

003

**INTREPID**

The Intrepid Companies  
700 17th Street, Suite 1700  
Denver, CO 80202  
303.296.3006  
303.298.7502 fax

November 9, 2004

Bureau of Land Management  
Moab Field Office  
82 E. Dogwood  
Moab, UT 84532

Attn: Minerals

Re: Cane Creek Unit  
T26S, R19 & 20E  
Grand County, UT

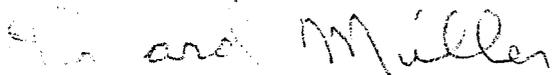
Gentlemen:

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Intrepid Oil & Gas when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the above mentioned well.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

Intrepid Oil & Gas agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above mentioned well.

Sincerely,



Richard Miller  
Special Projects Manager



Ms. Donna Turnipseed, Area Archaeologist  
Bureau of Land Management  
Moab Field Office  
P.O. Box 970  
Moab, Utah 84532

January 4, 2005

Dear Donna:

Please find enclosed two copies of our archaeological report for Intrepid Oil & Gas Company's proposed Cane Creek #1-1 well pad, Cane Creek #8-1 & #24-1 well pads and access routes. The project is located near Big Flat and Little Valley in Grand County, Utah, approximately twenty miles northwest of the town of Moab. A total of 64.7 acres were inventoried for cultural resources on lands administered by the Utah Bureau of Land Management's - Moab Field Office.

Two archaeological sites (42GR3540 & 42GR3541) were found in the project area. Site 42GR3540 was found near the abandoned Cane Creek #8-1 alternate well location and site 42GR3541 was identified along the access route leading into the proposed #8-1 well location. Because of the potential for significant subsurface cultural deposits, site 42GR3540 is considered eligible to the National Register of Historic Places. Therefore, the alternate location has been subsequently abandoned. Site 42GR3541 is bisected by a bladed road that will be used to access the proposed #8-1 well location. The site is considered a surface manifestation and is not considered eligible to the N.R.H.P. No other cultural resources were identified in the project area. Because the sites should not be affected by project activities, no further management recommendations are necessary.

Also please find enclosed two copies of the Utah State IMAC forms for the newly recorded sites.

Sincerely,

Carol S. DeFrancia  
Principal Investigator

CSD/distribution:

Mr. Richard Miller, Intrepid Oil & Gas LCC., Denver  
Ms. Libby Einhorn, Pure Resources, Midland

ARCHEOLOGICAL SURVEY OF  
INTREPID OIL & GAS LLC COMPANY'S PROPOSED  
CANE CREEK #1-1 WELL PAD, CC #8-1 & #24-1 WELL PADS  
AND ACCESS ROUTES IN GRAND COUNTY, UTAH

4-CAS REPORT 2429

by  
Carol S. DeFrancia

4-CORNERS ARCHAEOLOGICAL SERVICES  
76 S. Main Street  
Moab, Utah 84532  
(435) 259-2777

January 3, 2005

FEDERAL ANTIQUITIES PERMIT 04UT62712  
Utah State Permit No. U-04-FE-1461b

Prepared For:  
Pure Resources  
500 W. Illinois Ave  
Midland, TX 79701

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## **ABSTRACT**

The archaeological survey of Intrepid Oil & Gas Company's proposed Cane Creek #1-1 well pad, Cane Creek #8-1 & #24-1 well pads and access routes was conducted by personnel of 4-Corners Archaeological Services between August 23, and December 20, 2004. The project is located near Big Flat and Little Valley in Grand County, Utah, approximately twenty miles northwest of the town of Moab. A total of 64.7 acres were inventoried for cultural resources on lands administered by the Utah Bureau of Land Management's - Moab Field Office.

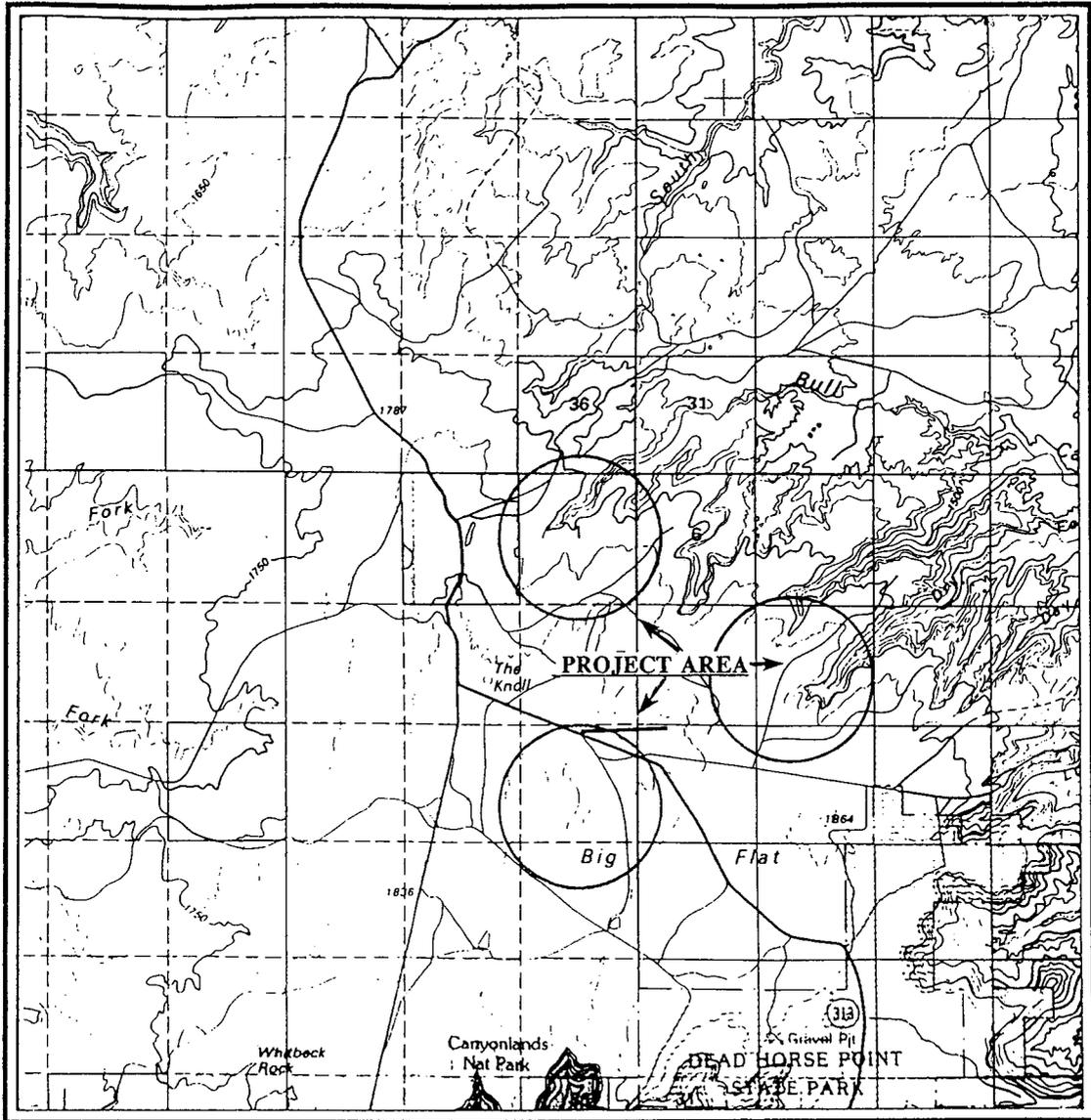
Two archaeological sites were found in the project area. One site was identified near the abandoned Cane Creek #8-1 alternate well location and one site was found along the access route leading into the proposed #8-1 location. Because of the potential for significant subsurface cultural deposits, site 42GR3540 is considered eligible to the National Register of Historic Places and the alternate well location has been subsequently abandoned. Site 42GR3541 is bisected by a bladed road that will be used to access the proposed #8-1 well location. The site is considered a surface manifestation and is not considered eligible to the N.R.H.P. No other cultural resources were identified in the project area. Because the sites should not be affected by project activities, no further management recommendations are necessary.

## **INTRODUCTION**

The archaeological survey of Intrepid Oil & Gas Company's proposed Cane Creek #1-1 well pad, Cane Creek #1-8 & Cane Creek #1-24 well pads and access routes was conducted by Carol DeFrancia of 4-Corners Archeological Services between August 23, and December 20, 2004. The project is located along an upland mesa area near Big Flat and Little Valley on lands administered by the Utah Bureau of Land Management's - Moab Field Offices (Figure 1). The survey was requested by Ms. Lisa Smith of Permitco Inc. Keogh Land Surveying personnel staked and flagged the well pads and access routes prior to the survey. The access route for the Cane Creek #1-1 well pad will be determined at a later date. The #8-1 well pad will be accessed from an existing county road and follow approximately 3200' north/northeast along a two track road into the southeast edge of the well location. The Cane Creek #24-1 will be accessed south of the main county road for approximately 7600', south & southwest. Approximately 2.0 miles of access routes, and 10 acres (each) surrounding the proposed well location center stakes, were surveyed for cultural resources. A total of 64.7 acres were inventoried for cultural resources on BLM administered lands (Figure 2).

Principal federal legislation that is designed to conserve and protect cultural resources includes the Antiquities Act of 1906 (PL 52-209), the National Historic Preservation Act of 1966 (PL 89-665), the National Environmental Policy Act of 1969 (PL 91-190), the 1971 Executive Order No. 11593, the Archeological and Historical Conservation Act of 1974 (PL 93-291), and the Archeological Resource Protection Act (ARPA) of 1978 (PL 95-96).

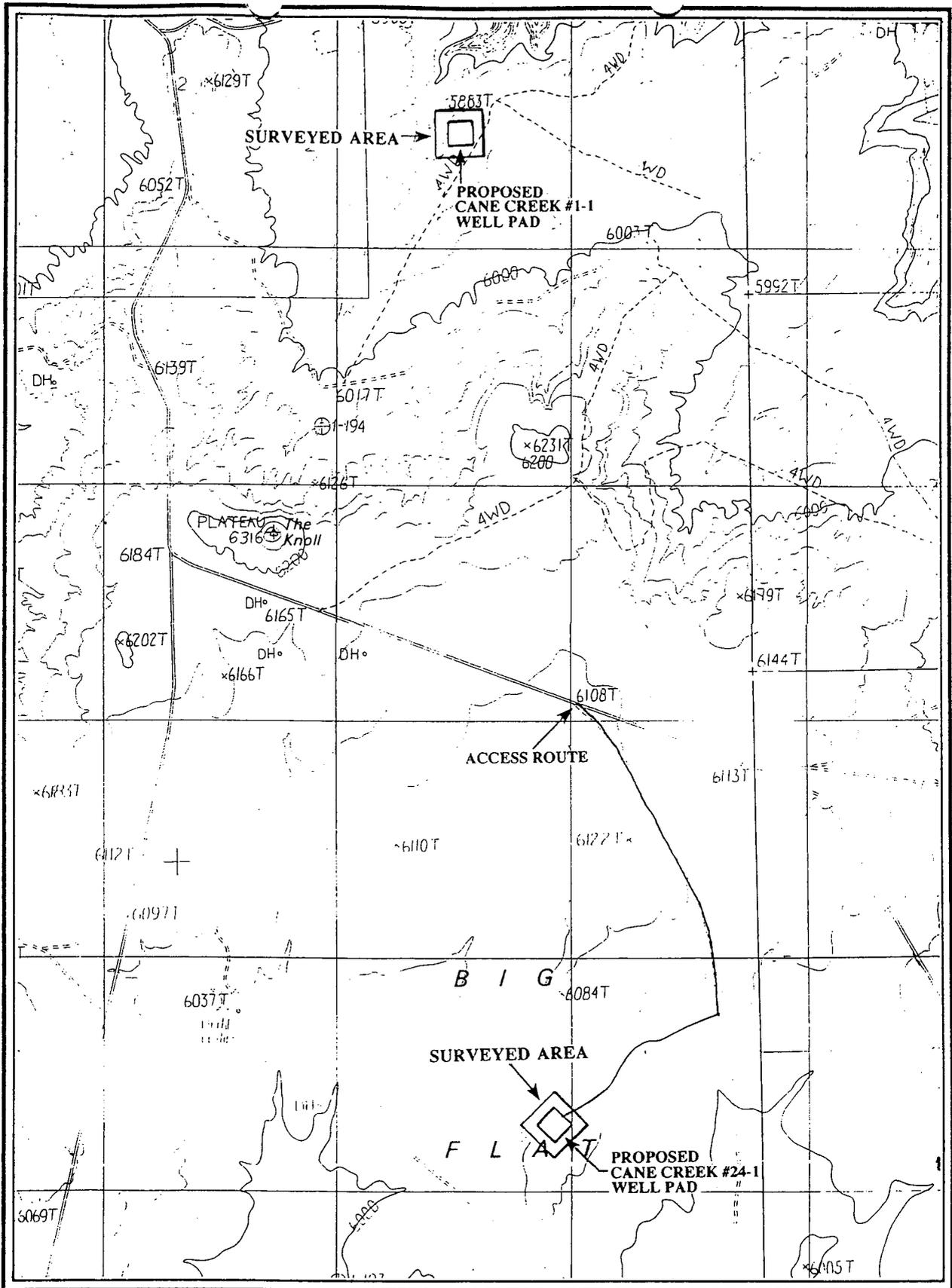
Two archaeological sites (42GR3540 & 42GR3541) were found in the project area. Site 42GR3540 was found near the abandoned Cane Creek #8-1 alternate well location and site 42GR3541 was identified along the access route leading into the proposed #8-1 well location. Because of the potential for significant subsurface cultural deposits, site 42GR3540 is considered eligible to the National Register of Historic Places. Therefore, the alternate location has been subsequently abandoned (Figure 3). Site 42GR3541 is bisected by a bladed road that will be used to access the proposed #8-1 well location. The site is considered a surface manifestation and is not considered eligible to the N.R.H.P. The proposed Cane Creek #8-1 well location is situated over 1000' southeast of the abandoned alternate well site and no other cultural resources were identified in the project area. Because the sites should not be affected by project activities, no further management recommendations are necessary.



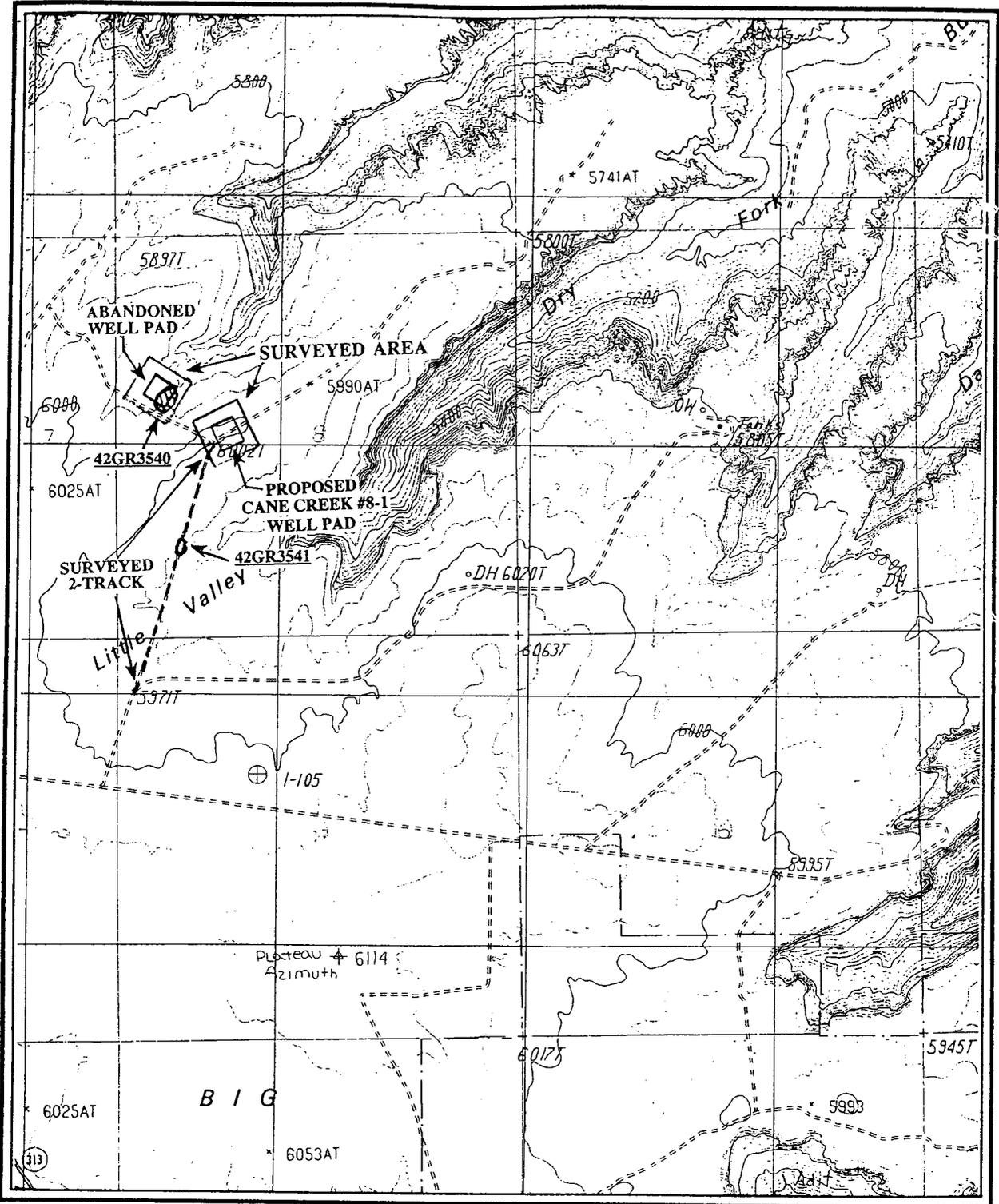
GENERAL VICINITY OF PROJECT AREA

USGS 1: 62,000

(Figure 1)

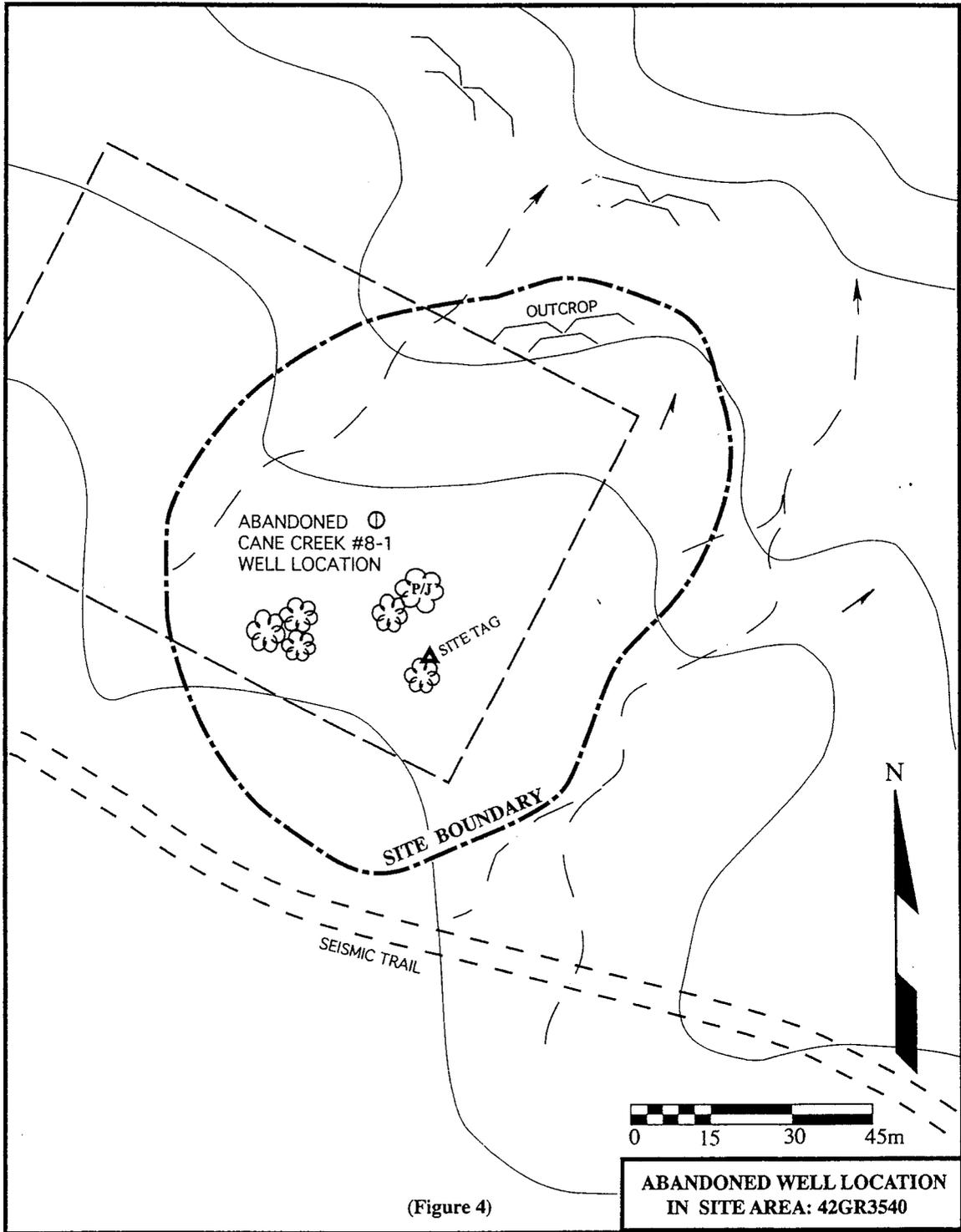


**PROJECT AREA**  
 T26S, R19E: Sec. 1 & 24  
 Grand County, Utah - S.L.B. & M.  
 USGS The Knoll, UT (1988) 7.5' series map  
 SCALE: 1:24000  
 (Figure 2)



**PROJECT AREA**  
 T26S, R20E: Sec. 8  
 Grand County, Utah - S.L.B. & M.  
 USGS Gold Bar Canyon, UT (1985) 7.5' series map  
 SCALE: 1:24000

(Figure 3)



(Figure 4)

**ABANDONED WELL LOCATION  
IN SITE AREA: 42GR3540**

**PROJECT AREA**

Map Reference: U.S.G.S. Gold Bar Canyon (1985) & The Knoll (1988) 7.5' series maps

Total Project Area: 17.8 acres, area surveyed 64.7 acres

Cane Creek #1-1 Well Pad:

Legal Description: T26S, R19E; NE, NW, SW of section 1; (S.L.B. & M)

Center Stake: 1320' FWL, 2240' FSL; sec. 1

UTM Coordinates* (*all in zone 12)		Easting	Northing
	NW corner	606420m	4269620m
	NE corner	606620m	4269620m
	SE corner	606620m	4269400m
	SW corner	606420m	4269400m

Project Area: 380' x 400' (3.5 acres)

Surveyed Area: 660' x 660' (10.0 acres)

Results: No cultural resources found

Cane Creek #8-1 Well Pad:

Legal Description: T26S, R20E; SW, SE, NW of section 8; (S.L.B. & M)

Center Stake: 1430' FWL, 2570' FNL; sec. 8

UTM Coordinates* (*all in zone 12)		Easting	Northing
	NW corner	609660m	4268100m
	NE corner	609860m	4268180m
	SE corner	609920m	4267980m
	SW corner	609740m	4267920m

Project Area: 380' x 400' (3.5 acres)

Surveyed Area: 660' x 660' (10.0 acres)

Results: No cultural resources found

CC #8-1 Access Route:

Legal Description: T26S, R20E; W1/2 of sec. 8; NW 1/4 of sec. 17

UTM Coordinates* (*all in zone 12)		Easting	Northing
	SW end	609420m	4267040m (road tie)
	bend	609730m	4268000m
	NE end	609760m	4268040m (well location tie)

Project Area: 3200' length, maximum 16' wide (1.1 acres)

CC #8-1 Access Route (cont):

Surveyed Area: 3200' x 100' (7.3 acres)

Results: One archaeological site (42GR3541) found along access.

Cane Creek #8-1 Alternate Well Pad (abandoned area):

Legal Description: T26S, R20E; SW, SW, NW of section 8; (S.L.B. & M)

Center Stake: 700' FWL, 2025' FNL; sec. 8

UTM Coordinates* (*all in zone 12)		Easting	Northing
	NW corner	609470m	4268340m
	NE corner	609640m	4268240m
	SE corner	609530m	4268080m
	SW corner	609360m	4268180m

Project Area: 380' x 400' (3.5 acres)

Surveyed Area: 660' x 660' (10.0 acres)

Results: One archaeological site (42GR3540) found within well pad boundaries.

Cane Creek #24-1 Well Pad:

Legal Description: T26S, R19E; SE, NE, NW of section 24; (S.L.B. & M)

Center Stake: \*2390' FWL, \*680' FNL; sec. 24 (\* approximate)

UTM Coordinates* (*all in zone 12)		Easting	Northing
	NW corner	606790m	4265290m
	NE corner	606930m	4265410m
	SE corner	607070m	4265280m
	SW corner	606930m	4265150m

Project Area: 380' x 400' (3.5 acres)

Surveyed Area: 660' x 660' (10.0 acres)

Results: No cultural resources found

CC #24-1 Access Route:

Legal Description: T26S, R19E; W1/2 of sec. 8; NW 1/4 of sec. 17

UTM Coordinates* (*all in zone 12)		Easting	Northing
	N end	607040m	4267070m (road tie)
	bend	607200m	4266880m
	bend	607540m	4266240m
	bend	607620m	4265760m

CC #24-1 Access Route (cont.):

bend	607300m	4265620m
bend	607180m	4265460m
SW end	606980m	4265320m (well location tie)

Project Area: 7600' length, maximum 16' wide (2.7 acres)

Surveyed Area: 7600' x 100' (17.4 acres)

Results: No cultural resources found

**PHYSIOGRAPHY AND ENVIRONMENT**

The project area is located in Grand County, Utah, in the vicinity of Big Flat and Little Valley, approximately twenty miles northwest of the town of Moab. The area lies in the Northern Colorado Plateau physiographic province and is a structural element of the Green River Desert, a physiographic subdivision of the Canyonlands Section (Rigby 1976; Stokes 1987). Terrain is characterized by a gently undulating planar surface, within a transitional upland mesa area. Sediments are predominately sandy loams and aeolian silts and sands, including localized dunes and occasional residual sandstone knolls and buttes (ie. The Knoll).

Vegetation in the project area is dominated by open grasslands and a pinyon/juniper woodland with an understory of sagebrush, Indian ricegrass, ephedra, rabbitbrush, snakeweed, prickly pear cactus, and bunch grass. A permanent water source in the area is the Colorado River, approximately ten miles southeast of the project area.

Reptilian, avian, and mammalian associations are consistent with those of the Upper Sonoran Life Zone throughout the Colorado Plateau.

Currently, most of the area is used for recreation, livestock grazing, and limited oil and gas development.

**PREVIOUS RESEARCH**

Prior to the initiation of the field investigations, a file search was conducted at the BLM's Field Office in Moab and the Division of State History in Salt Lake in August of 2004. The results of the review indicated that a number of oil and gas related surveys and road improvement inventories have been conducted in the general vicinity between the late 1970's and early 1990's (Conner 1991; Davies et. al. 1989; DeFrancia 2003 & 1997; Harden 1984; Tipps 1991; and Westfall 1984), including one extensive BLM survey within the project vicinity (Pierson 1980). More recently, an extensive 3D seismic project survey (Frizell 2001) was conducted in the immediate project area but did not indicate any cultural resources found within the proposed project area. The file search indicated that no archaeological sites are documented in close proximity to the project area.

**EXAMINATION PROCEDURES**

Prior to the field investigations, the well pads and access routes were staked and flagged by the land surveying crew. A 660' x 660' area surrounding the well center stakes (10 acres each) was inventoried for the well locations by walking a series of multiple parallel transects spaced 15m

apart. Two parallel zig-zag transects were walked along both sides of the flagged access routes (24.7 acres) covering a 100' corridor.

## **SURVEY RESULTS**

Two archaeological sites (42GR3540 & 42GR3541) were found near the abandoned Cane Creek #8-1 alternate well location and along the access route leading into the proposed #8-1 location. A general description of the sites are presented in Appendix A. Because of the potential for significant subsurface cultural deposits, site 42GR3540 is considered eligible for nomination to the N.R.H.P. Site 42GR3541 is considered a surface manifestation and is not considered eligible to the N.R.H.P. No other cultural resources were found in the project area.

## **CONCLUSION AND RECOMMENDATIONS**

The archaeological survey of Intrepid Oil & Gas Company's proposed Cane Creek #1-1 well pad, Cane Creek #8-1 & #24-1 well pads and access routes was conducted by personnel of 4-Corners Archaeological Services between August 23, and December 20, 2004. The project is located near Big Flat and Little Valley in Grand County, Utah, approximately twenty miles northwest of the town of Moab. A total of 64.7 acres were inventoried for cultural resources on lands administered by the Utah Bureau of Land Management's - Moab Field Office.

Two archaeological sites (42GR3540 & 42GR3541) were found in the project area. Site 42GR3540 was found near the abandoned Cane Creek #8-1 alternate well location and site 42GR3541 was identified along the access route leading into the proposed #8-1 well location. Because of the potential for significant subsurface cultural deposits, site 42GR3540 is considered eligible to the National Register of Historic Places. Therefore, the alternate location has been subsequently abandoned. Site 42GR3541 is bisected by a bladed road that will be used to access the proposed #8-1 well location. The site is considered a surface manifestation and is not considered eligible to the N.R.H.P. The proposed Cane Creek #8-1 well location is situated over 1000' southeast of the abandoned alternate well site and no other cultural resources were identified in the project area. Because the sites should not be affected by project activities, no further management recommendations are necessary.

## **REFERENCES**

- Conner, Carl E.  
1991 Cultural Resource inventory on the Proposed Opal Seismic Lines in Grand County, Utah. GRI Project No. 9120. Ms on file at BLM Moab Field Office, Moab.
- Davis, William E., Deborah Westfall, Wayne K. Howell, and Christopher Coder  
1989 Cultural Resource Survey and Evaluation along SR 313, Grand County, Utah. Abajo Archaeology, Bluff. Ms on file at BLM Moab Field Office; Utah State No. U-88-AS-5986.
- DeFrancia, Carol S.  
2003 Archaeological Survey of Intrepid Oil & Gas Company's Proposed Cane Creek Federal #2-1 Well Pad & Access on State Land, Grand County, Utah. 4-CAS Report No. 2317, Moab.

DeFrancia, Carol S.

- 1997 Archaeological Survey & Testing of Aviara Energy Corporation's Proposed #11-1 Kane Springs Federal Well Pad, Grand County, Utah. 4-CAS Report No. 9724, Moab.

Frizzel, Jon P.

- 2001 A Class III Cultural Resource Inventory of the Veritas Geophysical Fertilizer 3-D Seismic Grid in Grand County, Utah. North Platte Project 2001-1-1. Utah State No. U01-NV-0095bs.  
Ms on file at BLM Moab Field Office.

Harden, Patrick L.

- 1984 An Archaeological Survey of Utah Department of Transportation's "Jct. US-191 to Dead Horse Point State Park" SR-313 Maintenance Project in Grand County, Utah. LAC Report 8440, Dolores.  
Manuscript on file at BLM Moab Field Office.
- 1984 The Archaeological Survey of Petty-Ray Geophysical's Seismograph Lines No.s 26 & 29, Grand County, Utah. LAC Report 8456, Dolores. Manuscript on file at BLM Moab Field Office.

Rigby, Keith J.

- 1976 Northern Colorado Plateau. Brigham Young University, Provo.

Stokes, William Lee

- 1987 Geology of Utah. Occasional Paper Number 6. Utah Museum of Natural History, University of Utah, Salt Lake City.

Tipps, Betsy L.

- 1991 Cultural Resource Inventory of Five Well Pads & Access Routes in the Kane Springs Area, Grand County, Utah. CR Report 471-01-9117, PIII Associates Inc. Salt Lake. MS on file at BLM Moab Field Office.

Westfall, Deborah A.

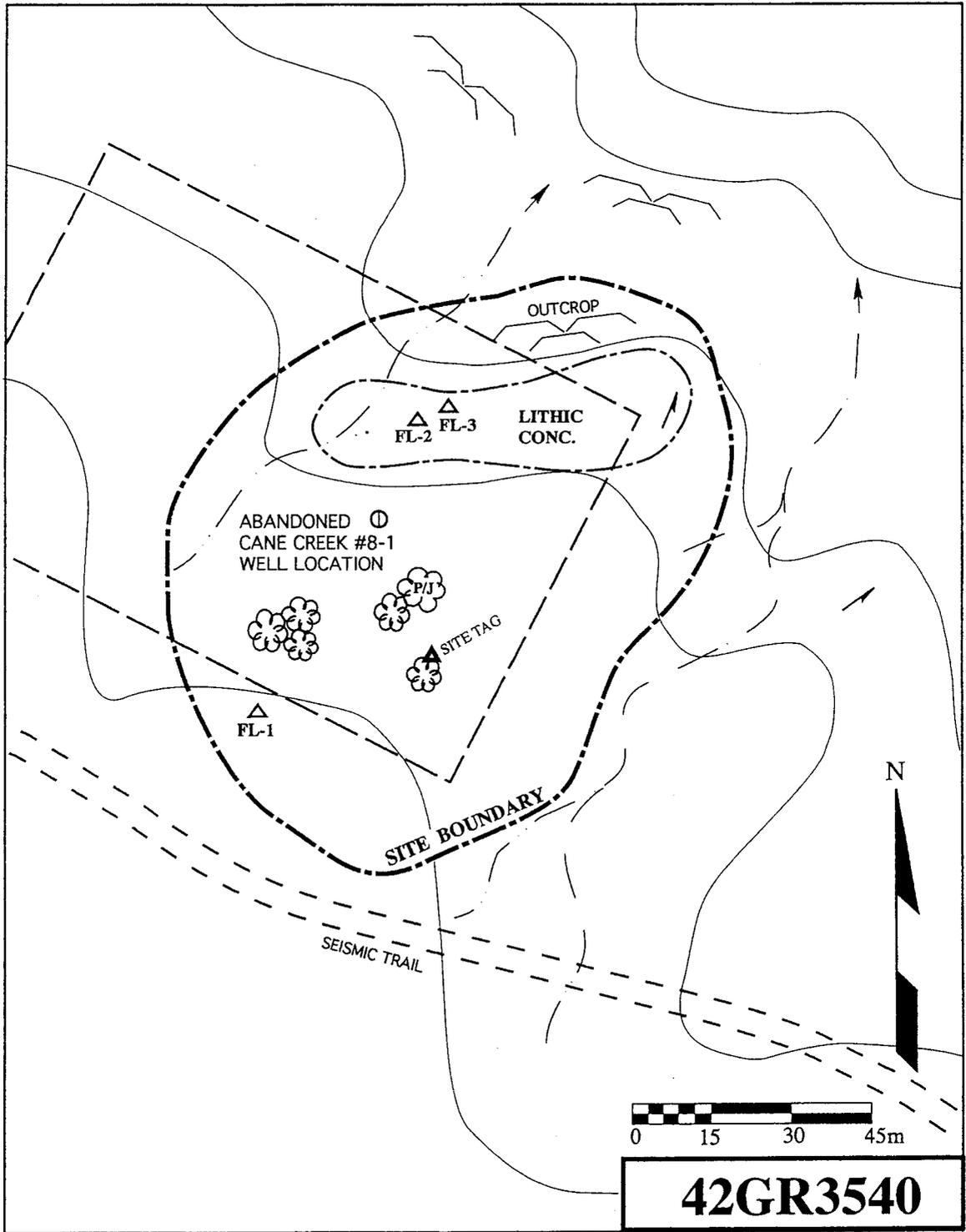
- 1984 Cultural Resource Inventories of Sefel Geophysical, LTD, Seismograph Lines 13Y, 13Z, 16X, 98X, 104X, and 105Y - 1984, Grand and San Juan Counties, UT. Manuscript on file at BLM Moab District Office; Utah State No. U-84-AS-25.

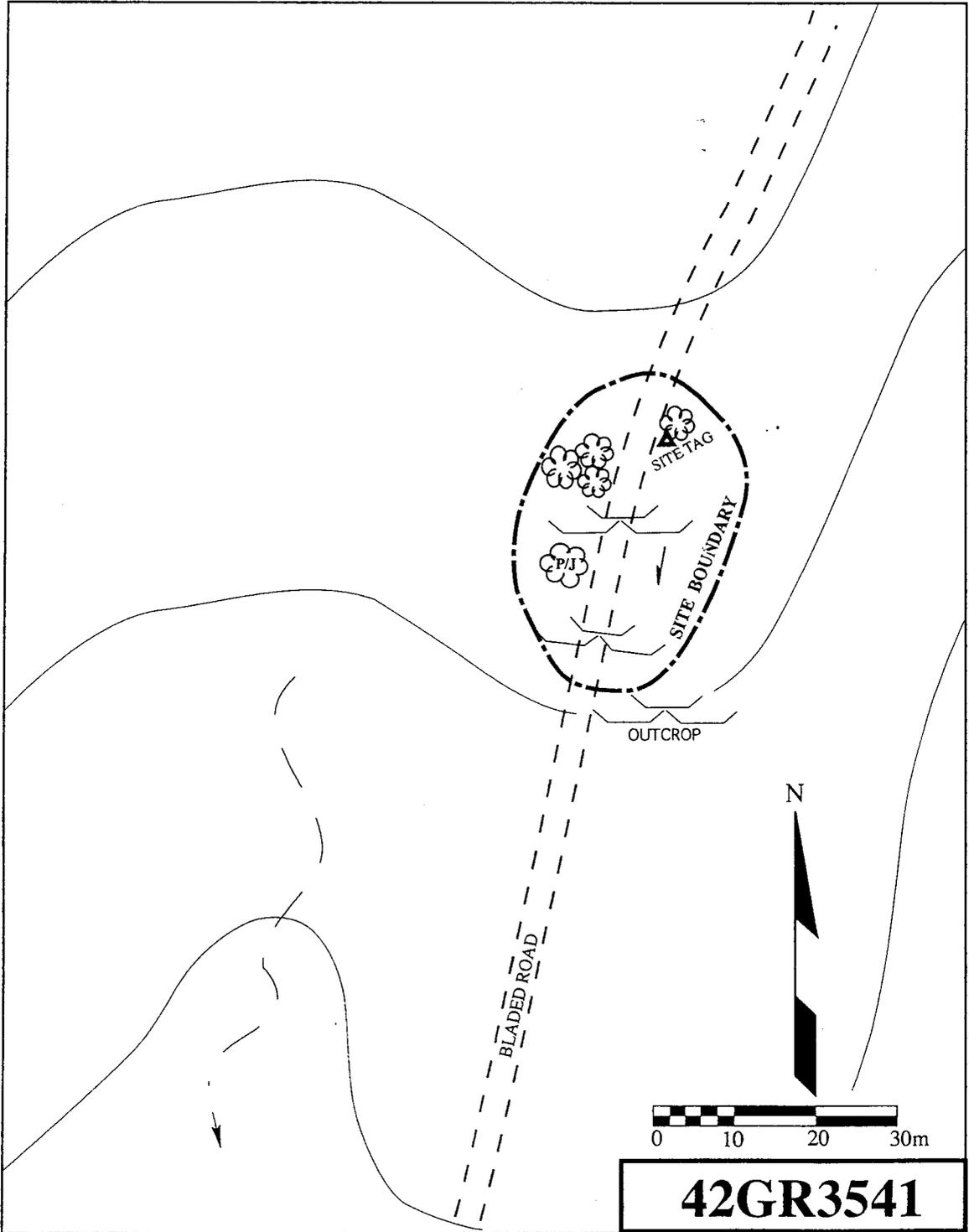
## APPENDIX A

### Site Descriptions

Site 42GR3540: The site consists of an extensive open lithic scatter located within a pinyon/juniper woodland. The site occupies a deflated northeast facing ridge slope along a bench area near the head of Dry Fork, a tributary drainage to Bull Canyon. Much of the site appears to be buried under aeolian deposits. At least 250 interior flakes of chert, quartzite and siltstone (mostly non-cortical) extend across a 90 x 105m area. No cultural features are evident across the site surface although deep sediments (>30cm) exist along the south central periphery and buried cultural deposits are possible. No temporally diagnostic tools were observed. One brown/gray chert unifacial scraper (FL-1), one brown/tan chert biface (FL-2), and one gray quartzite biface fragment (FL-3) were the only tools observed across the site surface. Two small tabular pieces of groundstone were also noted, but these may or may not represent remnants of formal grinding implements. Because of the potential for significant subsurface cultural deposits, the site is considered eligible for nomination to the N.R.H.P. Testing of the cultural deposits could provide additional information concerning site function and use, and could yield datable materials significant to the areas' prehistory.

Site 42GR3541: The site consists of a very low density open lithic scatter dispersed over a 25 x 40m area and is bisected by a bladed road. The site is situated along a moderate expanse of outcropped bedrock and dunal area on the northwest side of Little Valley. Much of the site area appears to be a surface manifestation based on shallow soils, a low volume of artifacts present, and lack of any cultural material within the road cut which bisects the site area. Lithic debitage (<15 lithic flakes) consists entirely of secondary reduction debris of gray quartzite. No tools or cultural features were noted. A temporal/cultural affiliation is unknown. Because of the lack of cultural integrity, the site is considered non-eligible to the N.R.H.P.





42GR3541



March 10, 2005

The Intrepid Companies  
700 17th Street, Suite 1730  
Denver, CO 80202  
303.296.3006  
303.298.7502 fax

A. G. Andrikopoulos Resources, Inc.  
P.O. Box 788  
Cheyenne, Wyoming 82003-0788

Attention: Mr. Bill Scribner

Re: Exception Location Approval  
Cane Creek Unit 8-1 Well  
Township 26 South, Range 20 East  
Section 8: SENW - 1429' (FWL), 2563' (FNL)  
Grand County, Utah  
UTU-68122

Post-It™ brand fax transmittal memo 7671		# of pages	2
To	Katie Keller	From	Bill Scribner
Co.	Intrepid	Co.	A6ART
Dept.		Phone #	307 634 4441
Fax #		Fax #	307 634 4445

Gentlemen:

Intrepid Oil and Gas, LLC ("IOC") as Unit Operator of the Cane Creek Unit is in the process of applying for Applications to Drill within the Cane Creek Unit with the Division of Oil, Gas and Mining and the Bureau of Land Management, Moab Office. Due to topographical and archeological concerns, the location for the referenced well will require an exception to the requirements of State of Utah Regulation R649-3-2 and 3-3.

The proposed location for the Cane Creek Unit 8-1 well was staked at 1429' FWL and 2563' FNL in Section 8, Township 26 South, Range 20 East, Grand County, Utah.

In accordance with R649-3-3, 1.2, please indicate your consent to the location exception of the Cane Creek 8-1 well by signing in the space provided and returning one (1) copy of this letter to the undersigned at your very earliest convenience.

Thank you for your help in this matter. Should you have questions, please do not hesitate to call me at (303) 881-5440.

Sincerely,  
INTREPID OIL & GAS, LLC

*Katie Keller*

Katie Keller  
Landman

Exception Location for the Cane Creek 8-1 well is hereby approved this 21<sup>ST</sup> day of March, 2005.

By *A.G. Andrikopoulos*  
Title *Pres*



14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

March 24, 2005

Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Attn: Diana Whitney

Re: Intrepid Oil & Gas, LLC  
Cane Creek #8-1  
2563' FNL and 1429' FWL  
SE NW Section 8, T26S - R20E  
Grand County, Utah  
Lease No. UTU-68122

Dear Diana,

Enclosed please find two copies of the A.P.D. for the above mentioned well along with one copy of the Onshore Order No. 1 which has been filed with the BLM office in Moab, Utah.

Please note that this well is within the Cane Creek Unit which is operated by Intrepid Oil & Gas, LLC, however was staked at non-standard spacing due to geological considerations. A copy of the exception letter showing Andrikopoulos's consent is attached.

If you should have any questions regarding the enclosed material, please don't hesitate to contact me. Your early approval of this application would be greatly appreciated.

Sincerely,

PERMITCO INC.

Venessa Langmacher  
Consultant for:  
Intrepid Oil & Gas, LLC

Enc.

cc: Intrepid Oil & Gas, LLC - Denver, CO  
Pure Resources - Midland, TX

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT   
(highlight changes)

001

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO.: <b>UTU-68122</b>	6. SURFACE: <b>BLM</b>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: <b>Cane Creek Unit</b>	
2. NAME & ADDRESS OF OPERATOR: <b>Intrepid Oil &amp; Gas, LLC. 700 - 17th St., Suite 1700 Denver, CO 80202</b>		9. WELL NAME and NUMBER: <b>Cane Creek #8-1</b>	
3. NAME & ADDRESS OF AGENT: <b>Permitco Inc. 14421 County Road 10 Ft. Lupton, CO 80621</b>		10. FIELD AND POOL, OR WILDCAT: <del>Wildcat</del> <b>Undesignated</b>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>609768X 2563' FNL and 1429' FWL</b> AT PROPOSED PRODUCING ZONE: <b>SE NW 4268053Y</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: <b>Sec. 8, T26S-R20E</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>Approximately 29 miles northwest of Moab, Utah</b>		12. COUNTY: <b>Grand</b>	13. STATE: <b>Utah</b>
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1429'</b>	16. NUMBER OF ACRES IN LEASE: <b>916.8</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>N/A</b>	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): <b>None</b>	19. PROPOSED DEPTH: <b>7,925'</b>	20. BOND DESCRIPTION: <b>Statewide Bond Number UTB000029</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>6005' GL</b>	22. APPROXIMATE DATE WORK WILL START: <b>ASAP</b>	23. ESTIMATED DURATION: <b>25 Days</b>	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", H-40, 48#	500'	543 sx Glass G, 15.8 ppg, 1.15 ft3/sk (625 cubic feet)
12-1/4"	9-5/8", N-80, 40#	4,425'	Lead: 5283 sx Premium Lite, 15.8 ppg, 2.42 ft3/sk (2183 cubic feet) Tail: 284 sx Class G, 15.8 ppg, 1.17 ft3/sk (243 cubic feet)
8-3/4"	7", P-110, 26#	7,925'	870 sx Class G, 16.4 ppg, 1.08 ft3/sk (806 cubic feet)
<b>CONFIDENTIAL-TIGHT HOLE</b>			

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

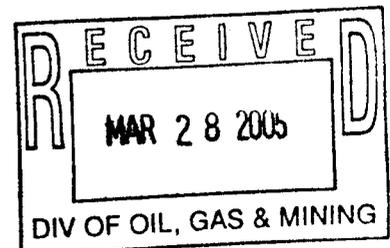
NAME (PLEASE PRINT) Venessa Langmacher TITLE Agent for Intrepid Oil & Gas, LLC.  
SIGNATURE Venessa Langmacher DATE March 24, 2005

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31449

APPROVAL:

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
*(See Instructions on Reverse Side)*  
Date: 03-29-05  
*[Signature]*



**Federal Approval of this  
Action is Necessary**

SECTION 8, T 26 S, R 20 E, SLM

BASIS OF BEARINGS  
S 00°00'23" W 2648.13'



1429' FWL

2563' FNL



8

CANE CREEK 8-1  
LOCATION  
EXIST. EL = 6004.7'  
FIN. GRADE. EL. = 6002.0'



SCALE 1"=1000'

LEGEND



FOUND GOVERNMENT BRASS  
MONUMENT



SET SPIKE WITH LATH AT PROPOSED  
WELL LOCATION

NOTE: ELEVATIONS BASED ON USC&G  
"PLATEAU" (ELEV = 6316).

**KEOGH LAND SURVEYING**

45 EAST CENTER STREET

MOAB, UTAH, 84532

A SURVEY OF

**CANE CREEK 8-1**

WITHIN SECTION 8, T 26 S, R 20 E, SLM,  
GRAND COUNTY, UTAH

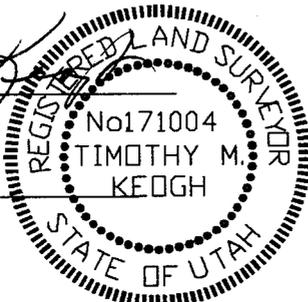
PREPARED FOR

**INTREPID OIL & GAS, LLC.**

TIMOTHY M. KEOGH

DATE

*Feb. 28/05*



DATE: 12-07-04

DRAWN BY: EJ

CHECKED BY: TMK

SCALE: 1"=1000'

F.B.# 141

INTREPID

004

**ONSHORE OIL & GAS ORDER NO. 1**

Approval of Operations on Onshore  
Federal and Indian Oil & Gas Leases

**Cane Creek #8-1**

2563' FNL and 1429' FWL  
SE NW Section 8, T26S - R20E  
Grand County, Utah

Prepared For:

**INTREPID OIL & GAS, LLC**

By:

PERMITCO INC.  
14421 County Road 10  
Ft. Lupton, Colorado 80621  
303/857-9999

**CONFIDENTIAL-TIGHT HOLE**

Copies Sent To:

- 4 - BLM - Moab, UT
- 2 - Utah Division of Oil, Gas & Mining - SLC, UT
- 2 - Intrepid Oil & Gas, LLC - Denver, CO
- 2 - Pure Resources - Midland, TX



## APPLICATION FOR PERMIT TO DRILL OR REENTER

### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.  
**Attached.**
2. A Drilling Plan
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the Appropriate Forest Service Office.  
**See Surface Use Plan Attached.**
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20).  
**Bond coverage for this well is provided by Intrepid Oil & Gas, LLC. under their BLM Bond No. Statewide Bond Number UTB000029.**
5. Operator certification.  
**Please be advised that Intrepid Oil & Gas, LLC. is considered to be the operator of the above mentioned well. Intrepid Oil & Gas, LLC. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.**
6. Such other site specific information and/or plans as may be required by the authorized officer.

**ONSHORE OIL & GAS ORDER NO. 1  
 Approval of Operations on Onshore  
 Federal and Indian Oil and Gas Leases**

Based on our interpretation of the 3D seismic data, the proposed Cane Creek 8-1 is definitely fault separated from the currently producing Long Canyon #1. Our geologic model suggests that the proposed Cane Creek 8-1 and the Long Canyon #1 wells will produce from different fracture systems.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

**1. ESTIMATED TOPS/ GEOLOGIC MARKERS**

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>Measured Depth</i>	<i>Subsea</i>
Navajo/Kayenta	Surface	+6,002'
Wingate Ss	180'	+5,832'
Chinle	385'	+5,627'
Moenkopi	695'	+5,317'
Cutler	1,145'	+4,867'
Hermosa	1,920'	+4,092'
1 <sup>st</sup> Salt	3,995'	+2,017'
Clastic 3	4,415'	+1,597'
Clastic 15	6,145'	-133'
Cane Creek	7,155'	-1,143'
Pinkerton Trail	7,815'	-1,803'
T.D.	7,925'	-1,913'



**2. ESTIMATED DEPTH OF OIL, GAS WATER AND OTHER MINERAL BEARING ZONES**

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Brine	Clastic 15	6,145'
Oil	Cane Creek	7,155'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to the BLM. All oil and gas shows will be tested to determine commercial potential.

**3. BLOWOUT PREVENTER (BOP) EQUIPMENT**

Intrepid Oil & Gas, LLC's minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double, 10,000 psi w.p.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers will be inspected and operated each trip (no more than once a day is necessary), and annular preventers will be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.



Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

Pressure tests shall apply to all related well control equipment.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 10,000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.



**4. CASING AND CEMENTING PROGRAM**

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.



- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Surface	0' - 450'	17-1/2"	13-3/8"	48#	H-40	ST&C	New
Intermediate	0' - 4,425'	12-1/4"	9-5/8"	40#	N-80	LT&C	New
Production	0' - 7,925'	8-3/4"	7"	26#	P-110	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.



- o. The cement program will be as follows:

<b>Surface</b>	<b>Type and Amount</b>
0 - 450'	543 sx Class G (625 cubic feet), 0.25 pps D29, 1% S1, +/- 15.8 ppg, 1.15 ft3/sk
<b>Intermediate</b>	<b>Type and Amount</b>
0 - 4,425'	<b>Lead:</b> 5283 sx (2183 cubic feet), Premium Lite, 5% Salt, 8% Bentonite, 3#/sk Kol Seal, 0.5% Sodium Metasilicate, 1/4 pps celloflake, +/- 15.8 ppg, 2.42 ft3/sk. <b>Tail:</b> 284 sx (243 cubic feet) Class G, 5% Salt, 0.2% Sodium Metasilicate, 1/4 pps celloflake, 15.8 ppg, 1.17 ft3/sk.
<b>Production</b>	<b>Type and Amount</b>
3,800' - 7,925'	870 sx (806 cubic feet) Class G, 0.45% D065, 0.25% D167, 0.35% D800, 0.2% D121, 0.2% D046, +/- 16.4 ppg, 1.08 ft3/sk.

- p. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- q. The following reports shall be filed with the District Manager within 30 days after the work is completed.
1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
    - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
    - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.



- r. Auxiliary equipment to be used is as follows:
  - 1. Kelly cock
  - 2. No bit float is deemed necessary.
  - 3. A sub with a full opening valve.
  
- s. The drilling procedure will be as follows:
  - 1. Drill into the Cane Creek formation at 7,155', and TD the straight hole at 7,925'
  - 2. Test or evaluate the Cane Creek or other zones of interest as deemed necessary.
  - 3. Set 7" casing at 7,925' and cement to 3,800'.

**5. MUD PROGRAM**

- a. The proposed circulating mediums to be employed in drilling are as follows:

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>
0' - 4,425'	Air or Fresh Water Gel	8.8-9.4	30-38	20-30
4,425' - 7,725'	80/20 Oil Base Mud	10-16	50-60	10-20

Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected.

- b. Due to potential for contamination of usable quality water aquifers, chromates are banned from Federal leases.
  
- c. Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing or completion operations.



**6. TESTING, LOGGING AND CORING**

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated. However, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of (at a minimum), Gamma Ray, Density Neutron and Sonic Logs from surface casing to TD.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).



- e. The anticipated completion program is as follows:
- Perforate zones of interest and place on production.

**7. ANTICIPATED PRESSURES AND H<sub>2</sub>S**

- a. The expected maximum bottom hole pressure is +/- 6000 psi. No abnormal pressures are anticipated.
- b. No hydrogen sulfide gas was encountered on the Cane Creek #2-1, therefore the need for an H<sub>2</sub>S plan is not anticipated.
- c. As per Onshore Order No. 6, III,A,2.b., if hydrogen sulfide is present the "operator shall initially test the H<sub>2</sub>S concentration of the gas stream for each well or production facility..." Submit the results of this test within 30 days of filing Form 3160-4, "Well Completion or Recompletion Report and Log".

**8. OTHER INFORMATION AND NOTIFICATION REQUIREMENTS**

- a. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- b. Production data shall be reported to the MMS pursuant to 30 CFR 216.5 using form MMS/3160.
- c. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which gas is first measured through permanent metering facilities, whichever first occurs.



- d. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- e. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.
- f. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 and Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.
- g. Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

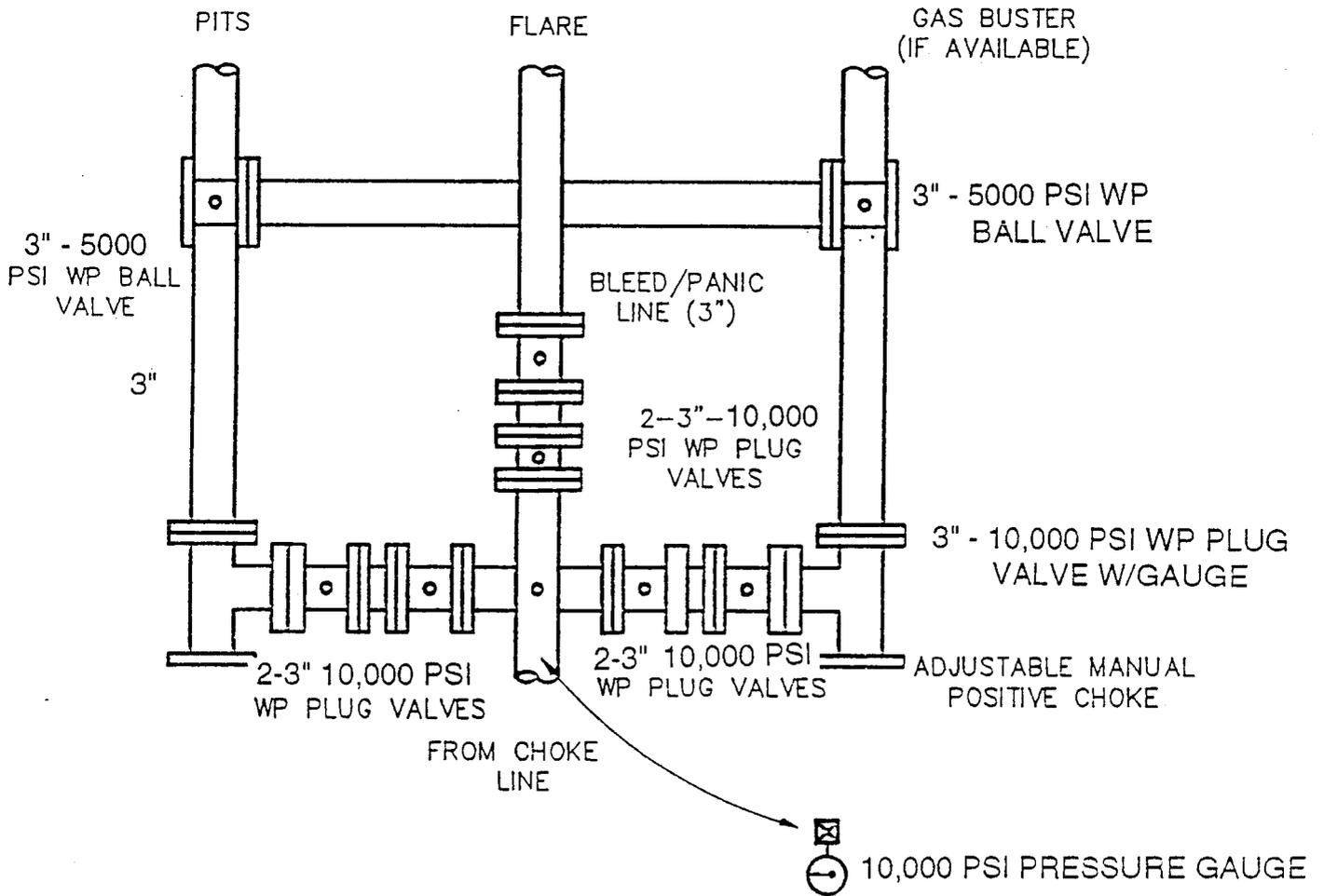
- h. Drilling operations are planned to commence upon approval of this application.
- i. It is anticipated that the drilling of this well will take approximately 25 days.



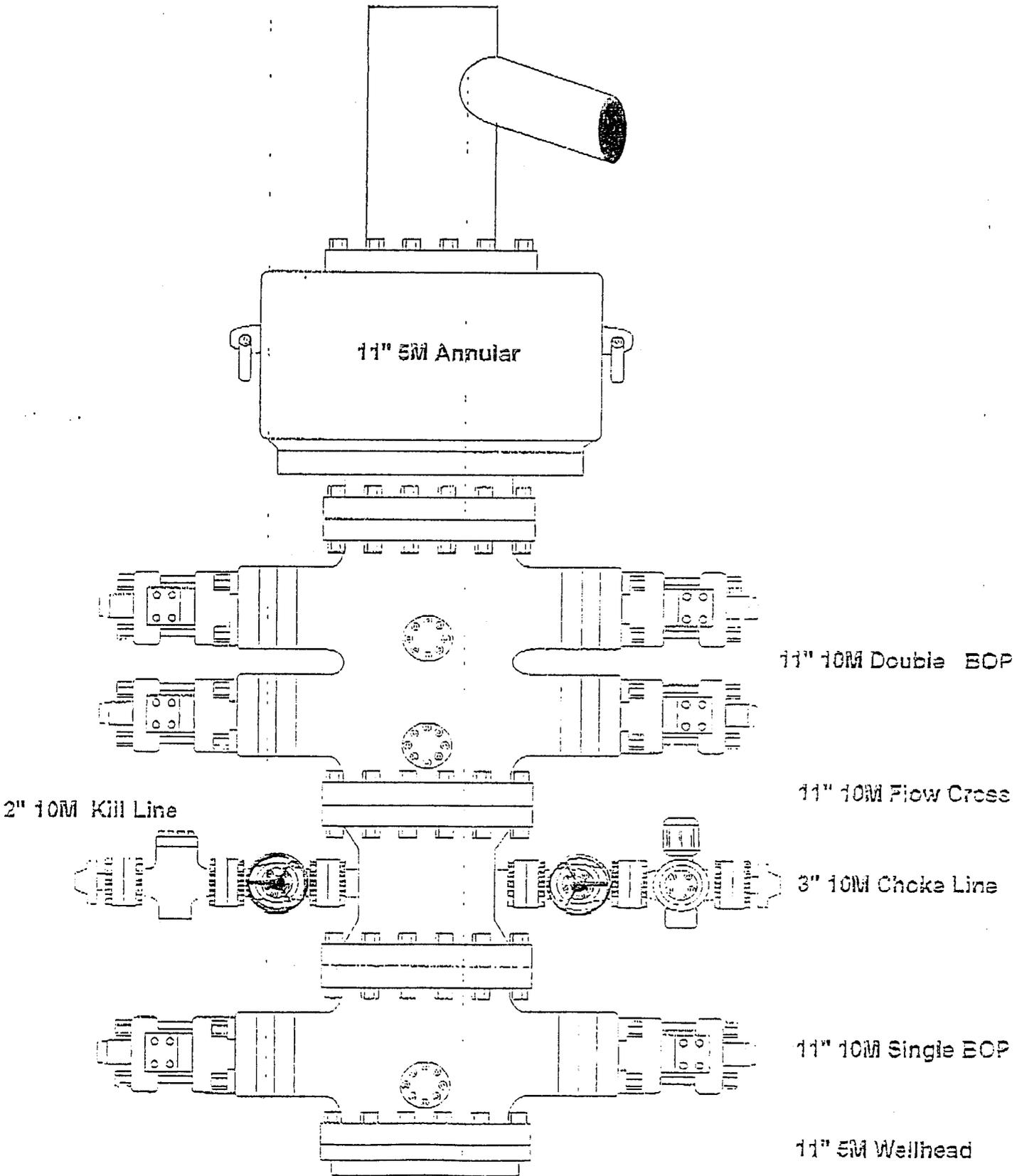
- j. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- k. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- l. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- m. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative. or the appropriate Surface Managing Agency.



# PLAN VIEW CHOKE MANIFOLD



# Propose BOP Schematic



**ONSHORE OIL & GAS ORDER NO. 1**  
**Thirteen Point Surface Use Plan**

**1. EXISTING ROADS**

- a. The proposed well site is located approximately 29 miles northwest of Moab, Utah.
- b. Directions to the location from Moab, Utah are as follows:  
  
From, Moab, Utah proceed north on Highway 191 for 11.2 miles. Turn left on Highway 313 and proceed southwesterly for 16 miles until reaching the fork in the road. Turn left and proceed east for 0.8 miles until reaching another fork in the road, turn left and proceed north for 1 mile until reaching the proposed location.
- c. For location of access roads within a 2-Mile radius, see Maps A & B
- d. Improvement to the existing access will not be necessary since all roads are maintained by the Grand County Road Department or Utah State Highway department.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

**2. PLANNED ACCESS ROADS**

- a. The last 1.84 miles of access will be new construction.
- b. No turnouts will be necessary.
- c. No culverts or low water crossings will be necessary.
- d. The proposed access road was centerline flagged at the time of staking.



- e. Surfacing of the pad may be necessary, depending on the weather conditions at the time of drilling.
- f. No cattle guards will be necessary.
- g. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved by the Field Manager in advance.
- h. If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations determined by the authorized officer.
- i. No road right of way will be necessary.

**3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.**  
**SEE MAP "C"**

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - none
- d. Drilling wells - none
- e. Shut In wells - none
- f. Abandoned wells - none
- g. Dry Holes - one
- h. Capped Potential Oil Well - one



**4. PROPOSED PRODUCTION FACILITIES**

- a. Production facilities will be located on the well pad. A Production Facilities Layout will be submitted via Sundry notice prior to installation of facilities.
- b. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will match the adjacent vegetation. The actual color will be specified by the Bureau of Land Management or the Utah Division of Oil, Gas and Mining.
- c. All site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 shall be followed:
- d. If a gas meter run is constructed, it will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provision of 43 CFR 3162.7-3, Onshore Order No. 5 and American Gas Association (AGA) Report No. 3.
- e. The tank battery will be surrounded by a berm of sufficient capacity to contain 1-1/2 times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4.
- f. Production facilities on location may include a lined or unlined produced water pit as specified in Onshore Order No. 7. If water is produced from the well, an Onshore Order No. 7 application must be submitted.
- g. Any necessary pits will be properly fenced to prevent any wildlife entry.
- h. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the Authorized Officer.
- i. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- j. The road will be maintained in a safe useable condition.



**5. LOCATION AND TYPE OF WATER SUPPLY**

- a. All water needed for drilling purposes will be obtained from the municipal water supply in Moab, Utah.
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.
- d. The water hauler will notify the appropriate authorities prior to utilizing the municipal water source.

**6. CONSTRUCTION MATERIALS**

- a. Pad construction material will be native (that found in the well pad).
- b. Native material found in the pad may also be used for road upgrading.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.
- d. No construction materials will be removed from Federal land.

**7. METHODS OF HANDLING WASTE DISPOSAL**

- a. All fluids contained within the reserve pit will be allowed to evaporate and the pit will be backfilled. The reserve pit will be lined with a 12 mil liner as requested by the Utah Division of Oil, Gas and Mining.
- b. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight. Trash will be hauled as necessary, but not later than at the completion of drilling operations.
- c. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.



- d. Sewage will be placed in a portable chemical toilet or holding tank and disposed of in accordance with state and county regulations.
- e. The produced fluids (other than water) will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

**8. ANCILLARY FACILITIES**

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

**9. WELLSITE LAYOUT**

- a. See Location Layout and Typical Cross Sections for orientation of rig, cross section of drill pad and cuts and fills.
- b. Six inches of topsoil (or the maximum available) will be salvaged during construction and reserved for use in reclamation.
- c. Any sage brush or trees will be stockpiled separately from the topsoil.
- d. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles is shown on the Typical Rig Layout.
- e. The flare pit will be located a minimum of 30 feet from the edge of the reserve pit and a minimum of 150 feet from the well head.
- f. The reserve pit will be fenced on three sides with 3 strands of barbed wire.
- f. Any pits containing fluid will be fenced to prevent wildlife entry.
- g. Any proposed pipelines will be submitted via Sundry Notice.
- h. Prior to excavating the pipeline route, the contractor will meet with the BLM to stake the route for the pipeline. BLM will inspect the pipeline prior to being covered.



- i. Any buried pipeline will be seeded with the same seed mixture to be specified by the BLM.
- j. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6

**10. PLANS FOR RESTORATION OF SURFACE**

- a. Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.
- b. The reserve pit will be allowed to dry and will then be backfilled.
- c. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- d. Seeding will be done in the fall as required by the BLM.
- e. The abandonment marker will be at least four feet above ground level and will be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).
- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment.

**11. SURFACE/MINERAL OWNERSHIP**

**Access Roads -** All roads are maintained by the Grand County Road Department or Utah State Highway Department or are located on BLM Lands within the unit boundary.

**Well pad -** The well pad is located on Bureau of Land Management.



**12. OTHER INFORMATION**

- a. A Class III archeological has been conducted by Four Corners Archeological. A copy of this report is attached.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
  - a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.
- c. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- d. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.



- e. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.h.
- f. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- g. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period.
- h. The operator or his contractor shall contact the BLM Offices at 435/259-6111 48 hours prior to construction activities.

**13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

Permit Matters

**PERMITCO INC.**

Lisa L. Smith  
14421 County Road 10  
Ft. Lupton, CO 80621  
303/857-9999 (Office)  
303/857-0577 (Fax)

Drilling & Completion Matters

**INTREPID OIL & GAS LLC**

700-17th Street, Suite 1700  
Denver, CO 80202  
Richard Miller  
303/296-3006 (Office)  
303/298-7502 (Fax)

**CERTIFICATION**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Intrepid Oil & Gas, LLC and their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

\_\_\_\_\_  
Date: March 18, 2005

*Venessa Langmacher*  
\_\_\_\_\_  
Venessa Langmacher - PERMITCO INC.  
Authorized Agent for:  
Intrepid Oil & Gas, LLC



# KEOGH LAND SURVEYING

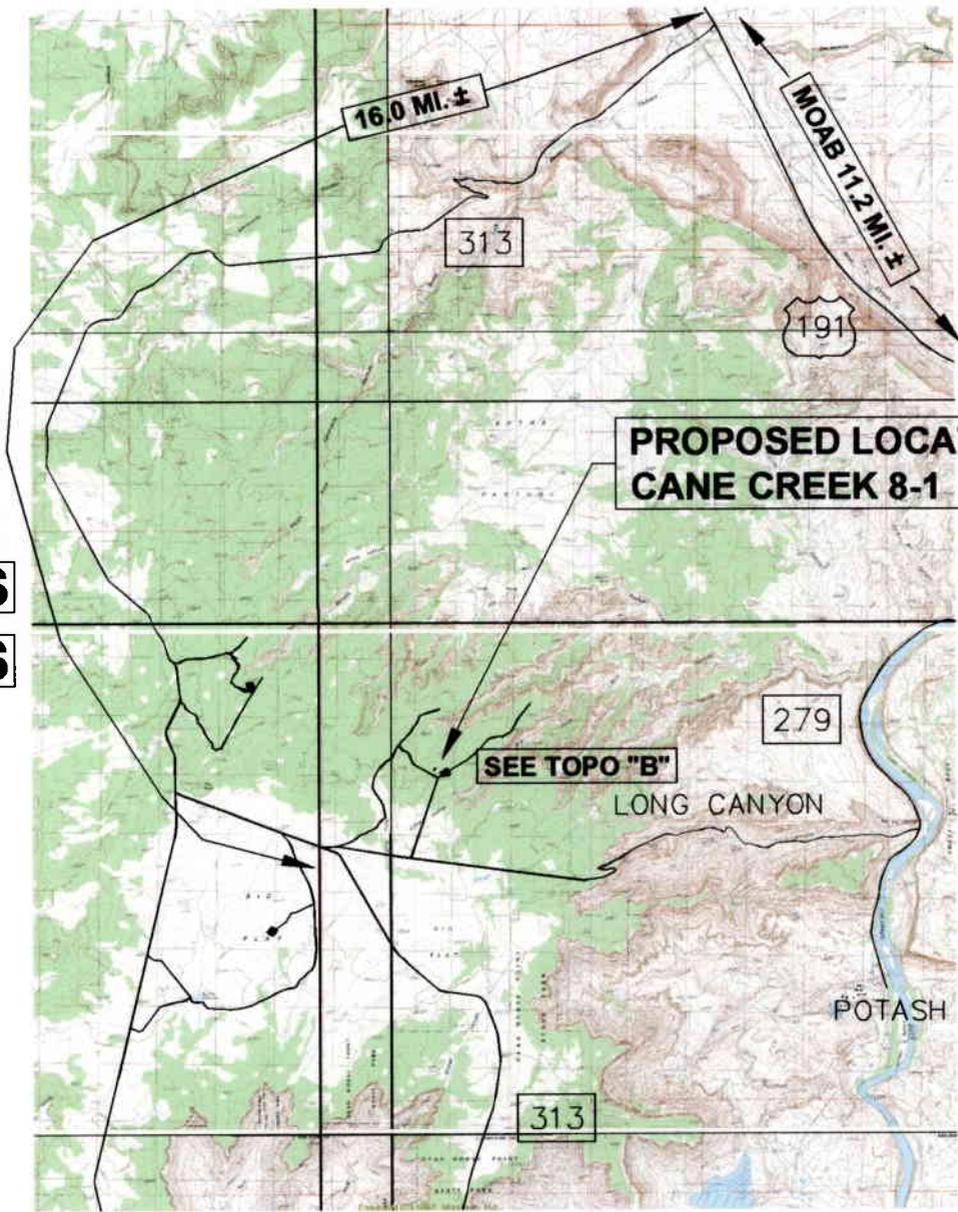
45 EAST CENTER STREET

MOAB, UTAH, 84532

DATE: 12-7-04 DRAWN BY: EJ CHECKED BY: TMK

**R19E R20E**

TO I-70 &  
GREEN RIVER



SCALE: 1" = 2 MILES

**T25S**

**T26S**

TO MOAB &  
US HWY 191

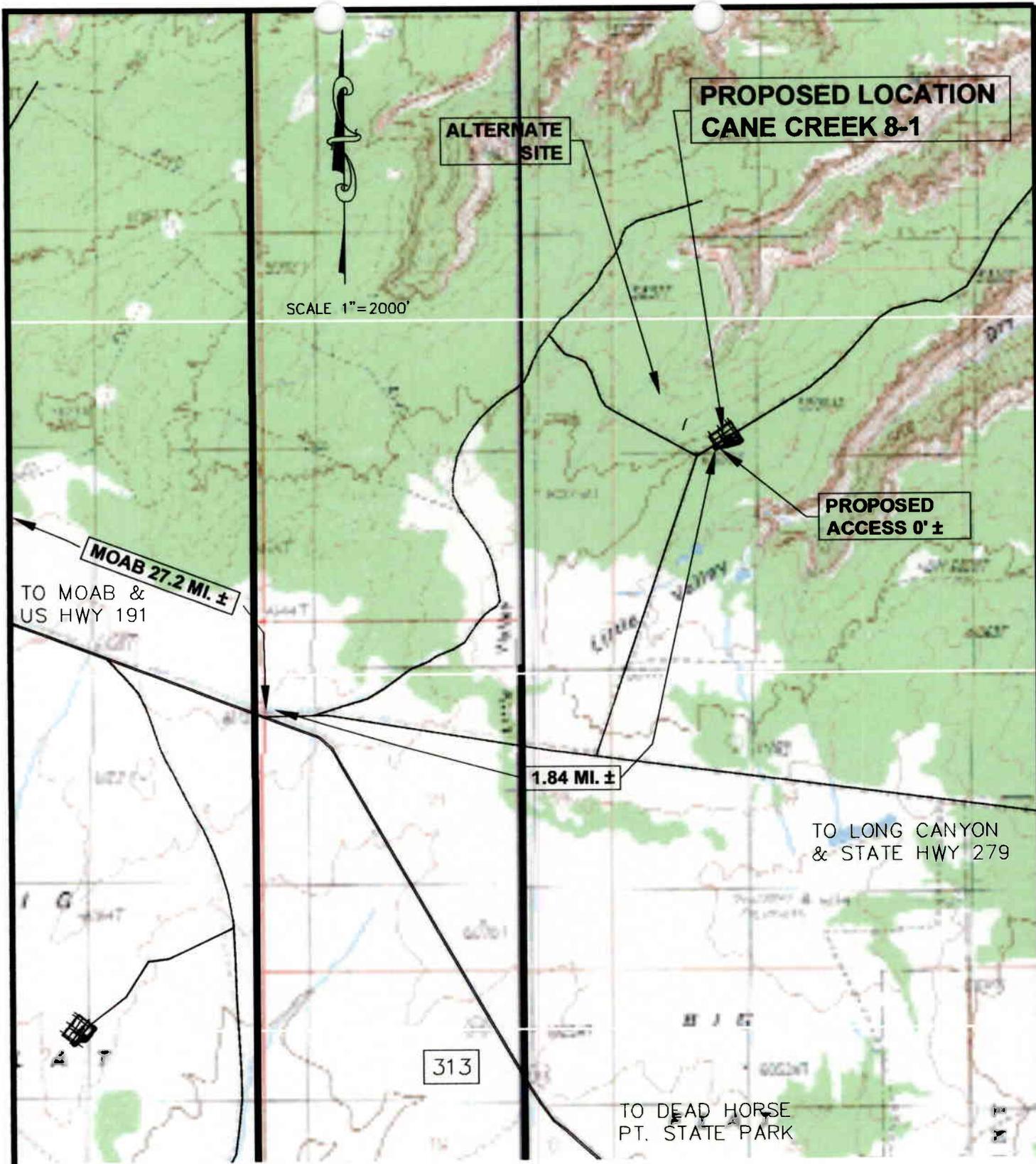
TO CANYONLANDS NAT'L  
PARK - ISLAND IN THE  
SKY DISTRICT

TO DEAD HORSE  
PT. STATE PARK

**INTREPID OIL + GAS LLC.**  
**STATE HWY. 313 MOAB, UTAH**  
**LOCATION LAYOUT FOR**  
**CANE CREEK 8-1**  
**SECTION 8, T26S R20E S.L.B.+M**  
**1429' FWL, 2563' FNL**

SHEET

**A**  
TOPO



**R19E R20E**

**KEOGH LAND SURVEYING**

45 EAST CENTER STREET MOAB, UTAH, 84532  
 DATE: 12-7-04 DRAWN BY: EJ CHECKED BY: TMK

**INTREPID OIL + GAS LLC.**  
 STATE HWY. 313 MOAB, UTAH  
 LOCATION LAYOUT FOR  
 CANE CREEK 8-1  
 SECTION 8, T26S R20E S.L.B.+M  
 1429' FWL, 2563' FNL

SHEET

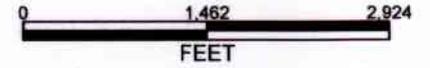
**B**  
 TOPO



### Cane Creek 8-1 Location Map

Section 8, T 26 S - R 20 E

Grand County, Utah

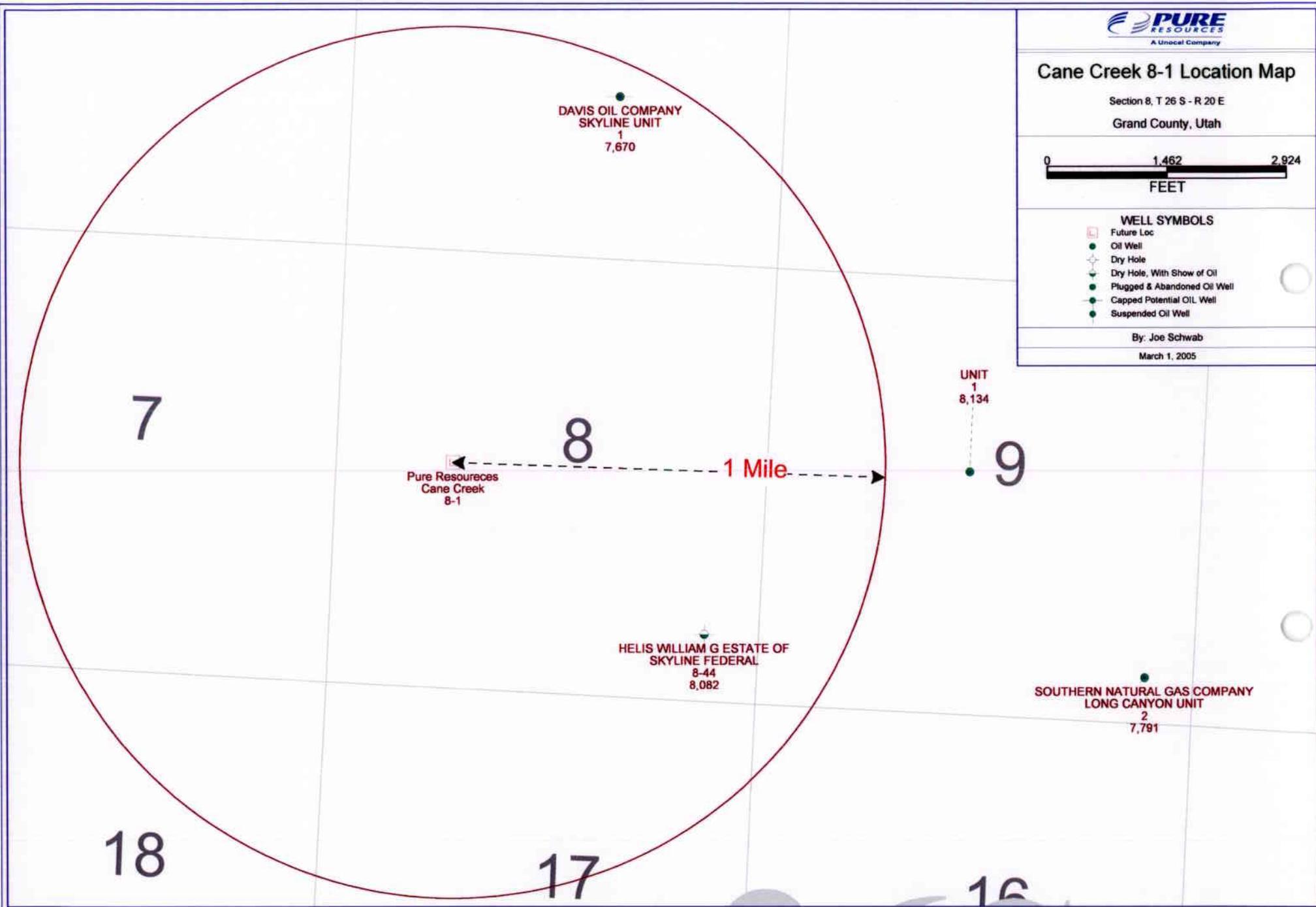


#### WELL SYMBOLS

- Future Loc
- Oil Well
- Dry Hole
- Dry Hole, With Show of Oil
- Plugged & Abandoned Oil Well
- Capped Potential OIL Well
- Suspended Oil Well

By: Joe Schwab

March 1, 2005



# KEOGH LAND SURVEYING

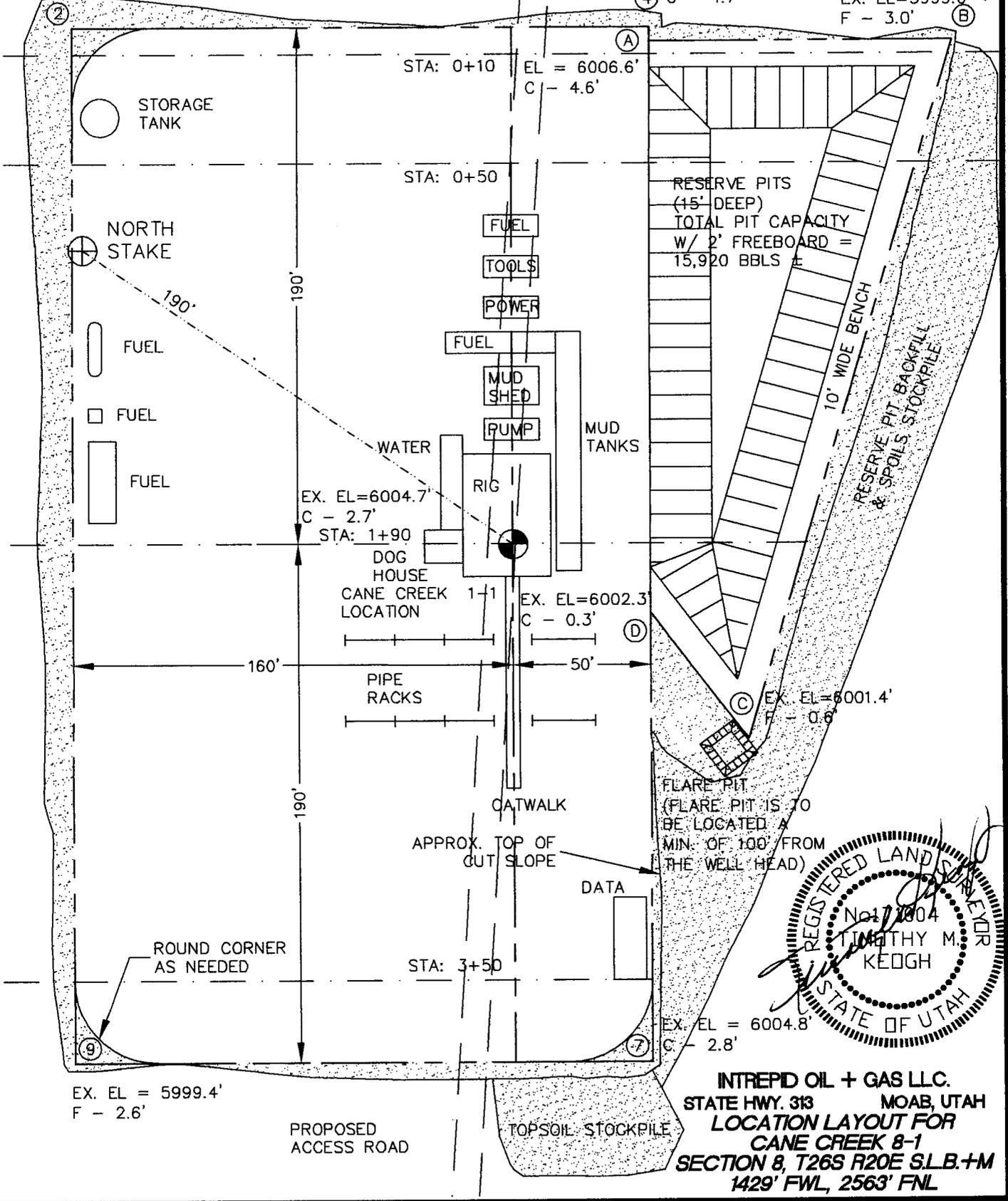
45 EAST CENTER STREET MOAB, UTAH, 84532  
 DATE: 12-7-04 DRAWN BY: EJ CHECKED BY: TMK

SCALE 1"=50'

EX. EL = 5993.7'  
 F - 8.3'

EX. EL = 6006.7'  
 C - 4.7'

EX. EL = 5999.0'  
 F - 3.0'

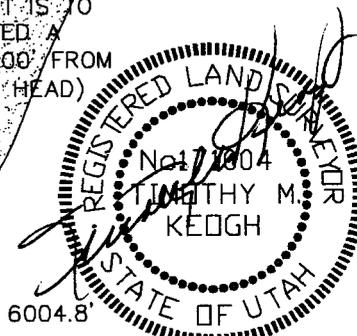


EX. EL = 5999.4'  
 F - 2.6'

PROPOSED ACCESS ROAD

TOPSOIL STOCKPILE

**INTREPID OIL + GAS LLC.**  
 STATE HWY. 313 MOAB, UTAH  
**LOCATION LAYOUT FOR**  
**CANE CREEK 8-1**  
**SECTION 8, T26S R20E S.L.B.+M**  
**1429' FWL, 2563' FNL**



**FEDERAL STIPULATIONS**

Any timing restrictions imposed by the Bureau of Land Management for this drill site will be stipulated as a Condition of Approval.



WORKSHEET

APPLICATION FOR PERMIT TO DRILL

005

APD RECEIVED: 03/28/2005

API NO. ASSIGNED: 43-019-31449

WELL NAME: CANE CREEK 8-1

OPERATOR: INTREPID OIL & GAS LLC ( N6810 )

CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

SENW 08 260S 200E

SURFACE: 2563 FNL 1429 FWL

BOTTOM: 2563 FNL 1429 FWL

GRAND

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-68122

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PNKRN

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 38.55600

LONGITUDE: -109.7402

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB00029 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

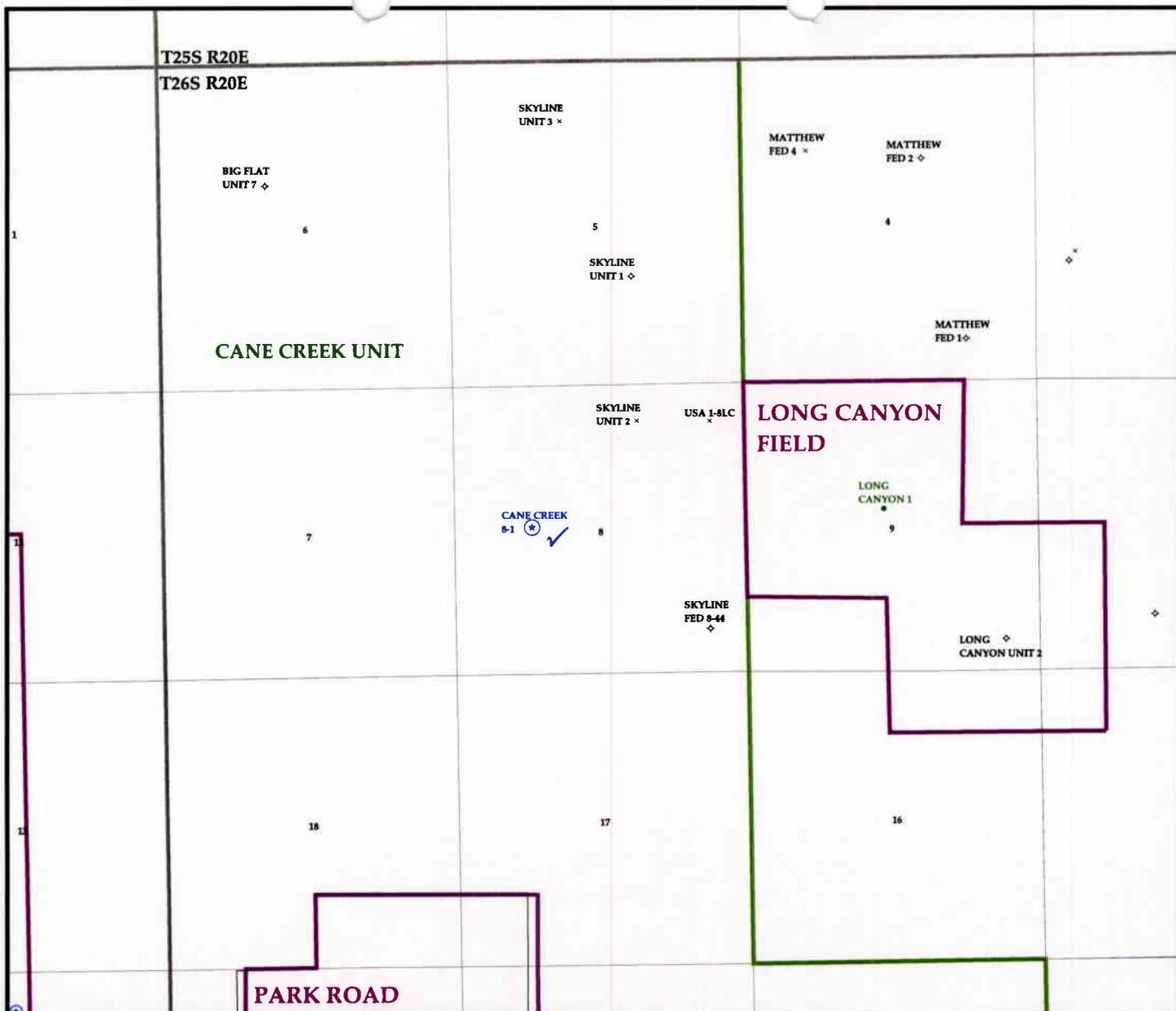
LOCATION AND SITING:

- \_\_\_\_ R649-2-3.
- Unit CANE CREEK *OL*
- \_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- \_\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- \_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Federal Approval*  
*2- Spacing Strip*



OPERATOR- INTREPID O&G LLC (N6810)

SEC. 8 T.26S R.20E

FIELD: UNDESIGNATED (002)

COUNTY: GRAND

SPACING: R649-3-3 / EXCEPTION LOCATION

**Wells**

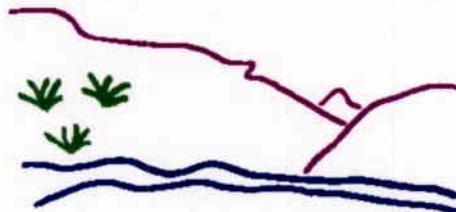
- ⚡ GAS INJECTION
- ⊙ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- \* PRODUCING GAS
- PRODUCING OIL
- ⊖ SHUT-IN GAS
- ➔ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ♠ WATER DISPOSAL

**Units.shp**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Fields.shp**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 25-MARCH-2005

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/28/2005

API NO. ASSIGNED: 43-019-31449

WELL NAME: CANE CREEK 8-1

OPERATOR: FIDELITY E&P COMPANY ( N3155 )

PHONE NUMBER: 303-857-9999

CONTACT: VENESSA LANGMACHER

PROPOSED LOCATION:

SENW 08 260S 200E  
 SURFACE: 2563 FNL 1429 FWL  
 BOTTOM: 2370 FNL 1310 FWL  
 COUNTY: GRAND  
 LATITUDE: 38.55600 LONGITUDE: -109.7402  
 UTM SURF EASTINGS: 609768 NORTHINGS: 4268053  
 FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-68122  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PNKRN  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

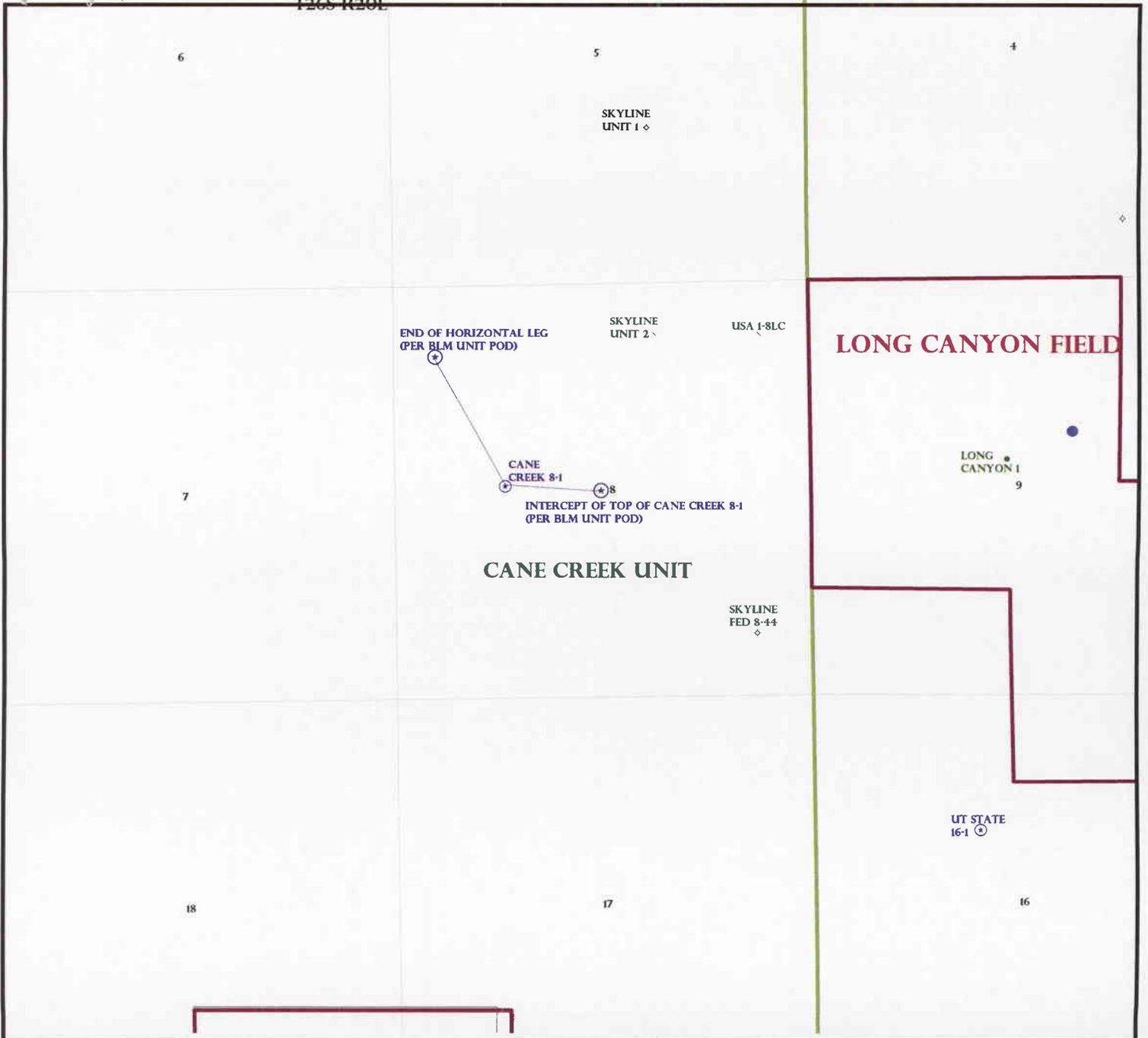
\_\_\_ Plat  
 \_\_\_ Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. CO 1395 )  
 \_\_\_ Potash (Y/N)  
 \_\_\_ Oil Shale 190-5 (B) or 190-3 or 190-13  
 \_\_\_ Water Permit  
 (No. MUNICIPAL )  
 \_\_\_ RDCC Review (Y/N)  
 (Date: )  
 \_\_\_ Fee Surf Agreement (Y/N)  
 \_\_\_ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.  
 Unit: CANE CREEK  
 \_\_\_ R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells  
 \_\_\_ R649-3-3. Exception  
 \_\_\_ Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Eff Date: \_\_\_\_\_  
 Siting: \_\_\_\_\_  
 \_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



OPERATOR: FIDELITY EXPL & PROD (N3155)

SEC: 8 T.26S R. 20E

FIELD: UNDESIGNATED (002)

COUNTY: GRAND

SPACING: R649-3-2 / GENERAL SITING \*HORIZONTAL:

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 03-MARCH-2008

# KEOGH LAND SURVEYING

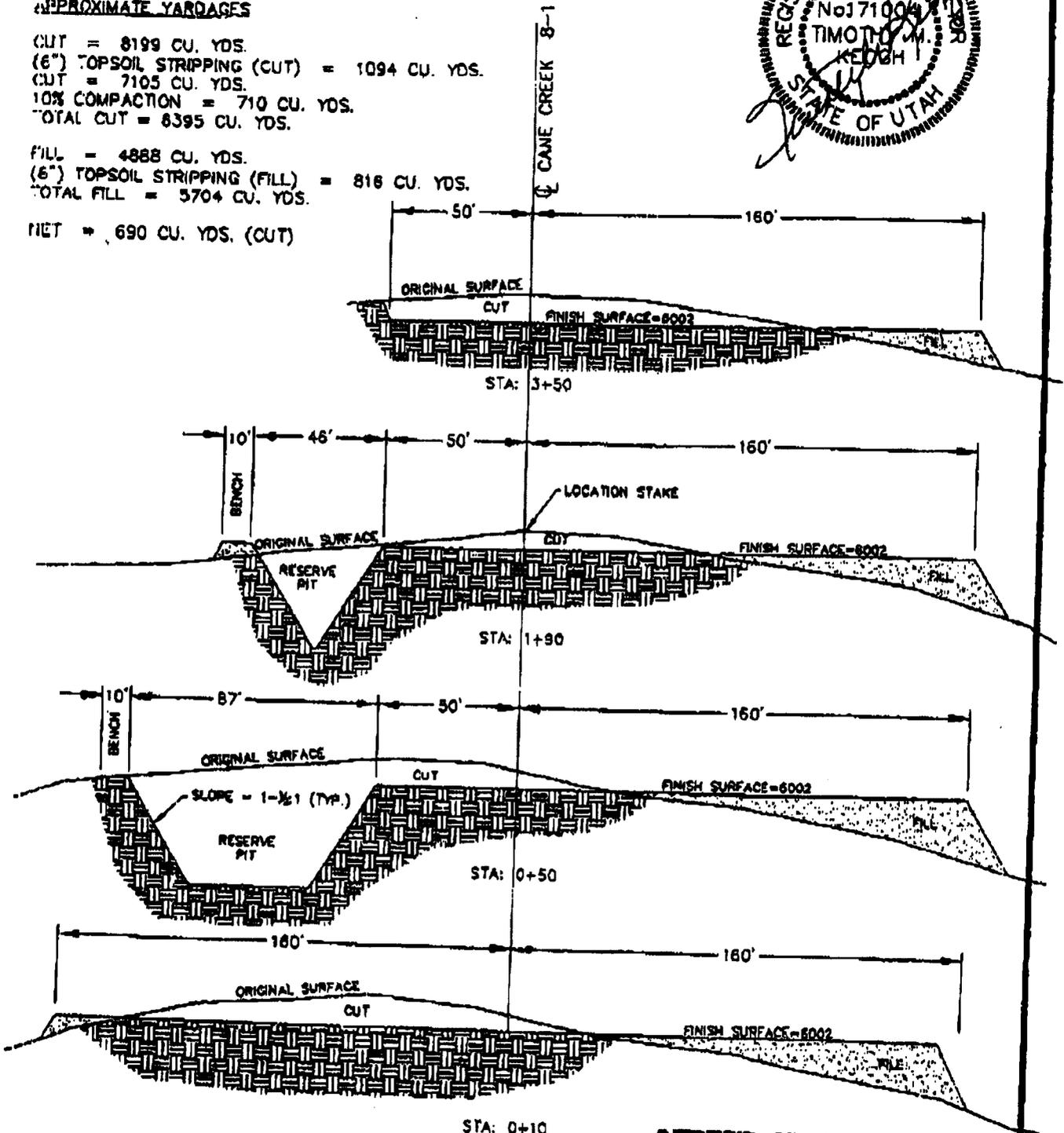
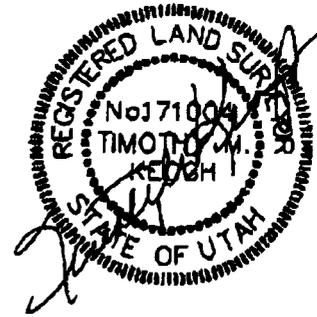
45 EAST CENTER STREET MOAB, UTAH, 84532  
DATE: 12-7-04 DRAWN BY: EJ CHECKED BY: TMK

## APPROXIMATE YARDAGES

CUT = 8199 CU. YDS.  
(6") TOPSOIL STRIPPING (CUT) = 1094 CU. YDS.  
CUT = 7105 CU. YDS.  
10% COMPACTION = 710 CU. YDS.  
TOTAL CUT = 8395 CU. YDS.

FILL = 4888 CU. YDS.  
(6") TOPSOIL STRIPPING (FILL) = 816 CU. YDS.  
TOTAL FILL = 5704 CU. YDS.

NET = 690 CU. YDS. (CUT)



SCALE: HORZ. 1"=50'  
VERT 1"=20'

INTREPID OIL + GAS LLC.  
STATE HWY. 313 MOAB, UTAH  
TYPICAL CROSS SECTIONS FOR  
CANE CREEK 8-1  
SECTION 8, T26S R20E S.L.B.+M  
1429' FWL, 2563' FWL

RECEIVED

MAR 28 2005

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

March 29, 2005

Intrepid Oil & Gas, LLC  
700 - 17th St., Suite 1700  
Denver, CO 80202

Re: Cane Creek 8-1 Well, 2563' FNL, 1429' FWL, SE NW, Sec. 8, T. 26 South,  
R. 20 East, Grand County, Utah

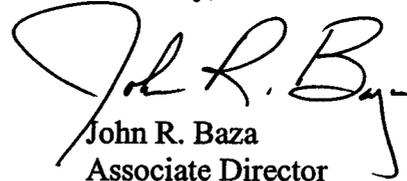
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31449.

Sincerely,

  
John R. Baza  
Associate Director

pab  
Enclosures

cc: Grand County Assessor  
Bureau of Land Management, Moab District Office

**Operator:** Intrepid Oil & Gas, LLC  
**Well Name & Number** Cane Creek 8-1  
**API Number:** 43-019-31449  
**Lease:** UTU-68122

**Location:** SE NW                      Sec. 8                      T. 26 South                      R. 20 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

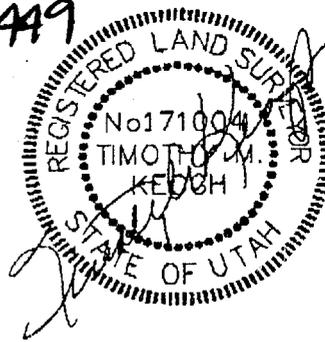
4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

# KEOGH LAND SURVEYING

43,019,3149

45 EAST CENTER STREET MOAB, UTAH, 84532  
DATE: 12-7-04 DRAWN BY: EJ CHECKED BY: TMK

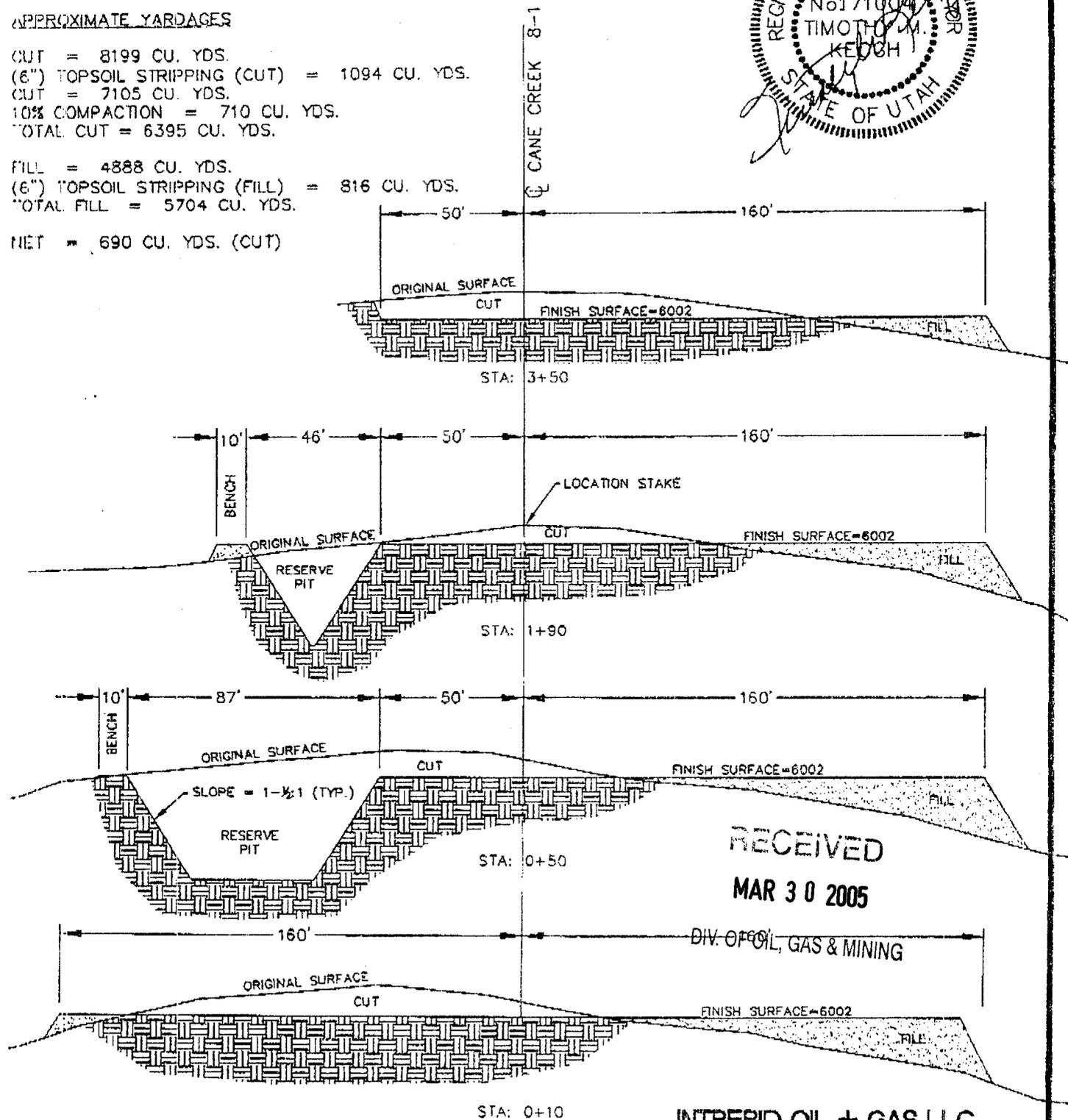


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(6") TOPSOIL STRIPPING (CUT) = 1094 CU. YDS.  
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10% COMPACTION = 710 CU. YDS.  
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(6") TOPSOIL STRIPPING (FILL) = 816 CU. YDS.  
TOTAL FILL = 5704 CU. YDS.

NET = 690 CU. YDS. (CUT)



RECEIVED  
MAR 30 2005

DIV. OF OIL, GAS & MINING

INTREPID OIL + GAS LLC.  
STATE HWY. 313 MOAB, UTAH  
TYPICAL CROSS SECTIONS FOR  
CANE CREEK 8-1  
SECTION 8, T26S R20E S.L.B.+M  
1429' FWL, 2563' FNL

SCALE: HORZ. 1"=50'  
VERT. 1"=20'

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-019-31449

**Well Name:** Cane Creek #8-1

**Location:** SE NW Section 8, T26S - R20E

**Company Permit Issued to:** Intrepid Oil & Gas, LLC

**Date Original Permit Issued:** 3/29/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If location on private land, has the ownership changed, if so, has the surface agreement been updated?    Yes     No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?    Yes     No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?    Yes     No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location?    Yes     No

Has the approved source of water for drilling changed?    Yes     No

Have there been any physical changes to the surface location or access route which would require a change in plans from what was discussed at the onsite evaluation?    Yes     No

Is bonding still in place, which covers this proposed well?    Yes     No

Venessa Langmacher  
Venessa Langmacher - Permitco Inc.

May 8, 2006  
Date

Title: Consultant for Intrepid Oil & Gas, LLC

**RECEIVED**  
**MAY 11 2006**  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number  
**UTU-68122**

7. Indian Allottee or Tribe Name  
**N/A**

8. Unit or Communitization Agreement  
**Cane Creek Unit**

9. Well Name and Number  
**Cane Creek #8-1**

10. API Well Number  
**43-019-31449**

11. Field and Pool, or Wildcat  
**Undesignated**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

2. Name of Operator  
**Intrepid Oil & Gas, LLC**

3. Address of Operator  
**700 - 17th Street, Suite 1700, Denver, CO 80202**

4. Telephone Number  
**303/296-3006**

5. Location of Well  
Footage : **2563' FNL and 1429' FWL** County : **Grand County**  
QQ, Sec, T., R., M. : **SE NW Sec. 8, T26S - R20E** State : **Utah**

**12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Request 1 year extension of APD
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Intrepid Oil & Gas, LLC requests a one year extension of the subject APD.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 05-15-06  
By: [Signature]

DATE TO OPERATOR  
2-21-06  
[Signature]

14. I hereby certify that the foregoing is true and correct.

Name & Signature Venus Langmacker Title Consultant for Intrepid Oil & Gas, LLC Date 05/08/06

(State Use Only)

RECEIVED  
MAY 11 2006

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

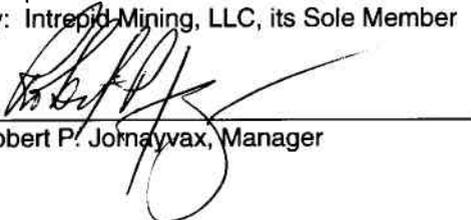
FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See attached Exhibit</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: <b>See attached Exhibit</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>See attached Exhibit</b>
2. NAME OF OPERATOR: <b>Babcock &amp; Brown Energy Inc.</b>	<b>N3135</b>	9. API NUMBER: <b>See attach</b>
3. ADDRESS OF OPERATOR: 1512 Lanimer St, Suite 550 CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT: <b>See attached Exhibit</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED EXHIBIT FOR ALL WELLS &amp; DETAILS</b>		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

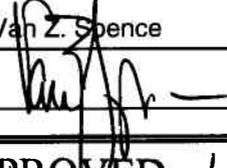
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective October 1, 2006, Intrepid Oil & Gas LLC resigned as Operator of the wells listed on the attached Exhibit and Babcock & Brown Energy Inc. has been designated as successor Operator. Concurrent with this action, Intrepid Oil & Gas LLC resigns as Operator of this well and names Babcock & Brown Energy Inc. as successor Operator. Bond Number 8785513659 will be used to cover operations by Babcock & Brown Energy Inc. (BLM Statewide Bond UTB-00240)

Intrepid Oil & Gas LLC  
By: Intrepid Mining, LLC, its Sole Member  
  
Robert P. Jorjanyax, Manager

**N6810**

NAME (PLEASE PRINT) <u>Van Z. Spence</u>	TITLE <u>President</u>
SIGNATURE 	DATE <u>11/15/2006</u>

(This space for State Use Only) **APPROVED 1111107 = UIC**  
**Earlene Russell**  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

*12/28/06  
all other wells*

**RECEIVED**  
**DEC 18 2006**  
DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

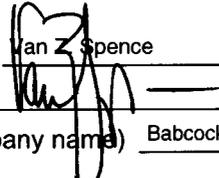
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

<b>Well name:</b>	Cane Creek No. 8-1
<b>API number:</b>	4301931449
<b>Location:</b>	Qtr-Qtr: SENW Section 8 Township 26S Range 20E
<b>Company that filed original application:</b>	Intrepid Oil & Gas LLC
<b>Date original permit was issued:</b>	
<b>Company that permit was issued to:</b>	Intrepid Oil & Gas LLC

Check one	Desired Action:
<input type="checkbox"/>	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	<b>Transfer approved Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		
<input type="checkbox"/> If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. <u>BLM Statewide Bond UTB-00240</u>	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Van Z Spence Title President  
 Signature  Date 11/15/2006  
 Representing (company name) Babcock & Brown Energy Inc.

**RECEIVED**  
**DEC 18 2006**

DIV. OF OIL, GAS & MINING

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

DEC 19 2006

Babcock & Brown Energy Inc.  
1512 Larimer, Suite 550  
Denver, CO 80202

Re: Cane Creek Unit  
Grand & San Juan Counties,

Gentlemen:

On December 18, 2006, we received an indenture dated October 1, 2006, whereby Intrepid Oil & Gas LLC resigned as Unit Operator and Babcock & Brown Energy Inc. was designated as Successor Unit Operator for the Cane Creek Unit, Grand and San Juan Counties, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 19, 2006. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Cane Creek Unit Agreement.

Your statewide (Utah) oil and gas Bond No. UTB000240 will be used to cover all operations within the Cane Creek Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

*/s/ Douglas Cook*

Douglas Cook  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager -Moab (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Dockets  
File -Cane Creek Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files  
CSeare:cs12/19/06Babcock

RECEIVED

DEC 21 2006

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 10/1/2006

<b>FROM: (Old Operator):</b> N6810-Intrepid Oil & Gas, LLC 700 17th St, Suite 1700 Denver, CO 80202 Phone: 1 (303) 296-3006	<b>TO: ( New Operator):</b> N3135-Babcock & Brown Energy, Inc. 1512 Larimer St, Suite 550 Denver, CO 80202 Phone: 1 (303) 460-1132	
<b>CA No.</b>	<b>Unit:</b>	<b>CANE CREEK</b>

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/18/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/18/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/28/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 6404096-0143
- 5a. (R649-9-2) Waste Management Plan has been received on: REQUESTED
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: OK
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 12/19/2006 BIA
7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 12/19/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 12/28/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/26/2006
3. Bond information entered in RBDMS on: 12/28/2006
4. Fee/State wells attached to bond in RBDMS on: 12/28/2006
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 12/28/2006

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000240
- 3a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 8785513659
- 3b. The **FORMER** operator has requested a release of liability from their bond on: not yet

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**EXHIBIT "A"**

Attached to Form 9, Change of Operator, from Intrepid Oil & Gas LLC to Babcock & Brown Energy Inc., effective October 1, 2006

LEASE	UNIT	WELL NAME/NUMBER	API NO.	FIELD	LOCATION							TYPE
					Footage	QrtQrt	Sec.	Twp	Rge	County		
UTU 047858	N/A	Long Canyon No. 1	43-019-15925	Long Canyon	2,339' FNL	2,473' FWL	SENW	9	26S	20E	Grand	Oil Well
UTU 065971	Kane Springs	Kane Springs Federal No. 27-1	43-019-31310	Big Flat	1,650' FSL	1,700' FEL	NWSE	27	25S	19E	Grand	Oil Well
UTU 053626	Kane Springs	Kane Springs Federal No. 19-1A	43-019-31324	Park Road	800' FSL	1,918' FEL	SWNE	19	26S	20E	Grand	Oil Well
ML-40761	Cane Creek	Cane Creek No. 2-1	43-019-31396	Big Flat	2,289' FNL	518' FEL	SENE	2	26S	19E	Grand	Oil Well
UTU 047858	Kane Springs	Kane Springs Federal No. 10-1	43-019-31331	Hell Roaring	2,333' FSL	2,112' FEL	NWSE	10	25S	18E	Grand	Oil Well
UTU 053624	Kane Springs	Kane Springs Federal No. 25-19-34-1	43-019-31334	Big Flat	934' FNL	1,678' FEL	NWNE	34	25S	19E	Grand	Oil Well
ML 44333	Kane Springs	Kane Springs Federal No. 16-1	43-019-31341	Wildcat	960' FSL	1,960' FWL	SESW	16	25S	18E	Grand	Water Disposal
UTU 065972	Cane Creek	Cane Creek No. 1-1 (Permit)	43-019-31446	Wildcat	2,240' FSL	1,317' FWL	NWSW	1	26S	19E	Grand	Oil Well
UTU 068122	Cane Creek	Cane Creek No.8-1 (Permit)	43-019-31449	Wildcat	2,563' FNL	1,429' FWL	SENW	8	26S	20E	Grand	Oil Well
UTU 046693	Cane Creek	Cane Creek 24-1 (Permit)	43-019-31447	Wildcat	682' FNL	2,829' FEL	NENW	24	26S	19E	Grand	Oil Well

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT - for such proposals</small>		6. Lease Designation and Serial Number <b>UTU-68122</b>
		7. Indian Allottee or Tribe Name <b>N/A</b>
		8. Unit or Communitization Agreement <b>Cane Creek Unit</b>
		9. Well Name and Number <b>Cane Creek #8-1</b>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	2. Name of Operator <b>Babcock &amp; Brown Energy Inc.</b>	10. API Well Number <b>43-019-31449</b>
3. Address of Operator <b>1512 Larimer Street, Suite 550, Denver, CO 80202</b>	4. Telephone Number <b>303/460-1132</b>	11. Field and Pool, or Wildcat <b>Undesignated</b>
5. Location of Well Footage : <b>2563' FNL and 1429' FWL</b> County : <b>Grand County</b> QQ, Sec. T., R., M. : <b>SE NW Sec. 8, T26S - R20E</b> State : <b>Utah</b>		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
<b>NOTICE OF INTENT</b> <small>(Submit in Duplicate)</small>		<b>SUBSEQUENT REPORT</b> <small>(Submit Original Form Only)</small>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input checked="" type="checkbox"/> Other <u>Request 1 year extension of APD</u>		Date of Work Completion _____	
Approximate Date Work Will Start _____		<small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>	

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Babcock & Brown Energy Inc. requests a one year extension of the subject APD.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 03-26-07  
By: [Signature]

3-28-07  
RM

14. I hereby certify that the foregoing is true and correct.

Name & Signature Venessa Sanmacker Title Consultant for Babcock & Brown Energy Inc. Date 03/22/07

(State Use Only)

**RECEIVED  
MAR 26 2007**

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-019-31449

**Well Name:** Cane Creek #8-1

**Location:** SE NW Section 8, T26S - R20E

**Company Permit Issued to:** Babcock & Brown Energy Inc.

**Date Original Permit Issued:** 3/8/2005  
29

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If location on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which would require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

Venessa Langmacher  
Venessa Langmacher - Permitco Inc.

March 22, 2007  
Date

Title: Consultant for Babcock & Brown Energy Inc.

RECEIVED

MAR 26 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT - for such proposals		6. Lease Designation and Serial Number <b>UTU-68122</b>
		7. Indian Allottee or Tribe Name <b>N/A</b>
		8. Unit or Communitization Agreement <b>Cane Creek Unit</b>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number <b>Cane Creek #8-1</b>
2. Name of Operator <b>Babcock &amp; Brown Energy Inc.</b>		10. API Well Number <b>43-019-31449</b>
3. Address of Operator <b>1512 Larimer Street, Suite 550, Denver, CO 80202</b>	4. Telephone Number <b>303/460-1132</b>	11. Field and Pool, or Wildcat <b>Undesignated</b>
5. Location of Well Footage : <b>2563' FNL and 1429' FWL</b> County : <b>Grand County</b> QQ, Sec, T., R., M. : <b>SE NW Sec. 8, T26S - R20E</b> State : <b>Utah</b>		
12. <b>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input checked="" type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Babcock & Brown Energy Inc. hereby requests to revise the drilling program for the above mentioned well. Attached please find the revised drilling program.**

3-30-07  
RM

14. I hereby certify that the foregoing is true and correct.

Name & Signature Viviana Sarmiento Title Consultant for Babcock & Brown Energy Inc. Date 03/22/07

(State Use Only)

**Utah Division of  
Oil, Gas and Mining**

Date: 3/29/07  
By: [Signature]

(8/90)

Federal Approval Of This  
Action Is Necessary

See Instructions on Reverse Side

**RECEIVED**  
**MAR 26 2007**  
DIV. OF OIL, GAS & MINING

**CONFIDENTIAL - TIGHT HOLE**

**ONSHORE OIL & GAS ORDER NO. 1**

Approval of Operations on Onshore  
Federal and Indian Oil & Gas Leases

**Cane Creek #8-1**

2563' FNL and 1429' FWL  
SE NW Section 8, T26S - R20E  
Grand County, Utah

Prepared For:

**BABCOCK & BROWN ENERGY INC.**

By:

PERMITCO INC.  
14421 County Road 10  
Ft. Lupton, Colorado 80621  
303/857-9999

Copies Sent To:

- 4 - BLM - Moab, UT
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT
- 1 - Fidelity Exploration & Production Company - Denver, CO
- 1 - Babcock & Brown Energy Inc. - Denver, CO
- 1 - Energy Operating Company, Inc. - Lakewood, CO



ONSHORE ORDER NO. 1  
 Babcock & Brown Energy Inc.  
**Cane Creek #8-1**  
 2563' FNL and 1429' FWL  
 SE NW Section 8, T26S - R20E  
 Grand County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-68122

**DRILLING PROGRAM**

Page 1

**ONSHORE OIL & GAS ORDER NO. 1  
 Approval of Operations on Onshore  
 Federal and Indian Oil and Gas Leases**

Based on our interpretation of the 3D seismic data, the proposed Cane Creek 8-1 is definitely fault separated from the currently producing Long Canyon #1. Our geologic model suggests that the proposed Cane Creek 8-1 and the Long Canyon #1 wells will produce from different fracture systems.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

**1. ESTIMATED TOPS/ GEOLOGIC MARKERS**

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>Measured Depth</i>	<i>Subsea</i>
Navajo/Kayenta	Surface	+6,002'
Wingate Ss	180'	+5,832'
Chinle	385'	+5,627'
Moenkopi	695'	+5,317'
Cutler	1,145'	+4,867'
Hermosa	1,920'	+4,092'
1 <sup>st</sup> Salt	3,995'	+2,017'
Clastic 3	4,415'	+1,597'
Clastic 15	6,145'	-133'
Cane Creek	7,155'	-1,143'
Pinkerton Trail	7,815'	-1,803'
T.D.	7,925'	-1,913'



2. **ESTIMATED DEPTH OF OIL, GAS WATER AND OTHER MINERAL BEARING ZONES**

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Brine	Clastic 15	6,145'
Oil	Cane Creek	7,155'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to the BLM. All oil and gas shows will be tested to determine commercial potential.

3. **BLOWOUT PREVENTER (BOP) EQUIPMENT**

Babcock & Brown Energy Inc.'s minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double, 10,000 psi w.p.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers will be inspected and operated each trip (no more than once a day is necessary), and annular preventers will be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.



Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

Pressure tests shall apply to all related well control equipment.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 10,000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

BOP Stack:                      600' to 4650'  
   13-5/8" x 3000 psi wp

   4650' to TD  
   11" x 10,000 psi wp



**4. CASING AND CEMENTING PROGRAM**

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume that maximum anticipated mud weights are as follows:
- |            |                        |
|------------|------------------------|
| 0-600'     | 10.0 ppg (0.52 psi/ft) |
| 600'-4650' | 10.0 ppg (0.52 psi/ft) |
| 4650'-TD   | 16.0 ppg (0.83 psi/ft) |
- c. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- d. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- e. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- f. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- g. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- h. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.



- i. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- j. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- k. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- l. The proposed casing program will be as follows:

<b>Purpose</b>	<b>Depth</b>	<b>Hole Size</b>	<b>O.D.</b>	<b>Weight</b>	<b>Grade</b>	<b>Type</b>	<b>New/Used</b>
Surface	0' - 450'	17-1/2"	13-3/8"	48#	H-40	ST&C	New
Intermediate	0' - 4,425'	12-1/4"	9-5/8"	40#	N-80	LT&C	New
Production	0' - 7,925'	8-3/4"	7"	29#	HCL-80	LT&C	New

\* Intermediate casing point may be revised depending on depth of first salt and the presence of any lost circulation. A casing scat based in the Clastics is desired.

- n. Casing design subject to revision based on geologic conditions encountered.



- o. The cement program will be as follows:

<b>Surface</b>	<b>Type and Amount</b>
0 - 600'	<b>Lead:</b> 225 sx Premium Light, 0.25 pps D29, 1% S1, +/- 15.8 ppg, 1.15 ft3/sk. <b>Tail:</b> 250 sx Class G, 0.25 pps D29, 1% S1, +/- 15.8 ppg, 1.15 ft3/sk
<b>Intermediate</b>	<b>Type and Amount</b>
0 - 4,650'	<b>Lead:</b> 800 sx Premium Lite, 5% Salt, 8% Bentonite, 3#/sk Kol Seal, 0.5% Sodium Metasilicate, 1/4 pps celloflake, +/- 15.8 ppg, 2.42 ft3/sk. <b>Tail:</b> 300 sx Class G, 5% Salt, 0.2% Sodium Metasilicate, 1/4 pps celloflake, 15.8 ppg, 1.17 ft3/sk.
<b>Production</b>	<b>Type and Amount</b>
3,800' - 7,700'	650 sx Class G, 0.45% D065, 0.25% D167, 0.35% D800, 0.2% D121, 0.2% D046, +/- 16.4 ppg, 1.08 ft3/sk.

\* Surface cement calculated with 100% excess.  
 Intermediate cement calculated with 50% excess.  
 Production cement calculated with 20% excess.

\* Actual cement volumes will be calculated from caliper log. Cement slurries are dependent upon actual bottom hole temperatures and pressures.

- p. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- q. The following reports shall be filed with the District Manager within 30 days after the work is completed.
1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:



- a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- r. Auxiliary equipment to be used is as follows:
  - 1. Kelly cock
  - 2. No bit float is deemed necessary.
  - 3. A sub with a full opening valve.
- s. The drilling procedure will be as follows:
  - 1. Drill into the Cane Creek formation at 7,155', and TD the straight hole at 7,925'
  - 2. Test or evaluate the Cane Creek or other zones of interest as deemed necessary.
  - 3. Set 7" casing at 7,925' and cement to 3,800'.

**5. MUD PROGRAM**

- a. The proposed circulating mediums to be employed in drilling are as follows:

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>
0' - 4,425'	Air or Fresh Water Gel	8.8-9.4	30-38	20-30
4,425' - 7,725'	80/20 Oil Base Mud	10-16	50-60	10-20

\* Air/mist/foam will be utilized until significant water influx is observed.

Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected.



- b. Due to potential for contamination of usable quality water aquifers, chromates are banned from Federal leases.
- c. Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing or completion operations.

## 6. TESTING, LOGGING AND CORING

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated. However, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of (at a minimum), Gamma Ray, Density Neutron and Sonic Logs from surface casing to TD.
- c. No cores are anticipated.



- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows:
- Perforate zones of interest and place on production.

**7. ANTICIPATED PRESSURES AND H<sub>2</sub>S**

- a. The expected maximum bottom hole pressure is +/- 6000 psi.
- b. No hydrogen sulfide gas was encountered on the Cane Creek #2-1, therefore the need for an H<sub>2</sub>S plan is not anticipated.
- c. As per Onshore Order No. 6, III,A,2.b., if hydrogen sulfide is present the "operator shall initially test the H<sub>2</sub>S concentration of the gas stream for each well or production facility..." Submit the results of this test within 30 days of filing Form 3160-4, "Well Completion or Recompletion Report and Log".

**8. OTHER INFORMATION AND NOTIFICATION REQUIREMENTS**

- a. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- b. Production data shall be reported to the MMS pursuant to 30 CFR 216.5 using form MMS/3160.



- c. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which gas is first measured through permanent metering facilities, whichever first occurs.
- d. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- e. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.
- f. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 and Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.
- g. Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

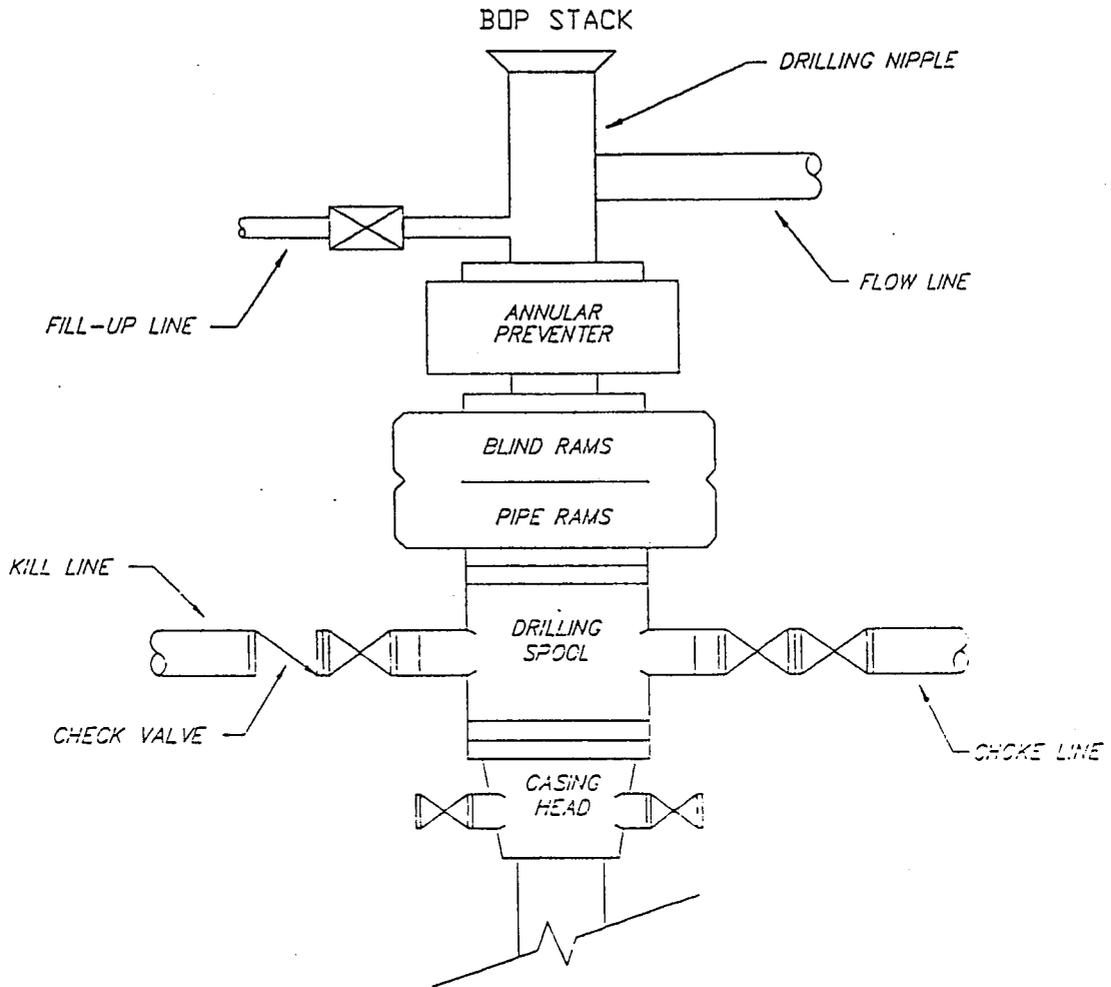


If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

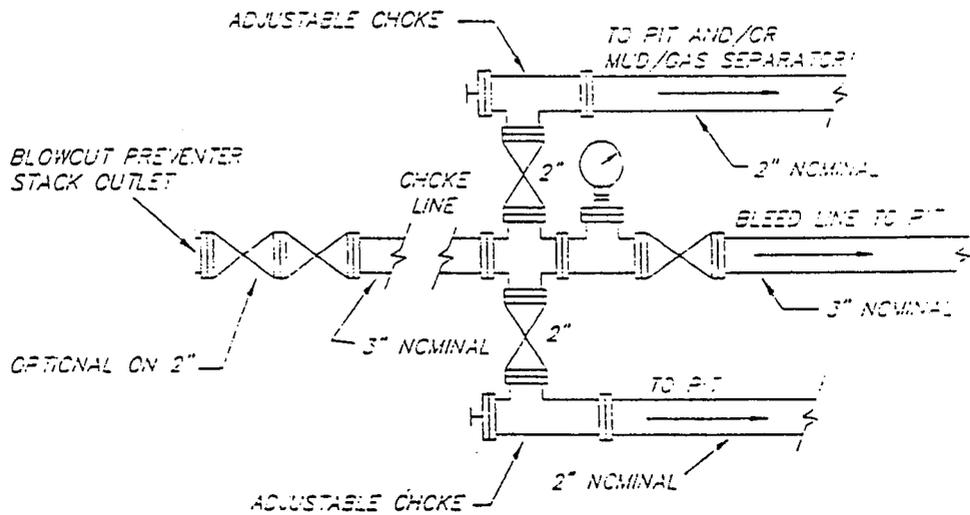
- h. Drilling operations are planned to commence upon approval of this application.
- i. It is anticipated that the drilling of this well will take approximately 25 days.
- j. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- k. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- l. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- m. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative. or the appropriate Surface Managing Agency.



TYPICAL 3,000 p.s.i.  
BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i.  
CHOKER MANIFOLD SCHEMATIC



H-3180-1 UNITIZATION (EXPLORATORY)

FORMAT FOR A DESIGNATION OF AGENT

(Submit in triplicate)

The undersigned is, on the records of the Bureau of Land Management, Unit Operator under the Cane Creek Unit Agreement, Grand County, UT, No. UTU-, approved and effective on 4/15/2002 San Juan 80000X and hereby designates:

Name: Fidelity Exploration & Production Co  
Address: 1700 Lincoln St. Ste 2800  
Denver, CO 80203

as its agent, with full authority to act on its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the Authorized Officer or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, and completing Unit Well No. 8-1 in the SE 1/4 NW1/4, Sec. 8, T.26, R20, Grand County, Utah. Bond coverage will be provided under (Statewide, Nationwide, Lessee) Bond No. CO 1395

It is understood that this Designation of Agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the oil and gas operating regulations. It is also understood that this Designation of Agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his duly authorized representative.

The Unit Operator agrees promptly to notify the Authorized Officer of any change in the designated agent.

This Designation of Agent is deemed to be temporary and in no manner a permanent arrangement, and a designated agent may not designate another party as agent.

Attachment 6, Page 1

2-110

**APPROVED - EFFECTIVE, MAY 16 2007**

**ACTING**

**CHIEF, BRANCH OF FLUID MINERALS  
BUREAU OF LAND MANAGEMENT**

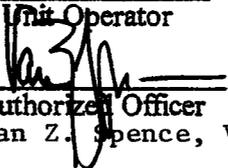
RECEIVED  
MOAB FIELD OFFICE  
2007 MAY 23 AM 10:11

*m-moab*

H-3180-1 - UNITIZATION (EXPLORATORY)

This designation is given only to enable the agent herein designated to drill the above specified well. It is understood that this Designation of Agent is limited to the field operations performed while drilling and completing the specified well and does not include administrative actions requiring specific authorization of the Unit Operator. This designation in no way will serve as authorization for the agent to conduct field operations for the specified well after it has been completed for production. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate office of the Bureau of Land Management all reports and a Well Completion Report and Log (Form 3160-4) as required by the approved Application for Permit to Drill for the specified well.

In the event the above specified well is completed as a non-paying unit well, the authority for the designated agent to operate this well shall be established by completion of the Delegation of Authority to Operate Non-paying Unit Well form and submittal of the form to the appropriate office of the Authorized Officer.

<u>4/24/07</u>		<u>Babcock &amp; Brown Energy Inc.</u>
Date		Unit Operator
<u>4/24/07</u>	By:	
Date		Authorized Officer
		Van Z. Spence, Vice President

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: Cane Creek Unit

LEASE NUMBER: UTU 68122

and hereby designates

NAME: Fidelity Exploration & Production Company *N 3155*

ADDRESS: 1700 Lincoln St., Ste. 2800

city Denver state CO zip 80203

as his (check one) agent  / operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

Cane Creek Unit; Cane Creek #8-1  
043-019-31449  
SEW Sec 8 T26S-R20E  
2563 FNL & 1429 FWL

APPROVED 5/13/107  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: April 24, 2007

BY: (Name) Van Z Spence

(Signature) *[Signature]*

(Title) Vice President

(Phone) 303-460-1132

OF: (Company) Babcock & Brown Energy Inc.

(Address) 1512 Larimer St., Ste. 550

city Denver,

state CO zip 80202

RECEIVED

APR 30 2007

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name: Cane Creek 8 <del>4</del>	
API number: 043-019-31449	
Location: <u>SENW 8-T26S-R20E</u>	Qtr-Qtr:            Section:            Township:            Range:
Company that filed original application:	<u>Intrepid Oil &amp; Gas LLC</u>
Date original permit was issued:	<u>3/29/05</u>
Company that permit was issued to:	<u>Babcock &amp; Brown Energy Inc</u>

Check one	Desired Action:
<input type="checkbox"/>	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	<b>Transfer approved Application for Permit to Drill to new <del>operator</del> Agent</b>
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed? <u>Federal Land</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If so, has the surface agreement been updated? <u>N/A</u>	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>CO1395</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Marie O'Keefe Title Production Reporting Manager  
 Signature *Marie O'Keefe* Date 6/6/07  
 Representing (company name) Fidelity Exploration and Production

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

5. Lease Serial No. **UTU-68122** RECEIVED  
MOAB FIELD OFF

6. If Indian, Allottee or Tribe Name  
**N/A** 2005 MAR 21 P

7. If Unit or CA Agreement, Name and No.  
**Cane Creek Unit** DEPT OF THE INTER

8. Lease Name and Well No.  
**Cane Creek #8-1** BUREAU OF LAND M

9. API Well No.  
**4301931449**

10. Field and Pool, or Exploratory  
**Wildcat**

11. Sec., T., R., M., or Blk. and Survey or Area  
**Sec. 8, T26S-R20E**

12. County or Parish **Grand** 13. State **Utah**

1a. Type of Work:  DRILL  REENTER

b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator **Intrepid Oil & Gas, LLC. 303-296-3006 700-17th St., Suite 1700 Denver, CO 80202**

3. Name of Agent **Permitco Inc. - Agent 303-857-9999 14421 County Road 10 Fort Lupton, CO 80621**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface **2563' FNL and 1429' FWL**  
At proposed prod. zone **SE NW**

14. Distance in miles and direction from nearest town or post office\*  
**Approximately 29 miles northwest of Moab, Utah**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **1429'**

16. No. of Acres in lease **916.8**

17. Spacing Unit dedicated to this well **N/A**

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. **None**

19. Proposed Depth **7,925'**

20. BLM/BIA Bond No. on file **Statewide Bond Number UTB000029**

21. Elevations (Show whether DF, KDB, RT, GL, etc.) **6005' GL**

22. Approximate date work will start\* **ASAP**

23. Estimated duration **25 Days**

24. Attachments **CONFIDENTIAL-TIGHT HOLE**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, a SUPO shall be filed with the appropriate Forest Service Office.

- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized office.

25. Signature *Venessa Langmacher* Name (Printed/Typed) **Venessa Langmacher** Date **3/18/2005**

Title **Authorized Agent for Intrepid Oil & Gas, LLC.**

Approved by (Signature) */s/ A. Lynn Jackson* Name (Printed/Typed) **/s/ A. Lynn Jackson** Date **6/27/05**

Title **Assistant Field Manager, Division of Resources** Office **Division of Resources Moab Field Office**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

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CONDITIONS OF APPROVAL ATTACHED

SECTION 8, T 26 S, R 20 E, SLM

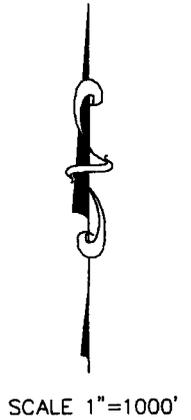
BASIS OF BEARINGS  
S 00°00'23" W 2648.13'

1429' FWL

2563' FNL

8

CANE CREEK 8-1  
LOCATION  
EXIST. EL = 6004.7'  
FIN. GRADE. EL. = 6002.0'



**LEGEND**



FOUND GOVERNMENT BRASS  
MONUMENT



SET SPIKE WITH LATH AT PROPOSED  
WELL LOCATION

NOTE: ELEVATIONS BASED ON USC&G  
"PLATEAU" (ELEV = 6316).

**KEOGH LAND SURVEYING**

45 EAST CENTER STREET

MOAB, UTAH, 84532

A SURVEY OF

**CANE CREEK 8-1**

WITHIN SECTION 8, T 26 S, R 20 E, SLM,  
GRAND COUNTY, UTAH

PREPARED FOR

**INTREPID OIL & GAS, LLC.**

*Timothy M. Keogh*  
TIMOTHY M. KEOGH  
*Feb. 28/05*  
DATE

DATE: 12-07-04	DRAWN BY: EJ	CHECKED BY: TMK
SCALE: 1"=1000'	F.B.# 141	INTREPID

Babcock & Brown Energy, Inc.  
Cane Creek No. 8-1  
Lease UTU-68122  
Cane Creek Unit  
SE/NW Sec. 8, T26S, R20E  
Grand County, Utah

**A COMPLETE COPY OF THIS APPROVED PERMIT and Conditions of Approval shall be maintained on location during all construction and drilling operations, and shall be available to contractors to ensure compliance.**

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Babcock & Brown Energy, Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UTB 000240 (Principal – Babcock & Brown Energy, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of two years from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. Failure to comply with the provisions of this permit, including applicable regulations, stipulations, and/or approval conditions, will be considered a violation subject to the enforcement provisions of 43 CFR Subpart 3163.

## A. DRILLING PROGRAM

1. BOPE -Intermediate Section: The intermediate section of hole (from the surface casing shoe to intermediate casing setting depth) will utilize a 3M BOP with two rams, an annular preventer (and a rotating head when drilling with air).
2. BOPE –Production Section: Below the intermediate shoe, a 10M BOP will be used. The use of a 5M annular preventer, as was proposed, is an acceptable exception to the 10M standards. Additional requirements of 10M BOPE systems, that were not addressed in the application, include, but are not limited to (please refer to Onshore Oil & Gas Order No. 2 for further detail):
  - mud/gas separator,
  - remote kill line running unobstructed to the edge of the substructure,
  - remotely operated choke line valve,
  - remotely operated choke

Installation, testing and operation of the BOP system shall be in conformance with Onshore Oil and Gas Order No. 2.
3. The surface casing (13-3/8") shall be set a minimum of 50 into the Chinle Formation.
4. Drilling reports, which describe the activities of each day, shall be submitted to the BLM Moab Field Office on a weekly, or more frequent, basis. In addition to a daily summary of activities, drilling reports shall include the drilling fluid weight, details of casing and cement, water flows, lost circulation zones and any other information that would contribute to the understanding of drilling conditions.
5. A pressure integrity test of the intermediate casing shoe/formation shall be conducted prior to drilling more than 20 feet below the shoe. This is test the casing shoe to the equivalent mud weight that it is expected to be exposed to. This is not intended to be a leak-off test.
6. A cement bond log (CBL) or other appropriate tool for determining cement top and quality shall be run on the 7-inch production casing.
7. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGGM) is required.

## B. SURFACE

### Soils:

1. Divert water from the access roads at frequent intervals to reduce erosion from the road surface.
2. Apply site-specific measures determined at the on-site inspections to minimize storm water runoff from the well pad.
3. Stockpile all brush, limbs, crushed stumps and other woody material separately from the topsoil just outside the well pad perimeter. Stockpile the stripped vegetation and available topsoil (to a 6" depth) separately just outside the well pad perimeter. Use the stripped vegetation for interim reclamation. If the topsoil stockpile is not used within six months it would be seeded or otherwise protected to ensure topsoil integrity and prevent erosion.
4. Prohibit off-road travel by employees or contractors except in emergency situations.
5. Distribute and seed any soil material that is excavated as a result of boring under the Long Canyon Road.
6. Stabilize and re-vegetate/reclaim as soon as practical following disturbance using seed mixes approved by the BLM or appropriate SMA.
7. Educate the field crews in the identification of soil crusts and the need to avoid them to minimize disturbance to crusts.
8. Restrict vehicle use to the upgraded areas of the existing 2-track roads and the disturbed area of the well pads.
9. Decrease vehicle tire pressure if possible while traveling off-road to reduce damage to biological crusts.

### Cultural Resources:

1. If subsurface cultural resources are unearthed during operations, activity in the vicinity of the cultural resource would cease and the BLM AO would be notified immediately. Pursuant to 43 CFR 10.4, the operator must notify the BLM AO by telephone, with written confirmation, immediately upon the discovery of human remains, funerary items, sacred objects, or objects of cultural patrimony. Further, the operator must stop all activities in the vicinity of the discovery until notified to proceed by the AO.
2. The operator will be responsible for informing all persons associated with this project that they will be subject to prosecution for knowingly disturbing Native American Indian shrines, historic and prehistoric archaeology sites, or for collecting artifacts of any kind, including historic items and/or arrowheads and pottery fragments from federal lands.
3. Survey all temporary use areas for the presence of cultural resources, including within the road ROWs.

TES Species:

1. Construction, drilling and completion operations will not occur within ½ mile of MSO nest locations, PACs, or prime habitat (unless cleared) between March 1 and August 31.
2. Recommended: The locked gate on the road on the mine property that leads to Big Chief Canyon should remain locked and a "No Trespassing" sign should be posted at the gate.
3. Recommended: The operator should initiate discussions with the State of Utah and Dead Horse Point State Park and offer to pay for and install a locked gate to deter vehicle access to the dirt road that provides access to the MSO PAC area through the park above Big Chief Canyon.

Migratory birds, including Raptors:

1. Conduct field surveys to determine the presence of nesting raptors prior to commencement of drilling or construction activities during the raptor nesting season.
2. Install flagging adjacent to active pits.
3. The following seasonal and spatial buffers should be applied to occupied raptor nests, as applicable to the project area. They have been developed and successfully applied for several years with input from, and in coordination with, the Utah Division of Wildlife Resources (UDWR) and the US Fish and Wildlife Service USFWS 2002 Utah Field Office Guidelines for Raptor Protection from the Human and Land Use Disturbances.

Species	Seasonal Buffer	Spatial Buffer
golden eagle	February 1 - July 15	½-mile
bald eagle	January 1 - August 15 November 1 - March 15 for winter roost areas)	1-mile
peregrine falcon	February 1 - August	1-mile
red-tailed hawk	April 1 - July 15	½-mile
burrowing owl	April 1 - August 15	¼-mile
American kestrel	May 1 - June 30	½-mile

Water:

1. Install silt fences downslope from the Cane Creek 1-1 and 8-1 locations during construction to prevent sediments from reaching Bull Canyon during precipitation events.

Recreation:

1. Coordinate with the Authorized Officer regarding the possible installation of noise control/attenuation equipment for the Cane Creek 1-1 and 8-1 so that the noise audible in the upper reaches of Bull and Dry Fork Canyons is diminished. Possible noise control mechanisms include the installation of sound insulated buildings and/or the use of hospital-type mufflers.

### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the Moab Field Office, Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed with the Moab Field Office for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Moab Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office. The Moab Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor (BLM) shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Moab Field Office or the appropriate surface managing agency.

## TABLE 1

### NOTIFICATIONS

Notify Jack Johnson (435-259-2129) or Eric Jones (435-259-2117) of the BLM Moab Field Office for the following:

2 days prior to beginning location and access construction (Jones);

1 day prior to spudding (Johnson);

50 feet prior to reaching the **surface** casing and **intermediate** casing setting depths;

3 hours prior to testing BOPs.

If the person at the above number cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-68122
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Cane Creek Unit
2. NAME OF OPERATOR: Fidelity Exploration & Production Company		8. WELL NAME and NUMBER: Cane Creek #8-1
3. ADDRESS OF OPERATOR: 1700 Lincoln St, Suite 2800 CITY Denver STATE CO ZIP 80203		9. API NUMBER: 4301931449
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563'FNL - 1429' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Grand STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Set Casing</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity Exploration & Production set 38' of 20" (0.25" W.T.) conductor pipe and cemented to surface w/6 yards Redi-mix cement on **8/10/07**. - Spud date

Work was done by Harrison Oilfield Service, phone no. 435-259-6430

NAME (PLEASE PRINT) <u>Marie O'keefe</u>	TITLE <u>Production Reporting Manager</u>
SIGNATURE <u><i>Marie O'Keefe</i></u>	DATE <u>10/25/2007</u>

(This space for State use only)

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NOV 05 2007  
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**ENTITY ACTION FORM**

Operator: Fidelity Exploration and Production Co. (Agent) Operator Account Number: N 3155  
Address: 1700 Linclon St., Suite 2800  
city Denver  
state CO zip 80203 Phone Number: (720) 931-6435

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931449	Cane Creek Unit #8-1		SENW	8	26S	20E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>A</u>	<u>99999</u>	<u>16464</u>	<u>10/22/2007</u>		<u>11/20/07</u>		
Comments: <u>PNKRN</u>							<b>CONFIDENTIAL</b>

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Marie O'Keefe

Name (Please Print)

*Marie O'Keefe*  
Signature

Production Reporting Mgr

11/1/2007  
Date

Title

Date



**FIDELITY EXPLORATION  
INTERMEDIATE CASING TALLY**

WELL NO: Cane Creek 8-1 FIELD: Wildcat REPORT BY: L.E. Buchanan DATE: 11/23/07

No.	Length	Total	No.	Length	Total	No.	Length	Total	No.	Length	Total	No.	Length	Total
Float Shoe	1.77	1.77	59	41.09	2531.68	119		4108.71	179		4108.71	239		4108.71
1	42.40	44.17	60	43.96	2575.64	120		4108.71	180		4108.71	240		4108.71
Float Collar	1.53	45.70	61	44.30	2619.94	121		4108.71	181		4108.71	241		4108.71
2	43.98	89.68	62	43.94	2663.88	122		4108.71	182		4108.71	242		4108.71
3	43.88	133.56	63	41.60	2705.48	123		4108.71	183		4108.71	243		4108.71
4	42.83	176.39	64	44.20	2749.68	124		4108.71	184		4108.71	244		4108.71
5	43.90	220.29	65	43.80	2793.48	125		4108.71	185		4108.71	245		4108.71
6	43.94	264.23	66	44.19	2837.67	126		4108.71	186		4108.71	246		4108.71
7	42.07	306.30	67	44.07	2881.74	127		4108.71	187		4108.71	247		4108.71
8	43.48	349.78	68	42.97	2924.71	128		4108.71	188		4108.71	248		4108.71
9	42.09	391.87	69	40.48	2965.19	129		4108.71	189		4108.71	249		4108.71
10	43.92	435.79	70	42.38	3007.57	130		4108.71	190		4108.71	250		4108.71
11	44.03	479.82	71	41.53	3049.10	131		4108.71	191		4108.71	251		4108.71
12	43.90	523.72	72	43.84	3092.94	132		4108.71	192		4108.71	252		4108.71
13	43.97	567.69	73	41.29	3134.23	133		4108.71	193		4108.71	253		4108.71
14	43.97	611.66	74	41.51	3175.74	134		4108.71	194		4108.71	254		4108.71
15	44.06	655.72	75	42.00	3217.74	135		4108.71	195		4108.71	255		4108.71
16	44.35	700.07	76	41.22	3258.96	136		4108.71	196		4108.71	256		4108.71
17	43.62	743.69	77	41.41	3300.37	137		4108.71	197		4108.71	257		4108.71
18	41.57	785.26	78	43.46	3343.83	138		4108.71	198		4108.71	258		4108.71
19	41.12	826.38	79	40.92	3384.75	139		4108.71	199		4108.71	259		4108.71
20	44.21	870.59	80	40.40	3425.15	140		4108.71	200		4108.71	260		4108.71
21	43.82	914.41	81	44.07	3469.22	141		4108.71	201		4108.71	261		4108.71
22	41.43	955.84	82	44.00	3513.22	142		4108.71	202		4108.71	262		4108.71
23	40.72	996.56	83	44.00	3557.22	143		4108.71	203		4108.71	263		4108.71
24	43.19	1039.75	84	42.08	3599.30	144		4108.71	204		4108.71	264		4108.71
25	43.33	1083.08	85	41.74	3641.04	145		4108.71	205		4108.71	265		4108.71
26	44.03	1127.11	86	38.29	3679.33	146		4108.71	206		4108.71	266		4108.71
27	42.60	1169.71	87	43.81	3723.14	147		4108.71	207		4108.71	267		4108.71
28	43.67	1213.38	88	43.71	3766.85	148		4108.71	208		4108.71	268		4108.71
29	38.66	1252.04	89	40.97	3807.82	149		4108.71	209		4108.71	269		4108.71
30	42.05	1294.09	90	43.91	3851.73	150		4108.71	210		4108.71	270		4108.71
31	42.34	1336.43	91	43.78	3895.51	151		4108.71	211		4108.71	271		4108.71
32	43.80	1380.23	92	41.28	3936.79	152		4108.71	212		4108.71	272		4108.71
33	43.94	1424.17	93	44.05	3980.84	153		4108.71	213		4108.71	273		4108.71
34	44.27	1468.44	94	42.31	4023.15	154		4108.71	214		4108.71	274		4108.71
35	41.13	1509.57	95	41.83	4064.98	155		4108.71	215		4108.71	275		4108.71
36	43.65	1553.22	96	43.73	4108.71	156		4108.71	216		4108.71	276		4108.71
37	44.35	1597.57	97		4108.71	157		4108.71	217		4108.71	277		4108.71
38	41.23	1638.80	98		4108.71	158		4108.71	218		4108.71	278		4108.71
39	41.73	1680.53	99		4108.71	159		4108.71	219		4108.71	279		4108.71
40	42.27	1722.80	100		4108.71	160		4108.71	220		4108.71	280		4108.71
41	41.55	1764.35	101		4108.71	161		4108.71	221		4108.71	281		4108.71
42	43.54	1807.89	102		4108.71	162		4108.71	222		4108.71	282		4108.71
43	43.68	1851.57	103		4108.71	163		4108.71	223		4108.71	283		4108.71
44	40.83	1892.40	104		4108.71	164		4108.71	224		4108.71	284		4108.71
45	40.33	1932.73	105		4108.71	164		4108.71	225		4108.71	285		4108.71
46	43.55	1976.28	106		4108.71	166		4108.71	226		4108.71	286		4108.71
47	43.59	2019.87	107		4108.71	167		4108.71	227		4108.71	287		4108.71
48	43.43	2063.30	108		4108.71	168		4108.71	228		4108.71	288		4108.71
49	43.18	2106.48	109		4108.71	169		4108.71	229		4108.71	289		4108.71
50	43.91	2150.39	110		4108.71	170		4108.71	230		4108.71	290		4108.71
51	42.37	2192.76	111		4108.71	171		4108.71	231		4108.71	291		4108.71
52	43.40	2236.16	112		4108.71	172		4108.71	232		4108.71	292		4108.71
53	40.97	2277.13	113		4108.71	173		4108.71	233		4108.71	293		4108.71
54	43.73	2320.86	114		4108.71	174		4108.71	234		4108.71	294		4108.71
55	43.70	2364.56	115		4108.71	175		4108.71	235		4108.71	295		4108.71
56	41.23	2405.79	116		4108.71	176		4108.71	236		4108.71	296		4108.71
57	41.60	2447.39	117		4108.71	177		4108.71	237		4108.71	297		4108.71
58	43.20	2490.59	118		4108.71	178		4108.71	238		4108.71	298		4108.71

Casing: <u>9 5/8", HCL-80, 40#/ft, LT&amp;C 8rd Csg</u>	<b>Total Feet Run:</b> <u>4,108.71</u>	<b>Total Feet on Loc:</b> <u>4,528.85</u>
	<b>Total Jts Run:</b> <u>96</u>	<b>Total Jts on Loc:</b> <u>106</u>
	<b>Shoe Depth:</b> <u>4,103.00</u>	<b>Total Feet Out:</b> <u>423.14</u>
	<b>Length Above RKB:</b> <u>5.71</u>	<b>Total Jts Out:</b> <u>10</u>
Hole Size: <u>12 1/4</u> in Hole Depth: <u>4103</u> ft		
RKB: <u>27</u> ft Pipe Supplier: <u>Midway Supply (McJunkin)</u>		<b>Cut-off Length:</b>

Shoe Type: Positive Float Guide Shoe (Gemaco) Float Collar Type: Positive Float Collar (Gemaco)  
 Centralizer/Scratcher Type & Placement: 1 cent 8ft above shoe, 1 cent below float collar with stop rings on 1st joint, then cents next 20 joints, then 12 cents every  
 Other Casing Hardware (DV tools, ECP's): other jnt, 4 cents every 3rd jnt = total of 38 centralizers Baker-Lok shoe, float collar 2nd jnt and spot weld same

**CEMENTING DETAILS**

Cementing Company: <u>Halliburton</u>	Cementing Supervisor: <u>Christopher Cicirello</u>
<b>Lead Slurry</b>	<b>Tail Slurry</b>
System: <u>Elasticseal+5#/sx silicate+20% sand-ssa-1-silica flour+0.1% versaset+1.5% zone sealer</u>	System: <u>Elasticseal+5#/sx silicate+20% sand-ssa-silica-flour+0.1% versaset+1.5% zone sealant</u>
Wet Vol: _____ cf Dry Vol: <u>1000</u> sacks	Wet Vol: _____ cf Dry Vol: <u>550</u> sacks
Density: <u>14.3</u> ppg Yield: <u>1.95</u> cf/sk	Density: <u>14.3</u> ppg Yield: <u>1.47</u> cf/sk
Mix Water: <u>6.44</u> gal/sk Excess: <u>75%</u> %	Mix Water: _____ gal/sk Excess: <u>75%</u> %
3 RPM: _____ 300 RPM: _____ 600 RPM: _____	3 RPM: _____ 300 RPM: _____ 600 RPM: _____
Preflush: <u>40bbls fresh water +120bbls super flush with 110sx scavenger cmt</u>	Displacement: <u>307.97</u> bbls Start Mixing Cement: <u>00:26hrs</u>
Pipe Move: <u>None</u>	Bump Plug: <u>548</u> psi Cement-In-Place: <u>03:11hrs</u>
Circulation: <u>None</u>	Cement Returns: <u>0</u> cf Total Mix & Displace Time: <u>195 minutes</u>
Mix Rate: <u>5</u> bpm Displacement Rate: <u>8</u> bpm Plugs: <u>Top</u>	Wait on Cement: <u>12-14hrs</u>
Comments: <u>Saw no returns at all, Bump wiper plug with 548psi with 48psi prior to bump plug, hold 548psi for 5 minutes, release pressure floats held (ok) CIP @ 03:11hrs 11/23/2007</u>	

CONFIDENTIAL

**FIDELITY EXPLORATION  
7" PRODUCTION CASING TALLY**

WELL NO: Cane Creek 8-1 FIELD: Wildcat REPORT BY: L.E. Buchanan DATE: 12/18/07

No.	Length	Total	No.	Length	Total	No.	Length	Total	No.	Length	Total	No.	Length	Total
Float Shoe	1.38	1.38	59	44.60	2591.14	119	43.32	5219.35	179		7720.24	239		7720.24
1	44.72	46.10	60	45.60	2636.74	120	43.41	5262.76	180		7720.24	240		7720.24
Float Collar	1.42	47.52	61	44.76	2681.50	121	43.30	5306.06	181		7720.24	241		7720.24
2	44.00	91.52	62	44.67	2726.17	122	42.17	5348.23	182		7720.24	242		7720.24
3	43.00	134.52	63	44.30	2770.47	123	43.64	5391.87	183		7720.24	243		7720.24
4	42.05	176.57	64	45.02	2815.49	124	43.03	5434.90	184		7720.24	244		7720.24
5	43.76	220.33	65	43.26	2858.75	125	43.02	5477.92	185		7720.24	245		7720.24
6	45.00	265.33	66	43.60	2902.35	126	43.82	5521.74	186		7720.24	246		7720.24
7	39.65	304.98	67	44.80	2947.15	127	42.83	5564.57	187		7720.24	247		7720.24
8	44.22	349.20	68	43.92	2991.07	128	43.75	5608.32	188		7720.24	248		7720.24
9	43.90	393.10	69	45.34	3036.41	129	43.26	5651.58	189		7720.24	249		7720.24
10	44.80	437.90	70	44.18	3080.59	130	43.00	5694.58	190		7720.24	250		7720.24
11	43.47	481.37	71	45.00	3125.59	131	43.65	5738.23	191		7720.24	251		7720.24
12	42.80	524.17	72	39.98	3164.97	132	43.39	5781.62	192		7720.24	252		7720.24
13	44.74	568.91	73	43.74	3208.71	133	43.45	5825.07	193		7720.24	253		7720.24
14	44.99	613.90	74	45.33	3254.04	134	41.64	5866.71	194		7720.24	254		7720.24
15	40.12	654.02	75	43.81	3297.85	135	43.70	5910.41	195		7720.24	255		7720.24
16	44.28	698.30	76	44.64	3342.49	136	41.84	5952.25	196		7720.24	256		7720.24
17	44.98	743.28	77	44.79	3387.28	137	42.44	5994.69	197		7720.24	257		7720.24
18	44.50	787.78	78	43.71	3430.99	138	42.89	6037.58	198		7720.24	258		7720.24
19	44.80	832.58	79	44.48	3475.47	139	43.64	6081.22	199		7720.24	259		7720.24
20	44.59	877.17	80	44.89	3520.36	140	43.35	6124.57	200		7720.24	260		7720.24
21	45.11	922.28	81	45.00	3565.36	141	43.04	6167.61	201		7720.24	261		7720.24
22	40.80	962.88	82	44.64	3610.00	142	43.49	6211.10	202		7720.24	262		7720.24
23	44.03	1006.91	83	43.02	3653.02	143	40.97	6252.07	203		7720.24	263		7720.24
24	44.32	1051.23	84	43.80	3696.82	144	42.83	6294.90	204		7720.24	264		7720.24
25	44.02	1095.25	85	44.86	3741.68	145	43.64	6336.54	205		7720.24	265		7720.24
26	43.87	1139.12	86	44.70	3786.38	146	42.84	6381.38	206		7720.24	266		7720.24
27	40.82	1179.94	87	44.04	3830.42	147	43.70	6425.08	207		7720.24	267		7720.24
28	44.45	1224.39	88	44.45	3874.87	148	42.91	6467.99	208		7720.24	268		7720.24
29	40.37	1264.76	89	44.45	3919.32	149	43.50	6511.49	209		7720.24	269		7720.24
30	43.62	1308.38	90	45.21	3964.53	150	43.92	6555.41	210		7720.24	270		7720.24
31	41.00	1349.38	91	42.10	4006.63	151	43.56	6598.97	211		7720.24	271		7720.24
32	45.40	1394.78	92	44.51	4051.14	152	43.07	6642.04	212		7720.24	272		7720.24
33	45.60	1440.38	93	44.03	4095.17	153	43.76	6685.80	213		7720.24	273		7720.24
34	43.61	1483.99	94	45.84	4141.01	154	41.70	6727.50	214		7720.24	274		7720.24
35	44.47	1528.46	95	43.54	4184.55	155	43.40	6770.90	215		7720.24	275		7720.24
36	45.27	1573.73	96	45.04	4229.59	156	43.00	6813.90	216		7720.24	276		7720.24
37	44.48	1618.21	97	43.84	4273.43	157	39.55	6853.45	217		7720.24	277		7720.24
38	44.80	1663.01	98	41.02	4314.45	158	43.75	6897.20	218		7720.24	278		7720.24
39	45.20	1708.21	99/29#	44.80	4359.25	159	43.65	6940.85	219		7720.24	279		7720.24
40	44.10	1752.31	100/26#	43.38	4402.63	160	41.92	6982.77	220		7720.24	280		7720.24
41	44.60	1796.91	101	41.84	4444.47	161	43.38	7026.15	221		7720.24	281		7720.24
42	44.03	1840.94	102	40.35	4484.82	162	43.90	7070.05	222		7720.24	282		7720.24
43	43.91	1884.85	103	42.80	4527.62	163	43.76	7113.81	223		7720.24	283		7720.24
44	44.15	1929.00	104	43.74	4571.36	164	43.37	7157.18	224		7720.24	284		7720.24
45	43.81	1972.81	105	41.72	4613.08	164	43.70	7200.88	225		7720.24	285		7720.24
46	43.98	2016.79	106	43.35	4655.43	166	43.65	7244.53	226		7720.24	286		7720.24
47	45.38	2062.17	107	43.30	4699.73	167	41.55	7286.08	227		7720.24	287		7720.24
48	44.40	2106.57	108	42.84	4742.57	168	43.48	7329.56	228		7720.24	288		7720.24
49	42.10	2148.67	109	43.66	4786.23	169	43.00	7372.56	229		7720.24	289		7720.24
50	44.80	2193.47	110	43.47	4829.70	170	43.48	7416.04	230		7720.24	290		7720.24
51	44.22	2237.69	111	42.24	4871.94	171	42.76	7458.80	231		7720.24	291		7720.24
52	44.76	2282.45	112	43.58	4915.52	172	43.52	7502.32	232		7720.24	292		7720.24
53	45.21	2327.66	113	43.60	4959.12	173	43.52	7545.84	233		7720.24	293		7720.24
54	41.87	2369.53	114	43.40	5002.52	174	43.60	7589.44	234		7720.24	294		7720.24
55	44.70	2414.23	115	42.46	5044.98	175	43.75	7633.19	235		7720.24	295		7720.24
56	43.46	2457.69	116	43.76	5088.74	176	43.51	7676.70	236		7720.24	296		7720.24
57	45.00	2502.69	117	43.74	5132.48	177	43.54	7720.24	237		7720.24	297		7720.24
58	43.85	2546.54	118	43.55	5176.03	178		7720.24	238		7720.24	298		7720.24

Casing: <u>7", HCL-80, 29#/ft 99 Jnts @ 4359.25', HCP-110 26#/ft 78 Jnts @ 3360.99' LT&amp;C</u>		<b>Total Feet Run:</b> <u>7,720.24</u>	<b>Total Feet on Loc:</b> <u>7,931.20</u>
Hole Size: <u>8 3/4</u> in Hole Depth: <u>7720</u> ft		<b>Total Jts Run:</b> <u>177</u>	<b>Total Jts on Loc:</b> <u>183</u>
RKB: <u>27</u> ft Pipe Supplier: <u>Midway Supply (McJunkin)</u>		<b>Shoe Depth:</b> <u>7,715.00</u>	<b>Total Feet Out:</b> <u>213.76</u>
Shoe Type: <u>Positive Float Guide Shoe (Gemaco Weatherford)</u> Float Collar Type: <u>Positive Float Collar (Gemaco Weatherford)</u>		<b>Length Above RKB:</b> <u>5.24</u>	<b>Total Jts Out:</b> <u>6</u>
Centralizer/Scratcher Type & Placement: <u>1 centralizer 6ft above shoe with stop rings, centralizers next 9 collars, then 10 centralizers every other collar, then 23</u>			
Other Casing Hardware (DV tools, ECP's): <u>centralizers every 3rd collar. Baker-Lok float shoe, first collar, and float collar. 43 = Total centralizers last one on joint 98</u>			

**CEMENTING DETAILS**

Cementing Company: <u>Halliburton</u>		Cementing Supervisor: <u>Anthony Jones</u>	
<b>Lead Slurry</b>		<b>Tail Slurry</b>	
System: _____		System: <u>DenseCem C213 16.4 with 15% salt+ 25% Hr-5 Retarder</u>	
Wet Vol: _____ cf	Dry Vol: _____ sacks	Wet Vol: <u>1017</u> cf	Dry Vol: <u>900</u> sacks
Density: _____ ppg	Yield: _____ cf/sk	Density: <u>16.4</u> ppg	Yield: <u>1.13</u> cf/sk
Mix Water: _____ gal/sk	Excess: _____ %	Mix Water: <u>4.51</u> gal/sk	Excess: <u>20%</u> %
3 RPM: _____ 300 RPM: _____ 600 RPM: _____		3 RPM: _____ 300 RPM: _____ 600 RPM: _____	
Preflush: <u>31bbls Tuned Spacer III</u>	Displacement: <u>288.23</u> bbls	Start Mixing Cement: <u>21:37</u>	
Pipe Move: <u>Reciprocate 30' while circ out gas before cement job</u>	Bump Plug: <u>2600</u> psi	Cement-In-Place: <u>11:44 PM</u>	
Circulation: <u>good</u>	Cement Returns: <u>0</u> cf	Total Mix & Displace Time: <u>126 minutes</u>	
Mix Rate: <u>5</u> bpm	Displacement Rate: <u>5-3-2</u> bpm	Plugs: <u>Top</u>	Wait on Cement: <u>12Hrs</u>
Comments: <u>Circ 2.5hrs prior. Bump plug with 2600psi with 1100psi prior, hold 2600psi for 6 minutes, release pressure, floats held (ok) CIP @ 23:44hrs 12/17/2007. Estimate top of cement at 2500'</u>			

CONFIDENTIAL

**HALLIBURTON**

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**FIDELITY EXPLORATION & PRODUCTION**

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**Cane Creek 8-1**

**Grand County, Utah**

**Cement Intermediate Casing**

**Cementing  
Post Job Report**

**By Chris Cicirello  
Technical Professional**

**CONFIDENTIAL**

The Road to Excellence Starts with Safety

Sold To #: 317997		Ship To #: 2608232		Quote #:		Sales Order #: 5511408							
Customer: FIDELITY EXPLORATION & PRODUCTION				Customer Rep: BUCHANAN, ED									
Well Name: Cane Creek			Well #: 8-1		API/UWI #: 430193144900								
Field:		City (SAP): UNKNOWN		County/Parish: Grand		State: Utah							
Legal Description: Section 8 Township 26S Range 20E													
Contractor: DHS			Rig/Platform Name/Num: DHS 12										
Job Purpose: Cement Intermediate Casing													
Well Type: Development Well				Job Type: Cement Intermediate Casing									
Sales Person: KRUGER, ROBERT			Srcv Supervisor: GRIFFIN, SHANE		MBU ID Emp #: 245589								
<b>Job Personnel</b>													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #						
GRIFFIN, SHANE M			245589										
<b>Equipment</b>													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
<b>Job Hours</b>													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours						
TOTAL				Total is the sum of each column separately									
<b>Job</b>				<b>Job Times</b>									
Formation Name				Date		Time	Time Zone						
Formation Depth (MD)	Top	Bottom	Called Out										
Form Type	BHST		On Location										
Job depth MD	4258. ft	Job Depth TVD	Job Started										
Water Depth	Wk Ht Above Floor		Job Completed										
Perforation Depth (MD)	From	To	Departed Loc										
<b>Well Data</b>													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
13 3/8" Surface	Used		13.375	12.715	48.		H-40	900.	1500.				
13 3/8" Surface	Used		13.375	12.615	54.5		J-55		900.				
12 1/4" Open Hole				12.25				1500.	4258.				
9 5/8" Intermediate	Used		9.625	8.835	40.		HCL-80		4258.				
<b>Tools and Accessories</b>													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
<b>Miscellaneous Materials</b>													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Super Flush XLC		25.0	bbl	10.	.0	.0	.0	
2	Water Spacer		04.974	bbl	8.33	.0	.0	.0	
3	ROCKIES LT W RBP	ROCKIES LT - SBM (430481)	55.0	sacks	10.5	4.7	30.01		30.01
	0.2 %	POLY-E-FLAKE (101216940)							
	0.3 %	STEELSEAL, 50 LB BAG (101236842)							
	5 lbm	PHENO SEAL - BLEND - 40 LB (101342230)							
	0.25 %	D-AIR 3000 (101007446)							
	0.1 %	TUF FIBER 594, 15 LB BOX (101350514)							
	28.209 Gal	FRESH WATER							
4	WATER SPACER		05.0	bbl	8.33	.0	.0	.0	
5	SUPERFLUSH XLC		25.0	bbl	10.	.0	.0	.0	
6	WATER SPACER		05.0	bbl	8.33	.0	.0	.0	
7	ROCKIES LT + RBP	ROCKIES LT - SBM (430481)	55.0	sacks	10.5	4.7	30.01		30.01
	0.2 %	POLY-E-FLAKE (101216940)							
	0.3 %	STEELSEAL, 50 LB BAG (101236842)							
	5 lbm	PHENO SEAL - BLEND - 40 LB (101342230)							
	0.25 %	D-AIR 3000 (101007446)							
	0.1 %	TUF FIBER 594, 15 LB BOX (101350514)							
	28.209 Gal	FRESH WATER							
8	Lead Cement	ELASTISEAL (TM) SYSTEM (450262)	1000.0	sacks	14.35	1.47	6.5		6.5
	5 lbm	SILICALITE - COMPACTED, 50 LB SK (100012223)							
	20 %	SAND-SSA-1 - SILICA FLOUR - 200 MESH, BULK (100003691)							
	0.1 %	VERSASET, 50 LB SK (100007865)							
	6.502 Gal	FRESH WATER							
	1.5 %	ZONESEALANT 2000, HALTANK (101207218)							
9	Tail Cement	ELASTISEAL (TM) SYSTEM (450262)	550.0	sacks	14.35	1.47	6.5		6.5
	5 lbm	SILICALITE - COMPACTED, 50 LB SK (100012223)							
	20 %	SAND-SSA-1 - SILICA FLOUR - 200 MESH, BULK (100003691)							
	0.1 %	VERSASET, 50 LB SK (100007865)							
	6.502 Gal	FRESH WATER							
	1.5 %	ZONESEALANT 2000, HALTANK (101207218)							
10	Displacement		319.837	bbl	9.	.0	.0	.0	
11	CAP CEMENT	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	100.0	sacks	14.6	1.55	7.35		7.35
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	12 %	CAL-SEAL 60, 100 LB BAG (100005051)							
	7.347 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	

Rates									
Circulating	Mixing			Displacement			Avg. Job		
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

The Road to Excellence Starts with Safety

Sold To #: 317997	Ship To #: 2608232	Quote #:	Sales Order #: 5511408
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep: BUCHANAN, ED	
Well Name: Cane Creek	Well #: 8-1	API/UWI #: 430193144900	
Field:	City (SAP): UNKNOWN	County/Parish: Grand	State: Utah
Legal Description: Section 8 Township 26S Range 20E			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: DHS		Rig/Platform Name/Num: DHS 12	
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: KRUGER, ROBERT		Srv Supervisor: GRIFFIN, SHANE	MBU ID Emp #: 245589

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/22/2007 07:00							
Depart from Service Center or Other Site	11/22/2007 11:00							
Arrive at Location from Service Center	11/22/2007 16:00							
Rig-Up Equipment	11/22/2007 17:00							
Standby Rig	11/22/2007 19:00							Wait For Rig hands to clean out cellar
Pre-Job Safety Meeting	11/22/2007 23:00							
Pressure Test	11/22/2007 23:41					5200.0		Pressure test cement
Pressure Test	11/22/2007 23:43					7300.0		Pressure test Nitrogen
Pump Water	11/22/2007 23:50		5	10		105.0		Pump 10 Fresh Water
Pump Spacer	11/22/2007 23:52		5	25		121.0		Pump SUPERFLUSH XLC @ 10 ppg
Pump Water	11/22/2007 23:58		5	10		89.0		Pump 10 Fresh Water
Pump Cement	11/23/2007 00:00		5	46		128.0		Scavenger Cement 10.5 ppg 55 sks
Pump Water	11/23/2007 00:09		5	10		102.0		Pump 10 Fresh Water
Pump Spacer	11/23/2007 00:11		5	25		121.0		Pump SUPERFLUSH XLC @ 10 ppg
Pump Water	11/23/2007 00:16		5	10		92.0		Pump 10 Fresh Water
Start Additive	11/23/2007 00:18		5		7	94.0		Start Foamer @ 1.8 GPM
Pump Cement	11/23/2007 00:18		5	46		135.0		Start Scavenger Cement @ 10.5 ppg
Start Nitrogen	11/23/2007 00:19		5			133.0		Start Nitrogen @ 330 SCFM

Sold To #: 317997

Ship To #: 2608232

Quote #:

Sales Order #: 5511408

SUMMIT Version: 7.20.130

Friday, November 23, 2007 04:44:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	11/23/2007 00:26		5	261.5		234.0		Start Lead Cement @ 14.3 ppg foamed to 10 ppg (1000 sks)
Event	11/23/2007 00:34		5		50	333.0		Increase N2 Rate to 350 SCFM
Event	11/23/2007 00:36		5		60	340.0		Increase N2 Rate to 400 SCFM
Event	11/23/2007 00:38		5		70	352.0		Increase N2 Rate to 460 SCFM
Event	11/23/2007 00:40		5		80	370.0		Increase N2 Rate to 520 SCFM
Event	11/23/2007 00:42		5		90	386.0		Increase N2 Rate to 600 SCFM
Event	11/23/2007 00:44		5		100	406.0		Increase N2 Rate to 640 SCFM
Event	11/23/2007 00:46		5		110	411.0		Increase N2 Rate to 680 SCFM
Event	11/23/2007 00:48		5		120	405.0		Increase N2 Rate to 720 SCFM
Event	11/23/2007 00:50		5		130	327.0		Increase N2 Rate to 760 SCFM
Event	11/23/2007 00:52		5		140	428.0		Increase N2 Rate to 820 SCFM
Event	11/23/2007 00:54		5		150	453.0		Increase N2 Rate to 860 SCFM
Event	11/23/2007 00:56		5		160	505.0		Increase N2 Rate to 900 SCFM
Event	11/23/2007 00:58		5		170	497.0		Increase N2 Rate to 940 SCFM
Event	11/23/2007 01:00		5		180	447.0		Increase N2 Rate to 980 SCFM
Event	11/23/2007 01:02		5		190	455.0		Increase N2 Rate to 1020 SCFM
Event	11/23/2007 01:04		5		200	473.0		Increase N2 Rate to 1080 SCFM
Event	11/23/2007 01:06		5		210	485.0		Increase N2 Rate to 1140 SCFM
Event	11/23/2007 01:08		5		220	491.0		Increase N2 Rate to 1180 SCFM
Event	11/23/2007 01:10		5		230	511.0		Increase N2 Rate to 1240 SCFM
Event	11/23/2007 01:12		5		240	546.0		Increase N2 Rate to 1320 SCFM
Event	11/23/2007 01:14		5		250	542.0		Increase N2 Rate to 1380 SCFM
Event	11/23/2007 01:16		5		260	561.0		Increase N2 Rate to 1460 SCFM

Sold To #: 317997

Ship To #: 2608232

Quote #:

Sales Order #: 5511408

SUMMIT Version: 7.20.130

Friday, November 23, 2007 04:44:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Event	11/23/2007 01:18		5		270	555.0		Increase N2 Rate to 1560 SCFM
Event	11/23/2007 01:20		5		280	565.0		Increase N2 Rate to 1620 SCFM
Event	11/23/2007 01:22		5		290	581.0		Increase N2 Rate to 1680 SCFM
Event	11/23/2007 01:24		5		300	560.0		Increase N2 Rate to 1740 SCFM
Event	11/23/2007 01:26		5		310	607.0		Increase N2 Rate to 1820 SCFM
Stop Nitrogen	11/23/2007 01:28		5			508.0		Stop N2
Stop Additive	11/23/2007 01:28		5			340.0		Stop Foamer
Pump Tail Cement	11/23/2007 01:29		5	149		322.0		Pump Unfoamed Tail Cement @ 14.3 ppg (550 SKS)
Drop Plug	11/23/2007 02:02							
Pump Displacement	11/23/2007 02:07		8	308		250.0		Start Displacement W Mud @ 8.6 ppg
Slow Rate	11/23/2007 02:22		5		100	109.0		Slow Rate to 5 BPM 100 BBL Away
Slow Rate	11/23/2007 02:42		4		200	98.0		Slow Rate to 4 BPM, 200 bbl away
Slow Rate	11/23/2007 03:00		3		270	55.0		Slow Rate to 3 BPM 270 BBL Away
Slow Rate	11/23/2007 03:10		2		290	47.0		Slow Rate to 2 BPM, 290 BBL Away
Bump Plug	11/23/2007 03:11				305	48.0		Bump Plug, Pressure to 500 Over Hold for 5 mins
Check Floats	11/23/2007 03:16							Floats Held, 0.5 bbl Back
Rig-Down Equipment	11/23/2007 03:30							
Rig-Down Completed	11/23/2007 04:20							
Depart Location Safety Meeting	11/23/2007 04:40							
Depart Location for Service Center or Other Site	11/23/2007 05:00							

Sold To #: 317997

Ship To #: 2608232

Quote #:

Sales Order #: 5511408

SUMMIT Version: 7.20.130

Friday, November 23, 2007 04:44:00

## Water Analysis For Cement Mixing Water

Company:	FIDELITY EXPLORATION & PRODUCTION	Lease: Cane creek	Well Name, Nbr: Cane Creek, 8-1
Rig Name/Nbr:	DHS 12	API No. /UWI	430193144900
County:	Grand	State: Utah	Country: United States of America

### FIELD TEST KIT

**NOTE:** These tests are an indication of POTENTIAL contamination and are not conclusive.  
For more comprehensive results, a sample should be submitted to the Local Area Lab

Date _____	Ticket Number _____ 5511408
Service Supervisor _____ GRIFFIN, SHANE	Water Source _____

Temperature	48	
	_____	<i>[&lt;80 F]</i>
pH.	6.5	
	_____	<i>[between 6-8 pH]</i>
Specific Gravity		
	_____	<i>[1.000 - 1.005 see Chart]</i>
Chart in Kit shows comparisons of:	Chlorides 150	<i>[&lt;3,000 ppm @ 1.004 S.G.]</i>
	Calcium	<i>[&lt;500 ppm @ 1.004 S.G.]</i>

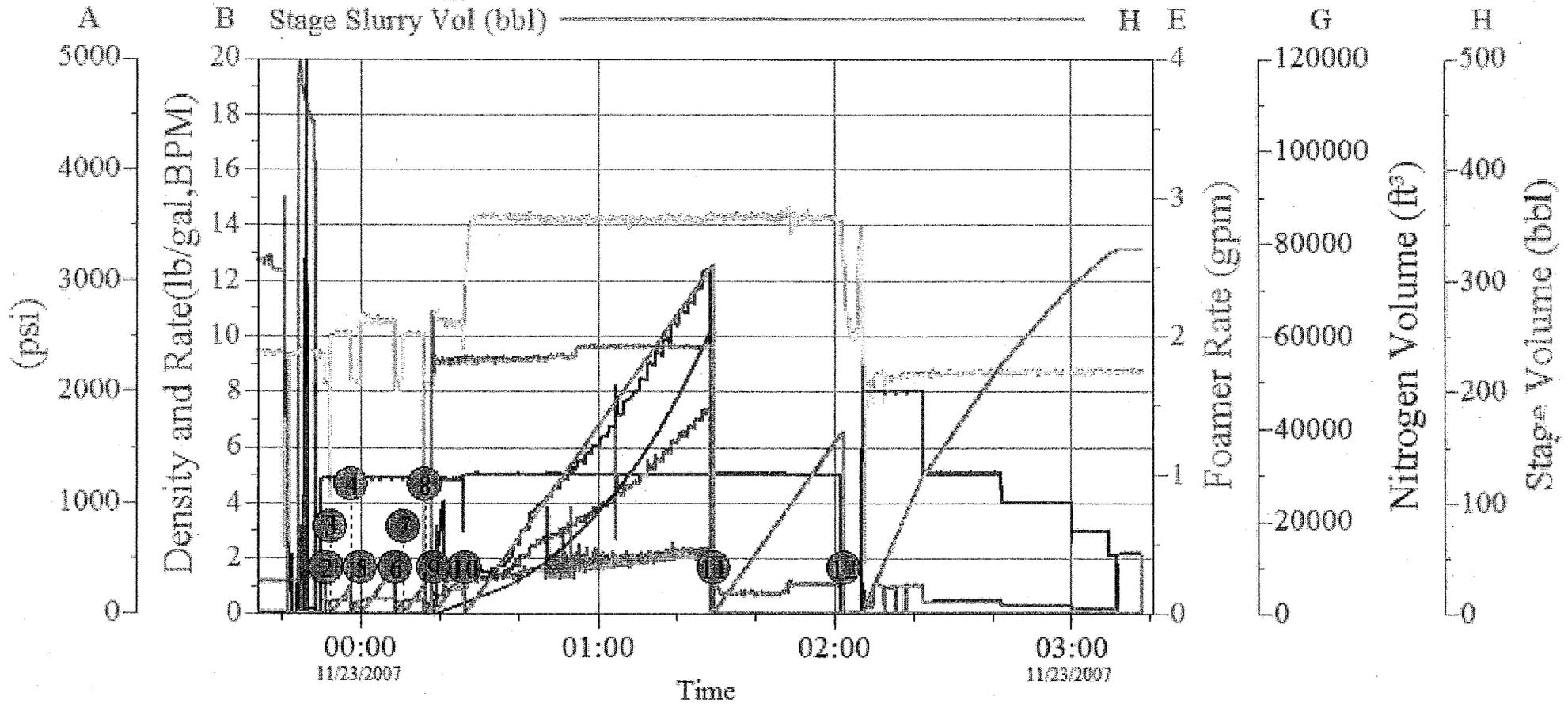
PASS	FAIL	<b><u>Nessler's Nitrogen</u></b>	
<input type="checkbox"/>	<input type="checkbox"/>	Color of Yellow _____	<i>[Passing Parameters]</i>
			<i>[&lt;4.5 ppm (mg/L)]</i>
		<b><u>Tannin-Lignin</u></b>	
<input type="checkbox"/>	<input type="checkbox"/>	Color of Blue _____	<i>[&lt;25.0 ppm]</i>
		<b><u>Sulfate</u></b>	
		Degree of Clarity _____ 150	<i>[200 ppm]</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Black X Visible _____ Yes	<i>[if NO &gt;200 ppm = FAIL]</i>
		<b><u>Iron (Fe)</u></b>	
<input type="checkbox"/>	<input type="checkbox"/>	Degree of Orange _____	<i>[&lt;20.0 ppm]</i>

# Fidelity Cane Creek 8-1

## DHS 12 9 5/8 Foam Intermediate

### Job Chart Summary

Truck 1 Pressure (psi)	_____	A
Truck 1 Density (lb/gal)	_____	B
Truck 1 Slurry Rate (bpm)	_____	B
N2 Pressure (psi)	_____	A
N2 Standard Rate (scfm)	_____	A
U2 N2 Gas Flowmeter Total (ft <sup>3</sup> )	_____	G
Foamer Rate (gpm)	_____	E
Stage Slurry Vol (bbl)	_____	H E



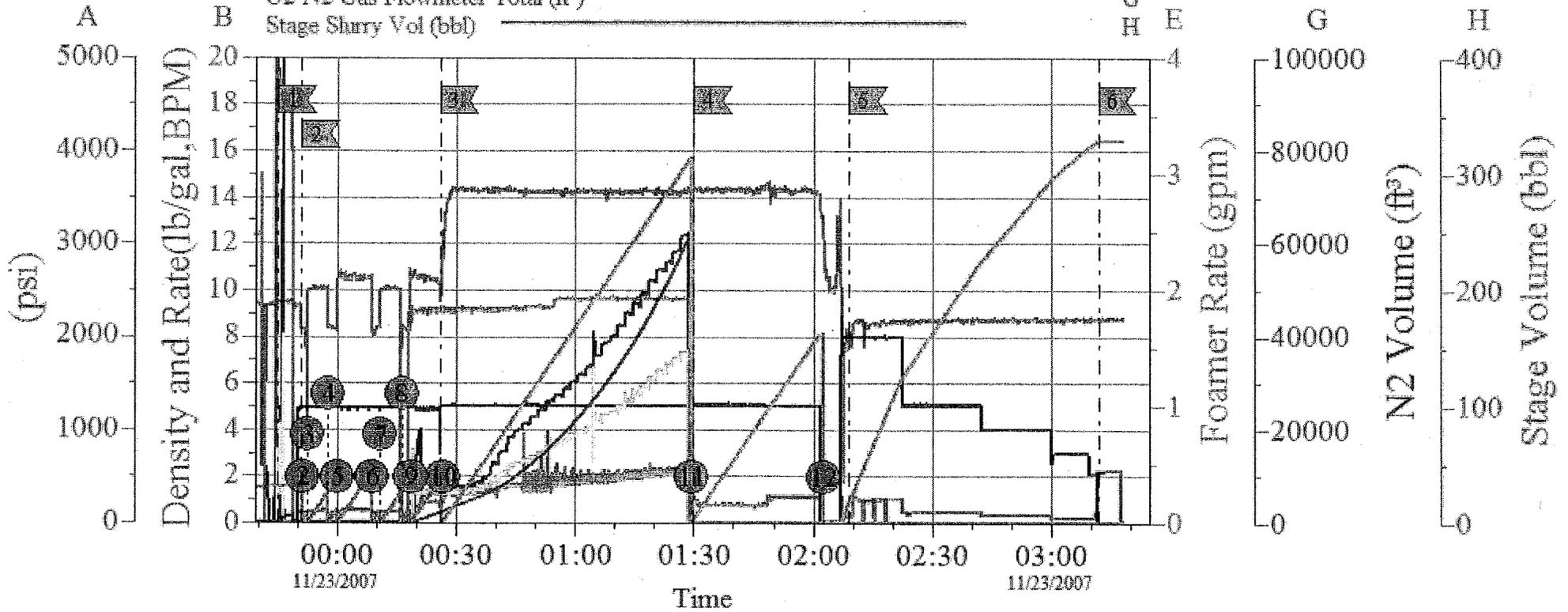
Customer: Fidelity Exploration	Job Date: 22-Nov-2007	Sales Order #:
Well Description: Cane Creek 8-1	UWI: 43-019-31449	

**HALLIBURTON**  
OptiCem v6.2.3  
23-Nov-07 03:30

Fidelity Cane Creek 8-1  
7" Foam Intermediate  
Job Summary

Truck 1 Pressure (psi) \_\_\_\_\_  
 Truck 1 Density (lb/gal) \_\_\_\_\_  
 Truck 1 Slurry Rate (bpm) \_\_\_\_\_  
 N2 Pressure (psi) \_\_\_\_\_  
 N2 Standard Rate (scfm) \_\_\_\_\_  
 Foamer Rate (gpm) \_\_\_\_\_  
 U2 N2 Gas Flowmeter Total (ft³) \_\_\_\_\_  
 Stage Slurry Vol (bbl) \_\_\_\_\_

A  
B  
B  
A  
A  
E  
G  
H



1	Pressure Test	11/22/2007 23:44:55	2	Start Spacer	11/22/2007 23:50:52
3	Start Foam Lead	11/23/2007 00:25:55	4	Start Unfoam Tail	11/23/2007 01:30:00
5	Start Displacement	11/23/2007 02:09:02	6	Bump Plug	11/23/2007 03:11:54

Customer: Fidelity Exploration	Job Date: 22-Nov-2007	Sales Order #:
Well Description: Cane Creek 8-1	UWI: 43-019-31449	

**HALLIBURTON**  
 OptiCem v6.2.3  
 27-Nov-07 23:24

**HALLIBURTON**

*Cementing Job Summary*

*The Road to Excellence Starts with Safety*

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**FIDELITY EXPLORATION & PRODUCTION**

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Cane Creek 8-1

Grand County , Utah

**Cement Surface Casing**

**Cementing  
Post Job Report**

CONFIDENTIAL

# HALLIBURTON

# Cementing Job Summary

Sold To #: 317997		Ship To #: 317997		Quote #:		Sales Order #: 5448787							
Customer: FIDELITY EXPLORATION & PRODUCTION				Customer Rep: BUCHANAN, ED									
Well Name: Cane Creek			Well #: 8-1		API/UWI #: 430193144900								
Field:		City (SAP): UNKNOWN		County/Parish: Grand		State: Utah							
Legal Description: Section 8 Township 26S Range 20E													
Contractor: DHS			Rig/Platform Name/Num: DHS 12										
Job Purpose: Cement Surface Casing													
Well Type: Development Well				Job Type: Cement Surface Casing									
Sales Person: KRUGER, ROBERT			Srcv Supervisor: STILL, MICHEAL			MBU ID Emp #: 258213							
<b>Job Personnel</b>													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #		
STILL, MICHEAL			258213										
Wayne													
<b>Equipment</b>													
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way						
<b>Job Hours</b>													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
TOTAL			<i>Total is the sum of each column separately</i>										
<b>Job</b>						<b>Job Times</b>							
Formation Name						Date		Time	Time Zone				
Formation Depth (MD) Top		Bottom		Called Out									
Form Type		BHST		On Location									
Job depth MD		1500. ft		Job Depth TVD		1500. ft		Job Started					
Water Depth		Wk Ht Above Floor		4. ft		Job Completed							
Perforation Depth (MD) From		To		Departed Loc									
<b>Well Data</b>													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
20" Conductor	Used		20.	19.124	94.				60.				
17 1/2" Open Hole				17.5				60.	1500.				
13 3/8" Surface	Used		13.375	12.715	48.		H-40	900.	1500.				
13 3/8" Surface	Used		13.375	12.615	54.5		J-55		900.				
<b>Tools and Accessories</b>													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
<b>Miscellaneous Materials</b>													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty	Conc	%	
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size	Qty		

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Ahead		10	bbl	8.33	.0	.0	.0	
2	Super Flush XLC Spacer Train		265.4	bbl	10- SF 10.5 Cem	.0	.0	.0	
3	Water Spacer		05.0	bbl	8.33	.0	.0	.0	
4	Lead Cement	CMT - STANDARD TYPE III - FINE (100012229)	325.0	sacks	10.5	4.2	26.36		26.36
	10 lbm	GILSONITE, BULK (100003700)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	26.36 Gal	FRESH WATER							
5	Tail Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	700.0	sacks	15.8	1.15	4.97		4.97
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	4.968 Gal	FRESH WATER							
6	Displacement		227.08	bbl	8.33	.0	.0	.0	
7	Top Out Cement	CMT - STANDARD TYPE III - FINE (100012229)	100.0	sacks	14.8	1.35	6.37		6.37
	94 lbm	CMT - STANDARD TYPE III - FINE , BULK (100012229)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	6.365 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

*The Road to Excellence Starts with Safety*

Sold To #: 317997	Ship To #: 317997	Quote #:	Sales Order #: 5448787
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep: BUCHANAN, ED	
Well Name: Cane Creek	Well #: 8-1	API/UWI #: 430193144900	
Field:	City (SAP): UNKNOWN	County/Parish: Grand	State: Utah
Legal Description: Section 8 Township 26S Range 20E			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: DHS	Rig/Platform Name/Num: DHS 12		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: KRUGER, ROBERT	Srvc Supervisor: STILL, MICHEAL	MBU ID Emp #: 258213	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/06/2007 12:00							
Arrive at Location from Service Center	11/06/2007 21:30							
Safety Meeting	11/06/2007 21:40							
Wait on Orders - Start Time	11/06/2007 21:45							Wait on rig to break circulation.
Safety Meeting	11/07/2007 23:00							
Rig-Up Equipment	11/07/2007 23:15							
Safety Meeting	11/08/2007 03:00							
Test Lines	11/08/2007 03:38						2200.0	
Pump Water	11/08/2007 03:41		5	10			74.0	Well Circulating
Pump Spacer	11/08/2007 03:44		5	20			74.0	Super Flush
Pump Water	11/08/2007 03:48		5	10			64.0	
Pump Cement	11/08/2007 03:59		5	41.8			76.0	50 sacks @ 10.5# 4.7 y 30.01 gal/sk.
Pump Water	11/08/2007 04:11		4.9	10			57.0	Lost returns
Pump Spacer	11/08/2007 04:14		4.9	20			63.0	Super Flush
Pump Water	11/08/2007 04:17		4.9	10			47.0	
Pump Cement	11/08/2007 04:19		4.9	41.8			69.0	50 sacks @ 10.5# 4.7y 30.01 gal/sk.
Pump Water	11/08/2007 04:29		4.9	10			50.0	Well Circulateing

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer	11/08/2007 04:31		4.9	20			50.0	Super Flush
Pump Water	11/08/2007 04:35		4.9	10			57.0	
Pump Cement	11/08/2007 04:37		4.9	41.8			51.0	50 sacks @ 10.5# 4.7y 30.01 gal/sk.
Pump Water	11/08/2007 04:46		4.9	10			69.0	
Pump Spacer	11/08/2007 04:48		4.9	20			55.0	Super Flush
Pump Water	11/08/2007 04:53		4.9	10			39.0	
Pump Lead Cement	11/08/2007 04:55		4.9	243.1			50.0	325 sacks @ 10.5 # 4.2 y 26.36 gal/sk.
Pump Tail Cement	11/08/2007 05:45		6	143.3			96.0	700 sacks @ 15.8# 1.15y 4.97 gal/sk.
Drop Plug	11/08/2007 06:31							
Pump Displacement	11/08/2007 06:38		7				47.0	
Pressure Up	11/08/2007 06:57		5	87			90.0	
Cement Returns to Surface	11/08/2007 07:08		4	160			400.0	
Slow Rate	11/08/2007 07:40		2	210			550.0	
Bump Plug	11/08/2007 08:01		2	236.3			520.0	500 psi over land pressure 1020
Check Floats	11/08/2007 08:06							Float Held
Safety Meeting	11/08/2007 08:16							
Rig-Down Equipment	11/08/2007 08:33							
Depart Location for Service Center or Other Site	11/08/2007 10:00							

Sold To #: 317997

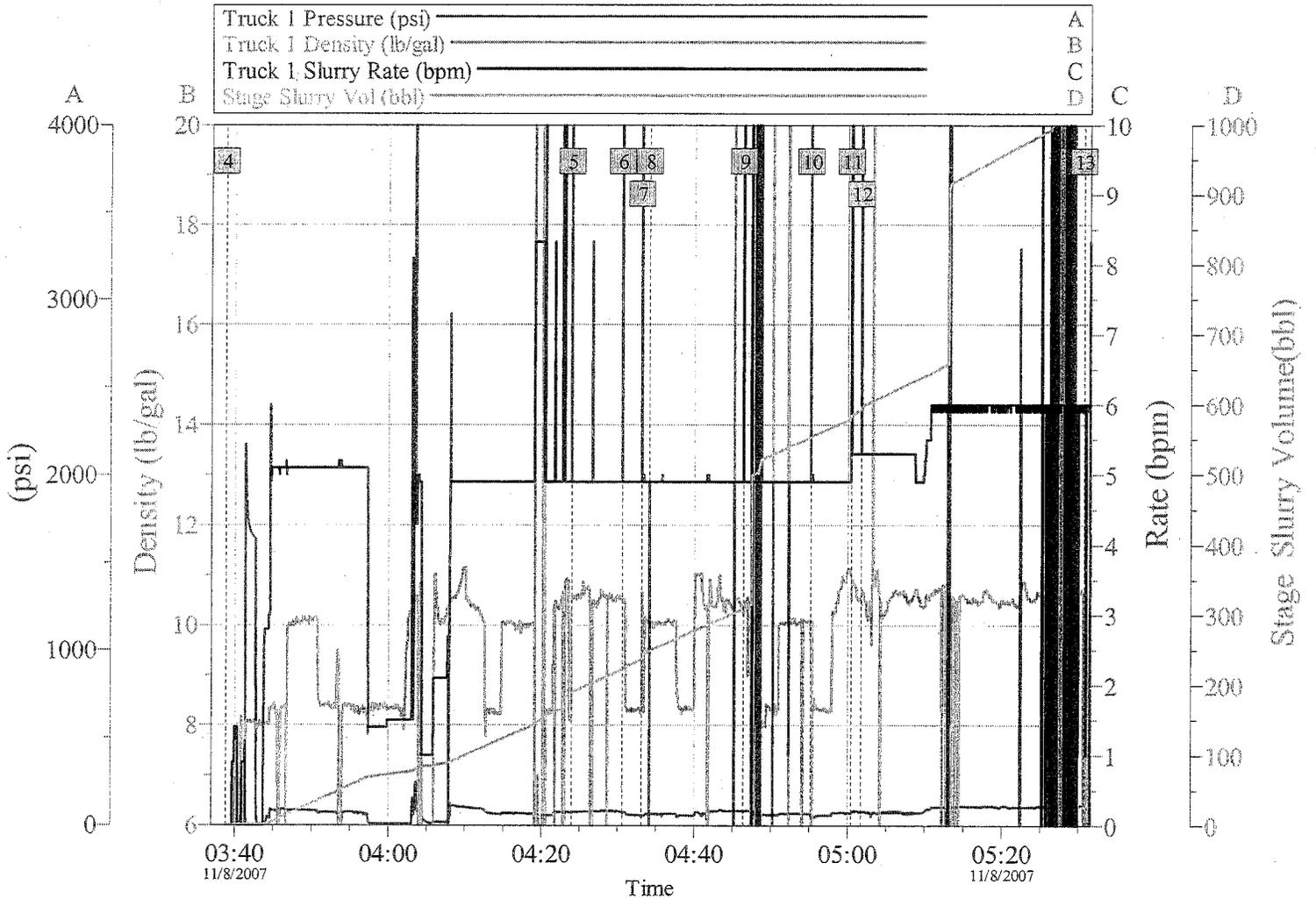
Ship To #: 317997

Quote #:

Sales Order #: 5448787

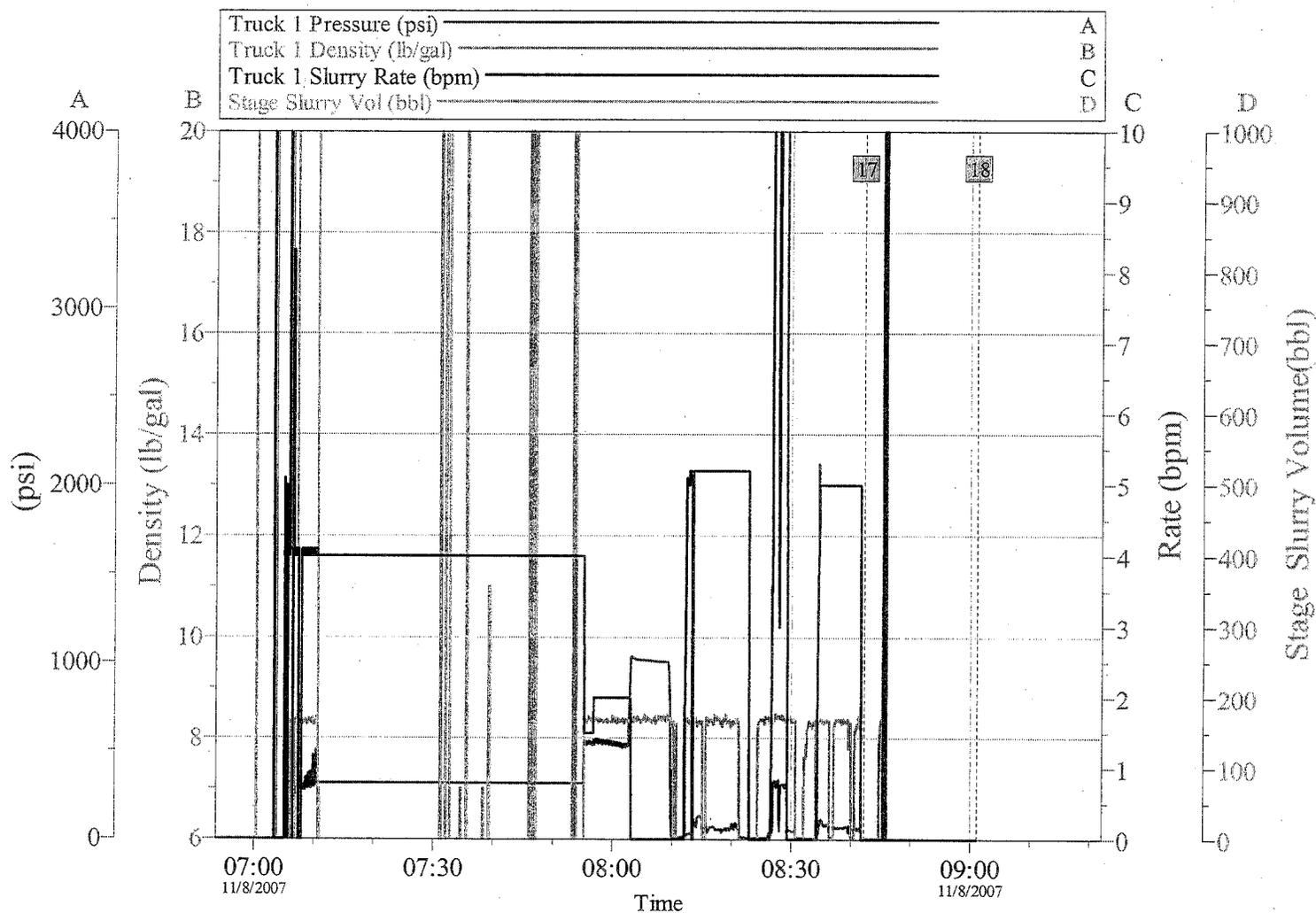
SUMMIT Version: 7.20.130

Tuesday, November 13, 2007 09:42:00



Customer:	Job Date: 08-Nov-2007	Sales Order #:
Well Description:	UWI:	

HALLIBURTON  
OptiCem v6.2.3  
13-Nov-07 09:14



Customer:	Job Date: 08-Nov-2007	Sales Order #:
Well Description:	UWI:	

HALLIBURTON  
OptiCem v6.2.3  
13-Nov-07 09:13

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-68122
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: CANE CREEK UNIT
2. NAME OF OPERATOR: FIDELITY EXPLORATION & PRODUCTION COMPANY		8. WELL NAME and NUMBER: CANE CREEK 8-1
3. ADDRESS OF OPERATOR: 1700 LINCOLN ST #2800 CITY DENVER STATE CO ZIP 80203		9. API NUMBER: 4301931449
		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563' FNL & 1429' FWL COUNTY: GRAND QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 11/9/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SURFACE CSG
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FIDELITY E&P SET SURFACE CASING AS FOLLOWS:  
 RAN 21 JTS 54.5#/FT AND 16 JTS 48#/FT FOR A TOTAL OF 37 JTS OF 13-3/8" CASING SET AT 1559'.  
 CEMENT WITH 450 SX LEAD STANDARD TYPE III FINE + 10#/SX GILSONITE, 2% CACL2, 0.25#/SX POLYFLAKE.  
 FOLLOWED BY 700 SX PREMIUM CLASS G 0.125#/SX POLYFLAKE TAIL CEMENT.

CONFIDENTIAL

NAME (PLEASE PRINT) <u>MARIE OKEEFE</u>	TITLE <u>PRODUCTION REPORTING MGR.</u>
SIGNATURE <u><i>Marie O'Keefe</i></u>	DATE <u>11/29/2007</u>

(This space for State use only)

RECEIVED  
DEC 03 2007

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 317997	Ship To #: 2608232	Quote #:	Sales Order #: 5564095
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep: Buchanan, Ed	
Well Name: CANE CREEK	Well #: 8-1	API/UWI #:	
Field: PIGEANCE	City (SAP): UNKNOWN	County/Parish: Garfield Grand	State: Colorado <i>Ala</i>
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: DHS	Rig/Platform Name/Num: DHS 12		
Job Purpose: Cement Production Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: MURPHY, SHAUNA	Srvc Supervisor: CRONKHITE, KENT	MBU ID Emp #: 336769	

Activity Description	Date/Time	Cnt #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Rig-Down Equipment	12/17/2007 00:04							
Call Out	12/17/2007 06:30							
Depart Yard Safety Meeting	12/17/2007 11:15							
Crew Leave Yard	12/17/2007 11:30							
Arrive At Loc	12/17/2007 14:30							
Assessment Of Location Safety Meeting	12/17/2007 14:45							
Pre-Rig Up Safety Meeting	12/17/2007 18:50							
Rig-Up Equipment	12/17/2007 19:00							
Start Job	12/17/2007 21:21							TD 7720, TP 7720.24, SJ 47.52, MUD 16.1, HOLE 9.25
Test Lines	12/17/2007 21:22					3200.0		
Pump Spacer 1	12/17/2007 21:25		5	30	31		418.0	TUNED SPACER III 16.3 PPG
Pump Tail Cement	12/17/2007 21:37		5	181.1	181		600.0	900 SKS, 16.4 PPG, 1.13 YIELD, 4.51 GAL/SK
Clean Lines	12/17/2007 22:28							
Drop Plug	12/17/2007 22:34							
Pump Displacement	12/17/2007 22:37		5	288	288		1200.0	MUD DISPLACEMENT
Slow Rate	12/17/2007 23:38		3		260		1100.0	
Bump Plug	12/17/2007 23:43		2		278		2600.0	PLUG DOWN

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Check Floats	12/17/2007 23:51							FLOATS HOLDING
End Job	12/17/2007 23:53							rig did not recipicate pipe during job good returns throughout job
Pre-Rig Down Safety Meeting	12/17/2007 23:55							

*The Road to Excellence Starts with Safety*

Sold To #: 317997		Ship To #: 2608232		Quote #:		Sales Order #: 5564095					
Customer: FIDELITY EXPLORATION & PRODUCTION				Customer Rep: Buchanan, Ed							
Well Name: CANE CREEK			Well #: 8-1		API/UWI #:						
Field: PICEANCE		City (SAP): UNKNOWN		County/Parish: Garfield		State: Colorado					
Contractor: DHS			Rig/Platform Name/Num: DHS 12								
Job Purpose: Cement Production Casing											
Well Type: Development Well				Job Type: Cement Production Casing							
Sales Person: MURPHY, SHAUNA			Srvc Supervisor: CRONKHITE, KENT			MBU ID Emp #: 336769					
<b>Job Personnel</b>											
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #
CRONKHITE, KENT Alan		0.0	336769	DOUT, JACOB J		0.0	430298	HUGHES, STEVEN Shane		0.0	300140
JOHNSTON, JAMES Arthur		0.0	433881	JONES, ANTHONY S		0.0	391450	KENDALL, JOHN Clifford		0.0	371361
KUKUS, CRAIG A		0.0	369124	REEVES, DUSTY L		0.0	315775				
<b>Equipment</b>											
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way				
10000394	260 mile	10001431	260 mile	10248065	260 mile	10616651C	260 mile				
10719777	260 mile	10719782	260 mile	10724567C	260 mile	10724577	260 mile				
10783473	260 mile	10973565	260 mile								
<b>Job Hours</b>											
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours			
12/17/07	9	3	12/18/07	3							
TOTAL		Total is the sum of each column separately									
<b>Job</b>					<b>Job Times</b>						
Formation Name					Date		Time		Time Zone		
Formation Depth (MD) Top		0	Bottom	7720	Called Out	17 - Dec - 2007	06:30	MST			
Form Type		BHST			On Location	17 - Dec - 2007	14:30	MST			
Job depth MD		7720. ft	Job Depth TVD		7720.2 ft	Job Started	17 - Dec - 2007	21:21	MST		
Water Depth		Wk Ht Above Floor			5. ft	Job Completed	17 - Dec - 2007	23:53	MST		
Perforation Depth (MD) From			To		Departed Loc	18 - Dec - 2007	03:00	MST			
<b>Well Data</b>											
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
9.625 Intermediate Casing	Used		9.625	8.835	40.				4425.		
7 Production Casing	Used		7.	6.276	26.				3500.		
7 Production Casing	Used		7.	6.184	29.			3500.	7500.		
8.75 Open Hole Section				8.75				4425.	7500.		
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>											
Description					Qty	Qty uom	Depth	Supplier			
PLUG,CMTG,TOP,7,HWE,5.66 MIN/6.54 MAX CS					1	EA					

Tools and Accessories														
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	
Guide Shoe					Packer					Top Plug	7	1		
Float Shoe					Bridge Plug					Bottom Plug				
Float Collar					Retainer					SSR plug set				
Insert Float										Plug Container	7	1		
Stage Tool										Centralizers				
Miscellaneous Materials														
Gelling Agt			Conc		Surfactant			Conc		Acid Type		Qty	Conc	%
Treatment Fld			Conc		Inhibitor			Conc		Sand Type		Size	Qty	
Fluid Data														
Stage/Plug #: 1														
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk			
1	TUNED SPACER III	TUNED SPACER III - SBM (483826)			30.0	bbbl	16.3	.0	.0	.0				
	28.94 gal/bbl	FRESH WATER												
	0.34 gal/bbl	MUSOL(R) A, BULK (100003696)												
	0.34 gal/bbl	SEM-7, 55 GAL DRUM (100001626)												
	0 gal/bbl	DUAL SPACER SURFACTANT B, 5 GAL PAIL (100003665)												
	424 lbm/bbl	BARITE, BULK (100003681)												
2	Tail Cement	DENSECEM (TM) SYSTEM (452870)			900.0	sacks	16.4	1.13	4.51		.0			
3	Mud displacement													
Calculated Values		Pressures			Volumes									
Displacement	288	Shut In: Instant			Lost Returns		Cement Slurry		181	Pad				
Top Of Cement	2670	5 Min			Cement Returns		Actual Displacement		288	Treatment				
Frac Gradient		15 Min			Spacers		Load and Breakdown			Total Job				
Rates														
Circulating	rig	Mixing		hes	Displacement		hes	Avg. Job						
Cement Left in Pipe	Amount	47.52	Reason	Shoe Joint										
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID							
The Information Stated Herein Is Correct					Customer Representative Signature									

# HALLIBURTON

## Water Analysis Report

Company: FIDELITY EXPLORATION Date: 12/17/2007  
Submitted by: KENT CRONKHITE Date Rec.: 12/17/2007  
Attention: Jon Trout S.O.# 5564095  
Lease CANE CREEK Job Type: 7" PRODUCTION  
Well # 39295

Specific Gravity	MAX	1
pH	8	6.9
Potassium (K)	5000	250 Mg / L
Calcium (Ca)	500	120 Mg / L
Iron (FE2)	300	0 Mg / L
Chlorides (Cl)	3000	100 Mg / L
Sulfates (SO <sub>4</sub> )	1500	UNDER 200 Mg / L
Chlorine (Cl <sub>2</sub> )		0 Mg / L
Temp	40-80	60 Deg
Total Dissolved Solids		150 Mg / L

Respectfully: KENT CRONKHITE

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

NOTICE:

This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report c

CONFIDENTIAL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 68122
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: CANE CREEK UNIT
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: CANE CREEK 8-1	
2. NAME OF OPERATOR: FIDELITY EXPLORATION & PRODUCTION CO		9. API NUMBER: 4301931449
3. ADDRESS OF OPERATOR: 1700 LINCOLN ST #2800 CITY DENVER STATE CO ZIP 80203	PHONE NUMBER: (303) 893-3133	10. FIELD AND POOL, OR WILDCAT: BIG FLAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563' FNL - 1429' FWL		COUNTY: GRAND
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/18/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CASING/CMT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity E&P ran and cemented intermediate & production casing as follows:  
 11/23/07 In 12.25" hole ran 96 jts intermediate 9.625" 40# HCL-80 csg and set at 4108.71' (TD 4109').  
 Stage: 1, Lead 1000 sx Class G 14.3 ppg; yield 1.95cf/sx  
 Stage: 1, Tail, 550 sx Class G 14.3 ppg; yield 1.47cf/sx

12/18/07 In 8.75" hole ran 177 jts production 7" 29# HCP-110 csg; set at 7720.24' (TD7720').  
 Stage: 1, Tail 900 sx Class G 16.4 ppg; yield 1.13cf/sx

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NAME (PLEASE PRINT) <u>MARIE O'KEEFE</u>	TITLE <u>PRODUCTION REPORTING MGR.</u>
SIGNATURE <u><i>Marie O'Keefe</i></u>	DATE <u>1/7/2008</u>

(This space for State use only)

RECEIVED  
JAN 08 2008




REMARKS

LOGGED WITH 0 PSI @ SURFACE

DEPTH SCALE: 5":100'

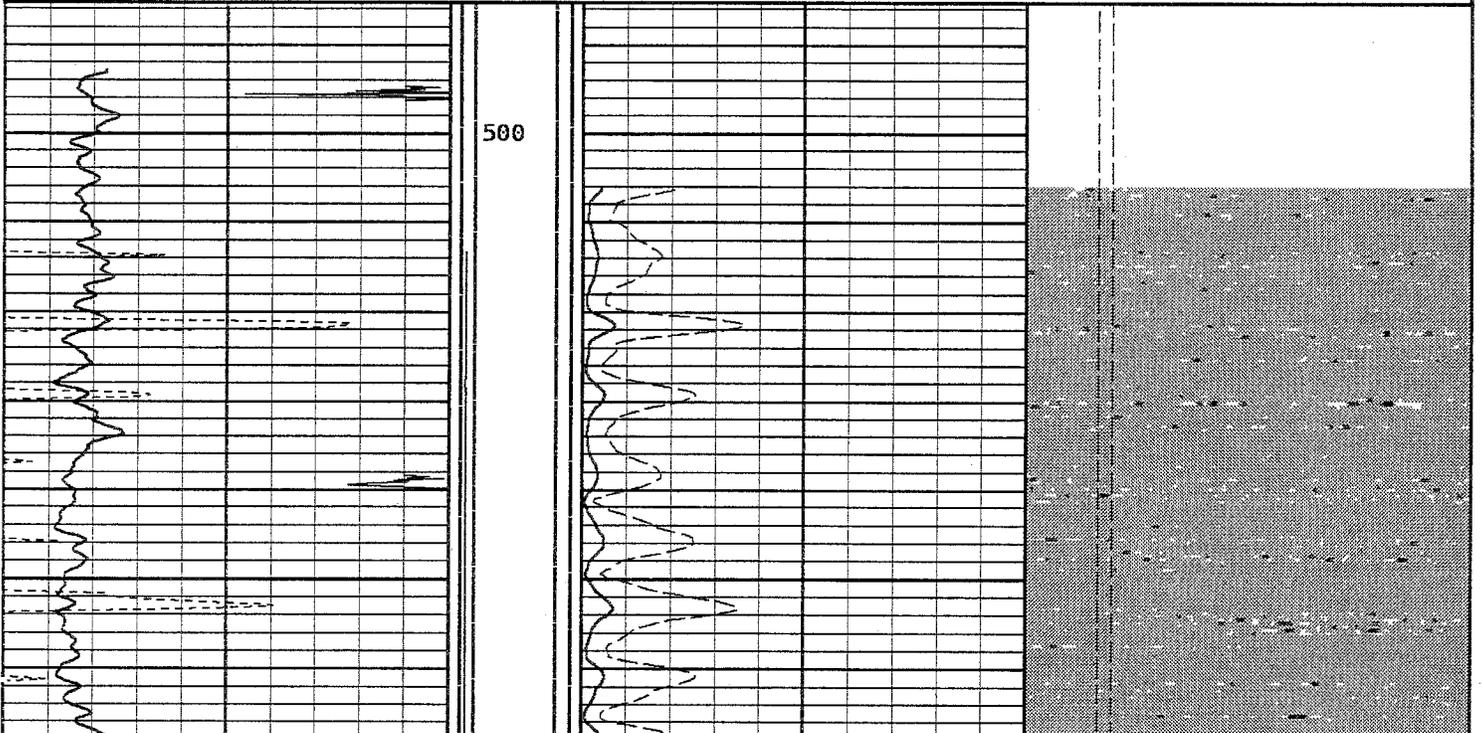
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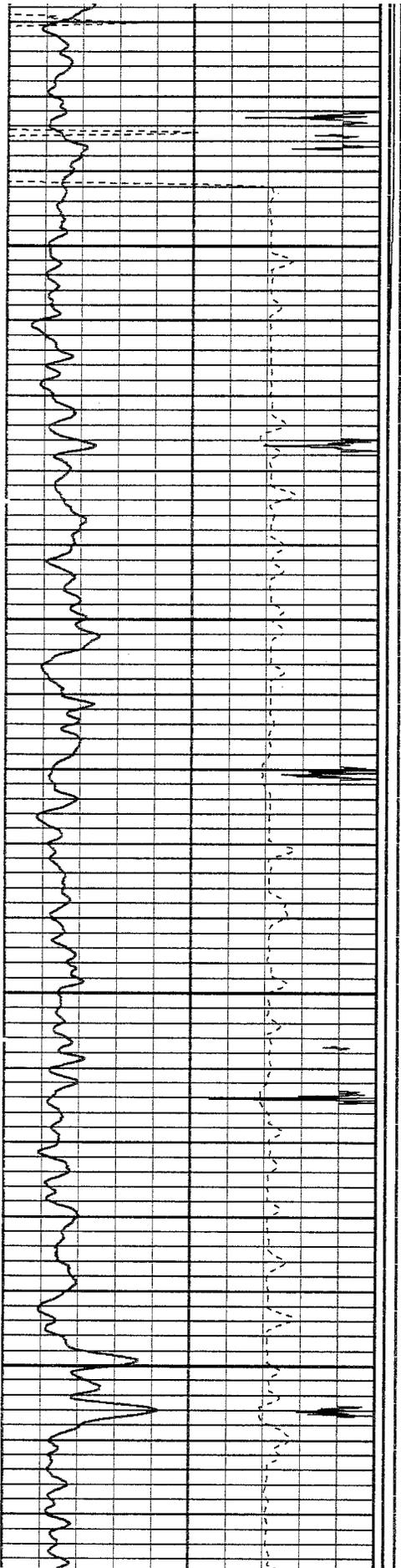
MAIN PASS

122997 CBLMFINAL

FINISH DEPTH: 485.4 Feet DIRECTION: UP DATE: 02/15/2008 TIME: 14:18 MODE: ORIGINAL

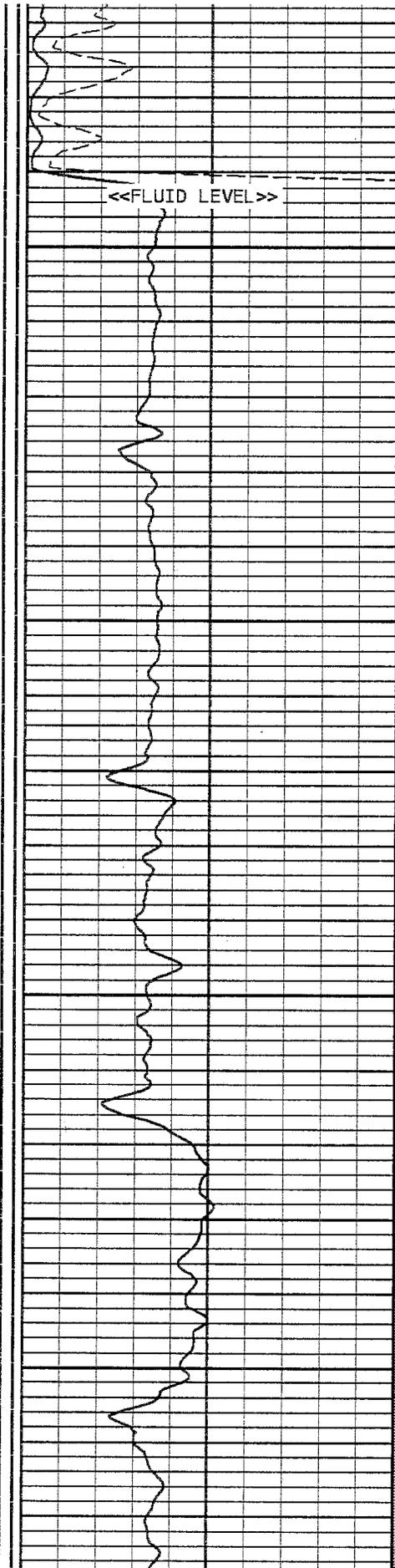
Collar Locator			FREE PIPE GATE		
-1500	Millivolts	165	200	Microseconds	1200
Gamma Ray			FREE PIPE GATE		
0	API	150	0	Microseconds	1200
TRAVEL TIME 3FT			VARIABLE DENSITY 5FT		
450	Microseconds	200	0	Microseconds	1200
		Tension	AMP AMP 3FT		
		0	0	Millivolts	20
		0	2000	AMPLITUDE 3FT	100
		0	0	Millivolts	100



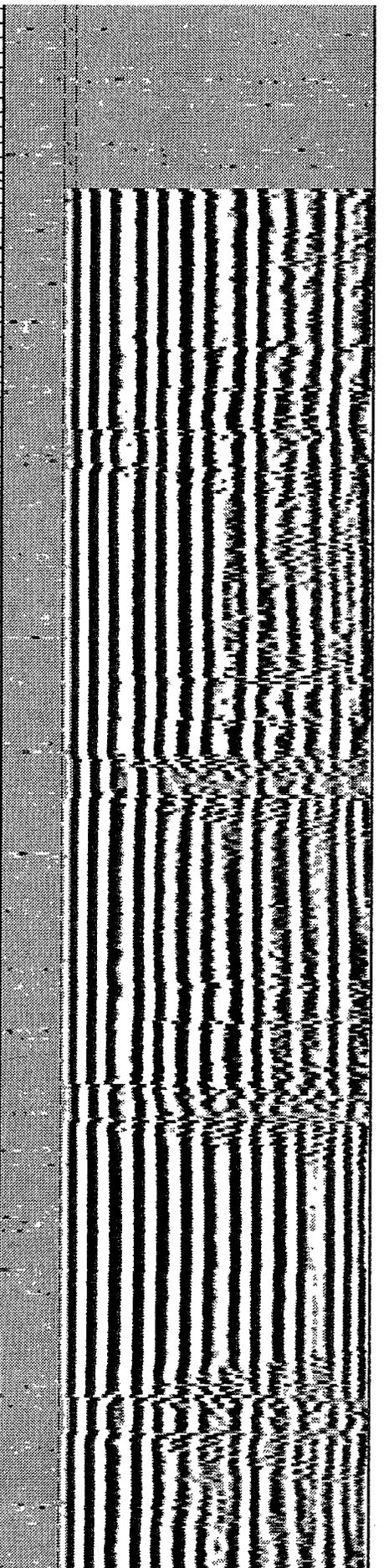


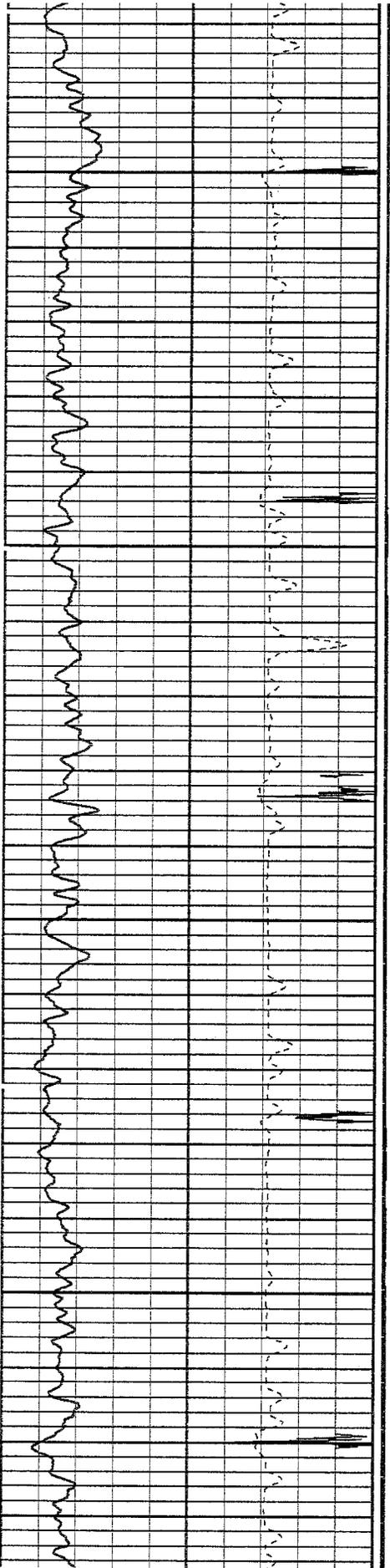
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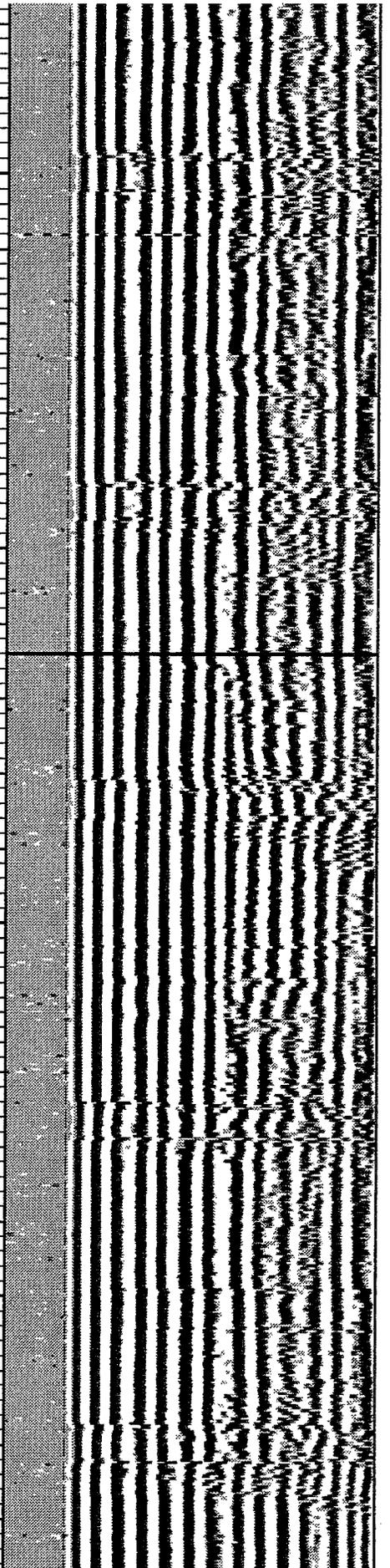
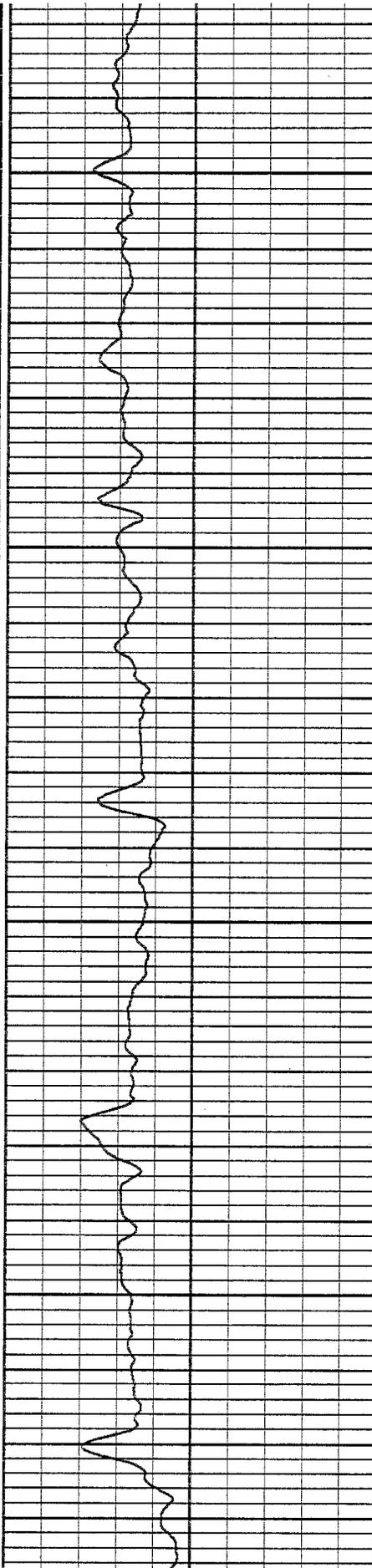
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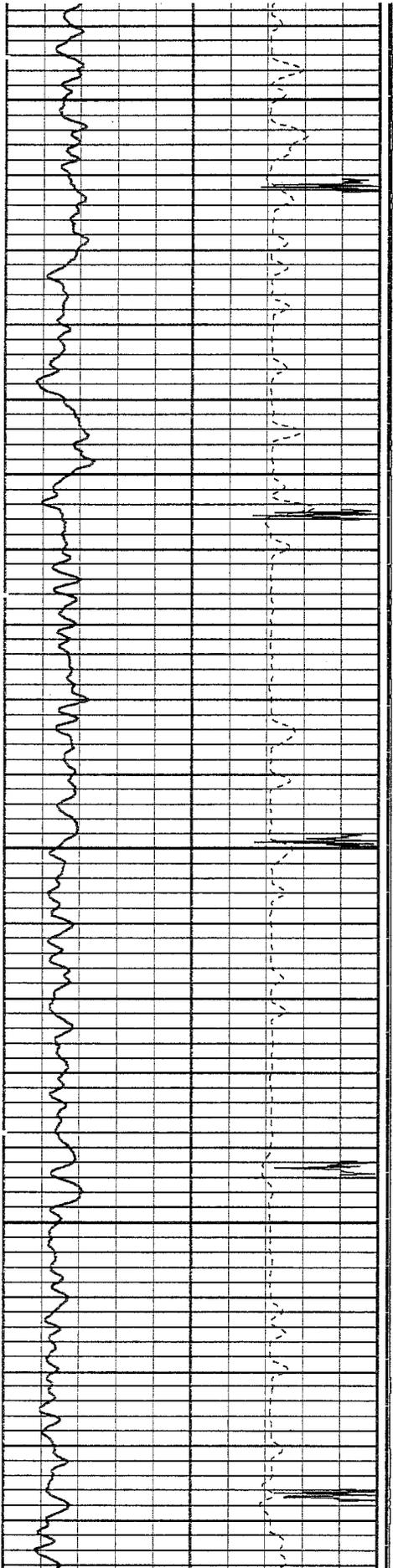




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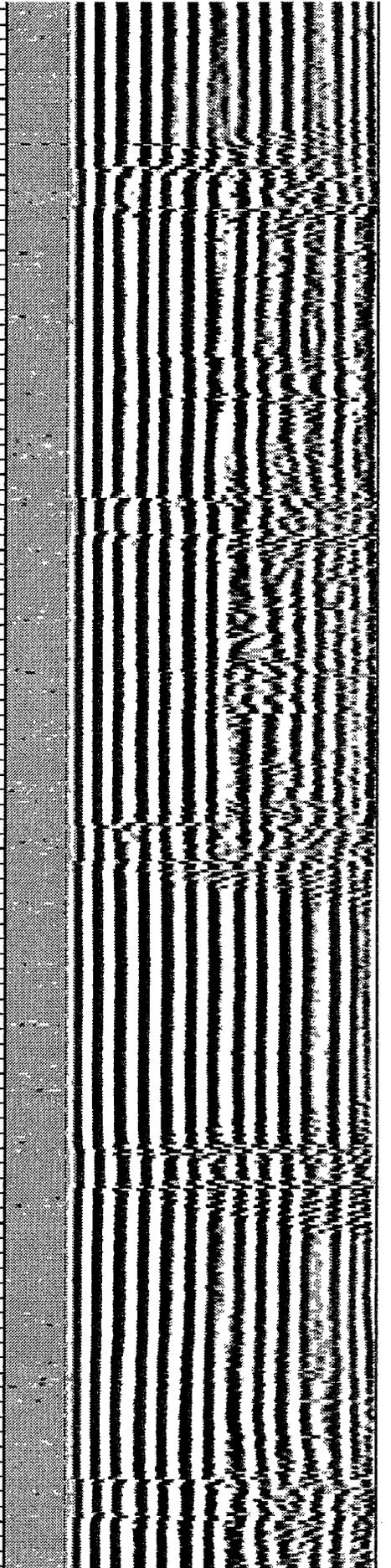
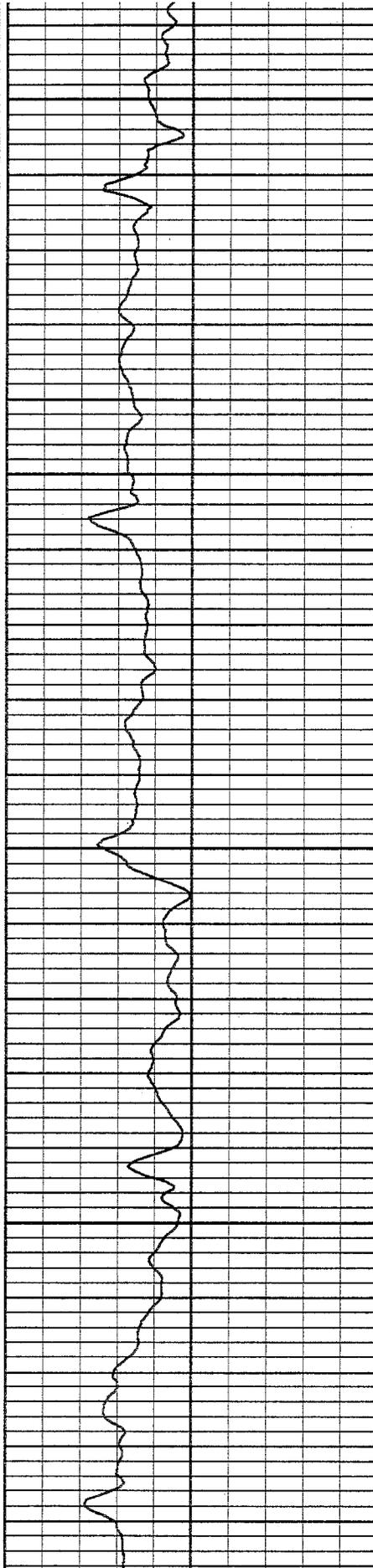
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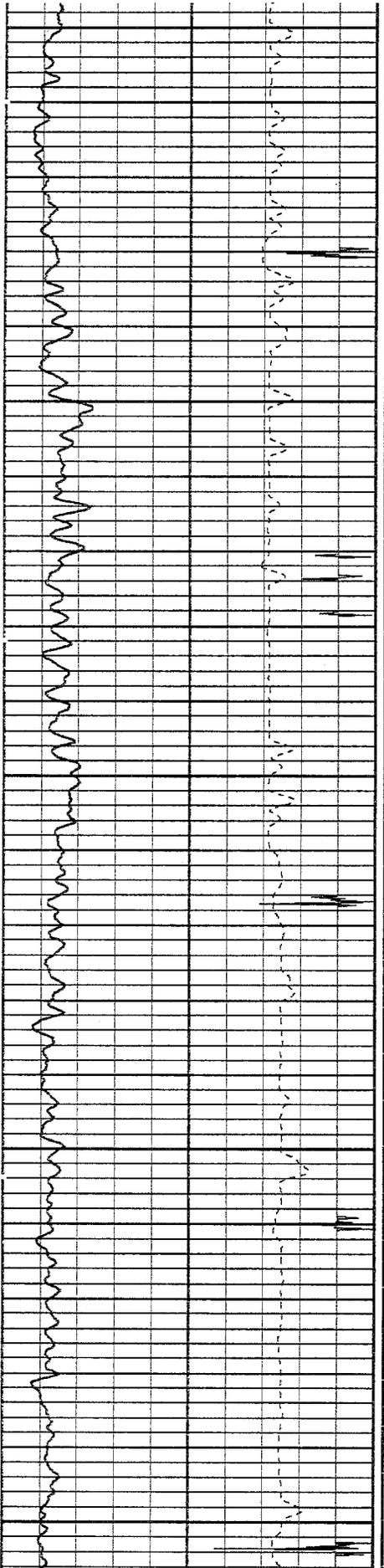




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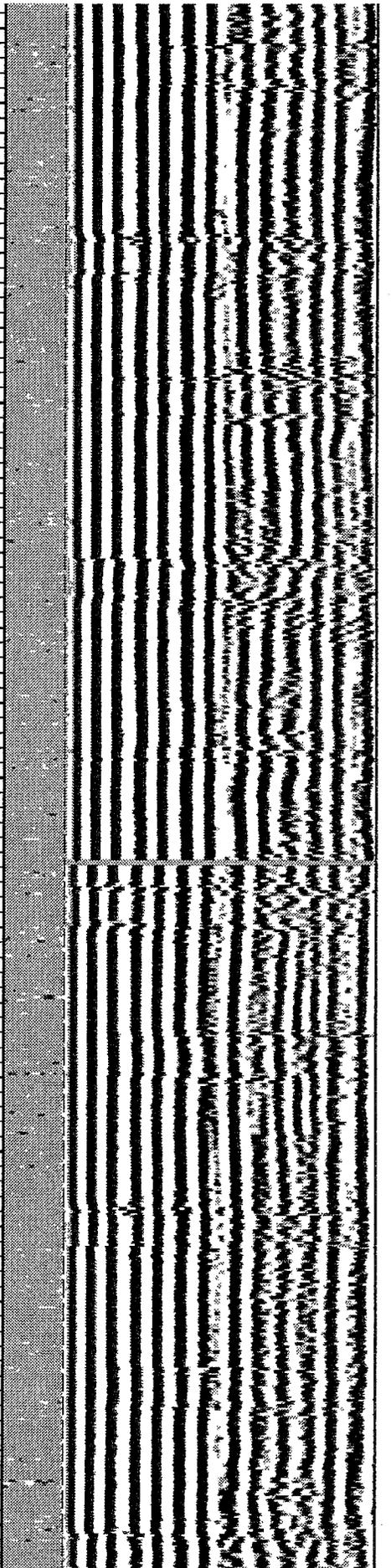
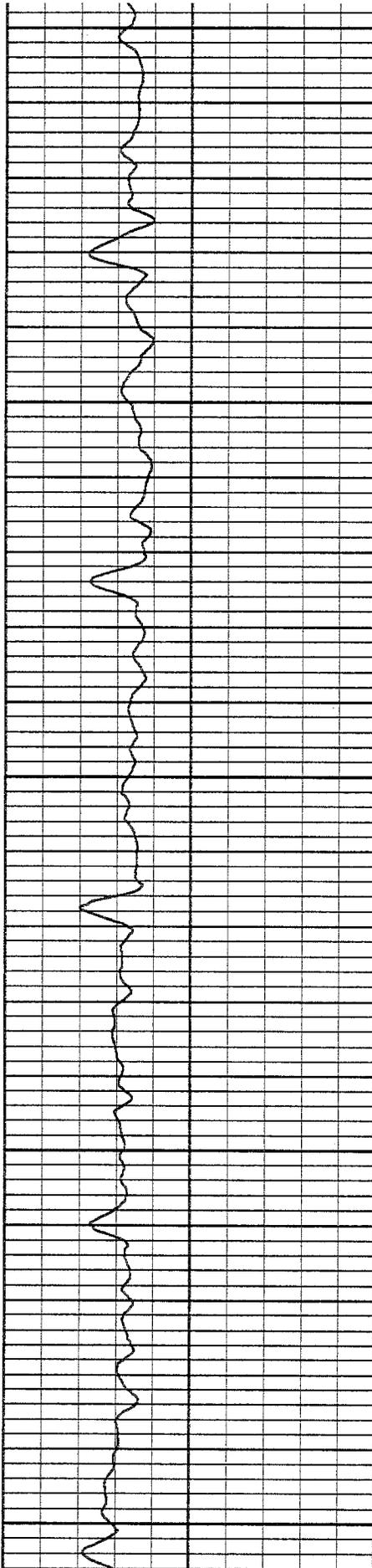


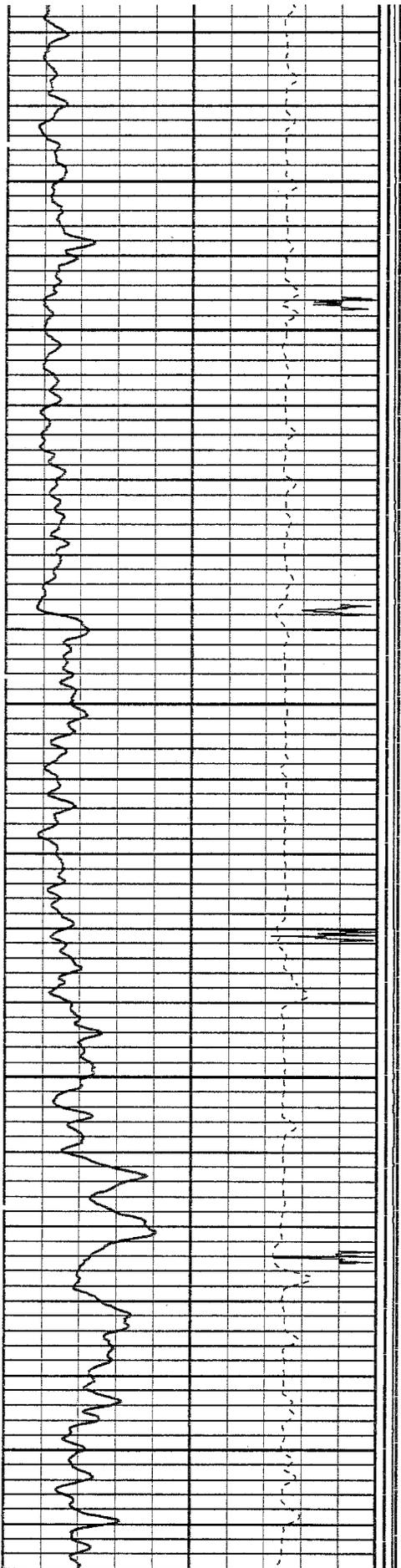


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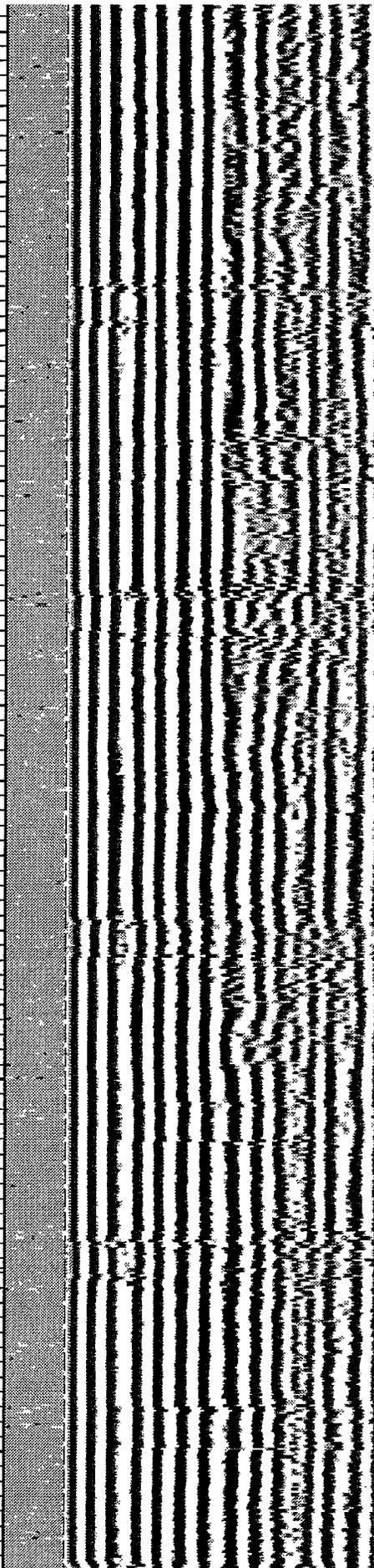
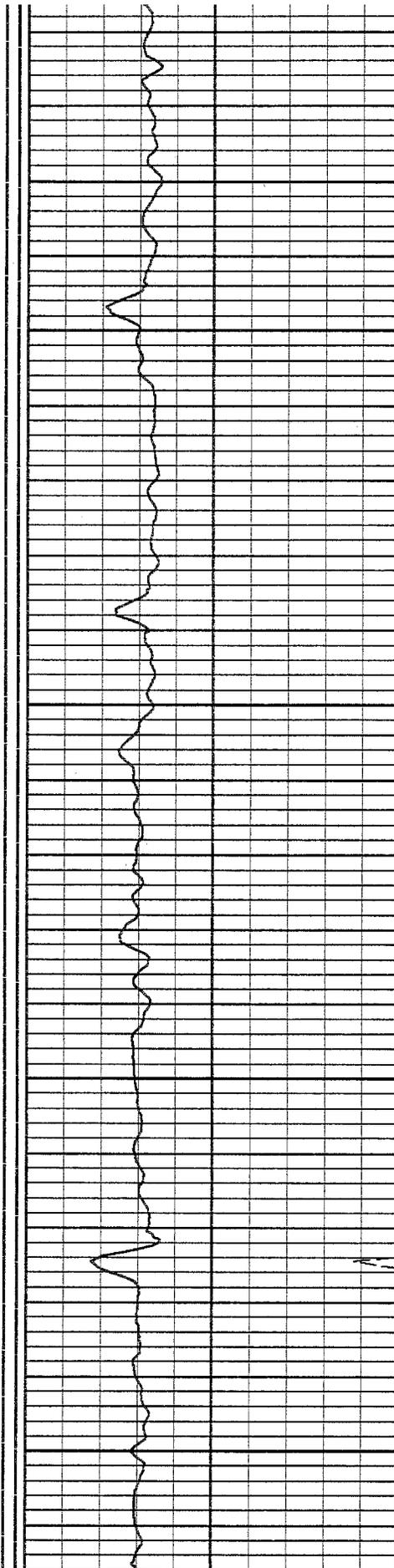
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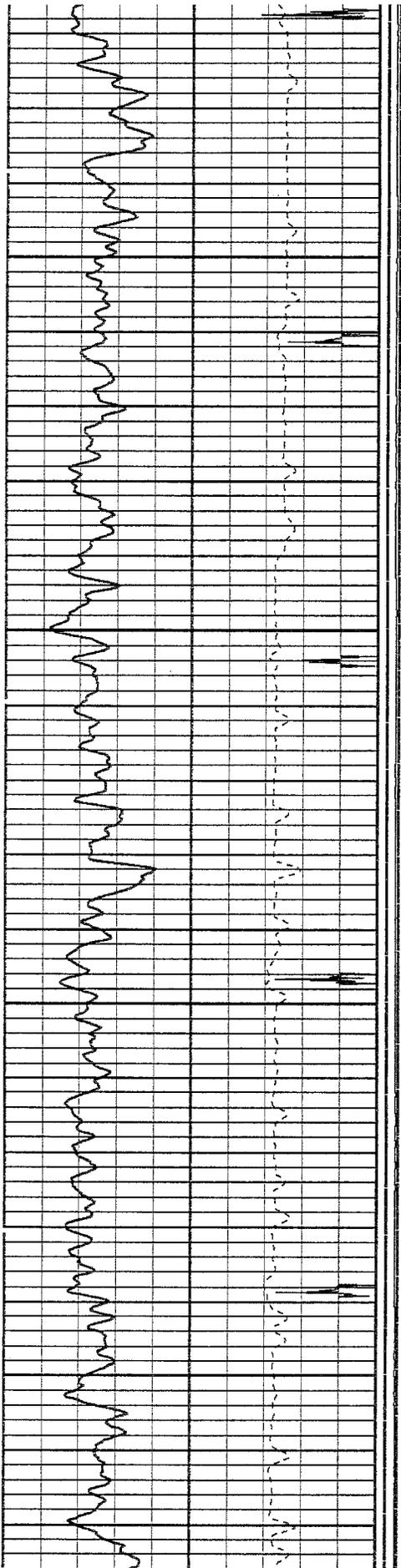




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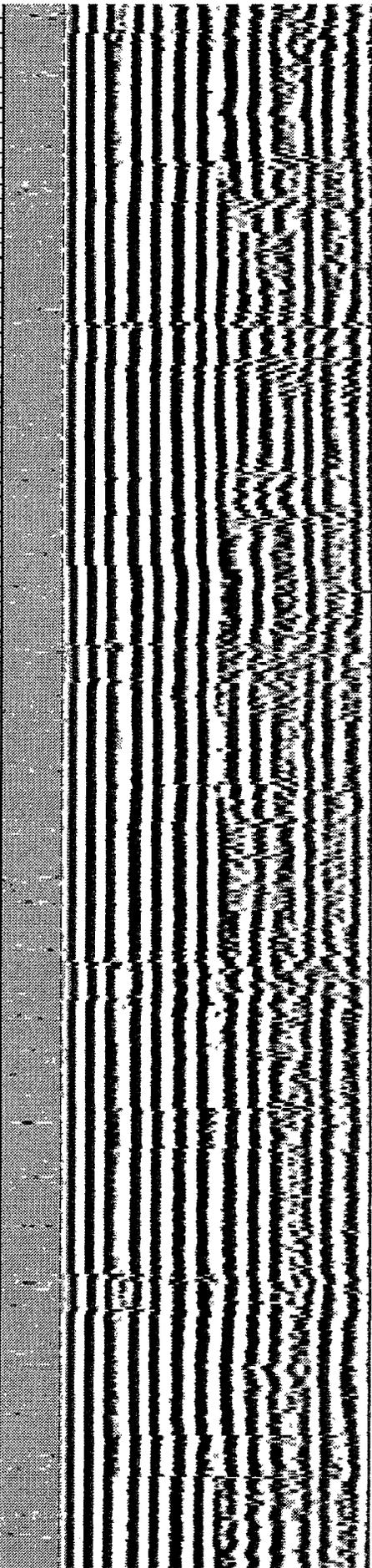
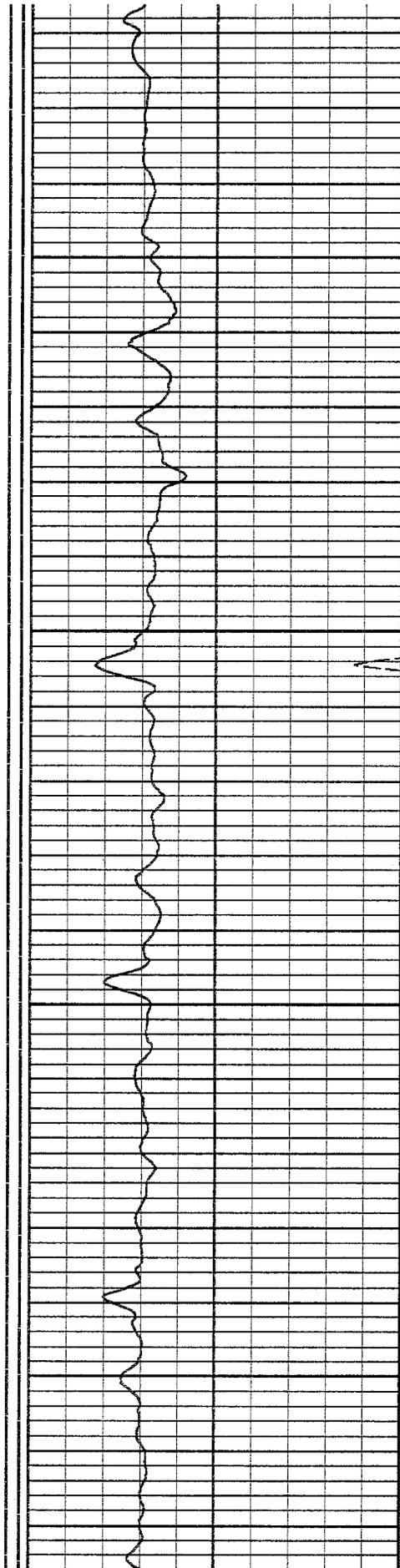
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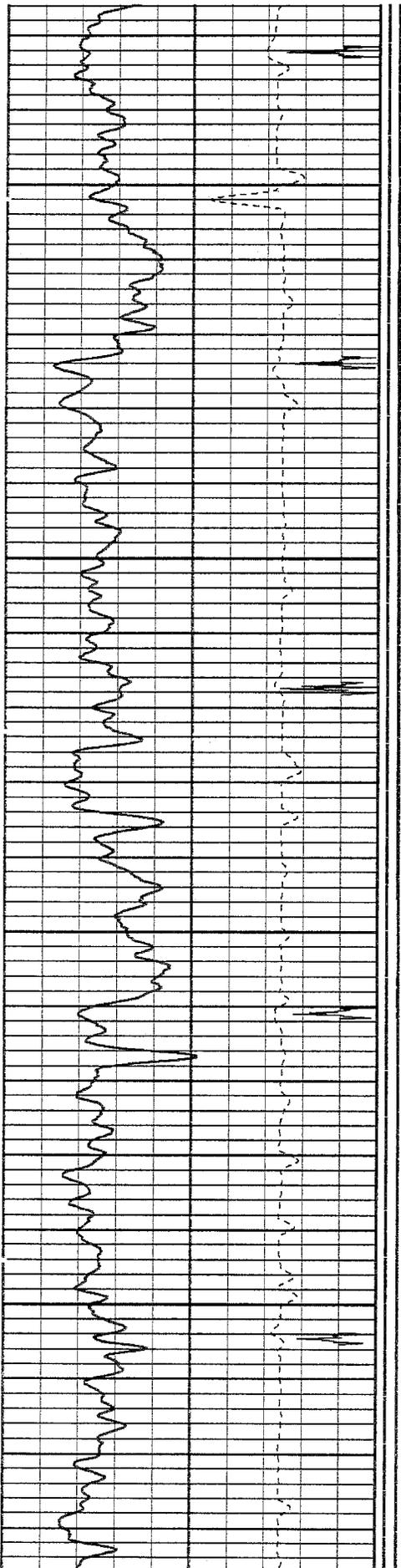




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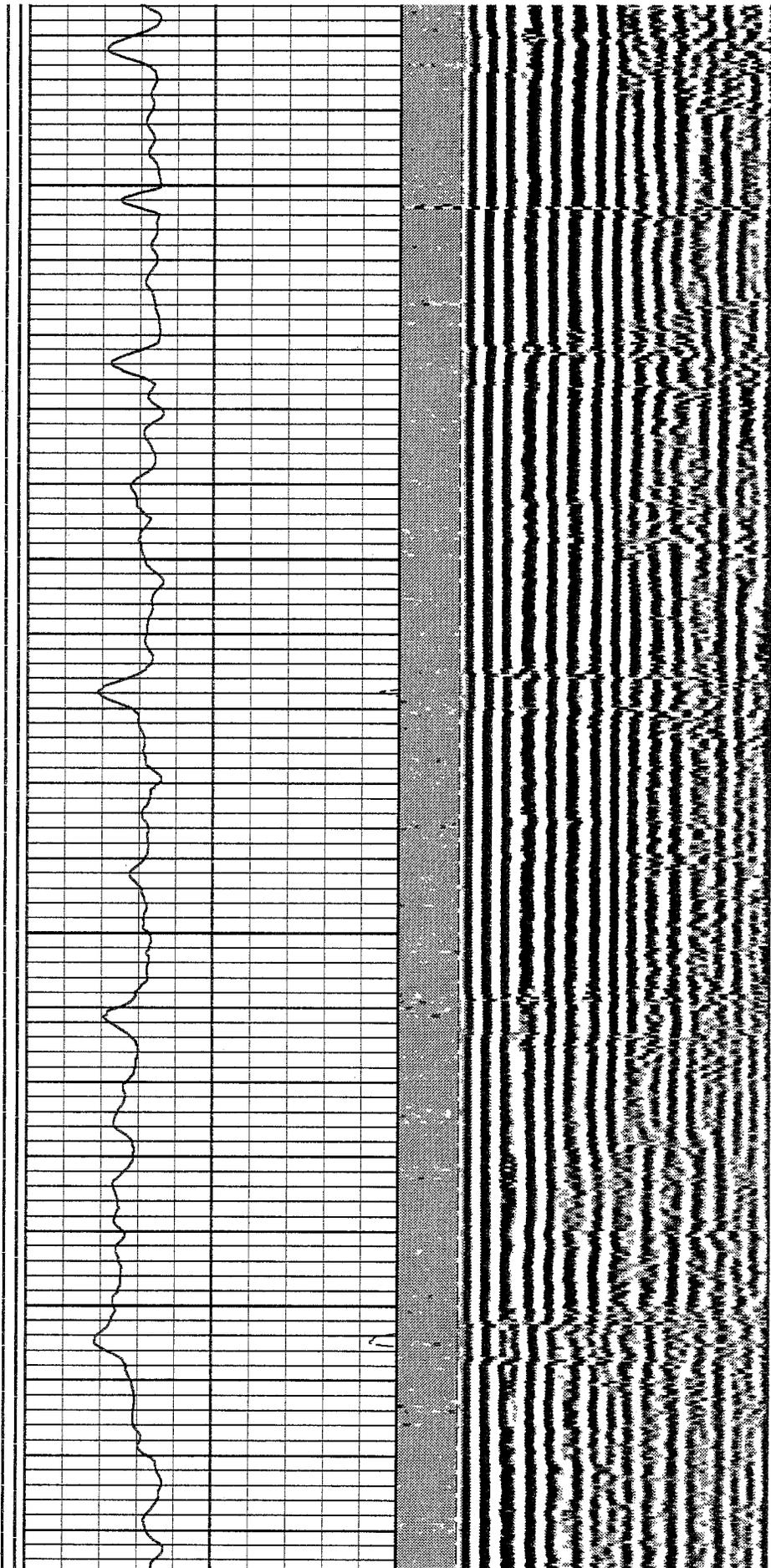
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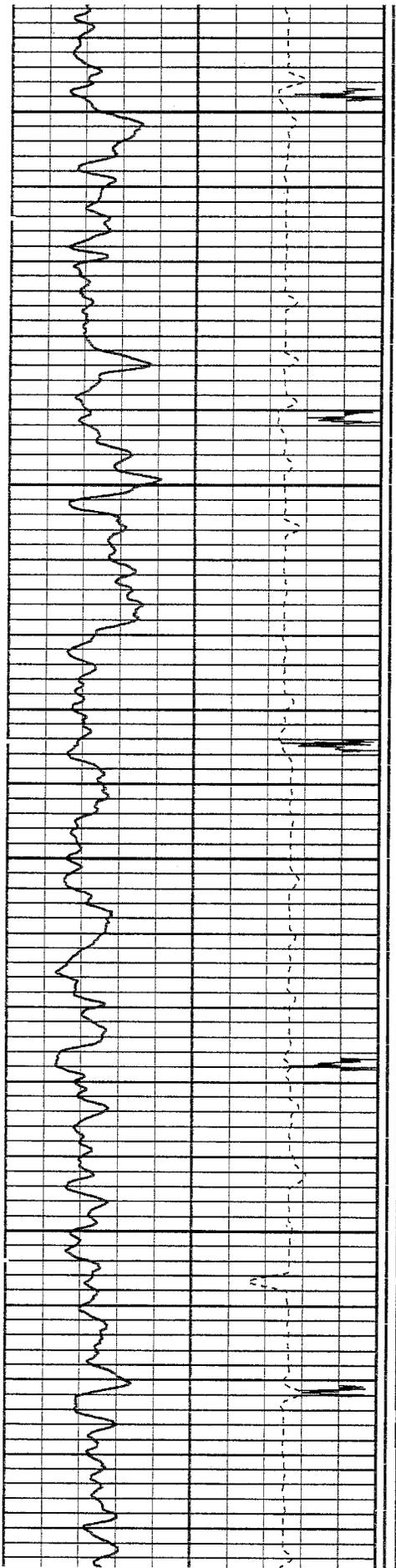




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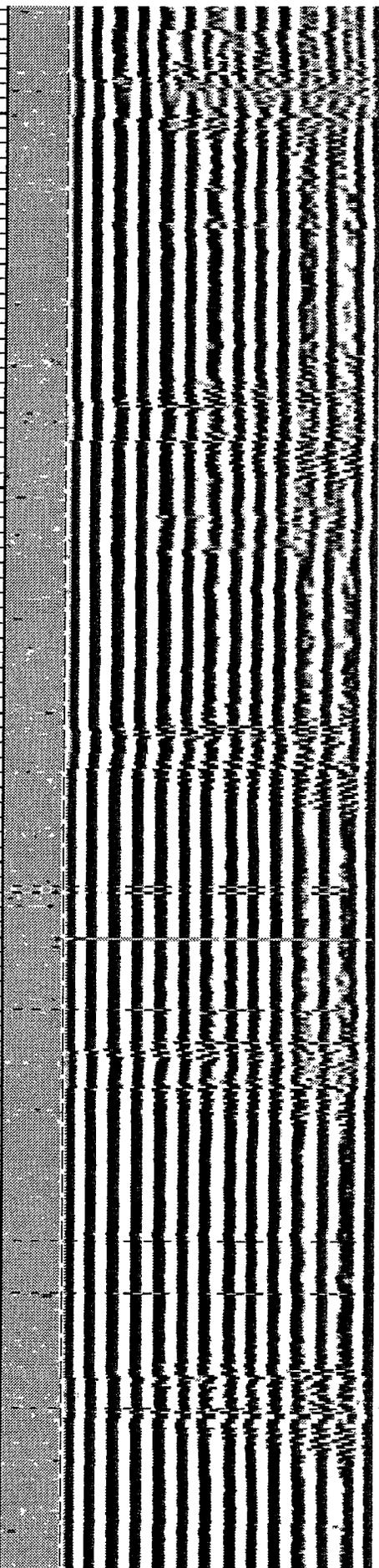
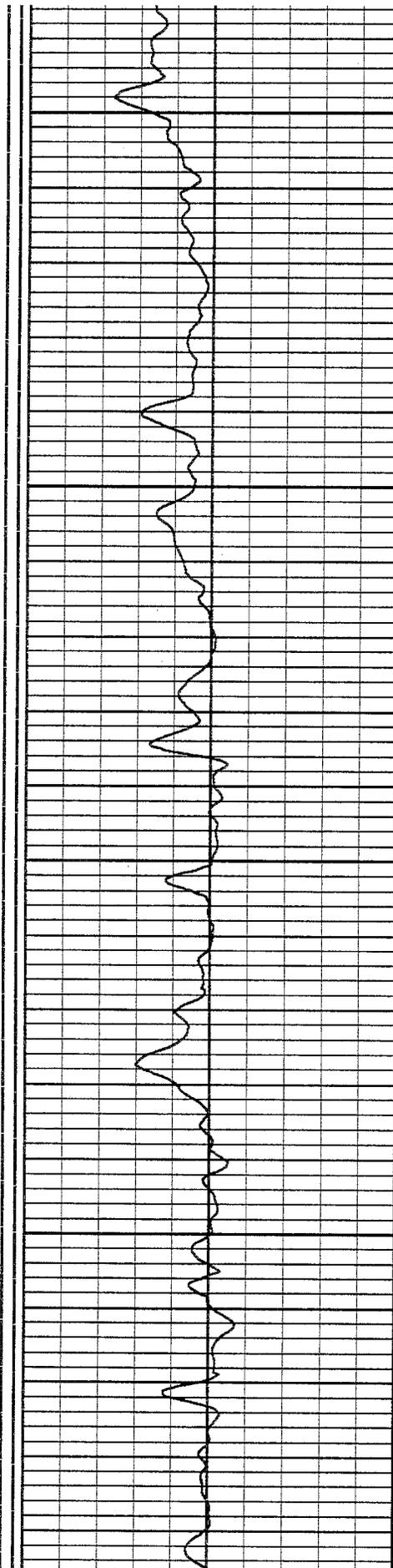
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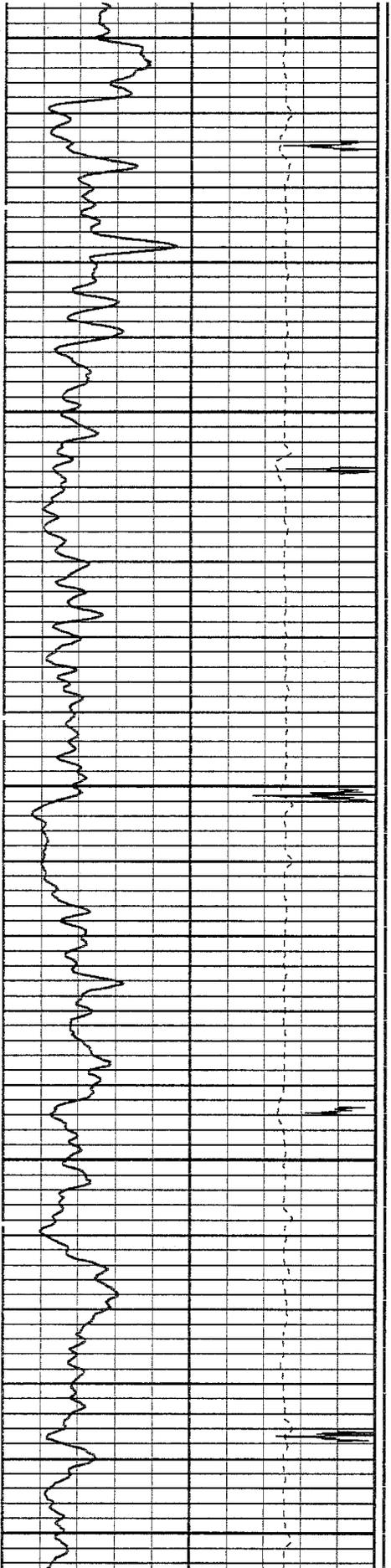




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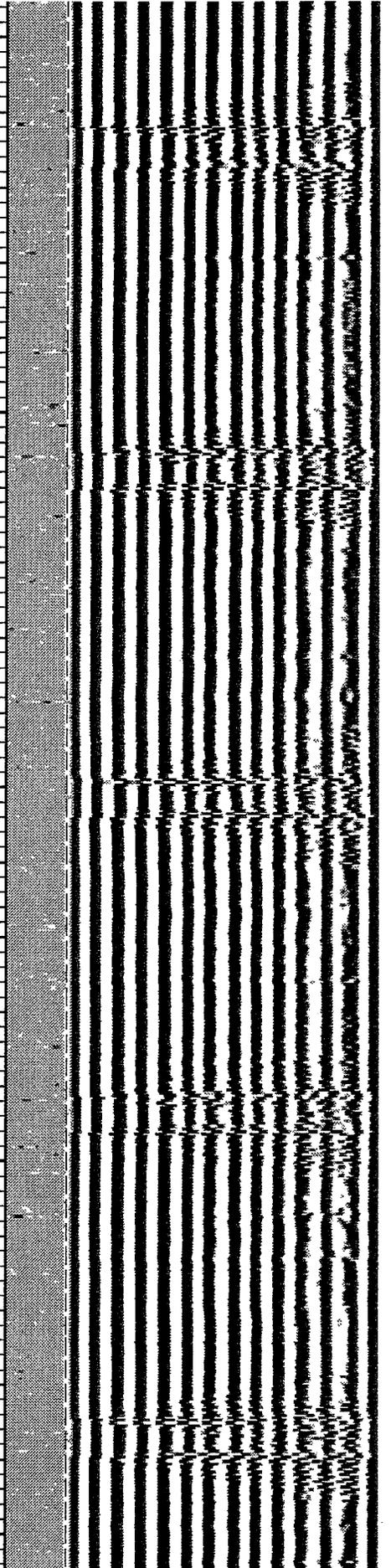
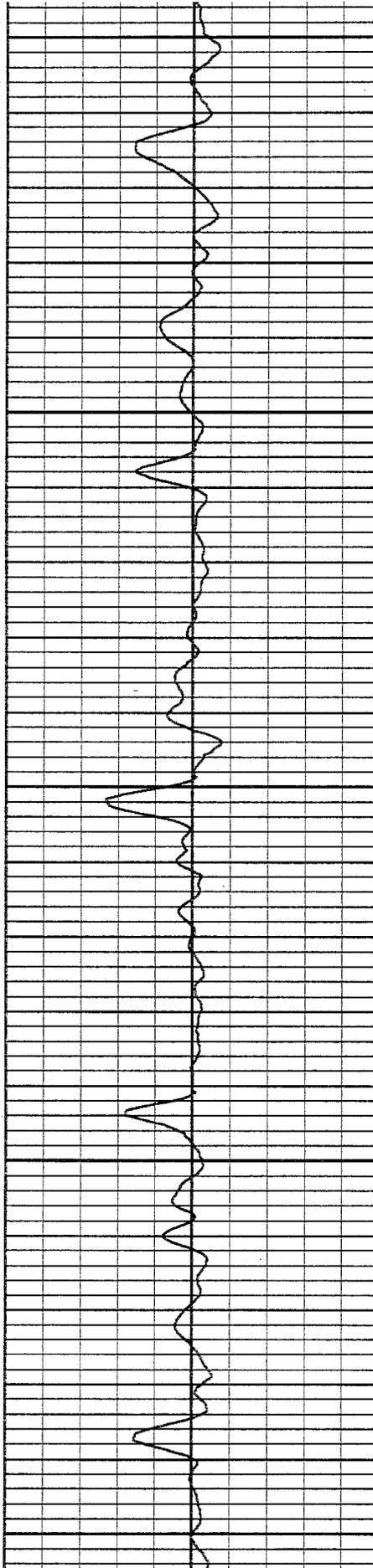
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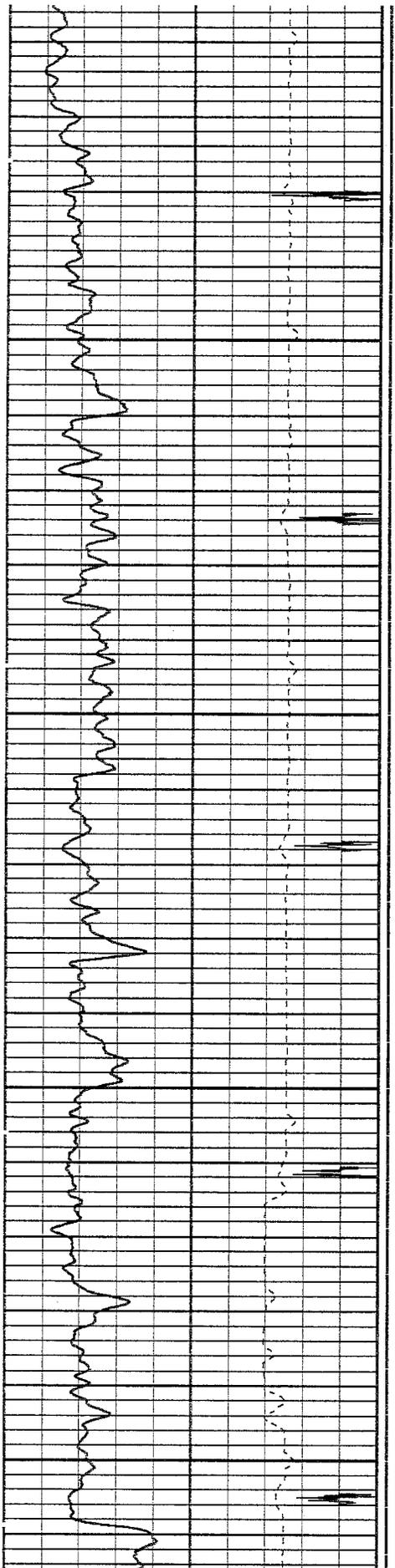




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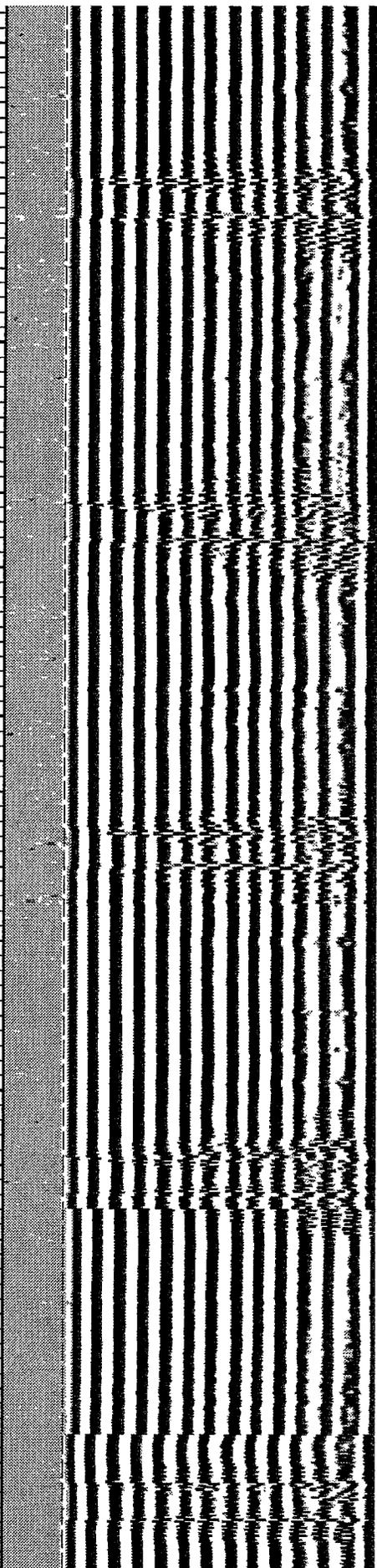
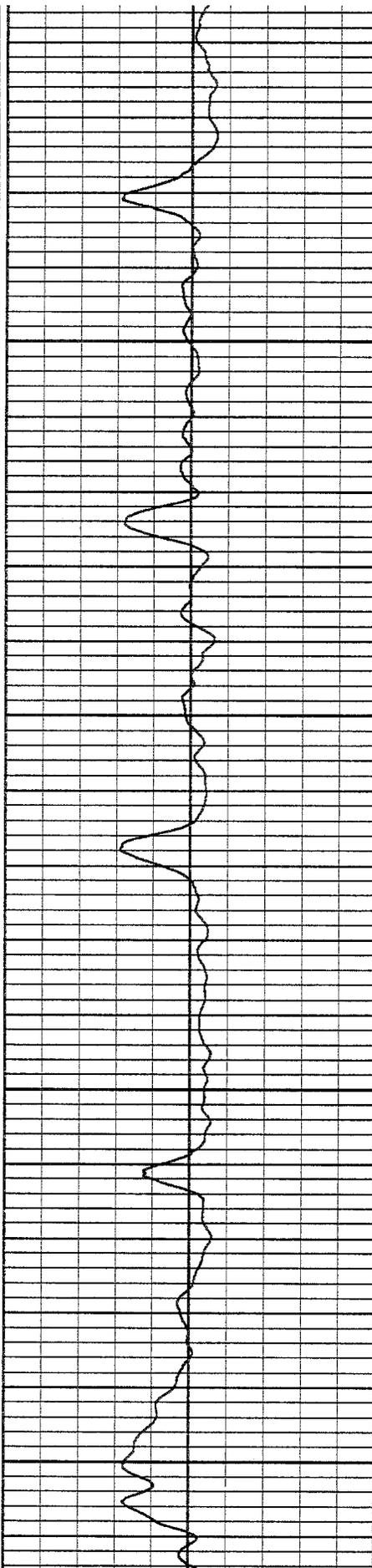
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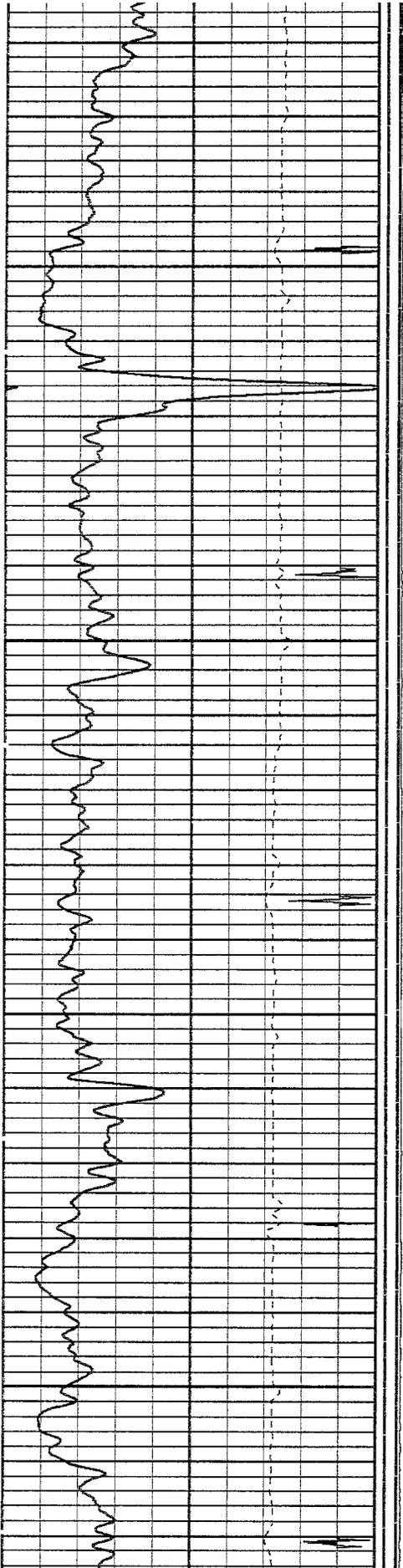




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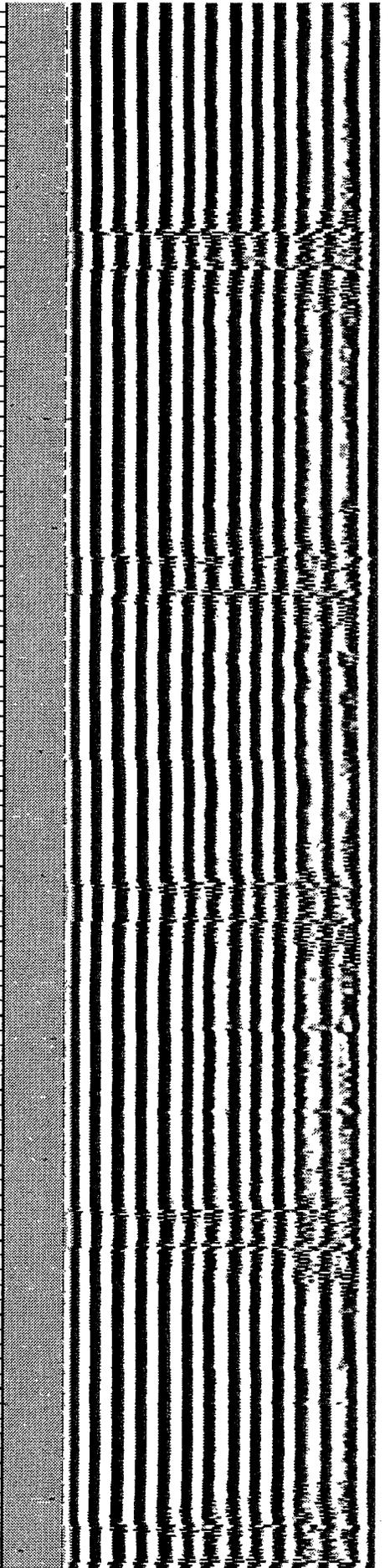
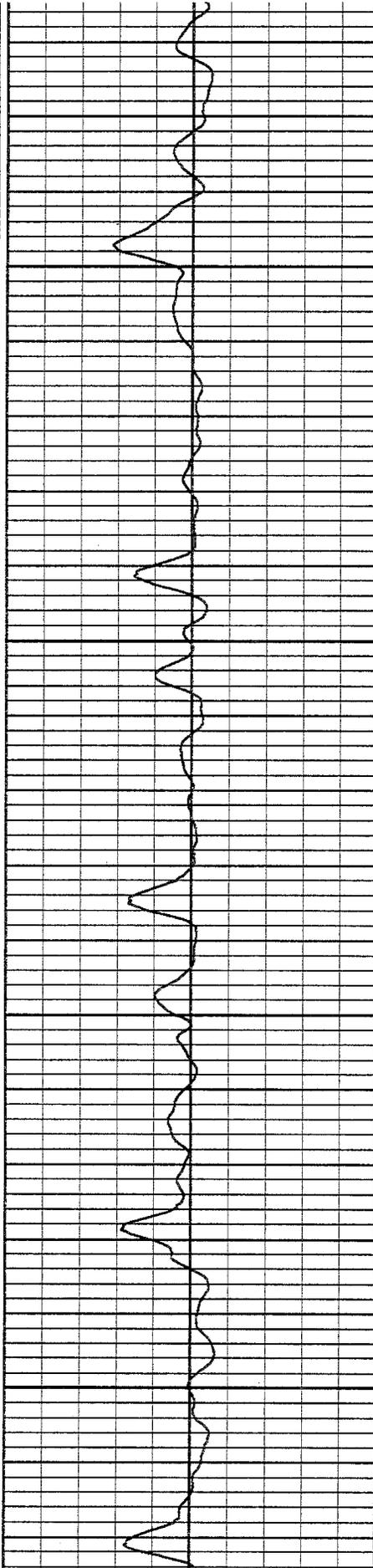
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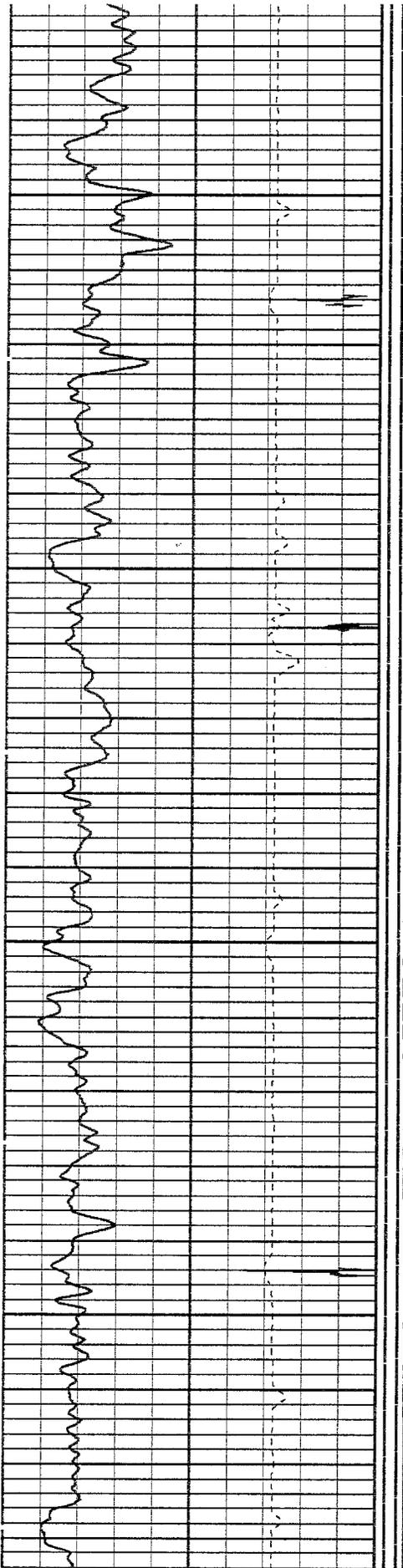




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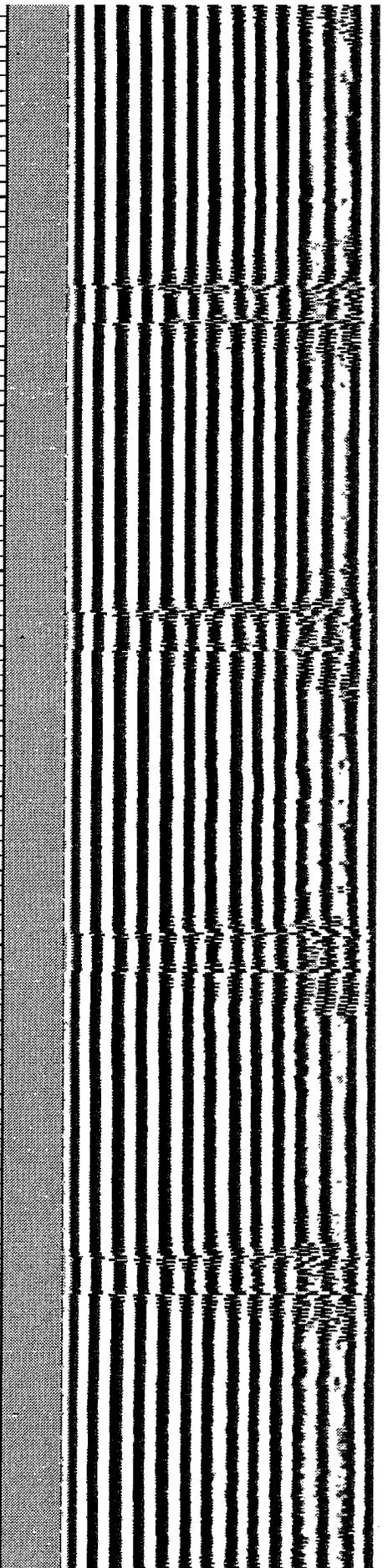
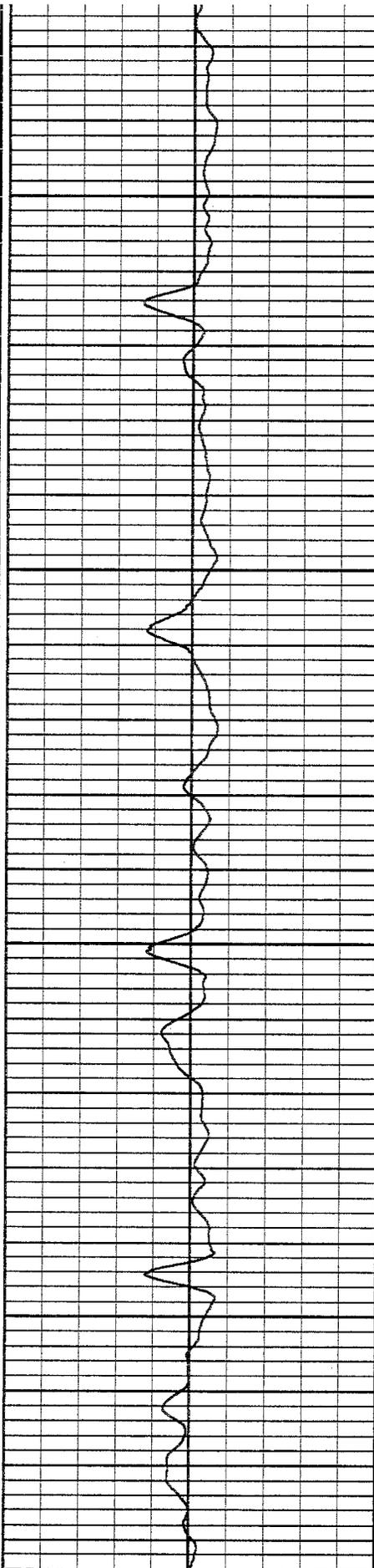
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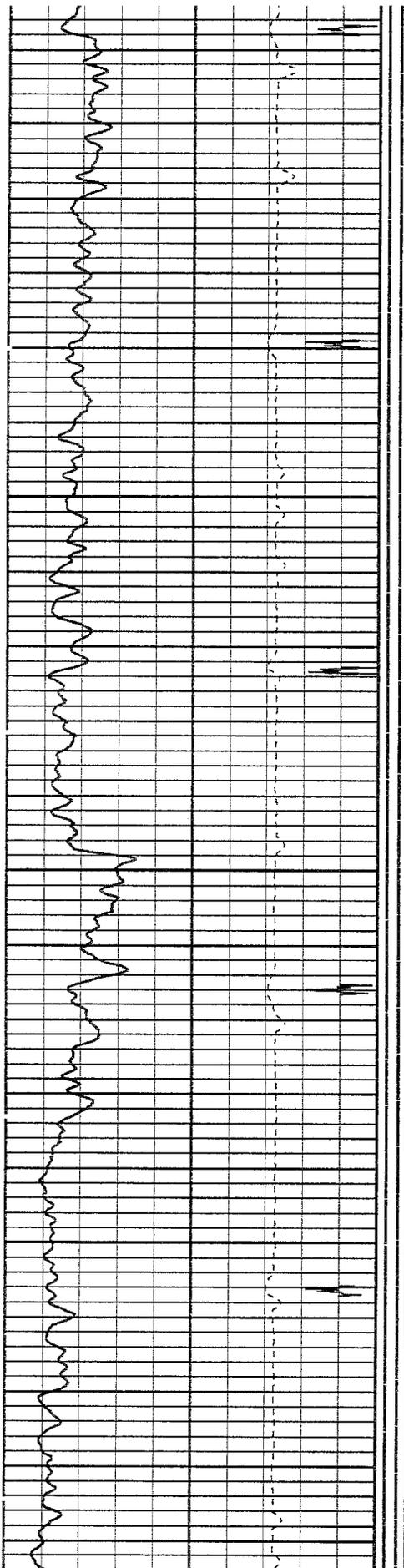




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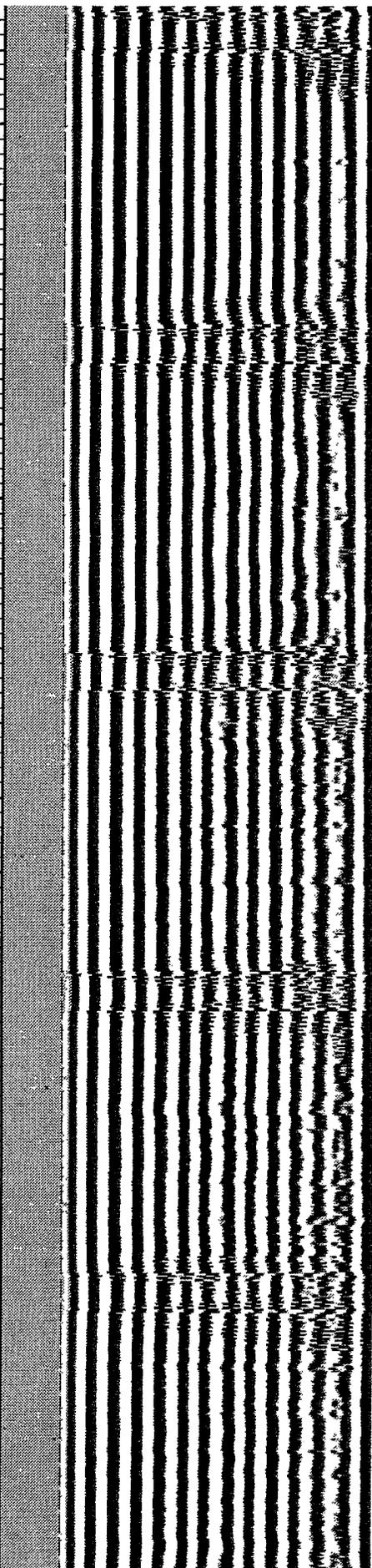
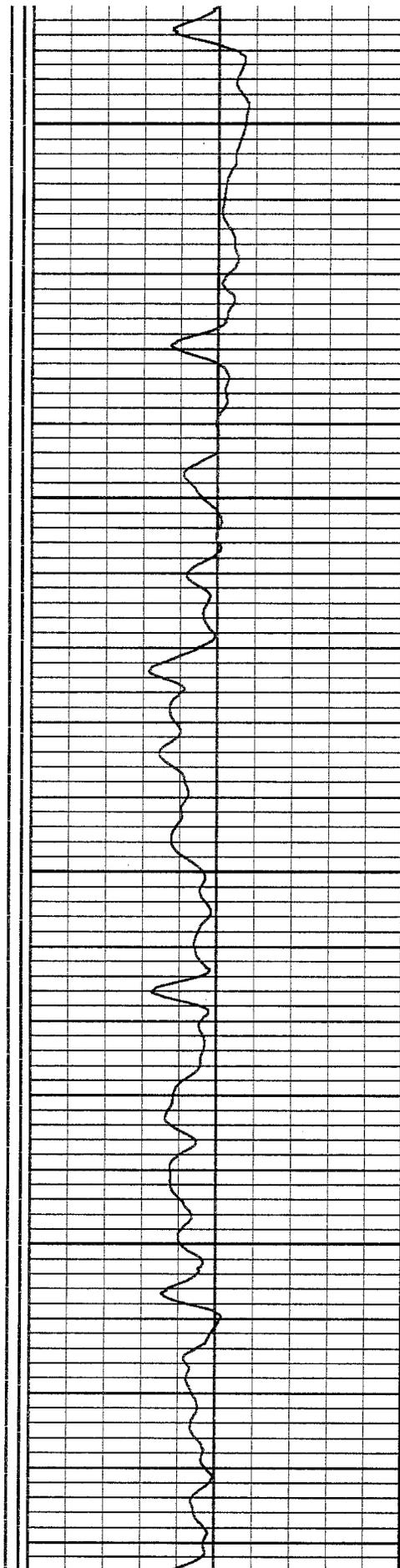
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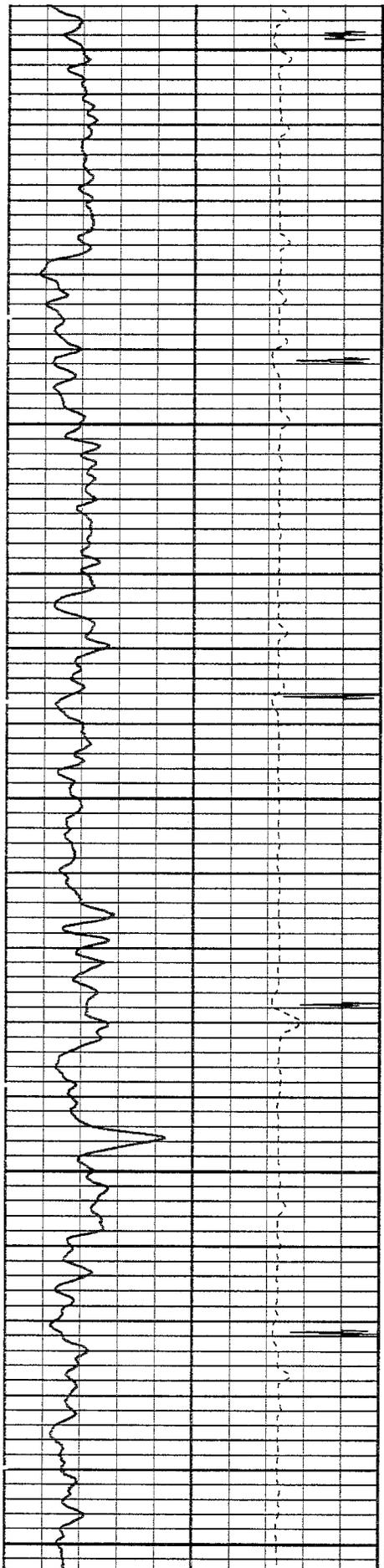




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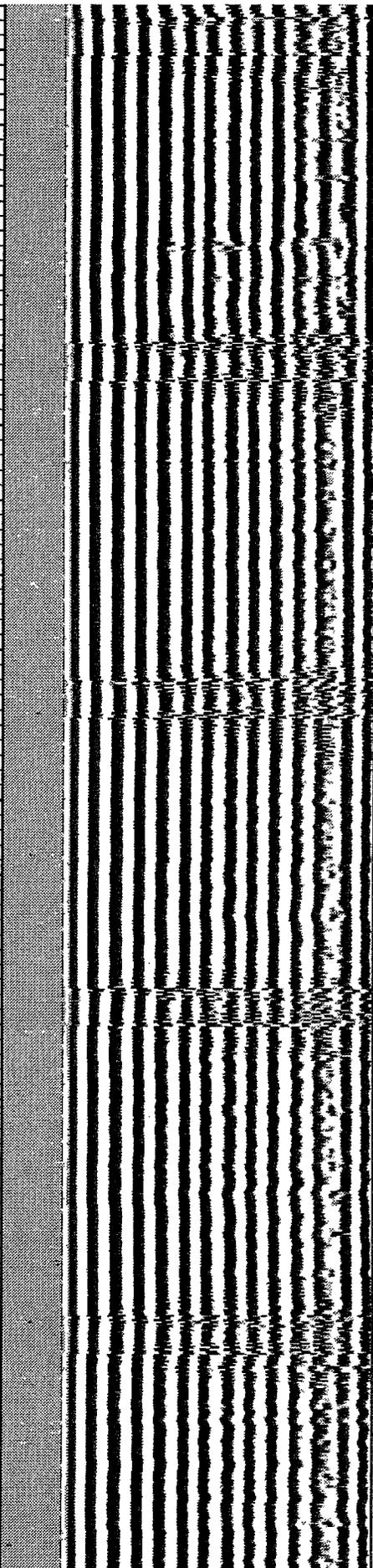
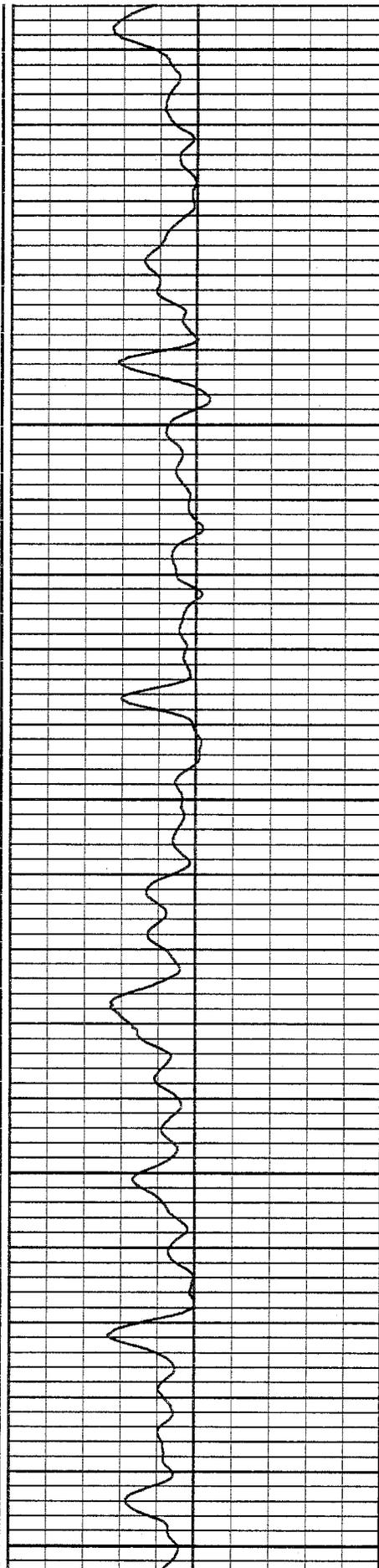


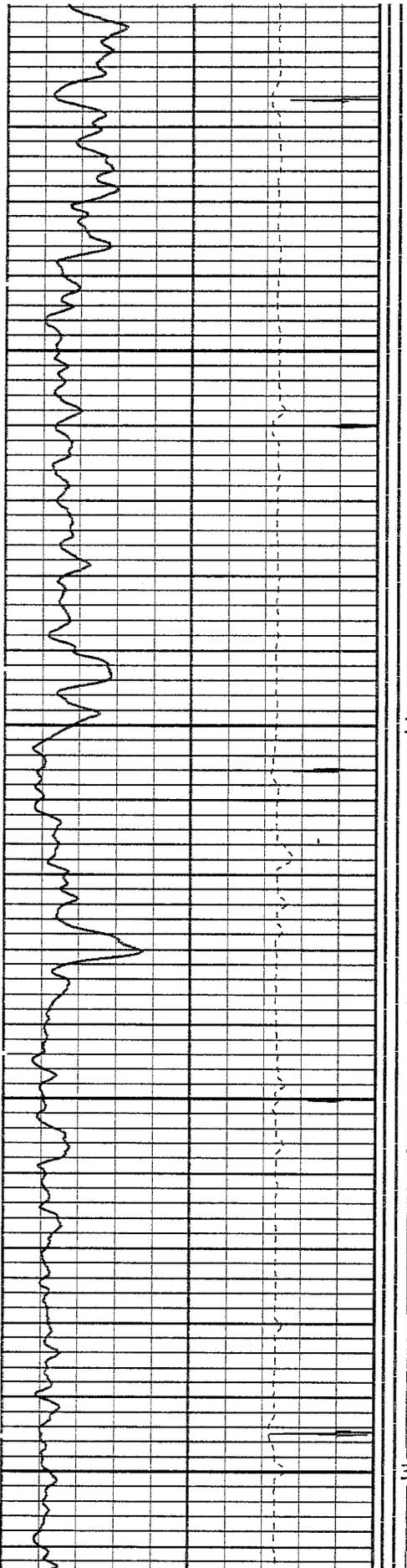


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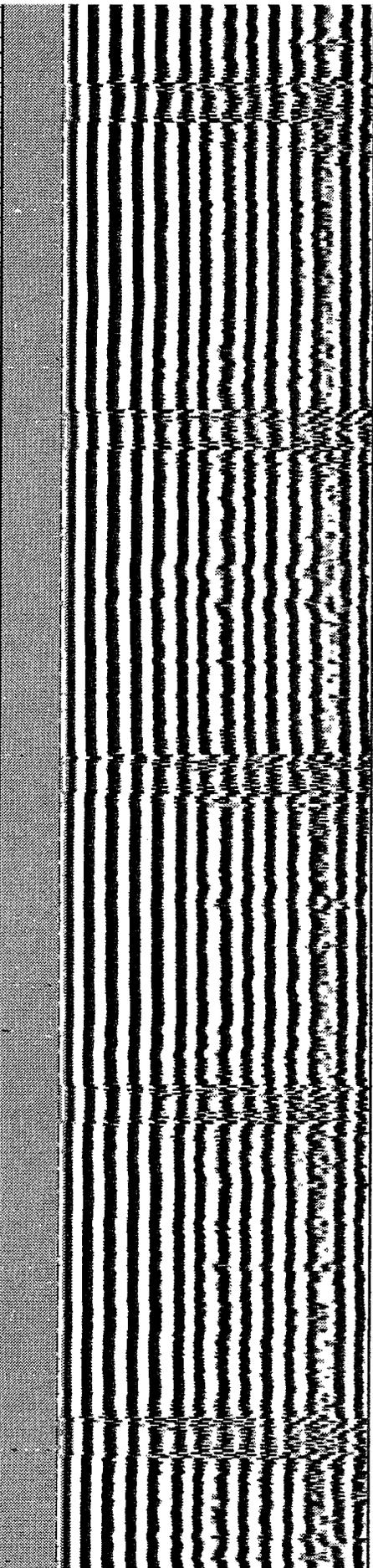
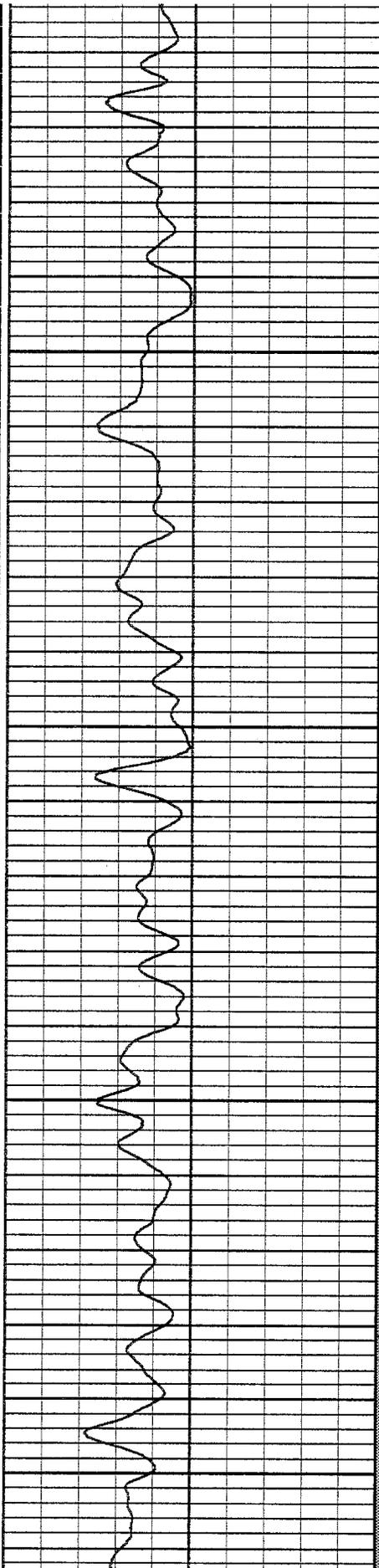
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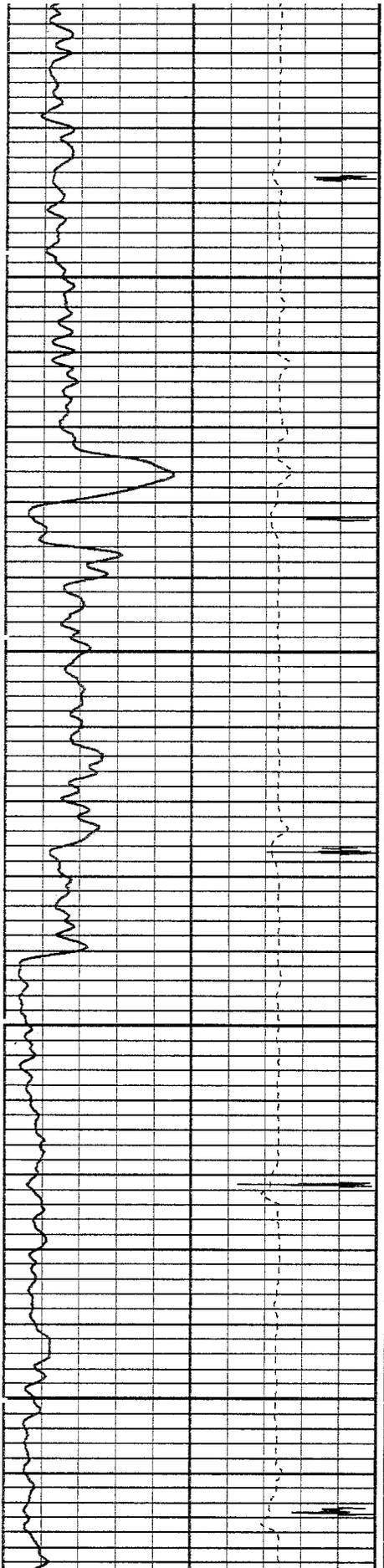




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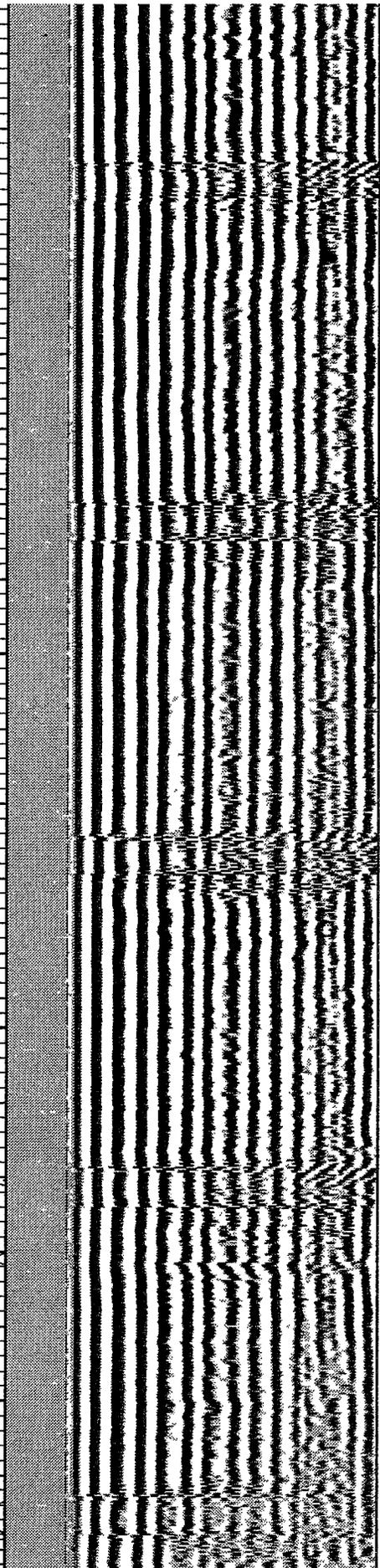
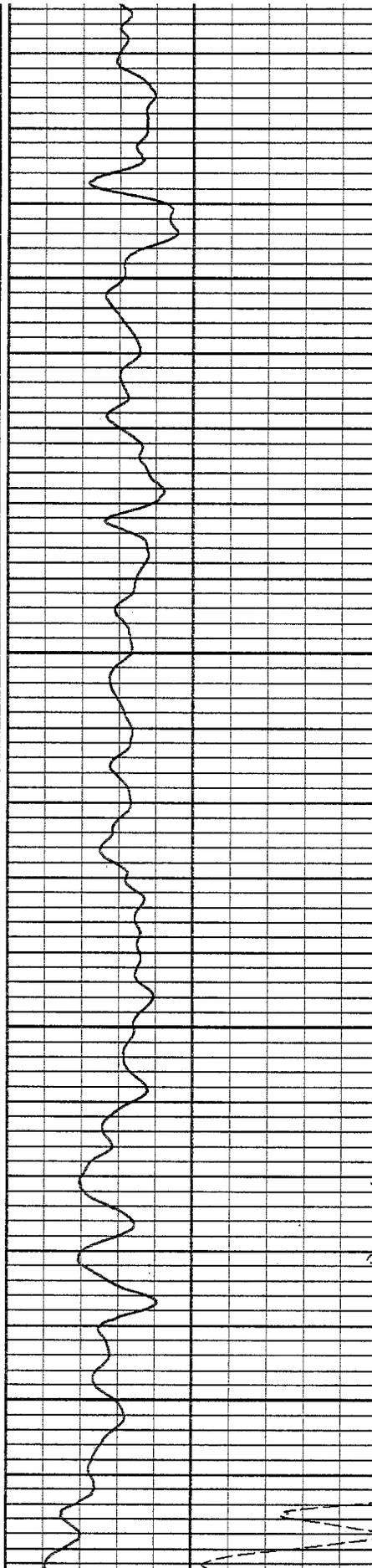
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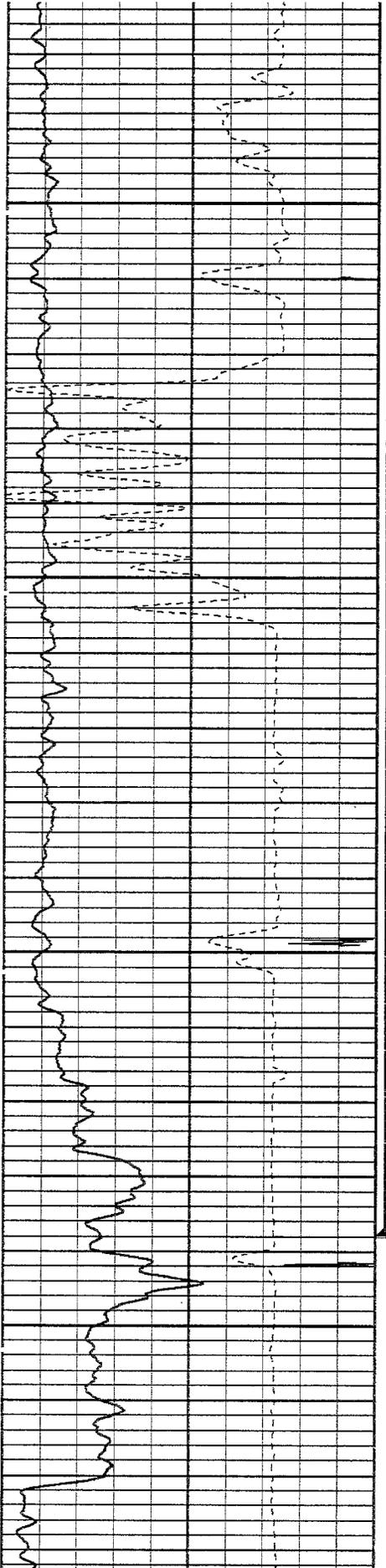




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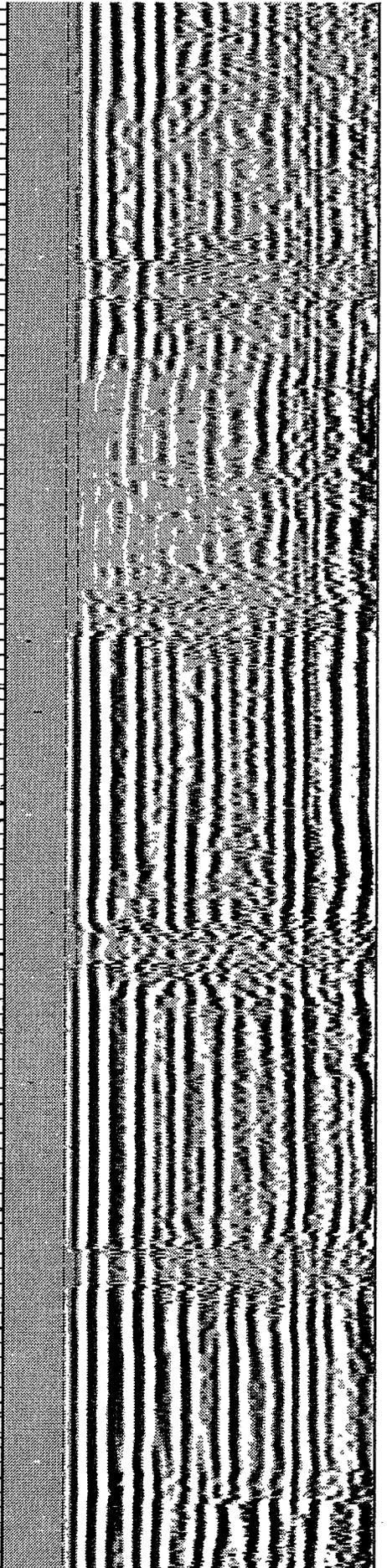
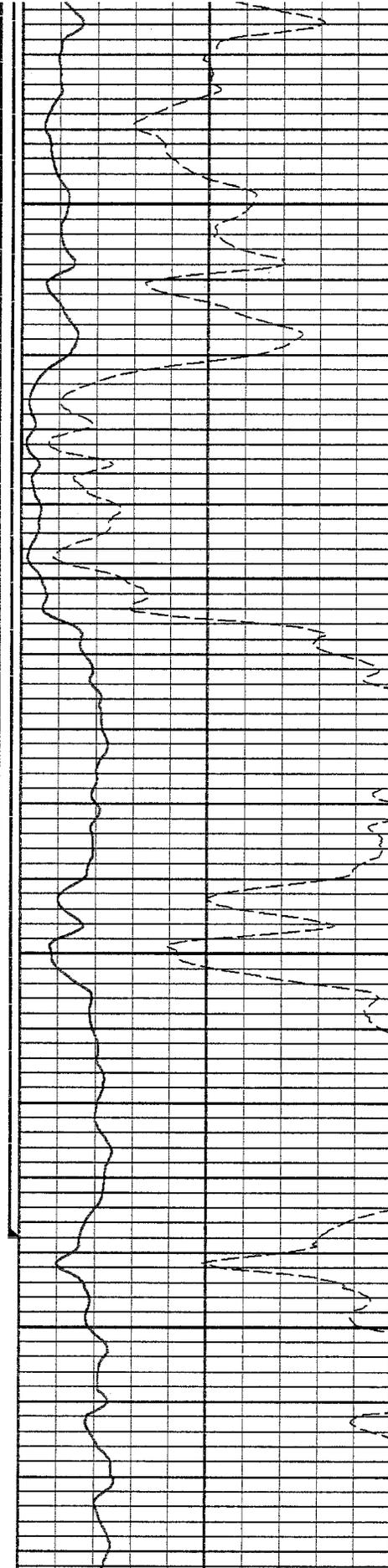
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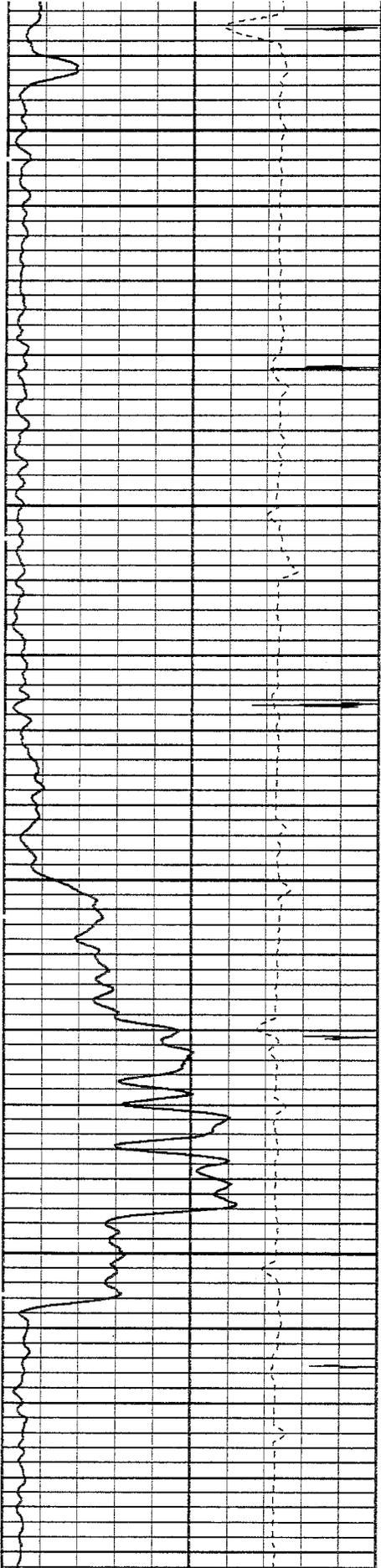




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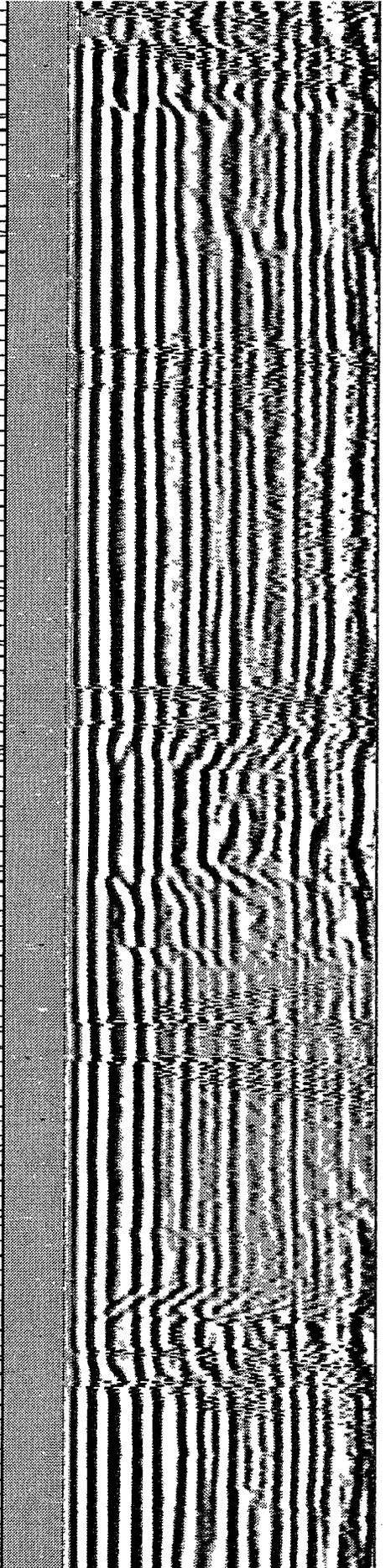
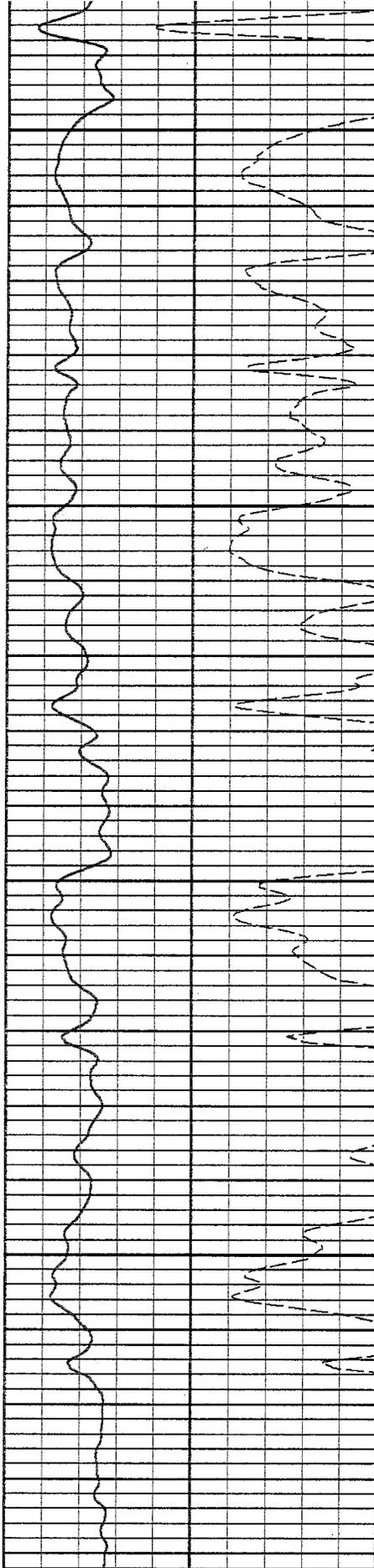
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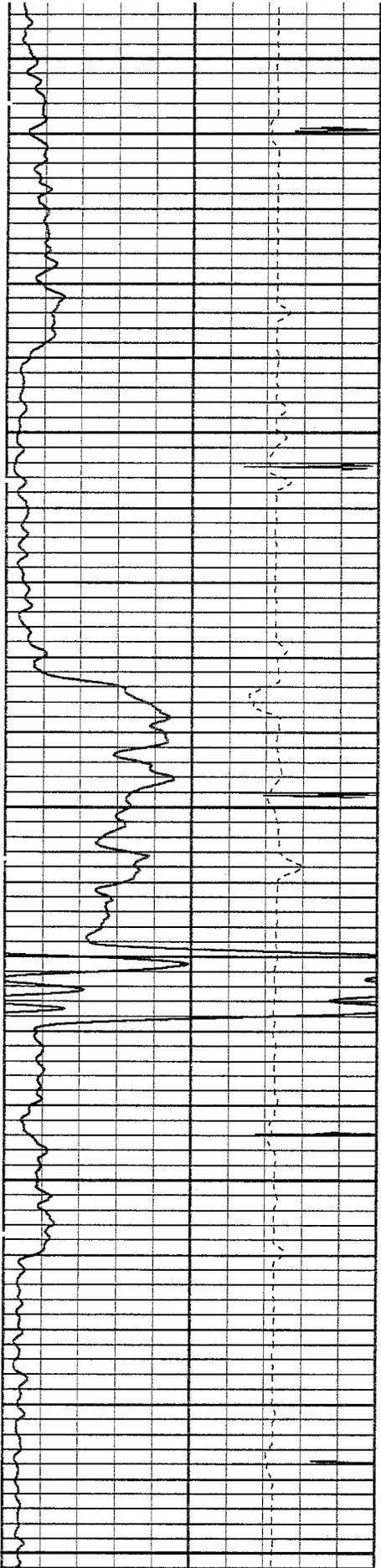




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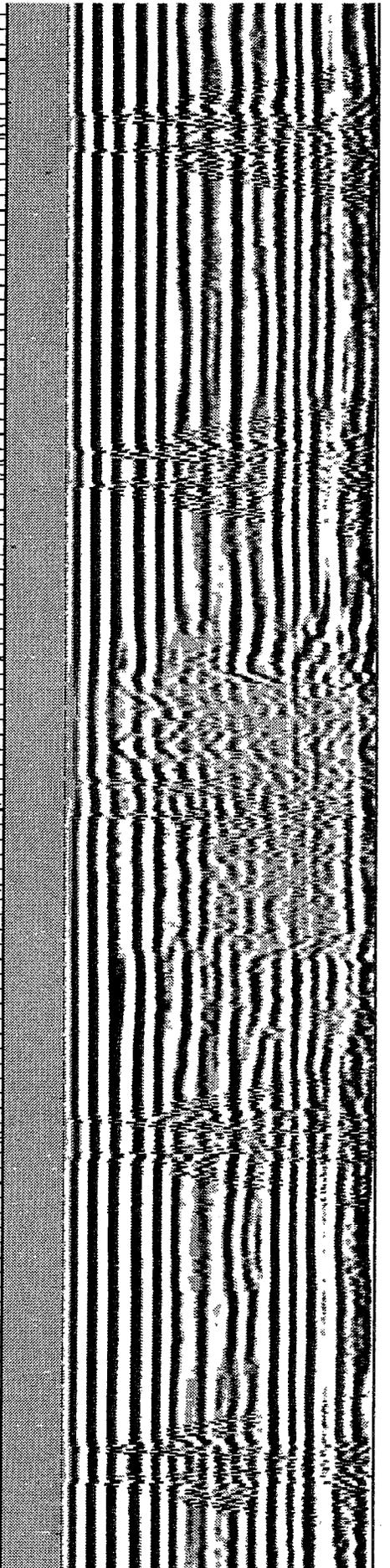
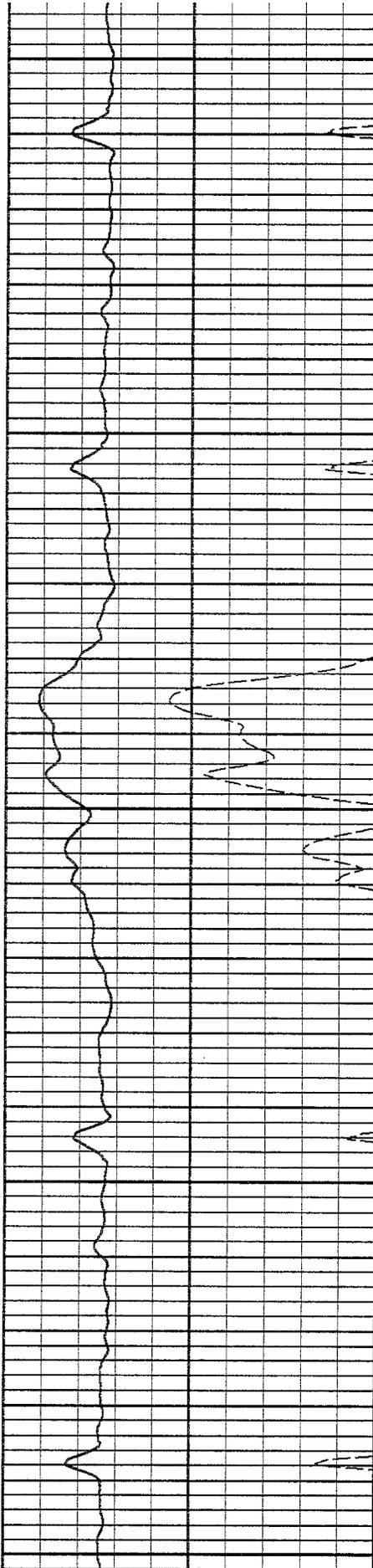
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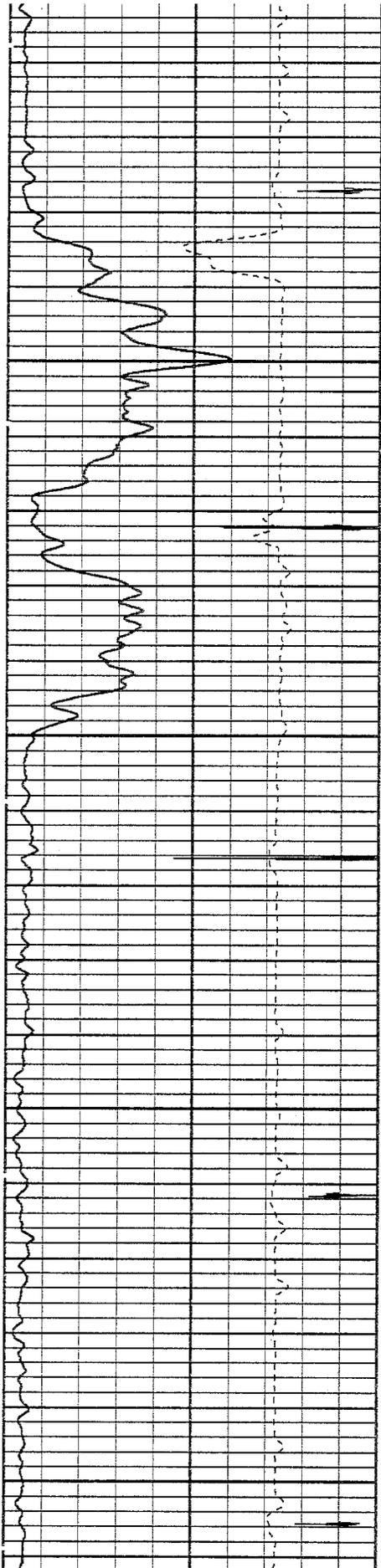




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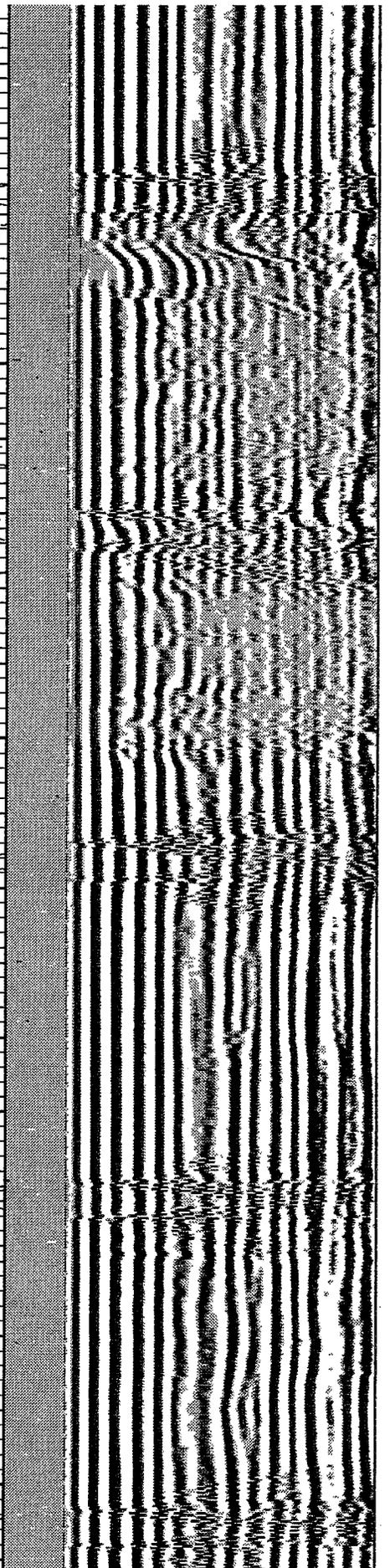
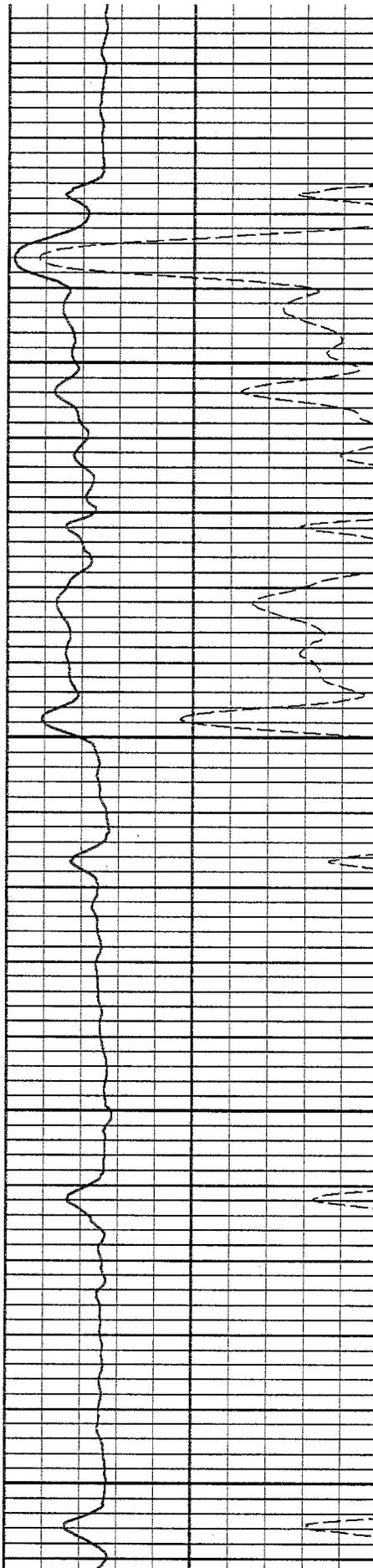
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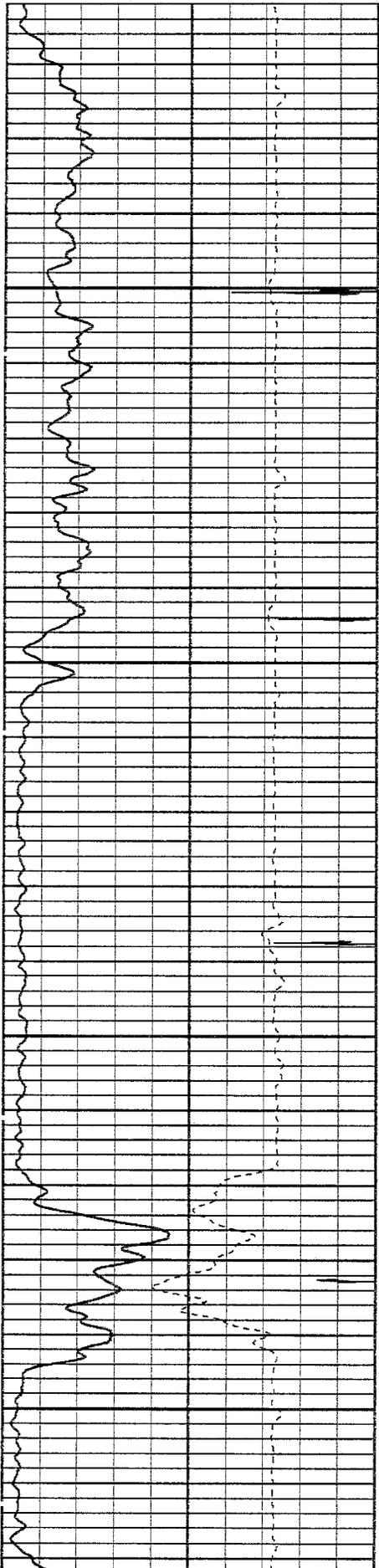




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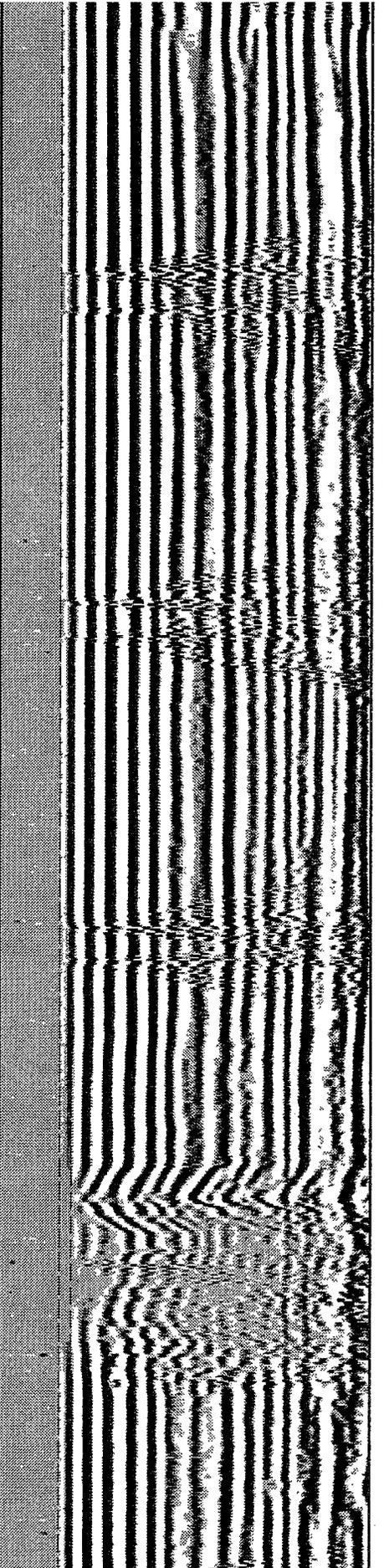
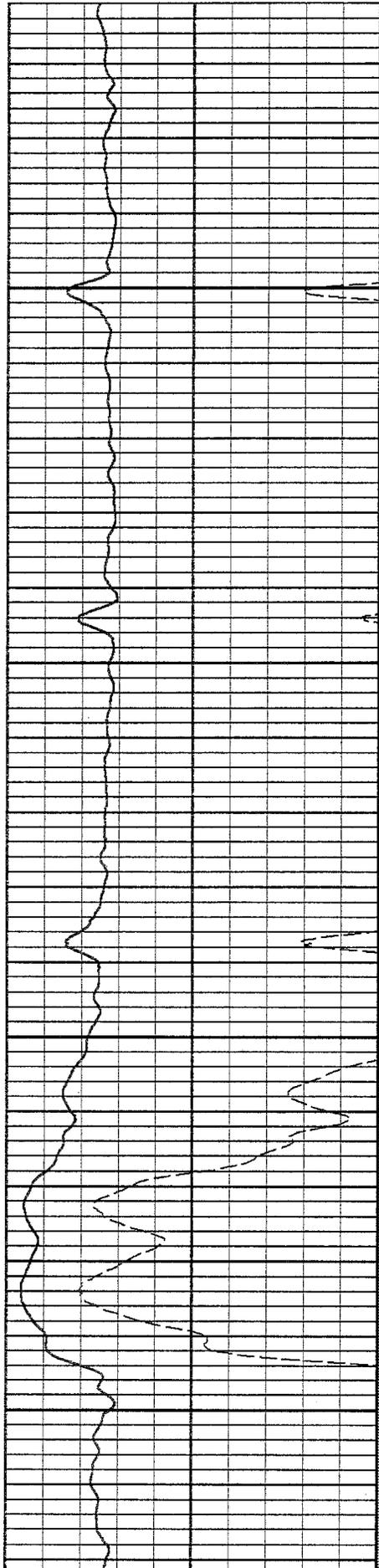
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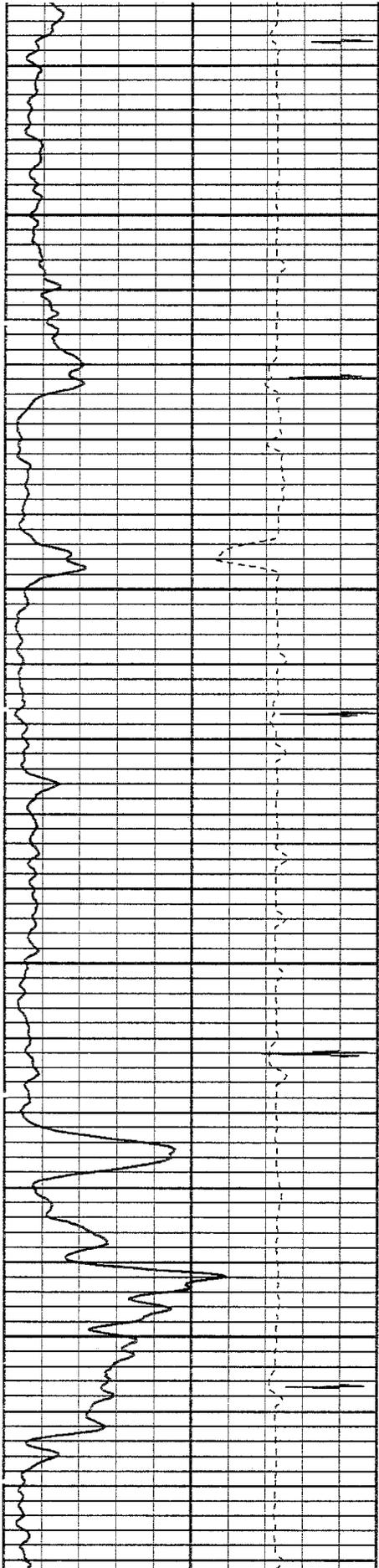




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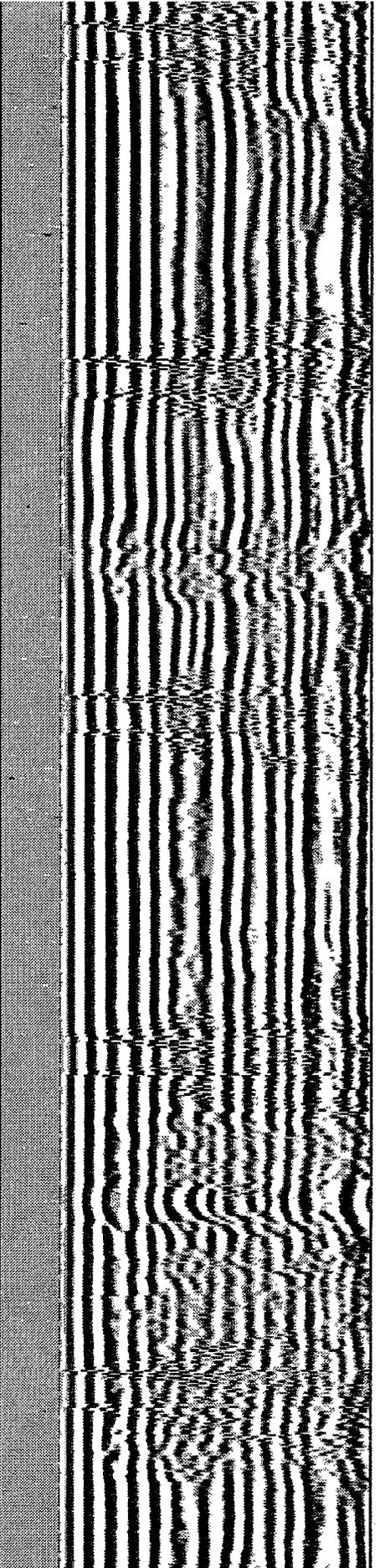
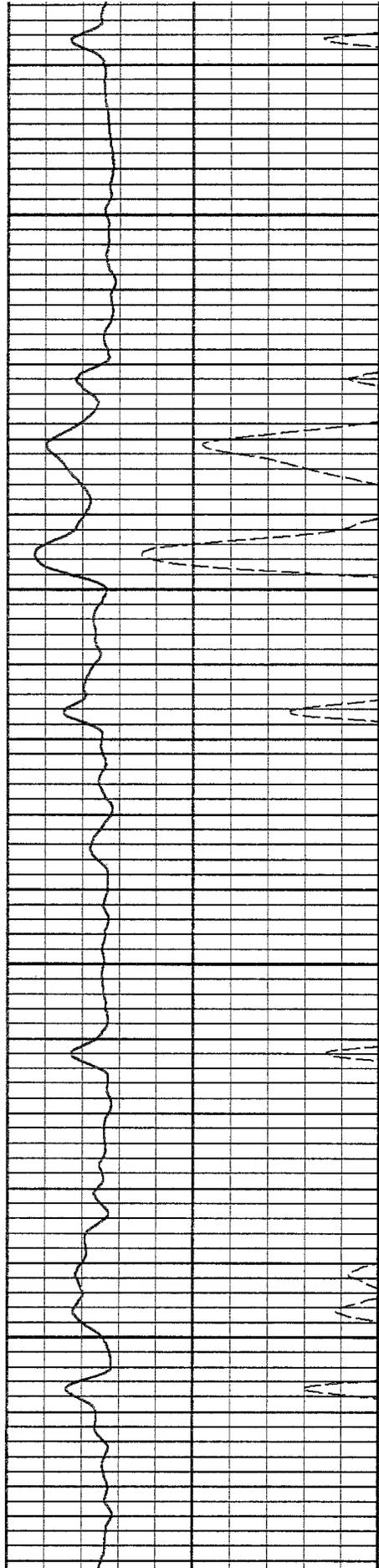
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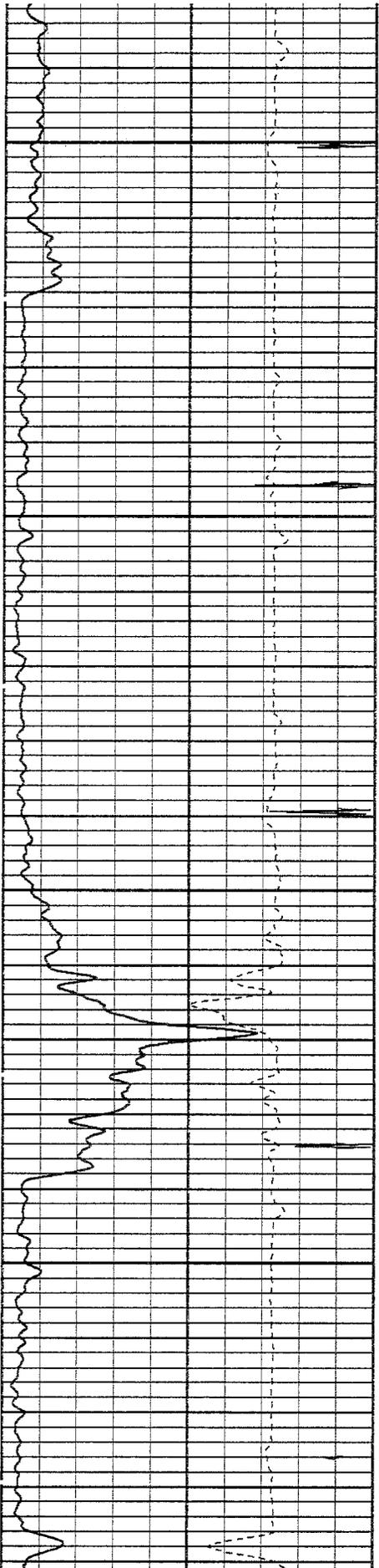




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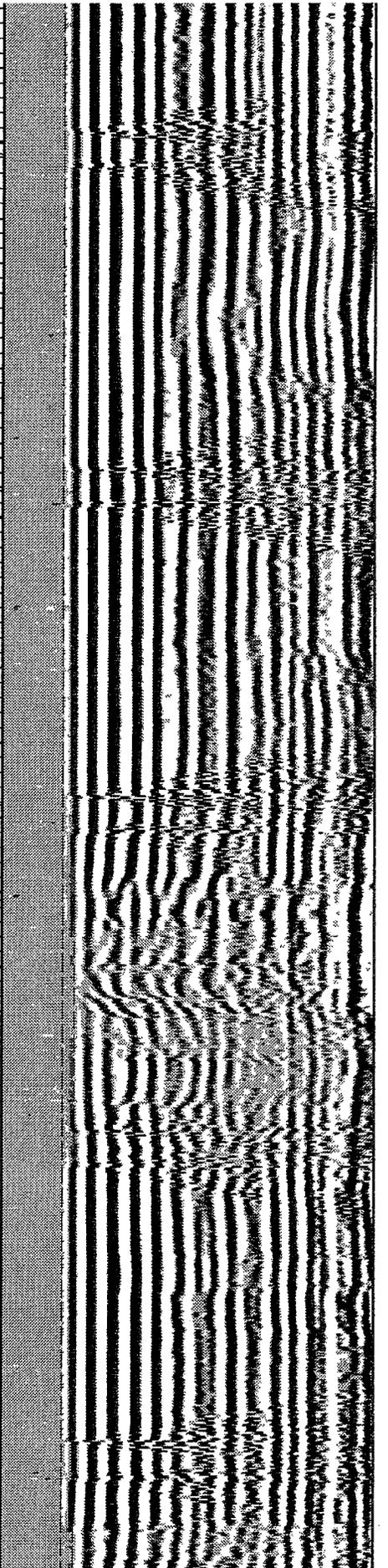
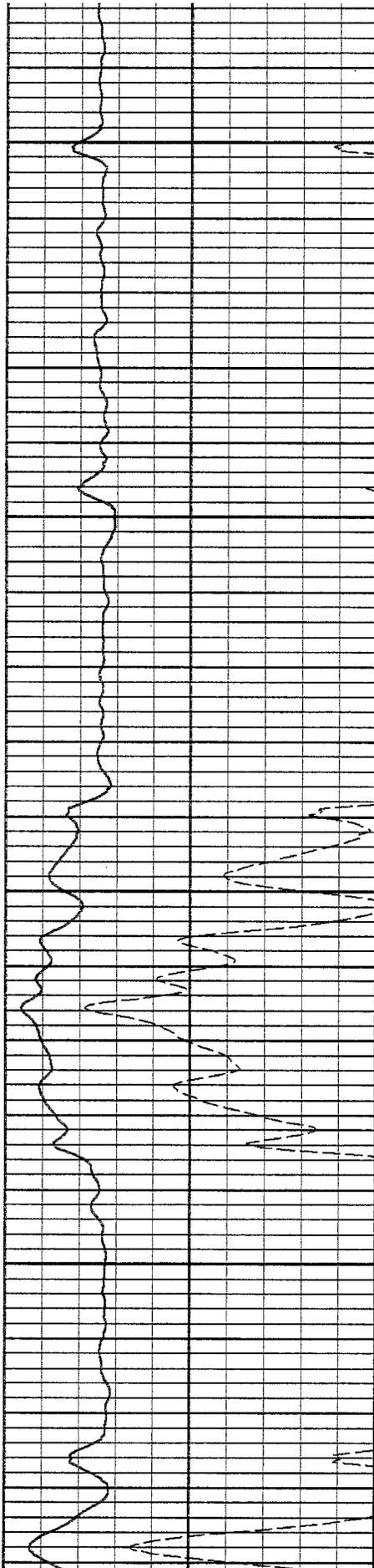
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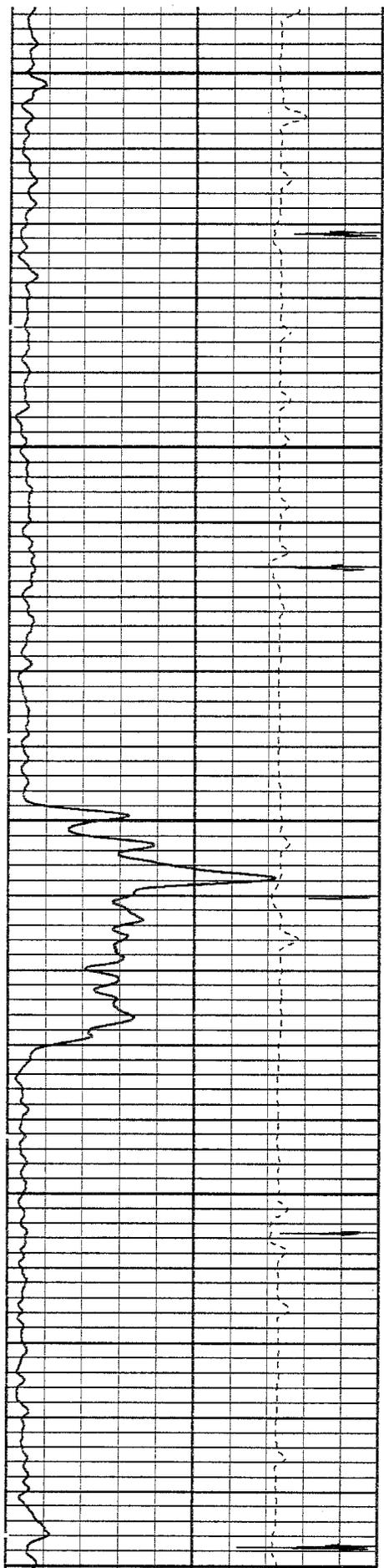




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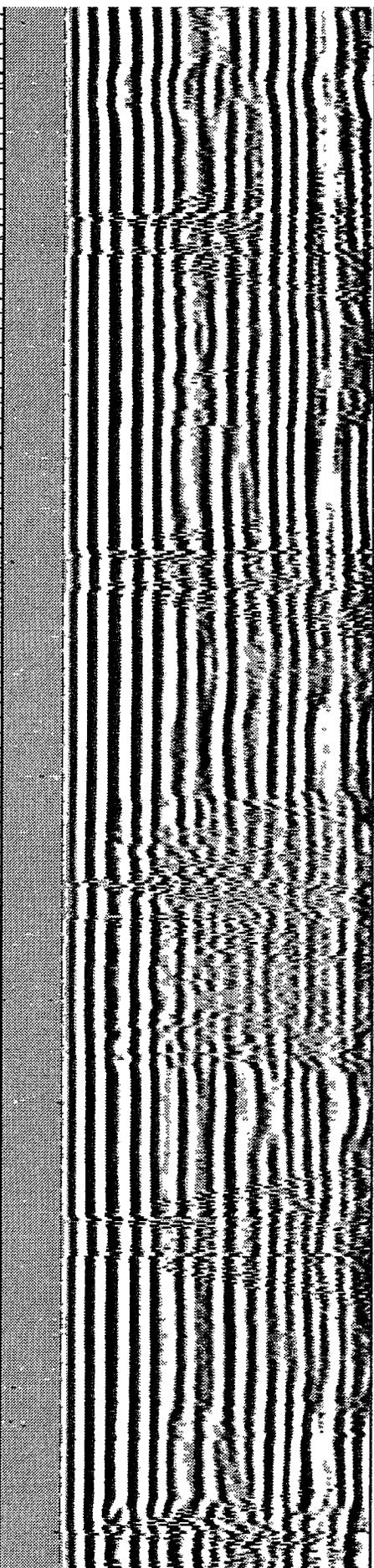
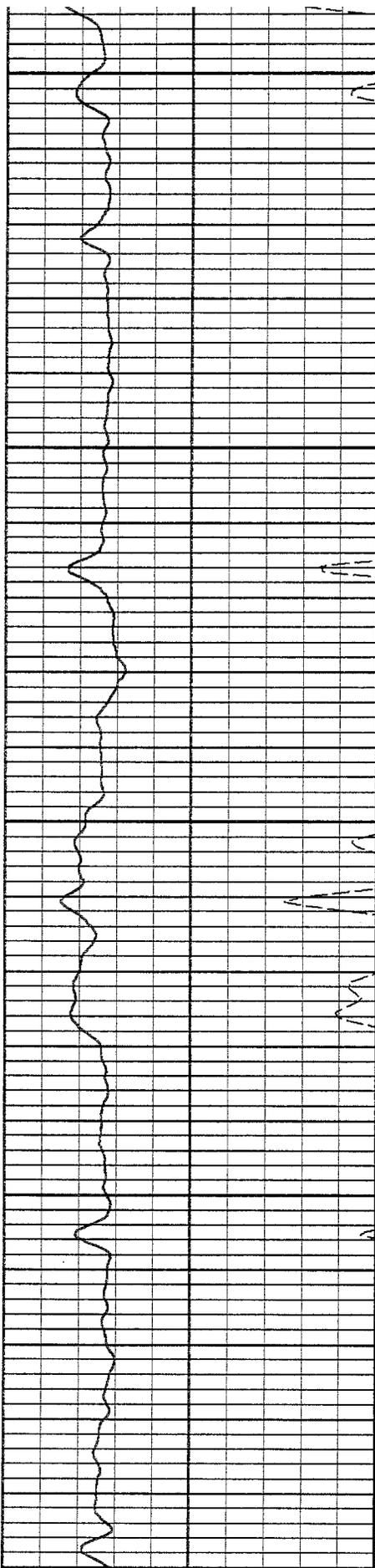


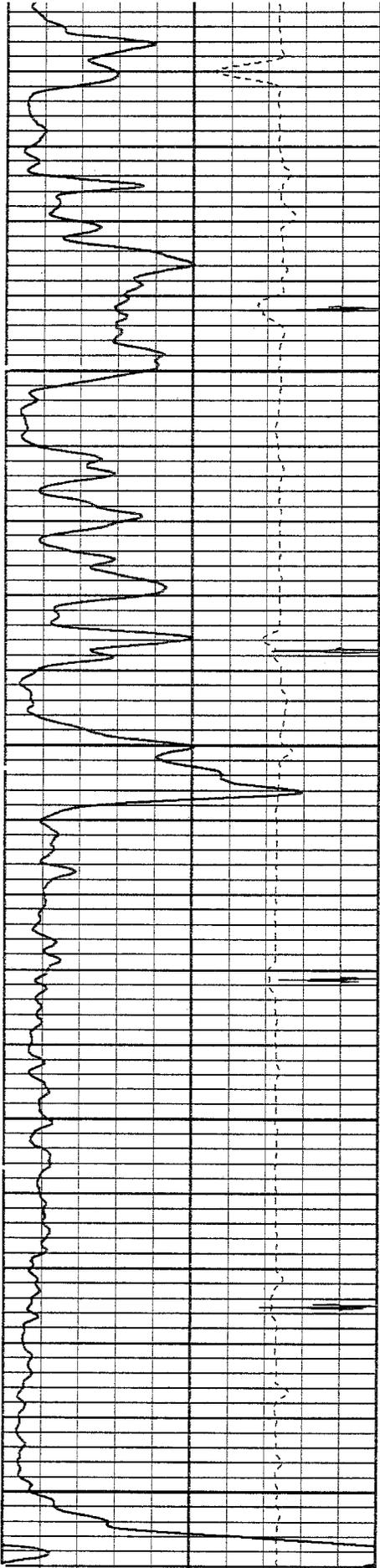


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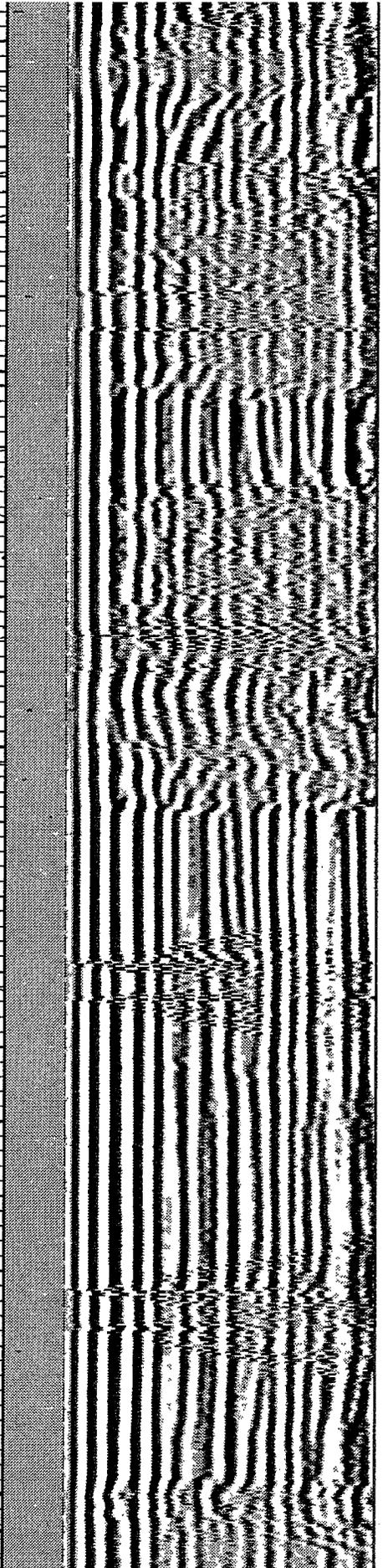
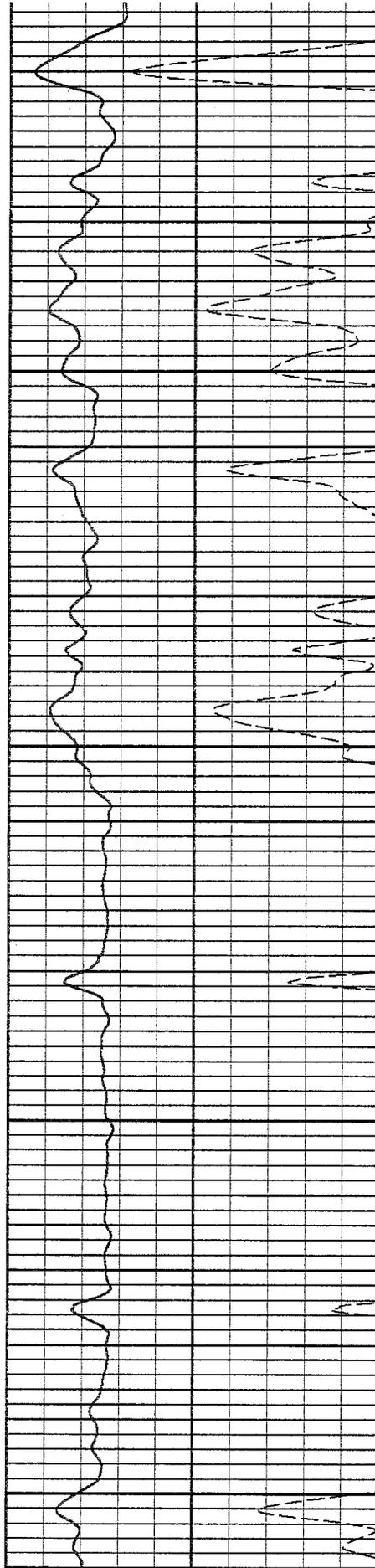
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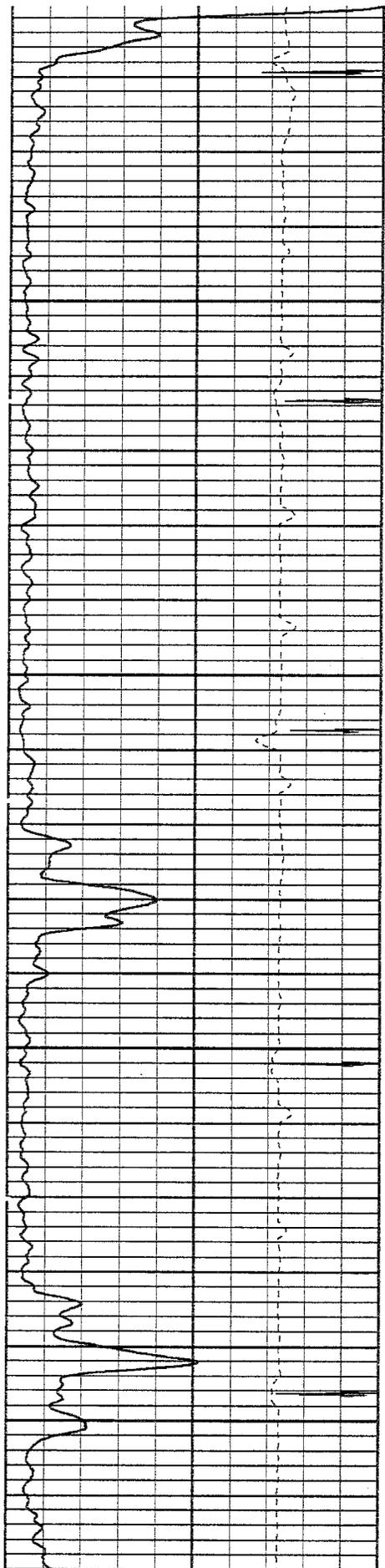




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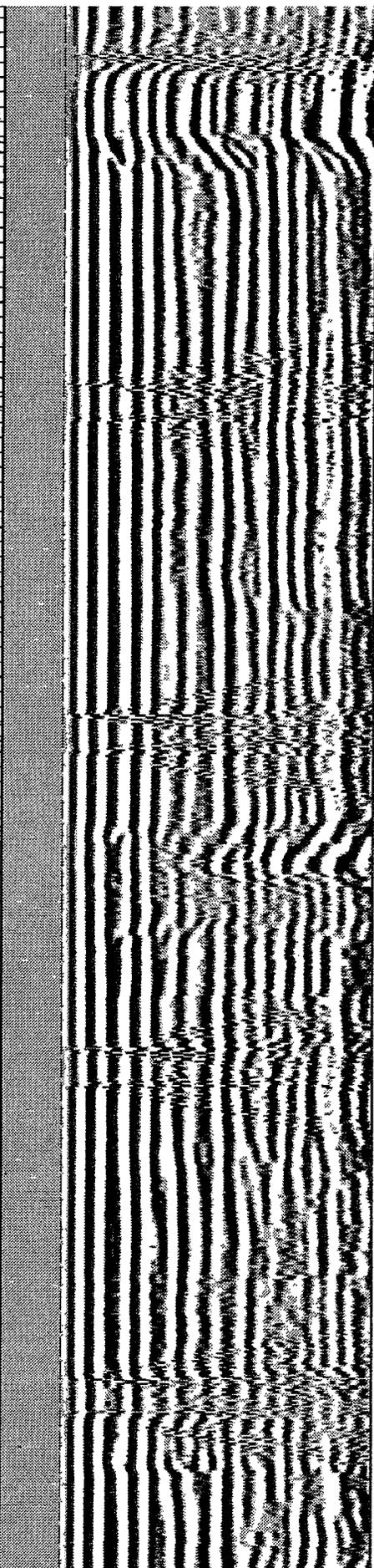
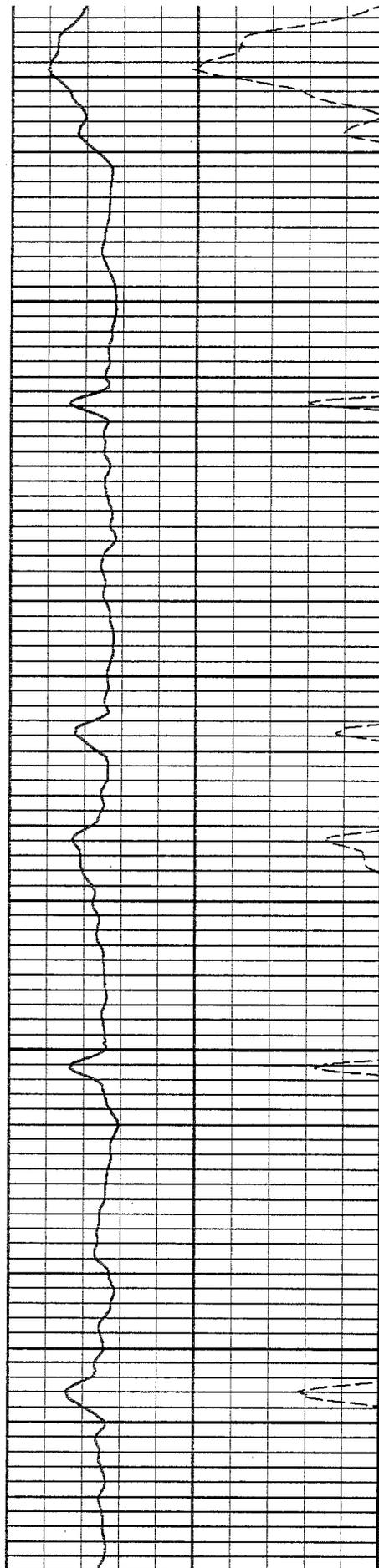
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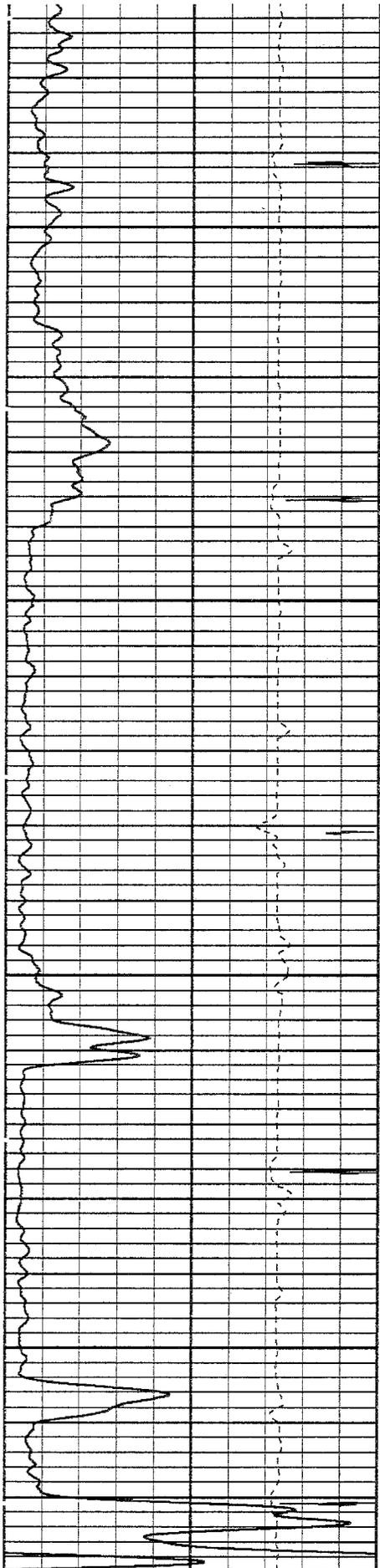




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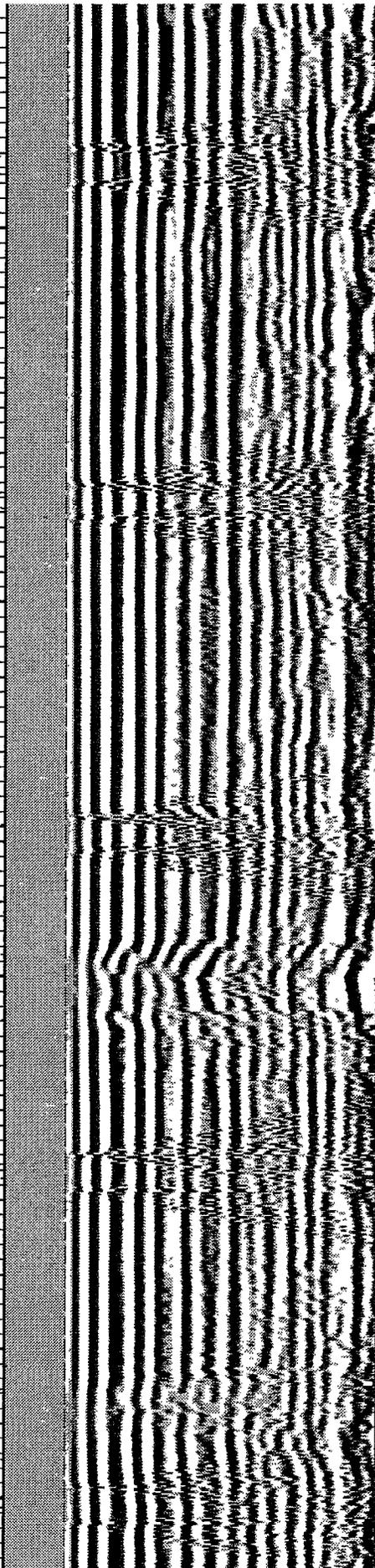
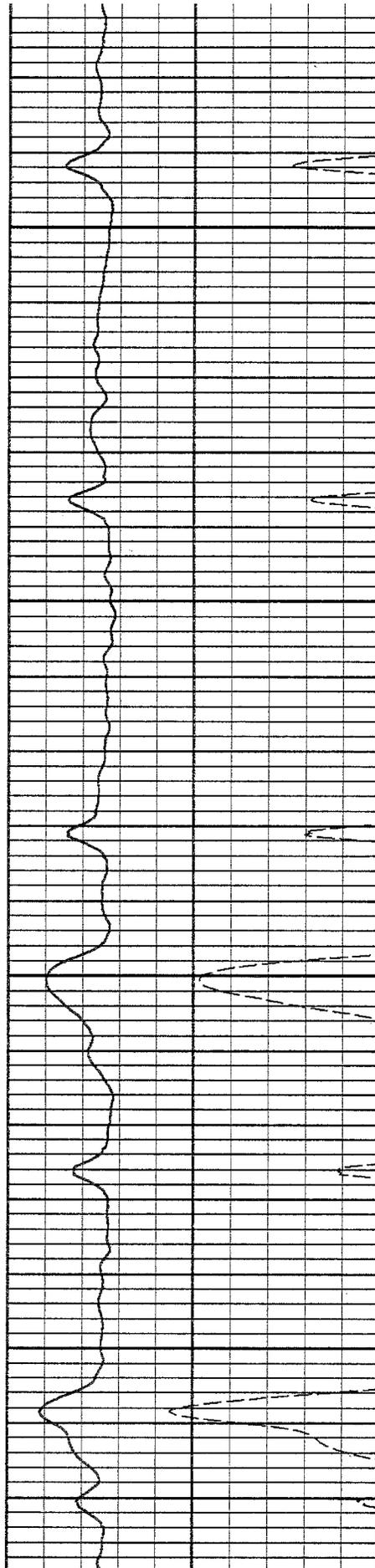
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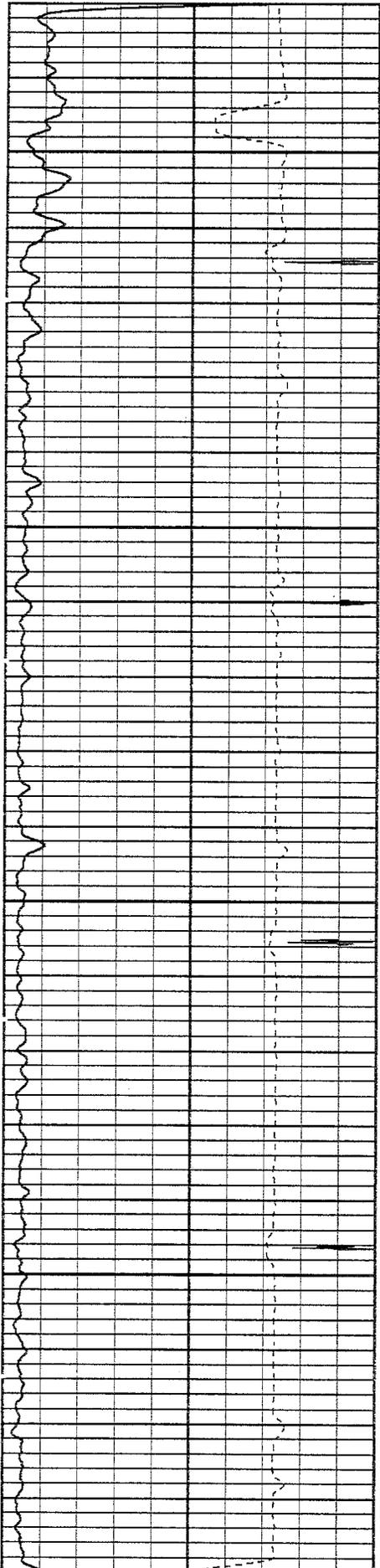




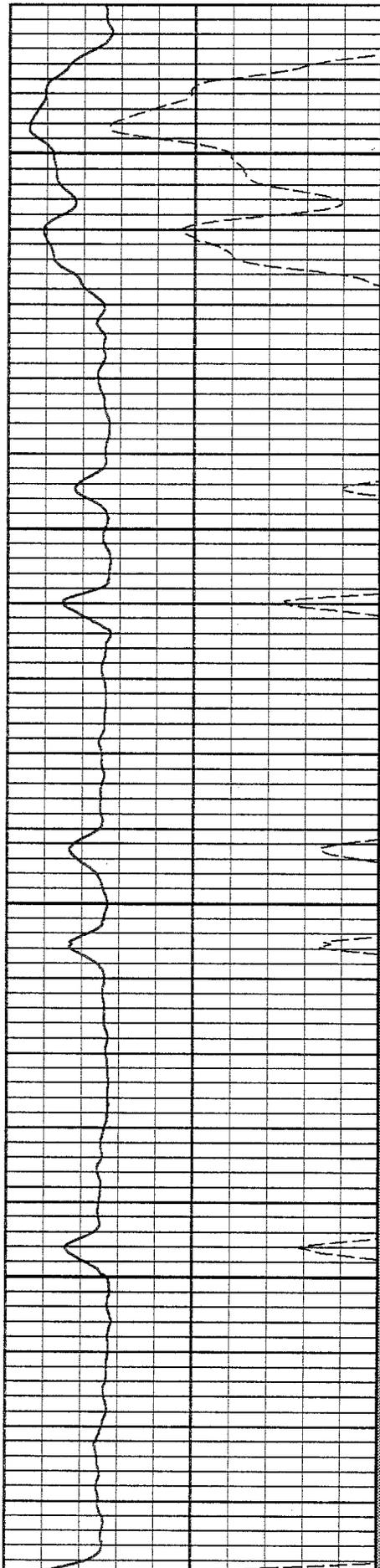
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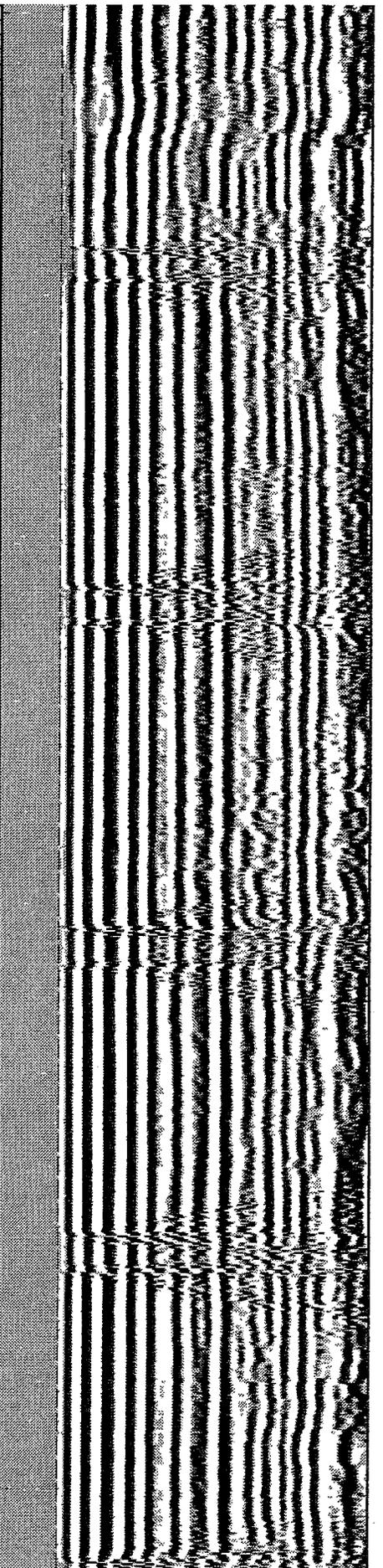




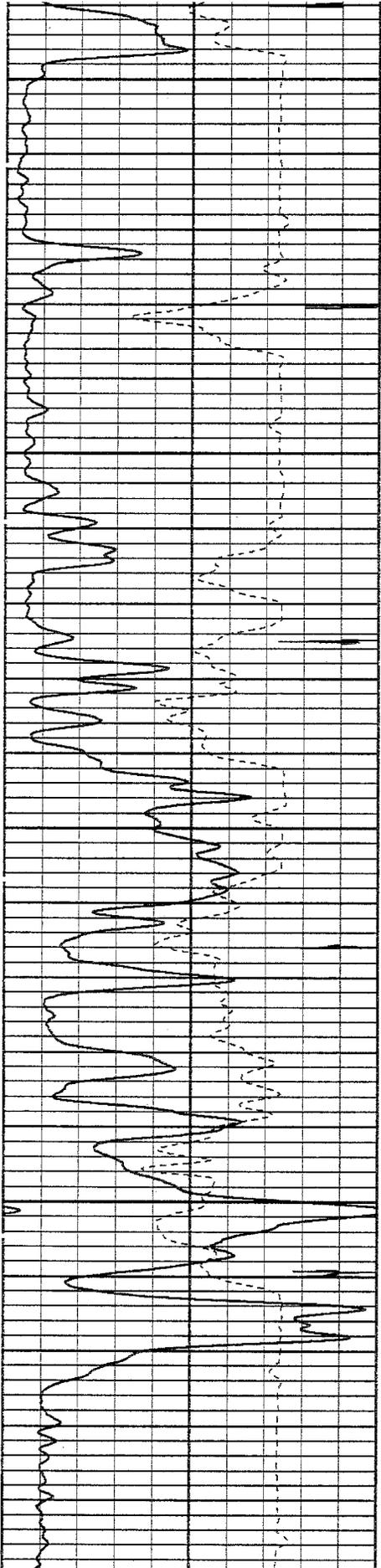
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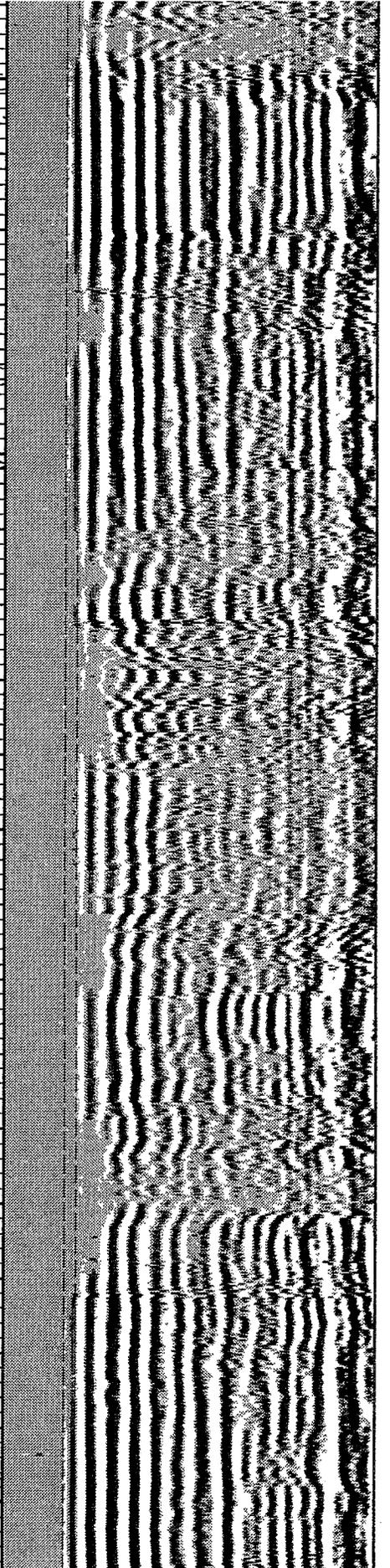
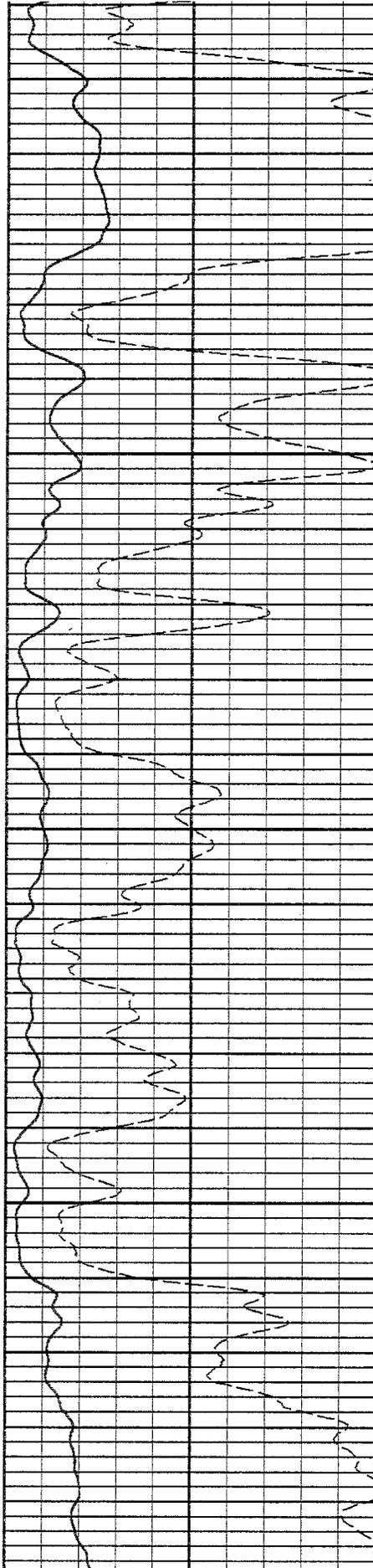


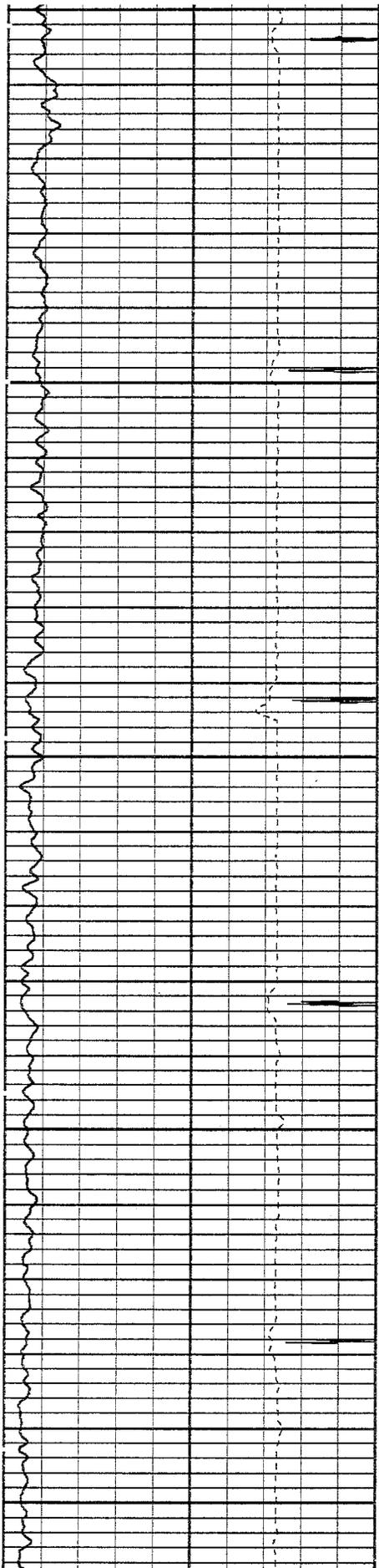
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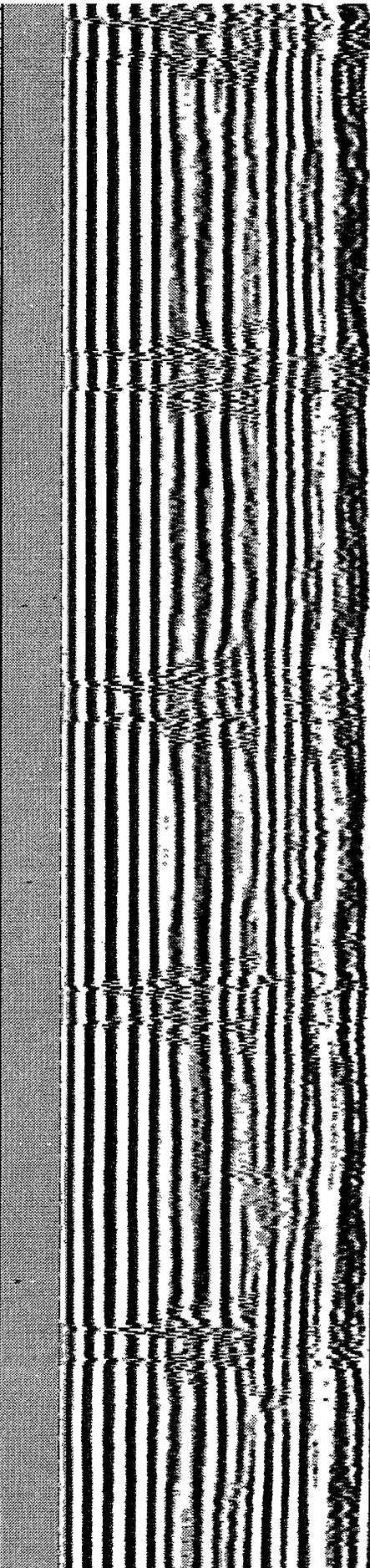
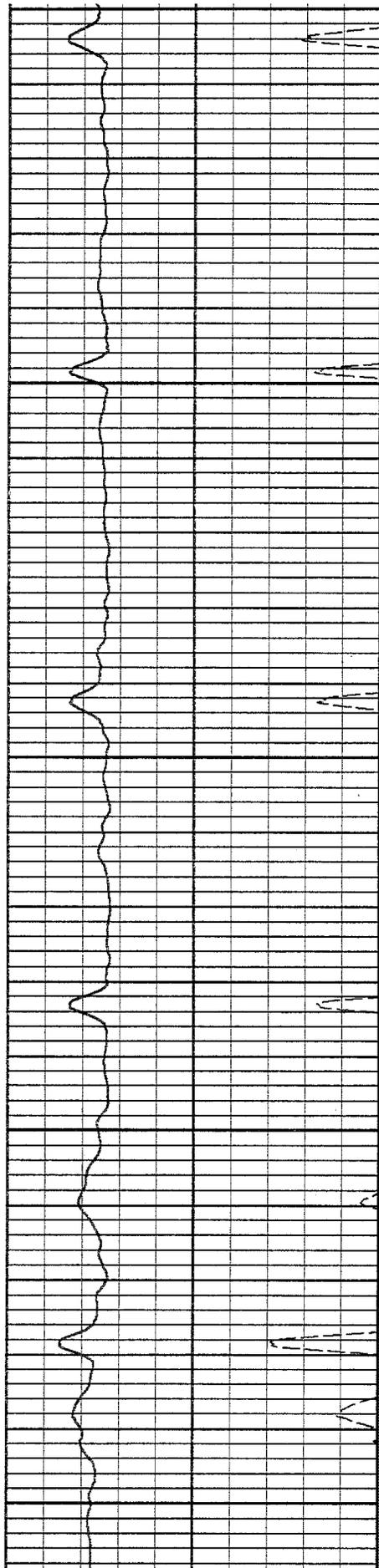
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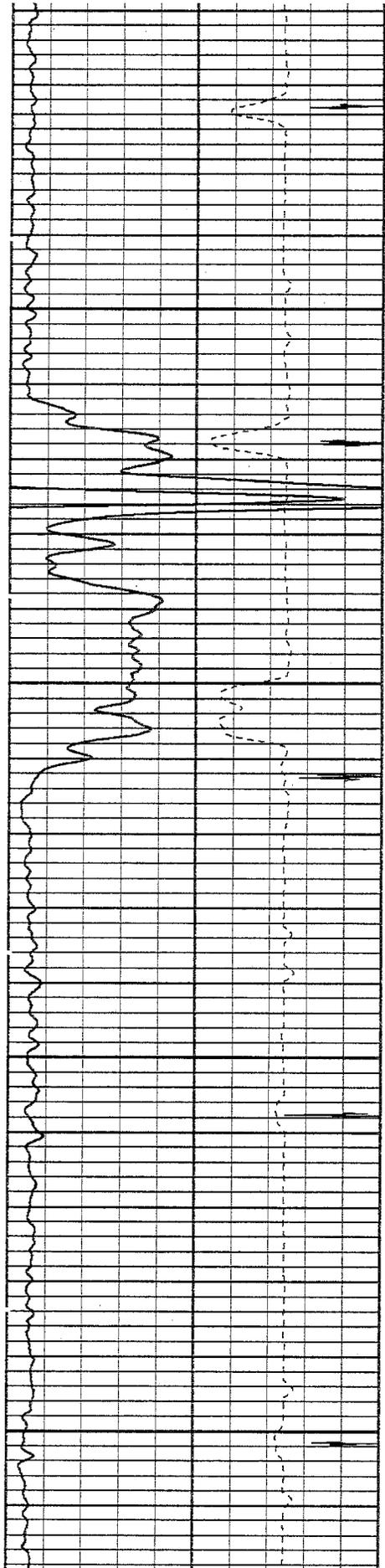




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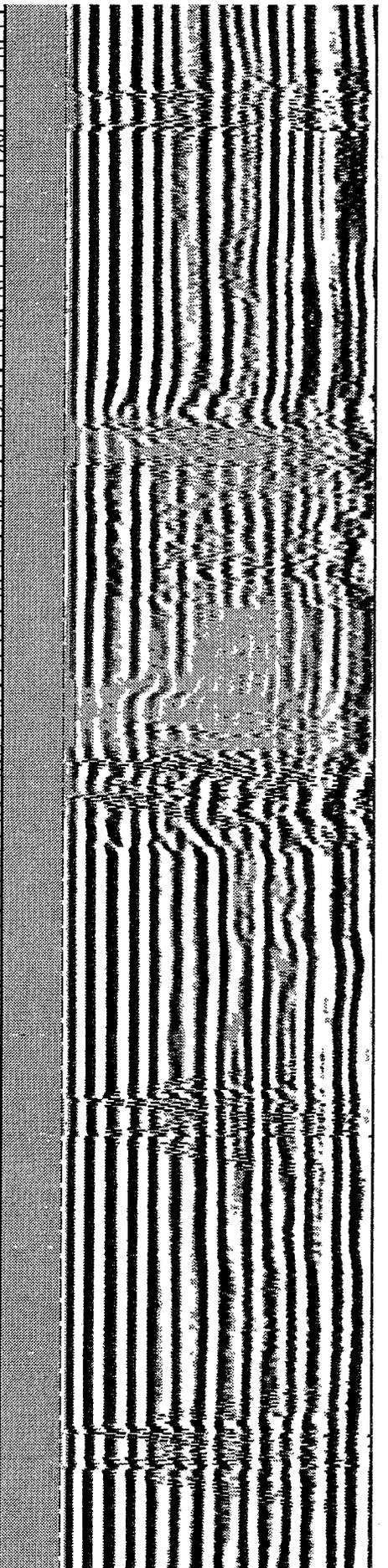
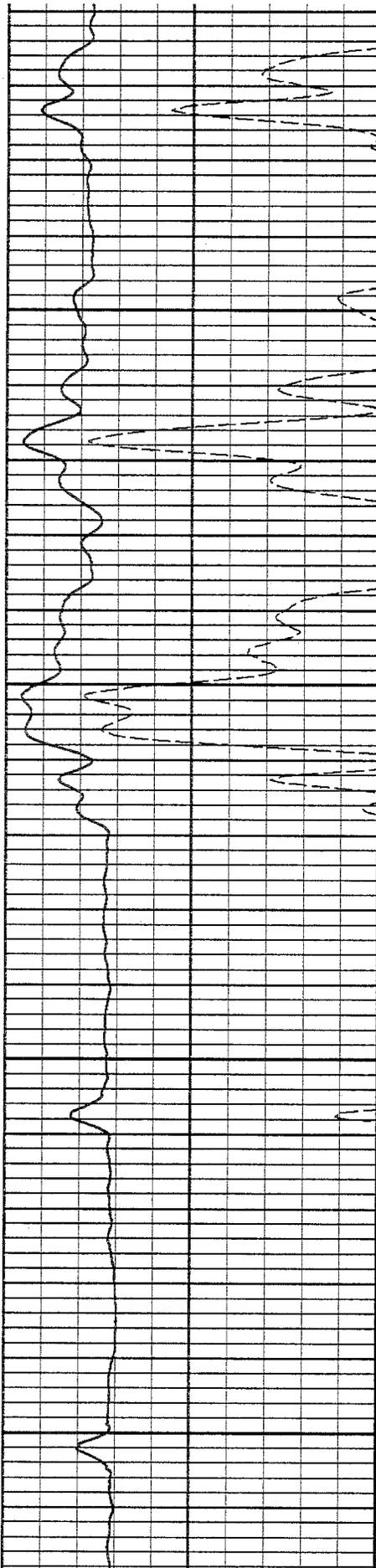
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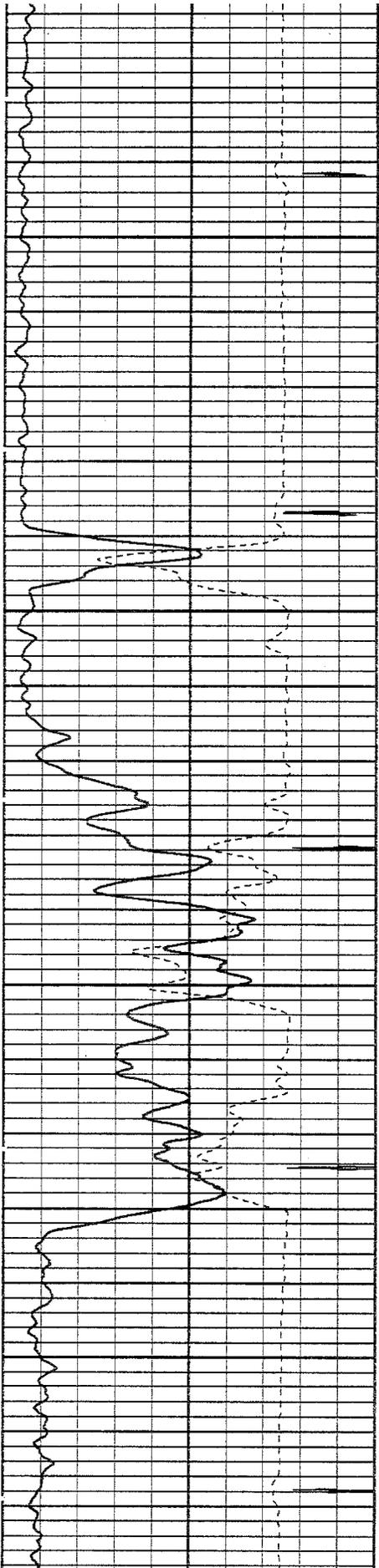




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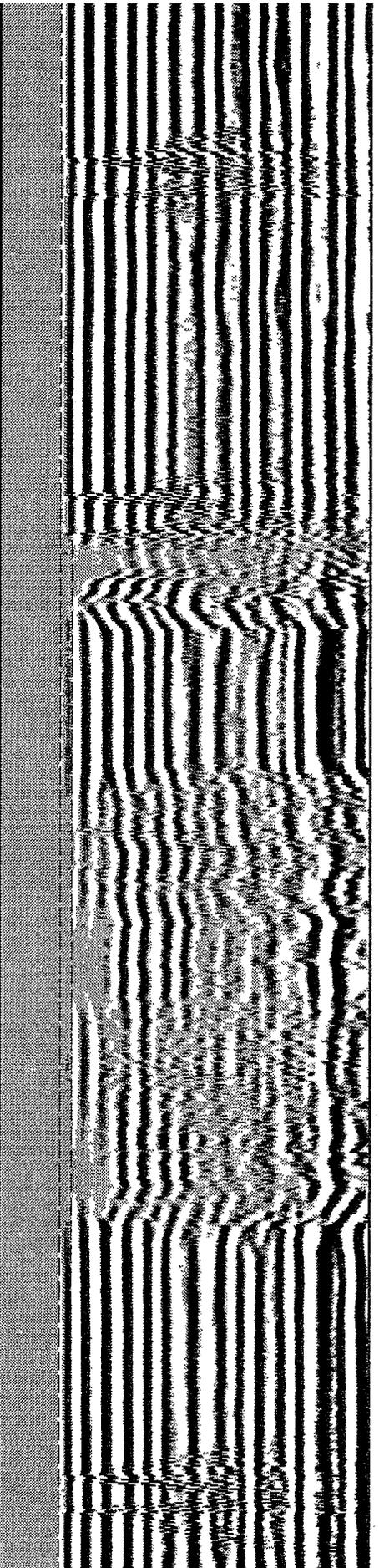
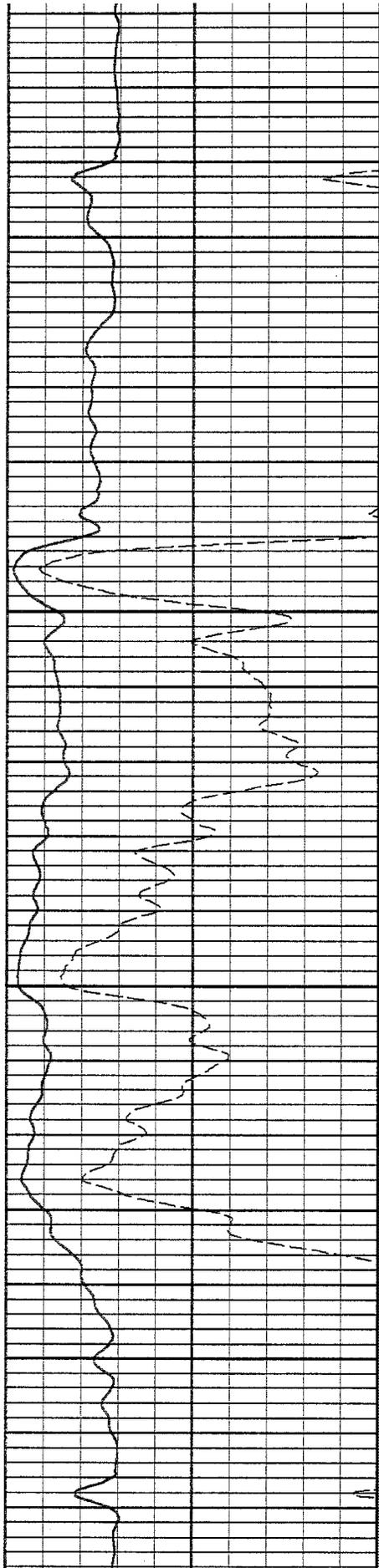
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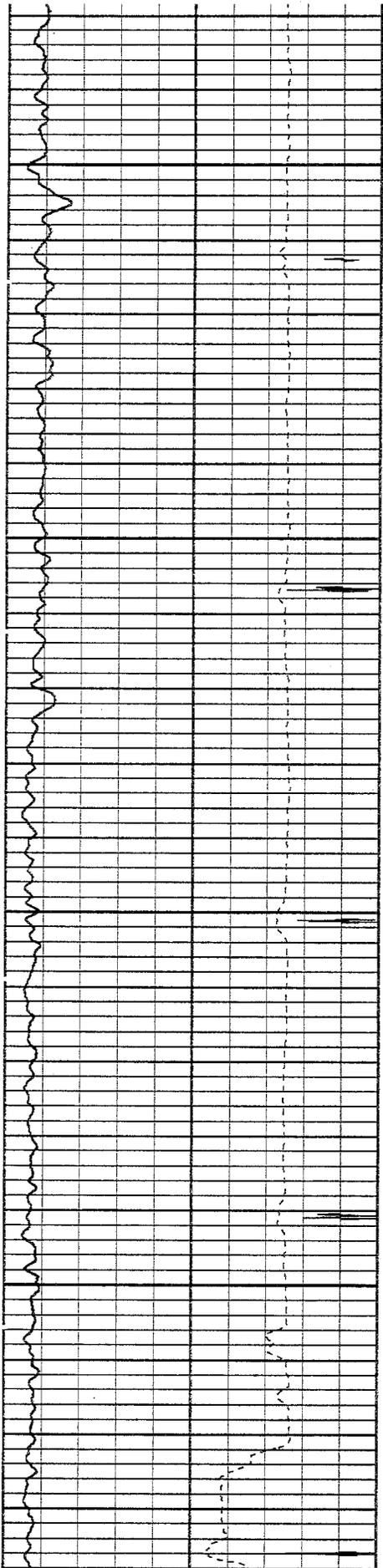




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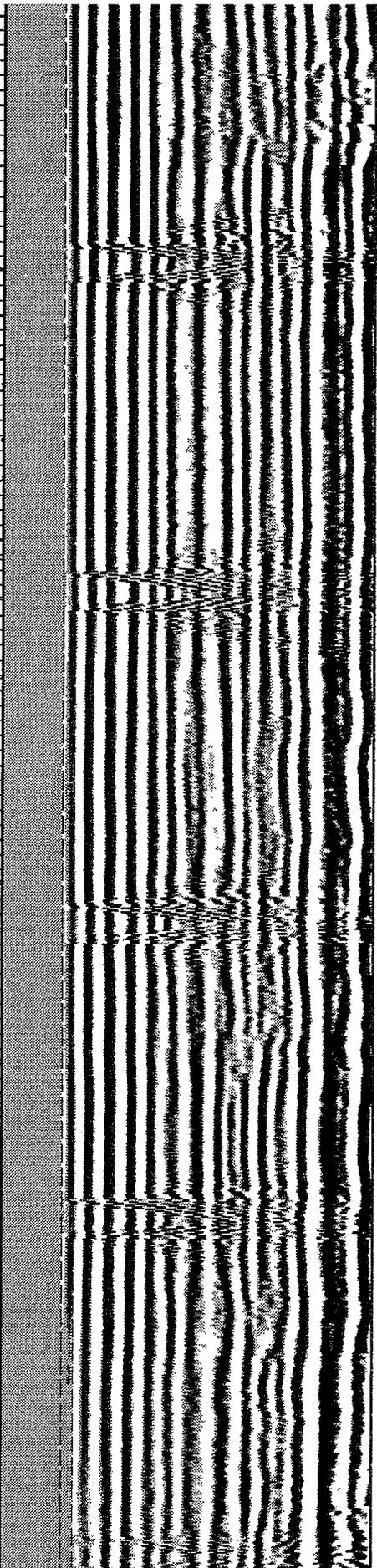
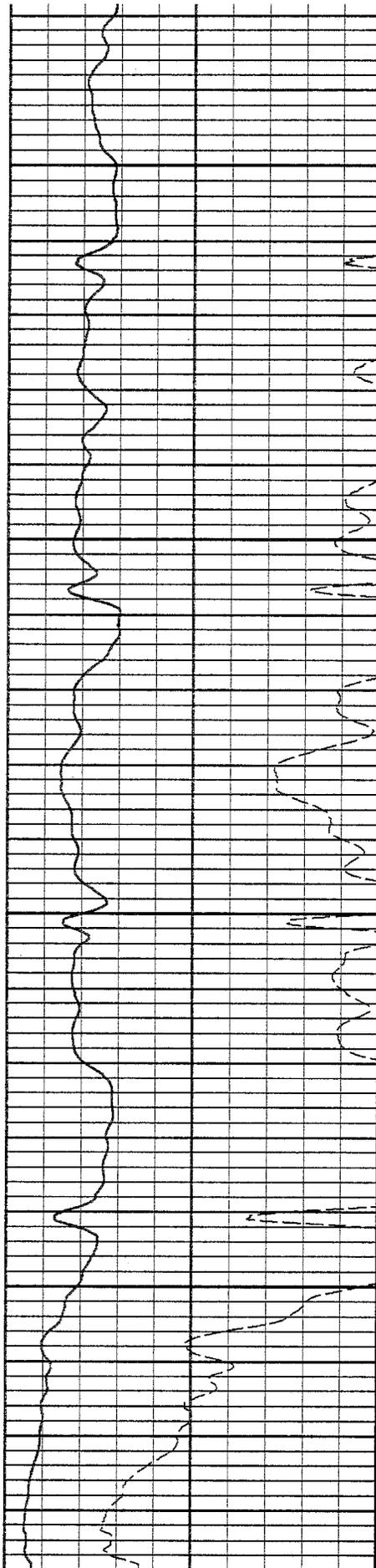
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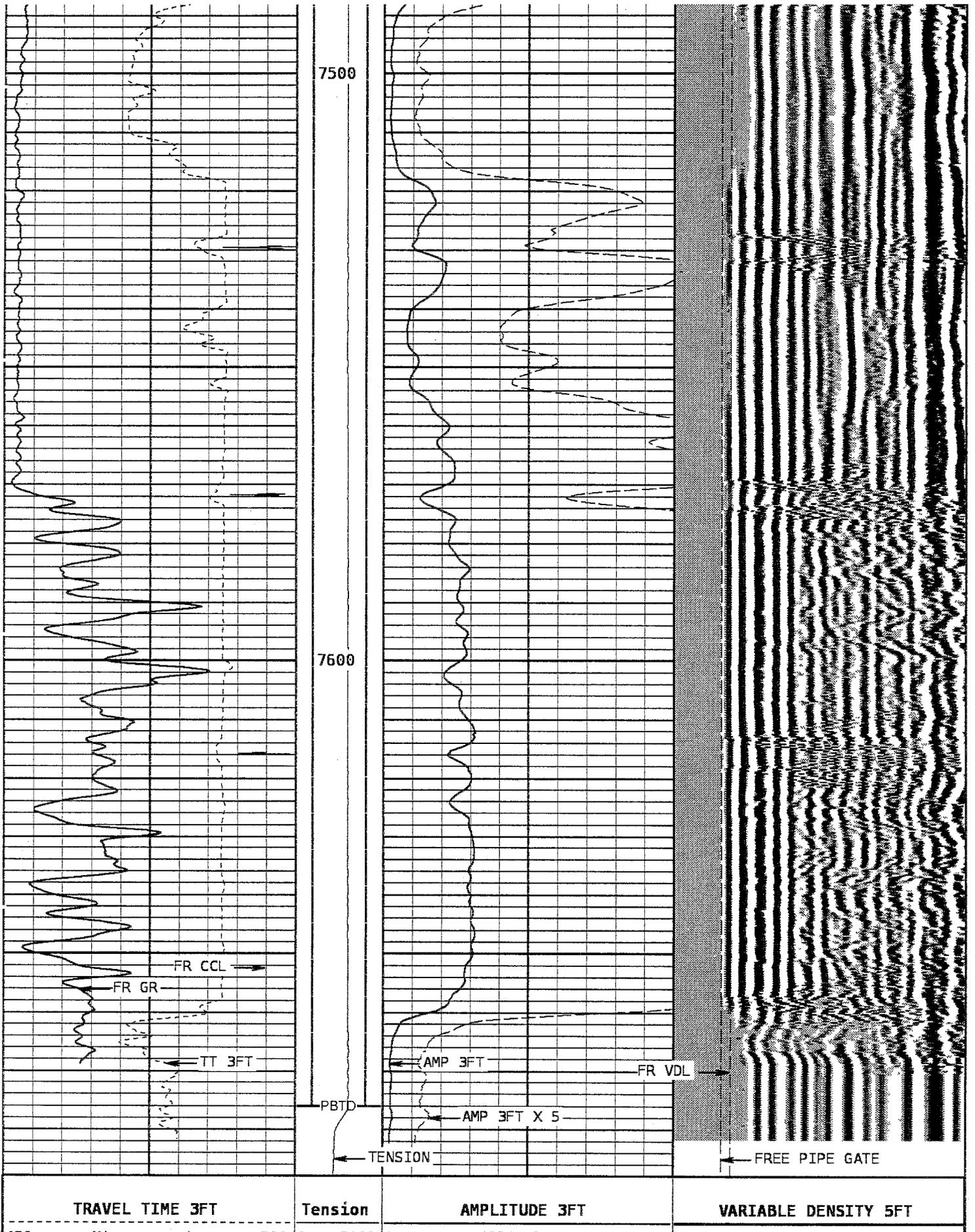




7300

7400





450	Microseconds	200	0	2000	0	Millivolts	100	200	Microseconds	1200
<b>Gamma Ray</b>						<b>AMP AMP 3FT</b>	<b>FREE PIPE GATE</b>			
0	API	150	0	0	0	Millivolts	20	200	Microseconds	1200
<b>Collar Locator</b>							<b>FREE PIPE GATE</b>			
-1500	Millivolts	165					200	200	Microseconds	1200

START DEPTH: **7688.1** DIRECTION: **UP** DATE: **02/15/2008** TIME: **14:17** MODE: **ORIGINAL**

**122997 CBLMFINAL**

**MAIN PASS**

DEPTH SCALE: **5":100'**

VERSION: **70605113R"**

**SYSTEM CONSTANTS**

NAME	DESCRIPTION	VALUE	UNITS
CSIZ	Casing Size	7.000	Inches
CWEI	Casing Weight	29.00	Pounds/Foot
AMNS	Min Ampl 100% Bond	2	Millivolts
AMXS	Max Ampl 0% Bond	58	Millivolts
CCL0	Ccl Offset	0	
CCS	Cement Cmpr Strength	1000.0	PSI
CVEL	Casing Velocity	56.5	Microsec/Foot
DTF	DT Fluid	200.0	Microsec/Foot
MATT	Maximum Attenuation	12.00	Decibels/Foot
SWAN	Sheave Wheel Angle	0.00	Degrees
TTC	TT Correction	0	Microseconds
TTFE	Fast Formation TT	43.5	Microsec/Foot

**REMARKS**

**LOGGED WITH 0 PSI @ SURFACE**

DEPTH SCALE: **5":100'**

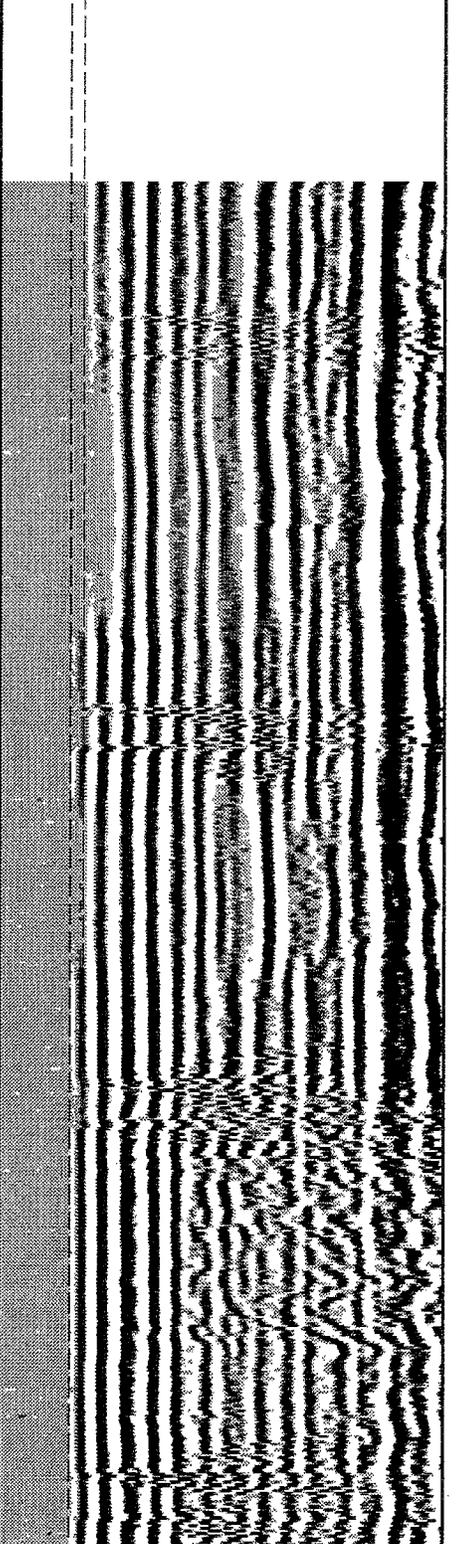
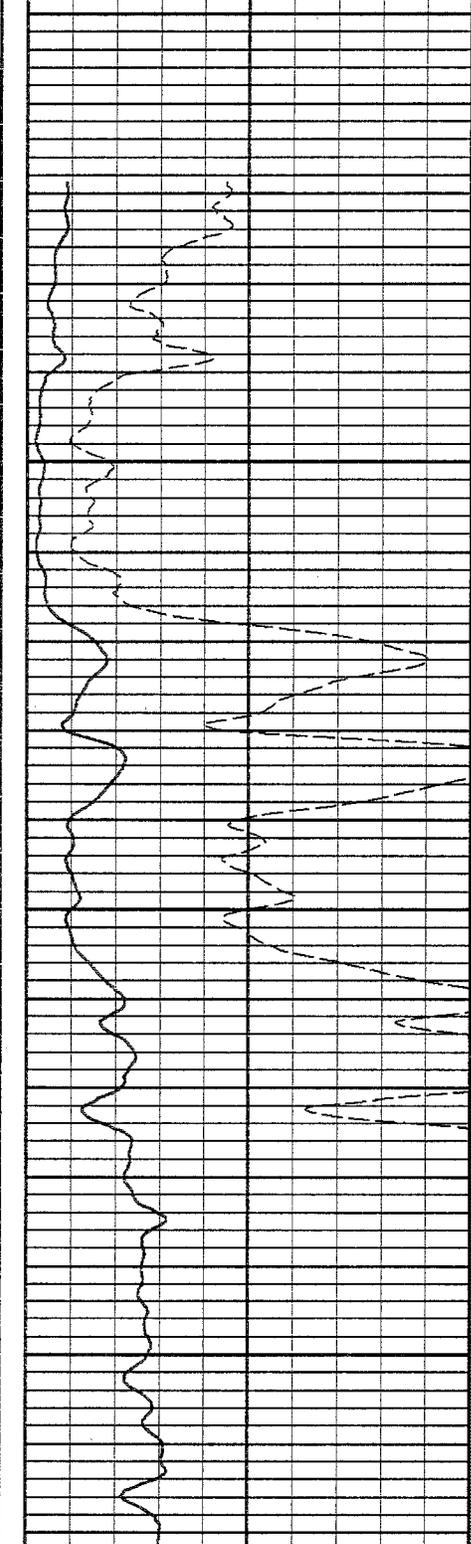
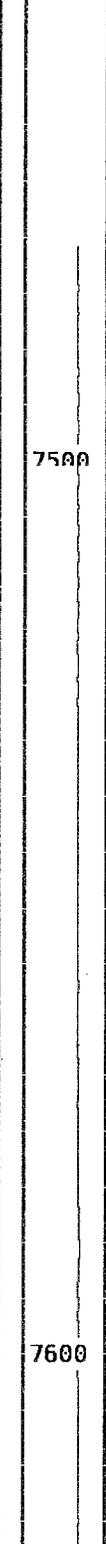
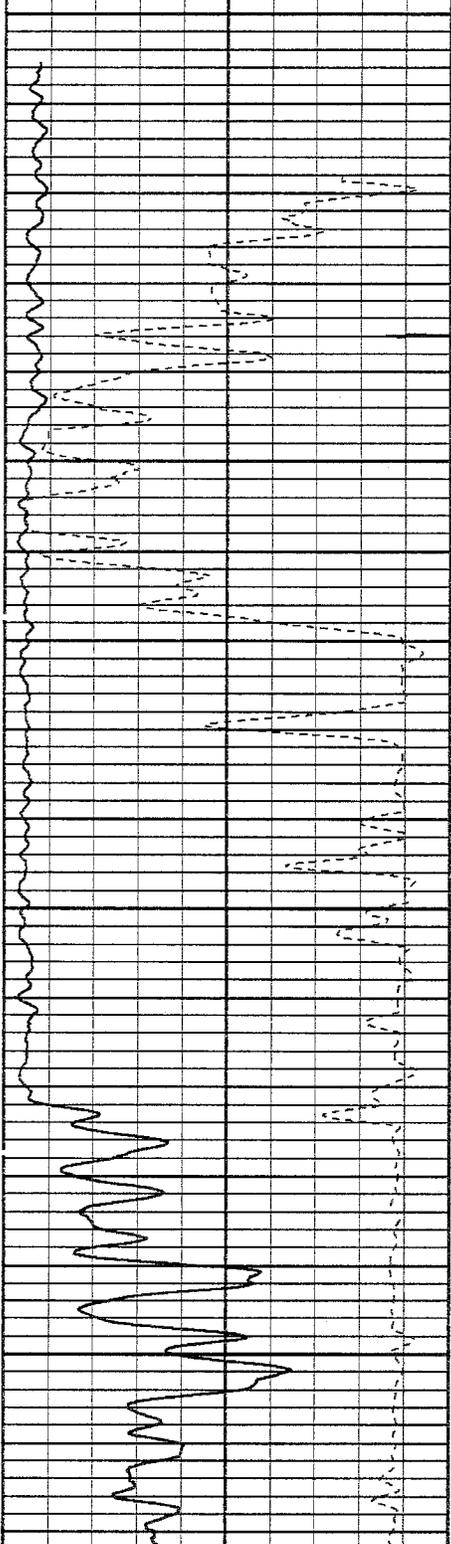
VERSION: **70605113R"**

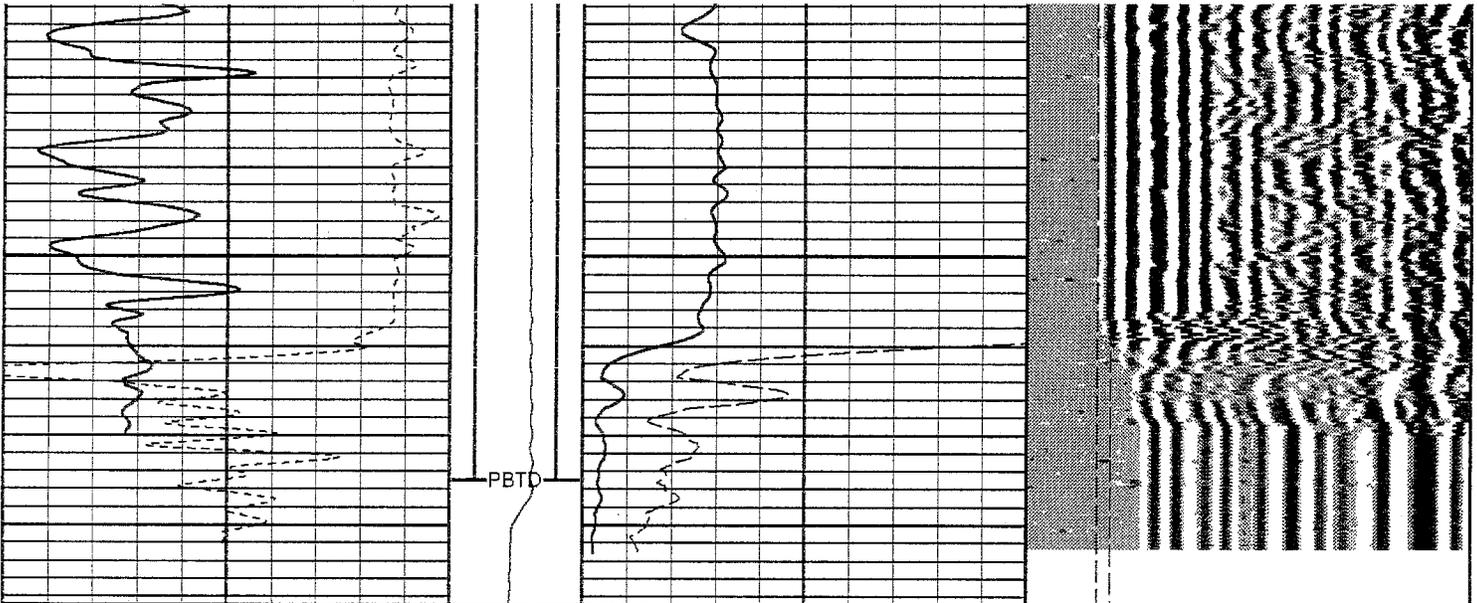
**REPEAT PASS**

**122997 CBLRFINAL**

FINISH DEPTH: **7448.1** Feet DIRECTION: **UP** DATE: **02/15/2008** TIME: **14:18** MODE: **ORIGINAL**

<b>Collar Locator</b>			<b>FREE PIPE GATE</b>		
-3600	Millivolts	400	200	Microseconds	1200
<b>Gamma Ray</b>			<b>FREE PIPE GATE</b>		
0	API	150	200	Microseconds	1200
<b>TRAVEL TIME 3FT</b>			<b>AMPLITUDE 3FT</b>		
350	Microseconds	250	0	2000	0
			<b>VARIABLE DENSITY 5FT</b>		
			200	Microseconds	1200





<b>TRAVEL TIME 3FT</b>		<b>Tension</b>		<b>AMPLITUDE 3FT</b>		<b>VARIABLE DENSITY 5FT</b>	
350	Microseconds	250	0 2000	0	100	200	Microseconds 1200
<b>Gamma Ray</b>				<b>AMP 3FT X 5</b>		<b>FREE PIPE GATE</b>	
0	API	150	0	0	20	200	Microseconds 1200
<b>Collar Locator</b>						<b>FREE PIPE GATE</b>	
-3600	Millivolts	400				200	Microseconds 1200

START DEPTH: 7689.0    DIRECTION: UP    DATE: 02/15/2008    TIME: 14:18    MODE: ORIGINAL

122997 CBLRFINAL

**REPEAT PASS**

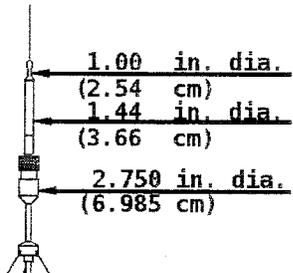
DEPTH SCALE: 5":100' VERSION: 70605113R"

**1 to 17 Adaptor Head**

Weight 2.2 LB.  
 Length 2.54  
 Max. Diameter 1.44 IN.

Total Stack Weight 223.0 LBS. in air  
 Total Stack Length 27.83 FT.

**Slim Hole Centralizer**



Weight	15 lbs
Length	2.49 FT.
Max. Diameter	2.750 IN.

**Collar Locator**

Weight	39.8 LBS.
Length	3.40 FT.
Max. Diameter	2.75 IN.

**Slim Hole Gamma Ray**

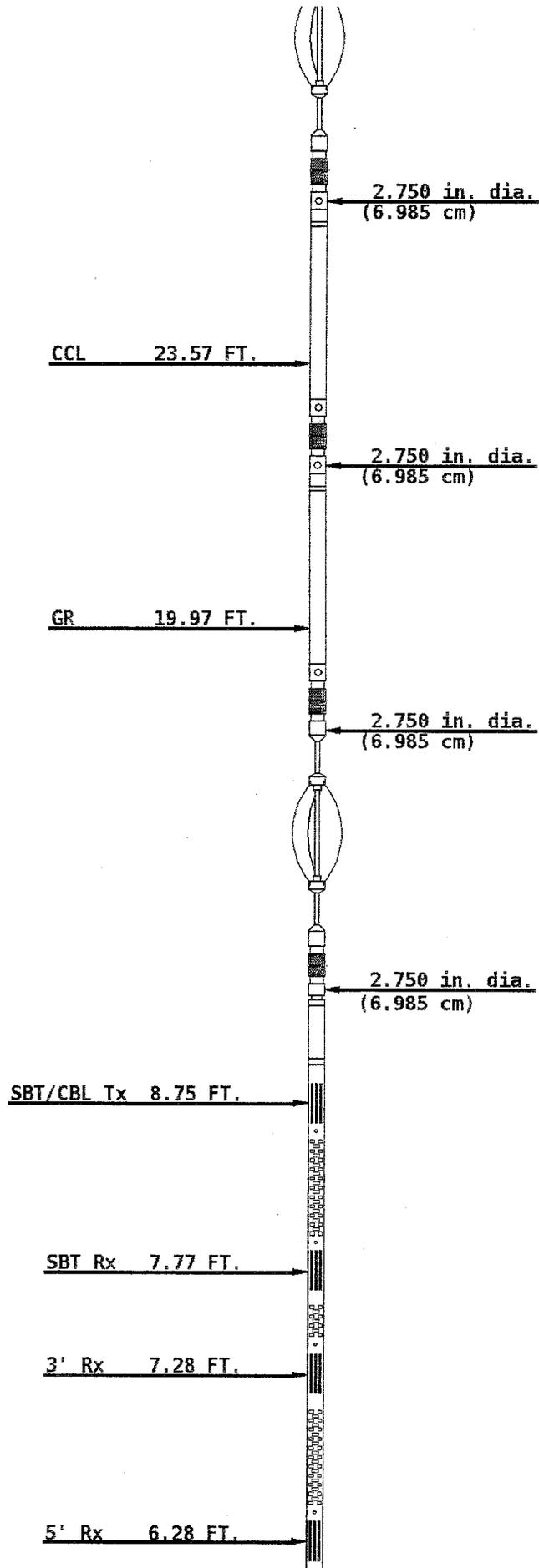
Weight	39.8 LBS.
Length	4.71 FT.
Max. Diameter	2.750 IN.

**Slim Hole Centralizer**

Weight	22 LBS.
Length	3.08 FT.
Max. Diameter	2.750 IN.

**Sector Bond**

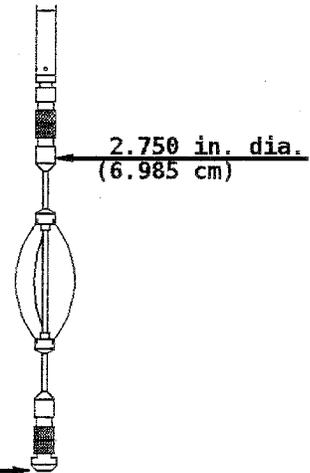
Weight	89.2 LBS.
Length	10.32 FT.
Max. Diameter	2.750 IN.



**Slim Hole Centralizer**

Weight 15.0 LBS.  
Length 2.82 FT.  
Max. Diameter 2.750 IN.

Tool Zero



COMPANY FIDELITY EXPLORATION & PRODUCTION CO.

WELL CANE CREEK #8-1

FIELD CANE CREEK

COUNTY GRAND

STATE UTAH



**Weatherford®**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68122
2. NAME OF OPERATOR: Fidelity Exploration & Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 2585 Heartland drive CITY Sheridan STATE WY ZIP 82801		7. UNIT or CA AGREEMENT NAME: Cane Creek Federal Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563 FNL & 1429 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		8. WELL NAME and NUMBER: Cane Creek 8-1
PHONE NUMBER:		9. API NUMBER: 4301931449
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Underground

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>2/27/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
It is hereby proposed to re-drill the Cane Creek **horizontally as** per the attached directional program. It is anticipated that the 7" casing will be drilled out with a 6" bit to a kick off point of approximately 7386'. A target TVD of approximately 7616' at an azimuth of 90 degrees is anticipated. The actual directional program maybe altered as dictated by hole conditions.

2370 FNL 1310 FWL Sec 8 T. 26S R. 20E  
610137X 38.555814  
42680374 -109.736010

Approved by the  
Utah Division of  
Oil, Gas and Mining

End of Horizontal Log  
885 FNL 570 FWL Sec 8 T 26S R. 20E  
609499X 38.560549  
42685594 -109.743242

Date: 03-03-08  
By: [Signature]

NAME (PLEASE PRINT) <u>Stephanie Masters</u>	TITLE <u>Operations Technician III</u>
SIGNATURE <u>[Signature]</u>	DATE <u>2/25/2008</u>

RECEIVED

COPY SENT TO OPERATOR  
Date: 3-4-2008  
Initials: KS

FEB 27 2008

DIV. OF OIL, GAS & MINING

Federal Approval of this  
Action is Necessary

Fidelity Exploration and Production  
 Cane Creek 8-1  
 Sec 8-T26S-R20E  
 Grand County, Utah



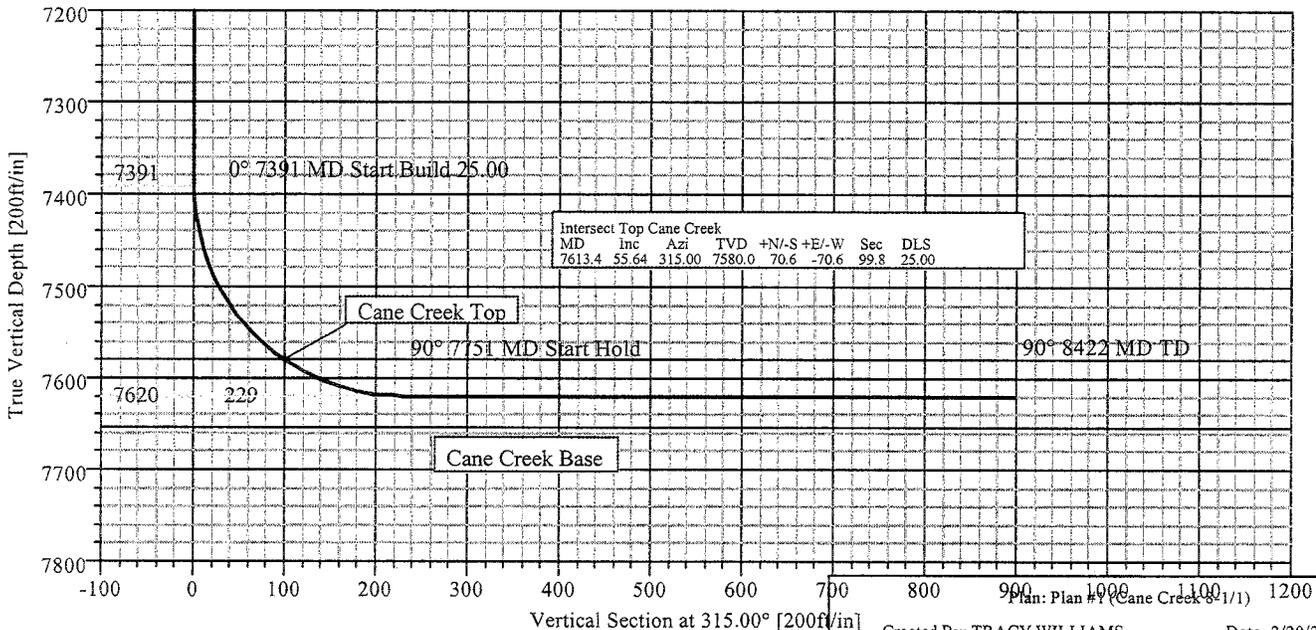
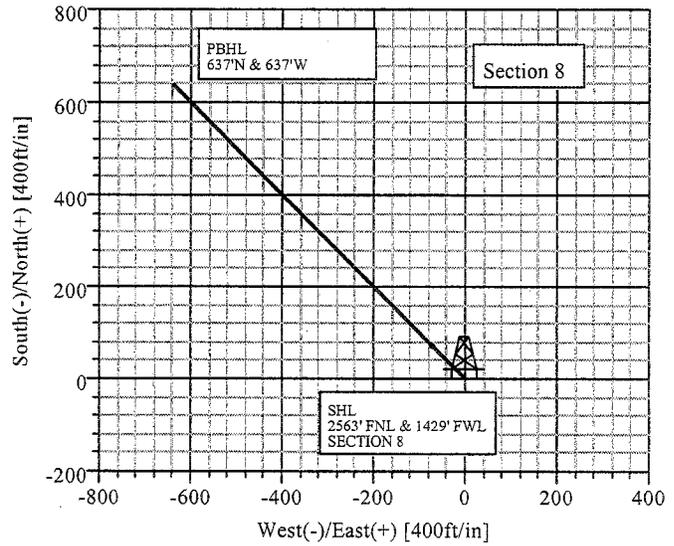
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	315.00	0.0	0.0	0.0	0.00	0.00	0.0	0.0
2	7390.8	0.00	315.00	7390.8	0.0	0.0	0.00	0.00	0.0	0.0
3	7750.8	90.00	315.00	7620.0	162.1	-162.1	25.00	315.00	229.2	0.0
4	8422.5	90.00	315.00	7620.0	637.0	-637.0	0.00	0.00	900.9	0.0

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Cane Creek 8-1	0.0	0.0	3317484.61	654728.80	39°30'48.000N	109°42'05.000W	N/A

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Cane Creek 8-1	0.0	0.0	3317484.61	654728.80	39°30'48.000N	109°42'05.000W	N/A

**SITE DETAILS**  
 Sec 8-T26S-R20E  
 Site Centre Latitude: 39°30'48.000N  
 Longitude: 109°42'05.000W  
 Ground Level: 6316.0  
 Positional Uncertainty: 0.0  
 Convergence: 1.10

**Diagram:** True North (T) and Magnetic North (M) vectors.  
 Azimuths to True North: Magnetic North: 11.53°  
 Magnetic Field Strength: 52396nT  
 Dip Angle: 65.51°  
 Date: 2/20/2008  
 Model: bggm2007



**HALLIBURTON**

**Fidelity Exploration & Production**  
**1700 Lincoln, Ste 4600**  
**Denver, Colorado 80203**

Cane Creek 8-1

San Juan County, Utah  
United States of America

## **Production Liner Recommendation**

Prepared for: Mr. Greg Creel  
February 26, 2008  
Version: 156394-1

Submitted by:  
Aaron James  
Halliburton  
1125 17th St Suite 1900  
Denver, Colorado 80202  
303.899.4717

**HALLIBURTON**

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# HALLIBURTON

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*Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.*

## **Foreword**

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Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: \_\_\_\_\_  
Sally Hourigan  
Proposal Specialist

Submitted by: \_\_\_\_\_  
Aaron James  
Technical Advisor

SERVICE CENTER:  
PSL DISTRICT MANAGER:  
SERVICE COORDINATORS:  
CEMENT ENGINEERS:

Grand Junction  
Paul Troublefield  
Jon Trout/Jered Brady  
Michael Stempky  
Anthony Jones  
Jamie Turner  
Andrew Wilke  
Mark Sauter  
Shauna Murphy  
970-523-3600

SALES REP:  
PHONE NUMBER:

## Cementing Best Practices

1. Cement quality and weight: You must choose a cement slurry that is designed to solve the problems specific to each casing string.
2. Waiting time: You must hold the cement slurry in place and under pressure until it reaches its' initial set without disturbing it. A cement slurry is a time-dependent liquid and must be allowed to undergo a hydration reaction to produce a competent cement sheath. A fresh cement slurry can be worked (thickening or pump time) as long as it is in a plastic state and before going through its' transition phase. If the cement slurry is not allowed to transition without being disturbed, it may be subjected to changes in density, dilution, settling, water separation, and gas cutting that may lead to a lack of zonal isolation and possible bridging in the annulus.
3. Pipe movement: Pipe movement may be one of the single most influential factors in mud removal. Reciprocation and/or rotation mechanically breaks up gelled mud and changes the flow patterns in the annulus to improve displacement efficiency.
4. Mud properties (for cementing):  
**Rheology:**  
Plastic Viscosity (PV) < 15 centipoise (cp)  
Yield Point (YP) < 10 lb/100 ft<sup>2</sup>  
These properties should be reviewed with the Mud Engineer, Drilling Engineer, and Company Representative(s) to ensure no hole problems are created.  
**Gel Strength:**  
The 10-second/10-minute gel strength values should be such that the 10-second and 10-minute readings are close together or flat (i.e., 5/6). The 30-minute reading should be less than 20 lb/100 ft<sup>2</sup>. Sufficient shear stress may not be achieved on a primary cement job to remove mud left in the hole if the mud were to develop more than 25 lb/100 ft<sup>2</sup> of gel strength.  
**Fluid Loss:**  
Decreasing the filtrate loss into a permeable zone enhances the creation of a thin, competent filter cake. A thin, competent filter cake created by a low fluid loss mud system is desirable over a thick, partially gelled filter cake. A mud system created with a low fluid loss will be more easily displaced. The fluid loss value should be < 15 cc's (ideal would be 5 cc's).
5. Circulation: Prior to cementing circulate full hole volume twice, or until well conditioned mud is being returned to the surface. There should be no cutting in the mud returns. An annular velocity of 260 feet per minute is optimum (SPE/IADC 18617), if possible.
6. Flow rate: Turbulent flow is the most desirable flow regime for mud removal. If turbulence cannot be achieved pump at as high a flow rate that can practically and safely be used to create the maximum flow energy. The highest mud removal is achieved when the maximum flow energy is obtained.
7. Pipe Centralization: The Cement will take the path of least resistance, therefore proper centralization is important to help prevent the casing from contacting the borehole wall. A minimum standoff of 70% should be targeted for optimum displacement efficiency.
8. Rat hole: A weighted viscous pill placed in the rat hole prior to cementing will minimize the risk of higher density cement mixing with lower density mud when the well is static.
9. Top and Bottom plugs: A top and bottom plug are recommended to be run on all primary casing jobs. The bottom plug should be run after the spacer and ahead of the first cement slurry.
10. Spacers and flushes: Spacers and/or flushes should be used to prevent contamination between the cement slurry and the drilling fluid. They are also used to clean the wellbore and aid with bonding. To determine the volume, either a minimum of 10 minutes contact time or 1000 ft. of annular fill, whichever is greater, is recommended.

## Job Information

## Production Liner

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Cane Creek	8-1
7" Casing	0 - 7390 ft (MD)
Outer Diameter	7.000 in
Inner Diameter	6.366 in
Linear Weight	23 lbm/ft
6" Openhole	7390 - 8390 ft (MD)
Inner Diameter	6.000 in
Job Excess	40 %
4 1/2" Production Liner	0 - 8390 ft (MD)
	0 - 7616 ft (TVD)
Outer Diameter	4.500 in
Inner Diameter	3.920 in
Linear Weight	13.50 lbm/ft
4" Drillpipe	0 - 7325 ft (MD)
Outer Diameter	4.000 in
Inner Diameter	3.382 in
Linear Weight	12.50 lbm/ft
Mud Type	Oil Based
Mud Weight	16 lbm/gal

## Job Recommendation

## Production Liner

### Fluid Instructions

Fluid 1: Water Based Spacer

#### TUNED SPACER

0.5 gal/bbl Musol(R) A (Mutual Solvent)  
0.5 gal/bbl SEM-7 (Surfactant)

Fluid Density: 16 lbm/gal  
Fluid Volume: 25 bbl

### Fluid 2: Primary Cement

#### Premium Cement

94 lbm/sk Premium Cement (Cement)  
8 % Hi-Dense No. 4 (Heavy Weight Additive)  
11 % Salt (Salt)  
6 % WellLife 665 (Cement Enhancer)  
1.1 % CFR-3 (Dispersant)  
0.2 % Halad(R)-344 (Low Fluid Loss Control)  
1.25 % Halad(R)-344 (Low Fluid Loss Control)  
0.4 % D-AIR 3000 (Defoamer)  
0.3 % HR-12 (Retarder)  
0.2 % HR-25 (Retarder)  
0.3 % Super CBL (Expander)

Fluid Weight 16 lbm/gal  
Slurry Yield: 1.28 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.55 Gal/sk  
Top of Fluid: 7325 ft  
Calculated Fill: 1065 ft  
Volume: 22.70 bbl  
Calculated Sacks: 99.88 sks  
Proposed Sacks: 100 sks

### Fluid 3: Water Spacer

#### Water Displacement

Fluid Density: 8.34 lbm/gal  
Fluid Volume: 97.29 bbl

## Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	TUNED SPACER	16.0		25 bbl
2	Cement	Premium Cement	16.0		100 sks
3	Spacer	Water Displacement	8.3		97.29 bbl

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*Cost Estimate*

*Production Liner*

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## Conditions

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### NOTE

The cost in this analysis is good for the materials and/or services outlined within and shall be valid for 30 days from the date of this proposal. In order to meet your needs under this proposal with a high quality of service and responsive timing, Halliburton will be allocating limited resources and committing valuable equipment and materials to your area of operations. Accordingly, the discounts reflected in this proposal are available only for materials and services awarded on a first-call basis. Alternate pricing may apply in the event that Halliburton is awarded work on any basis other than as a first-call provider.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at:

[http://www.halliburton.com/hes/general\\_terms\\_conditions.pdf](http://www.halliburton.com/hes/general_terms_conditions.pdf) for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU68122</b>
<small>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</small>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: <b>Cane Creek Federal</b>
2. NAME OF OPERATOR: <b>Fidelity Exploration &amp; Production Company</b>			8. WELL NAME and NUMBER: <b>Cane Creek 8-1</b>
3. ADDRESS OF OPERATOR: <b>2585 Heartland drive</b> CITY <b>Sheridan</b> STATE <b>WY</b> ZIP <b>82801</b>		PHONE NUMBER: <b>(307) 675-4924</b>	9. API NUMBER: <b>4301931449</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2563 FNL 1429 FWL</b>			10. FIELD AND POOL, OR WILDCAT: <b>Cane Creek</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENW 8 26S 20E</b>			COUNTY: <b>Grand</b>
			STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>2/27/2008</u>  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drill Horizontal</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**Fidelity drilled to a TD of 7720'** and ran 99 jts 7" HCL-80 29#/ft and 78 jts HCP-110 26#/ft @ 3360.99 LT&C. During the drilling process it was noted by the geologist the lack of show in hydrocarbons in samples. **Fidelity then completed the well by perforating the Cane Creek shale F/7580' T/7655'**. After perforation there was 0 psi on production string. Swab well down to seating nipple at 7460 with no fluid entry nor any pressures.

**Fidelity hereby proposes to re-drill the Cane Creek Shale horizontally** as per the attached directional program. It is anticipated exiting the 7" casing with a mill at a kick out point of approximately 7386'. Drill with a 6" bit to a target MD of approximately 8422' at an azimuth of 330 is anticipated. A projected intercept of approximately 2370 FNL 1310 FWL Max distance of 885 FNL 570 FWL. Liner will consist of a 4 1/2" liner hanger set at 7,325', 265' of 4 1/2" 8rd LT&C 13 .50# P110 with 12,410 Internal Yield Pressure & 335,000# Joint Yield Strength followed by 1,026' of 4 1/2" Ultra Flush Joint 13.50# P110 with 12,410 Internal Yield Pressure and 335,000# Joint Yield Strength to TD @ 8,422'. Fidelity will pump approximately 100 sacks of 16# with a slurry yield of 1.28 class G premium cement, with a water mix of 4.55 gal of mix per sack 25 bbl fluid volume spacer, 22.70 bbl mix and 97.29 fluid volumes for displacement. The actual directional program maybe altered as dictated by hole conditions.

NAME (PLEASE PRINT) <u>Stephanie Masters</u>	TITLE <u>Operations Technician</u>
SIGNATURE	DATE <u>2/27/2008</u>

(This space for State use only)

**Fidelity Exploration and Production  
Cane Creek 8-1  
Sec 8-T26S-R20E  
Grand County, Utah**



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	330.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	7390.80	0.00	330.00	7390.80	0.00	0.00	0.00	330.00	0.00	
3	7688.37	80.34	330.00	7600.00	152.95	-88.31	27.00	-30.00	176.61	T1
4	7714.71	87.46	330.00	7602.80	175.62	-101.39	27.00	0.00	202.79	
5	8327.53	87.46	330.00	7630.00	705.81	-407.50	0.00	0.00	815.00	T2
6	8358.66	85.59	330.00	7631.89	732.72	-423.04	6.00	180.00	846.08	
7	8854.05	85.59	330.00	7670.00	1160.47	-670.00	0.00	0.00	1340.00	T3
8	8956.18	91.72	330.00	7672.40	1248.85	-721.03	6.00	0.00	1442.05	
9	9704.47	91.72	330.00	7650.00	1896.60	-1095.00	0.00	0.00	2190.00	T4

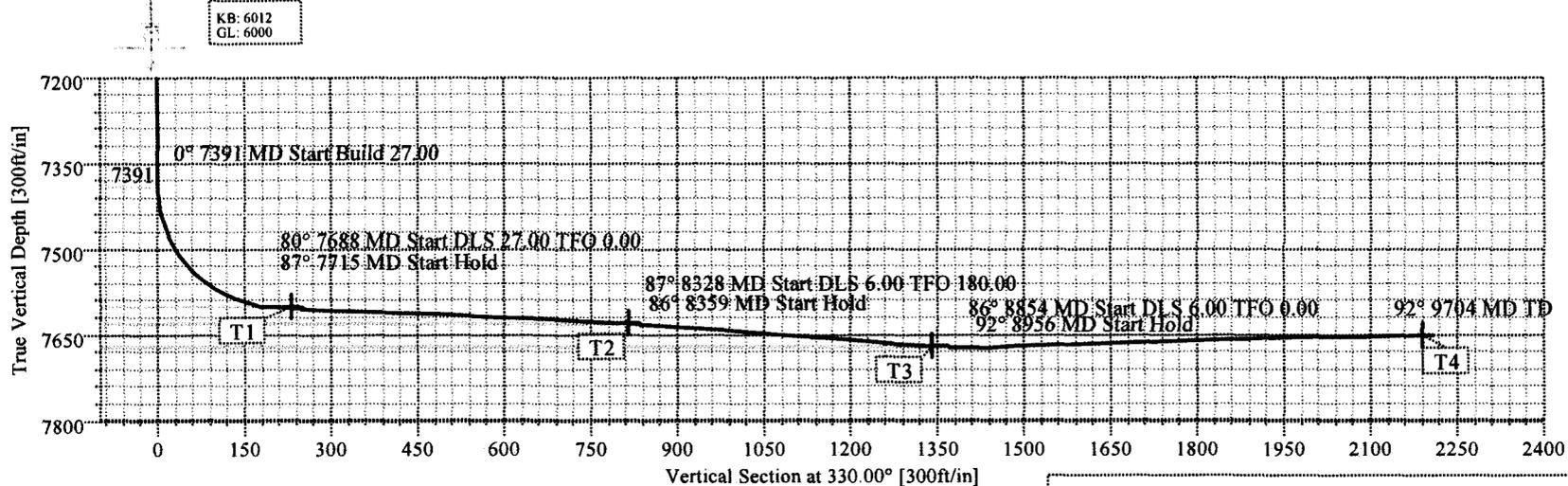
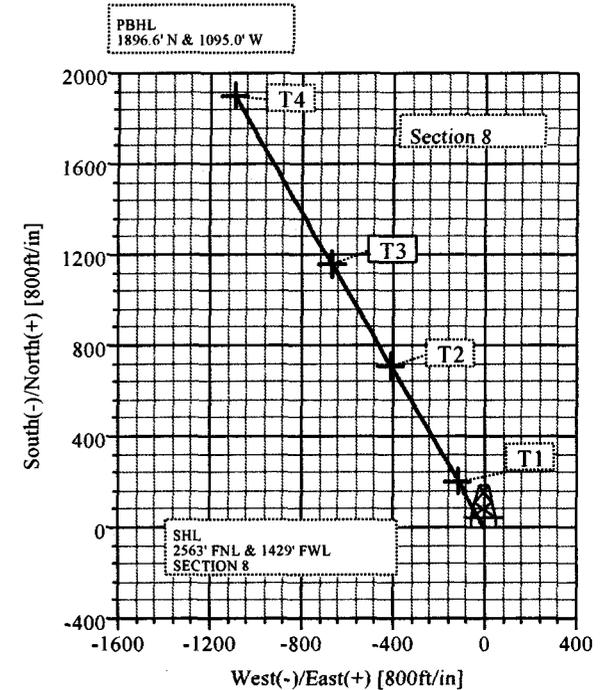
WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Cane Creek 8-1	0.00	0.00	692693.10	2503285.12	38°33'21.560N	109°44'24.430W	N/A

**SITE DETAILS**  
Sec 8-T26S-R20E  
Site Centre Latitude: 38°33'21.560N  
Longitude: 109°44'24.430W  
Ground Level: 6000.00  
Positional Uncertainty: 0.00  
Convergence: 1.08

**FIELD DETAILS**  
Grand County, Utah  
Geodetic System: US State Plane Coordinate System 1927  
Ellipsoid: NAD27 (Clarke 1866)  
Zone: Utah, Southern Zone  
Magnetic Model: bggm2007  
System Datum: Mean Sea Level  
Local North: True North

TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
T1	7600.00	199.19	-115.00	Point
T2	7630.00	705.81	-407.50	Point
T4	7650.00	1896.60	-1095.00	Point
T3	7670.00	1160.47	-670.00	Point

Diagram showing True North (T) and Magnetic North (M) with an angle of 11.40° between them.  
Azimuths to True North: Magnetic North: 11.40°  
Magnetic Field Strength: 51853nT  
Dip Angle: 64.71°  
Date: 2/27/2008  
Model: bggm2007



Plan: Plan #2 (Cane Creek 8-1/1)  
Created By: TRACY WILLIAMS Date: 2/27/2008

# Weatherford International, Ltd.

## Directional Plan Report

<b>Company:</b> Fidelity Exploration & Product <b>Field:</b> Grand County, Utah <b>Site:</b> Sec 8-T26S-R20E <b>Well:</b> Cane Creek 8-1 <b>Wellpath:</b> 1	<b>Date:</b> 2/27/2008 <b>Time:</b> 13:34:12 <b>Page:</b> 1 <b>Co-ordinate(NE) Reference:</b> Well: Cane Creek 8-1, True North <b>Vertical (TVD) Reference:</b> SITE 6012.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,330.00Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase
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<b>Field:</b> Grand County, Utah  <b>Map System:</b> US State Plane Coordinate System 1927 <b>Geo Datum:</b> NAD27 (Clarke 1866) <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Southern Zone <b>Coordinate System:</b> Well Centre <b>Geomagnetic Model:</b> bggm2007
---	---

<b>Site:</b> Sec 8-T26S-R20E	
<b>Site Position:</b> <b>From:</b> Geographic <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 6000.00 ft	<b>Northing:</b> 692693.10 ft <b>Latitude:</b> 38 33 21.560 N <b>Easting:</b> 2503285.12 ft <b>Longitude:</b> 109 44 24.430 W <b>North Reference:</b> True <b>Grid Convergence:</b> 1.08 deg

<b>Well:</b> Cane Creek 8-1	<b>Slot Name:</b>
<b>Well Position:</b> +N/-S 0.00 ft <b>Northing:</b> 692693.10 ft <b>Latitude:</b> 38 33 21.560 N +E/-W 0.00 ft <b>Easting:</b> 2503285.12 ft <b>Longitude:</b> 109 44 24.430 W <b>Position Uncertainty:</b> 0.00 ft	

<b>Wellpath:</b> 1  <b>Current Datum:</b> SITE <b>Magnetic Data:</b> 2/27/2008 <b>Field Strength:</b> 51853 nT <b>Vertical Section: Depth From (TVD)</b>	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.40 deg <b>Mag Dip Angle:</b> 64.71 deg <b>+E/-W</b> <b>Direction</b> ft      deg 0.00      0.00      0.00      330.00
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<b>Plan:</b> Plan #2 Horizontal following contours <b>Principal:</b> Yes	<b>Date Composed:</b> 2/27/2008 <b>Version:</b> 1 <b>Tied-to:</b> From Surface
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### Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	330.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7390.80	0.00	330.00	7390.80	0.00	0.00	0.00	0.00	0.00	330.00	
7688.37	80.34	330.00	7600.00	152.95	-88.31	27.00	27.00	0.00	-30.00	T1
7714.71	87.46	330.00	7602.80	175.62	-101.39	27.00	27.00	0.00	0.00	
8327.53	87.46	330.00	7630.00	705.81	-407.50	0.00	0.00	0.00	0.00	T2
8358.66	85.59	330.00	7631.89	732.72	-423.04	6.00	-6.00	0.00	180.00	
8854.05	85.59	330.00	7670.00	1160.47	-670.00	0.00	0.00	0.00	0.00	T3
8956.18	91.72	330.00	7672.40	1248.85	-721.03	6.00	6.00	0.00	0.00	
9704.47	91.72	330.00	7650.00	1896.60	-1095.00	0.00	0.00	0.00	0.00	T4

### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
250.00	0.00	330.00	250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
350.00	0.00	330.00	350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
450.00	0.00	330.00	450.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
550.00	0.00	330.00	550.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
650.00	0.00	330.00	650.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
750.00	0.00	330.00	750.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
850.00	0.00	330.00	850.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
950.00	0.00	330.00	950.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1050.00	0.00	330.00	1050.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1150.00	0.00	330.00	1150.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1250.00	0.00	330.00	1250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1350.00	0.00	330.00	1350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1450.00	0.00	330.00	1450.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	

# Weatherford International, Ltd.

## Directional Plan Report

**Company:** Fidelity Exploration & Product  
**Field:** Grand County, Utah  
**Site:** Sec 8-T26S-R20E  
**Well:** Cane Creek 8-1  
**Wellpath:** 1

**Date:** 2/27/2008      **Time:** 13:34:12      **Page:** 2  
**Co-ordinate(NE) Reference:** Well: Cane Creek 8-1, True North  
**Vertical (TVD) Reference:** SITE 6012.0  
**Section (VS) Reference:** Well (0.00N,0.00E,330.00Azi)  
**Survey Calculation Method:** Minimum Curvature      **Db:** Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
1550.00	0.00	330.00	1550.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1650.00	0.00	330.00	1650.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1750.00	0.00	330.00	1750.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1850.00	0.00	330.00	1850.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
1950.00	0.00	330.00	1950.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2050.00	0.00	330.00	2050.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2150.00	0.00	330.00	2150.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2250.00	0.00	330.00	2250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2350.00	0.00	330.00	2350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2450.00	0.00	330.00	2450.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2550.00	0.00	330.00	2550.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2650.00	0.00	330.00	2650.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2750.00	0.00	330.00	2750.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2850.00	0.00	330.00	2850.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
2950.00	0.00	330.00	2950.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3050.00	0.00	330.00	3050.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3150.00	0.00	330.00	3150.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3250.00	0.00	330.00	3250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3350.00	0.00	330.00	3350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3450.00	0.00	330.00	3450.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3550.00	0.00	330.00	3550.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3650.00	0.00	330.00	3650.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3750.00	0.00	330.00	3750.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3850.00	0.00	330.00	3850.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
3950.00	0.00	330.00	3950.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4050.00	0.00	330.00	4050.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4150.00	0.00	330.00	4150.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4250.00	0.00	330.00	4250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4350.00	0.00	330.00	4350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4450.00	0.00	330.00	4450.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4550.00	0.00	330.00	4550.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4650.00	0.00	330.00	4650.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4750.00	0.00	330.00	4750.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4850.00	0.00	330.00	4850.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
4950.00	0.00	330.00	4950.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5050.00	0.00	330.00	5050.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5150.00	0.00	330.00	5150.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5250.00	0.00	330.00	5250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5350.00	0.00	330.00	5350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5450.00	0.00	330.00	5450.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5550.00	0.00	330.00	5550.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5650.00	0.00	330.00	5650.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5750.00	0.00	330.00	5750.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5850.00	0.00	330.00	5850.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
5950.00	0.00	330.00	5950.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6050.00	0.00	330.00	6050.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6150.00	0.00	330.00	6150.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6250.00	0.00	330.00	6250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6350.00	0.00	330.00	6350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6450.00	0.00	330.00	6450.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6550.00	0.00	330.00	6550.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6650.00	0.00	330.00	6650.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	

# Weatherford International, Ltd.

## Directional Plan Report

Company: Fidelity Exploration & Product  
 Field: Grand County, Utah  
 Site: Sec 8-T26S-R20E  
 Well: Cane Creek 8-1  
 Wellpath: 1

Date: 2/27/2008 Time: 13:34:12 Page: 3  
 Co-ordinate(NE) Reference: Well: Cane Creek 8-1, True North  
 Vertical (TVD) Reference: SITE 6012.0  
 Section (VS) Reference: Well (0.00N,0.00E,330.00Azi)  
 Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
6750.00	0.00	330.00	6750.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6850.00	0.00	330.00	6850.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
6950.00	0.00	330.00	6950.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
7050.00	0.00	330.00	7050.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
7150.00	0.00	330.00	7150.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
7250.00	0.00	330.00	7250.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
7350.00	0.00	330.00	7350.00	0.00	0.00	0.00	0.00	692693.10	2503285.12	
7390.80	0.00	330.00	7390.80	0.00	0.00	0.00	0.00	692693.10	2503285.12	
7450.00	15.98	330.00	7449.24	7.11	-4.10	8.20	27.00	692700.12	2503280.89	
7550.00	42.98	330.00	7535.48	49.34	-28.48	56.97	27.00	692741.89	2503255.71	
7650.00	69.98	330.00	7590.19	120.87	-69.79	139.57	27.00	692812.64	2503213.07	
7688.37	80.34	330.00	7600.00	152.95	-88.31	176.61	27.00	692844.36	2503193.95	T1
7714.71	87.46	330.00	7602.80	175.62	-101.39	202.79	27.00	692866.78	2503180.44	
7750.00	87.46	330.00	7604.36	206.15	-119.02	238.04	0.00	692896.97	2503162.24	
7850.00	87.46	330.00	7608.80	292.67	-168.97	337.94	0.00	692982.53	2503110.67	
7950.00	87.46	330.00	7613.24	379.18	-218.92	437.84	0.00	693068.09	2503059.10	
8050.00	87.46	330.00	7617.68	465.70	-268.87	537.75	0.00	693153.66	2503007.53	
8150.00	87.46	330.00	7622.12	552.22	-318.82	637.65	0.00	693239.22	2502955.96	
8250.00	87.46	330.00	7626.56	638.74	-368.77	737.55	0.00	693324.78	2502904.39	
8327.53	87.46	330.00	7630.00	705.81	-407.50	815.00	0.00	693391.11	2502864.41	T2
8350.00	86.11	330.00	7631.26	725.24	-418.72	837.44	6.00	693410.33	2502852.83	
8358.66	85.59	330.00	7631.89	732.72	-423.04	846.08	6.00	693417.73	2502848.37	
8450.00	85.59	330.00	7638.92	811.59	-468.57	937.14	0.00	693495.73	2502801.36	
8550.00	85.59	330.00	7646.61	897.94	-518.42	1036.85	0.00	693581.12	2502749.89	
8650.00	85.59	330.00	7654.30	984.28	-568.28	1136.55	0.00	693666.51	2502698.42	
8750.00	85.59	330.00	7661.99	1070.63	-618.13	1236.25	0.00	693751.90	2502646.96	
8850.00	85.59	330.00	7669.69	1156.97	-667.98	1335.96	0.00	693837.29	2502595.49	
8854.05	85.59	330.00	7670.00	1160.47	-670.00	1340.00	0.00	693840.76	2502593.40	T3
8950.00	91.34	330.00	7672.57	1243.50	-717.94	1435.87	6.00	693922.87	2502543.91	
8956.18	91.72	330.00	7672.40	1248.85	-721.03	1442.05	6.00	693928.16	2502540.72	
9050.00	91.72	330.00	7669.59	1330.06	-767.91	1535.83	0.00	694008.48	2502492.31	
9150.00	91.72	330.00	7666.60	1416.63	-817.89	1635.78	0.00	694094.08	2502440.72	
9250.00	91.72	330.00	7663.61	1503.19	-867.87	1735.74	0.00	694179.69	2502389.12	
9350.00	91.72	330.00	7660.61	1589.76	-917.85	1835.69	0.00	694265.30	2502337.52	
9450.00	91.72	330.00	7657.62	1676.32	-967.82	1935.65	0.00	694350.91	2502285.92	
9550.00	91.72	330.00	7654.62	1762.88	-1017.80	2035.60	0.00	694436.51	2502234.33	
9650.00	91.72	330.00	7651.63	1849.45	-1067.78	2135.56	0.00	694522.12	2502182.73	
9704.47	91.72	330.00	7650.00	1896.60	-1095.00	2190.00	0.00	694568.75	2502154.62	T4

### Annotation

MD	TVD

### Targets

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude			Longitude				
	Dip.	Dir.						Deg	Min	Sec	Deg	Min	Sec		
T1			7600.00	199.19	-115.00	692890.08	2503166.39	38	33	23.529	N	109	44	25.878	W
T2			7630.00	705.81	-407.50	693391.11	2502864.41	38	33	28.537	N	109	44	29.560	W
T4			7650.00	1896.60	-1095.00	694568.75	2502154.62	38	33	40.307	N	109	44	38.214	W

# Weatherford International, Ltd.

## Directional Plan Report

**Company:** Fidelity Exploration & Product  
**Field:** Grand County, Utah  
**Site:** Sec 8-T26S-R20E  
**Well:** Cane Creek 8-1  
**Wellpath:** 1

**Date:** 2/27/2008      **Time:** 13:34:12      **Page:** 4  
**Co-ordinate(NE) Reference:** Well: Cane Creek 8-1, True North  
**Vertical (TVD) Reference:** SITE 6012.0  
**Section (VS) Reference:** Well (0.00N,0.00E,330.00Azi)  
**Survey Calculation Method:** Minimum Curvature      **Db:** Sybase

**Targets**

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
	Dip.	Dir.						Deg	Min	Sec	Deg	Min	Sec
T3			7670.00	1160.47	-670.00	693840.762502593.40		38 33 33.031 N	109 44 32.864 W				



**FIDELITY**  
Exploration & Production Company

February 29, 2008

State of Utah  
Division of Oil, Gas and Mining  
P.O. 145801  
Salt Lake City, UT 84114-5801  
Attention: Diana Mason

Re: Cane Creek Unit No. 8-1 Well  
Section 8, T26S- R19E  
Grand County, Utah

Dear Ms. Mason:

Pursuant to the filing of Form 9, Sundry Notices and Reports on Wells by Fidelity Exploration & Production Company for the purpose of drilling a horizontal leg in the Cane Creek Unit No. 8-1 Well located at a surface location of 2,563' FNL – 1,429' FWL of Section 8, T26S-R20E, Grand County Utah, Fidelity hereby submits this letter together with pre-drilling directional survey plan, in accordance with Oil & Gas Conservation Rule No. R649-3-2 pertaining to the Location and Siting of Wells. Fidelity hereby submits that:

- Fidelity Exploration & Production Company's proposed Cane Creek Unit No. 8-1 Well is located with the Cane Creek Unit area.
- Fidelity Exploration & Production Company is permitting this well as a horizontal well for the purpose of further exploration since the current vertical portion of the subject wellbore has proven unproductive for commercial hydrocarbons.
- Furthermore, Fidelity Exploration & Production Company hereby certifies that its proposed horizontal well as planned is in compliance with Utah Oil & Gas Conservation Rule No. R649-3-2 pertaining to the Location and Siting of Horizontal Wells.
- Furthermore, Fidelity Exploration & Production Company hereby certifies that it owns seventy-five percent (75%) of the working interest together with Babcock and Brown Energy, Inc. who owns twenty-five percent (25%) of the working interest within four hundred sixty feet (460') of the entire proposed wellbore as shown on the attached directional survey.
- Furthermore, Fidelity Exploration & Production Company has obtained the requisite approval from Babcock & Brown Energy, Inc., to drill the proposed horizontal well as contemplated herein.

Therefore, based on the above stated information, Fidelity Exploration & Production Company requests that its permit for the Cane Creek Unit No. 8-1 be granted and approved. Thank you for your consideration.

Sincerely,

*Darrell Finneman (by Tina Gibson)*

Darrell Finneman  
Regional Land Manager

1700 Lincoln Street - Suite 2800, Denver, Colorado 80203 • 303-893-3133 • Fax 303-893-1964

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

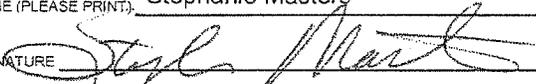
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68122
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7. UNIT or CA AGREEMENT NAME: Cane Creek Federal
			8. WELL NAME and NUMBER: Cane Creek 8-1
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	2. NAME OF OPERATOR: Fidelity Exploration and Production Company		9. API NUMBER: 4301931449
3. ADDRESS OF OPERATOR: 2585 Heartland drive CITY Sheridan STATE WY ZIP 82801	PHONE NUMBER: (307) 675-4924	10. FIELD AND POOL OR WILDCAT: Cane Creek	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563 FNL 1429 FWL			COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E			STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>2/28/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drill Horizontal</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity drilled to a TD of 7720' and ran 99 jts 7" HCL-80 29#/ft and 78 jts HCP-110 26#/ft @ 3360.99 LT&C. During the drilling process it was noted by the geologist the lack of show in hydrocarbons in samples. Fidelity then completed the well by perforating the Cane Creek shale F/7580' T/7655'. After perforation there was 0 psi on production string. Swab well down to seating nipple at 7460 with no fluid entry nor any pressures.

Fidelity hereby proposes to re-drill the Cane Creek Shale **horizontally** as per the attached directional program. It is anticipated exiting the 7" casing with a mill at a kick out point of approximately 7386'. Drill with a 6" bit to a target MD of approximately 9704'. A Cast Iron Bridge Plug will be set @ 7394' in 7" 29# HCL-80, casing with the Whip Stock being orientated by gyro and set on the plug to the NW @ an azimuth of 330 is anticipated. A second cast iron bridge plug will be set at 7505' to isolate the perforations. A projected intercept the top of the target at approximately 2370 FNL 1310FWL Bottom hole location 885 FNL 570 FWL. Liner will consist of a 4.5" liner with a minimum 100' of overlap between liner and 7" casing to TD and cemented in place, 4 1/2" 8rd LT&C 13.50# P110 with 12,410 Internal Yield Pressure & 335,000# Joint Yield Strength followed by 1,026' of 4 1/2" Ultra Flush Joint 13.50# P110 with 12,410 Internal Yield Pressure and 335,000# Joint Yield Strength to TD @ 9704'. Fidelity will pump approximately 100 sacks of 16# with a slurry yield of 1.28 class G premium cement, with a water mix of 4.55 gal of mix per sack 25 bbl fluid volume spacer, 22.70 bbl mix and 97.29 fluid volumes for displacement. The actual directional program maybe altered as dictated by hole conditions.

NAME (PLEASE PRINT): <u>Stephanie Masters</u>	TITLE: <u>Operations Technician III</u>
SIGNATURE: 	DATE: <u>2/28/2008</u>

(This space for State use only)

**RECEIVED**  
**NOV 22 2010**

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

February 29, 2008

Memorandum

To: Assistant Field Office Manager Resources, Moab District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2008 Plan of Development Cane Creek Unit,  
Grand and San Juan Counties, Utah.

Pursuant to email between Eric Jones, Moab Field Office, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well horizontal well bore has been revised as shown below. The proposed well bore is planned for calendar year 2008 within the Cane Creek Unit, Grand and San Juan Counties, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Cane Creek Shale)		
43-019-31449	Cane Creek Unit 8-1	Sec 8 T26S R20E 2563 FNL 1429 FWL
	Intercept of top of Cane Creek	Sec 8 T26S R20E 2370 FNL 1310 FWL
	End of Horizontal leg	Sec 8 T26S R20E 0885 FNL 0570 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Cane Creek Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:2-29-08



MWD Gamma Ray Log  
5 Inch True Vertical Depth  
Real Time Final Copy

Company: Fidelity Exploration  
Well: Cane Creek 8-1  
Field: Grand County  
Rig: Stone Well Service 8  
State: Utah Country: USA

COMPANY Fidelity Exploration  
WELL Cane Creek 8-1  
FIELD Grand County  
RIG Stone Well Service 8  
STATE Utah COUNTRY USA  
API \_\_\_\_\_

Location  
Latitude: 38 deg 33'21.560 ° N  
Longitude: 109 deg 44'24.430 ° W  
Other Services: Deviation Surveys, Gamma  
Mag Decl: 11.40 °  
Grid Corr: 0.00 °  
Total Corr: 11.40 °

Permanent Datum: Ground Level  
Log Measured From: Kelly Bushing @ 6017.00 ft above Permanent Datum  
Depth Reference: Driller's Depth Total Depth: 1036.00 ft

Depth Logged: 7360.00 ft to 8396.00 ft  
Date Logged: March 08 20 to March 20 2008  
Runs: 7  
Spud Date: Re-entry Well

Elevation  
K.B. 6017.00 ft  
G.L. 6000.00 ft  
D.F. 6016.00 ft  
W.D. On Shore ft

Borehole Record			Casing Record			
Hole Size	From	To	Size	Weight	From	To
6 inch in	7391.00 ft	8432.00 ft				

Borehole Deviation Record			Mud Record			
Hole Size	Min. Inc.	Max. Inc.	Type	Weight	From	To
6. in	3.9 / 7391 °	79.73 / 7833 °	Invert Base	16.50 lb/gal	7391.00 ft	8432.00 ft

All interpretations of log data are opinions based on inferences from electrical or other measurements. Weatherford Drilling Services does not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

CONFIDENTIAL

### RUN SUMMARY

Number		1	2	3	4	5	6	7	8
Time	in	6.000	6.000	6.000	6.000	6.000	6.000	6.000	
Tool		Tri-cone	Tri-cone	Tri-cone	Tri-cone	PDC	PDC	Tri-cone	
Area	in <sup>2</sup>	0.75	0.75	0.75	0.75			0.92	
Start Depth	ft	7391.00	7436.00	7495.00	7495.00	7623.00	7623.00	8258.00	
End Depth	ft	7436.00	7495.00	7495.00	7623.00	7623.00	8258.00	8432.00	
Log Interval	ft	7353.05	7398.05	7457.05	7457.05	7585.05	7585.05	8214.36	
Run Log Interval	ft	7398.05	7398.05	7457.05	7585.05	7585.05	8214.36	7360.00	
Log Time	hh:mm	4:50	No Gamma	Tool Fail	9:45	8:15	7:00	15:30	
Log Date	DD-MMM-YY	08-Mar-08	No Gamma	Tool Fail	13-Mar-08	15-Mar-08	16-Mar-08	19-Mar-08	
Log Time	hh:mm	2:00	No Gamma	Tool Fail	6:15	8:30	14:00	11:45	
Log Date	DD-MMM-YY	09-Mar-08	No Gamma	Tool Fail	14-Mar-08	15-Mar-08	18-Mar-08	21-Mar-08	

Drill/Wipe or Both		Drill	No Gamma	Tool Fail	Drill	Tool Fail	Drill	Drill
Rate	gal/min	180	180	180	155	175	180	175
Angle @ Depth	deg @ ft	3.50@7392	17.42@7439	N/A@N/A	38.36@7502	N/A@N/A	59.42@7580	71.81@8212
Angle @ Depth	deg @ ft	5.40@7404	28.52@7470	N/A@N/A	56.58@7565	N/A@N/A	71.21@8180	76.76@8307

DATA									
Depth	ft	7391	7436	7495	7495	7623	7623	8258	
Type		Invert	Invert	Invert	Invert	Invert	Invert	Invert	
Weight	lb/gal	16.00	16.00	15.80	16.70	16.70	16.70	16.30	
Viscosity	sec/qt	56	56	56	63	65	54	56	
Sand / Sand	%	34	32	33	34.44	34.44	33.23	33.18	
Fluid Loss	ml/30 min								
Tool Temp / Tool	deg F	105	105	105	105	105	120	120	
Representative		Greg Creel	Greg Creel	Greg Creel	Greg Creel	Greg Creel	Greg Creel	Greg Creel	
Perforated Engineer		Louis/Castillo	Louis/Castillo	Louis/Castillo	Louis/Kendall	Louis/Kendall	Louis/Kendall	Louis/Kendall	

### EQUIPMENT SUMMARY

Number		1	2	3	4	5	6	7	8
W / CDS Serial Number		680 / 794	680 / 794	680 / 794	366 / 633	366 / 633	360 / 714	360 / 714	
W / Serial Number		3662	3662	3662	3663	3663	3675	3675	
W / Gamma Ray Serial Number		2784	2784	2784	2764	2784	2914	2914	
W / Pressure Probe Serial Number									
W / Serial Number		1746	1746	1746	1592	1592	1696	1696	
W / Serial Number		12900	12900	12900	14467	14467	14467	14467	
W / Sensor Offsets									
W / Additional	ft	52.16	52.16	52.16	52.16	57.85	57.85	52.16	
W / Gamma Ray	ft	37.95	37.95	37.95	37.95	43.64	43.64	37.95	
W / Information									
W / Assembly Type		Steerable							
W / Circulating Time	hrs	15.25	0.00	2.00	21.25	1.50	44.75	39.50	
W / Drilling Time	hrs	6.50	0.00	0.00	17.50	0.00	31.50	28.25	

## 5 Inch - True Vertical Depth

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ROP (ft/hr)	INC (deg)	100
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# SURVEY

Survey Calculation Method: **Minimum Curvature**

Magnetic Reference True North	Target Direction 330.00 deg	Total Magnetic Field 51853 nT	Magnetic Dip Angle 64.71 deg	Magnetic Declination 11.40 deg	Grid Convergence 0.00 deg	Total Correction 11.40 deg
Survey Tie-On	Depth 7331.00 ft	INC 5.02 deg	AZ 192.94 deg	TVD 7318.93 ft	NS 54.27 ft	EW 177.50 ft

Time	Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		Vsect (ft)	Dogleg (deg/100ft)
					NS (ft)	EW (ft)		
03/11/08 08:04:51	7381.00	4.50	204.82	7368.76	50.36	176.19	-44.48	2.22
03/11/08 08:05:35	7392.00	3.90	227.14	7379.73	49.71	175.73	-44.81	15.71
03/11/08 08:06:05	7404.00	5.40	272.12	7391.69	49.45	174.87	-44.60	31.79
03/13/08 09:01:35	7439.00	17.42	304.33	7425.96	52.48	168.87	-38.98	37.61
03/13/08 14:29:00	7470.00	28.52	312.28	7454.47	60.11	159.53	-27.71	37.11
03/13/08 18:19:07	7502.00	38.36	312.49	7481.14	71.98	146.52	-10.92	30.73
03/13/08 23:53:31	7534.00	47.93	308.77	7504.46	86.16	129.90	9.67	30.95
03/14/08 04:02:44	7565.00	56.58	312.48	7523.42	102.14	111.34	32.78	29.45
03/16/08 07:31:59	7580.00	59.42	316.83	7531.37	111.08	102.30	45.04	31.03
03/16/08 11:09:08	7612.00	67.97	322.29	7545.55	132.91	83.76	73.22	30.75
03/16/08 14:14:47	7643.00	70.10	324.02	7556.64	156.08	66.41	101.96	8.64
03/16/08 18:50:50	7674.00	72.60	324.52	7566.55	179.92	49.26	131.19	8.21
03/17/08 02:39:41	7706.00	75.81	324.33	7575.26	204.96	31.35	161.83	10.02
03/17/08 07:56:24	7738.00	77.81	324.37	7582.57	230.28	13.19	192.83	6.25
03/17/08 09:12:11	7769.00	78.46	324.54	7588.94	254.96	-4.45	223.03	2.18
03/17/08 11:25:51	7801.00	79.14	324.03	7595.16	280.45	-22.77	254.26	2.63
03/17/08 13:22:30	7833.00	79.73	324.23	7601.02	305.94	-41.20	285.55	1.94
03/17/08 15:13:14	7864.00	78.33	324.61	7606.92	330.69	-58.91	315.84	4.67
03/17/08 17:15:01	7896.00	76.87	325.34	7613.79	356.28	-76.85	346.97	5.06
03/17/08 18:36:42	7927.00	75.40	325.67	7621.22	381.09	-93.90	376.98	4.86
03/17/08 21:32:19	7958.00	75.16	326.26	7629.10	405.93	-110.68	406.89	1.99
03/17/08 22:55:10	7990.00	75.80	326.03	7637.12	431.66	-127.94	437.79	2.12
03/18/08 00:42:17	8022.00	76.41	326.22	7644.80	457.45	-145.25	468.79	1.99
03/18/08 02:28:45	8053.00	75.82	326.36	7652.24	482.48	-161.95	498.82	1.96
03/18/08 04:59:13	8085.00	73.99	327.05	7660.58	508.30	-178.91	529.66	6.08
03/18/08 07:01:56	8116.00	72.61	327.49	7669.48	533.28	-194.97	559.32	4.64
03/18/08 08:31:25	8148.00	71.17	327.77	7679.43	558.97	-211.25	589.71	4.60
03/18/08 10:42:06	8180.00	71.21	327.72	7689.75	584.58	-227.42	619.97	0.21
03/19/08 15:59:47	8212.00	71.81	327.12	7699.90	610.15	-243.76	650.29	2.56
03/20/08 12:34:40	8244.00	72.66	327.54	7709.66	635.80	-260.21	680.73	2.94
03/20/08 22:22:30	8276.00	74.57	327.14	7718.69	661.65	-276.78	711.40	6.09
03/21/08 03:53:57	8307.00	76.76	326.79	7726.36	686.82	-293.16	741.39	7.15
03/21/08 06:12:36	8338.00	75.23	326.03	7733.87	711.88	-309.80	771.40	5.48
03/21/08 09:57:12	8370.00	75.17	326.24	7742.04	737.57	-327.04	802.27	0.66

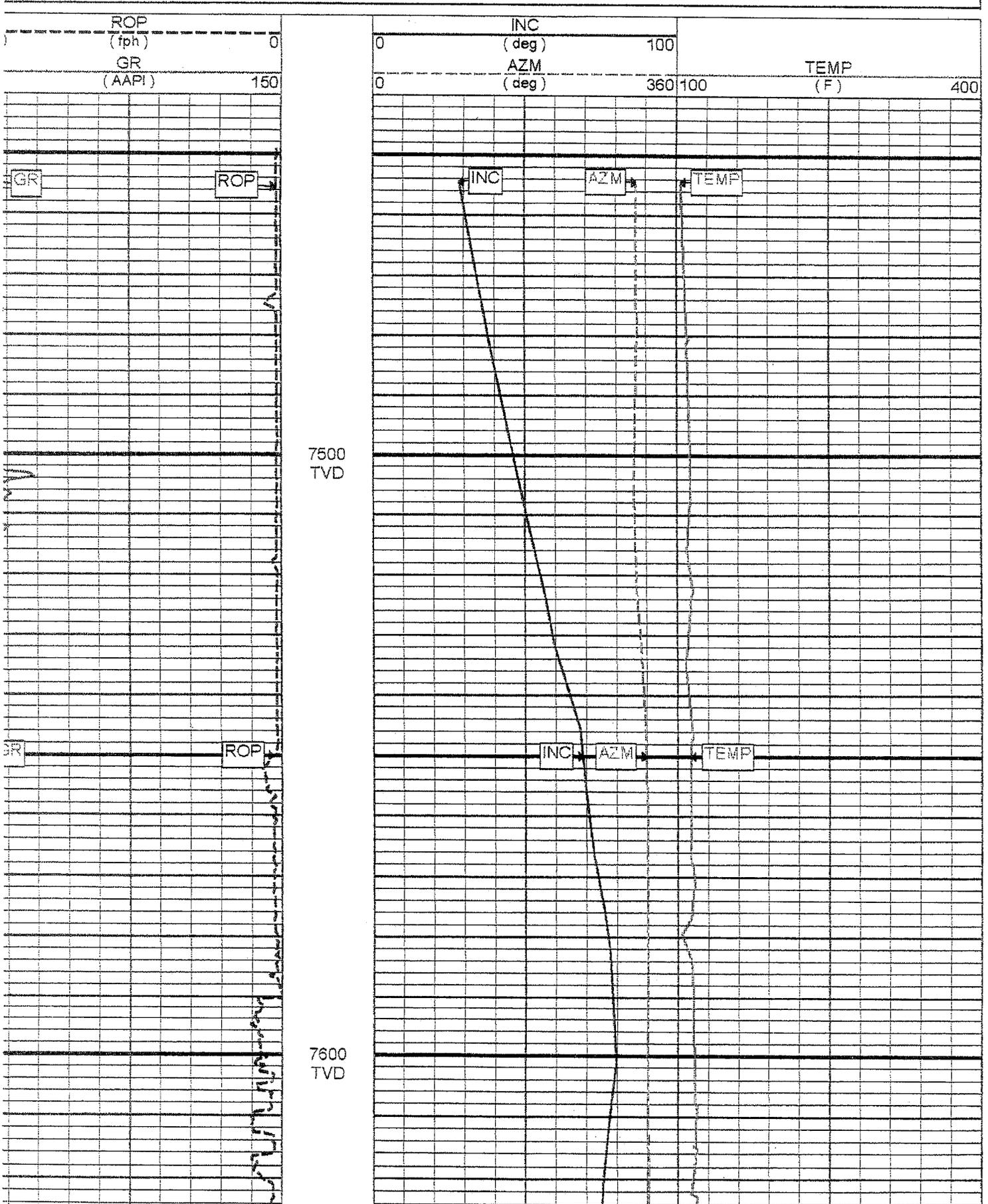
Vertical Section is 16572.17 ft along the target direction of 330.00 deg at a measured depth of 24718.90 ft.  
 Horizontal Displacement is 16599.50 ft along the well bore azimuth of 326.71 deg.  
 The total correction is 11.40 deg relative to True North.

CONFIDENTIAL



COMPANY Fidelity Exploration  
 WELL Cane Creek 8-1  
 FIELD Grand County  
 RIG Stone Well Service 2

# 5 Inch - True Vertical Depth





TO:	<u>PFIEFER, RYAN</u>
FROM:	<u>STROMBERG, STEVEN</u>
REQUESTED ON LOCATION:	<u>22-Mar-2008 08:00 MST</u>
CUSTOMER:	<u>FIDELITY EXPLORATION &amp; PRODUCTION</u>
WELL NAME/NBR/LEASE:	<u>Cane Creek , 8-1 / Cane creek</u>

### TABLE OF CONTENTS:

- Job Site Documents
- Job Summary
- Job Log

**MBU LEADER:** BE SURE THAT YOU HAVE RECEIVED EACH OF THE DOCUMENTS LISTED ABOVE. IF NOT, CONTACT CENTRAL DISPATCH IMMEDIATELY.

**HALLIBURTON**

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**FIDELITY EXPLORATION & PRODUCTION**

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**Cane Creek 8-1**

**Grand County , Utah**

**Plug Service - Whipstock**

**22-Mar-2008**

**Job Site Documents**

The Road to Excellence Starts with Safety

Sold To #: 317997		Ship To #: 2608232		Quote #:		Sales Order #: 5766279							
Customer: FIDELITY EXPLORATION & PRODUCTION				Customer Rep:									
Well Name: Cane Creek			Well #: 8-1		API/UWI #:								
Field:		City (SAP): MOAB		County/Parish: Grand		State: Utah							
Job Purpose: Plug Service - Whipstock													
Well Type: Development Well				Job Type: Plug Service - Whipstock									
Sales Person: SNYDER, RANDALL			Srcv Supervisor: PFIEFER, RYAN			MBU ID Emp #: 391069							
<b>Job Personnel</b>													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #		
DEATON, PAUL David		6.0	436811	NEWMAN, ORRIN T		6.0	370194	PFIEFER, RYAN J		6.0	391069		
<b>Equipment</b>													
HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way			
10243553	200 mile		10251395	200 mile		10784053	200 mile		10948693	200 mile			
<b>Job Hours</b>													
Date	On Location Hours		Operating Hours	Date	On Location Hours		Operating Hours	Date	On Location Hours		Operating Hours		
TOTAL													
<i>Total is the sum of each column separately</i>													
<b>Job</b>					<b>Job Times</b>								
Formation Name			Formation Depth (MD) Top		Bottom		Called Out		Date	Time	Time Zone		
Form Type			BHST				On Location						
Job depth MD			8432. ft		Job Depth TVD		8432. ft		Job Started	22 - Mar - 2008	11:30	MST	
Water Depth			Wk Ht Above Floor		3. ft		Job Completed		22 - Mar - 2008	12:18	MST		
Perforation Depth (MD) From			To		Departed Loc								
<b>Well Data</b>													
Description		New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread		Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
6" Open Hole					6.					7520.	8432.	7520.	8432.
4 3/4 Drill Collars		Unknow n		4.75	2.5	44.			P-110	7815.	8432.	7815.	8432.
<b>Tools and Accessories</b>													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			
<b>Miscellaneous Materials</b>													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
<b>Fluid Data</b>													
<b>Stage/Plug #: 1</b>													
Fluid #	Stage Type		Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	TUNED SPACER	TUNED SPACER - SBM (13256)	10.00	bbl	16.	.0	.0	.0	
	27.5 gal/bbl	FRESH WATER							
	0.7 gal/bbl	MUSOL(R) A, BULK (100003696)							
	406 lbm/bbl	BARITE, BULK (100003681)							
2	Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	160.0	sacks	16.	1.19	4.87		4.87
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	18 %	SALT, 100 LB BAG (100003652)							
	0.2 %	HR-5, 50 LB SK (100005050)							
	0.1 %	HR-25, 50 LB BAG (100003756)							
	4.865 Gal	FRESH WATER							
3	TUNED SPACER	TUNED SPACER - SBM (13256)	01.0	bbl	16.	.0	.0	.0	
	27.5 gal/bbl	FRESH WATER							
	0.7 gal/bbl	MUSOL(R) A, BULK (100003696)							
	406 lbm/bbl	BARITE, BULK (100003681)							
4	Displacement			bbl	16.1			.0	
Calculated Values		Pressures			Volumes				
Displacement		Shut In: instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

*The Road to Excellence Starts with Safety*

Sold To #: 317997	Ship To #: 2608232	Quote #:	Sales Order #: 5766279
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep:	
Well Name: Cane Creek	Well #: 8-1	API/UWI #:	
Field:	City (SAP): MOAB	County/Parish: Grand	State: Utah
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor:	Rig/Platform Name/Num: Stonewall #8		
Job Purpose: Plug Service - Whipstock		Ticket Amount:	
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: SNYDER, RANDALL	Srvc Supervisor: PFIEFER, RYAN	MBU ID Emp #: 391069	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	03/21/2008 01:30							
Depart from Service Center or Other Site	03/21/2008 02:00							
Wait on Customer or Customer Sub-Contractor Equip	03/22/2008 09:00							WAITING ON RIG CREW TO TRIP DP IN HOLE
Arrive At Loc	03/22/2008 09:00							
Pre-Rig Up Safety Meeting	03/22/2008 09:15							
Rig-Up Equipment	03/22/2008 09:30							
Pre-Job Safety Meeting	03/22/2008 11:00							
Pressure Test	03/22/2008 11:30						2500.0	
Circulate Well	03/22/2008 11:35		3	10			1300.0	WELL BAISED FLUID
Pump Spacer	03/22/2008 11:40		2.5	8.5			1100.0	TUNED SPACER MIXED @16#
Pump Cement	03/22/2008 11:45		2.5	34			1100.0	160SKS OF TYPE G WITH 18% SALT 2% HR-5 .1% HR-25 MIXED @ 16#
Pump Displacement	03/22/2008 11:58		2.5	1.5			1200.0	TUNED SPACER MIXED @ 16#
Pump Displacement	03/22/2008 11:59		2.5	48.7			1200.0	WELL BAISED FLUID
End Job	03/22/2008 12:18							PULL 16 STANDS ALL PULLED WET

Sold To #: 317997

Ship To #: 2608232

Quote #:

Sales Order #: 5766279

SUMMIT Version: 7.20.130

Monday, March 24, 2008 09:55:00

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# FIDELITY EXPLORATION & PRODUCTION

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Cane Creek 8-1

Grand County , Utah

**Plug Back**

09-Apr-2008

**Job Site Documents**

# HALLIBURTON

## Field Ticket

<b>Field Ticket Number:</b> 5806602	<b>Field Ticket Date:</b> Wednesday, April 09, 2008
<b>Pager:</b>	<b>Job Name:</b> 6" Plugback
<b>Ship To:</b> FIDELITY EXPLORATION & PRODUCTION Cane Creek, 8-1 2808232 UNKNOWN,	<b>Order Type:</b> Streamline Order (ZOH)
	<b>Well Name:</b> Cane Creek 8-1
	<b>Company Code:</b> 1100
	<b>Customer PO No.:</b> NA
	<b>Shipping Point:</b> Farmington, NM USA 4109E Main
	<b>Sales Office:</b> Rocky Mountains BD
	<b>Well Type:</b>
	<b>Well Category:</b>

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
7530	CMT PLUG BACK BOM	1	JOB	0.00	0.00	0.00	60%	0.00
2	MILEAGE FOR CEMENTING CREW,ZI	450	MI	0.00	5.76	2,592.00	60%	1,036.80
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	450	MI	0.00	9.79	4,405.50	60%	1,762.20
	Number of Units	1						
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI	1	EA	0.00	12,584.00	12,584.00	60%	5,033.60
	DEPTH	8445						
	FEET/METERS (FT/M)		FT					
13256	TUNED SPACER	10	BBL	0.00	293.00	2,930.00	60%	1,172.00
100003696	MUSOL(R) A	5	GAL	0.00	132.18	660.90	60%	264.36
100003681	BARITE	44	SK	0.00	31.07	1,367.08	60%	546.83
100001626	SEM-7	1	GAL	0.00	155.99	155.99	60%	62.40
100003685	CLASS G / PREMIUM	60	SK	0.00	40.42	2,425.20	60%	970.08
100003652	SALT,MORTON-PUREX-FINE	350	LB	0.00	0.44	154.00	60%	61.60
100005050	HR-5	12	LB	0.00	11.07	132.84	60%	53.14
100003756	HR-25S	6	LB	0.00	46.14	276.84	60%	110.74
13256	TUNED SPACER	1	BBL	0.00	293.00	293.00	60%	117.20
100003696	MUSOL(R) A	2	GAL	0.00	132.18	264.36	60%	105.74
100003681	BARITE	4	SK	0.00	31.07	124.28	60%	49.71

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
100001626	SEM-7	1	GAL	0.00	155.99	155.99	60%	62.40
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	225 11.02	MI	0.00	3.35	8,306.33	60%	3,322.53
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	202 1	CF	0.00	5.49	1,108.98	60%	443.59
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	0.00	134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	0.00	83.00	83.00		83.00
17440	CEMENT ANALYSIS OF MIX WATER, /SAMPLE ZI	1	EA	0.00	198.00	198.00	60%	79.20
17441	COMPRESSIVE STRENGTH TEST, /TEST,ZI	1	EA	0.00	870.00	870.00	60%	348.00
17445	FREE WATER TEST,ZI	1	EA	0.00	595.00	595.00	60%	238.00
17446	RHEOLOGY TEST, /TEST,ZI	1	EA	0.00	652.00	652.00	60%	260.80
17447	SETTLING TEST,/TEST,ZI	1	EA	0.00	792.00	792.00	60%	316.80
17450	THICKENING TIME TEST,/TEST,ZI	1	EA	0.00	870.00	870.00	60%	348.00
17451	UCA CEMENT ANALYSIS /TEST, ZI	1	EA	0.00	741.00	741.00	60%	296.40
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	230 5.77	MI	0.00	0.15	199.07		199.07
372867	Cmt PSL - DOT Vehic Charge, CMT	2	EA	0.00	241.00	482.00		482.00
13256	TUNED SPACER	10	BBL	0.00	293.00	2,930.00	60%	1,172.00
100003696	MUSOL(R) A	5	GAL	0.00	132.18	660.90	60%	264.36
100001626	SEM-7	4	GAL	0.00	155.99	623.96	60%	249.58
100003681	BARITE	44	SK	0.00	31.07	1,367.08	60%	546.83
100003685	CLASS G / PREMIUM	60	SK	0.00	40.42	2,425.20	60%	970.08
100003652	SALT,MORTON-PUREX-FINE	350	LB	0.00	0.44	154.00	60%	61.60
100005050	HR-5	11	LB	0.00	11.07	121.77	60%	48.71
100003756	HR-25S	5	LB	0.00	46.14	230.70	60%	92.28
13256	TUNED SPACER	1	BBL	0.00	293.00	293.00	60%	117.20

Field Ticket Number: 5806602

CONFIDENTIAL

Field Ticket Date: Wednesday, April 09, 2008

2 of 3

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
100001626	SEM-7	.1	GAL	0.00	155.99	155.99	60%	62.40
100003681	BARITE	4	SK	0.00	31.07	124.28	60%	49.71
100003696	MUSOL(R) A	3	GAL	0.00	132.18	396.54	60%	158.62
<i>Halliburton Rep:</i> JESS TALLMAN				<b>Totals</b>	<b>USD</b>	<b>53,036.78</b>	<b>31,283.22</b>	<b>21,753.56</b>

*Customer Agent:*  
*Halliburton Approval*

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE.  
CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

X \_\_\_\_\_  
Customer Signature

**FIELD TICKET TOTAL: USD 21,753.56**

The Road to Excellence Starts with Safety

Sold To #: 317997	Ship To #: UNKNOWN	Quote #:	Sales Order #: 5806602
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep:	
Well Name: Cane Creek	Well #: 8-1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Grand	State: Utah
Job Purpose: Plug Back			
Well Type: Development Well		Job Type: Plug Back	
Sales Person: SNYDER, RANDALL		Srvc Supervisor: TALLMAN, JESS	MBU ID Emp #: 122519

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEATON, PAUL David	8.5	436811	HOUSE, JEFFREY Edward	8.5	427132	IGLEHEART, JEFFREY S	8.5	387932
TALLMAN, JESS L	8.5	122519						

Equipment

HES Unit #	Distance-1 way						
10046360	225 mile	10243553	225 mile	10713212	225 mile	10741115	225 mile
10784053	225 mile	10948691	225 mile	78678	225 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4/9/08	8.5	1						
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST	On Location	09 - Apr - 2008	07:30	MST
Job depth MD	8454. ft	Job Depth TVD	Job Started	09 - Apr - 2008	13:16	MST
Water Depth		Wk Ht Above Floor	Job Completed	09 - Apr - 2008	15:02	MST
Perforation Depth (MD) From		To	Departed Loc	09 - Apr - 2008	16:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
6" Open Hole				6.				7520.	8432.	7520.	8432.
2 7/8" Drill Pipe	Unknown		2.875	2.151	10.4		P-110	5400.	8445.	5400.	8445.
3 1/2" Drill Pipe	Unknown		3.5	2.764	13.3		P-110	5400.			5400.

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc %
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
8	Mud Displacement			bbl				.0			
Calculated Values			Pressures			Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad			
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment			
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job			
Rates											
Circulating		Mixing		3		Displacement		3		Avg. Job	3
Cement Left In Pipe		Amount   0 ft	Reason	Shoe Joint							
Frac Ring # 1 @		ID	Frac ring # 2 @		ID	Frac Ring # 3 @		ID	Frac Ring # 4 @		ID
The Information Stated Herein Is Correct					Customer Representative Signature						

The Road to Excellence Starts with Safety

Sold To #: 317997	Ship To #: UNKNOWN	Quote #:	Sales Order #: 5806602
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep:	
Well Name: Cane Creek	Well #: 8-1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Grand	State: Utah
Legal Description:			
Lat:		Long:	
Contractor:		Rig/Platform Name/Num: Stonewall8	
Job Purpose: Plug Back			Ticket Amount:
Well Type: Development Well		Job Type: Plug Back	
Sales Person: SNYDER, RANDALL		Srvc Supervisor: TALLMAN, JESS	MBU ID Emp #: 122519

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/09/2008 01:00							
Depart Yard Safety Meeting	04/09/2008 02:45							
Crew Leave Yard	04/09/2008 03:00							
Arrive at Location from Service Center	04/09/2008 07:30							
Safety Meeting - Assessment of Location	04/09/2008 07:35							
Pre-Rig Up Safety Meeting	04/09/2008 07:45							
Rig-Up Equipment	04/09/2008 07:55							
Pre-Job Safety Meeting	04/09/2008 12:50							
Start Job	04/09/2008 13:16							1st plug 8460' top of plug 8146'
Pressure Test	04/09/2008 13:17					4000. 0		
Pump Spacer 1	04/09/2008 13:19		3	9.1		1100. 0		
Pump Cement	04/09/2008 13:22		3	11		1400. 0		
Pump Spacer 2	04/09/2008 13:26		3	1.8		1200. 0		
Pump Displacement	04/09/2008 13:27		4	52.5		2000. 0		
Unknown Event Number	04/09/2008 13:42							pull up to 7638' set 2nd plug top of plug 7324
Clean Lines	04/09/2008 14:00							
Pump Spacer 1	04/09/2008 14:40		3	9.3		1050. 0		pressure went to 2000 psi @ the start
Pump Cement	04/09/2008 14:42		3	11		1300. 0		

Sold To #: 7.20.130

Ship To #: UNKNOWN

Quote #:

Sales Order #:

5806602

SUMMIT Version: 7.20.130

Wednesday, April 09, 2008 03:28:00

CONFIDENTIAL

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 2	04/09/2008 14:46		3	1.7		1300. 0		
Pump Displacement	04/09/2008 14:46		3	46.6		1266. 0		
End Job	04/09/2008 15:02							rig pulled 4 stands and reverse out

Sold To #: 7.20.130

Ship To #: UNKNOWN

Quote #:

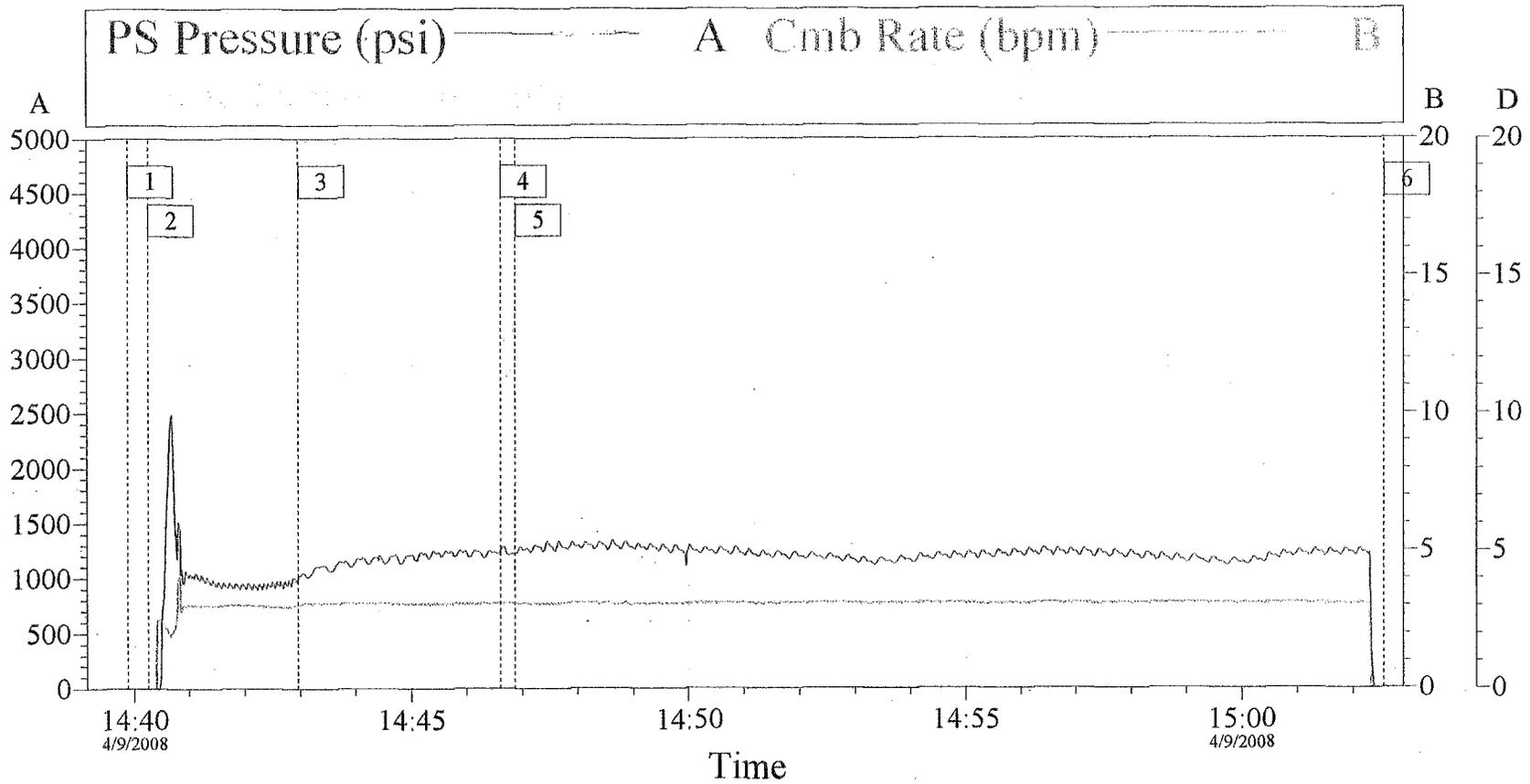
Sales Order #: 5806602

SUMMIT Version: 7.20.130

Wednesday, April 09, 2008 03:28:00

**CONFIDENTIAL**

# 2nd Plug



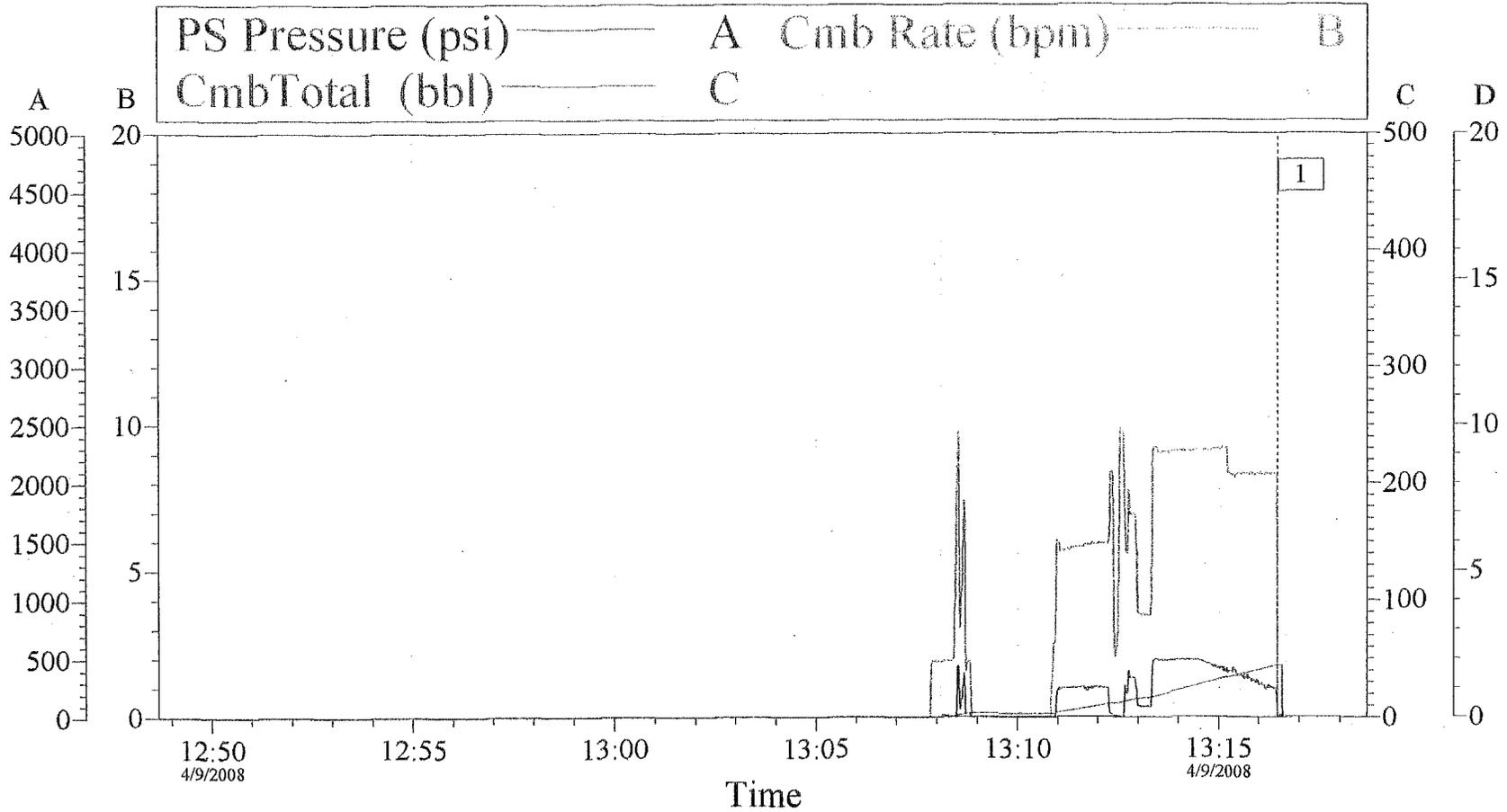
1	Start Job	14:39:53	2	Tuned Spacer	14:40:15	3	Pump Cement	14:42:58
4	Tuned Spacer	14:46:36	5	Pump Displacement	14:46:52	6	End Job	15:02:34

Customer: Fidelity	Job Date: 4/9/08	Ticket #: 5806602
Lease Cane Creek	Well # 8-1	Supervisor Jess Tallman

CemWin v1.7.2  
09-Apr-08 15:13

CONFIDENTIAL

# Plug Back



Event Log	
1	Start Job 13:16:28

Customer: Fidelity	Job Date: 4/9/08	Ticket #: 5806602
Lease Cane Creek	Well # 8-1	Supervisor Jess Tallman

CemWin v1.7.2  
09-Apr-08 15:54

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**FIDELITY EXPLORATION & PRODUCTION**

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Cane Creek 8-1

Grand County , Utah

**Plug Service - Whipstock**

26-Mar-2008

**Cementing  
Post Job Report**

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 317997	Ship To #: 2608232	Quote #:	Sales Order #: 5773187
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep:	
Well Name: Cane Creek	Well #: 8-1	API/UWI #:	
Field:	City (SAP): MOAB	County/Parish: Grand	State: Utah
Job Purpose: Plug Service - Whipstock			
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: SNYDER, RANDALL		Srvc Supervisor: TALLMAN, JESS	MBU ID Emp #: 122519

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEATON, PAUL David	3.5	436811	HOUSE, JEFFREY Edward	3.5	427132	KIDDOO, JUSTIN Lee	3.5	380554
TALLMAN, JESS L	3.5	122519	TYLER, LUTHER	3.5	375283			

### Equipment

HES Unit #	Distance-1 way						
10025104	230 mile	10046360	230 mile	10804563	230 mile	10948691	230 mile
78678	230 mile						

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	25 - Mar - 2008	22:30	MST
Job depth MD	7737. ft		Job Depth TVD	Job Started	26 - Mar - 2008	00:12	MST
Water Depth			Wk Ht Above Floor	Job Completed	26 - Mar - 2008	00:49	MST
Perforation Depth (MD)	From		To	Departed Loc	26 - Mar - 2008	02:00	MST

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
6" Open Hole				6.				7520.	8432.	7520.	8432.
2 7/8" Drill Pipe	Unknown		2.875	2.151	10.4		P-110	5400.	7737.	5400.	7737.
3 1/2" Drill Pipe	Unknown		3.5	2.764	13.3		P-110	5400.		5400.	

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc %
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	<b>TUNED SPACER</b>	<b>TUNED SPACER - SBM (13256)</b>	10.0	bbbl	16.5	.0	.0	.0	
	26.7 gal/bbl	FRESH WATER							
	0.7 gal/bbl	MUSOL(R) A, BULK (100003696)							
	0.5 gal/bbl	PEN-5M, BULK (100064043)							
	0.4 gal/bbl	DUAL SPACER SURFACTANT B, 5 GAL PAIL (100003665)							
	435 lbm/bbl	BARITE, BULK (100003681)							
2	<b>Cement</b>	<b>CMT - PREMIUM - CLASS G, 94 LB SK (100003685)</b>	65.0	sacks	17.	1.04	3.83		3.83
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	18 %	SALT, 100 LB BAG (100003652)							
	0.2 %	HR-5, 50 LB SK (100005050)							
	0.1 %	HR-25, 50 LB BAG (100003756)							
	3.83 Gal	FRESH WATER							
3	<b>TUNED SPACER</b>	<b>TUNED SPACER - SBM (13256)</b>	01.0	bbbl	16.5	.0	.0	.0	
	26.7 gal/bbl	FRESH WATER							
	0.7 gal/bbl	MUSOL(R) A, BULK (100003696)							
	0.5 gal/bbl	PEN-5M, BULK (100064043)							
	0.4 gal/bbl	DUAL SPACER SURFACTANT B, 5 GAL PAIL (100003665)							
	435 lbm/bbl	BARITE, BULK (100003681)							
4	<b>Displacement</b>			bbbl	16.1			.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement		Shut In: Instant			Lost Returns		Cement Slurry		Pad
Top Of Cement		5 Min			Cement Returns		Actual Displacement		Treatment
Frac Gradient		15 Min			Spacers		Load and Breakdown		Total Job
<b>Rates</b>									
Circulating		Mixing			Displacement			Avg. Job	
Cement Left in Pipe		Amount	ft	Reason	Shoe Joint				
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct					Customer Representative Signature				

CONFIDENTIAL

# HALLIBURTON

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 317997	Ship To #: 2608232	Quote #:	Sales Order #: 5773187
Customer: FIDELITY EXPLORATION & PRODUCTION		Customer Rep:	
Well Name: Cane Creek	Well #: 8-1	API/UWI #:	
Field:	City (SAP): MOAB	County/Parish: Grand	State: Utah
Legal Description:			
Lat:		Long:	
Contractor:		Rig/Platform Name/Num: Stonewall8	
Job Purpose: Plug Service - Whipstock			Ticket Amount:
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: SNYDER, RANDALL		Srvc Supervisor: TALLMAN, JESS	MBU ID Emp #: 122519

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Job Safety Meeting	03/25/2008 00:00							
Arrive at Location from Service Center	03/25/2008 22:30							
Pre-Rig Up Safety Meeting	03/25/2008 22:40							
Rig-Up Equipment	03/25/2008 22:45							
Start Job	03/26/2008 00:12							
Pressure Test	03/26/2008 00:12					3500.0		then start mixing cement & check weight with pressureized mud scales
Pump Spacer 1	03/26/2008 00:24		2	9.1		500.0		
Pump Cement	03/26/2008 00:29		3	12		1300.0		
Pump Spacer 2	03/26/2008 00:33		1	1.8		250.0		
Shutdown	03/26/2008 00:35							shut down to get mud
Pump Displacement	03/26/2008 00:37		4	46.5		2000.0		cut displacement from 47 bbl to 46.5 bbl well went on vacume
End Job	03/26/2008 00:49							pulled 6 standes standes pulled wet

Sold To #: 317997

Ship To #: 2608232

Quote #:

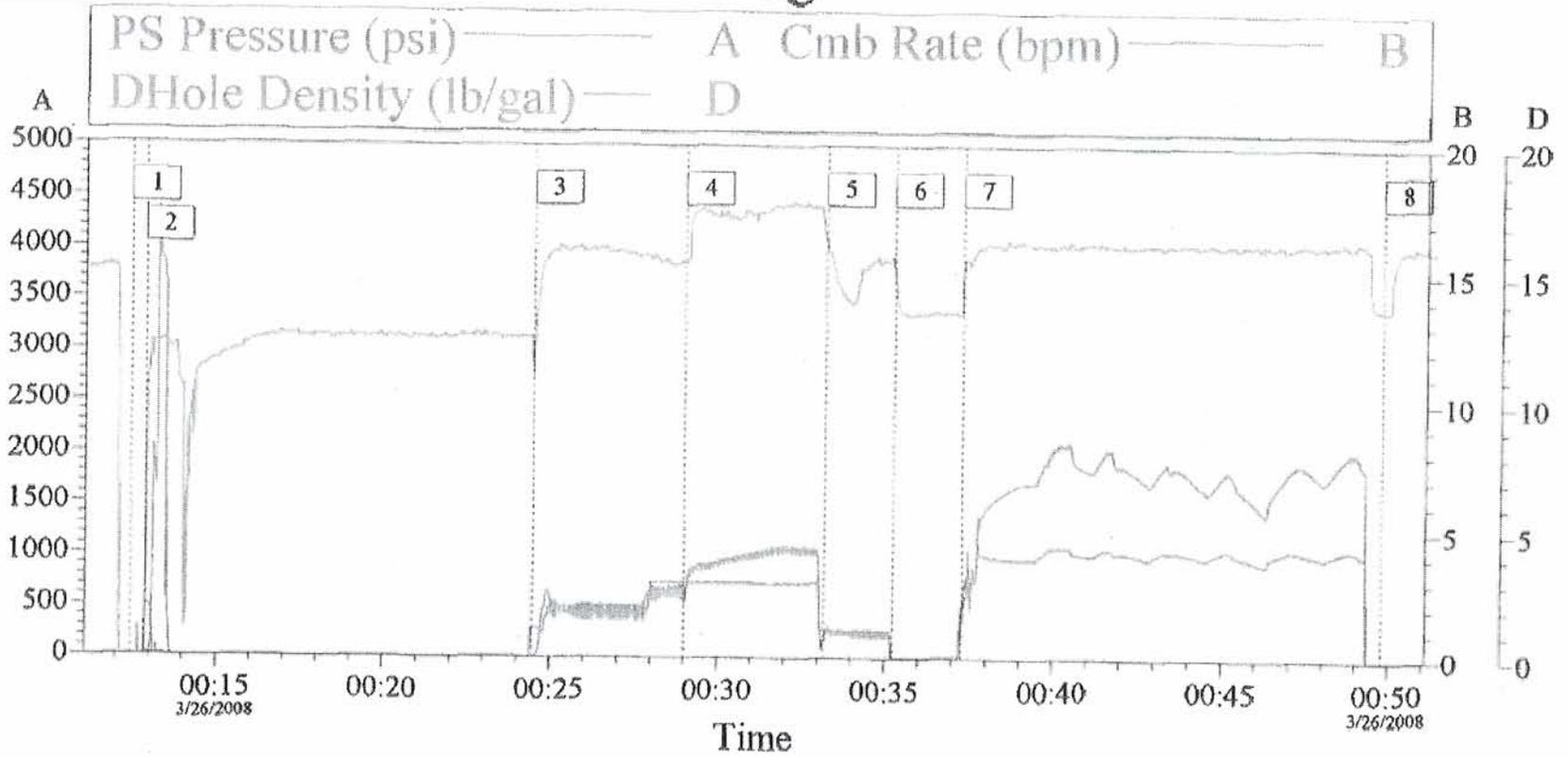
Sales Order #: 5773187

SUMMIT Version: 7.20.130

Thursday, March 27, 2008 11:17:00

CONFIDENTIAL

# Plug



1 Start Job	00:12:28	2 Test Lines	00:12:53	3 Pump Spacer 1	00:24:29
4 Pump Cement	00:29:00	5 Pump Spacer 2	00:33:12	6 Shut Down	00:35:14
7 Pump Displacement	00:37:17	8 End Job	00:49:48		

Customer: Fidelity Exploration & Production Lease Cane Creek	Job Date: 3/25/08 Well # 8-1	Ticket #: 5773187 Supervisor Jess Tallman
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CemWin v1.7.2  
26-Mar-08 01:30

CONFIDENTIAL

Sold To #: 317997  
SUMMIT Version: 7.20.130  
Ship To #: 2608232  
Quote #:   
Thursday, March 27, 2008 11:17:00  
Sales Order #: 5773187

**Fidelity Exploration and Production**  
**Cane Creek 8-1**  
**Sec 8-T26S-R20E**  
**Grand County, Utah**



SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target	
1	0.00	0.00	330.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	7390.80	0.00	330.00	7390.80	0.00	0.00	0.00	330.00	0.00		
3	7688.37	80.34	330.00	7600.00	152.95	-88.31	27.00	-30.00	176.61	T1	
4	7714.71	87.46	330.00	7602.80	175.62	-101.39	27.00	0.00	202.79		
5	8327.53	87.46	330.00	7630.00	705.81	-407.50	0.00	0.00	815.00	T2	
6	8358.66	85.59	330.00	7631.89	732.72	-423.04	6.00	180.00	846.08		
7	8854.05	85.59	330.00	7670.00	1160.47	-670.00	0.00	0.00	1340.00	T3	
8	8956.18	91.72	330.00	7672.40	1248.85	-721.03	6.00	0.00	1442.05		
9	9704.47	91.72	330.00	7650.00	1896.60	-1095.00	0.00	0.00	2190.00	T4	

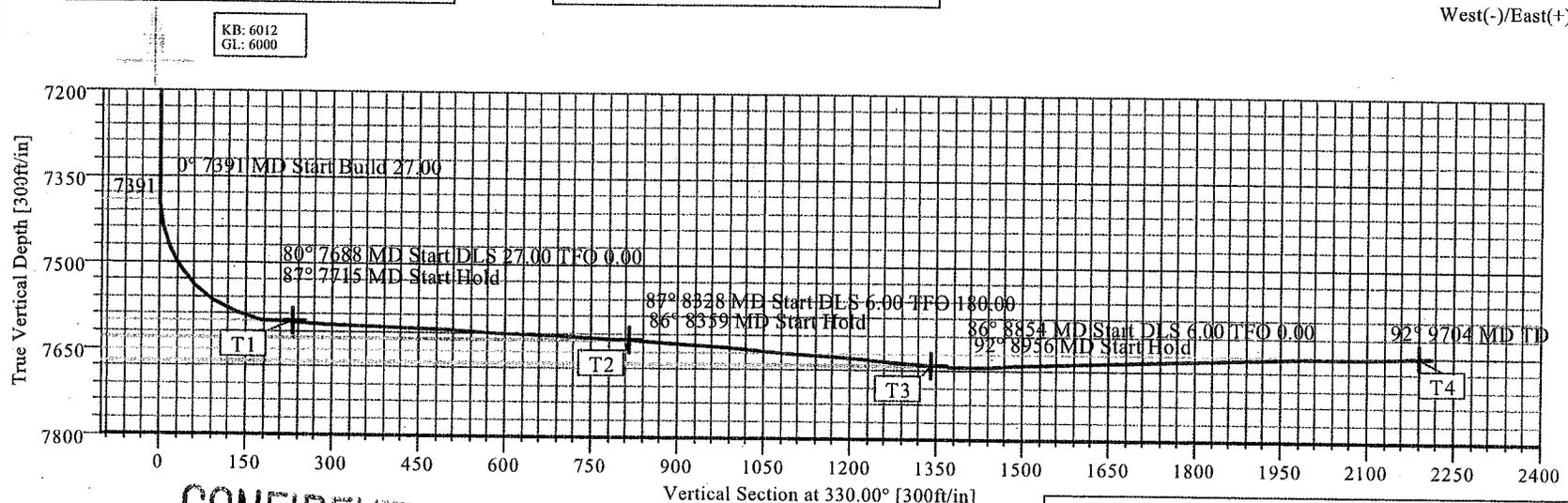
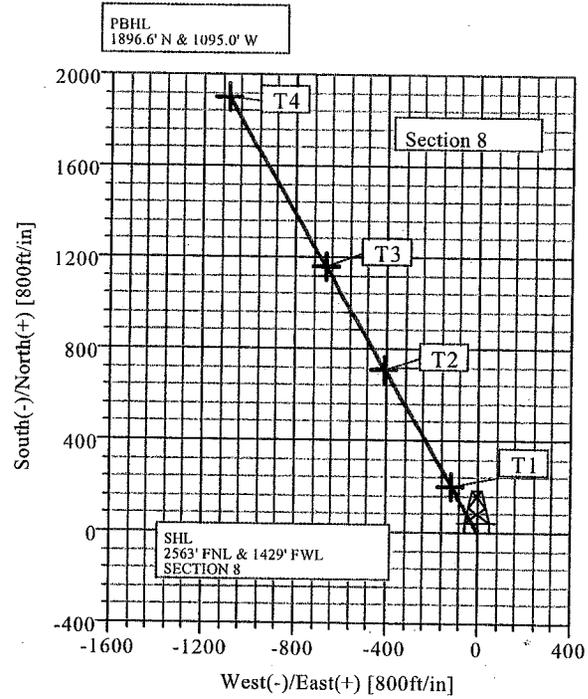
WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Cane Creek 8-1	0.00	0.00	692693.10	2503285.12	38°33'21.560N	109°44'24.430W	N/A

**SITE DETAILS**  
 Sec 8-T26S-R20E  
 Site Centre Latitude: 38°33'21.560N  
 Longitude: 109°44'24.430W  
 Ground Level: 6000.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.08

**FIELD DETAILS**  
 Grand County, Utah  
 Geodetic System: US State Plane Coordinate System 1927  
 Ellipsoid: NAD27 (Clarke 1866)  
 Zone: Utah, Southern Zone  
 Magnetic Model: bggm2007  
 System Datum: Mean Sea Level  
 Local North: True North

TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
T1	7600.00	199.19	-115.00	Point
T2	7630.00	705.81	-407.50	Point
T4	7650.00	1896.60	-1095.00	Point
T3	7670.00	1160.47	-670.00	Point

**Diagram:** Shows True (T) and Magnetic (M) North directions.  
 Azimuths to True North: Magnetic North: 11.40°  
 Magnetic Field Strength: 51853nT  
 Dip Angle: 64.71°  
 Date: 2/27/2008  
 Model: bggm2007



**CONFIDENTIAL**



Client : Fidelity Exploration and Production  
Well : Cane Creek-8-1  
Location : Grand County, Utah  
License :

Page: 1  
Date : 4/8/2008  
File : 4013762

UWI #:

**Vertical Section Calculated Along Azimuth 330.00°**  
**KB Elevation = 6017.00ft GR. Elevation = 6000.00ft**

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
0	7331.00	5.02	192.94	7318.93	54.27	177.50	-41.75	0.00	0.00	0.00
1	7381.00	4.50	204.82	7368.76	50.36	176.19	-44.48	2.22	-1.04	23.76
2	7392.00	3.90	227.14	7379.73	49.71	175.73	-44.81	15.71	-5.45	202.91
3	7404.00	5.40	272.12	7391.69	49.45	174.87	-44.60	31.79	12.50	374.83
4	7439.00	17.42	304.33	7425.96	52.48	168.87	-38.98	37.60	34.34	92.03
5	7470.00	28.52	312.28	7454.47	60.10	159.53	-27.71	37.10	35.81	25.65
6	7490.00	35.60	312.40	7471.41	67.25	151.69	-17.60	35.40	35.40	0.60
7	7534.00	47.93	308.77	7504.17	86.19	129.41	9.94	28.55	28.02	-8.25
8	7566.00	56.58	312.48	7523.74	102.68	110.26	33.79	28.54	27.03	11.59
9	7580.00	59.42	316.83	7531.16	111.03	101.82	45.24	33.25	20.29	31.07
10	7612.00	67.97	322.29	7545.34	132.86	83.28	73.42	30.77	26.72	17.06
11	7643.00	70.10	324.02	7556.43	156.02	65.93	102.16	8.62	6.87	5.58
12	7674.00	72.60	324.52	7566.34	179.87	48.78	131.38	8.21	8.06	1.61
13	7706.00	75.81	324.33	7575.05	204.91	30.86	162.02	10.05	10.03	-0.59
14	7738.00	77.81	324.37	7582.35	230.22	12.71	193.03	6.25	6.25	0.13
15	7769.00	78.46	324.54	7588.73	254.91	-4.93	223.22	2.16	2.10	0.55
16	7801.00	79.14	324.03	7594.94	280.40	-23.25	254.46	2.64	2.12	-1.59
17	7833.00	79.73	324.24	7600.81	305.89	-41.68	285.75	1.95	1.84	0.66
18	7864.00	78.33	324.61	7606.71	330.64	-59.39	316.04	4.67	-4.52	1.19
19	7896.00	76.87	325.34	7613.58	356.23	-77.33	347.17	5.08	-4.56	2.28
20	7927.00	75.40	325.67	7621.01	381.04	-94.37	377.17	4.85	-4.74	1.06
21	7958.00	75.16	326.26	7628.89	405.88	-111.15	407.08	2.00	-0.77	1.90
22	7990.00	75.80	326.03	7636.91	431.61	-128.41	437.99	2.12	2.00	-0.72
23	8022.00	76.41	326.22	7644.59	457.40	-145.72	468.98	1.99	1.91	0.59
24	8053.00	75.82	326.36	7652.03	482.43	-162.43	499.01	1.95	-1.90	0.45
25	8085.00	73.99	327.05	7660.37	508.26	-179.39	529.86	6.09	-5.72	2.16
26	8116.00	72.61	327.49	7669.27	533.23	-195.44	559.51	4.65	-4.45	1.42
27	8148.00	71.17	327.77	7679.22	558.92	-211.72	589.90	4.58	-4.50	0.87
28	8180.00	71.21	327.27	7689.54	584.47	-227.99	620.16	1.48	0.12	-1.56
29	8212.00	71.81	327.12	7699.69	609.98	-244.43	650.48	1.93	1.88	-0.47
30	8244.00	72.66	327.54	7709.45	635.63	-260.88	680.92	2.94	2.66	1.31
31	8276.00	74.57	327.14	7718.48	661.48	-277.45	711.58	6.09	5.97	-1.25
32	8307.00	76.76	326.79	7726.15	686.66	-293.82	741.57	7.15	7.06	-1.13
33	8338.00	75.23	326.03	7733.65	711.71	-310.46	771.59	5.48	-4.94	-2.45



Client : Fidelity Exploration and Production  
Well : Cane Creek 8-1  
Location : Grand County, Utah  
License :

Page: 2  
Date : 4/8/2008  
File : 4013762

UWI #:

**Vertical Section Calculated Along Azimuth 330.00°**

**KB Elevation = 6017.00ft GR. Elevation = 6000.00ft**

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
34	8370.00	75.17	326.24	7741.83	737.40	-327.70	802.46	0.66	-0.19	0.66
<b>projection to bit</b>										
EXT	8422.00	75.51	326.24	7754.99	779.23	-355.66	852.66	0.65	0.65	0.00

**Bottom Hole Closure 856.55ft Along Azimuth 335.47°**



Client : Fidelity Exploration and Production  
 Well : Cane Creek 8-1 Sidetrack  
 Location : Grand County, Utah  
 Formation: 7575  
 Dip Azi : 325.82  
 License :

Page: 1  
 Date : 4/8/2008  
 File : 4013762

Dip Inc : 80.2  
 UWI #:

Vertical Section Calculated Along Azimuth 330.00°  
 KB Elevation = 6017.00ft

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
0	7331.00	5.02	192.94	7318.93	54.27	177.50	-41.75	0.00	0.00	0.00
1	7381.00	4.50	204.82	7368.76	50.36	176.19	-44.48	2.22	-1.04	23.76
2	7392.00	3.90	227.14	7379.73	49.71	175.73	-44.81	15.71	-5.45	202.91
3	7404.00	5.40	272.12	7391.69	49.45	174.87	-44.60	31.79	12.50	374.83
4	7439.00	17.42	304.33	7425.96	52.48	168.87	-38.98	37.60	34.34	92.03
5	7470.00	28.52	312.28	7454.47	60.10	159.53	-27.71	37.10	35.81	25.65
6	7490.00	35.60	312.40	7471.41	67.25	151.69	-17.60	35.40	35.40	0.60
7	7534.00	47.93	308.77	7504.17	86.19	129.41	9.94	28.55	28.02	-8.25
8	7566.00	56.58	312.48	7523.74	102.68	110.26	33.79	28.54	27.03	11.59
9	7580.00	57.37	315.39	7531.37	110.82	101.81	45.07	18.32	5.64	20.79
10	7612.00	56.84	319.75	7548.76	130.65	83.69	71.30	11.56	-1.66	13.63
11	7643.00	57.69	322.69	7565.52	150.97	67.36	97.07	8.44	2.74	9.48
12	7675.00	58.70	323.57	7582.39	172.73	51.04	124.07	3.93	3.16	2.75
13	7707.00	62.51	323.74	7598.09	195.18	34.52	151.77	11.92	11.91	0.53
14	7738.00	65.27	322.97	7611.73	217.51	17.91	179.42	9.18	8.90	-2.48
15	7770.00	67.05	323.33	7624.67	240.93	0.36	208.48	5.66	5.56	1.13
16	7802.00	67.93	323.51	7636.92	264.67	-17.26	237.84	2.80	2.75	0.56
17	7865.00	69.53	324.03	7659.77	312.03	-51.96	296.20	2.65	2.54	0.83
18	7896.00	71.04	324.12	7670.23	335.66	-69.08	325.23	4.88	4.87	0.29
19	7928.00	70.20	324.43	7680.85	360.17	-86.70	355.27	2.78	-2.62	0.97
20	7959.00	70.67	324.40	7691.23	383.92	-103.70	384.34	1.52	1.52	-0.10
21	7990.00	71.82	324.94	7701.20	407.87	-120.68	413.56	4.06	3.71	1.74
22	8022.00	70.56	325.28	7711.51	432.72	-138.00	443.74	4.06	-3.94	1.06
23	8054.00	69.20	325.82	7722.52	457.49	-155.00	473.70	4.54	-4.25	1.69
24	8085.00	69.41	326.25	7733.48	481.54	-171.20	502.63	1.46	0.68	1.39
25	8117.00	70.44	326.51	7744.46	506.57	-187.84	532.63	3.31	3.22	0.81
26	8149.00	71.23	326.42	7754.97	531.77	-204.54	562.79	2.48	2.47	-0.28
27	8182.00	72.47	326.82	7765.25	557.95	-221.79	594.10	3.93	3.76	1.21
28	8213.00	73.02	326.65	7774.44	582.71	-238.03	623.65	1.85	1.77	-0.55
29	8245.00	73.49	326.88	7783.66	608.34	-254.83	654.25	1.62	1.47	0.72
30	8276.00	74.34	326.64	7792.25	633.25	-271.15	683.99	2.84	2.74	-0.77
31	8308.00	77.77	326.22	7799.96	659.12	-288.32	714.98	10.79	10.72	-1.31



Client : Fidelity Exploration and Production  
 Well : Cane Creek 8-1 Sidetrack  
 Location : Grand County, Utah  
 Formation: 7575  
 Dip Azi : 325.82  
 License :

Page: 2  
 Date : 4/8/2008  
 File : 4013762

Dip Inc : 80.2

UWI #:

**Vertical Section Calculated Along Azimuth 330.00°  
 KB Elevation = 6017.00ft**

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
32	8339.00	80.20	324.58	7805.88	684.16	-305.60	745.31	9.40	7.84	-5.29
33	8371.00	81.12	324.39	7811.08	709.87	-323.95	776.73	2.93	2.88	-0.59
34	8402.00	81.87	324.25	7815.66	734.77	-341.83	807.24	2.46	2.42	-0.45
35	8434.00	82.57	324.40	7819.99	760.52	-360.32	838.79	2.24	2.19	0.47
<b>PROJECTION TO BIT</b>										
EXT	8486.00	83.71	324.64	7826.20	802.57	-390.28	890.18	2.24	2.19	0.47

**Bottom Hole Closure 892.43ft Along Azimuth 334.07°**



<b>Company:</b> Fidelity Exploration	<b>Operator:</b> Ken Langley
<b>Lease / Well:</b> Cane Creek 8-1	<b>Comments:</b>
<b>County/Parish:</b> Grand County	<b>Probe Serial #:</b>
<b>State:</b> Utah	<b>Proposed Direction:</b> 324
<b>Date:</b> 4/8/2008	<b>Mag. Declination:</b> 11.04
	<b>Comments:</b>

TIE-IN Survey					
Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Coordinates	
				(+N/-S)	(+E/-W)
7331	5.02	192.94	7318.93	54.27	177.50

Digital Multi-Shot Survey Report									
Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Vertical Section	Coordinates		Dog-Leg / 100 ft.	Closure Distance	Closure Direction
					(+N/-S)	(+E/-W)			
7364	32.10	313.84	7350.32	-52.50	59.09	170.64	105.81	180.58	70.90°
7427	51.40	312.14	7397.10	-11.54	87.47	140.02	30.69	165.09	58.01°
7490	56.90	321.64	7434.04	39.03	124.76	105.31	15.01	163.27	40.17°
7553	58.50	325.44	7467.71	92.27	167.59	73.69	5.70	183.07	23.74°
7616	65.70	325.34	7497.17	147.89	213.38	42.08	11.43	217.49	11.16°
7679	67.70	325.64	7522.09	205.73	261.06	9.30	3.20	261.22	2.04°
7742	69.70	326.14	7544.98	264.39	309.65	-23.61	3.26	310.55	355.64°
7805	70.40	327.34	7566.47	323.54	359.17	-56.08	2.11	363.52	351.12°
7868	71.60	327.34	7586.98	383.01	409.32	-88.23	1.90	418.72	347.84°
7931	69.30	330.14	7608.07	442.16	460.05	-119.04	5.56	475.21	345.49°
7994	70.40	329.14	7629.77	501.02	511.08	-148.93	2.30	532.34	343.75°
8057	72.30	328.24	7649.91	560.51	562.08	-179.95	3.31	590.18	342.25°
8120	73.40	327.44	7668.49	620.57	613.04	-212.00	2.13	648.66	340.92°
8183	77.10	326.54	7684.53	681.40	664.12	-245.19	6.03	707.93	339.74°
8246	80.90	323.84	7696.55	743.21	714.87	-280.49	7.35	767.93	338.58°
8309	82.40	323.74	7705.70	805.54	765.16	-317.31	2.39	828.35	337.48°

CONFIDENTIAL



Client : Fidelity Exploration and Production  
 Well : Cane Creek 8-1 Sidetrack  
 Location : Grand County, Utah  
 Formation: 7575  
 Dip Azi : 325.82  
 License :

Page: 1  
 Date: 4/8/2008  
 File : 4013762

Dip Inc : 80.2

UWI #:

Vertical Section Calculated Along Azimuth 330.00°

KB Elevation = 6017.00ft

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
0	7331.00	5.02	192.94	7318.93	54.27	177.50	-41.75	0.00	0.00	0.00
1	7381.00	4.50	204.82	7368.76	50.36	176.19	-44.48	2.22	-1.04	23.76
2	7392.00	3.90	227.14	7379.73	49.71	175.73	-44.81	15.71	-5.45	202.91
3	7404.00	5.40	272.12	7391.69	49.45	174.87	-44.60	31.79	12.50	374.83
4	7439.00	17.42	304.33	7425.96	52.48	168.87	-38.98	37.60	34.34	92.03
5	7470.00	28.52	312.28	7454.47	60.10	159.53	-27.71	37.10	35.81	25.65
6	7490.00	35.60	312.40	7471.41	67.25	151.69	-17.60	35.40	35.40	0.60
7	7534.00	47.93	308.77	7504.17	86.19	129.41	9.94	28.55	28.02	-8.25
8	7566.00	56.58	312.48	7523.74	102.68	110.26	33.79	28.54	27.03	11.59
9	7580.00	57.37	315.39	7531.37	110.82	101.81	45.07	18.32	5.64	20.79
10	7612.00	56.84	319.75	7548.76	130.65	83.69	71.30	11.56	-1.66	13.63
11	7643.00	57.69	322.69	7565.52	150.97	67.36	97.07	8.44	2.74	9.48
12	7675.00	58.70	323.57	7582.39	172.73	51.04	124.07	3.93	3.16	2.75
13	7707.00	62.51	323.74	7598.09	195.18	34.52	151.77	11.92	11.91	0.53
14	7738.00	65.27	322.97	7611.73	217.51	17.91	179.42	9.18	8.90	-2.48
15	7770.00	67.05	323.33	7624.67	240.93	0.36	208.48	5.66	5.56	1.13
16	7802.00	67.93	323.51	7636.92	264.67	-17.26	237.84	2.80	2.75	0.56
17	7865.00	69.53	324.03	7659.77	312.03	-51.96	296.20	2.65	2.54	0.83
18	7896.00	71.04	324.12	7670.23	335.66	-69.08	325.23	4.88	4.87	0.29
19	7928.00	70.20	324.43	7680.85	360.17	-86.70	355.27	2.78	-2.62	0.97
20	7959.00	70.67	324.40	7691.23	383.92	-103.70	384.34	1.52	1.52	-0.10
21	7990.00	71.82	324.94	7701.20	407.87	-120.68	413.56	4.06	3.71	1.74
22	8022.00	70.56	325.28	7711.51	432.72	-138.00	443.74	4.06	-3.94	1.06
23	8054.00	69.20	325.82	7722.52	457.49	-155.00	473.70	4.54	-4.25	1.69
24	8085.00	69.41	326.25	7733.48	481.54	-171.20	502.63	1.46	0.68	1.39
25	8117.00	70.44	326.51	7744.46	506.57	-187.84	532.63	3.31	3.22	0.81
26	8149.00	71.23	326.42	7754.97	531.77	-204.54	562.79	2.48	2.47	-0.28
27	8182.00	72.47	326.82	7765.25	557.95	-221.79	594.10	3.93	3.76	1.21
28	8213.00	73.02	326.65	7774.44	582.71	-238.03	623.65	1.85	1.77	-0.55
29	8245.00	73.49	326.88	7783.66	608.34	-254.83	654.25	1.62	1.47	0.72
30	8276.00	74.34	326.64	7792.25	633.25	-271.15	683.99	2.84	2.74	-0.77
31	8308.00	77.77	326.22	7799.96	659.12	-288.32	714.98	10.79	10.72	-1.31



**Weatherford**

Client : Fidelity Exploration and Production  
 Well : Cane Creek 8-1 Sidetrack  
 Location : Grand County, Utah  
 Formation: 7575  
 Dip Azi : 325.82  
 License :

Page: 2  
 Date : 4/8/2008  
 File : 4013762

Dip Inc : 80.2

UWI #:

**Vertical Section Calculated Along Azimuth 330.00°**

**KB Elevation = 6017.00ft**

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
32	8339.00	80.20	324.58	7805.88	684.16	-305.60	745.31	9.40	7.84	-5.29
33	8371.00	81.12	324.39	7811.08	709.87	-323.95	776.73	2.93	2.88	-0.59
34	8402.00	81.87	324.25	7815.66	734.77	-341.83	807.24	2.46	2.42	-0.45
35	8434.00	82.57	324.40	7819.99	760.52	-360.32	838.79	2.24	2.19	0.47
<b>PROJECTION TO BIT</b>										
EXT	8486.00	83.71	324.64	7826.20	802.57	-390.28	890.18	2.24	2.19	0.47

**Bottom Hole Closure 892.43ft Along Azimuth 334.07°**



Directional Services

Job Number: 083217501224  
 Company: Fidelity Exploration & Production Company  
 Lease/Well: Cane Creek 8-1  
 Location: Grand County, Utah  
 Rig Name: Stone #8  
 RKB:   
 G.L. or M.S.L.:

State/Country: Utah/USA  
 Declination: 11.04°  
 Grid: East To Grid  
 File name: F:\SURVEY\2008SU-1\FIDELITY\CANE81.SVY  
 Date/Time: 09-Apr-08 / 11:15  
 Curve Name: 7364' - 8309' M.D. (Magnetic)

We hereby certify that our survey data from  
~~7,364~~ MD to ~~8,309~~ MD is, to the best of  
 our knowledge a true and accurate account of  
 the well bore.  
*Dana Ruttle* 4/9/08  
 Multi-Shot Date

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 324.00  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
<b>Tie-In Information Provided By Operator</b>									
7331.00	5.02	192.94	7318.93	54.27	177.50	-60.43	185.61	73.00	.00
7364.00	32.10	313.84	7350.32	59.09	170.64	-52.50	180.58	70.90	105.81
7427.00	51.40	312.14	7397.10	87.47	140.02	-11.54	165.09	58.01	30.69
7490.00	56.90	321.64	7434.04	124.76	105.31	39.03	163.27	40.17	15.01
7553.00	58.50	325.44	7467.71	167.59	73.69	92.27	183.07	23.74	5.70
7616.00	65.70	325.34	7497.17	213.38	42.08	147.89	217.49	11.16	11.43
7679.00	67.70	325.64	7522.09	261.06	9.30	205.73	261.22	2.04	3.20
7742.00	69.70	326.14	7544.98	309.65	-23.61	264.39	310.55	355.64	3.26
7805.00	70.40	327.34	7566.47	359.17	-56.08	323.54	363.52	351.12	2.11
7868.00	71.60	327.34	7586.98	409.32	-88.23	383.01	418.72	347.84	1.90

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7931.00	69.30	330.14	7608.07	460.05	-119.04	442.16	475.21	345.49	5.56
7994.00	70.40	329.14	7629.77	511.08	-148.93	501.02	532.34	343.75	2.30
8057.00	72.30	328.24	7649.91	562.08	-179.95	560.51	590.18	342.25	3.31
8120.00	73.40	327.44	7668.49	613.04	-212.00	620.57	648.66	340.92	2.13
8183.00	77.10	326.54	7684.53	664.12	-245.19	681.40	707.93	339.74	6.03
8246.00	80.90	323.84	7696.55	714.87	-280.49	743.21	767.93	338.58	7.35
<b>Last Survey Depth Recorded</b>									
8309.00	82.40	323.74	7705.70	765.16	-317.31	805.54	828.35	337.48	2.39

CONFIDENTIAL



Directional Services

Job Number: 083217501224  
 Company: Fidelity Exploration & Production Company  
 Lease/Well: Cane Creek 8-1  
 Location: Grand County, Utah  
 Rig Name: Stone #8  
 RKB:   
 G.L. or M.S.L.:

State/Country: Utah/USA  
 Declination: 11.04°  
 Grid: East To Grid  
 File name: F:\SURVEY\2008SU~1\FIDELITY\CANE81.SVY  
 Date/Time: 09-Apr-08 / 11:15  
 Curve Name: 7364' - 8309' M.D. (Magnetic)

43 019 31449

265 20E 8

RECEIVED

APR 14 2008

DIV. OF OIL, GAS & MINING

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane 324.00  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from  
~~7,364'~~ MD to 8,309' MD is, to the best of  
 our knowledge a true and accurate account of  
 the well bore.  
 Dana Ruttle 4/19/08  
 Multi-Shot Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
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Tie-in Information Provided By Operator

7331.00	5.02	192.94	7318.93	54.27	177.50	-60.43	185.61	73.00	.00
7364.00	32.10	313.84	7350.32	59.09	170.64	-52.50	180.58	70.90	105.81
7427.00	51.40	312.14	7397.10	87.47	140.02	-11.54	165.09	58.01	30.69
7490.00	56.90	321.64	7434.04	124.76	105.31	39.03	163.27	40.17	15.01
7553.00	58.50	325.44	7467.71	167.59	73.69	92.27	183.07	23.74	5.70
7616.00	65.70	325.34	7497.17	213.38	42.08	147.89	217.49	11.16	11.43
7679.00	67.70	325.64	7522.09	261.06	9.30	205.73	261.22	2.04	3.20
7742.00	69.70	326.14	7544.98	309.65	-23.61	264.39	310.55	355.64	3.26
7805.00	70.40	327.34	7566.47	359.17	-56.08	323.54	363.52	351.12	2.11
7868.00	71.60	327.34	7586.98	409.32	-88.23	383.01	418.72	347.84	1.90

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7931.00	69.30	330.14	7608.07	460.05	-119.04	442.16	475.21	345.49	5.56
7994.00	70.40	329.14	7629.77	511.08	-148.93	501.02	532.34	343.75	2.30
8057.00	72.30	328.24	7649.91	562.08	-179.95	560.51	590.18	342.25	3.31
8120.00	73.40	327.44	7668.49	613.04	-212.00	620.57	648.66	340.92	2.13
8183.00	77.10	326.54	7684.53	664.12	-245.19	681.40	707.93	339.74	6.03
8246.00	80.90	323.84	7696.55	714.87	-280.49	743.21	767.93	338.58	7.35
<b>Last Survey Depth Recorded</b>									
8309.00	82.40	323.74	7705.70	765.16	-317.31	805.54	828.35	337.48	2.39

CONFIDENTIAL



Weatherford

Client : Fidelity Exploration and Production  
 Well : Cane Creek 8-1 Sidetrack  
 Location : Grand County, Utah  
 Formation : 7575  
 Dip Azi : 325.82  
 License :

Page: 1  
 Date: 4/8/2008  
 File : 4013762

Dip Inc : 80.2

UWI #:

Vertical Section Calculated Along Azimuth 330.00°

KB Elevation = 6017.00ft

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
0	7331.00	5.02	192.94	7318.93	54.27	177.50	-41.75	0.00	0.00	0.00
1	7381.00	4.50	204.82	7368.76	50.36	176.19	-44.48	2.22	-1.04	23.76
2	7392.00	3.90	227.14	7379.73	49.71	175.73	-44.81	15.71	-5.45	202.91
3	7404.00	5.40	272.12	7391.69	49.45	174.87	-44.60	31.79	12.50	374.83
4	7439.00	17.42	304.33	7425.96	52.48	168.87	-38.98	37.60	34.34	92.03
5	7470.00	28.52	312.28	7454.47	60.10	159.53	-27.71	37.10	35.81	25.65
6	7490.00	35.60	312.40	7471.41	67.25	151.69	-17.60	35.40	35.40	0.60
7	7534.00	47.93	308.77	7504.17	86.19	129.41	9.94	28.55	28.02	-8.25
8	7566.00	56.58	312.48	7523.74	102.68	110.26	33.79	28.54	27.03	11.59
9	7580.00	57.37	315.39	7531.37	110.82	101.81	45.07	18.32	5.64	20.79
10	7612.00	56.84	319.75	7548.76	130.65	83.69	71.30	11.56	-1.66	13.63
11	7643.00	57.69	322.69	7565.52	150.97	67.36	97.07	8.44	2.74	9.48
12	7675.00	58.70	323.57	7582.39	172.73	51.04	124.07	3.93	3.16	2.75
13	7707.00	62.51	323.74	7598.09	195.18	34.52	151.77	11.92	11.91	0.53
14	7738.00	65.27	322.97	7611.73	217.51	17.91	179.42	9.18	8.90	-2.48
15	7770.00	67.05	323.33	7624.67	240.93	0.36	208.48	5.66	5.56	1.13
16	7802.00	67.93	323.51	7636.92	264.67	-17.26	237.84	2.80	2.75	0.56
17	7865.00	69.53	324.03	7659.77	312.03	-51.96	296.20	2.65	2.54	0.83
18	7896.00	71.04	324.12	7670.23	335.66	-69.08	325.23	4.88	4.87	0.29
19	7928.00	70.20	324.43	7680.85	360.17	-86.70	355.27	2.78	-2.62	0.97
20	7959.00	70.67	324.40	7691.23	383.92	-103.70	384.34	1.52	1.52	-0.10
21	7990.00	71.82	324.94	7701.20	407.87	-120.68	413.56	4.06	3.71	1.74
22	8022.00	70.56	325.28	7711.51	432.72	-138.00	443.74	4.06	-3.94	1.06
23	8054.00	69.20	325.82	7722.52	457.49	-155.00	473.70	4.54	-4.25	1.69
24	8085.00	69.41	326.25	7733.48	481.54	-171.20	502.63	1.46	0.68	1.39
25	8117.00	70.44	326.51	7744.46	506.57	-187.84	532.63	3.31	3.22	0.81
26	8149.00	71.23	326.42	7754.97	531.77	-204.54	562.79	2.48	2.47	-0.28
27	8182.00	72.47	326.82	7765.25	557.95	-221.79	594.10	3.93	3.76	1.21
28	8213.00	73.02	326.65	7774.44	582.71	-238.03	623.65	1.85	1.77	-0.55
29	8245.00	73.49	326.88	7783.66	608.34	-254.83	654.25	1.62	1.47	0.72
30	8276.00	74.34	326.64	7792.25	633.25	-271.15	683.99	2.84	2.74	-0.77
31	8308.00	77.77	326.22	7799.96	659.12	-288.32	714.98	10.79	10.72	-1.31



Client : Fidelity Exploration and Production  
 Well : Cane Creek 8-1 Sidetrack  
 Location : Grand County, Utah  
 Formation: 7575  
 Dip Azi : 325.82  
 License :

Page: 2  
 Date : 4/8/2008  
 File : 4013762

Dip Inc : 80.2

UWI #:

**Vertical Section Calculated Along Azimuth 330.00°**

**KB Elevation = 6017.00ft**

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
32	8339.00	80.20	324.58	7805.88	684.16	-305.60	745.31	9.40	7.84	-5.29
33	8371.00	81.12	324.39	7811.08	709.87	-323.95	776.73	2.93	2.88	-0.59
34	8402.00	81.87	324.25	7815.66	734.77	-341.83	807.24	2.46	2.42	-0.45
35	8434.00	82.57	324.40	7819.99	760.52	-360.32	838.79	2.24	2.19	0.47
<b>PROJECTION TO BIT</b>										
EXT	8486.00	83.71	324.64	7826.20	802.57	-390.28	890.18	2.24	2.19	0.47

**Bottom Hole Closure 892.43ft Along Azimuth 334.07°**

# SURVEY

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Survey Calculation Method: **Minimum Curvature**

Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	330.00 deg	51853 nT	64.71 deg	11.40 deg	0.00 deg	11.40 deg
Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	7331.00 ft	5.02 deg	192.94 deg	7318.93 ft	54.27 ft	177.50 ft

Time	Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head			Dogleg (deg/100ft)
					NS (ft)	EW (ft)	Vsect (ft)	
03/11/08 06:04:51	7381.00	4.50	204.82	7368.76	50.36	176.19	-44.48	2.22
03/11/08 06:05:35	7392.00	3.90	227.14	7379.73	49.71	175.73	-44.81	15.71
03/11/08 06:06:05	7404.00	5.40	272.12	7391.69	49.45	174.87	-44.60	31.79
03/13/08 09:01:35	7439.00	17.42	304.33	7425.96	52.48	168.87	-38.98	37.61
03/13/08 14:29:00	7470.00	28.52	312.28	7454.47	60.11	159.53	-27.71	37.11
03/13/08 18:19:07	7502.00	38.36	312.49	7481.14	71.98	146.52	-10.92	30.73
03/13/08 23:53:31	7534.00	47.93	308.77	7504.46	86.16	129.90	9.67	30.95
03/14/08 04:02:44	7565.00	56.58	312.48	7523.42	102.14	111.34	32.78	29.45
03/16/08 07:31:59	7580.00	59.42	316.83	7531.37	111.08	102.30	45.04	31.03
03/16/08 11:09:08	7612.00	67.97	322.29	7545.55	132.91	83.76	73.22	30.75
03/16/08 14:14:47	7643.00	70.10	324.02	7556.64	156.08	66.41	101.96	8.64
03/16/08 18:50:50	7674.00	72.60	324.52	7566.55	179.92	49.26	131.19	8.21
03/17/08 02:39:41	7706.00	75.81	324.33	7575.26	204.96	31.35	161.83	10.02
03/17/08 07:56:24	7738.00	77.81	324.37	7582.57	230.28	13.19	192.83	6.25
03/17/08 09:12:11	7769.00	78.46	324.54	7588.94	254.96	-4.45	223.03	2.18
03/17/08 11:25:51	7801.00	79.14	324.03	7595.16	280.45	-22.77	254.26	2.63
03/17/08 13:22:30	7833.00	79.73	324.23	7601.02	305.94	-41.20	285.55	1.94
03/17/08 15:13:14	7864.00	78.33	324.61	7606.92	330.69	-58.91	315.84	4.67
03/17/08 17:15:01	7896.00	76.87	325.34	7613.79	356.28	-76.85	346.97	5.06
03/17/08 18:36:42	7927.00	75.40	325.67	7621.22	381.09	-93.90	376.98	4.86
03/17/08 21:32:19	7958.00	75.16	326.26	7629.10	405.93	-110.68	406.89	1.99
03/17/08 22:55:10	7990.00	75.80	326.03	7637.12	431.66	-127.94	437.79	2.12
03/18/08 00:42:17	8022.00	76.41	326.22	7644.80	457.45	-145.25	468.79	1.99
03/18/08 02:28:45	8053.00	75.82	326.36	7652.24	482.48	-161.95	498.82	1.96
03/18/08 04:59:13	8085.00	73.99	327.05	7660.58	508.30	-178.91	529.66	6.08
03/18/08 07:01:56	8116.00	72.61	327.49	7669.48	533.28	-194.97	559.32	4.64
03/18/08 08:31:25	8148.00	71.17	327.77	7679.43	558.97	-211.25	589.71	4.60
03/18/08 10:42:06	8180.00	71.21	327.72	7689.75	584.58	-227.42	619.97	0.21
03/19/08 15:59:47	8212.00	71.81	327.12	7699.90	610.15	-243.76	650.29	2.56
03/20/08 12:34:40	8244.00	72.66	327.54	7709.66	635.80	-260.21	680.73	2.94
03/20/08 22:22:30	8276.00	74.57	327.14	7718.69	661.65	-276.78	711.40	6.09
03/21/08 03:53:57	8307.00	76.76	326.79	7726.36	686.82	-293.16	741.39	7.15
03/21/08 06:12:36	8338.00	75.23	326.03	7733.87	711.88	-309.80	771.40	5.48
03/21/08 09:57:12	8370.00	75.17	326.24	7742.04	737.57	-327.04	802.27	0.66

Vertical Section is 16572.17 ft along the target direction of 330.00 deg at a measured depth of 24718.90 ft.  
 Horizontal Displacement is 16599.50 ft along the well bore azimuth of 326.71 deg.  
 The total correction is 11.40 deg relative to True North.



COMPANY Fidelity Exploration

WELL Cane Creek 8-1

FIELD Grand County

RIG Stone Well Services







MWD Gamma Ray Log  
5 Inch True Vertical Depth  
Real Time Final Copy

Company: Fidelity Exploration  
Well: Cane Creek 8-1  
Field: Grand County  
Rig: Stone Well Service 8  
State: Utah Country: USA

COMPANY Fidelity Exploration  
WELL Cane Creek 8-1  
FIELD Grand County  
RIG Stone Well Service 8  
STATE Utah COUNTRY USA  
API \_\_\_\_\_

Location  
Latitude: 38 deg 33'21.560 ° N  
Longitude: 109 deg 44'24.430 ° W  
Other Services: Deviation Surveys, Gamma  
Mag Decl: 11.40 °  
Grid Corr: 0.00 °  
Total Corr: 11.40 °

Permanent Datum: Ground Level  
Log Measured From: Kelly Bushing @ 6017.00 ft above Permanent Datum  
Depth Reference: Driller's Depth Total Depth: 1036.00 ft  
Depth Logged: 7360.00 ft to 8396.00 ft  
Date Logged: March 08 20 to March 20 2008

Elevation  
K.B. 6017.00 ft  
G.L. 6000.00 ft  
D.F. 6016.00 ft  
W.D. On Shore ft

Runs: 7  
Spud Date: Re-entry Well

Borehole Record			Casing Record			
Hole Size	From	To	Size	Weight	From	To
6 inch in	7391.00 ft	8432.00 ft				

Borehole Deviation Record			Mud Record			
Hole Size	Min. Inc.	Max. Inc.	Type	Weight	From	To
6. in	3.9 / 7391 °	79.73 / 7833 °	Invert Base	16.50 lb/gal	7391.00 ft	8432.00 ft

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All interpretations of log data are opinions based on inferences from electrical or other measurements. Weatherford Drilling Services does not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

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RUN SUMMARY

Number		1	2	3	4	5	6	7	8
Depth	in	6.000	6.000	6.000	6.000	6.000	6.000	6.000	
Tool		Tri-cone	Tri-cone	Tri-cone	Tri-cone	PDC	PDC	Tri-cone	
Area	in <sup>2</sup>	0.75	0.75	0.75	0.75			0.92	
True Depth	ft	7391.00	7436.00	7495.00	7495.00	7623.00	7623.00	8258.00	
Log Depth	ft	7436.00	7495.00	7495.00	7623.00	7623.00	8258.00	8432.00	
Log Interval	ft	7353.05	7398.05	7457.05	7457.05	7585.05	7585.05	8214.36	
Log Interval	ft	7398.05	7398.05	7457.05	7585.05	7585.05	8214.36	7360.00	
Log Time	hh:mm	4:50	No Gamma	Tool Fail	9:45	8:15	7:00	15:30	
Log Date	DD-MMM-YY	08-Mar-08	No Gamma	Tool Fail	13-Mar-08	15-Mar-08	16-Mar-08	19-Mar-08	
Log Time	hh:mm	2:00	No Gamma	Tool Fail	6:15	8:30	14:00	11:45	
Log Date	DD-MMM-YY	09-Mar-08	No Gamma	Tool Fail	14-Mar-08	15-Mar-08	18-Mar-08	21-Mar-08	

Wipe or Both		Drill	No Gamma	Tool Fail	Drill	Tool Fail	Drill	Drill
Rate	gal/min	180	180	180	155	175	180	175
Rate @ Depth	deg @ ft	3.50@7392	17.42@7439	N/A@N/A	38.36@7502	N/A@N/A	59.42@7580	71.81@8212
Rate @ Depth	deg @ ft	5.40@7404	28.52@7470	N/A@N/A	56.58@7565	N/A@N/A	71.21@8180	76.76@8307

DATA									
Depth	ft	7391	7436	7495	7495	7623	7623	8258	
Type		Invert	Invert	Invert	Invert	Invert	Invert	Invert	
Weight	lb/gal	16.00	16.00	15.80	16.70	16.70	16.70	16.30	
Viscosity	sec/qt	56	56	56	63	65	54	56	
% Sand	%	34	32	33	34.44	34.44	33.23	33.18	
Fluid Loss	ml/30 min								
Tool Temp / Tool	deg F	105	105	105	105	105	120	120	
Representative		Greg Creel	Greg Creel	Greg Creel	Greg Creel	Greg Creel	Greg Creel	Greg Creel	
Perfor Engineer		Louis/Castillo	Louis/Castillo	Louis/Castillo	Louis/Kendall	Louis/Kendall	Louis/Kendall	Louis/Kendall	

EQUIPMENT SUMMARY

Number		1	2	3	4	5	6	7	8
W / CDS Serial Number		680 / 794	680 / 794	680 / 794	366 / 633	366 / 633	360 / 714	360 / 714	
Ray Serial Number		3662	3662	3662	3663	3663	3675	3675	
Gamma Ray Serial Number		2784	2784	2784	2764	2784	2914	2914	
Pressure Probe Serial Number									
Pressure Probe Serial Number		1746	1746	1746	1592	1592	1696	1696	
Pressure Probe Serial Number		12900	12900	12900	14467	14467	14467	14467	
Sensor Offsets									
Pressure Probe	ft	52.16	52.16	52.16	52.16	57.85	57.85	52.16	
Gamma Ray	ft	37.95	37.95	37.95	37.95	43.64	43.64	37.95	
Other Information									
Assembly Type		Steerable							
Circulating Time	hrs	15.25	0.00	2.00	21.25	1.50	44.75	39.50	
Drilling Time	hrs	6.50	0.00	0.00	17.50	0.00	31.50	28.25	

5 Inch - True Vertical Depth

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
		7. UNIT or CA AGREEMENT NAME: Cane Creek Federal
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		8. WELL NAME and NUMBER: Cane Creek 8-1
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	9. API NUMBER: 4301931449	
2. NAME OF OPERATOR: Fidelity Exploration & Production Company	PHONE NUMBER: (307) 675-4924	10. FIELD AND POOL, OR WILDCAT: Wildcat
3. ADDRESS OF OPERATOR: 2585 Heartland drive CITY Sheridan STATE WY ZIP 82801		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563FNL 1429FWL COUNTY: Grand		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/9/2008	<input type="checkbox"/> CHANGE WELL NAME	<input checked="" type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

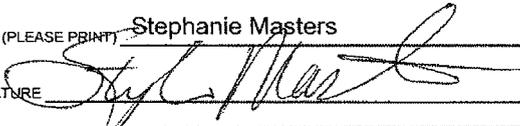
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity plugged back the well bore as per instructions from Eric Jones from 8460' to 8146' with 60 sks 17 ppg Class G premium cement across the Cane Creek zone and from 7638' to 7324' inside the 7" casing with 60 sks 17 ppg Class G Premium cement to isolate the well bore until further study of the formation can be completed.

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APR 10 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Stephanie Masters	TITLE Operations Technician III
SIGNATURE 	DATE 4/10/2008

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU68122

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
CANE CREEK FEDERA

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
CANE CREEK 8-1

2. Name of Operator  
FIDELITY E&P  
Contact: STEPHANIE MASTERS  
E-Mail: stephanie.masters@fidelityepco.com

9. API Well No.  
43-019-31449

3a. Address  
2585 HEARTLAND DRIVE  
SHERIDAN, WY 82801

3b. Phone No. (include area code)  
Ph: 307-675-4924

10. Field and Pool, or Exploratory  
WILDCAT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 8 T26S R20E SENW 2563FNL 1429FWL

11. County or Parish, and State  
GRAND COUNTY COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Fidelity plugged back the well bore as per instructions from Eric Jones from 8460? to 8146? with 60 sks 17 ppg Class G premium cement across the Cane Creek zone and from 7638? to 7324? inside the 7? casing with 60 sks 17 ppg Class G Premium cement to isolate the well bore until further study of the formation can be completed.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #59577 verified by the BLM Well Information System  
For FIDELITY E&P sent to the Moab

Name (Printed/Typed) STEPHANIE MASTERS

Title OPERATIONS

Signature (Electronic Submission)

Date 04/10/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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NOV 22 2010

DIV. OF OIL, GAS & MINING

**NOTICE OF LATE REPORTING  
DRILLING & COMPLETION INFORMATION**

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

- Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
  
- Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

---

As of the mailing of this notice, the division has not received the required reports for

Operator: Fidelity E&P Company Today's Date: 04/21/2008

Well: Cane Creek 8-1 *26S 20E 8* API Number: 4301931449 Drilling Commenced: 08/10/2007

List Attached

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please contact Rachel Medina  
at (801) 538-5260.

cc: Well File  
Compliance File

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68122
2. NAME OF OPERATOR: Fidelity Exploration and Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 2585 Heartland drive CITY Sheridan STATE WY ZIP 82801		7. UNIT or CA AGREEMENT NAME: UTU80000X
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563FNL 1429FWL		8. WELL NAME and NUMBER: Cane Creek 8-1
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		9. API NUMBER: 4301931449
COUNTY: Grand		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/15/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>chronological</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>4/14/2008-5/15/2008</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

4/14/2008 thru 5/15/2008-Fidelity is in the process of reviewing geological data to establish potential drilling plans.

RECEIVED  
MAY 19 2008  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Stephanie Masters</u>	TITLE <u>Operations Technician III</u>
SIGNATURE 	DATE <u>5/15/2008</u>

(This space for State use only)

<b>Cane Creek 8-1 logs</b>	<b>Utah</b>	<b>Logs sent 5/15/2008</b>
Digital spectralog/Gamma Ray	x	
Multipole Array Acoustilog Gamma Ray Log	x	
High Definition Induction Log Gamma Ray Log	x	
Compensated Z Densilog Compensated Neutron Log Gamma Ray Log	x	
Gamma Ray Correlation Log for TCP	x	
Accoustic Cement Bond Log 7" Casing	x	
Mud Gamma Ray Log 5" True Vertical Depth Real time Final copy	x	
Pason -Measured depth log Horizontal #1	x	
Pason -Measured depth log Horizontal #2	x	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68122
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
		7. UNIT or CA AGREEMENT NAME: UTU80000X
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Cane Creek 8-1	
2. NAME OF OPERATOR: Fidelity Exploration & Production Company		9. API NUMBER: 4301931449
3. ADDRESS OF OPERATOR: 2585 Heartland drive      CITY Sheridan      STATE WY      ZIP 82801		PHONE NUMBER: (307) 675-4924
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563 FNL & 1429 FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		COUNTY: Grand
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>6/26/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input checked="" type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Fidelity Exploration & Production Company request to set CIBP @ 7225' and perforate 6914' to 6928' & 6938' to 6959', 4 spf. 90° phasing.

**COPY SENT TO OPERATOR**  
 Date: 6-24-2008  
 Initials: KS

**RECEIVED**  
**JUN 23 2008**

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**  
  
**CONFIDENTIAL**

NAME (PLEASE PRINT): <u>Stephanie Masters</u>	TITLE: <u>Operations Technician III</u>
SIGNATURE:	DATE: <u>6/23/2008</u>

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Date: 6/23/08  
By:

Federal Approval Of This  
Action Is Necessary  
(See Instructions on Reverse Side)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU68122

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
UTU80000X

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
CANE CREEK 8-1

2. Name of Operator  
FIDELITY EXPL & PROD COMPANY  
Contact: STEPHANIE MASTERS  
E-Mail: stephanie.masters@fidelityepco.com

9. API Well No.  
43-019-31449-00-X1

3a. Address  
1700 LINCOLN, SUITE 2800  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 307.675.4924  
Fx: 307.673.6850

10. Field and Pool, or Exploratory  
WILDCAT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 8 T26S R20E SENW 2563FNL 1429FWL

11. County or Parish, and State  
GRAND COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Fidelity Exploration and Production Company request to set a packer @ 6850 and perforate F/6920' T/6927' & F/6942' T/6959' with 6 spf 60° phasing.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #61155 verified by the BLM Well Information System  
For FIDELITY EXPL & PROD COMPANY, sent to the Moab  
Committed to AFMSS for processing by MARIE MCGANN on 06/30/2008 (08MM0691SE)**

Name (Printed/Typed) STEPHANIE MASTERS	Title OPERATIONS
Signature (Electronic Submission)	Date 06/30/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	(BLM Approver Not Specified)	Date 07/02/2008
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Moab

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**RECEIVED**

**NOV 22 2010**

DIV. OF OIL GAS & MINERALS

**CONFIDENTIAL**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER Dry hole-Not plug

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU68122**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

2. NAME OF OPERATOR:  
**Fidelity Exploration and Production Company**

7. UNIT or CA AGREEMENT NAME  
**Cane Creek**

3. ADDRESS OF OPERATOR: **2585 Heartland drive** CITY **Sheridan** STATE **WY** ZIP **82801**

8. WELL NAME and NUMBER:  
**Cane Creek 8-1**

9. API NUMBER:  
**4301931449**

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: **2563 FNL & 1429 FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH: **2370 FNL & 1310 FWL**

10 FIELD AND POOL, OR WILDCAT  
**Undesignated**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SENW 8 26S 20E**

12. COUNTY **Grand** 13. STATE **UTAH**

**See attached drilling records. Vertical hole was drilled. Then 2 laterals were drilled. Both lats plugged. Vertical hole plugged back to 7324 (above lats) and perfed between 6920-6959.**

14. DATE SPUNDED: **8/10/2007** 15. DATE T.D. REACHED: **4/7/2008** 16. DATE COMPLETED: **7-14-2008**

17. ELEVATIONS (DF, RKB, RT, GL):  
**6000 GL**

18. TOTAL DEPTH: MD **8,432** TVD **7,754** 19. PLUG BACK T.D.: MD **7,324** TVD \_\_\_\_\_

20. IF MULTIPLE COMPLETIONS, HOW MANY? \* \_\_\_\_\_ 21. DEPTH BRIDGE MD \_\_\_\_\_ PLUG SET: TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) **HOT GR Correlation Log, Logs were sent in 2007-2008 MUD LOGS, GRMUD, CAL HOT IMAA GR, Com 2 - densi LOG / CN GR, CAL**

23. WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	20 H-40	48	0	38		3	167	0	
17.50	13.375 H-40	40	0	1,554		450		0	4
12.250	9.625 H-40	54	0	4,088		700			
8.75	7 HCR	26	0	6,007		1550	181	2670	
8.75	7 HCR	29	6,007	7,715		900	16	7324	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
6,920 - 6,927	.360	42	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
6,942 - 6,959	.360	103	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
7,580 - 7,655	.360	300	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

**RECEIVED**  
**NOV 22 2010**  
**DIV. OF OIL, GAS & MINING**

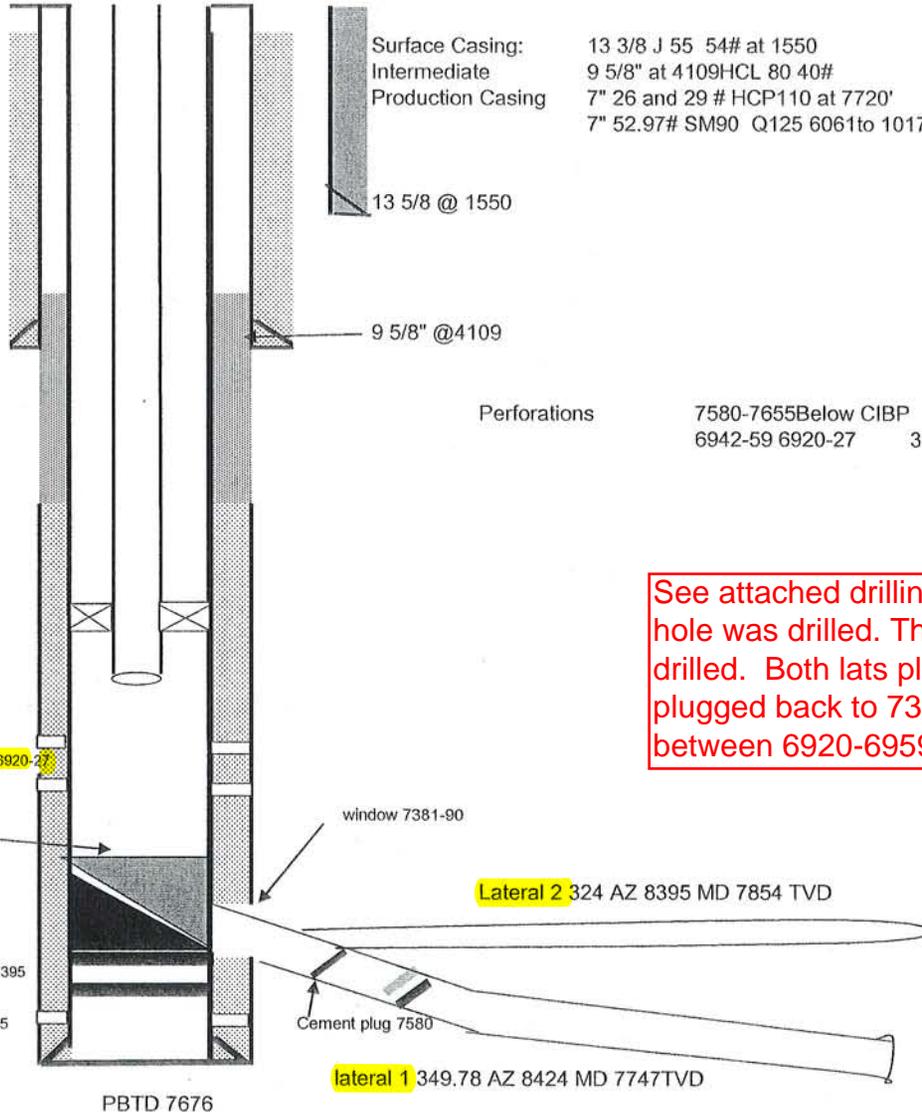
29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:  
**SI**

OPERATOR Fidelity  
 WELL NAME Cane Creek  
 Well Number 1-Aug  
 Surface Location  
 SS-TWN-RNG 8-26S-20E  
 COUNTY & STATE Grand Co Utah Hole 17.5  
 FIELD Big Flat  
 RESERVOIR  
 API #  
 WINS #  
 K.B. ELEV.  
 GROUND LEVEL Hole 12.25  
 TD:  
 PBTD:  
 LONGITUDE  
 LATITUDE  
 Lease #  
 Unit #  
 AFE#

WELL HISTORY	
DATE	ACTION
2/15/08	Drill Cement from 7659-7676
2/18/08	Perforate 7580-7655 TCP guns 4 SPF
2/26/09	rig up drilling rig 4 days
3/2/08	Run 7" CIBP and set at 7505
3/3/08	Set CIBP and 1 Trip WS at 7395 window 7381-90
3/21/08	Drill lateral 1 AZ 349.87 8424 MD 7747 TVD
3/26/08	Tag Cement plug 7240' 111' high
3/27/08	Drill second Lateral
4/7/08	stop drilling second lateral
6/24/08	Move in DDU and
7/3/08	Circulate OBM out of hole with Diesel
7/7/08	Perforate 6942-59 and 6920-27 6 SPF
7/8/08	Do DFIT pump in and 48 hr shut in
7/10/08	Run packer and Tubing to 6800 set
7/11/08	swab well down and secure Rig down
	CIBP Whipstock 7395
	CIBP 7505
	Perforate 7580-7655



See attached drilling records. Vertical hole was drilled. Then 2 laterals were drilled. Both laterals plugged. Vertical hole plugged back to 7324 and perforated between 6920-6959.

CONFIDENTIAL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU68122

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:  
UTU80000X

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
Cane Creek 8-1

2. NAME OF OPERATOR:  
Fidelity Exploration and Production Company

9. API NUMBER:  
4301931449

3. ADDRESS OF OPERATOR:  
2585 Heartland Drive CITY Sheridan STATE WY ZIP 82801

PHONE NUMBER:  
(307) 675-4924

10. FIELD AND POOL, OR WILDCAT:  
Wildcat

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 2563' FNL 1429' FWL

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/7/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Chronological
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	5/16/2008 to _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please find attached a complete chronological Well work history report for this well covering the period of 5/16/2008 through 10/7/2008. Fidelity is in the process of reviewing geological data to establish potential drilling plans.

CONFIDENTIAL

NAME (PLEASE PRINT) Stephanie Masters

TITLE Operations Technician III

SIGNATURE *Steph Masters*

DATE 10/8/2008

(This space for State use only)

RECEIVED

OCT 08 2008

DIV. OF OIL, GAS & MINING

**FEPCo**

1700 Lincoln Street, Suite 4600  
 Denver, CO 80203  
 (303) 893-3133

**Wellwork Chronological Report**

<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Wellwork Details									
Date :	2/9/2008	Days:	1	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 6:00 To 6:00	24 hrs	Category/Rmks:	MIRU : MIRU; Set Racks; Unload 2-7/8" tubing; NU BOP; SDFN						
Date :	2/11/2008	Days:	3	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Test BOP to 10K; PU 6" bit; BS; 2-4 3/4: spiral DC's; X-O & 24 jts 2-7/8" N80 tbg to 7659'; Tag cmt; Pull 2 jts tbg; Shut well in; Spot pump & tank; SDFN						
Date :	2/12/2008	Days:	4	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : R/U Pump & Tank; Pick up 24 jts tbg; R/U Power swivel; Fuel trucks stuck & about to tip over; Pull truck out; Unload 2500 gal diesel into stock tank; SDFN						
Date :	2/13/2008	Days:	5	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Pump 15 spacer pad of diesel; pump 160 bbl's source water to displace inverted drilling mud to tank; Circulating pressure exceeded 2000 psi; Pull 30 stands of tbg; Stage in hole reversing to pit 6 joints at a time T/7659'; Drill out cmt F/7659' T/7667'; CBU; Hang back swivel; Pull 2 stands; Shut well in; SDFN						
Date :	2/14/2008	Days:	6	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 18:00	11 hrs	Category/Rmks:	Other : 0 psi; Break reverse circulation; Drill thru float collar @ 7667'; Drill out cmt to 7675'; Bit hailed out; CBU twice; TOH; Break out 6" bit; Make up casing scraper; TIH T/7670'; Break rev cir; Displace hole w/280 bbls fresh water treated w/treat O CLA-Conc; Bin-clear 1000 biocide & CMS 303 corrosion & scale inhibitor; Shut well in; SDFN						
Date :	2/15/2008	Days:	7	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 19:30	2.5 hr	Category/Rmks:	Other : 0 psi; TOH; R/U Weatherford wireline; Pull CBL & Tie into open hole log; RD WWS; ( New PBDT correlated by wireline is 7676') TIH open ended T/7670'; Spot 3 bbls diesel across zone to be perfed; TOH; Lay down 2-4 3/4" drill collars; Pick up TCP assembly; TIH to 400'; Shut well in; SDFN						

**Well Name : Cane Creek 8-1**

Prospect:	Big Flat		AFE #:	070241		
Sec/Twp/Rge:	08 / 26S / 20E		AFE Total:	\$85,185		
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	2/16/2008	Days:	8	DC :	\$0	CCC:	\$0	CWC:	\$0
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Activity:	Complete Well	Rig Name:	
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Daily Report Summary :

Daily Report Detail:

From 7:00 To 19:00	12 hrs	Category/Rmks:	Other : O psi; TIH w/TCP & 238 jts 2-7/8" tubing; Land in slips @ +/- 7452'; RU wireline; correlate; 6' deep; Remove 1-6' tubing sub; Try to land in hanger; Wellhead crooked; Strip off BOP; Land tubing in hanger; Correlate good match; Set pkr; Land in hanger w/38 K compression; Correlate perfect; Guns landed @ 7580' to 7655'; R/D wireline; N/U BOP; Try to release on/off tool; HydriL XO sub on bottom of hanger; Brake loose; Strip off BOP; Tighten sub; N/U BOP; Try to release on/off tool; can feel J slot travel but will not release; Dark; Shut well in; SDFN
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Date :	2/17/2008	Days:	9	DC :	\$0	CCC:	\$0	CWC:	\$0
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Activity:	Complete Well	Rig Name:	
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Daily Report Summary :

Daily Report Detail:

From 7:00 To 19:00	12 hrs	Category/Rmks:	Other : Release packer ( Difficult resembled hydromotic unbalance) Pump 43 bbls diesel down tubing install BPV in hanger; Reset PKR @ 7462' w/38K compression; RU tool for 1660 tubg; Run 121 jts 1660'; 2.33# I J tub (Heat string) Land @ 3960'; KB; N?D BOP; NU Tree; Test anullas to 1000 psi; Held solid; Bleed off 500 psi; Shut well in; Rig down & move forward as flow line hits back of rig; SDFN
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Date :	2/18/2008	Days:	10	DC :	\$0	CCC:	\$0	CWC:	\$0
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Activity:	Perforate	Rig Name:	
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Daily Report Summary :

Daily Report Detail:

From 7:00 To 18:00	11 hrs	Category/Rmks:	Other : N/U Flow line; Test to 5000 psi; Held; R/U Hardline to frac tank; Hold safety meeting; 435 psi holding on anullas; Drop bar @ 0930 hrs; Guns fired; 0 pressure & flow; Csg PSI 435; Monitor well for 30 min; No flow; Move out catwalk 7 pipe racks; MIRU; On east side of well head R/U swab tool w/2-7/8" HPR cup; Well on very slight & vac; Fluid level @ 100'; Pull 600'; Diesel dead FL @ 1400'; Monitor for flow; Dread Dead run #4 FL @ 2200'; Pull F/3500'; Dead run #5 FL @ 3200'; Pull F/4300'; Run #6 FL @ 4200'; Pull F/5400'; Run #7 FL @ 5300'; Pull F/6300'; Run #8 FL @ 6200'; Pull F/7200'; Run #9 FL @ 7000'; Pull F/PSN @ 7460'; Dead; Shut well in; SDFN
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Date :	2/19/2008	Days:	11	DC :	\$0	CCC:	\$0	CWC:	\$0
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Activity:	Other	Rig Name:	
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Daily Report Summary :

Daily Report Detail:

From 7:00 To 14:30	7.5 hrs	Category/Rmks:	Other : 0 psi; swab run #1 FL @ 7150'; Pull F/PSN @ 7460'-Dead wait on orders; RD Flow lines & swab equipment; Shut well in; SDFN
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Date :	2/20/2008	Days:	12	DC :	\$0	CCC:	\$0	CWC:	\$0
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Activity:	Complete Well	Rig Name:	
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Daily Report Summary :

Daily Report Detail:

From 7:00 To 18:00	11 hrs	Category/Rmks:	Other : 0 PSI, N/D wellhead, N/U BOP, set catwalk & pipe racks, lay down 1-660" heat string, R/U tongs & slips, release PS1X , Pkr, lay down 100 jts 2 7/8" tbg, shut well in, SDFN.
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**CONFIDENTIAL**

Well Name : Cane Creek 8-1						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	2/21/2008	Days:	13	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Other		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 18:30	1.5 hr	Category/Rmks:	Other : 0 PSI, lay down 138 jts 2 7/8" tbg, BHA had J'd out of on/off tool & fell to bottom (note: no visable mark or danger to J slot in the retrieving tool) P/U retrieving tool & 139 jts 2 7/8" tbg, tag BHA setting on bottom, engage ON/OFF tool (can feel J slot travel & chatter off drag blocks on PKR, try to set PKR, will not set, suspect lugs in PKR jammed on impact w/ PBTD, pull 10 stands, shut well in, SDFN.						

Date :	2/22/2008	Days:	14	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 19:30	2.5 hr	Category/Rmks:	Other : 0 psi; TOH; Did not catch BHA markes on bottom of skirt indicate the profile is de-centralized; While waiting for short catch over shot bumper sub; Take deliver & unload on to pipe racks 20 4-3/4" Drill collars; 20 jts 2-7/8"; PH 6 tbg & 232 jts 3 1/2" IF drill pipe; PU 5 3/4" short catch overshot w/3/4" grapple & Bumper sub; TIH engage fish @ 7499'; PKR is released; Picked up 2000# plus on up & down stroke; Pull 60'; Shut well in; SDFN						

Date :	2/23/2008	Days:	15	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 20:00	13 hrs	Category/Rmks:	Other : 0 psi; TOH @ 20 stands out; Lost +/- 2000 lbs of string weight; Overshot empty; First wicker chipped no other markes; Trip back in w/3-3/8" grapple; Engauge; Fish top ; Gain 2 K on indicator; Pull 30' set & release PKR; Pull 600'; Set & release PKR; Pull 400'; Set & release Pkr; Lay down remaining 2-7/8" tbg; Laydown PKR & TCP assembly; Run 1000' for kill srting; SDFN						

Date :	2/24/2008	Days:	16	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 17:00	10 hrs	Category/Rmks:	Other : String up rig on 6 lines; Start fab on choke lines; R/U Camp; OD/ID drill collar; unload 3.5 Bowen power swivel; Choke manifold; Lay derrick over to install sensor for Pason; SDFN						

Date :	2/25/2008	Days:	17	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 17:00	10 hrs	Category/Rmks:	Other : R/U Pason to fastline on rig, Stand derrick up, set trip tank, #1 and #2 mud pumps; rig in hard line to floor, fab. Watermelon on choke manifold, set 500 Bbl. frac tank for storage, to kill string, run 7"Cline mech. bridge plug, set @ 1000', lay down kill string, sdfn						

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Well Name : Cane Creek 8-1						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	2/26/2008	Days:	18	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 7:00	24 hrs	Category/Rmks:	Other : R/U Pason to fastline on rig, Stand derrick up, set trip tank, #1 and #2 mud pumps; rig in hard line to floor, fab. Watermelon on choke manifold set 500 Bbl. frac tanks for storage, TOH kill string, run 7"Cline mech. bridge plug, set @ 1000', lay down kill string, sdfn; N/D BOP, N/U single gate BOP w/ variable rams F/2 3/8" T/ 3 1/2", D spool w/ gate valves and HCR valve; Dbl. gate BOP w/ Blind & 3 1/2" rams, Hydril. Set in choke manifold, missing two 4" 10K weld flanges to be able to test. Unload a set in Pre-mix tank, hard wire to generator. Take delivery of 400 Bbls. invert from DHS #12, r/u centrifugal pump to agitate mud. Drilling pit showed up 5 hours late, unload pit and mud cleaner/shaker, pumps and gas buster. Spot in gas buster and wait for Swaco hand to set up the mud pit. Spot in bulk trailer w/ 46,200# Barite. R/U high work floor and elevate operator controls. R/u & function test Super Chokes. R/U flow lines to stand pipe. Load pipe racks and talley 7,600' 3 1/2" drill pipe						

Date :	2/27/2008	Days:	19	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hrs	Category/Rmks:	Other : Set choke manifold and N/U to BOP stack, set mud tank, set mud cleaner and shaker on tank, set in and hook up twin centrifical pumps to charge mud cleaner, stand up gas buster, make measurements for flow line, unload whip stack and directional tools, R/U rotary tongs, make up test tool, one of the tongs has a bent head, test couldn't test either pipe ram as top sub of test tool not tight enough(bent head) test Hydril, blind rams and choke manifold, good, wait 3 hours on Weatherford to deliver new tong at their cost, lay down test plug to tighten tool joints, water in stack suck the seal rubber off test plug, wait 3 1/2 hours for single Jack to get another seal at their cost, Aaarg! Continue to test pipe rams.						

Date :	2/28/2008	Days:	20	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hrs	Category/Rmks:	Other : Waiting on approved sundry from the BLM, generator #1 had water pump go out and generator #2 doesn't have a distribution panel, rig down both gen sets and obtain another gen from Grand Junc. Cummins, will be on location tomorrow noon, Swaco waiting for two Victraulic fittings for their mud tank which will be here tomorrow as well, moved PH6 tbg onto rack and talley, make final fabrications to flowline/gas buster.						

Date :	2/29/2008	Days:	21	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hrs	Category/Rmks:	Other : Finished rigging up Swaco mud tank and cleaner, received 305 BBLS of 15.5# invert to storage, Nipped up flow line, all tranducers installed and functioning, rig out both bad generators, waiting on approved sundry and replacement generator, Received approved sundry, generator on location at 17:00 hrs, distribution panel arrived at 18:00 hrs, wire in panel and function test electrical equipment, function test BOP stack, R/U TRS 5 1/2" Hyd tongs, Pick up 13 jts 2 7/8" PH6 tbg, X-O, 3 jts 3 1/2" S-135 drill pipe, tongs quit supplying minimal torque on make up, inspect hydraulic equipment - appears in good order, rig up back up set of tongs.						

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<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat		AFE #:	070241		
Sec/Twp/Rge:	08 / 26S / 20E		AFE Total:	\$85,185		
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	3/1/2008	Days:	22	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : Problems solved return to running drill pipe, run last 42 jts 3 1/2" drill pipe to 7,684' KB, total string 13 jts 2 7/8" PHs Tbg & 239 jts 3 1/2" drill pipe, break circ, circ completion fluids to reserve pit, swap to mud tank, load mud system with 432 BBLs 15.5# OBM (received 244 BBLs 15.5# OBM in reserve-total 549 BBLs), Lay down 17 jts drill pipe on racks, TOH standing back D.P. & PH6 (long trip-very high winds) R/U Weatherford Wireline, run 5.85 gauge ring to 7, 550', correlate to CCL/CBL log.						

Date :	3/2/2008	Days:	23	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : Run 7" CIBP & set @ 7,505' (75' above perms) run & CIBP & set @ 7,395' (set point for whipstock) R/D wireline P/U 6" window mill, 6" watermelon mill, 6" watermelon mill, XO, 1 jt Hevi-wate drill pipe, and 20 4 3/4" drill collars, (Total BHA - 659.06') TIH w/ 212 jts D.P. to 7,395', tag CIBP, TOH.						

Date :	3/3/2008	Days:	24	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Finished rigging up Swaco mud tank and cleaner, received 305 Bbl's. of 15.50# invert to storage. Nipped up flow line, all transducers installed and functioning. Rig out both bad generators. Waiting on approved sundry and replacement generator. Received approved sundry, generator on location at 1700 Hrs. distribution panel arrived at 1800 Hrs. wire in panel and function test electrical equipment. Function test BOP stack. R/U TRS; 5 1/2" Hyd. Tongs; Pick up 13 jts. 2 7/8" PH6 tbg., X-O,3 jts. 3 1/2" S-135 drill pipe, tongs quit supplying minimal torque on make up, inspect hydraulic equipment-appears in good order, rig up back-up set of tongs. Pick up 13 jts. 2 7/8" PH6 tbg., X-O,3 jts. 3 1/2" S-135 drill pipe, tongs quit supplying minimal torque on make up, inspect hydraulic equipment-appears in good order, rig up back-up set of tongs. Problems solved, return to running drill pipe. Run last 42 jts. 3 1/2" drill pipe to 7,684' KB. Total string: 13 jts 2 7/8" PHs Tbg & 239 jts 3 1/2" Drill Pipe Break circ, circ completion fluids to reserve pit, swap to mud tank, load mud system with 432 Bbls; 15.5# OBM (Received 244 Bbl's 15.5# OBM in reserve-Total 549 Bbl's) Lay down 17 jts drill pipe on racks, TOH standing back D.P. & PH6 (long trip-very high winds) R/U Weatherford Wireline, run 5.85' gauge ring to 7,550', Correlate to CCL/CBL log; Run 7" CIBP & set @ 7,505' (75' above perms), Run & CIBP & set @ 7,395' (set point for whipstock); R/D wireline, P/U 6" Window Mill, 6" Watermelon Mill, 6" Watermelon Mill, XO, 1 jt. Hevi-Wate Drill Pipe, and 20 4 3/4" Drill Collars, (Total BHA - 659.06'), TIH w/ 212 jts D.P. to 7,395', Tag CIBP, TOH; Pick Whip Stock, add UBHO sub between top of Hvei-Wate DP and Drill Collars, TIH very slowly @ 3 minutes per stand. R/U wireline & Gyro, orientate whip stock @ 330 degrees, Set whip stock-felt the roll pin shear but not the shear stud, question whether or not the tool set fully-decided to trip for retrieving hook to verify set and direction, R/D wireline. TOH, Mill shows tool apparently sheared correctly, P/U Retrieving Hook, Function test BOP; TIH w/Hook; Total OBM in active and reserve - 911 Bbl's 15.5#(Held safety meeting 3-3-08 @ 2:00 am with rig crew & Weatherford Whip stock hands. Discussed the importance of not hurrying while handling drill collars and bottom hole tools.)						

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<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat		AFE #:	070241		
Sec/Twp/Rge:	08 / 26S / 20E		AFE Total:	\$85,185		
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	3/4/2008	Days:	25	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :

Daily Report Detail:

From	To	0 hrs	Category/Rmks:	Other : Finished rigging up Swaco mud tank and cleaner, received 305 Bbl's. of 15.5# invert to storage. Nipped up flow line, all transducers installed and functioning. Rig out both bad generators.; Waiting on approved sundry and replacement generator. Received approved sundry, generator on location at 1700 Hrs., distribution panel arrived at 1800 Hrs., wire in panel and function test electrical equipment. Function test BOP stack. R/U TRS; 5 1/2" Hyd. Tongs; Pick up 13 jts. 2 7/8" PH6 tbg., X-O,3 jts. 3 1/2" S-135 drill pipe, tongs quit supplying minimal torque on make up, inspect hydraulic equipment-appears in good order, rig up back-up set of tongs. Pick up 13 jts. 2 7/8" PH6 tbg., X-O,3 jts. 3 1/2" S-135 drill pipe, tongs quit supplying minimal torque on make up, inspect hydraulic equipment-appears in good order, rig up back-up set of tongs. Problems solved, return to running drill pipe. <b>Run last 42 jts. 3 1/2" drill pipe to 7,684' KB.</b> Total string: 13 jts 2 7/8" PHs Tbg & 239 jts 3 1/2" Drill Pipe Break circ, circ completion fluids to reserve pit, swap to mud tank, load mud system with 432 Bbls; 15.5# OBM (Received 244 Bbl's 15.5# OBM in reserve-Total 549 Bbl's) Lay down 17 jts drill pipe on racks, TOH standing back D.P. & PH6 (long trip-very high winds) R/U Weatherford Wireline, run 5.85' gauge ring to 7,550', Correlate to CCL/CBL log; <b>Run 7" CIBP &amp; set @ 7,505' (75' above perms), Run &amp; CIBP &amp; set @ 7,395' (set point for whipstock);</b> R/D wireline, P/U 6" Window Mill, 6" Watermelon Mill, 6" Watermelon Mill, XO, 1 jt. Hevi-Wate Drill Pipe, and 20 4 3/4" Drill Collars, (Total BHA - 659.06'), TIH w/ 212 jts D.P. to 7,395', Tag CIBP, TOH; Pick Whip Stock, add UBHO sub between top of Hvei-Wate DP and Drill Collars, TIH very slowly @ 3 minutes per stand. R/U wireline & Gyro, orientate whip stock @ 330 degrees, Set whip stock-felt the roll pin shear but not the shear stud, question whether or not the tool set fully-decided to trip for retrieving hook to verify set and direction, R/D wireline. TOH, Mill shows tool apparently sheared correctly, P/U Retrieving Hook, Function test BOP; TIH w/Hook; Total OBM in active and reserve - 911 Bbl's 15.5#(Held safety meeting 3-3-08 @ 2:00 am with rig crew & Weatherford Whip stock hands. Discussed the importance of not hurrying while handling drill collars and bottom hole tools.)
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Date :	3/5/2008	Days:	26	DC :	\$0	CCC:	\$0	CWC:	\$0
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Activity:	Complete Well		Rig Name:						
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Daily Report Summary :

Daily Report Detail:

From	To	6:00 To 6:00	24 hrs	Category/Rmks:	Other : TIH w/ Retrieving Hook, J onto whip stock, Pull 40k over, tool is definitely set, R/U wireline, Run Gyro but there is ten deg +- in the hook slot. Release off of the whip stock. TOH, Night crew showed at 8:00 pm-Derrick hand and tool pusher quit and walked off location. The Day Driller and Pusher stayed and finished the trip out. Make up Window Mill, Function test BOP, service rig equipment, clean up location and perform general service on all equipment while waiting on replacement hands from Vernal. <b>TIH w/ window mill assembly to 7,390'</b> , R/U 3.5 Power Swivel, Break Circ, install magnets in Possum belly. Hold safety meeting w/ every person on location, walk around location and make certain everyone knows the function of <b>each piece of equipment Start cutting window in the 7" casing, top of window is at 7,381' - bottom at 7,390'</b> , after window is cut rathole is at 7,394'. Circ bottoms up. Lay down 41 jts. 3 1/2" DP, TOH.
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Begin Lateral 1

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<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date:	3/6/2008	Days:	27	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									

From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : TOH t/ 4,260', tong heads broke from high torque on DP, wait for repair parts, mud weight had dropped to 15#, move 250 BBLS from active to storage, transfer 250 BBLS 18# from 1-1 and blend into active, move 42 jts 3 1/2" DP off racks , move in 27 jts 2 7/8" PH6 tbg and talley, move in directional tools, repair Hyd tongs, TOH lay down window mill assm, start mill out 1/64", P/U directional motor, attempt to break connection to change angle of motor, tong hand ran into the connection and broke the tongs again, Aarg, release tong hand and wait on another.						
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Date:	3/7/2008	Days:	28	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									

From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : TOH t/ 4,260', tong heads broke from high torque on DP, wait for repair parts, mud weight had dropped to 15#, move 250 BBLS from active to storage, transfer 250 BBLS 18# from 1-1 and blend into active, move 42 jts 3 1/2" DP off racks , move in 27 jts 2 7/8" PH6 tbg and talley, move in directional tools, repair Hyd tongs, TOH lay down window mill assm, start mill out 1/64", P/U directional motor, attempt to break connection to change angle of motor, tong hand ran into the connection and broke the tongs again, Aarg, release tong hand and wait on another.						
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Date:	3/10/2008	Days:	31	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									

From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Wait on replacement tongs, function test BOP, service equipment, R/U replacement tongs; P/U 6" SL12TP Reed Tri-Cone Bit (S/N-JW5940), Drilling Motor set @ 2.6, NM Muleshoe Sub, 2-4 3/4"; Flex NMDC Gyro UBHO, X-O, 40 jts 2 7/8" PH6 tbg., X/O, 20-4 3/4" Drill Collars and 171 jts 3 1/2" DPR/U wireline, Run Gyro @ 330 top of slide, 335 @ bottom of rathole, R/U swivel w/ wet connect run Gyro & seat in UBHO, Break circ @ 3000 PSI/190 GPM; Start Drilling, Drill down T/7431', Top of connection places lobe of drill collar in the window, stuck; Work drill string, pulling 35k over, torque & work pipe, pull 50k over, pulled free easily, tried several times with the same result, make a connection, run Gyro and RTD, drilled 6', differential pressure falling off, circ. Clean; TOH, pulling smooth, pulled 42 stands and tongs failed, fill anullas, install IBOP; Standby waiting for replacement equipment, deferring charges to Weatherford TRS; TOH, No hard marks on NMDC's, motor and bit look green; Function test BOP, Drop out NMDC's from BHA, shallow test motor, TIH, ran 4 stands and lost a bearing in tongs from torque shock; Set of Clincher Drill Pipe tongs are to be delivered by 7 am rated at 40,000 Ft. Lbs. torque						
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Date:	3/11/2008	Days:	32	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									

From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : RTD, Drilling @ 9 Avg Ft/Hr - 30k WOB - 50 RPM on Bit - 180 GPM @ 3000 PSI - 16.7 PPG/70 Vis. 30.31 degree/100' CBU, R/D Gyro and swivel						
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<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	3/11/2008	Days:	32	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 16:00	9 hrs	Category/Rmks:	Other : Monitor well bore for flow, dead; Pull slowly into csg, Pull 20 stands wet DP, Run surprise Kick Drill - 5 minutes to fully close Hydril &stab, TIW valve, continue pulling wet string, Clincher Drill Pipe tongs slower but have positive bite on Bit @ 85 plus %, Bump motor back from 2.6 to 2.121, make up 2 Monel DC's w/ MWD & TIH, Fill DP every 20 stands						

Date :	3/12/2008	Days:	33	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 16:00 To 5:30	3.5 hr	Category/Rmks:	Other : surprise Kick Drill on Night Crew - 9 minutes to fully close Hydril and stab TIW valve, needs practice and will run again! Continue TIH, break circ @7468Circ out bubble while working on Pason Unit						

Date :	3/13/2008	Days:	34	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : Pason working, Start drilling, drill 1 ft. and pop-off tripped, re-set pop-off, now pulse not reading from MWD, found that rubber from pop-off was pumped down hole because the rig crew forgot to install the Drill Pipe screen, try to flush obstruction out to no avail, discussed with Tool Pusher and it is agreed they will pay for the trip to clear out the string. TOH, inspect box and pins of PH6 – lay down 2 for wear, found some rubble on pulser and also found that the float had come unseated spinning the MWD tools up into and lodging in the PH6, replace float and MWD tools, surface test motor, TIH, stop at top of PH6 and fill, stop at 3800" and fill, TIH.						

Date :	3/14/2008	Days:	35	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Drill : TIH to 7495', R/U swivel and break circ, pulse reading fine, RTD F/ 7495', ROP @ 8.2 – 28 WOB – 130 GPM @ 2300 PSI, Depth 7589', 31 K WOB, ROP 8.4 FPH, 2926 PSI @ 185 GPM 48.8 degrees inclination/ 308.78 degrees Azimuth, 63 Vis – 16.8 PPG, reached target 1, 7623' MD, ROP 8.4 FPH, 2870 PSI @ 189 GPM, 57.3 degrees inclination/ 313.28 degrees Azimuth, 63 Vis – 16.8 PPG, 62.2 Bit hours, circ clean for trip to change Motor/Bit/Angle .TOH, Bit green, Change out motor, make up 6" PDC 7 blade bit, Change BHA-add 24 jts PH6 and 12jts 3 1/2" DP below Drill Collars						

Date :	3/15/2008	Days:	36	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 18:30	1.5 hr	Category/Rmks:	Other : MWD not reading and Pason unit crashed, TOH, pulls very smooth around curve, lay MWD down and test, pulser is working but no power or communication with the BDR						

Well Name : Cane Creek 8-1			
Prospect:	Big Flat		AFE #: 070241
Sec/Twp/Rge:	08 / 26S / 20E		AFE Total: \$85,185
API #:	43-019-31449	Field:	Cane Creek
Work Type:	Completion	County, St.:	GRAND, UT
Operator:	Fidelity E&P	Supervisor:	Greg Creel
Production Current/Expected	Oil: 0 / 0	Gas: 0 / 0	Water: 0 / 0
This AFE Cost: \$0			
Tot Assoc AFE's: \$0			
Phone:			

Date :	3/16/2008	Days:	37	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 18:30 To 7:00	2.5 hr	Category/Rmks:	Other : Assemble new MWD-Test, TIH w/ 6" PDC, Drilling Motor, NM sub, 24 3/4" Monel Drill Collars with MWD, XO, 64 jts 2 7/8" PH6 Tbg, XO, 12 jts 3 1/2" Drill Pipe, 20 4 3/4" Drill Collars Fill string every 20 stands R/U swivel, break circ. RTD, 180 RPM @ Bit, 14K WOB, 2470 PSI, 11.4 ROP Ft/Hr, 16.3/56, Dropping 9' per 50' Took power surge due to undersized motor on Swaco De-Sander, Trip Pason unit, Pull to high kelly						

Date :	3/17/2008	Days:	38	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 1:00 To 7:00	6 hrs	Category/Rmks:	DRLG : Pason unit and Satellite system both failed-possibly to due the snow storm, Pull to high kelly and circ Re-boot Pason and satellite, everything came back up except the satellite RTD, 180 RPM @ Bit, 14K WOB, 2720 PSI, 11.4 ROP Ft/Hr, 16.3/57, Dropping 9' per 50' Slip & Drill to 7764', lost remote radio signal with the Pason unit as well as the satellite. Pason field serve rep due to arrive at 5:30am, Installed a UPS & new radio transmitters, Pason working solid, monitor for 20 minutes RTD, MD-7764'/TVD-7687', Inc-80, Azi-324.33, 180 GPM/2700 PSI, Slip and Drill @ 25 RPM (Still In The Salt)						

Date :	3/18/2008	Days:	39	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : Drig F/7764' T/7827' Still in the salt, consult with Denver-agree to cut our build and dive for the shale, drop from 80- degree Inc to 75.16 @ 7958 MD/7628.89 TVD, @ 7930 by lag had 5% shale in sample Held angle to 8053.00 MD/7652.03 TVD, 100% Salt in return, Drop angle to 72.61 over next two connections @ 8116'MD/7669.27'TVD, 559.51' V'Sect, 327.49 Azi, 16#/54 Vis Continue to drill looking for top of Cane Creek, Circ bottoms up after every connection 33'/100' drop @ 71 deg Inc Found top of formation @ 8205' MD/7698' TVD, Drill T/8243', Max gas @ 100 units, calculate dip @ 81 degree, Start building curve, PDC generating high torque and not want to keep tool face up Stalling motor, Slide to 8256' MD, Concerned about motor stalling-release and backing off motor Circ clean, no gas in returns, Hang back swivel TOH, At beginning of tour change discuss in safety meeting the concerns of pulling a bubble as well as keeping the hole full while tripping, Lay down motor & PDC bit(PDC green), Pick up slow speed motor set @ 1.15, make up new Reed						

Date :	3/19/2008	Days:	40	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : 6" Tri-Cone bit 20/20/20, surface test motor TIH, fill DP At Collars Fill at 5000' and 7390' (Window), TIH to btm @ 8256' Swivel up, break circ RTD @ 8256' 1.2 to 1.8 FPH builing back curve, 16.4#/54 Vis, 41K WOB,						



<b>Well Name : Cane Creek 8-1</b>			
Prospect:	Big Flat		AFE #: 070241
Sec/Twp/Rge:	08 / 26S / 20E		AFE Total: \$85,185
API #:	43-019-31449	Field:	Cane Creek This AFE Cost: \$0
Work Type:	Completion	County, St.:	GRAND, UT Tot Assoc AFE's: \$0
Operator:	Fidelity E&P	Supervisor:	Greg Creel Phone:
Production Current/Expected	Oil: 0 / 0	Gas: 0 / 0	Water: 0 / 0

Date :	<b>3/20/2008</b>	Days:	41	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :

Daily Report Detail:

From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : Started at 71.7 Inc coming up to 72.8, Azi @ 349.78, background gas @ 17u, #1 pump went down- packing on plunger Drilling with pump #2, 107 GMP @ 1778 PSI, ROP @ 1.3 to 3.0, 16.5#/59 Vis, CBU every hour due to lower GPM from pump #2, Formation is 50% Anhy. Explaining the slower ROP, will cut the mud weight and Vis during daylight tour Pull up to 8255', CBU, RTD, mud @ 16.4#/64 Vis, 1.2 to 3.0 FPH w/ 24K WOB Encountered a few small drilling breaks, Silt Stone 20%/Shale 65%/Anhy 15% Circ clean, make connection, switch to primary pump, regain circ. Service rig and generator RTD, maintaining +- 75 deg, slide then drill, mud @ 16.3#/54Vis, 37K WOB @ 2752 PSI, @ 8306' MD sample by lag 100% salt, Consult with Robert Flook and Mark Koury (Geologist), decision made to drill ahead by Robert Flook & onsite Geologist is to steer us in the zone
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Date :	<b>3/21/2008</b>	Days:	42	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :

Daily Report Detail:

From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : <b>Drilling from 8321' MD to 8389'</b> MD, Still drilling in Salt, last Gamma kick @ 8344' MD, Drilling @ 75 Deg Inc 327.53 Azi, Mud @ 16.0#/52 Vis Drilling break @ 8400' MD/7747' TVD, sample by lag 10% shale, drlg @ 8408' sample by lag 90% Drilling break @ <b>8400' MD/7747' TVD</b> , sample by lag 10% shale, drlg @ 8408' sample by lag 90% shale, drlg break @ 8416 MD (increase) sample by lag @ <b>8424'</b> 98% salt with a trace of shale ROP @ 17.8 Ft/Hr, 23K WOB, 25 RPM, 2142 PSI w/ 16.1#/53 Vis, NO GAS, 75 Deg Inc <b>decision made to plug back and sidetrack</b> , Circ clean for two hours, Hang back swivel TOH, pull first 8 stands slowly - 4K overpull, load hole every 20 stands, lay down motor and MWD
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Lateral 1 total depth

Date :	<b>3/22/2008</b>	Days:	43	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :

Daily Report Detail:

From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : TIH, Open ended w/ 64 jts PH6-12 jts 3 1/2" DP-20 4 3/4" DCs-171 jts 3 1/2" DP TIH w/ final jts 3 1/2" DP T/ 8422' Break circ, CBU R/U HOWCO, Pump Balanced Plug, <b>plug back lateral section of open hole F/ 8422' T/ 7520'</b> Pump 8.5 Bbls Tuned Spacer, 34 Bbls 16# G Cement w/ 18% salt and fluid loss additive, 1.5 Bbls tuned Spacer, displace w/ 48.7 Bbls OBM Pull 21 stands DP very slowly, Break circ, circ for 2 hours
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Lateral 1 total depth;  
Abandon Lateral 1

Date :	<b>3/23/2008</b>	Days:	44	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :

Daily Report Detail:

From 7:00 To 6:59	3.98 hr	Category/Rmks:	Drill : TOH, Night Pusher miss understood what waiting 24 hours on cement meant and had released the crew, pulled to DC's and shut down waiting on crew New crew arrived, finish TOH, Make up 6" Tri-Cone bit (re-run), TIH Tag cement stringer @ 6852', Lay down 6 jts-run 3 stands, R/U swivel, break circ, drill out cement .
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<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	3/24/2008	Days:	45	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : F/ 6852' T/ 7009', Circ F/ 7042' Lay down 42 jts to clear out derrick. Wash and rotate soft cement T/ 7737' MD						

Date :	3/25/2008	Days:	46	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : Circulate clean, R/D swivel TOH, Break bit outHeld safety meeting, Function test BOP, service rig and equipment, wash off work floor and pumps TIH open ended w/ PH6,DC's & DP T/ 7732' Break circ, circulate while waiting on Halliburton						

Date :	3/26/2008	Days:	47	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	MIRU : R/U Halliburton, hold safety meeting, <b>Plug back lateral leg from 7732' to 7500'</b> , Pump 9.1 Bbls 16.5# Tuned Spacer, Sacks 17# G cement w/ 18% salt, 1.9 Bbls 16.5# Tuned Spacer, displaced with 47 Bbls 16# OBM, R/D Halliburton (CIP @ 0048 Hrs) Pull 12 jts DP very slowly, break circ, circulate for 2 hours TOH; Make up 6" Tri Cone bit (re-run) TIH T/ 7355', Circ while waiting for cement to cure total of 24 hours, Tag hard @ 7240' (111' High) est. cement top was 7389'						

Lateral 1 additional plugs

Date :	3/27/2008	Days:	48	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : R/U swivel & break circ, circ for 3 hours; Start drilling cement (Hard, chips have concave shape coming from casing wall)7337' to 7350' fairly solid, fell thru @ 7350', washed nipple on manifold on pump #2-switch to pump #1, Pumping 4.6 BPM @ 2024 PSI, Small scattered stringers F/7390' T/ 7486', start drilling harder cement, taking .5 to 1.2k wob to drill off, cement hard @ 7497' running 1 to 2k WOB, drilling cement at 2.5 minutes per foot @ 7515'Drilling F/ 7515' @ 9 FPH running 1.5 to 3k WOB w/ 1800 PSI, Stop drilling a <b>KOP of 7580'</b> Circulate hole clean with two volumes cement hard @ 7497' running 1 to 2k WOB, drilling cement at 2.5 minutes per foot @7515'						

Lateral 2 KOP

Date :	3/28/2008	Days:	49	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : Lay down 18 jts 3 1/2" DP, TOH, Break out 6" bit (re-run), Function test BOP P/U New Hughes 6" Tricone long milltooth bit S/N #ATJ3VM981, jets 20/20/20, 0.28 mud motor set @ 2.6, NM Muleshoe, 2 - 4 3/4" Monel DC's, MWD,XO, 64 jts PH6 Push Pipe, XO, 12 jts 3 1/2" DP 20 - 4 3/4" Spiral DC's & 3 1/2" DPTIH, Load DP every 15 stands -R/U swivel, break circ, Orientate tool face to 311 Azi., Start Time Drilling @ 1 inch per 3 minutes to kick off, 177 gpm - 2604 psi - 1.5k wob - 49 rpm A bit Increasing WOB slowly from 2.5k to 19.6 @ 7595', 50.3 Inc./ 309.78 Azi						

**Well Name : Cane Creek 8-1**

Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	<b>3/29/2008</b>	Days:	50	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : 57.2 Inc. / 314.53 Azi., Start rotating for 60', Return to slide drill to 7695' Purge Gas Buster, Purge Choke Manifold - cycle both Super Chokes twice, system Clear Hold Safety Meeting and Kick Drill RTD, 57.8 Inc. / 322.78 Azi., Gamma 2.6 cps, Estimated 7592' TVD / 7695' MD 7727' MD / 7605' TVD, ROP @ 10.0 FPH, 30K WOB, 2375 PSI, 63.9 Inc. / 324.12 Azi. 7732' Rotating @ 70 RPM, 19.5K WOB, 28.5 ROP, 2579 PSI, 3.6 CPS Gamma, 11 Units Background Gas Drilling ahead closing on the formation top Drilled past estimated formation top, Maintain 69 +/- degree Inc. @ 330 Azi., ODM @ 15.9 ppg/5 vis						

Date :	<b>3/30/2008</b>	Days:	51	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : 8006' MD - Salt, vary 7.4 to 36.6 FPHw/ 18 to 32K WOB, 2560 PSI, 69.2 Inc/330.78 Azi @ 8050' MD 20% Shale & Anhydrite/80% Salt, 20 units background gas, OBM 15.9 ppg/59 vis, 2810 PSI, 2.7 ROP @ 8174' MD / 7767' TVD Lost Transmission on pump #1 @ 8178', Was in the process of changing seats in pump #2, monitor well for flow - 0, Pull 14 stands into casing @ 7390', Will repair both pumps before we continue to drill Replaced valve seats in pump #2, TIH and break circ while changing out transmission on pump #1 RTD, 22.8k WOB, 2844 PSI @ 4 BPM, 2.5 ROP rotating 65 rpm on swivel, 70.87 Inc./326.93 Azi						

Date :	<b>3/31/2008</b>	Days:	52	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : Shale/Anhy-trace of Salt, Inc. @ 71.98 degree 326.27 Azimuth Took a 30 Bbl kick, pull to high swivel and shut pump down, monitor till flow subsided, RTD Drilling @ 8212' MD/7771' TVD 1.5 to 2.0 FPH ROP, mud @ 16.1 / 62 vis Took a small increase in fluid, pull to high swivel, flow died Pump #2 started to surge, switch to pump #1, suspect a slug of LCM went thru the system						

Date :	<b>4/1/2008</b>	Days:	53	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : Pull 15 stands into casing and tear down both fluid ends TIH, swivel up @ 8202', break circ RTD @ 8227', Drilling/Slide, drill to 8229' MD, @ 8226' where we had the small flow the motor torques and releases constantly and has an over pull of 8.6 to 14.2 K, Pressure runs smooth @ 2565 PSI 160 gpm, slowly working bit thru to ream of side bite.Swivel and Motor continue to stall, concerned the bit has dropped a cone, R/D swivel TOH						

Date :	<b>4/2/2008</b>	Days:	54	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : All three cones gone off bit, decided to go after the cones with a Globe Basket, order out tools Pick up Double finger Globe Basket , Jar and TIH Finish trip in hole R/U swivel, break circ, Tag .2' high, Rotating @ 40 rpm, 50 spm @ 855 Psi, Torque in string for first 4 inches then smoothed out, cored 2.5', kicked out pump and dry drilled for ten minutes, pulled up slowly, felt no break, R/D swivel						

<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	<b>4/3/2008</b>	Days:	55	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	Other : TOH slowly Break down tools, ALL three cones intact inside of Globe Basket, Make up Reed Milltooth bit on mud motor, pick up Monel DC's with MWDFlow test motor at surface, TIH w/ BHA, fill DP every 15 stands, R/U swivel, break circ, check weight indicator, start mud cleaner, Circ bottoms up, RTD, Rotate and circ F/ 8205' T/ 8229', cutting new hole, good pulse from MWD, Mud 16.1# / 60 Vis						

Date :	<b>4/4/2008</b>	Days:	56	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : 123 SPM @ 2554 PSI, ROP @ 3.6 average Last survey @ 8182', 72.47 Inc. / 326,82 Azi., 7765.29' TVD, Currant MD @ 8264', last Gamma 202.4 CPS ROP @ 4.1 FPH, 2554 PSI, Mud 16.1# / 60 Vis, 25K WOB ROP increase at 8266' to 8275', Sample show siltstone, 8275' on show shale, start building in curve						

Date :	<b>4/5/2008</b>	Days:	57	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : ROP 1.4 to 5.8, Mud @ 16#/55 vis, 171 GPM @ 2733 PSI, 20.2K WOB Sample at 8310' MD 40% Siltstone/205 Shale/40% Anhydrite ROP increase @ 8329" MD, Sample 100% Salt, 78 Degree Inc. / 327.25 Degree Azi., 8336.9' MD / 7807' TVD Samples 70% Salt/20% Shale/10% Anhydrite ROP decrease to 2.2 FPH, Samples 80% Anhydrite/10% Salt/5% Siltstone/5% Shale Shut down due to pump issues, pull into casing @7390'. Secure Well Bore Repair parts are on location, Pump #1 - packing washed on center jug, threads on packing nut						

Date :	<b>4/6/2008</b>	Days:	58	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : are crossed, Pump #2 - Threads on pony rod are gaulded, both pumps are inoperable, obtained pump from LEED Energy of Grand Junction, CO., anticipate delivery by noon 4/6/08 While waiting on second pump change out complete fluid end on pump #1						

Date :	<b>4/7/2008</b>	Days:	59	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 6:59	3.98 hr	Category/Rmks:	DRLG : Second pump arrived - GD PJ8 4.5 x 8, spot pumps in and rig in hard line Run two stands DP to clear window at 7390', Test both pumps, TIH to bottom R/U swivel & break circ, 2617 PSI, mud @ 16.1#/57 Vis, <b>Drilling F/ 8395' MD / 7854' TVD</b> , 81 Degree Inc./324.58 degree Azi, 24.5K WOB, three samples - 90/10Salt/Anhy, 100/Salt, 90/10 Salt Anhy ROP @ 15 FPH, 8422' p-rate dropped to 2 FPH ROP increased back to 16 FPH, Samples from 8430' and 8440' both 100% Salt 100% Salt in all samples <b>Decision made to plug back leg to well bore</b> , Circulate bottoms up, Call BLM for plugging orders						

Lateral 2 total depth

<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat		AFE #:	070241		
Sec/Twp/Rge:	08 / 26S / 20E		AFE Total:	\$85,185		
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	4/8/2008	Days:	60	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :  
Daily Report Detail:

From 7:00 To 6:59	3.98 hrs	Category/Rmks:	Other : R/D swivel, TOH, lay down MWD and directional tools Night crew short handed, Run 6" bitbit sub, 2 Monel collars, 2 7/8" PH6, 4 3/4" DC's TIH T/ 7390', Drop double Multi-Shot Gyro, TIH T/ 8486', break circ, pump for 45 minutes TOH, Lay down Multi-Shot and Monel DC's TIH open ended to 2994', Secure well, SDFN (Night crew released-turnover to Daylight Work)						
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Date :	4/9/2008	Days:	61	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :  
Daily Report Detail:

From 7:00 To 6:59	3.98 hrs	Category/Rmks:	Other : TIH to 8460', circ hole while rigging up Halliburton, pump 9.1 Bbbls 16.5# Tuned Spacer, 11Bbbls 17# Class G cement, 1.9 Bbbls 16.5# Tuned Spacer, displace with 52.5 Bbbls OBM, estimated height of cmt at 8146', pull 26 jts DP to 7638', pump 9.3 Bbbls 16.5# Tuned Spacer, 11 Bbbls 17# class G cement, 1.7 Bbl 16.5# Tuned Spacer, displace with 46.6 Bbbls OBM, <b>estimated height of cement @ 7324'</b> Pull 8 jts DP, reverse circ out any cement out to pit, rack back Power Swivel, move out catwalk and rig in Little Tripper, start transferring OBM to storage.						
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**Lateral 2 abandoned**

Date :	4/10/2008	Days:	62	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :  
Daily Report Detail:

From 7:00 To 19:30	2.5 hrs	Category/Rmks:	Other : Lay down 3 1/2" drill pipe, 4 3/4" drill collars and 2 7/8" PH6 tubing Load out drilling mud material, Transfer 160 Bbbls 16.1# OBM to 16-1, haul catwalk to 1-1, set out pump Rig down flare stack, Super Chokes, Remote Panel and Pason						
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Date :	4/11/2008	Days:	63	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Other		Rig Name:						

Daily Report Summary :  
Daily Report Detail:

From 7:00 To 18:00	11 hrs	Category/Rmks:	RDMO : Rig down & release support equipment cleaning rig						
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Date :	4/12/2008	Days:	64	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	RDMO Rig		Rig Name:						

Daily Report Summary :  
Daily Report Detail:

From 7:00 To 12:00	5 hrs	Category/Rmks:	RDMO : RD camps, water, sewer & generator; Return to Casper						
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Date :	4/13/2008	Days:	65	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	RDMO Rig		Rig Name:						

Daily Report Summary :  
Daily Report Detail:

From To	0 hrs	Category/Rmks:	Other : Crews off for weekend						
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Date :	6/24/2008	Days:	137	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						

Daily Report Summary :  
Daily Report Detail:

From 7:00 To 15:00	8 hrs	Category/Rmks:	MIRU : RU. Set BOP & accumulator. RD. Move to 19-1.						
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<b>Well Name : Cane Creek 8-1</b>						
Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	<b>6/27/2008</b>	Days:	140	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 15:00	8 hrs	Category/Rmks:	MIRU : ove from 10-1 to location. Spot rig & rig up. ND BOP. Work on tubing head locator pin. Old pin sheared off. Replace with new pin. NU BOP. Secure well. SD until 6-30-08.						

Date :	<b>6/30/2008</b>	Days:	143	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 16:00	9 hrs	Category/Rmks:	Other : Tally tbg. Test BOP equipment. Pipe rams won't test. Call for rams out of Vernal. Move frac tanks & fluids from 16-1. Unload 13000 gals diesel. Rams arrived @ 15:30. Install new rams & door seals. Test BOP equipment. (16:30) PU 116 jts 2-7/8" tbg. Secure well. SDFN.						

Date :	<b>7/1/2008</b>	Days:	144	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 15:00	8 hrs	Category/Rmks:	Other : Wait on trucks to haul off OBM. Circulate mud out from 3660'. PU 117 jts 2-7/8" tbg. Tag @ 7337'. Pull 1 jt. Circulate 195 bbls OBM. Return line plugged off. Shut down. Clean rocks & balls of hard cement out of lines. Break circulation. Pump 20 bbls. Lines plugged again. Bleed off. Clean lines. Can not circulate either direction. Open rams. PU on tbg. Pull 5K over. Pipe moving. Pull 15'. Pulled tight. Slack off. No movement up or down. Haul off 215 bbls OBM. Secure well. SDFN.						

Date :	<b>7/2/2008</b>	Days:	145	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 15:00	8 hrs	Category/Rmks:	Other : Bleed off tbg. Open rams. Pipe free. RIH 15'. Pull 1 full jt. RIH 1 jt. RU pump. Pump 20 bbls down annulus. Switch manifold. Pump 20 bbls down tbg. Diesel returns changed to mud. Pump 2 bbls. Packed off. Bleed off. Pump down annulus. Circulate down annulus 265 bbls w /clean diesel. Haul off 65 bbls OBM. Total OBM sent to Pinedale Wyo. 270 bbls. POOH w / tbg. MU 6" bit & 7" csg scraper. TIH to 6990'. Didn't see anything w / scraper. Secure well. SDFN.						

Date :	<b>7/7/2008</b>	Days:	150	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 17:00	10 hrs	Category/Rmks:	Other : RU Weatherford wireline to perforate. Test lubricator to 6000#. RIH w 3-3/8" guns 6 spf 60 degree. phasing 25 gram charges .36" EH. <b>Perforate 6942'- 6959' 17'</b> 103 holes, <b>6920'- 6927'</b> , 7', 42 holes. Correlated to Weatherford cement bond log dated 2-15-2008. No change in well bore after perforating. POOH. RD & release Weatherford wireline. Ready to pump D/FIT in A.M. Secure well. SDFN.						

Vertical hole perforated

Date :	<b>7/8/2008</b>	Days:	151	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 0:00	17 hrs	Category/Rmks:	Other : SICP 0#. RU Weatherford pumping services. Test lines to 8500#. Pump 2000 gals diesel 3 BPM @ 4550#. ISIP 4410#. 5 min 4320#, 10 min 4297#, 15 min 4297#. Constantly record pressures every 3 seconds for next 48 hrs. Pressure @ midnight 4192#.						

**Well Name : Cane Creek 8-1**

Prospect:	Big Flat			AFE #:	070241	
Sec/Twp/Rge:	08 / 26S / 20E			AFE Total:	\$85,185	
API #:	43-019-31449	Field:	Cane Creek Fed	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Exploration & Product	Supervisor:	Greg Creel	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date:	7/9/2008	Days:	152	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 0:00 To 0:00	24 hrs	Category/Rmks:	Test : Pressure 4192#. Record pressure every 3 seconds. Pressure @ midnight 4185#.						

Date:	7/10/2008	Days:	153	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 0:00 To 0:00	24 hrs	Category/Rmks:	Test : Pressure 4185#. Record pressure until 9:46. SICP 4176#. RD Weatherford. Bleed well down to tank. Recover 3 bbls. PU Weatherford Arrow Set packer & S/N. TIH w 215 jts 2-7/8" tbg. MU hanger. Set packer @ 6800' w / 25000# compression. ND BOP. NU tree & test. RU swab. SFL @ surface. Make 6 swab runs. Recover 39 bbls fluid. EFL @ 6800'. Secure well. SDFN.						

Date:	7/11/2008	Days:	154	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 15:00	8 hrs	Category/Rmks:	Other : SITP 20#. SFL @ 5500'. Make 1 swab run from S/N. Recover 5 bbls diesel. Make 3 runs 1 hour apart. No fluid entry. Secure well. SD until 7-14-08.						

Date:	7/14/2008	Days:	157	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :									
Daily Report Detail:									
From 7:00 To 12:00	5 hrs	Category/Rmks:	Other : SITP 0#. SFL @ 5500'. Make run from S/N. Recover 5 bbls diesel. Wait 1 hr. Make run. No entry. RD. Move to Utah State 16-1						

**Casing**

DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
8/10/2007	0	0	1. Conductor	0	0			0	38
11/8/2007	0	0	3. Surface	0	0			17.5	1559
Stage: 1, Lead, 0, 325, Surface, Fine Grained, 4.2, 10.5									
Stage: 1, Tail, 0, 700, Surface, Class G, 1.15, 15.8									
11/23/2007	4108.71	96	4. Intermediate	9.625	40	HCL-80	0	12.25	4109
Stage: 1, Lead, 0, 1000, Intermediate, Class G, 1.95, 14.3									
Stage: 1, Tail, 0, 550, Intermediate, Class G, 1.47, 14.3									
12/18/2007	7720.24	177	5. Production	7	29	HCP-110	6.184	8.75	7720
Stage: 1, Tail, 0, 900, Production, , 1.13, 16.4									

**Perforation**

Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
2/18/2008	Cane Creek	Open	7580	7655	0	

**UTAH DIVISION OF OIL, GAS AND MINING**

**NOTICE OF REPORTING PROBLEMS**

Operator: Fidelity E&P Company Account: N3155 Today's Date: 10/23/2008

Problems:

- Late Report(s)
- Inaccurate Report(s)
- Incomplete Report(s)
- Other: \_\_\_\_\_

Failure to submit reports in a timely, accurate, and complete manner may result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

**To avoid compliance action, these reporting problems should be resolved within 7 days.**

Send reports to:

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Fax to:

(801) 359-3940

*8 265 202  
Cane Creek 8-1*

Type of Report	Month(s) of Problem Report		
<input type="checkbox"/> Production – Form 10 <input type="checkbox"/> Disposition – Form 11 <input type="checkbox"/> Gas Plant – Form 13 <input type="checkbox"/> Enhanced Recovery – UIC Form 2 <input type="checkbox"/> Injection – UIC Form 3 <input type="checkbox"/> Other _____			
Type of Report	Well Name(s)	API Number(s)	Drilling Commenced
<input type="checkbox"/> Spud Notice – Form 9 <input checked="" type="checkbox"/> Drilling Reports – Form 9 <input type="checkbox"/> Well Completion Report – Form 8 <input type="checkbox"/> Other _____	Cane Creek 8-1 Tenmile Wash ST 16-1  <input type="checkbox"/> List Attached	4301931449 4301931576	08/10/2007 04/25/2008

Description of Problem:

Per R649-3-6 2.4 The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month.

If you have questions or concerns regarding this matter, please contact Rachel Medina at (801) 538-5260 .

cc: Compliance File  
RAM  
Well File  
CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68122
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UTU80000
2. NAME OF OPERATOR: Fidelity Exploration and Production Company		8. WELL NAME and NUMBER: Cane Creek 8-1
3. ADDRESS OF OPERATOR: 2585 Heartland Drive CITY Sheridan STATE WY ZIP 82801		9. API NUMBER: 4301931449
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563' FNL & 1429' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		10. FIELD AND POOL, OR WILDCAT: Wildcat COUNTY: Grand STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/16/2008	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Chronological report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>ID 7720 ft.</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on this well during the covered period of 10/9/2008 thru 12/16/2008.

Fidelity is suspending operations on this well until further notice.

**CONFIDENTIAL**

NAME (PLEASE PRINT) <u>Stephanie Masters</u>	TITLE <u>Operations Technician III</u>
SIGNATURE <u><i>Stephanie Masters</i></u>	DATE <u>12/16/2008</u>

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**CONFIDENTIAL**

# CONFIDENTIAL

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: UTU80000
		8. WELL NAME and NUMBER: Cane Creek 8-1
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	9. API NUMBER: 4301931449	
2. NAME OF OPERATOR: Fidelity Exploration and Production Company	10. FIELD AND POOL, OR WILDCAT: Wildcat	
3. ADDRESS OF OPERATOR: 2585 Heartland drive CITY Sheridan STATE WY ZIP 82801	PHONE NUMBER: (307) 675-4924	
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2563' FNL & 1429 FWL COUNTY: Grand		
QTR/QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

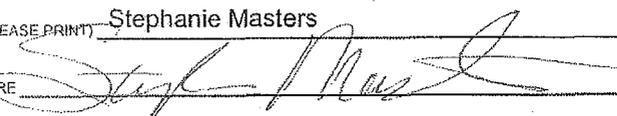
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/16/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Chronological report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on this well during the covered period of 12/17/2008 thru 3/11/2009.

Fidelity will continue to suspend operations on this well until further notice.

# CONFIDENTIAL

NAME (PLEASE PRINT) <u>Stephanie Masters</u>	TITLE <u>Operations Technician III</u>
SIGNATURE 	DATE <u>3/11/2009</u>

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**RECEIVED**  
**MAR 11 2009**

DIV. OF OIL, GAS &amp; MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: UTU80000
2. NAME OF OPERATOR: Fidelity Exploration and production Company		8. WELL NAME and NUMBER: Cane Creek 8-1
3. ADDRESS OF OPERATOR: 2585 Heartland drive    CITY: Sheridan    STATE: WY    ZIP: 82801		9. API NUMBER: 4301931449
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563' FNL & 1429' FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E		COUNTY: Grand
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/1/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Chronological Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on this well from 3/12/2009 thru 4/1/2009.  
Fidelity will continue to suspend operations on this well until further notice.

RECEIVED

APR 01 2009

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

NAME (PLEASE PRINT) <u>Stephanie Masters</u>	TITLE <u>Operations Technician III</u>
SIGNATURE	DATE <u>4/1/2009</u>

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CONFIDENTIAL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: UTU80000

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER: Cane Creek 8-1

2. NAME OF OPERATOR: Fidelity Exploration and Production Company

9. API NUMBER: 4301931449

3. ADDRESS OF OPERATOR: 2585 Heartland Drive CITY Sheridan STATE WY ZIP 82801 PHONE NUMBER: (307) 675-4924

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2563' FNL & 1429' FWL COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 8 26S 20E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/18/2009	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Chronological Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on this well from 4/2/2009 thru 5/18/2009.  
Fidelity will continue to suspend Operations on this well until further notice.

CONFIDENTIAL

NAME (PLEASE PRINT) Stephanie Masters TITLE Operations Technician III

SIGNATURE  DATE 5/18/2009

(This space for State use only)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/9/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: Chronological Report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on this well from 7/18/2009 to 9/9/2009.  
 Fidelity wil continue to suspend operations on this well until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 September 23, 2009

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/9/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 10/1/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on this well from 7/18/2009 thru 10/1/2009.  
 Fidelity will continue to suspend operations on this well until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 01, 2009

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/1/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
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<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
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<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
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<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 11/4/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is reporting that there has been no work done on this well from 10/1/2009 thru 11/4/2009. Fidelity will continue to suspend operations on this well until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 04, 2009

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
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<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
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<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
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<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
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<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 12/3/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on the referenced well from 11/5/2009 thru 12/3/2009. Fidelity will continue to suspend operations on this well until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 03, 2009

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/3/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 1/5/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There has been no work done on the referenced well from 12/3/2009 thru 1/5/2010. Fidelity will continue to suspend operations on this well until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 January 05, 2010

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/5/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 2/11/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is reporting that there has been no work done on this well from 1/1/2010 thru 2/11/2010. Fidelity will continue to suspend operations on this well until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 February 11, 2010

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/11/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 3/3/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is reporting that there has been no work done on this well from 2/11/2010 thru 3/3/2010. Fidelity will continue to suspend operations until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 March 04, 2010

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/3/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  7. <b>UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 4/13/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is reporting that there has been no work done on this well from 3/4/2010 thru 4/13/2010. Fidelity will continue to suspend operations until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 April 14, 2010

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/13/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/13/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is reporting that there has been no work done on this well from 4/13/2010 thru 7/13/2010. Fidelity will continue to suspend operations until further notice.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 14, 2010

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/13/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 2585 Heartland Drive , Sheridan, WY, 82801 8543	<b>PHONE NUMBER:</b> 303 893-3133 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/16/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is requesting to keep referenced well in SI status as they are in the process of reviewing data to establish potential plans.

**REQUEST DENIED**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** 01/04/2012  
**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Stephanie Masters	<b>PHONE NUMBER</b> 307 675-4924	<b>TITLE</b> Operations Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/16/2011	

Please Review Attached Reasons for Denial



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43019314490000**

**See requirements of R649-3-36.**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street Ste 2800 , Denver, CO, 80203	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	<b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/18/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity intends to plug the Clastic 18/19 completion and complete and test Clastic 12. Clastic 12 will then be plugged and Clastic 10 completed and tested per the following: 1.MIRU rig and equipment. MU and test BOPE. 2.Pressure test casing annulus. Release packer and TOH. 3.Clean out well to below Clastic 18/19. 4.Plug Clastic 18/19 completion (6920–6959 gross) with a 200' minimum balanced plug. a.Place cement plug 6980 to 6780 minimum (220; 45.9 ft3/40 sxs; Class G 15.8 ppg w/ additives) b.Pull 4 stands and reverse circulate clean. c.Pull 4 stands. Apply 500 psi SP and WOC. 5.Perforate Clastic 12 (5808–5822 gross) with higher performance SDP charges and test well. Do not plan to break down perforations. 6.Plug Clastic 12 completion with a bridge plug at ~5695. a.Dump bail 10' cement cap. b.Pressure test casing to CIBP.7.Perforate Clastic 10 (5610 - 5654 gross)and test well. 8. RDMO

**Accepted by the Utah Division of Oil, Gas and Mining**

**Date:** June 13, 2013

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Joy Gardner	<b>PHONE NUMBER</b> 720 956-5763	<b>TITLE</b> Sr. Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/3/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-68122
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: CANE CREEK
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: CANE CREEK 8-1
2. NAME OF OPERATOR: FIDELITY E&P COMPANY	9. API NUMBER: 43019314490000
3. ADDRESS OF OPERATOR: 1700 Lincoln Street Ste 2800 , Denver, CO, 80203	PHONE NUMBER: 720 931-6459 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2563 FNL 1429 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED  COUNTY: GRAND  STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/15/2013  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity would like to reenter the Cane Creek 8-1 well as per attached 8-pt plan to **drill Horizontal #3** and make it a producing well. First, the perforations from 5604 – 5614' and 5634 – 5650' must be abandoned (see attached for current wellbore schematic). Fidelity requests permission to pull the tubing, pull the packer (at 5472') and perf gun assembly, and set a balanced cement plug of class G cement from 5750 – 5400'. RDMO service rig. MIRU drilling rig. Set whipstock at +/-5110' and mill 6" window in 7" casing. Directional drilling tools will then be used to kick off, build a curve, and land the sidetrack in the Clastic 10 formation at approximately 5860' MD/5636' TVD. A 6" lateral will then be drilled per the attached directional plan to a TD of +/-9665' MD Fidelity's contact person for this program is Sr. Drilling Engineer Jody Robins at 720-931-6459.

**Approved by the**  
**Utah Division of**  
**Oil, Gas and Mining**

Date: 10-07-13  
 By: *[Signature]*

Federal Approval of this Action is Necessary

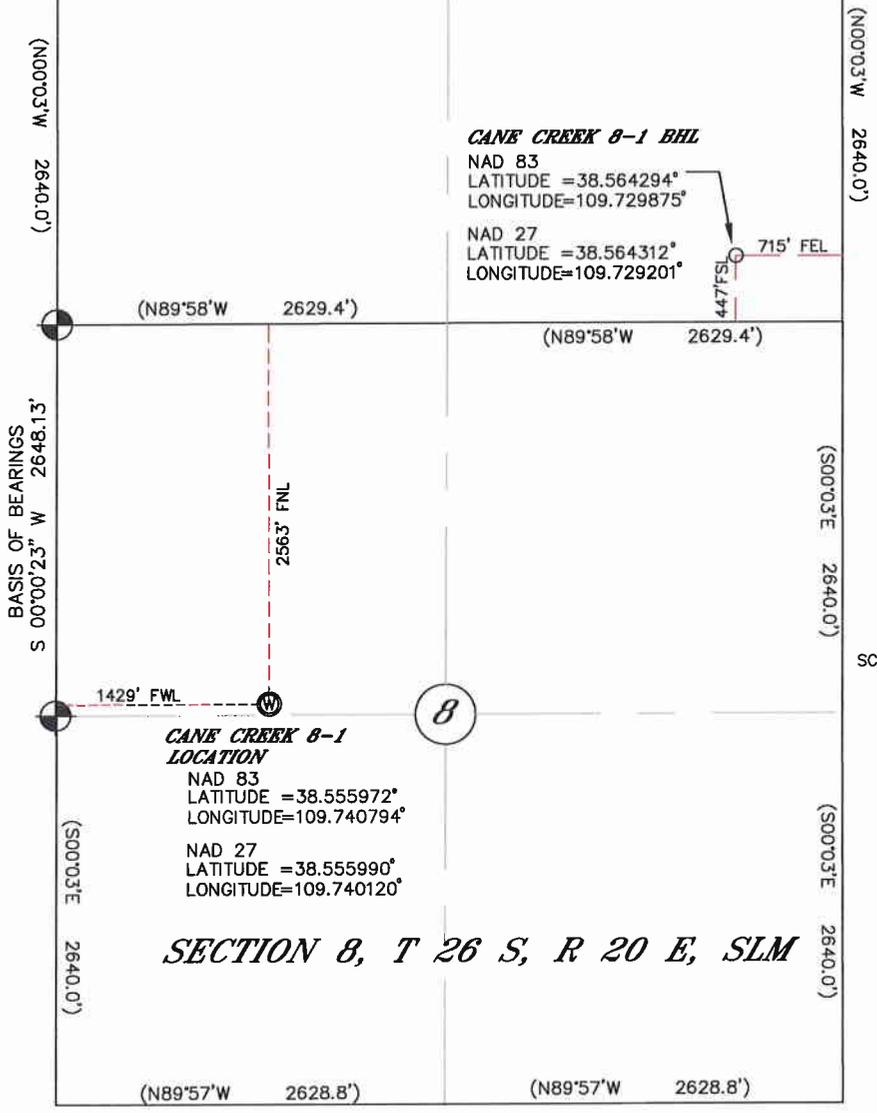
609707X  
 4268257Y  
 38.555984  
 -109.740913

610649X  
 4269191Y  
 38.564284  
 -109.729955

NAME (PLEASE PRINT) Joy Gardner	PHONE NUMBER 720 956-5763	TITLE Sr. Engineering Tech
SIGNATURE N/A	DATE 9/27/2013	

SECTION 5, T 26 S, R 20 E, SLM

5



(N00°03'W) 2640.0'

(S00°03'E) 2640.0'

(S00°03'E) 2640.0'

SCALE 1"=1000'

BASIS OF BEARINGS  
 26°48'13" W  
 26°00'00" S

**LEGEND**

- FOUND GOVERNMENT BRASS MONUMENT
- SET SPIKE WITH LATH AT PROPOSED WELL LOCATION

NOTES: DATA IN PARENTHESIS IS OF RECORD. ALL OTHER DATA IS SURVEYED DATA.

TIMOTHY M. KEOGH



09-17-13

DATE

**KEOGH LAND SURVEYING**  
 45 EAST CENTER STREET MOAB, UTAH, 84532

A SURVEY OF  
**CANE CREEK 8-1**  
 WITHIN SECTION 8, T 26 S, R 20 E, SLM,  
 GRAND COUNTY, UTAH

PREPARED FOR  
**FIDELITY EXPLORATION & PRODUCTION CO.**

DATE: 09-17-13	DRAWN BY: EJ	CHECKED BY: TMK
SCALE: 1"=1000'	F.B.# 141	FIDELITY 8-1.DWG

**Fidelity Exploration & Production Company Eight Point Plan**

**CANE CREEK 8-1H3**  
**SEC 8 / T26S / R20E, 2563' FNL & 1429' FWL**  
**GRAND COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Sub-Sea (ft)</b>	<b>Lithology</b>	<b>Objective</b>
Windgate Sand	N/A		Sandstone	
Chinle	N/A		Sand/Shale	
Moenkopi	N/A		Sand/Shale	
Cutler	N/A		Sandstone	
Honaker Trail	N/A		Sand/Evaporite	
Paradox	N/A		Salt/Clastics	
Clastic 10	5599	433	Shale	Primary
T.D.	5955	77		
T.D. (LATERAL MD)	±9665			

Estimated TD: **5955' TVD/ 9665' MD**

**Anticipated BHP: ±5100 Psig**

1. Lost circulation in all intervals.
2. Cement isolation is installed to surface of the well isolating all zones by cement and casing.

**3. PRESSURE CONTROL EQUIPMENT:** Intermediate & Production Hole – 10,000 Psig BOP schematic diagrams attached.

**4. CASING PROGRAM:**

<b>CASING</b>	<b>Hole Size</b>	<b>Length</b>	<b>Size</b>	<b>WEIGHT</b>	<b>Grade</b>	<b>Thread</b>	<b>Collapse</b>	<b>Burst</b>	<b>Tensile</b>
							(psi) a	(psi) b	(1K lbs) c
Existing		0-3367'	7"	26	HCP-110	LTC	6230	7968	
Existing		3361-7715'	7"	29	HCL-80	LTC	9200	8160	
Production	6"	4860 – 9665'	4-1/2"	13.5	HCP-110	BTC	11,250/2.2	12,410/2.4	448/2.7

Production based on full evacuation: a=16.5 ppg fluid on backside, b=16.5 ppg inside, & c=16.5 ppg fluid + 100K overpull

**All casing will be new or inspected.**

**Fidelity Exploration & Production Company Eight Point Plan**

**CANE CREEK 8-1H3**  
**SEC 8 / T26S / R20E, 2563' FNL & 1429' FWL**  
**GRAND COUNTY, UTAH**

**5. Float Equipment:**

**Production Hole Procedure (4860' - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to liner hanger. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint. Two centralizers on the shoe joint, then 1 every joint to liner top at ± 4860'.

**6. MUD PROGRAM**

<b>Interval</b>	<b>Mud Type</b>	<b>Mud Wt.</b>	<b>PV / YP</b>	<b>OWR</b>
5110'- TD	Oil Based Mud	13.5-16.5 ppg	22-32 / 12-22	+/-90:10

**Production Hole Procedure (5110' - TD):** Anticipated mud weight 12.5 – 16.5 ppg depending on actual wellbore conditions encountered while drilling.

An oil based mud (OBM) system will be used to prevent fluid interaction with the salts and shales. LCM sweeps, pills, etc., will be used to prevent fluid loss. Adequate amounts of weighting material will be on hand as needed for well control.

**7. EVALUATION PROGRAM:**

**Mud Logs:** Mud log from Exit to TD.  
**Open-hole Logs:** LWD Gamma Ray only

**8. CEMENT PROGRAM:**

**Production Hole Procedure (±5110 – TD):**

**Lead:** 200 sks Weighted Class G + 10% Silica Flour + 25% 100 Mesh sand. Yield = 1.73 ft<sup>3</sup>/sk @ 16.80 ppg.

**Tail:** 400 sks Weighted Class G cement + 75 pps Hematite + LCM. Yield = 1.73 ft<sup>3</sup>/sk @ 18.00 ppg.

**Note:** The above number of sacks is based on gauge-hole calculation, 30% excess. Final Cement volumes will be based upon gauge-hole plus 30% excess and the actual depth drilled to.

**Fidelity Exploration & Production Company Eight Point Plan**

**CANE CREEK 8-1H3**  
**SEC 8 / T26S / R20E, 2563' FNL & 1429' FWL**  
**GRAND COUNTY, UTAH**

**10. ABNORMAL CONDITIONS:**

**Production Hole (5110± - TD):**

Lost circulation zones and over pressure in the production zone.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

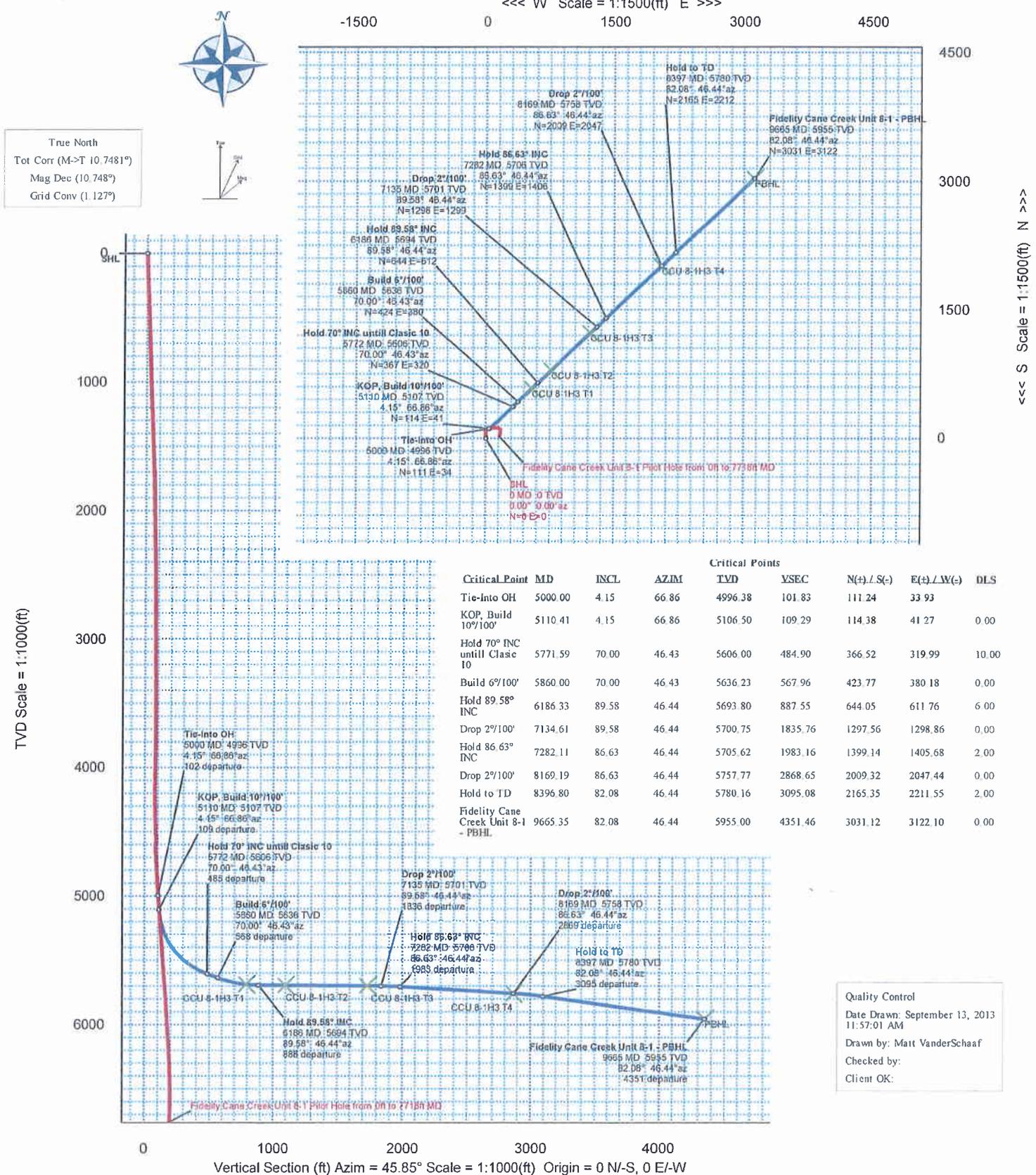
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

WELL	Fidelity Cane Creek Unit 8-1	FIELD	UT Grand County NAD27	STRUCTURE	Fidelity Cane Creek Unit 8-1
------	------------------------------	-------	-----------------------	-----------	------------------------------

Magnetic Parameters Model: BGGM 2012 Dip: 64.556° Mag Dec: 10.748°	Date: May 23, 2013 FS: 51225.4n7	Surface Location Lat: N 33 33 21.564 Lon: W 109 44 24.431	NAD27 Utah State Plane, Central Zone, US Feet Northing: 86054.70 NUS Easting: 2503334.30 RUS Grid Conv: 1.1277 Scale Fact: 1.00014546	Miscellaneous Slot: Fidelity Cane Creek Unit 8-1 Plan: R5 mdy 12Sept13	TVD Ref: RKB(6032R above W/SL) Sny Date: /May 23, 2013
---	-------------------------------------	---	---	--	---

**Proposal**



Critical Point	MD	INCL	AZIM	TVD	YSEC	N(+)/S(-)	E(+)/W(-)	DLS
Tie-into OH	5000.00	4.15	66.86	4996.38	101.83	111.24	33.93	
KOP_Build 10°/100'	5110.41	4.15	66.86	5106.50	109.29	114.38	41.27	0.00
Hold 70° INC until Classic 10	5771.59	70.00	46.43	5606.00	484.90	366.52	319.99	10.00
Build 6°/100'	5860.00	70.00	46.43	5636.23	567.96	423.77	380.18	0.00
Hold 89.58° INC	6186.33	89.58	46.44	5693.80	887.55	644.05	611.76	6.00
Drop 2°/100'	7134.61	89.58	46.44	5700.75	1835.76	1297.56	1298.86	0.00
Hold 86.63° INC	7282.11	86.63	46.44	5705.62	1983.16	1399.14	1405.68	2.00
Drop 2°/100'	8169.19	86.63	46.44	5757.77	2868.65	2009.32	2047.44	0.00
Hold to TD	8396.80	82.08	46.44	5780.16	3095.08	2165.35	2211.55	2.00
Fidelity Cane Creek Unit 8-1 - PBHL	9665.35	82.08	46.44	5955.00	4351.46	3031.12	3122.10	0.00

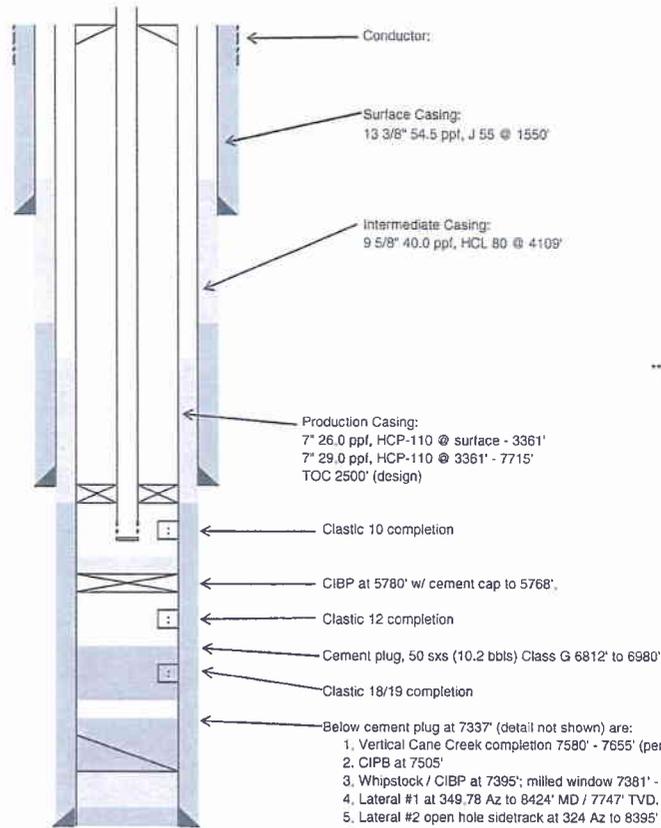
Quality Control  
Date Drawn: September 13, 2013 11:57:01 AM  
Drawn by: Matt VanderSchaff  
Checked by:  
Client OK:

**Wellbore Diagram for Test of Clastics 10 and 12 07/23/13**

 <p><b>FIDELITY</b> Exploration &amp; Production Company <small>An MDU Resources Group company</small></p>	<b>WELL NAME:</b> Cane Creek Unit 8-1	<b>SECTION, TOWNSHIP, RANGE:</b> SENW Sec. 8 26S 20E	<b>At Total Depth:</b>
	<b>FIELD:</b> Cane Creek	<b>Surface:</b>	<b>At Total Depth:</b>
	<b>LOCATION:</b> Grand County, UT	<b>SURFACE LAT (NAD83):</b>	<b>Lease:</b>
	<b>API#:</b> 43-019-314490000	<b>SURFACE LONG (NAD83):</b>	<b>Abstract:</b>
	<b>AFE NUMBER:</b> 130105	<b>KB:</b> 27' AGL	<b>Survey:</b>
	<b>SPUD DATE:</b>	<b>GL:</b> 6005	<b>Distance to Survey Lines:</b>
<b>REVISION DATE:</b> 09/25/2013	<b>UPDATED BY:</b> RAB	<b>Distance to Lease Lines:</b>	

Pipe	Size inches	Grade	Weight ppf	Conn	OD inches	ID inches	Drift inches	Burst psi at 100%	Collapse psi at 100%	TOC feet	Top feet	Btm feet	Hole inches
Conductor													
Surf Csg	13 3/8	J-55	54.5		13.373	12.615		3,450	1,950		Surf	1,550	17 1/2
Inter Csg	9 5/8	HCL-80	40.0		9.625	8.835		5,750	**3090		Surf	4,109	12 1/4
Prod Csg	7	HCP-110	26.0	LTC	7.000	6.276		9,950	**6210	~2500	Surf	3,361	8 3/4
Prod Csg	7	HCP-110	29.0	LTC	7.000	6.184		11,220	**8510		3,361	7,715	8 3/4

**Current Status:** Suspended uphole clastic test work 07/23/13.  
**Notes:** 07/06/13 RU to PA Clastic 18/19 by cmt, perforate and test Clastic 12, plug Clastic 12 by CIBP, & perforate and test Clastic 10. Clastic 12 and 10 both tested with little to no entry. Suspended work 07/23/13.



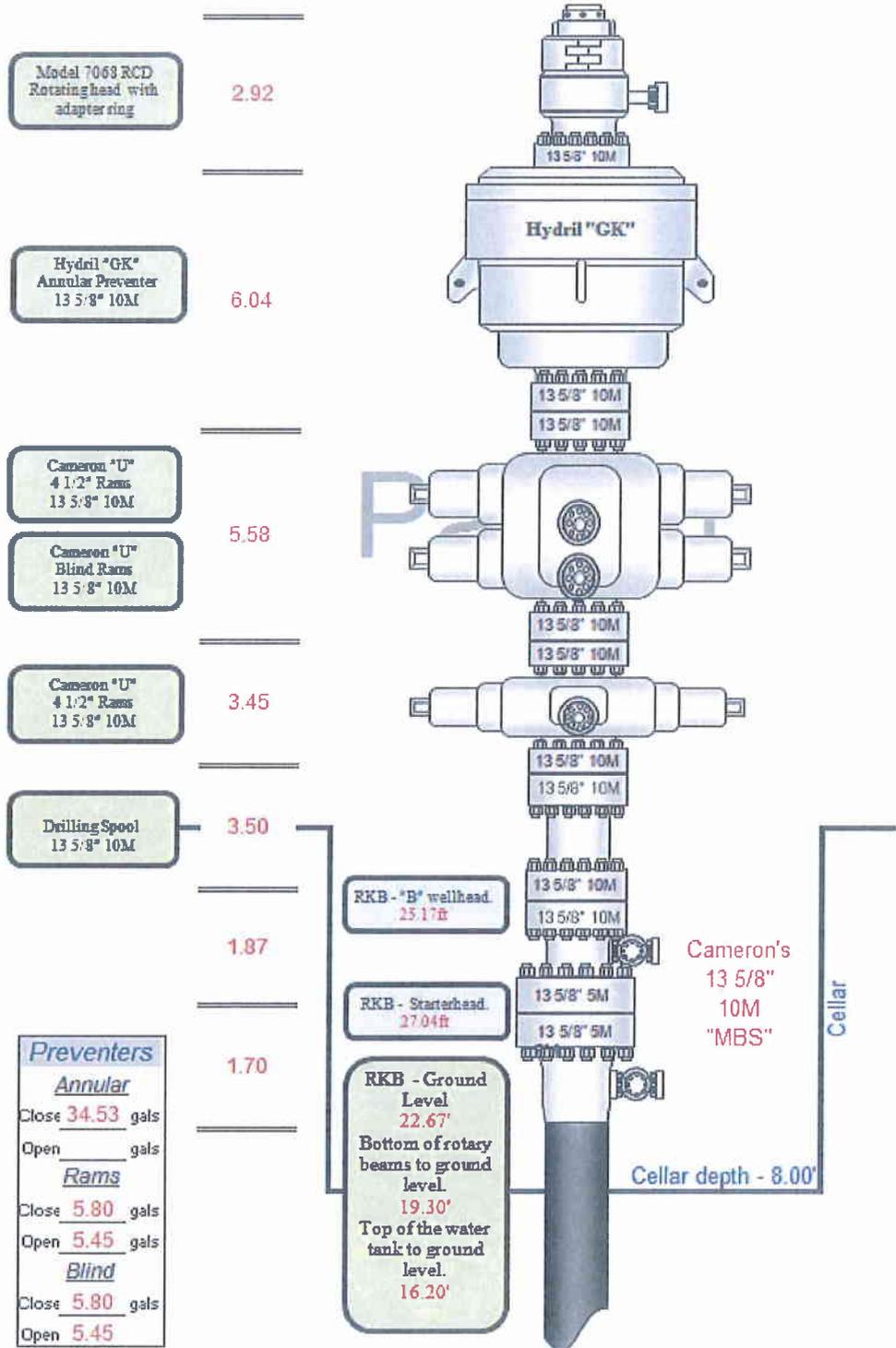
	Top (MD) feet	Btm (MD) feet	Top (TVD) feet	Btm (TVD) feet	Net Int (MD) feet	Size inch	SPF #	Phase deg	Holes #	Status	Blank (MD) feet
* Clastic 10	5,804	5,614			10	0.4	5	60	50		
* Clastic 10	5,634	5,650			16	0.4	5	80	80		20
* Clastic 12	5,804	5,618			14	0.4	5	60	70		
** Clastic 18/19	6,920	6,927			7	0.4	5	60	35		
	6,942	6,959			17	0.4	5	60	35		15

\*TCP System: 4 1/2" EHC, 5 spf, 60 deg phase, 39 gm, SDP-4500-411NT3 Super Hero charges  
 \*\*TCP System: 3 3/8" EHC, 6 spf, 60 deg phase

Sundry Number : 42970 API Well Number : 43019314490000

Fidelity Exploration & Production Company Eight Point Plan

**CANE CREEK 8-1H3**  
**SEC 8 / T26S / R20E, 2563' FNL & 1429' FWL**  
**GRAND COUNTY, UTAH**



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/27/2013

API NO. ASSIGNED: 43-019-31449

WELL NAME: CANE CREEK 8-1  
 OPERATOR: FIDELITY E&P COMPANY ( N3155 )  
 CONTACT: JOY GARDNER

PHONE NUMBER: 720-956-5763

PROPOSED LOCATION:

SE NW 08 260S 200E  
 SURFACE: 2563 FNL 1429 FWL  
 BOTTOM: 0447 FSL 0715 FEL  
 COUNTY: GRAND  
 LATITUDE: 38.55598 LONGITUDE: -109.74091  
 UTM SURF EASTINGS: 609707 NORTHINGS: 4268257  
 FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-68122  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PRDX  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. CO 1395 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. MUNICIPAL )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

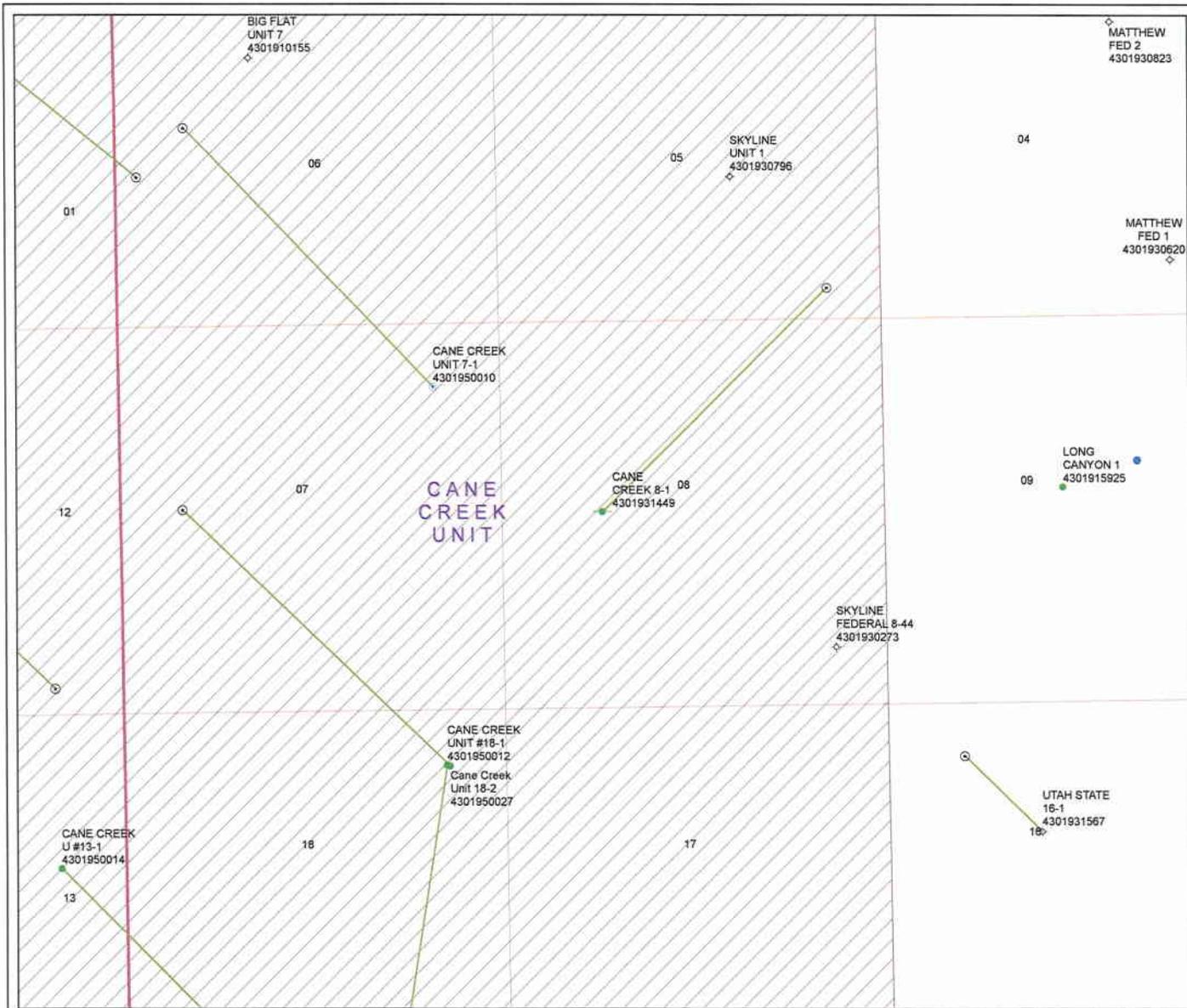
- \_\_\_\_\_ R649-2-3.
- Unit: CANE CREEK
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- \_\_\_\_\_ R649-3-3. Exception
- \_\_\_\_\_ Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- \_\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Federal Approval*  
*2- Spacing Slip*  
*3- Horizontal*

*BH-  
Reads to go!*

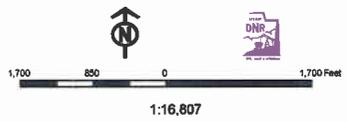


**API Number: 4301931449**  
**Well Name: CANE CREEK 8-1**

Township: T26.0S Range: R20.0E Section: 08 Meridian: S  
 Operator: FIDELITY E&P COMPANY

Map Prepared: 10/4/2013  
 Map Produced by Diana Mason

Wells Query Status	Units STATUS
APD - Approved Permit	ACTIVE
DRL - Spudded (Drilling Commenced)	EXPLORATORY
GIW - Gas Injection	GAS STORAGE
GS - Gas Storage	NF PP OIL
LOC - New Location	NF SECONDARY
OPS - Operation Suspended	PI OIL
PA - Plugged Abandoned	PP GAS
PQW - Producing Gas Well	PP GEOTHERM
PQW - Producing Oil Well	PP OIL
SGW - Shut-in Gas Well	SECONDARY
SGW - Shut-in Oil Well	TERMINATED
TA - Temp Abandoned	
TW - Test Well	
WDW - Water Disposal	
WW - Water Injection Well	
WSW - Water Supply Well	





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

October 7, 2013

Fidelity E&P Company  
1700 Lincoln St, Ste 2800  
Denver, CO 80203

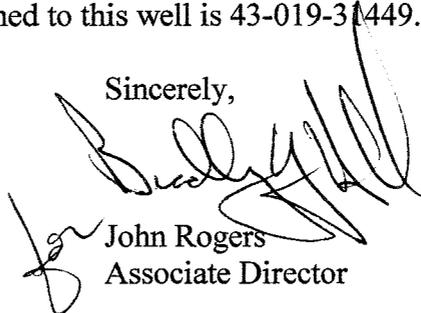
Subject: Cane Creek 8-1 Well, Surface Location 2563' FNL, 1429' FWL, SE NW, Sec. 8, T. 26 South, R. 20 East, Bottom Location 447' FSL, 715' FEL, Sec. 5, T. 26 South, R. 20 East, Grand County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the Paradox Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31449.

Sincerely,



John Rogers  
Associate Director

JR/BGH/js  
Enclosures

cc: Grand County Assessor  
Bureau of Land Management, Moab Office



**Operator:** Fidelity E&P Company  
**Well Name & Number** Cane Creek 8-1  
**API Number:** 43-019-31449  
**Lease:** UTU-68122

**Surface Location:** SE NW      **Sec. 8**      **T. 26 South**      **R. 20 East**  
**Bottom Location:**              **Sec. 5**      **T. 26 South**      **R. 20 East**

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)

OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office  
(801) 733-0983 after office hours

#### 3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5<sup>th</sup> day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

- #### 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
  
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
440 West 200 South, Suite 500  
Salt Lake City, UT 84101

IN REPLY REFER TO:  
3160  
(UT-922)

September 30, 2013

Memorandum

To: Assistant Field Office Manager Resources,  
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Cane Creek Unit,  
Grand and San Juan Counties, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Cane Creek Unit, Grand and San Juan Counties, Utah. The Cane Creek 36-2 directional drilling plan has been modified (see our memo dated July 23, 2013). The Cane Creek 8-1 will be re-entered and a horizontal lateral drilled in Clastic 10.

API#	WELL NAME	LOCATION
(Proposed PZ Clastic 10 TVD 5600')		
43-019-31449	Cane Creek Unit 8-1H	Sec 08 T26S R20E 2563 FNL 1429 FWL
	Lateral 1	Sec 05 T26S R20E 0447 FSL 0715 FEL
(Proposed PZ Cane Creek)		
43-019-50033	Cane Creek Unit 36-2H	Sec 36 T25S R19E 0267 FSL 0754 FWL
	Lateral 1	Sec 06 T26S R20E 2080 FSL 0318 FWL

This office has no objection to permitting the wells at this time.

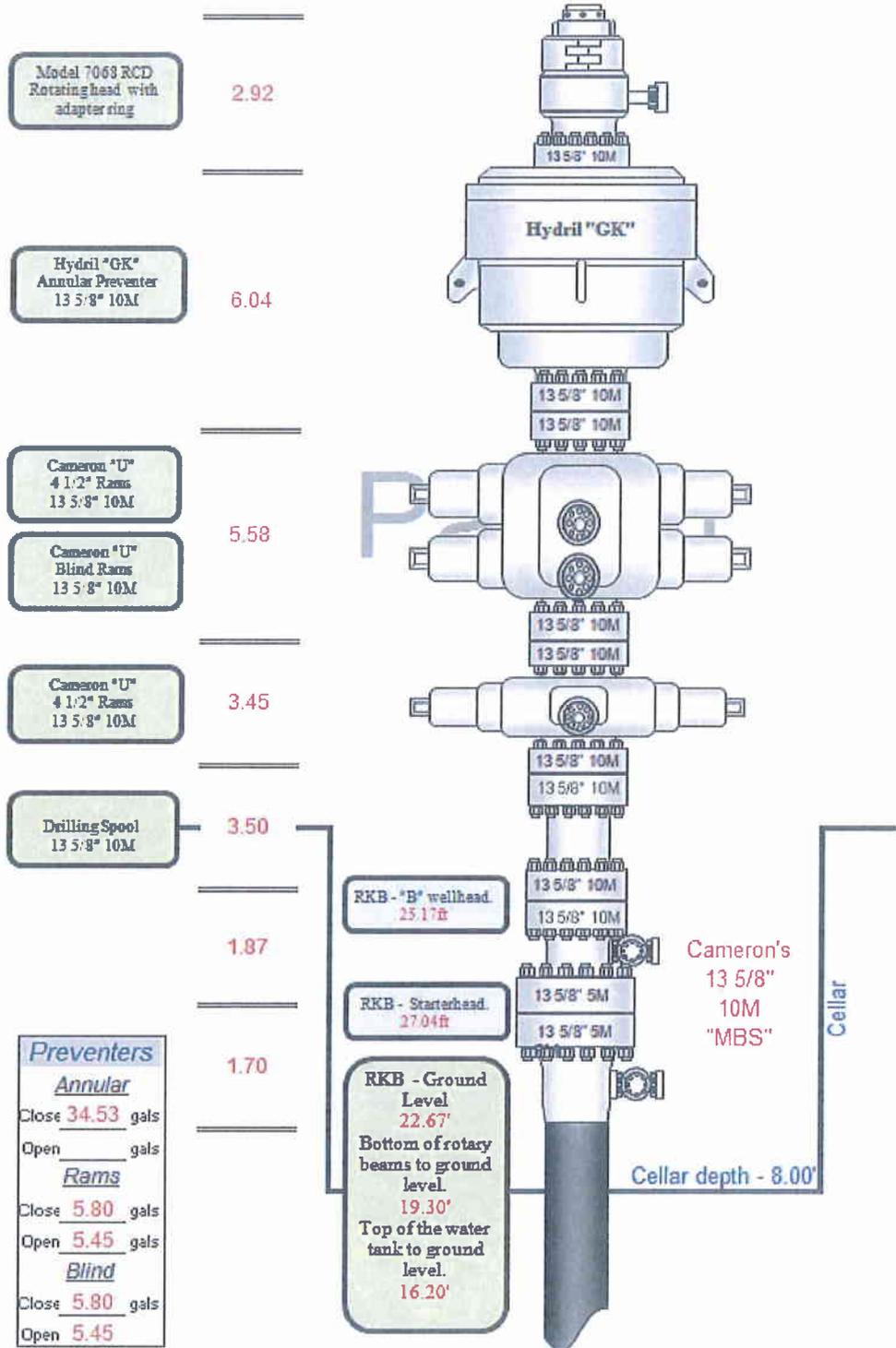
**Michael Coulthard**  
Digitally signed by Michael Coulthard  
DN: cn=Michael Coulthard, o=Bureau of Land Management,  
ou=Division of Minerals, email=mcoultha@blm.gov, c=US  
Date: 2013.09.30 10:40:21 -0600

bcc: File - Cane Creek Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:9-30-13

Fidelity Exploration & Production Company Eight Point Plan

**CANE CREEK 8-1H3**  
**SEC 8 / T26S / R20E, 2563' FNL & 1429' FWL**  
**GRAND COUNTY, UTAH**



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY		<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street Ste 2800 , Denver, CO, 80203		<b>9. API NUMBER:</b> 43019314490000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>5. PHONE NUMBER:</b> 720 931-6459 Ext		<b>COUNTY:</b> GRAND
<b>6. STATE:</b> UTAH		<b>7. STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/5/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see the attached chronological well report for January, 2014.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          February 05, 2014</b>		
<b>NAME (PLEASE PRINT)</b> Joy Gardner	<b>PHONE NUMBER</b> 720 956-5763	<b>TITLE</b> Sr. Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/5/2014	



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 1/29/2014  
 Report #: 1, DFS: 2,291.25  
 Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Ungraded Surveyed Elevation (ft) 6,005.00	KB-Ground Distance (ft) -5,982.00	Spud Date 10/22/2007 00:00	Rig Release Date
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Delbert Sullivan	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date
Drilling Hours (hr)	Circulating Hours (hr)	Job ROP (ft/hr)	Job ROP Rotating (ft/hr)	Job ROP Sliding (ft/hr)	Job Rotating % (%)
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB)	Kick Off Depth (TVD) (ftKB)	Total Job Percent Sliding (%)	

## Daily Operations

Report Start Date 1/28/2014 06:00	Report End Date 1/29/2014 06:00	Days From Spud (days) 2,291.25	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time waiting on day light					
Operations Summary Safety meeting, rig down, move man camps,					
Operations Next Report Period Rig Up & Tear Down					
Weather Sunny and Clear			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	1	Waiting on day light		
07:00	11.00	12.00	1	Held safety meeting, rig down man camps, & move from 17-2 location to 8-1H3 location & rig up same		
18:00	12.00	24.00	1	Waiting on day light		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
-----------------	-------------------	--------------	---------	----------	-----------------	-----------------	---------------	-----------------	-----------------	----------------

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 1/30/2014  
 Report #: 2, DFS: 2,292.25  
 Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Ungraded Surveyed Elevation (ft) 6,005.00	KB-Ground Distance (ft) -5,982.00	Spud Date 10/22/2007 00:00	Rig Release Date
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Delbert Sullivan	Rig Email Address NaborsM40@Fidelitypco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date
Drilling Hours (hr)	Circulating Hours (hr)	Job ROP (ft/hr)	Job ROP Rotating (ft/hr)	Job ROP Sliding (ft/hr)	Job Rotating % (%)
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB)	Kick Off Depth (TVD) (ftKB)		

## Daily Operations

Report Start Date 1/29/2014 06:00	Report End Date 1/30/2014 06:00	Days From Spud (days) 2,292.25	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time waiting on day light					
Operations Summary Safety meeting, Rigging down, Moving rig & rigging up					
Operations Next Report Period Rig Up & Tear Down					
Weather Cloudy			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	1	Waiting on day light		
07:00	11.00	12.00	1	Rigging down, Moving rig, Set back yard,		
18:00	12.00	24.00	1	Waiting on day light		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 1/31/2014  
 Report #: 3, DFS: 2,293.25  
 Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type	
County Grand	State/Province UT	Ungraded Surveyed Elevation (ft) 6,005.00	KB-Ground Distance (ft) -5,982.00	Spud Date 10/22/2007 00:00	Rig Release Date	
Operator Fidelity E&P		Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Delbert Sullivan	Rig Email Address NaborsM40@Fidelitypco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date	
Drilling Hours (hr)	Circulating Hours (hr)	Job ROP (ft/hr)	Job ROP Rotating (ft/hr)	Job ROP Sliding (ft/hr)	Job Rotating % (%)	Total Job Percent Sliding (%)
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB)	Kick Off Depth (TVD) (ftKB)			

## Daily Operations

Report Start Date 1/30/2014 06:00	Report End Date 1/31/2014 06:00	Days From Spud (days) 2,293.25	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time Waiting on Daylight					
Operations Summary Safety Meeting, Rigging up					
Operations Next Report Period Rig Up & Tear Down					
Weather Snow			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	1	Wait on Daylight.		
07:00	11.00	12.00	1	Pin Derrick To A-Legs, Installed Board, Prep Derrick. Set in Backyard and Rig Up. Rig up Zeco equip.		
18:00	12.00	24.00	1	Operations suspended for the night. Crews working daylight only on Rig Move.		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lbf...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HHP Filtrat...	HHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/1/2014

Report #: 4, DFS: 2,294.25

Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type	
County Grand	State/Province UT	Ungraded Surveyed Elevation (ft) 6,005.00	KB-Ground Distance (ft) -5,982.00	Spud Date 10/22/2007 00:00	Rig Release Date	
Operator Fidelity E&P		Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Delbert Sullivan	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date	
Drilling Hours (hr)	Circulating Hours (hr)	Job ROP (ft/hr)	Job ROP Rotating (ft/hr)	Job ROP Sliding (ft/hr)	Job Rotating % (%)	Total Job Percent Sliding (%)
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB)	Kick Off Depth (TVD) (ftKB)			

## Daily Operations

Report Start Date 1/31/2014 06:00	Report End Date 2/1/2014 06:00	Days From Spud (days) 2,294.25	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time					
Rigging Up					
Operations Summary Safety Meeting. Rig up. Raised Derrick and subbase.					
Operations Next Report Period					
Rig Up & Tear Down					
Weather Snow			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	4.00	4.00	1	Held safety meeting. Prepped to raise derrick.		
10:00	4.00	8.00	1	Raised derrick. Unpinned rams and R/U rams to scope up subbases. Scope up Subbase and pin in place.		
14:00	2.00	10.00	1	R/U cords to Drawworks. Spooled Drilling Line on drum. Secure bolts on deadman.		
16:00	2.00	12.00	1	Install Batwings. R/U Bridle Lines. Pull and plug in electric cords. Switch camps over to rig power.		
18:00	3.00	15.00	1	Set stairs for drillers shack. Install wind wall braces. R/U steam lines to rig floor.		
21:00	3.00	18.00	1	Prep to scope up sections of derrick. Scope derrick up and pin in place.		
00:00	6.00	24.00	1	Make up bumper hoses. Hung Kelly Hose. Set stairs to trip tank. Plug in electric cords.		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HHP Filtrat...	HHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK	
<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1	
<b>9. API NUMBER:</b> 43019314490000	
<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED	
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street Ste 2800 , Denver, CO, 80203	
<b>PHONE NUMBER:</b> 720 931-6459 Ext	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	
<b>COUNTY:</b> GRAND	
<b>STATE:</b> UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/3/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Monthly drilling report

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 March 04, 2014**

<b>NAME (PLEASE PRINT)</b> Joy Gardner	<b>PHONE NUMBER</b> 720 956-5763	<b>TITLE</b> Sr. Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/3/2014	



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/1/2014  
 Report #: 4, DFS: -4.79  
 Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelitypco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 1/31/2014 06:00	Report End Date 2/1/2014 06:00	Days From Spud (days) -4.79	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time Rigging Up					
Operations Summary Safety Meeting. Rig up. Raised Derrick and subbase.					
Operations Next Report Period Rig Up & Tear Down					
Weather Snow			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	4.00	4.00	1	Held safety meeting. Prepped to raise derrick.		
10:00	4.00	8.00	1	Raised derrick. Unpinned rams and R/U rams to scope up subbases. Scope up Subbase and pin in place.		
14:00	2.00	10.00	1	R/U cords to Drawworks. Spooled Drilling Line on drum. Secure bolts on deadman.		
16:00	2.00	12.00	1	Install Batwings. R/U Bridle Lines. Pull and plug in electric cords. Switch camps over to rig power.		
18:00	3.00	15.00	1	Set stairs for drillers shack. Install wind wall braces. R/U steam lines to rig floor.		
21:00	3.00	18.00	1	Prep to scope up sections of derrick. Scope derrick up and pin in place.		
00:00	6.00	24.00	1	Make up bumper hoses. Hung Kelly Hose. Set stairs to trip tank. Plug in electric cords.		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HHP Filtrat...	HHP FC (1...)
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/2/2014  
 Report #: 5, DFS: -3.79  
 Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Target Depth (ftKB) 9,665.0		Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3	

## Daily Operations

Report Start Date 2/1/2014 06:00	Report End Date 2/2/2014 06:00	Days From Spud (days) -3.79	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time N/U BOP'S					
Operations Summary Repair Drag Link for Top Drive. Test Top Drive functions to verify everything working - Good. Install Rotary Hose to Top Drive. R/U Drilling Bales and elevators.					
Operations Next Report Period Nipple up B.O.P.					
Weather Sunny and Clear			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	12.00	12.00	8	Removed Electrical connections and Drag Link for Top Drive. Installed new Drag Link. Wiring up electrical connections.		
18:00	6.00	18.00	8	Wiring up electrical connections on Top Drive.		
00:00	2.00	20.00	8	Completed electrical connections on Top Drive. Test Top Drive functions - Good.		
02:00	2.50	22.50	1	Install Kelly Hose to Top Drive. R/U Bales and elevators.		
04:30	1.50	24.00	14	Rig up 4-Way slings. N/D 7-1/16", 10M Tree. N/U BOP'S		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HHP Filtrat...	HHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/3/2014  
 Report #: 6, DFS: -2.79  
 Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type	
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00	
Operator Fidelity E&P		Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00	
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12	Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3			

## Daily Operations

Report Start Date 2/2/2014 06:00	Report End Date 2/3/2014 06:00	Days From Spud (days) -2.79	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time Torquing bolts and nuts bop's					
Operations Summary N/U BOPE.					
Operations Next Report Period Trips					
Weather Snow			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.50	2.50	14	Set in DSA and Lower Pipe Rams. 4 Bolt stack.		
08:30	2.00	4.50	14	Change out Upper Pipe Rams.		
10:30	2.50	7.00	14	Set in Double Gate using Rig and Gin Truck.		
13:00	3.00	10.00	14	Install Top Spool on Annular. Gin Truck spotted annular. Rig up 4-way lines and set annular on double gate.		
16:00	2.00	12.00	14	Removed Clamp from Rotating Head. Set on Rotating Head. Removed crossover from rotating head. Set in Catwalk.		
18:00	6.00	18.00	14	Turn spool and rotating head to line up with Flow Line. Install Kill Line valves on stack. Installed Orbit Valve.		
00:00	6.00	24.00	14	Install Choke Valve & HCR Valve manifold on stack. Installed Kill Line Hose, Choke Line, and Catch Pan. Install Hydraulic Lines. Cameron torquing bolts and nuts on stack.		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lbf/1...)	Gel (10s) (lbf...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HHP Filtrat...	HHP FC (1...)
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/4/2014

Report #: 7, DFS: -1.79

Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Target Depth (ftKB) 9,665.0		Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3	

## Daily Operations

Report Start Date 2/3/2014 06:00	Report End Date 2/4/2014 06:00	Days From Spud (days) -1.79	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time Install Catch Pan and drain hoses.					
Operations Summary N/U BOP'S. Test BOPE. Removed Rotary Hose. Installed Catch Pan and drain hoses.					
Operations Next Report Period Trips					
Weather Snow			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Sam Loredo	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.50	2.50	14	Cameron nipped up stack, and Choke lines. Hooked up accumulator lines to Double Gate and Annular. Changed Saver Sub to 4" XT-39.		
08:30	2.00	4.50	14	Welder making connection for flow line. Cameron making up HCR bolts. Function Test BOPE.		
10:30	5.00	9.50	15	Test Choke Manifold and Halliburton MPD Lines to 250 psi low and 10K high.		
15:30	1.00	10.50	1	Set V-Door in Place.		
16:30	1.50	12.00	15	R/U Cameron Testers. M/U Test Joint. Set test plug. Filled stack with water.		
18:00	9.00	21.00	15	Test Lower Pipe Rams to 250/10K, HCR Valve, Test Kill & Choke valves, Upper Pipe Rams, Annular, FOSV & IBOP. Test Lower Kelly Valve and Mud Saver valve. Test mud lines and standpipe. Rotary Hose and bumper hose had pinhole next to crimped connections.		
03:00	1.00	22.00	9	Serviced Rig & Equipment. Removed Kelly Hose.		
04:00	2.00	24.00	14	Install Catch Pan and drain hoses.		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lbf/1...)	Gel (10s) (lbf...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HHP Filtrat...	HHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: **2/5/2014**  
 Report #: 8, DFS: -0.79  
 Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelitypeco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Target Depth (ftKB) 9,665.0		Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3	

## Daily Operations

Report Start Date 2/4/2014 06:00	Report End Date 2/5/2014 06:00	Days From Spud (days) -0.79	Start Depth (ftKB) 0.0	End Depth (ftKB) 0.0	Daily Depth Progress (ft)
Operations at Report Time RIH picking up 4" Drill Pipe.					
Operations Summary Installed Rotary Hose and Bumper Hose. Test Mud Line, Standpipe and hoses. R/D Tester. RIH picking up 102 Joints of 4" XT-39 Drill Pipe. POH racking back 34 stands of Drill Pipe. Install Wear Bushing. M/U BHA, RIH picking up 4" HWDP & Drill Pipe.					
Operations Next Report Period					
Trips			Weather Cloudy		
			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401
Delbert Sullivan	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	1	Complete installation of Catch Pan.		
07:00	3.00	4.00	8	Replace Kelly Hose and Bumper Hose.		
10:00	1.50	5.50	15	M/U Test Joint. Test Standpipe, Kelly Hose, and mudline. R/D Test equipment.		
11:30	1.00	6.50	6	Set Mats and pipe racks. Load 102 joints of 4" XT-39 Drill Pipe on racks. Strap drill pipe.		
12:30	1.00	7.50	9	Serviced rig and Power Catwalk.		
13:30	5.50	13.00	6	RIH picking up 102 joints of 4", XT-39 Drill Pipe.		
19:00	1.50	14.50	6	Trip out of hole standing back 34 stands of 4" Drill Pipe.		
20:30	2.00	16.50	6	Strap BHA and 45 Joints of 4" HWDP.		
22:30	1.00	17.50	6	Install Wear Bushing. Length 8.0" x 6-3/8" I.D. x 7.0" O.D.		
23:30	0.50	18.00	6	M/U Bit, Bit Sub, Casing Scraper, Brush and magnet BHA.		
00:00	2.00	20.00	6	RIH to 1,415' picking up 45 Joints of 4" HWDP.		
02:00	4.00	24.00	6	RIH from 1,415' to 4,600' picking up 4" XT-39 Drill Pipe.		

## Mud Check: &lt;depth&gt;ftKB, 2/4/2014 00:00

Date 2/4/2014	Depth (ftKB) 5,400.0	Density (lb/gal) 14.00	Vis (s/qt) 63	PV OR (Pa*s) 20.0	YP OR (lb/1...) 10.000	Gel (10s) (lb...) 10.000	Gel (10m) (lb...) 11.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32")	HTHP Filtrat... 3.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 27.5	CaCl (ppm)	Oil Water Ratio 82.5/17.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

## Mud Check: 5,400.0ftKB, 2/4/2014 14:00

Date 2/4/2014	Depth (ftKB) 5,400.0	Density (lb/gal) 14.30	Vis (s/qt) 73	PV OR (Pa*s) 22.0	YP OR (lb/1...) 14.000	Gel (10s) (lb...) 10.000	Gel (10m) (lb...) 12.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32")	HTHP Filtrat... 3.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 28.5	CaCl (ppm)	Oil Water Ratio 82.5/17.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/5/2014

Report #: 8, DFS: -0.79

Daily Depth Progress:

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type				
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00				
<b>Casing &amp; Liners</b>									
Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/6/2014  
 Report #: 9, DFS: 0.21  
 Daily Depth Progress: 20.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Target Depth (ftKB) 9,665.0		Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3	

## Daily Operations

Report Start Date 2/5/2014 06:00	Report End Date 2/6/2014 06:00	Days From Spud (days) 0.21	Start Depth (ftKB) 5,000.0	End Depth (ftKB) 5,020.0	Daily Depth Progress (ft) 20.00
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## Operations at Report Time

Circulate bottoms up.

## Operations Summary

RIH picking up 4" Drill Pipe to 5,200'. Changed well over to 13.4 ppg OBM. POH L/D BHA. M/U Whipstock Assembly. TIH with whipstock assembly to 5000'. Orient whipstock, set anchor. Milled window from 5,000' to 5,010'. Drill formation from 5,010' to 5,020'. Circulate bottoms up.

## Operations Next Report Period

## Drilling

Weather Cloudy	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	6	RIH to 5,200' picking up 4" Xt-39 Drill Pipe.		
07:00	1.50	2.50	6	Removed Trip Nipple. Stabbed drill pipe through new Rotating Head Element. Seat Rotating Head Element.		
08:30	2.00	4.50	5	Displaced water out of hole with 13.4 ppg OBM.		
10:30	3.00	7.50	6	Trip out of hole. L/D Clean Out BHA.		
13:30	2.50	10.00	6	M/U Whipstock BHA.		
16:00	2.00	12.00	6	Trip in hole with Whipstock Assembly to 1,472' at 2 minutes per stand.		
18:00	2.00	14.00	6	Trip in hole from 1,472' to 3,654'.		
20:00	1.00	15.00	10	Held safety meeting with Gyro Data. R/U Sheaves and wireline.		
21:00	1.50	16.50	6	Trip in hole from 3,654' to 5,020'. Position Top of Whipstock at 5,000' and bottom of ramp at 5,010'.	5,000.0	5,000.0
22:30	2.00	18.50	10	R/U Gyro Data. Ran in with Gyro Survey Tools and latched into UBHO sub. Oriented whipstock face to 39.8 Deg. POH with Gyro Survey. R/D Wireline Equipment.	5,000.0	5,000.0
00:30	0.50	19.00	5	Pressured up on string to 1850 psi 5 times. Pressured to 4300 psi. set 15K downweight. Pulled up 15K to confirm whipstock anchor is set. Pulled 35K to shear off of whipstock.	5,000.0	5,000.0
01:00	2.50	21.50	2	Mill window in 7" Casing from 5,000' to 5,010'.	5,000.0	5,010.0
03:30	1.50	23.00	2	Drilled formation from 5,010' to 5,020'.	5,010.0	5,020.0
05:00	1.00	24.00	5	Circulate bottoms up. Spot LCM pill.	5,020.0	5,020.0

## Mud Check: 5,200.0ftKB, 2/5/2014 14:00

Date 2/5/2014	Depth (ftKB) 5,200.0	Density (lb/gal) 13.40	Vis (s/qt) 53	PV OR (Pa*s) 16.0	YP OR (lb/1...) 11.000	Gel (10s) (lb...) 7.000	Gel (10m) (lb...) 9.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 3.0	HTHP Filtrat... 3.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 3.400	Calcium (mg/L) 2.500	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 25.5	CaCl (ppm)	Oil Water Ratio 83.9/16.1	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/5/2014 22:59

Date 2/5/2014	Depth (ftKB)	Density (lb/gal) 13.70	Vis (s/qt) 60	PV OR (Pa*s) 17.0	YP OR (lb/1...) 8.000	Gel (10s) (lb...) 7.000	Gel (10m) (lb...) 9.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 3.0	HTHP Filtrat... 3.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 3.500	Calcium (mg/L) 2.600	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 83.9/16.1	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,000.0	Depth Out (ft...) 5,020.0	Drilled (ft) 20.00	Date In 2/6/2014 01:00	Date Out 2/6/2014 06:00	Drill Time (hr) 4.00	BHA ROP (ft/hr) 5.0	Rot Time (hr) 4.00	Slide Time (hr)	% Slide Time... 100.00	% Rot Time (%)
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## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/6/2014  
 Report #: 9, DFS: 0.21  
 Daily Depth Progress: 20.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/7/2014  
Report #: 10, DFS: 1.21  
Daily Depth Progress: 0.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3	Total Job Percent Sliding (%) 65.88	

## Daily Operations

Report Start Date 2/6/2014 06:00	Report End Date 2/7/2014 06:00	Days From Spud (days) 1.21	Start Depth (ftKB) 5,020.0	End Depth (ftKB) 5,020.0	Daily Depth Progress (ft) 0.00
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## Operations at Report Time

Troubleshoot electrical problems on Top Drive.

## Operations Summary

Formation Integrity test of 18.0 ppg RMW. Pump Dry Job. POH L/D BHA. M/U Directional BHA, RIH to 2,384'. Troubleshoot Encoder electrical problems on Top Drive.

## Operations Next Report Period

## Drilling

Weather  
Cloudy

Wellbore  
Re-Entry #3

## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	5	Performed F.I.T. to 18.0 ppg EMW. Good Test. Pumped dry job.	5,020.0	5,020.0
07:00	1.50	2.50	6	Trip out of hole from 5,020' to 1,400'.	5,020.0	5,020.0
08:30	0.50	3.00	6	Removed Rotating Head Element and Installed Trip Nipple.	5,020.0	5,020.0
09:00	1.00	4.00	6	Trip out of hole from 1,400' to BHA.	5,020.0	5,020.0
10:00	1.50	5.50	6	L/D Milling Assembly.	5,020.0	5,020.0
11:30	2.50	8.00	6	M/U Directional BHA, orient BHA. Shallow test MWD.	5,020.0	5,020.0
14:00	1.50	9.50	6	M/U Bit, M/U Monels, XO's, and Exciter.	5,020.0	5,020.0
15:30	0.50	10.00	6	Removed Trip Nipple and installed Rotating Head Element.	5,020.0	5,020.0
16:00	2.00	12.00	6	Trip in hole to 2,383'.	5,020.0	5,020.0
18:00	6.00	18.00	8	Troubleshoot Top Drive electrical problems.	5,020.0	5,020.0
00:00	6.00	24.00	8	Troubleshoot Top Drive electrical problems.	5,020.0	5,020.0

## Mud Check: 5,020.0ftKB, 2/6/2014 14:00

Date 2/6/2014	Depth (ftKB) 5,020.0	Density (lb/gal) 13.90	Vis (s/qt) 53	PV OR (Pa*s) 19.0	YP OR (lb/1...) 13.000	Gel (10s) (lb/...) 9.000	Gel (10m) (lb...) 10.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 3.0	HTHP Filtrat... 3.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 10,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.5	CaCl (ppm)	Oil Water Ratio 83.7/16.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/6/2014 23:59

Date 2/6/2014	Depth (ftKB)	Density (lb/gal) 13.90	Vis (s/qt) 58	PV OR (Pa*s) 19.0	YP OR (lb/1...) 13.000	Gel (10s) (lb/...) 9.000	Gel (10m) (lb...) 10.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 3.0	HTHP Filtrat... 3.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 10,000.000	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.5	CaCl (ppm)	Oil Water Ratio 83.7/16.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,000.0	Depth Out (ft...) 5,020.0	Drilled (ft) 20.00	Date In 2/6/2014 01:00	Date Out 2/6/2014 06:00	Drill Time (hr) 4.00	BHA ROP (ft/hr) 5.0	Rot Time (hr) 4.00	Slide Time (hr)	% Slide Time... 100.00
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/8/2014  
 Report #: 11, DFS: 2.21  
 Daily Depth Progress: 75.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type	
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00	
Operator Fidelity E&P		Surface Legal Location				
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00	
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12	Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3			

## Daily Operations

Report Start Date 2/7/2014 06:00	Report End Date 2/8/2014 06:00	Days From Spud (days) 2.21	Start Depth (ftKB) 5,020.0	End Depth (ftKB) 5,095.0	Daily Depth Progress (ft) 75.00
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Operations at Report Time

Drill 6" Hole.

Operations Summary

Repair Top Drive. Removed Rotating Head, Installed Trip Nipple. Trip in hole to 5,020'. CBU. R/U and RIH w/ Gyro Tool. Slide drilled from 5,020' to 5,081'. Pull to side entry sub. POH with Gyro Tool. R/D Wireline. RIH to 5,081'. Drill 6" hole from 5,081' to 5,095'.

Operations Next Report Period

Drilling

Weather Cloudy	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	4.50	4.50	8	Repaired encoder problems with Top Drive.	5,020.0	5,020.0
10:30	0.50	5.00	6	Removed Rotating Head Element. Installed Trip Nipple.	5,020.0	5,020.0
11:00	1.50	6.50	6	Trip in hole from 2,380' to 5,020'.	5,020.0	5,020.0
12:30	1.00	7.50	5	Circulate bottoms up. Held PJSM with Gyro Data.	5,020.0	5,020.0
13:30	1.50	9.00	10	R/U Wireline and Gyro Survey Tools. M/U Side entry sub, xo's. RIH and latch into UBHO sub.	5,020.0	5,020.0
15:00	3.00	12.00	2	Slide drill from 5,020' to 5,041'. WOB 5-15K, 212 GPM, SPP 3500 psi.	5,020.0	5,041.0
18:00	2.50	14.50	2	Slide drill from 5,041' to 5,055'. WOB 5-15K, 212 GPM, SPP 3500 psi.	5,041.0	5,055.0
20:30	1.00	15.50	10	Pulled up to Side Entry Sub. Slipped 2 ft of wireline to prevent wear. RIH to 5,055'.	5,055.0	5,055.0
21:30	3.50	19.00	2	Slide drill from 5,055' to 5,081'. WOB 5-15K, 212 GPM, SPP 3500 psi.	5,055.0	5,081.0
01:00	2.00	21.00	10	Pull up to side entry sub. POH with Gyro Tool. R/D wireline equipment.	5,081.0	5,081.0
03:00	0.50	21.50	6	Remove Trip Nipple. Install Rotating Head Element.	5,081.0	5,081.0
03:30	2.50	24.00	2	Washed down from 5,050' to 5,081'. Slide drill from 5,081' to 5,095'. WOB 5-15K, 212 GPM, SPP 3500 psi. MW 13.9 ppg, BGG 12 Units.	5,081.0	5,095.0

## Mud Check: 5,020.0ftKB, 2/7/2014 14:00

Date 2/7/2014	Depth (ftKB) 5,020.0	Density (lb/gal) 13.90	Vis (s/qt) 63	PV OR (Pa*s) 19.0	YP OR (lb/1...) 13.000	Gel (10s) (lb...) 9.000	Gel (10m) (lb...) 10.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 3.0	HHP Filtrat... 3.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 3.400	Calcium (mg/L) 3.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.5	CaCl (ppm)	Oil Water Ratio 83.7/16.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/7/2014 23:59

Date 2/7/2014	Depth (ftKB) 5,020.0	Density (lb/gal) 14.00	Vis (s/qt) 56	PV OR (Pa*s) 20.0	YP OR (lb/1...) 19.000	Gel (10s) (lb...) 11.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 3.0	HHP Filtrat... 3.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 3.500	Calcium (mg/L) 3.100	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 83.7/16.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,020.0	Depth Out (ft...) 5,827.0	Drilled (ft) 807.00	Date In 2/7/2014 15:00	Date Out 2/9/2014 19:00	Drill Time (hr) 43.45	BHA ROP (ft/hr) 18.6	Rot Time (hr) 2.85	Slide Time (hr) 40.60	% Slide Time... 93.44	% Rot Time (%) 6.56
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/8/2014  
Report #: 11, DFS: 2.21  
Daily Depth Progress: 75.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type				
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00				
<b>Casing &amp; Liners</b>									
Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/9/2014  
 Report #: 12, DFS: 3.21  
 Daily Depth Progress: 525.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/8/2014 06:00	Report End Date 2/9/2014 06:00	Days From Spud (days) 3.21	Start Depth (ftKB) 5,095.0	End Depth (ftKB) 5,620.0	Daily Depth Progress (ft) 525.00
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## Operations at Report Time

## Drill 6" Curve Section

## Operations Summary

Drill 6" Curve Section from 5095' to 5,620'.

Total OBM Loss last 24 Hrs = 10 BBLs

5 BBLs to Formation

5 BBLs to SCE

## Operations Next Report Period

## Drilling

## Weather

Cloudy

## Wellbore

Re-Entry #3

## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.00	2.00	2	Drill 6" Hole from 5,095' to 5,130'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.9 ppg, BGG 12 Units.	5,095.0	5,130.0
08:00	1.00	3.00	5	Circulated OBM through surface equipment, Choke Manifold, Super Choke, Gas Buster and MPD Equipment.	5,130.0	5,130.0
09:00	3.00	6.00	2	Drill 6" Hole from 5,130' to 5,152'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.9 ppg, BGG 12 Units.	5,130.0	5,152.0
12:00	6.00	12.00	2	Drill 6" Hole from 5,152' to 5,255'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.9 ppg, BGG 25 Units.	5,152.0	5,255.0
18:00	6.00	18.00	2	Drill 6" Curve Section from 5,255' to 5,447'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.8 ppg, BGG 25 Units.	5,255.0	5,447.0
00:00	6.00	24.00	2	Drill 6" Curve Section from 5,447' to 5,620'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.8 ppg, BGG 25 Units. CG 330 Units BOP Drill, Men At Stations in 75 Seconds	5,447.0	5,620.0

## Mud Check: 5,159.0ftKB, 2/8/2014 14:00

Date 2/8/2014	Depth (ftKB) 5,159.0	Density (lb/gal) 13.90	Vis (s/qt) 53	PV OR (Pa*s) 23.0	YP OR (lb/1...) 19.000	Gel (10s) (lb...) 11.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 35,000.000	Calcium (mg/L) 10,400.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 81.3/18.7	
Mud Lost (Hole) (bbl) 5.0	Mud Lost (Surf) (bbl) 5.0	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/8/2014 23:59

Date 2/8/2014	Depth (ftKB)	Density (lb/gal) 13.80	Vis (s/qt) 53	PV OR (Pa*s) 23.0	YP OR (lb/1...) 20.000	Gel (10s) (lb...) 11.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 35,000.000	Calcium (mg/L) 10,400.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 27.0	CaCl (ppm)	Oil Water Ratio 81.3/18.7	
Mud Lost (Hole) (bbl) 5.0	Mud Lost (Surf) (bbl) 4.0	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,020.0	Depth Out (ft...) 5,827.0	Drilled (ft) 807.00	Date In 2/7/2014 15:00	Date Out 2/9/2014 19:00	Drill Time (hr) 43.45	BHA ROP (ft/hr) 18.6	Rot Time (hr) 2.85	Slide Time (hr) 40.60	% Slide Time... 93.44	% Rot Time (%) 6.56
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/10/2014  
 Report #: 13, DFS: 4.21  
 Daily Depth Progress: 207.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/9/2014 06:00	Report End Date 2/10/2014 06:00	Days From Spud (days) 4.21	Start Depth (ftKB) 5,620.0	End Depth (ftKB) 5,827.0	Daily Depth Progress (ft) 207.00
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## Operations at Report Time

Trip In Hole.

## Operations Summary

 Drilled 6" Curve Section from 5,620' to 5,827', end of Curve Section. Circulate hole clean. Pump Dry Job. POH. L/D BHA. M/U Lateral BHA, Trip in hole.  
 OBM Loss = 13 bbls to SCE

## Operations Next Report Period

## Drilling

Weather Rain	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drill 6" Curve Section from 5,620' to 5,700'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.8 ppg, BGG 25 Units. CG 330 Units	5,620.0	5,700.0
12:00	6.00	12.00	2	Drill 6" Curve Section from 5,700' to 5,812'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 25 Units. CG 330 Units	5,700.0	5,812.0
18:00	1.00	13.00	2	Drill 6" Curve Section from 5,812' to 5,827' end of Curve Section. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.6 ppg, BGG 25 Units. CG 330 Units	5,812.0	5,827.0
19:00	1.50	14.50	5	Circulate hole clean. Pump Dry Job.	5,827.0	5,827.0
20:30	1.50	16.00	6	Trip out of hole from 5,827' to 4,900'. Flow Check - No Flow. POH from 4,900' to 2,320'.	5,827.0	5,827.0
22:00	0.50	16.50	6	Removed Rotating Head Element. Install Trip Nipple.	5,827.0	5,827.0
22:30	1.50	18.00	6	Trip out of hole from 2,320' to BHA. Monitor fluid displacement on trip tank.	5,827.0	5,827.0
00:00	2.00	20.00	6	L/D XO's, UBHO Sub, Float Sub, Exciter and NMDC. Pulled up and broke off bit. Pulled MWD Probe. L/D Motor and Stabilizer.	5,827.0	5,827.0
02:00	2.00	22.00	6	M/U Lateral BHA, Orient BHA. Shallow test MWD - Good Test.	5,827.0	5,827.0
04:00	1.00	23.00	6	M/U iPZIG and Bit. Install MWD Probe. M/U NMDC, Float Sub, Filter Sub, Well Commander Subs and Xo.	5,827.0	5,827.0
05:00	1.00	24.00	6	Trip in hole with BHA to 1945'.	5,827.0	5,827.0

## Mud Check: 5,764.0ftKB, 2/9/2014 14:00

Date 2/9/2014	Depth (ftKB) 5,764.0	Density (lb/gal) 13.70	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 34,000.000	Calcium (mg/L) 10,800.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio 80.8/19.2	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 13.0	ECD - Manual Entr... T Flowline (°F)		Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/9/2014 23:59

Date 2/9/2014	Depth (ftKB)	Density (lb/gal) 13.65	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 34,000.000	Calcium (mg/L) 10,400.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio 80.8/19.2	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 13.0	ECD - Manual Entr... T Flowline (°F)		Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,020.0	Depth Out (ft...) 5,827.0	Drilled (ft) 807.00	Date In 2/7/2014 15:00	Date Out 2/9/2014 19:00	Drill Time (hr) 43.45	BHA ROP (ft/hr) 18.6	Rot Time (hr) 2.85	Slide Time (hr) 40.60	% Slide Time... 93.44	% Rot Time (%) 6.56
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/10/2014

Report #: 13, DFS: 4.21

## Well Name: Cane Creek 8-1

Daily Depth Progress: 207.00

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/11/2014  
 Report #: 14, DFS: 5.21  
 Daily Depth Progress: 492.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/10/2014 06:00	Report End Date 2/11/2014 06:00	Days From Spud (days) 5.21	Start Depth (ftKB) 5,827.0	End Depth (ftKB) 6,319.0	Daily Depth Progress (ft) 492.00
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## Operations at Report Time

## Drill 6" Section.

## Operations Summary

Trip in hole to 4,696'. Remove Trip Nipple, install Rotating Head Bushing. RIH to 5,815', log from 5,815' to 5,827'. Drilled 6" section from 5,827' to 6,319'. OBM Loss Last 24 Hrs = 5 bbls to SCE

## Operations Next Report Period

## Drilling

Weather Rain	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.50	2.50	6	Trip in hole from 1,945' to 4,696'. Held BOP Drill, Men at Stations in 2 min, 12 seconds.	5,827.0	5,827.0
08:30	0.50	3.00	6	Removed Trip Nipple. Installed Rotating Head Element.	5,827.0	5,827.0
09:00	1.50	4.50	6	Trip in hole from 4,696' to 5,815'. Relogged down from 5,815' to 5,827'.	5,827.0	5,827.0
10:30	1.50	6.00	2	Drill 6" Section from 5,827' to 5,854'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	5,827.0	5,854.0
12:00	6.00	12.00	2	Drill 6" Section from 5,854' to 5,926'. WOB 5-15K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	5,854.0	5,926.0
18:00	3.50	15.50	2	Drill 6" Section from 5,926' to 6,078'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	5,926.0	6,078.0
21:30	1.00	16.50	6	Trip out with 3 stands of Drill Pipe, RIH with 3 stands of HWDP.	6,078.0	6,078.0
22:30	1.50	18.00	2	Drill 6" Section from 6,078' to 6,156'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	6,078.0	6,156.0
00:00	6.00	24.00	2	Drill 6" Section from 6,156' to 6,319'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	6,156.0	6,319.0

## Mud Check: &lt;depth&gt;ftKB, 2/10/2014 14:00

Date 2/10/2014	Depth (ftKB) 5,827.0	Density (lb/gal) 13.65	Vis (s/qt) 47	PV OR (Pa*s) 18.0	YP OR (lbf/1...) 18.000	Gel (10s) (lbf...) 10.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2	HTHP FC (1...)
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 40,000.000	Calcium (mg/L) 10,400.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 24.5	CaCl (ppm)	Oil Water Ratio 82/18	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 10.0	ECD - Manual Entr... T Flowline (°F)		Comment							

## Mud Check: 5,873.0ftKB, 2/10/2014 14:00

Date 2/10/2014	Depth (ftKB) 5,873.0	Density (lb/gal) 13.80	Vis (s/qt) 50	PV OR (Pa*s) 19.0	YP OR (lbf/1...) 19.000	Gel (10s) (lbf...) 10.000	Gel (10m) (lb...) 12.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2	HTHP FC (1...)
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 34,000.000	Calcium (mg/L) 11,200.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 82/18	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 5.0	ECD - Manual Entr... T Flowline (°F)		Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,827.0	Depth Out (ft...) 9,554.0	Drilled (ft) 3,727.00	Date In 2/10/2014 09:55	Date Out 2/16/2014 11:30	Drill Time (hr) 128.00	BHA ROP (ft/hr) 29.1	Rot Time (hr) 53.01	Slide Time (hr) 74.99	% Slide Time... 58.59	% Rot Time (%) 41.41
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/11/2014

Report #: 14, DFS: 5.21

Daily Depth Progress: 492.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/12/2014  
 Report #: 15, DFS: 6.21  
 Daily Depth Progress: 451.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/11/2014 06:00	Report End Date 2/12/2014 06:00	Days From Spud (days) 6.21	Start Depth (ftKB) 6,319.0	End Depth (ftKB) 6,770.0	Daily Depth Progress (ft) 451.00
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## Operations at Report Time

Drill 6" Lateral Section.

## Operations Summary

 Drilled 6" Lateral Section from 6,319' to 6,770'.  
 OBM Loss Last 24 Hrs = 21 bbls to SCE

## Operations Next Report Period

## Drilling

Weather Cloudy	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drill 6" Section from 6,319' to 6,350'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units BOP Drill, Men at Stations in 40 Seconds.	6,319.0	6,350.0
12:00	6.00	12.00	2	Drill 6" Section from 6,350' to 6,518'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	6,350.0	6,518.0
18:00	6.00	18.00	2	Drill 6" Section from 6,518' to 6,615'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	6,518.0	6,615.0
00:00	6.00	24.00	2	Drill 6" Section from 6,615' to 6,770'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.7 ppg, BGG 50 Units. CG 300-650 Units	6,615.0	6,770.0

## Mud Check: 6,388.0ftKB, 2/11/2014 14:00

Date 2/11/2014	Depth (ftKB) 6,388.0	Density (lb/gal) 13.50	Vis (s/qt) 46	PV OR (Pa*s) 19.0	YP OR (lb/1...) 13.000	Gel (10s) (lbf...) 9.000	Gel (10m) (lb...) 11.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 42,000.000	Calcium (mg/L) 10,400.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 23.5	CaCl (ppm)	Oil Water Ratio 82.4/17.6	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 21.0	ECD - Manual Entr... T Flowline (°F)		Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/11/2014 23:59

Date 2/11/2014	Depth (ftKB)	Density (lb/gal) 13.50	Vis (s/qt) 47	PV OR (Pa*s) 18.0	YP OR (lb/1...) 16.000	Gel (10s) (lbf...) 10.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 42,000.000	Calcium (mg/L) 10,400.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 24.5	CaCl (ppm)	Oil Water Ratio 82.4/17.6	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 21.0	ECD - Manual Entr... T Flowline (°F)		Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,827.0	Depth Out (ft...) 9,554.0	Drilled (ft) 3,727.00	Date In 2/10/2014 09:55	Date Out 2/16/2014 11:30	Drill Time (hr) 128.00	BHA ROP (ft/hr) 29.1	Rot Time (hr) 53.01	Slide Time (hr) 74.99	% Slide Time... 58.59	% Rot Time (%) 41.41
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/13/2014  
 Report #: 16, DFS: 7.21  
 Daily Depth Progress: 566.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelitypeco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/12/2014 06:00	Report End Date 2/13/2014 06:00	Days From Spud (days) 7.21	Start Depth (ftKB) 6,770.0	End Depth (ftKB) 7,336.0	Daily Depth Progress (ft) 566.00
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## Operations at Report Time

## Drill 6" Lateral Section

## Operations Summary

 Drilled 6" Lateral Section from 6,770' to 7,365'.  
 OBM Loss Last 24 Hrs = 12 bbls to SCE

## Operations Next Report Period

## Drilling

Weather Cloudy	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Sam Loreda	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drill 6" Section from 6,770' to 6,830'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.5 ppg, BGG 50 Units. CG 300-450 Units	6,770.0	6,830.0
12:00	6.00	12.00	2	Drill 6" Section from 6,830' to 7,000'. WOB 5-16K, 240 GPM, SPP 3000 psi. MW 13.5 ppg, BGG 50 Units. CG 300-450 Units BOP Drill, Men at Stations 1 min, 55 seconds.	6,830.0	7,000.0
18:00	6.00	18.00	2	Drill 6" Section from 7,000' to 7,188'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.4 ppg, BGG 50 Units. CG 300-450 Units	7,000.0	7,188.0
00:00	6.00	24.00	2	Drill 6" Section from 7,188' to 7,365'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.4 ppg, BGG 50 Units. CG 300-450 Units	7,188.0	7,365.0

## Mud Check: 6,913.0ftKB, 2/12/2014 14:00

Date 2/12/2014	Depth (ftKB) 6,913.0	Density (lb/gal) 13.50	Vis (s/qt) 46	PV OR (Pa/s) 18.0	YP OR (lb/1...) 14.000	Gel (10s) (lbf...) 8.000	Gel (10m) (lb...) 9.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 42,000.000	Calcium (mg/L) 11,600.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 83.8/16.2	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 12.0	ECD - Manual Entr...	T Flowline (°F) 93.0	Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/12/2014 23:59

Date 2/12/2014	Depth (ftKB)	Density (lb/gal) 13.45	Vis (s/qt) 47	PV OR (Pa/s) 19.0	YP OR (lb/1...) 12.000	Gel (10s) (lbf...) 10.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 43,000.000	Calcium (mg/L) 10,400.000	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 24.5	CaCl (ppm)	Oil Water Ratio 83.8/16.2	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 16.0	ECD - Manual Entr...	T Flowline (°F) 93.0	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,827.0	Depth Out (ft...) 9,554.0	Drilled (ft) 3,727.00	Date In 2/10/2014 09:55	Date Out 2/16/2014 11:30	Drill Time (hr) 128.00	BHA ROP (ft/hr) 29.1	Rot Time (hr) 53.01	Slide Time (hr) 74.99	% Slide Time... 58.59	% Rot Time (%) 41.41
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/14/2014  
 Report #: 17, DFS: 8.21  
 Daily Depth Progress: 857.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelitypeco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/13/2014 06:00	Report End Date 2/14/2014 06:00	Days From Spud (days) 8.21	Start Depth (ftKB) 7,371.0	End Depth (ftKB) 8,228.0	Daily Depth Progress (ft) 857.00
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## Operations at Report Time

Drill 6" lateral section

## Operations Summary

 Drilled 6" Lateral Section from 7,365' to 8,225'.  
 OBM Loss Last 24 Hrs = 7 bbls to SCE

## Operations Next Report Period

## Drilling

 Weather  
 Sunny and Clear

 Wellbore  
 Re-Entry #3

## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drill 6" Section from 7,365' to 7,643'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.4-13.2 ppg, BGG 50 Units. CG 300-450 Units	7,365.0	7,643.0
12:00	6.00	12.00	2	Drill 6" Section from 7,643' to 7,843'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units. BOP Drill Men to Stations - 1 min 47 sec.	7,643.0	7,843.0
18:00	6.00	18.00	2	Drill 6" Section from 7,843' to 8,042'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units. BOP drill 1min 53sec.	7,843.0	8,042.0
00:00	6.00	24.00	2	Drill 6" Section from 8,042' to 8,225'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units.	8,042.0	8,225.0

## Mud Check: 7,691.0ftKB, 2/13/2014 15:00

Date 2/13/2014	Depth (ftKB) 7,691.0	Density (lb/gal) 13.20	Vis (s/qt) 43	PV OR (Pa*s) 19.0	YP OR (lb/1...) 14.000	Gel (10s) (lb/...) 10.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32") 2.0	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 301,616.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 86.7/13.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F) 100.0	Comment							

## Mud Check: 8,140.0ftKB, 2/13/2014 23:30

Date 2/13/2014	Depth (ftKB) 8,140.0	Density (lb/gal) 13.20	Vis (s/qt) 47	PV OR (Pa*s) 18.0	YP OR (lb/1...) 16.000	Gel (10s) (lb/...) 10.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32") 2.0	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 283,370.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 24.0	CaCl (ppm)	Oil Water Ratio 85.5/14.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F) 103.0	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,827.0	Depth Out (ft...) 9,554.0	Drilled (ft) 3,727.00	Date In 2/10/2014 09:55	Date Out 2/16/2014 11:30	Drill Time (hr) 128.00	BHA ROP (ft/hr) 29.1	Rot Time (hr) 53.01	Slide Time (hr) 74.99	% Slide Time... 58.59	% Rot Time (%) 41.41
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/15/2014  
 Report #: 18, DFS: 9.21  
 Daily Depth Progress: 439.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelitypeco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/14/2014 06:00	Report End Date 2/15/2014 06:00	Days From Spud (days) 9.21	Start Depth (ftKB) 8,228.0	End Depth (ftKB) 8,667.0	Daily Depth Progress (ft) 439.00
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## Operations at Report Time

## Operations Summary

 Drilled 6" Lateral Section from 8,225' to 8,678'.  
 OBM Loss Last 24 Hrs = 10 bbls to SCE

## Operations Next Report Period

 Weather  
 Sunny and Clear

 Wellbore  
 Re-Entry #3

## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drill 6" Section from 8,225' to 8,284'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units.	8,225.0	8,284.0
12:00	6.00	12.00	2	Drill 6" Section from 8,284' to 8,405'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units.	8,284.0	8,405.0
18:00	6.00	18.00	2	Drill 6" Section from 8,405' to 8,475'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units.	8,405.0	8,475.0
00:00	6.00	24.00	2	Drill 6" Section from 8,475' to 8,678'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2+ ppg, BGG 50 Units. CG 250-450 Units.	8,475.0	8,678.0

## Mud Check: 8,370.0ftKB, 2/14/2014 15:00

Date 2/14/2014	Depth (ftKB) 8,370.0	Density (lb/gal) 13.20	Vis (s/qt) 45	PV OR (Pa*s) 20.0	YP OR (lb/1...) 15.000	Gel (10s) (lb/...) 10.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 329,642.00	Pot (mg/L) 0	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 86.7/13.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 9.0	ECD - Manual Entr...	T Flowline (°F) 100.0	Comment							

## Mud Check: &lt;depth&gt;ftKB, 2/14/2014 23:30

Date 2/14/2014	Depth (ftKB)	Density (lb/gal) 13.20	Vis (s/qt) 47	PV OR (Pa*s) 20.0	YP OR (lb/1...) 15.000	Gel (10s) (lb/...) 10.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 338,744.00	Pot (mg/L) 0	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 86.7/13.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM 1.0	ECD - Manual Entr...	T Flowline (°F) 100.0	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,827.0	Depth Out (ft...) 9,554.0	Drilled (ft) 3,727.00	Date In 2/10/2014 09:55	Date Out 2/16/2014 11:30	Drill Time (hr) 128.00	BHA ROP (ft/hr) 29.1	Rot Time (hr) 53.01	Slide Time (hr) 74.99	% Slide Time... 58.59	% Rot Time (%) 41.41
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/16/2014  
 Report #: 19, DFS: 10.21  
 Daily Depth Progress: 632.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00
Rig Release Date 2/20/2014 18:00					
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Total Job Percent Sliding (%) 65.88					
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/15/2014 06:00	Report End Date 2/16/2014 06:00	Days From Spud (days) 10.21	Start Depth (ftKB) 8,731.0	End Depth (ftKB) 9,363.0	Daily Depth Progress (ft) 632.00
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## Operations at Report Time

## Drilling ahead

## Operations Summary

 Drilled 6" Lateral Section from 8,678' to 9,395'.  
 OBM Loss Last 24 Hrs = 30 bbls to SCE

## Operations Next Report Period

## Drilling

Weather Cloudy	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drill 6" Section from 8,678' to 8,830'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.3-13.2 ppg, BGG 50 Units. CG 250-450 Units. Run Centrifuge for 2 x circulations to drop mud weight.	8,678.0	8,830.0
12:00	6.00	12.00	2	Drill 6" Section from 8,830' to 8,984'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3000 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units.	8,830.0	8,984.0
18:00	6.00	18.00	2	Drill 6" Section from 8,984' to 9,165'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3150 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units.	8,984.0	9,165.0
00:00	6.00	24.00	2	Drill 6" Section from 9,165' to 9,395'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3150 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units. BOP drill 1min 45sec.	9,165.0	9,395.0

## Mud Check: 8,936.0ftKB, 2/15/2014 15:00

Date 2/15/2014	Depth (ftKB) 8,936.0	Density (lb/gal) 13.20	Vis (s/qt) 47	PV OR (Pa*s) 19.0	YP OR (lb/1...) 14.000	Gel (10s) (lb/...) 9.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32")	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 338,744.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 13.3/86.7	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 22.0	LCM	ECD - Manual Entr...	T Flowline (°F) 100.0	Comment							

## Mud Check: 9,242.0ftKB, 2/15/2014 23:30

Date 2/15/2014	Depth (ftKB) 9,242.0	Density (lb/gal) 13.25	Vis (s/qt) 47	PV OR (Pa*s) 17.0	YP OR (lb/1...) 15.000	Gel (10s) (lb/...) 9.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32")	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 338,744.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 13.3/86.7	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl) 8.0	LCM	ECD - Manual Entr...	T Flowline (°F) 100.0	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,827.0	Depth Out (ft...) 9,554.0	Drilled (ft) 3,727.00	Date In 2/10/2014 09:55	Date Out 2/16/2014 11:30	Drill Time (hr) 128.00	BHA ROP (ft/hr) 29.1	Rot Time (hr) 53.01	Slide Time (hr) 74.99	% Slide Time... 58.59	% Rot Time (%) 41.41
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/17/2014  
 Report #: 20, DFS: 11.21  
 Daily Depth Progress: 127.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/16/2014 06:00	Report End Date 2/17/2014 06:00	Days From Spud (days) 11.21	Start Depth (ftKB) 9,427.0	End Depth (ftKB) 9,554.0	Daily Depth Progress (ft) 127.00
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## Operations at Report Time

POOH at 3600 ft.

## Operations Summary

Drilled 6" Lateral Section from 8,678' to 9,554'. Total depth of lateral section. Circulate prior to short trip, pump 2 x 15 bbl LCM sweeps 20 min apart, circulate out of the hole. Pump dry job, pull 5 stands. Flow check for 10 minutes, No Flow. Continue trip to 5020 ft. Trip in hole to 9554'. Circulate prior to trip, pump 2 x LCM sweeps, circulate out of the hole. Pump slug, pull 5 stds. check flow, continue POOH, SLM  
 OBM Loss Last 24 Hrs = 24 bbls to SCE

## Operations Next Report Period

Run Casing &amp; Cement

## Weather

Sunny and Clear

## Wellbore

Re-Entry #3

## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	2	Drill 6" Section from 9,395' to 9,554'. WOB 5-16K, ROP 0-35, 240 GPM, SPP 3150 psi. MW 13.2 ppg, BGG 50 Units. CG 250-450 Units.  TD 2/16/2014 at 12:00 noon - AF	9,395.0	9,554.0
12:00	2.00	8.00	5	Circulate prior to short strip. Flowrate 240 gpm, reciprocate pipe, rotate 15 rpm on downstroke, Pzig limitation. Pump 2 x 15 bbl LCM sweeps, (30 ppb Cal Carb.) Circulate sweeps out of the hole. Pump Dry job.	9,554.0	9,554.0
14:00	0.50	8.50	6	Pull 5 stands at 6-7 mps. Flow check, No Flow.	9,554.0	9,554.0
14:30	3.50	12.00	6	Continue trip out of the hole to 5020 ft, (window 5000' to 5010') Monitor hole on trip tank, hole taking proper fill, normal drag.	9,554.0	9,554.0
18:00	4.00	16.00	6	TIH filling pipe every 2000ft. to 9554'	9,554.0	9,554.0
22:00	2.00	18.00	5	Cir. 2 x LCM sweeps around. Circulate till shakers cleanup. Max Gas on circulation after short trip 1144 units. Pump Dry Job.	9,554.0	9,554.0
00:00	0.50	18.50	6	POOH 5 stds, Check flow, No Flow.	9,554.0	9,554.0
00:30	5.50	24.00	6	POOH to 3,600'. Monitor hole on trip tank, hole taking proper fill. SLM.	9,554.0	9,554.0

## Mud Check: 9,554.0ftKB, 2/16/2014 15:00

Date 2/16/2014	Depth (ftKB) 9,554.0	Density (lb/gal) 13.30	Vis (s/qt) 45	PV OR (Pa*s) 20.0	YP OR (lb/1...) 14.000	Gel (10s) (lb/...) 10.000	Gel (10m) (lb...) 14.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 320,479.00	Pot (mg/L) 0	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 86.5/13.5	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Mud Check: 9,554.0ftKB, 2/16/2014 23:30

Date 2/16/2014	Depth (ftKB) 9,554.0	Density (lb/gal) 13.20	Vis (s/qt) 47	PV OR (Pa*s) 15.0	YP OR (lb/1...) 15.000	Gel (10s) (lb/...) 10.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32") 2.0	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 338,744.00	Pot (mg/L) 0	Lime (lb/bbl)	Solids (%) 25.0	CaCl (ppm)	Oil Water Ratio 86.7/13.3	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB) 5,827.0	Depth Out (ft...) 9,554.0	Drilled (ft) 3,727.00	Date In 2/10/2014 09:55	Date Out 2/16/2014 11:30	Drill Time (hr) 128.00	BHA ROP (ft/hr) 29.1	Rot Time (hr) 53.01	Slide Time (hr) 74.99	% Slide Time... 58.59	% Rot Time (%) 41.41
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/17/2014

Report #: 20, DFS: 11.21

## Well Name: Cane Creek 8-1

Daily Depth Progress: 127.00

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/18/2014  
 Report #: 21, DFS: 12.21  
 Daily Depth Progress: 0.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Target Depth (ftKB) 9,665.0		Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3	

## Daily Operations

Report Start Date 2/17/2014 06:00	Report End Date 2/18/2014 06:00	Days From Spud (days) 12.21	Start Depth (ftKB) 9,554.0	End Depth (ftKB) 9,554.0	Daily Depth Progress (ft) 0.00
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 Operations at Report Time  
 cementing

## Operations Summary

Trip out of the hole from 3600' to 150'. Work BHA. Clear and clean drill floor. Rig up casing equipment. Run 4 1/2" Casing. Pickup liner hanger. Run in the hole with drillpipe. Land liner. Rig up cement head. Pressure test lines. Pump cement. Bump plug at 1970 psi. Bleedoff 0.75 bbl back, float held.

OBM Loss Last 24 Hrs = 13 bbls to SCE

## Operations Next Report Period

## Trips

 Weather  
 Sunny and Clear

 Wellbore  
 Re-Entry #3

## Daily Contacts

Job Contact	Position	Office
Paul Roberts	Company Man / WSL	(281) 705-4881
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.00	2.00	6	Trip out from 3600' to 150'. Monitor hole on trip tank.	9,554.0	9,554.0
08:00	2.00	4.00	6	Work BHA. Lay MWD and Directional tools.	9,554.0	9,554.0
10:00	1.00	5.00	22	Clear and Clean drill floor. Remove extra equipment and clean OBM.	9,554.0	9,554.0
11:00	1.00	6.00	12	Pre Job Safety Meeting with B&L Casing and Rig Crew. Rig up casing equipment.	9,554.0	9,554.0
12:00	1.00	7.00	12	Run 4 1/2" Production Liner. Makeup Shoe, 2 jnts, Float Collar, and Landing Collar. Pump through string to check floats, good.	9,554.0	9,554.0
13:00	4.00	11.00	12	Run 4 1/2" Production Liner from 102' to 4840'. Collar clamp on first 20 joints. Fill every 30 joints or when floating.	9,554.0	9,554.0
17:00	1.50	12.50	12	Pickup Liner Hanger and Running tools., set rotating rubber.	9,554.0	9,554.0
18:30	0.50	13.00	5	Cir. bottoms up before getting pick up & slack off weights.	9,554.0	9,554.0
19:00	6.00	19.00	6	TIH with h.wt. & drill pipe, 4 1/2" liner, at 2mins. per stand slack off. fill pipe every 10stds.	9,554.0	9,554.0
01:00	0.50	19.50	6	Space out & land casing @ 9554 ft.	9,554.0	9,554.0
01:30	1.50	21.00	5	Cir. bottoms up from 9554' @ 3BPM, max gas 1624 units	9,554.0	9,554.0
03:00	3.00	24.00	12	Rig up cement head, safety meeting, Test lines to 9500psi, mix & pump, 20 bbls. diesel, 20 bbls tuned spacer, @ 13.7ppg, 29.6bbls. lead @ 14.0ppg, (135 sks) yield 1.23, 63.6bbls. tail @ 15.0ppg(305 sks). yield 1.17, drop plug, 67bbls. mud @ 13.2 ppg, 10bbls. spacer @ 13.7ppg., 37.3bbls. mud @ 13.2ppg. Bump Plug, hold 1950 psi for 10 min. bleedoff 0.75 bbl returned.	9,554.0	9,554.0

## Mud Check: 9,554.0ftKB, 2/17/2014 15:00

Date 2/17/2014	Depth (ftKB) 9,554.0	Density (lb/gal) 13.40	Vis (s/qt) 50	PV OR (Pas) 18.0	YP OR (lbf/1...) 14.000	Gel (10s) (lbf...) 9.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 373,878.00	Calcium (mg/L) 0	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 87.8/12.2	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Mud Check: 9,554.0ftKB, 2/17/2014 23:30

Date 2/17/2014	Depth (ftKB) 9,554.0	Density (lb/gal) 13.30	Vis (s/qt) 47	PV OR (Pas) 17.0	YP OR (lbf/1...) 13.000	Gel (10s) (lbf...) 9.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat... 2.0	HTHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L) 352,736.00	Calcium (mg/L) 0	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 88.4/11.6	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							



## Daily Drilling - Paradox Executive Daily No Cost

Report for: 2/18/2014  
 Report #: 21, DFS: 12.21  
 Daily Depth Progress: 0.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

Daily Drilling Performance										
Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)

Casing & Liners									
Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/19/2014  
 Report #: 22, DFS: 13.21  
 Daily Depth Progress: 0.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com	Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00	Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12
Target Depth (ftKB) 9,665.0		Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3	

## Daily Operations

Report Start Date 2/18/2014 06:00	Report End Date 2/19/2014 06:00	Days From Spud (days) 13.21	Start Depth (ftKB) 9,554.0	End Depth (ftKB) 9,554.0	Daily Depth Progress (ft) 0.00
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Operations at Report Time

TIH

Operations Summary

Cir., rig down, POOH, service rig, TIH, attempt to set bridge plug failed, POOH, R/U wireline, run in hole set packer @ 4641', WLM, pull out of hole, TIH

Operations Next Report Period

Trips

Weather

Sunny and Clear

Wellbore

Re-Entry #3

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401
Paul Roberts	Company Man / WSL	(281) 705-4881

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.00	2.00	5	Cir. out bottoms up from 4700'	9,554.0	9,554.0
08:00	0.50	2.50	22	Test packer to 1500psi for 15mins.	9,554.0	9,554.0
08:30	1.00	3.50	12	rig down cement head, lines & clear rig floor	9,554.0	9,554.0
09:30	2.50	6.00	6	POOH, & lay down running tool	9,554.0	9,554.0
12:00	0.50	6.50	7	Service rig & top drive	9,554.0	9,554.0
12:30	4.00	10.50	6	Make up RET, B/P & TIH to 4595'	9,554.0	9,554.0
16:30	2.50	13.00	22	Attempt to set bridge plug from 4600' to 4695', bridge plug failed to set	9,554.0	9,554.0
19:00	1.00	14.00	5	Transfer mud to slugging pit, build & pump slug	9,554.0	9,554.0
20:00	3.50	17.50	6	POOH with Ret. B/P, lay down bridge plug	9,554.0	9,554.0
23:30	1.00	18.50	11	Rig up rocky mt. wire line	9,554.0	9,554.0
00:30	1.50	20.00	22	Waiting on bridge plug	9,554.0	9,554.0
02:00	2.50	22.50	11	Make up Ret. bridge plug on wireline & run in hole with same, set Ret. bridge plug @ 4641' WLM, pull out of hole with wireline, rig down	9,554.0	9,554.0
04:30	1.50	24.00	6	Make up bit & TIH	9,554.0	9,554.0

## Mud Check: 9,554.0ftKB, 2/18/2014 03:30

Date 2/18/2014	Depth (ftKB) 9,554.0	Density (lb/gal) 13.40	Vis (s/qt) 50	PV OR (Pa*s) 18.0	YP OR (lbf/1...) 13.000	Gel (10s) (lbf...) 9.000	Gel (10m) (lb...) 12.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32")	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 342,154.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 87.8/12.2	
Mud Lost (Hole) (bbl) 0.0	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

## Mud Check: 9,554.0ftKB, 2/18/2014 16:00

Date 2/18/2014	Depth (ftKB) 9,554.0	Density (lb/gal) 13.40	Vis (s/qt) 50	PV OR (Pa*s) 18.0	YP OR (lbf/1...) 13.000	Gel (10s) (lbf...) 9.000	Gel (10m) (lb...) 13.000	Gel (30m) (lb...)	Filtrate (mL...)	FC (1/32")	HHP Filtrat... 2.0	HHP FC (1...) 2
MBT (lb/bbl)	pH	Pm (mL/mL)	Pf (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L) 342,154.00	Pot (mg/L)	Lime (lb/bbl)	Solids (%) 26.0	CaCl (ppm)	Oil Water Ratio 87.8/12.2	
Mud Lost (Hole) (bbl) 71.0	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/19/2014  
 Report #: 22, DFS: 13.21  
 Daily Depth Progress: 0.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/20/2014  
 Report #: 23, DFS: 14.21  
 Daily Depth Progress: 0.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/19/2014 06:00	Report End Date 2/20/2014 06:00	Days From Spud (days) 14.21	Start Depth (ftKB) 9,554.0	End Depth (ftKB) 9,554.0	Daily Depth Progress (ft) 0.00
Operations at Report Time nipple down					
Operations Summary TIH, displace well with CaCl <sub>2</sub> , pumped thru all pumps & lines, L/D drill pipe, rig down cat walk/v-door, nipple down BOPs.					
Operations Next Report Period Nipple up B.O.P.					
Weather Rain			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	2.00	2.00	6	TIH to top of CIBP @ 4641'		
08:00	1.50	3.50	5	Displace 13.2ppg mud out of hole with CaCl <sub>2</sub> water 10.5ppg		
09:30	2.00	5.50	5	Flush thru all pumps & lines, MPD, gas buster & choke manifold		
11:30	4.00	9.50	6	Lay down drill pipe		
15:30	2.50	12.00	6	TIH to 4600ft. with drill pipe		
18:00	6.50	18.50	6	Lay down 4" drill pipe & remove 4" handling tools from rig floor		
00:30	5.50	24.00	14	Nipple down flow line, orbit valve, poll. pan, rig down hyl. cat walk/v-door, remove control line from bops,		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lbf...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HTHP Filtrat...	HTHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...	T Flowline (°F)	Comment							

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826



## Daily Drilling - Paradox Executive Daily No Cost

 Report for: 2/21/2014  
 Report #: 24, DFS: 15.21  
 Daily Depth Progress: 0.00

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P		Surface Legal Location			
Rig Nabors Drilling M40	Company Man/Well Site Lead Paul Roberts	Rig Email Address NaborsM40@Fidelityepco.com		Rig Phone Number (970) 986-4401	Rig Release Previous Well 1/28/2014 06:00 Rig Release Date 2/20/2014 18:00
Drilling Hours (hr) 175.45	Circulating Hours (hr) 15.35	Job ROP (ft/hr) 26.0	Job ROP Rotating (ft/hr) 49.1	Job ROP Sliding (ft/hr) 14.0	Job Rotating % (%) 34.12 Total Job Percent Sliding (%) 65.88
Target Depth (ftKB) 9,665.0	Kick Off Date	Kick Off Depth (ftKB) 5,010.0	Kick Off Depth (TVD) (ftKB) 5,006.3		

## Daily Operations

Report Start Date 2/20/2014 06:00	Report End Date 2/21/2014 06:00	Days From Spud (days) 15.21	Start Depth (ftKB) 9,554.0	End Depth (ftKB) 9,554.0	Daily Depth Progress (ft) 0.00
Operations at Report Time Waiting on day light					
Operations Summary Nipple down BOPs, nipple up dry hole tree, and move man camps, scope down derrick					
Operations Next Report Period Rig Up & Tear Down					
Weather Sunny and Clear			Wellbore Re-Entry #3		

## Daily Contacts

Job Contact	Position	Office
Delbert Sullivan	Company Man / WSL	(970) 986-4401
Tucker Yancey	Company Man / WSL	(970) 986-4401

## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	18.00	18.00	14	Nipple down BOPs, install dry hole tree on well, move man camps, scope down derrick. Rig Released @ 18:00 2/20/2014		
00:00	6.00	24.00	1	Waiting on day light		

## Mud Check: &lt;depth&gt;ftKB, &lt;dtm&gt;

Date	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV OR (Pa*s)	YP OR (lb/1...)	Gel (10s) (lb/...)	Gel (10m) (lb...)	Gel (30m) (lb...)	Filtrate (mL/...)	FC (1/32")	HHP Filtrat...	HHP FC (1...
MBT (lb/bbl)	pH	Pm (mL/mL)	PF (mL/mL)	Mf (mL/mL)	Chlorides (mg/L)	Calcium (mg/L)	Pot (mg/L)	Lime (lb/bbl)	Solids (%)	CaCl (ppm)	Oil Water Ratio	
Mud Lost (Hole) (bbl)	Mud Lost (Surf) (bbl)	LCM	ECD - Manual Entr...		T Flowline (°F)	Comment						

## Daily Drilling Performance

Depth In (ftKB)	Depth Out (ft...)	Drilled (ft)	Date In	Date Out	Drill Time (hr)	BHA ROP (ft/hr)	Rot Time (hr)	Slide Time (hr)	% Slide Time...	% Rot Time (%)
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## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8	
8/10/2007	Conductor								
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8	
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826

43 019 31449

**FIDELITY EXPLORATION & PRODUCTION CO.**

**CANE CREEK UNIT # 8-1H3**

**SE/NW Sec 8, T26S, R20E**

**GRAND COUNTY, UTAH**



Hal Schmidt  
Consulting Geologist  
Hal Schmidt LLC  
10 Heather Way  
Golden, Colorado 80401  
Bus: 303-279-4013  
Cell: 303-919-7822

Sam Spencer  
Consulting Geologist  
Spencer Consulting LLC  
254 Elmwood Dr.  
Colorado Springs, Colorado 80907  
Hm: 719-576-6481  
Cell: 719-258-7712

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

RECEIVED

FEB 28 2014

DIV. OF OIL, GAS & MINING

WELL DATA SUMMARY  
FIDELITY EXPLORATION AND PRODUCTION  
CANE CREEK UNIT # 8-1 H3

**OPERATOR:** FIDELITY EXPLORATION & PRODUCTION CO.

**ADDRESS:** 1700 Lincoln, Suite 2800, Denver, CO. 80203

**WELL NAME:** CANE CREEK UNIT # 8-1H3

**API #:** 43-019-31449-00X1

**SURFACE LOCATION:** 2563' FNL & 1429' FWL,  
SE/NW SEC 8, T26S, R20E

**FIELD:** Big Flat ( Cane Creek Unit)

**COUNTY, STATE** Grand, Utah

**BASIN:** Paradox

**WELL TYPE:** Horizontal Pennsylvanian, Paradox Clastic # 10

**BASIS OF PROSPECT:** Evaluating Shallow Production Potential above Cane Creek

**ELEVATION:** GL: 6005', KB: 6032' (Measured, Graded)

**SPUD DATE** February 6, 2014

**TD DATE:** February 16, 2014

**HORIZONTAL TARGET:** Paradox, Clastic # 10

**KICK-OFF POINT:** 5110' md, 5107' tvd

**TOTAL DEPTH:** 9554' md, 5955' tvd

WELL DATA SUMMARY  
FIDELITY EXPLORATION AND PRODUCTION  
CANE CREEK UNIT # 8-1 H3

TV D AT TD: 5955.35'

BOTTOM HOLE LOCATION: 465' FSL, 921' FEL, SEC. 5, T26S, R20E

FINAL VERTICAL SECTION: 4278.41'

FINAL CLOSURE AZIMUTH: 44.96 deg  
PROPOSED AZIMUTH: 46.4 deg.  
TOTAL DRILLING DAYS 13

STATUS OF WELL: Waiting Completion

CONTRACTOR: Nabors Rig M40

TOOLPUSHER: Shannon McDaniel, Brendon Evens

FIELD SUPERVISORS: Delbert Sullivan, Paul Roberts, Sam Larado, Tucker Yancey

MUD COMPANY: NOV Bariod  
Eric Mascarenas, Dan Geller, Clark Sievers, M. Whitt

MUD TYPE: Invert

WELLSITE GEOLOGISTS: Hal Schmidt, Kent Roddy

PROSPECT GEOLOGIST: Robert Flook, Adam Van Holland, Dave List, Ian Hogan, Fidelity.

ROCK SAMPLING: 30' Lagged Samples in Clastic # 10  
Two sets of dry sample cuts were collected.

DIRECTIONAL DRILLERS: Pathfinder  
Shane Saylor, Jonathan Rice

WELL DATA SUMMARY  
FIDELITY EXPLORATION AND PRODUCTION  
CANE CREEK UNIT # 8-1 H3

MWD: Pathfinder  
Paul Foreman, Jake Newhouse

CASING: 20" Conductor @ 128': 13 3/8" @ 1,550'  
9 5/8" @ 4,109': 7" @ 7,715', 4 1/2" prod csg @ 9554'

HOLE SIZE: 17 1/2" base 20" conductor 103' to 1550'  
12 1/4" 1,550' to 4,109'  
8 1/2" 4,109' to 7,715'  
(Re-entry) 6" 5110' to 9554'

CORES and DST's: None

WIRELINE/OPEN HOLE LOGS: None

KEY WELL FEPC Cane Creek Federal 8-1 (Pilot)  
SE/NW Sec 8, T26S, R20E

FIDELITY EXPLORATION AND PRODUCTION  
 DISTRIBUTION  
 CANE CREEK UNIT # 8-1 H3

<u>DISTRIBUTION</u>	Geological Report	Final Mud Log prints	Digital mud log	Well Cuttings
Fidelity Exploration and Production Co. Drilling Manager Bruce Houtchens 1700 Lincoln St. Suite 2800, Denver CO 80203	3	3	3	0
Fidelity E&P Co. Bob Flook 1700 Lincoln Suite 2800 Denver CO 80203	1	1	1	0
Adam VanHolland Fidelity Exploration and Production 1700 Lincoln St. Suite 2800 Denver, CO 80203	1	1	1	1
State of Utah Division Oil Gas and Mining P.O. Box 145801 1594 W. Temple Suite 1210 Salt Lake City, UT 84114-5801	1	0	1	1
Bureau of Land Management Moab Field Office 82 E. Dogwood Moab, UT 84532	1	0	0	0

## **GEOLOGICAL REPORT**

### **INTRODUCTION**

The Fidelity Exploration & Production Co. Cave Creek Unit 8-1H3 located in SE NW, Section 8, T26S, R20E was re-entered on February 5, 2014. A window was milled in the existing 7 inch casing from 5000' to 5010' in order to drill a new northeast trending horizontal lateral in Pennsylvanian, Paradox Clastic # 10. The lateral was drilled to a total depth of 9554' md, 5955' tvd, bottoming in Salt # 11 on February 16, 2014.

The 8-1H3 horizontal lateral was directionally drilled off a whipstock at 5010' into the Paradox Formation, Salt #6 at a build rate of approximately 10 deg. per 100 feet with an azimuth of 46 degrees. The top of Clastic #10 was encountered at 5825' md, 5606' where the hole had an inclination of 74 degrees. Drilling of the lateral continued with the well path deviating downward, following the formation dip to total depth.

A 24 hour, two man geologist well site service began on February 3, 2014 when preparations were being made to mill a window in the 7 inch casing. An MSI chromatograph was used to record total gas along with the various gas components of C-1 through C-4. The total gas readings were displayed on the rig electronic data recorder screen "Pason" for viewing by operating personnel at the rig and remotely. The total gas and the various gas components recorded were plotted at lagged depth to compile a permanent mudlog record of drilling parameters, lithology drilled, along with hydrocarbon shows.

### **HORIZONTAL LATERAL 8-1H3**

Lithology encountered upon exiting the casing window consisted of salt from Salt #6 at 5010' to 5050'. At 5050' to 5058' the gamma ray data indicated Clastic #6 was drilled, but no evidence of it was present in the samples. Salt #7 was drilled at 5058' to 5129', Clastic #7 from 5129' to 5176', Salt #8, 5176' to 5323', Clastic #8, 5323' to 5374', Salt #9, 5374' to 5592', Clastic #9, 5592' to 5654', Salt #10, 5654' to Clastic #10 at 5825'.

The salt drilled was rusty pink, white to very light gray, opaque and crystalline. Clastic lithology consisted of anhydrite, black shale and dolomite. The anhydrite is white to light gray or gray brown, soft and cuttings consist of curls produced by the pdc bit as it scrapes rather than chips the rock being drilled. Dolomite is light to medium gray in color, slight to moderate calcareous, with original rock texture destroyed as it is generally ground up into curls by the bit. Black shale is black or very dark gray in color, organic, carbonaceous, sooty and is slightly calcareous to non-calcareous.

Mud weight while drilling this section was 13.8 to 13.6 ppg giving an ECD of 15.12 ppg. Minor gas increases were recorded while drilling the various clastics from 50 to 100 units. Sharp connection and downtime gas increases began upon penetrating Clastic #9 and varied from 300 to almost 800 units.

## CLASTIC #10

Clastic # 10 was topped at 5825' md, 5606' tvd where the "Upper Anhydrite" section was penetrated. The lithology was largely anhydrite with some dolomite to 5930'. Background gas varied from 50 to 170 units.

The Clastic 10 "Shale Marker" occurs at approximately 5930' where the lithology changes to black shale and dolomite. A gas increase to 965 units, consisting of methane and ethane was recorded from 5930' to 5950'. Dolomite in Clastic 10 is very similar in appearance to that in the Cane Creek Shale. It is generally light to medium gray, silty, argillaceous, slightly to moderately calcareous and sometimes contains nodules of anhydrite.

Clastic 10 "Salt Bed" underlies the "Shale Marker" and was penetrated at 6381' md, 5684' tvd. The "Middle Anhydrite" underlies the "Salt Bed" and was present from approximately 6420' to 6520'. The top of the "Target Pay" at 6520' was identified based on an increase in black shale and associated high gamma readings. Background gas throughout the interval from the "Shale Marker" at 5930' to 6520' ranged from 100 to 50 units with a peak of 147 units at 6480'. Connection and downtime gases varied from 300 to 600 units. Mud weight was 13.6 to 13.5 ppg.

The "Target Pay" was drilled from 6520' to 6711' where due to a change in formation dip the base of Clastic 10 and Salt #11 was penetrated. By sliding up, we drilled back into Clastic # 10 and the "Target Pay" at 6808'. Drilling continued in the "Target Pay" following the 4 to 9 degree downward dipping formation to 9458' where Salt #11 was again penetrated and total depth called at 9554'.

Primary lithology in the "Target Pay" was dolomite with minor amounts of black shale near the top of the zone. Minor gas increases were associated with the black organic shale from 7456' to 7226', 7630' to 7692' and 8228' to 8400'. The dolomite drilled throughout the "Target Pay" did not appear to give up gas as it was drilled. Connection and downtime gas was generally in the 200 to 400 unit range which may indicate that we were overbalanced to some extent with the mud weight being too high for formation fluid and gas to enter the well bore. However the mud weight was slowly reduced from 13.8 at the top of Clastic 10 to 13.2 at total depth and background gas did not increase as a result.

Evaluation of this Clastic depends on the results achieved upon completion. The various upper clastic zones above the Cane Creek Shale have produced oil, so it is important for exploration via the drill bit continue, so as to provide the information needed to determine their economic potential.

Hal Schmidt

Consulting Geologist

DAILY DRILLING SUMMARY  
FIDELITY EXPLORATION AND PRODUCTION  
CANE CREEK UNIT # 8-1 H3

DAY	DATE 2014	DEPTH 06:00 HRS	24 HR FOOTAGE	BIT #	Mud Losses	24 HR ACTIVITY	FORMATION
1	3-Feb	5,000'	0'	n/a	n/a	Nipple up BOP equipment and pressure test BOP, Kelly hose had pinhole leak, Install catch pan and hoses.	Paradox
2	4-Feb	5,000'	0'	n/a	n/a	Install new Kelly hose, pressure test standpipe and kelly hose, make up clean out BHA & trip in hole picking up drill pipe and HWDP. Install wear bushing and make up casing scraper, run in hole picking up 4" drill pipe.	Paradox
3	5-Feb	5,000'	20'	Mill	0	Clean out to 5200', change well over to 14.0 ppg oil base mud, trip out & lay down clean out BHA, pick up Whipstock assembly, TIH to 5000'. Rig up Gyro wireline, orient whipstock, pull wireline, rig down equipment, set anchor. Mill window 5000'-5010', drill formation (Salt # 6) 5010' to 5020'. circulate btms up.	Paradox
4	6-Feb	5,020'	0'	1	0	Spot LCM pill, FIT TO 18.0 EMW, TOH, Lay down whipstock BHA, M/U directional BHA, Test motor & MWD, TIH to 2384'. Down for top drive electrical problem.	Paradox
5	7-Feb	5020'	76'	1	0	Repair top drive, TIH, Rig up side entry sub, orient drilling tools with Gyro Survey Tool, Drill ahead from 5020' to 5045', pull out of hole with Gyro tool, rig down wireline, remove trip nipple, install rotating head element, drill to 5096'.	Paradox
6	8-Feb	5096'	524'	1	0	Drill curve from 5096' to 5620'.	Paradox
7	9-Feb	5,620'	207'	1	5	Drill curve from 5620' to 5827'. Hole inclination est. approx. 72-74 deg. at 5827' in top of Clastic #10. Trip out of hole, lay down curve BHA, make up new bit, motor and ipzig for lateral BHA,	Paradox
8	10-Feb	5,827'	493'	2	5	Pick up lateral BHA, Trip in hole, re-log with ipzig btm 60' of hole, drill ahead from 5827' to 6320'	Clastic #10
9	11-Feb	6,320'	451'	2	5	Drill from 6320' to 6771'	Clastic #10
10	12-Feb	6,771'	596'	2	5	Drill from 6771' to 7367'	Clastic #10
11	13-Feb	7,367'	861'	2	6	Drill from 7367' to 8228'.	Clastic #10
12	14-Feb	8228'	459'	2	11	Drill from 8228' to 8687'.	Clastic #10
13	15-Feb	8,687'	716'	2	11	Drill from 8687' to 9403'	Clastic #10
14	16-Feb	9,403'	151'	2	0	Drill from 9403' to 9554' Total Depth, circ. btms up, pump 2 sweeps, pump dry job, Trip out to 5020', trip in hole to btm, wash last 60 feet, sweep hole with LCM, circ. hole clean, trip out of hole.	Clastic #10
15	17-Feb	9,554'	0'	2	0	TOH, lay down directional tools, make up shoe track, run 4 1/2" casing, make up hanger and running tool, rig down casing tools. TIH with drill pipe & csg.	Salt #11
16	18-Feb	9,554'	0'	0	0	Run liner to btm, circulate, rig up cementers, Cement 4 1/2" liner. Drop ball, set packer, set hanger. Release from hanger. Reverse circulate out cement. Geologists Released.	Salt #11

BIT RECORD  
 FIDELITY EXPLORATION AND PRODUCTION  
 CANE CREEK # 8-1 H3

OPERATOR: FIDELITY EXPLORATION  
 & PRODUCTION CO.

CONTRACTOR: Nabors Rig M40

SPUD DATE February 3, 2013

WELL NAME: CANE CREEK UNIT # 8-1H3

RIG MAKE: Loadmaster 142' 550K  
 1500 HP

LOCATION: SE/NW SEC 8, T26S, R20E

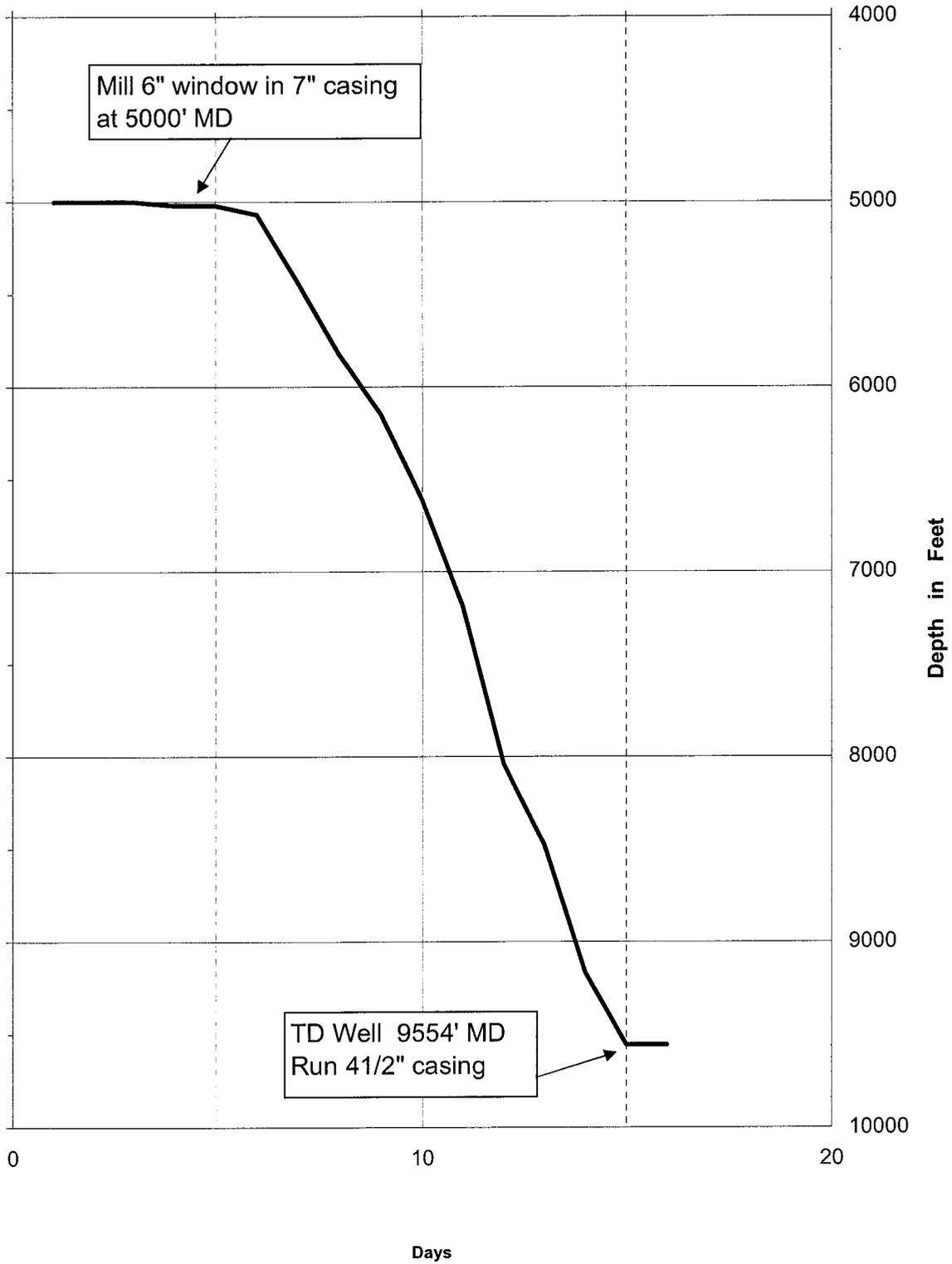
PUMPS: 2 H&H 1600 12"

TD DEPTH/ DATE: 9,554' February 16, 2014

GROUND  
 LEVEL: 6,005' (meas. Graded)  
 KELLY  
 BUSHING: 6,032' (meas. Graded)

Bit #	Size	Make	Type	Jets	Serial #	Depth In	Depth Out	Ftg	Hours	Ft/Hr	Vert. Dev.
Mill #1	6"	SMITH	MILL			5000'	5020'	20'	3.5	5.7	0-1
1	6"	SECURITY	FX64, PDC	6x18	11848912	5,020'	5,827'	807'	44.75	18.0	CURVE
2	6"	SECURITY	FX64, PDC	6x18	11888142	5827'	9554'	3,727'	122	30.5	LATERAL

TIME VS DEPTH  
FIDELITY EXPLORATION AND PRODUCTION  
CANE CREEK UNIT # 8-1H3



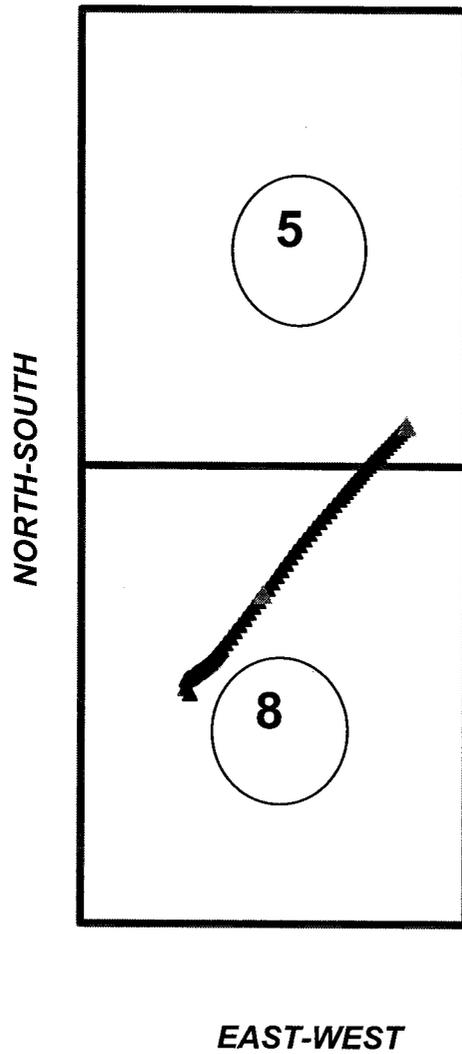
FORMATION TOPS  
FIDELITY EXPLORATION AND PRODUCTION  
CANE CREEK UNIT # 8-1 H3.

Well Name:	Fidelity Cane Creek Unit # 8-1				
Location:	SE NW Sec 8, T26S, R 20E				
Elevation:	KB:	6032'	6032'		
<b>FORMATION</b>	<b>Prognosis</b>	<b>Prognosis Subsea</b>	<b>Sample top</b>	<b>E Log tops</b>	<b>Subsea E Logs</b>
<b>/ ZONE</b>					
	8-1 Pilot hole		8-1H3	no E log	run
Wingate	Surface				
Chinle	N/A				
Moenkopi	N/A				
Cutler	N/A				
Honaker Trail	N/A				
Paradox Formation	3,611'	2,421'			
Salt 1	3,850'	2,182'			
Clastic 1	4,060'	1,972'			
Salt 2	4,154'	1,878'			
Intermediate Casing Pt.	4,109'	1,923'			
Clastic 2	4,243'	1,789'			
Salt 3	4,327'	1,705'			
Clastic 3	4,437'	1,595'			
Salt 4	4,477'	1,555'			
Clastic 4	4,588'	1,444'			
Salt 5	4,659'	1,373'			
Clastic 5	4,930'	1,102'			
Salt 6	4,951'	1,081'	at window		
Clastic 7	5,129'	903'	5,129'		
Salt 8	5,174'	858'	5,176'		
Clastic 8	5,306'	726'	5,323'		
Salt 9	5,344'	688'	5,374'		
Clastic 9	5,503'	529'	5,592'		
Salt 10	5,537'	495'	5,654'		
Clastic 10	5,599'	433'	5,825'		
Salt 11	5,656'	376'	6,711'		

FIDELITY EXPLORATION AND PRODUCTION  
 INVERT MUD REPORTS  
 CANE CREEK UNIT # 8-1 H3

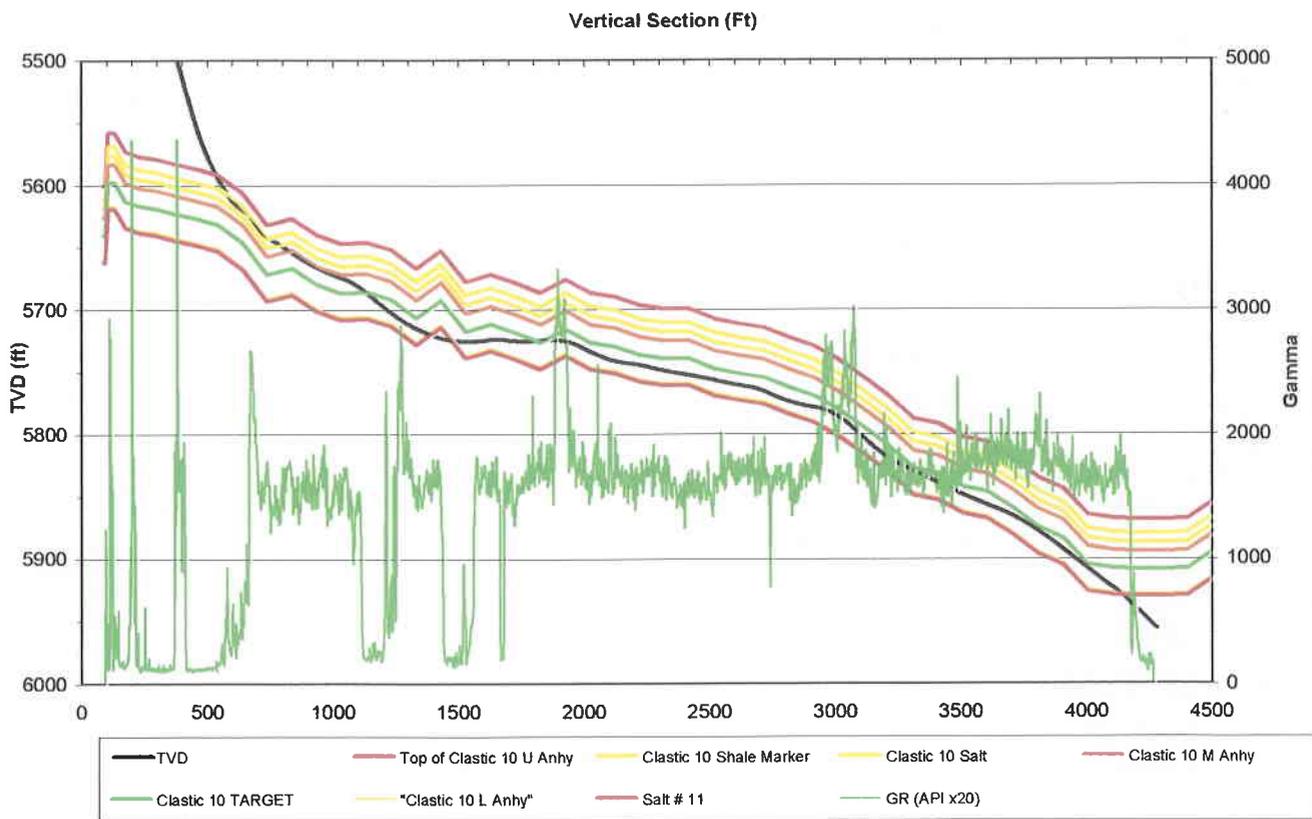
DATE 2014	DEPTH	Flow Line Temp	WT	FV	PV	YP	GELS	API FILT	OIL/WATER	ELECTRIC STABILITY	CORRECTED SOLIDS	NaCl % wt	CaCl2 % wt	MgCl2 % wt	24 HOUR MUD LOSSES
6-Feb	5005	n/a	13.70	60	17	8	7/9	3	83.8/16.2	576	24.50	7.90	21.9	5.00	0
7-Feb	5020	n/a	13.90	58	18	12	7/9	3	83.7/16.3	687	25.00	7.70	22.3	6.10	0
8-Feb	5070	70	14.00	56	20	19	11/14	3	82.4/17.6	788	24.40	7.20	21.90	6.20	0
9-Feb	5462	90	13.80	54	23	20	13/15	n/a	80.8/19.2	771	25.30	7.50	20.30	5.40	5
10-Feb	5827	n/a	13.65	47	19	16	10/14	2	86.7/13.3	760	22.60	5.40	26.20	6.50	5
11-Feb	6150	115	13.65	47	18	18	11/13	n/a	81.5/18.5	760	21.40	9.00	20.3	5.80	5
12-Feb	6620	100	13.50	48	18	16	10/13	2	82.1/17.9	870	21.40	8.00	21.8	6.20	5
13-Feb	7180	95	13.45	47	19	12	10/13	2	82.1/17.9	880	21.50	8.50	21	9.00	6
14-Feb	8140	103	13.20	47	18	16	10/13	2	85.5/14.5	875	21.60	5.00	27.2	5.30	11
15-Feb	8,520	100	13.20	47	20	15	10/14	2	86.7/13.3	920	23.00	3.80	29.7	3.80	11
16-Feb	9242	100	13.25	47	17	15	9/13	2	86.7/13.3	900	23.00	3.80	29.7	3.80	0
17-Feb	9554	n/a	13.20	47	15	15	10/13	2	86.7/13.3	890	25.00	3.80	29.70	3.80	0

**FIDELITY E&P CO.  
CANE CREEK UNIT # 8-1H3  
SEC 8, T26S, R20E  
GRAND COUNTY,  
UTAH**



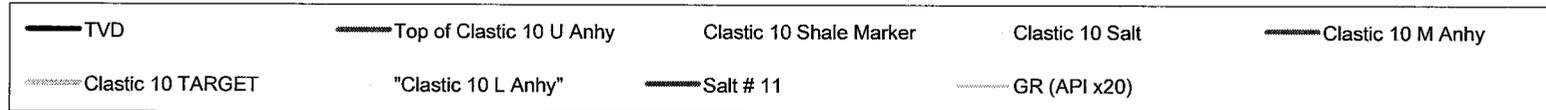
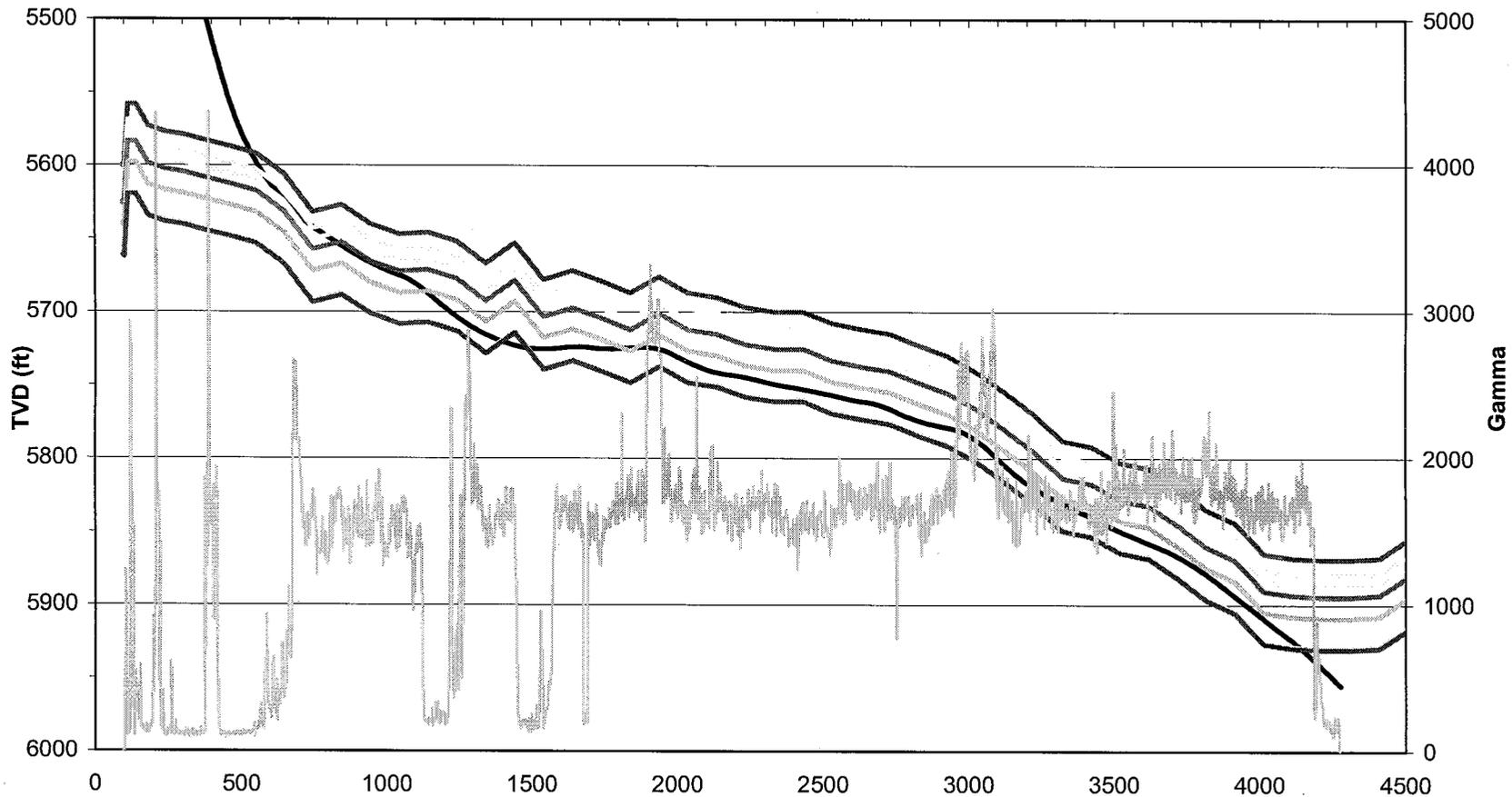
- ▲ SHL
- ▲ BHL
- ▲ Build
- ▲ Lateral In Zone
- Section Lines
- ▲ Out of Zone

### Cane Creek Unit 8-1H3 Gamma vs. Vertical Section

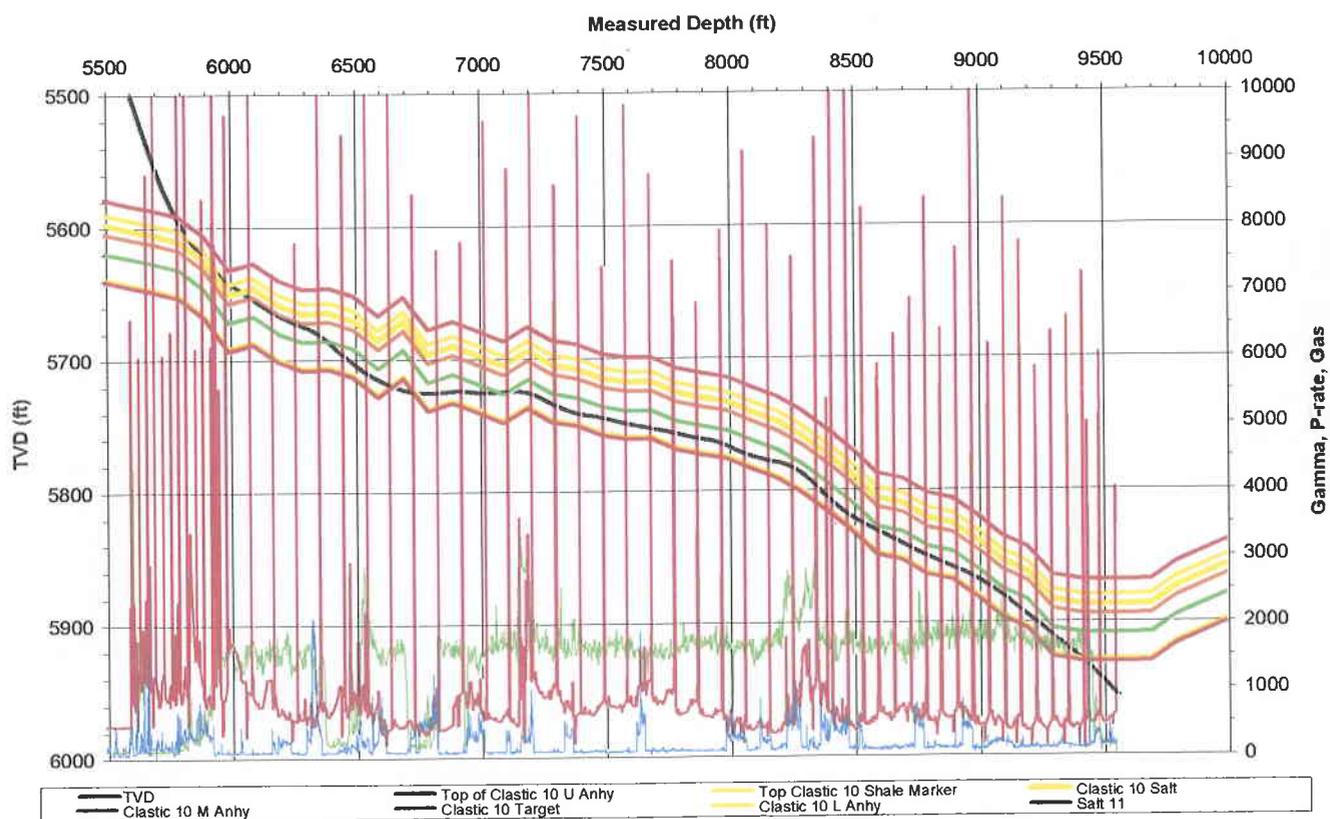


# Cane Creek Unit 8-1H3 Gamma vs. Vertical Section

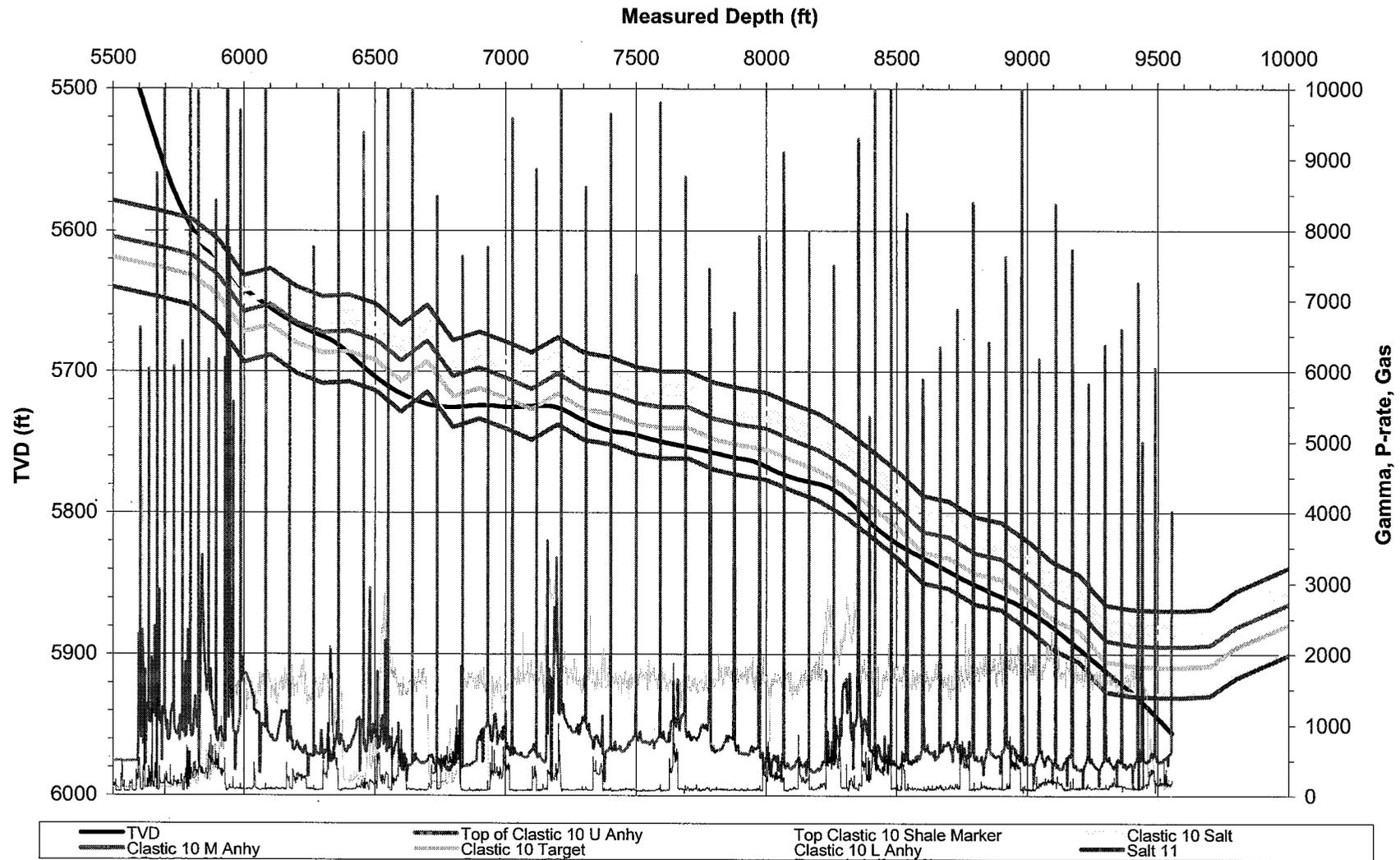
Vertical Section (Ft)



### Fidelity Cane Creek Unit 8-1H3 TVD vs. GR, ROP, Gas



### Fidelity Cane Creek Unit 8-1H3 TVD vs. GR, ROP, Gas



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY		<b>9. API NUMBER:</b> 43019314490000
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street Ste 2800 , Denver, CO, 80203		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> GRAND
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/1/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Monthly completion report.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          April 01, 2014</b>		
<b>NAME (PLEASE PRINT)</b>	<b>PHONE NUMBER</b>	<b>TITLE</b>
Joy Gardner	720 956-5763	Sr. Engineering Tech
<b>SIGNATURE</b>		<b>DATE</b>
N/A		4/1/2014



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/7/2014

Report #: 1

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/7/2014 06:00	Report End Date 3/8/2014 06:00
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Operations at Report Time  
MIRU, MI equip & tanks, ND wellhead, NU BOPs.

Operations Summary  
MIRU, MI eqip & tanks, ND wellhead, NU BOPs

Operations Next Report Period

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	0.00	0.00	GOP	3/4/2014: CClean up location after drilling MO. 3/5/2014: Test & set rig anchors. Replaced one anchor & all the other tested good. 3/6/2014: WO Completion rig		
06:00	1.00	1.00	GOP	Crew travel.		
07:00	0.50	1.50	SMTG	Hold safety meeting aand discuss job. SICP- 0#		
07:30	8.50	10.00	SRIGUP	MIRU Monuments rig #21. MI all rig equip. MI and spot catwalk and racks. MI pump and tank. MI the tanks needed for the completion. MI the fluids for those tanks. MI the tbg ( 2 7/8", 2 3/8" & 2 3/8" WTS ) from other locations. (25) jnts of 2 7/8" 6.5# N-80 EUE 8rd tbg from the Cane Creek 18-2H. (25) jnts of 2 3/8" 4.7# N-80 EUE 8rd tbg from the Cane Creek 7-1H. ND the wellhead. Set the plugged hanger for testing. NU the Vision 10,000# BOPs, 5000# annular & 3000# Washington head. Secure location.		
16:00	1.00	11.00	SDFN	Secure Well / SDFN / Travel		
17:00	13.00	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...pH)	Filter Size (in)	Description



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/7/2014

Report #: 1

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Fluid Additives</b>								
Additive	Amount		Units	Concentration (%)				
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/8/2014

Report #: 2

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/8/2014 06:00	Report End Date 3/9/2014 06:00
Operations at Report Time BOP test, Unload tbg, TIH w/ 7" scraper, circ hole.	
Operations Summary BOP test, unload tbg, TIH w/ 7" scraper, circ hole.	
Operations Next Report Period	

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	SDFN	SDFN		
07:00	1.00	2.00	GOP	Crew travel		
08:00	0.50	2.50	SMTG	Hold safety meeting and discuss job. SICP- 0# Prep to BOP test.		
08:30	2.50	5.00	PTST	MI Cameron. Test the BOPs. Test the 10,000# equip to 8,000# (high) and 250# (low). The 5000# equip to 4500# (high) and 250# (low). Good tests Pull plugged hanger from the head.		
11:00	6.00	11.00	TRIP	Unload 132 jnts of 2 7/8" 6.5# N-80 EUE 8rd tbg from CTAP and 51 jnts of 2 3/8" 4.7# N-80 EUE 8rd tbg from CTAP. Put 157 jnts of 2 7/8" N-80 tbg on the rig racks. PU the 7" csg scraper assembly and TIH as follows. 6" (3) bladed drag bit. Weatherford 7" csg scraper, BS, 1 jnt of 2 7/8" 6.5# N-80 EUE 8rd tbg, X nipple ( 2.313" ID ), 142 jnts of 2 7/8" 6.5# N-80n EUE 8rd tbg. Tag up on the RBP @ 4641'. Reverser Circ the hole w/ 150 bbls of CACL water. The hole is clean. SI the tbg, csg and BOPs.		
17:00	1.00	12.00	SDFN	Secure Well / SDFN / Travel		
18:00	12.00	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	Stim/Treat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...)	pH	Filter Size (in)	Description



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/8/2014

Report #: 2

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Fluid Additives</b>								
Additive	Amount		Units	Concentration (%)				
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bbt)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/9/2014

Report #: 3

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/9/2014 06:00	Report End Date 3/10/2014 06:00
Operations at Report Time TOOH w/ 7" scraper, TIH w/ L-10, Pick RBP, TOOH, TIH w/ 7" scraper, circ hole.	
Operations Summary TOOH w/ 7" scraper, TIH w/ L-10, pick RBP, TOOH, TIH 7" sccraper, circ hole.	
Operations Next Report Period	

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	GOP	Crew travel		
07:00	0.50	1.50	SMTG	Hold safety meeting and discuss job. SITP- 10# SICP- 10# BD tbg and csg to 0#.		
07:30	1.50	3.00	TRIP	TOOH w/ 7" scraper assembly. LD the scraper assembly. PU the L-10 connector.		
09:00	4.00	7.00	TRIP	TIH w/ L-10 connector to 4641'. Pick the Baker 4 1/2" RBP. The fluids in the well equalized. TOOH w/ the 4 1/2" RBP. LD RBP & tools.		
13:00	3.00	10.00	TRIP	MU the 7" scraper assembly. TIH the scraper assembly w/ 146 jnts of 2 7/8" 6.5# N-80 EUE 8rd tbg. Tag up on the 4 1/2" liner top @ 4706'. This is 4' deeper than the drilling rig reported the liner top. Circ the hole w/ 50 bbls of 10.2 ppg CACL water. No pressure on the tbg or the csg. SI the tbg, csg and BOPs. Secure location.		
16:00	1.00	11.00	SDFN	Secure Well / SDFN / Travel		
17:00	13.00	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...pH)	Filter Size (in)	Description

## Fluid Additives

Additive	Amount	Units	Concentration (%)



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/9/2014

Report #: 3

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/10/2014

Report #: 4

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/10/2014 06:00	Report End Date 3/11/2014 06:00
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Operations at Report Time  
TOOH w/ 7" scraper, Move 2 3/8" tbg, TIH 2 3/8" work string, tag at 9456', TOOH to kill depth.

Operations Summary  
TOOH w/ 7" scraper, move 2 3/8" tbg, TIH 2 3/8" work string, tag @ 9456', ToOH to kill depth.

Operations Next Report Period

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	GOP	Crew travel		
07:00	0.50	1.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICP- 0#		
07:30	2.00	3.50	TRIP	TOOH w/ 7" scraper assembly. LD the assembly.		
09:30	1.50	5.00	GOP	MI the 2 3/8" tbg to the rig racks. Tally tbg.		
11:00	5.75	10.75	TRIP	TIH tapered work string as follows: 2 3/8" notched collar, 1 jnt of 2 3/8" 4.7# N-80 EUE 8rd tbg, X nipple ( 1.875" ), (69) jnts of 2 3/8" 4.7# N-80 EUE 8rd tbg, X over ( 2 3/8" EUE X 2 3/8" WTS ), (85) jnts of 2 3/8" 5.95# P-110 WTS/IJ tbg, X over ( 2 3/8" WTS X 2 7/8" EUE ), 1 jnt of 2 7/8" 6.5# N-80 EUE 8rd tbg, X nipple ( 2.313" ID ), (142) jnts of 2 7/8" 6.5# N-80 EUE 8rd tbg. Tag up on the landing collar @ 9456'. This is 3' deeper than the drilling rig depth.		
16:45	1.25	12.00	TRIP	TOOH with all of the 2 7/8" tbg to a kill depth of 4700'. SI tbg, csg and BOPs. Secure location.		
18:00	1.00	13.00	SDFN	Secure Well / SDFN / Travel		
19:00	11.00	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...pH)	Filter Size (in)	Description

## Fluid Additives

Additive	Amount	Units	Concentration (%)



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/10/2014

Report #: 4

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type			Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/11/2014

Report #: 5

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/11/2014 06:00	Report End Date 3/12/2014 06:00
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## Operations at Report Time

TIH to landing collar, circ, TOOH w/ 4 1/2" assembly, TIH w/ 4 1/2" bit and scraper assembly.

## Operations Summary

TIH to landing collar, circ, TOOH w/ 4 1/2" assembly, TIH w/ 4 1/2" bot and scraper.

## Operations Next Report Period

Weather High winds	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	GOP	Crew travel.		
07:00	0.50	1.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICP- 0#		
07:30	1.50	3.00	TRIP	TIH w/ notched collar assembly. Tag up on the landing collar @ 9456'. PU 4', prep to circ out the mud.		
09:00	2.50	5.50	CTU	Circ out the invert mud in the lateral. Pump: Avg Pump Press- 1650# Avg Rate- 0.75 bpm. Pump in reverse to circ the hole. Pump 130 bbls of 10.2 ppg CACL water w/ inhibitors. Good water to the surface. Transport 65 bbls of 10.2 ppg invert mud to the NOV plant. Prep to TOOH.		
11:30	3.00	8.50	TRIP	TOOH w/ the notched collar assembly. Std back the tbg in the derrick.		
14:30	2.00	10.50	TRIP	PU the 4 1/2" csg scraper assembly and TIH as follows: 3 5/8" drag bit, 4 1/2" csg scraper, BS, 1 jnt of 2 3/8" 4.7# N-80 EUE 8rd tbg, X nipple ( 1.1875" ID ), (68) jnts of 2 3/8" 4.7# N-80 EUE 8rd tbg, X over ( 2 3/8" EUE X 2 3/8" WTS ), (85) jnts of 2 3/8" 5.95# P-110 WTS/IJ tbg, X over ( 2 3/8" WTS X 2 7/8" WTS ), 1 jnt of 2 7/8" 6.5# N-80 EUE 8rd tbg. Hang the tbg of in the rig slips.		
16:30	0.50	11.00	GOP	SI the tbg, csg and BOPs.		
17:00	1.00	12.00	SDFN	Secure Well / SDFN / Travel		
18:00	12.00	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	Stim/Treat Supervisor
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## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...)	pH	Filter Size (in)	Description
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## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/11/2014

Report #: 5

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Fluid Additives</b>								
Additive	Amount		Units	Concentration (%)				
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/12/2014

Report #: 6

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/12/2014 06:00	Report End Date 3/13/2014 06:00
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## Operations at Report Time

CCont to TIH 4 1/2" scraper, short trip, circ hole, TOO H w/ scraper, TIH notched collar.

## Operations Summary

Cont to TIH 4 1/2" scraper, short trip, circ hole, TOO H w/ 4 1/2" scraper, TIH notched collar.

## Operations Next Report Period

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	GOP	Crew travel		
07:00	0.50	1.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICP- 0#		
07:30	1.50	3.00	TRIP	Cont to TIH w/ 4 1/2" scraper assembly. Tag up @ 9456'.		
09:00	3.00	6.00	TRIP	Round trip a short trip with the 4 1/2" scraper assembly to top of liner and back to 9456'. PU 4' and prep to circ the hole.		
12:00	1.50	7.50	CTU	Circ the hole in reverse with 10.2 ppg CACL water. Pump: Avg Press- 600# Avg Rate- 2.25 bpm Pumped a total of 100 bbls of water to clean out the hole.		
13:30	3.00	10.50	TRIP	TOOH w/ 4 1/2" scraper assembly. LD the scraper assembly. PU the notched collar assembly.		
16:30	1.50	12.00	TRIP	TIH the notched collar assembly. All of the 2 3/8 EUE and WTS needed. Add (1) jnt of 2 7/8" 6.5# N-80 EUE 8rd tbg. Ld the tbg in the rig slips. EOT @ 4700'.		
18:00	0.50	12.50	GOP	SI the tbg, csg and BOPs. Secure location.		
18:30	1.00	13.50	SDFN	Secure Well / SDFN / Travel		
19:30	10.50	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	Stim/Treat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...)	pH	Filter Size (in)	Description



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/12/2014

Report #: 6

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Fluid Additives</b>								
Additive	Amount		Units	Concentration (%)				
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bbt)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/13/2014

Report #: 7

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/13/2014 06:00	Report End Date 3/14/2014 06:00
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Operations at Report Time  
TIH notched collar, circ in diesel, TOO & LD 2 3/8" WTS, TIH to kill depth.

Operations Summary  
TIH notched collar, circ in diesel, TOO & LD 2 3/8" WTS, TIH to kill depth.

Operations Next Report Period

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	GOP	Crew travel		
07:00	0.50	1.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICP- 0#		
07:30	1.00	2.50	TRIP	Cont to TIH w/ notched collar. Tag up @ 9456'		
08:30	0.50	3.00	SMTG	MI Onsite Safety crew. Hold safety meeting and discuss the diesel displacement.		
09:00	2.50	5.50	CTU	Circ the hole in reverse with #2 diesel. Pump: Avg Press- 1600# Avg Rate - 0.75 bpm Pump diesel around to the surface.		
11:30	3.00	8.50	TRIP	Release the fire safety crew. TOO & LD the 2 3/8" WTS work string.		
14:30	2.00	10.50	TRIP	TIH w/ 2 3/8" 4.7# N-80 EUE 8rd tbg, Xover ( 2 3/8" EUE X 2 7/8" EUE ), (64) jnts of 2 7/8" 6.5# N-80 EUE 8rd tbg. Ld the tbg in the rig slips.		
16:30	0.50	11.00	GOP	SI tbg, csg and BOPs. Secure location.		
17:00	1.00	12.00	SDFN	Secure Well / SDFN / Travel		
18:00	12.00	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	Stim/Treat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...pH)	Filter Size (in)	Description

## Fluid Additives

Additive	Amount	Units	Concentration (%)



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/13/2014

Report #: 7

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/14/2014

Report #: 8

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/14/2014 06:00	Report End Date 3/15/2014 06:00
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Operations at Report Time  
TOOH w/ kill string, safety meeting, run guns, set packer, test packer.

Operations Summary  
TOOH w/ kill string, safety meeting, run guns, set packer, test packer.

Operations Next Report Period

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	GOP	Crew travel.		
07:00	0.50	1.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICP- 0#		
07:30	2.00	3.50	TRIP	TOOH w/ kill string. Move the guns to the racks. Total of 124 carriers. Prep guns.		
09:30	0.50	4.00	SMTG	Hold safety meeting and discuss the running of the guns. MIRU the flowback equip w/ tanks.		
10:00	6.00	10.00	CTTCP	TIH w/ Baker's 3 1/8" gun ( 3 1/8" EHC, 6 spf, 60 deg phasing, 21 grm, Titan EXP- 3321T charges ) assembly as follows: Bull nose, 3 1/8" guns ( 1230' ), 3 1/8" blanks ( 2200' ), 3 1/8" guns ( 970' ), safety spacer, model RD firing head, model D firing head, PDA 3, (72) jnts of 2 3/8" 4.7# N-80 EUE 8rd tbg, X over ( 2 3/8" EUE X 2 7/8" EUE), 2 7/8" X 4' N-80 pup, 2 7/8" N-80 tbg swivel, 2 7/8" X 4' N-80 pup, XN nipple ( 2.313" ID w/ 2.205" NG ), 2 7/8" X 4' N-80 pup, 7" X 2 7/8" Hornet Packer (5.91" OD ), L-10 connector, 1 jnt of 2 7/8" 6.5# N-80 EUE 8rd tbg, X nipple ( 2.313" ID ), ( 143 ) jnts of 2 7/8" 6.5# N-80 EUE 8rd tbg. Set the packer @4644', top shot @ 7000' and bottom shot @ 9280'.		
16:00	0.50	10.50	PTST	Pressure test the packer @ 2000#. Good test. Release from the packer, LD 1 jnt of 2 7/8" tbg. SI the tbg, csg and BOPs. Secure location.		
16:30	1.00	11.50	SDFN	Secure Well / SDFN / Travel		
17:30	12.50	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor
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## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/14/2014

Report #: 8

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stim/Treat Fluids</b>								
Fluid Name	Fluid Type	Dens Fluid (°A...)	pH	Filter Size (in)	Description			
<b>Fluid Additives</b>								
Additive	Amount	Units	Concentration (%)					
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)	Tubing Pressure Start (psi)	Casing Pressure Start (psi)	Bottom Hole Pressure Start (psi)				
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)	Pressure Tubing End (psi)	Casing Pressure End (psi)	Pressure BH End (psi)				
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statures</b>								
Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Status					
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statures</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0	Bottom Depth (ftKB) 7,655.0	Status Open					



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/15/2014

Report #: 9

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/15/2014 06:00	Report End Date 3/16/2014 06:00
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Operations at Report Time  
TOOH w/ L-10, TIH w/ new L-10, circ out diesel, Ld tbg, ND BOPs, NU tree, test, pull 2way.

Operations Summary  
TOOH w/ L-10, TIH w/new L-10, circ out diesel, Ld tbg, ND BOPs, Nu tree, test, pull 2way.

Operations Next Report Period

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	GOP	Crew travel		
07:00	0.50	1.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICIP- 0#		
07:30	1.50	3.00	TRIP	TOOH w/ tbg and L1-0 connector. LD the L-10.		
09:00	1.50	4.50	TRIP	TIH w/ new L-10 connector as follows: L-10 connector, 1 jnt of 2 7/8" 6.5# N-80 EUE 8rd tbg, X nipple ( 2.313" ID ), (141) jnts of 2 7/8" 6.5# N-80 EUE 8rd tbg, (1) 2 7/8" X 4' N-80 pup, 1 jnt of 2 7/8" 6.5# N-80 EUE 8rd tbg, set above the packer.		
10:30	1.25	5.75	CTU	Circ the hole conventionally, circ out the diesel from the packer up. Circ out w/ 8.4 ppg water w/ Baker packer fluid inhibitors. Pump: Avg Press- 600# Avg Rate- 2.25 bpm. Pumped 165 bbls of water.		
11:45	0.75	6.50	GOP	PU the Cameron tbg hanger. Connect up to the packer with the L-10. Land the tbg hanger in the head with 15,000lbs of compression on the packer.		
12:30	1.00	7.50	PTST	Pressure test the packer inside and out w/ 2000#. Good tests. BD the pressure. Apply the 2way check to the hanger.		
13:30	2.00	9.50	NIPDW N	ND the 10,000# BOPs, NU the Cameron 10,000# tree.		
15:30	1.50	11.00	PTST	Pressure test the 10,000# tree w/ 8000# (high) & 250# (low). Good tests.		
17:00	0.50	11.50	GOP	Pull the 2way check from the hanger. SI the tbg & csg. Secure location.		
17:30	1.00	12.50	SDFN	Secure Well / SDFN / Travel		
18:30	11.50	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/15/2014

Report #: 9

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stimulations &amp; Treatments</b>								
Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor			
<b>Stim/Treat Fluids</b>								
Fluid Name	Fluid Type	Dens Fluid (°A... pH)	Filter Size (in)	Description				
<b>Fluid Additives</b>								
Additive	Amount	Units	Concentration (%)					
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)	Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)		
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)	Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)		
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)	Bottom Depth (ftKB)		Status				
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0	Bottom Depth (ftKB) 7,655.0		Status Open				



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/16/2014

Report #: 10

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/16/2014 06:00	Report End Date 3/17/2014 06:00
Operations at Report Time NU the flowline, test, fire guns, monitor well.	
Operations Summary NU the flowline, test, fire guns, monitor well.	
Operations Next Report Period	

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	SDFN	SDFN		
07:00	1.00	2.00	GOP	Crew travel.		
08:00	0.50	2.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICIP- 360#		
08:30	2.00	4.50	NIPUP	NU the flowline from the tree to the flowback manifold.		
10:30	1.00	5.50	SMTG	Hold safety meeting and discuss firing the guns. Press test the flowback system to 4000#. Good test.		
11:30	0.25	5.75	PFRT	Press up on the guns to 3700#. SICIP- 360# Bleed the tbg back to 500#. Wait for the guns to fire. The guns fired in 7 mins. The tbg went from 500# to 0# and a vac. There is a strong vac on the tbg. SICIP- 360# Monitor well.		
11:45	5.25	11.00	WTST	SITP- 0# SICIP- 360# The tbg is on a strong vac. Cont to monitor well.		
17:00	7.00	18.00	WTST	SITP- 0# SICIP- 360# The tbg is on a strong vac. Cont to monitor well.		
00:00	5.00	23.00	WTST	SITP- 0# SICIP- 360# The tbg is on a strong vac. Cont to monitor well.		
05:00	1.00	24.00	WTST	This hr will be on the next days reports. Cont to monitor well.		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	Stim/Treat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...)	pH	Filter Size (in)	Description

## Fluid Additives

Additive	Amount	Units	Concentration (%)



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/16/2014

Report #: 10

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/17/2014

Report #: 11

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/17/2014 06:00	Report End Date 3/18/2014 06:00
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Operations at Report Time  
Swab well, monitor well.Operations Summary  
Swab well, monitor well.

Operations Next Report Period

Weather High winds	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	SDFN	SDFN		
07:00	1.00	2.00	GOP	Crew travel.		
08:00	0.50	2.50	SMTG	Hold safety meeting and discuss job. SITP- 0# ( vac) SICP- 360# Prep to swab.		
08:30	2.00	4.50	SWAB	1st swab run: IFL- 300' PF- 1000' Rec 5 bbls of water. Cont to swab down the well. Make 6 runs. The FL in the well cont to drop. On the 6th run the FL was at 2300', PF- 3000'. On the 7th run the FL came up to 1800', PF - 2800'. The well came around and flowed for 25 mins. Flowing water and gas. Make the 8th run and the FL- no tag, PF 6400' ( XN ). No fluid recovered. Recovered a total of 31.5 bbls of water with a trace of diesel at this time.		
10:30	1.00	5.50	GOP	Wait 1 hr before making another swab run.		
11:30	2.00	7.50	SWAB	MMake the 9th swab run: FL- no tag PF- 6400' recovered no fluid at the surface. Wait 2 hrs.		
13:30	1.50	9.00	SWAB	Make the 10th run: FL- no tag PF- 6400' No fluid recovery to the surface. No entry down hole. Wait 1.50 hrs.		
15:00	1.00	10.00	SWAB	Make the 11th run: fl- NO TAG PF- 6400' No fluid recovered at the surface. RD the swab. FTP- 0# SICP- 380# Release the rig crew and cont to monitor the well with the flowback crew. Daily Swab Report: Runs- 11 IFL- 300' EFL- 6400' Fluid Rec: 31.5 bbls of water with a trace of diesel.		
16:00	1.00	11.00	WTST	SITP- 0# SICP- 380# Cont to monitor well.		
17:00	7.00	18.00	WTST	SITP- 0# SICP- 380# Cont to monitor well.		
00:00	5.00	23.00	WTST	SITP- 0# SICP- 380# Cont to monitor well.		
05:00	1.00	24.00	WTST	This hr will be on the next days reports. Cont to monitor well.		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/17/2014

Report #: 11

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Tubing Components</b>								
Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts			
<b>Stimulations &amp; Treatments</b>								
Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor			
<b>Stim/Treat Fluids</b>								
Fluid Name	Fluid Type	Dens Fluid (°A... pH)	Filter Size (in)	Description				
<b>Fluid Additives</b>								
Additive	Amount	Units	Concentration (%)					
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)	Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)		
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)	Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)		
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)	Bottom Depth (ftKB)		Status				
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0	Bottom Depth (ftKB) 7,655.0		Status Open				



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/18/2014

Report #: 12

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/18/2014 06:00	Report End Date 3/19/2014 06:00
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Operations at Report Time  
Swab well, monitor well.Operations Summary  
Swab well, monitor well.

Operations Next Report Period

Weather  
Sunny and ClearWellbore  
Re-Entry #3

## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	SDFN	SDFN		
07:00	1.00	2.00	GOP	Crew travel		
08:00	0.50	2.50	SMTG	Hold safety meeting and discuss job. SITP- 0# SICP- 360# Prep to swab wel.		
08:30	1.50	4.00	SWAB	1st swab run: IFL- no tag PF- 4600' Rec o bbls of fluid. <b>There are no fluids in the hole.</b>		
10:00	2.00	6.00	GOP	Go to the Cane Creek 12-1H to check the status of the well. Open the well up to the production tanks. Flow the well on a 2' and bring the well around. The well is unloading and <b>the flowing pressures are climbing.</b> Turn the well into the production equip. <b>The well is flowing at 230# on the tbq.</b> No need to RU on the well. RD the rig on the Cane Creek 8-1H.		
12:00	5.00	11.00	WTST	SITP- 0# SICP- 360# Cont to monitor well.		
17:00	7.00	18.00	WTST	SITP- 0# SICP- 0# Cont to monitor well.		
00:00	5.00	23.00	WTST	SITP- 0# SICP- 360# Cont to monitor well.		
05:00	1.00	24.00	WTST	This hr will be on the next days reports. Cont to monitor well.		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	Stim/Treat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...pH)	Filter Size (in)	Description

## Fluid Additives

Additive	Amount	Units	Concentration (%)



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/18/2014

Report #: 12

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/19/2014

Report #: 13

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/19/2014 06:00	Report End Date 3/20/2014 06:00
Operations at Report Time Monitor Well	
Operations Summary Monitor well.	
Operations Next Report Period	

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	0.00	0.00	WTST	SITP- 0# SICP- 360# Monitor pressures		
06:00	6.00	6.00	WTST	SITP- 0# SICP- 360# Cont to monitor pressures.		
12:00	5.00	11.00	WTST	SITP- 0# SICP- 360# Cont to monitor pressures.		
17:00	7.00	18.00	WTST	SITP- 0# SICP- 360# Cont to monitor pressures.		
00:00	5.00	23.00	WTST	SITP- 0# SICP- 360# Cont to monitor pressures.		
05:00	1.00	24.00	WTST	This hr will be on the next days reports. Cont to monitor pressures.		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	Stim/Treat Supervisor
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## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...pH)	Filter Size (in)	Description
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## Fluid Additives

Additive	Amount	Units	Concentration (%)
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## Stim/Treat Stages

Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bbl)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	

## Stim/Treat Additives

Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)
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## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/19/2014

Report #: 13

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

## Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Wellbore	Zone	Shot...	Ente...	String Perforated
7/15/2013	Perforated	5,804.0	5,818.0	Re-Entry #3	Clastic #12, Re-Entry #3			

## Perforation Statuses

Date	Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Status
1/1/2008	Perforation	7,580.0	7,655.0	Open

## Perforation Statuses

Date	Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Status
2/18/2008		7,580.0	7,655.0	Open



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/20/2014

Report #: 14

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Type Re-entry3	Job SubType	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/20/2014 06:00	Report End Date 3/21/2014 06:00
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Operations at Report Time

Monitor Well

Operations Summary

Monitor well

Operations Next Report Period

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	WTST	Monitor well SITP- 0# SICP- 360#		
12:00	12.00	18.00	WTST	Monitor well SITP- 0# SICP- 360# Monitor well		
00:00	6.00	24.00	WTST	Monitor well SITP- 0# SICP- 360# Monitor well.		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)
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## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts
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## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor
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## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A... pH)	Filter Size (in)	Description
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## Fluid Additives

Additive	Amount	Units	Concentration (%)
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## Stim/Treat Stages

Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bbi)
------------	-------	------------	----------	------------	------------	------------------	-----------------	------------------

Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)	Tubing Pressure Start (psi)	Casing Pressure Start (psi)	Bottom Hole Pressure Start (psi)
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Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)	Pressure Tubing End (psi)	Casing Pressure End (psi)	Pressure BH End (psi)
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## Stim/Treat Additives

Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)
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## Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Wellbore	Zone	Shot...	Ente...	String Perforated
7/15/2013	Perforated	5,804.0	5,818.0	Re-Entry #3	Clastic #12, Re-Entry #3			



**Daily Completion - Paradox Executive Daily No Costs**

Report for: 3/20/2014

Report #: 14

**Well Name: Cane Creek 8-1**

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00

**Perforation Statuses**

Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Status
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Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
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**Perforation Statuses**

Date 2/18/2008	Top Depth (ftKB) 7,580.0	Bottom Depth (ftKB) 7,655.0	Status Open
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## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/21/2014

Report #: 15

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/21/2014 06:00	Report End Date 3/22/2014 06:00
Operations at Report Time Monitor well	
Operations Summary Monitor well, SD	
Operations Next Report Period	

Weather Sunny and Clear	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	6.00	6.00	WTST	Monitor well SITP- 0# SICP- 360# SD Release MVCI crew.		
12:00	1.00	7.00	SDFN	Secure Well / SD / Travel		
13:00	17.00	24.00	SDFN	SD WOO		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A... pH)	Filter Size (in)	Description

## Fluid Additives

Additive	Amount	Units	Concentration (%)

## Stim/Treat Stages

Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bbi)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)	Tubing Pressure Start (psi)	Casing Pressure Start (psi)	Bottom Hole Pressure Start (psi)				
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)	Pressure Tubing End (psi)	Casing Pressure End (psi)	Pressure BH End (psi)				

## Stim/Treat Additives

Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)

## Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Wellbore	Zone	Shot...	Ente...	String Perforated
7/15/2013	Perforated	5,804.0	5,818.0	Re-Entry #3	Clastic #12, Re-Entry #3			



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/21/2014

Report #: 15

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type	
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00	
<b>Perforation Statuses</b>						
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status	
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot... Ente... String Perforated
<b>Perforation Statuses</b>						
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open	



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/30/2014

Report #: 16

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00
Operator Fidelity E&P	Completions Start Date 2/15/2008	Completions Finished Date 7/14/2008	Well Status SI		
Job Category Completion	Job Typ Re-entry3	Job SubTyp	Planned Start Date 3/7/2014	Start Date 3/7/2014	End Date
Rig	Company Man/Well Site Lead	Rig Email Address	Rig Phone Number	Rig Release Previous Well	Rig Release Date

## Daily Operations

Report Start Date 3/30/2014 06:00	Report End Date 3/31/2014 06:00
Operations at Report Time Swab	
Operations Summary Swab	
Operations Next Report Period	

Weather High winds	Wellbore Re-Entry #3
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## Daily Contacts

Job Contact Paul Nicholas	Position	Office (307) 321-0544
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## Time Log

Start Time	Dur (hr)	Cum Dur (hr)	Code 1	Comment	Start Depth (ftKB)	End Depth (ftKB)
06:00	1.00	1.00	SDFN	SD		
07:00	1.00	2.00	GOP	Crew travel.		
08:00	2.00	4.00	GOP	Hold safety meeting and discuss job. PU the rig at the La Sal 29-28H and road to location.		
10:00	1.50	5.50	SRIGUP	SITP- 0# SICP- 320# MIRU the Monument rig #21 PU swab lubricator.		
11:30	1.50	7.00	SWAB	Swab: Make 1 swab run. Tagged no fluid. Pulled from the SN @ 4580'. No fluid recovery. SI well and secure. Unable to RD do to high winds.		
13:00	1.00	8.00	SDFN	Secure Well / SDFN / Travel		
14:00	16.00	24.00	SDFN	SDFN		

## Casing &amp; Liners

Run Date	Csg Des	Set Depth (ftKB)	Top (ftKB)	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	OD Nom Max (in)	ID Nom Min (in)	Prop Run?
11/8/2007	Surface			13 3/8		54.50	H40	13 3/8		
8/10/2007	Conductor									
11/23/2007	Intermediate	4,108.7	0.0	9 5/8		40.00	HCL-80	9 5/8		
12/18/2007	Production	7,720.2	0.0	7	6.184	29.00	HCL-80	7	6.184	
2/18/2014	Production	9,554.0	4,701.9	4 1/2	3.920	13.50	P-110	4 1/2	3.826	No

## Rods

Rod Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Tubing

Tubing Description	Run Date	Pull Date	Set Depth (ftKB)	Weight/Length (lb/ft)	String Grade	String Length (ft)	Top Depth (ftKB)

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts

## Stimulations &amp; Treatments

Date	Type	String	Wellbore	Stim/Treat Company	StimTreat Supervisor

## Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (°A...)	pH	Filter Size (in)	Description

## Fluid Additives

Additive	Amount	Units	Concentration (%)



## Daily Completion - Paradox Executive Daily No Costs

Report for: 3/30/2014

Report #: 16

## Well Name: Cane Creek 8-1

API/UWI 43-019-31449	Excaliber ID 74*23557	Well Area Paradox	Basin	Regulatory Field Name Cane Creek	Well Configuration Type			
County Grand	State/Province UT	Graded Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date 10/22/2007 00:00	Rig Release Date 12/20/2007 17:00			
<b>Stim/Treat Stages</b>								
Stage Type	Stg #	Start Date	End Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pu...	Vol Slurry (bb)
Initial Fluid Rate (gpm)	Initial Rate Bottom Hole (gpm)		Tubing Pressure Start (psi)		Casing Pressure Start (psi)		Bottom Hole Pressure Start (psi)	
Final Fluid Rate (gpm)	Final Rate Bottom Hole (gpm)		Pressure Tubing End (psi)		Casing Pressure End (psi)		Pressure BH End (psi)	
<b>Stim/Treat Additives</b>								
Additive	Type	Amount	Units	Sand Size	Conc (lb/gal)	Conc BH (lb/gal)		
<b>Perforations</b>								
Date 7/15/2013	Type Perforated	Top (ftKB) 5,804.0	Btm (ftKB) 5,818.0	Wellbore Re-Entry #3	Zone Clastic #12, Re-Entry #3	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date	Top Depth (ftKB)		Bottom Depth (ftKB)		Status			
Date 1/1/2008	Type Perforation	Top (ftKB) 7,580.0	Btm (ftKB) 7,655.0	Wellbore Re-Entry #3	Zone Cane Creek, <idrecwellbore>	Shot...	Ente...	String Perforated
<b>Perforation Statuses</b>								
Date 2/18/2008	Top Depth (ftKB) 7,580.0		Bottom Depth (ftKB) 7,655.0		Status Open			

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-68122	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> CANE CREEK	
<b>8. WELL NAME and NUMBER:</b> CANE CREEK 8-1	
<b>9. API NUMBER:</b> 43019314490000	
<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED	
<b>1. TYPE OF WELL</b> Oil Well	
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	
<b>3. ADDRESS OF OPERATOR:</b> 1700 Lincoln Street Ste 2800 , Denver, CO, 80203	
<b>PHONE NUMBER:</b> 720 931-6459 Ext	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2563 FNL 1429 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 26.0S Range: 20.0E Meridian: S	
<b>COUNTY:</b> GRAND	
<b>STATE:</b> UTAH	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/5/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

There was no work done on this well in the month of April

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 May 06, 2014

<b>NAME (PLEASE PRINT)</b> Joy Gardner	<b>PHONE NUMBER</b> 720 956-5763	<b>TITLE</b> Sr. Engineering Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/6/2014	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
 b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU68122

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME  
Cane Creek

8. WELL NAME and NUMBER:  
Cane Creek Unit 8-1

9. API NUMBER:  
4301931449

2. NAME OF OPERATOR:  
Fidelity Exploration and Production Company

3. ADDRESS OF OPERATOR: 1700 Lincoln St CITY Denver STATE CO ZIP 80203 PHONE NUMBER: (303) 893-3133

10 FIELD AND POOL, OR WILD CAT  
Undesignated

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 2563 FNL 1429 FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH: 2370 FNL 1310 FWL

The last rig report was from 3/30/2014 and the well was still being tested with little result. No work done in April 2014.

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SEW 8 26S 20E

12. COUNTY Grand 13. STATE UTAH

14. DATE SPUNDED: 8/10/2007 15. DATE T.D. REACHED: 4/7/2008 16. DATE COMPLETED: 7/23/2013  
 ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
6000 GL

18. TOTAL DEPTH: MD 5,780 TVD \_\_\_\_\_ 19. PLUG BACK T.D.: MD TVD \_\_\_\_\_  
 20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
 Drilling report shows bottom-hole location as 0465 FSL 0921 FEL, 5-26S-20E.

23. WAS WELL CORED? NO  YES  (Submit analysis)  
 WAS DST RUN? NO  YES  (Submit report)  
 DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/L)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT-TOP **	AMOUNT PULLED
24	20 H40	48	0	38		3	167	0	
17.5	13.3 H40	40	0	1,554		450		0	
12.25	9.625 H40	54	0	4,088		7,000			
8.75	7 HCR	26	0	6,007		1,550	181	2670	
8.75	7 HCR	29	6,007	7,715		900	16	5768	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Clastic 18/19	6,915	6,970		
(B) Clastic 12	5,806	5,834		
(C) Clastic 10	5,599	5,658		
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,604 5,614	.4	130	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
5,804 5,818	.4	70	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
6,920 6,927	.4	35	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
6,942 6,959	.4	35	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES  NO  IF YES - DATE FRACTURED: \_\_\_\_\_

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS  GEOLOGIC REPORT  DST REPORT  DIRECTIONAL SURVEY  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  CORE ANALYSIS  OTHER: \_\_\_\_\_

30. WELL STATUS:  
**SI**

**31. INITIAL PRODUCTION**

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):  
 Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Clastic 18/19	6,915	6,970	anhy/black shale/dolomite/siltstone	Chinle	561
Clastic 12	5,806	5,834	anhy/black shale/dolomite/siltstone	Culler	1,330
Clastic 10	5,599	5,658	anhy/black shale/dolomite/siltstone	Paradox	3,611
				Cane Creek	7,571

35. ADDITIONAL REMARKS (include plugging procedure)

Cmt w 50 sxs Class G @ 6980. Set packer at 5780. Perf 5604 - 5614 & 5634-5650.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Joy Gardner TITLE Sr. Engineering Tech  
 SIGNATURE Joy Gardner DATE 3/4/2014

- This report must be submitted within 30 days of
- completing or plugging a new well
  - drilling horizontal laterals from an existing well bore
  - recompleting to a different producing formation
  - reentering a previously plugged and abandoned well
  - significantly deepening an existing well bore below the previous bottom-hole depth
  - drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.  
 \*\* ITEM 24: Cement Top-- Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801  
 Phone: 801-538-5340  
 Fax: 801-359-3940

# PathFinder – a Schlumberger company Survey Report

FIDELITY EXPLORATION & PRODUCTION  
CANE CREEK UNIT #8-1H3 ST1  
COUNTY,  
API#: 43-019-31449  
PathFinder Office Supervisor:  
PathFinder Field Engineers:

Survey Horiz. Reference:WELLHEAD  
Ref Coordinates: LAT:38.33.21.5640 N LON:109.44.24.4320 W  
GRID Reference:NAD27 utah central Lambert  
Ref GRID Coord: X: 2503334.2579 Y: 86054.7232  
North Aligned To:TRUE NORTH  
Total Magnetic Correction:10.63° EAST TO TRUE  
Vertical Section Plane: 45.85  
Survey Vert. Reference: 0.00' Kelly Bushing To MSL

Survey Calculations by RX5 V6.05 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
THE FOLLOWING ARE GYRO DATA GYRO SURVEYS.										
96.00	3.08	5.91	95.95	100.00	2.06	2.67 N	0.28 E	2.69@	5.97	0.00
196.00	3.09	1.31	195.81	100.00	6.04	8.04 N	0.62 E	8.06@	4.40	0.25
296.00	3.13	2.01	295.66	100.00	9.93	13.46 N	0.78 E	13.49@	3.30	0.06
396.00	3.05	359.59	395.51	100.00	13.74	18.85 N	0.85 E	18.87@	2.59	0.15
496.00	3.01	356.52	495.37	100.00	17.29	24.13 N	0.67 E	24.14@	1.60	0.17
596.00	3.07	356.62	595.23	100.00	20.75	29.43 N	0.36 E	29.43@	0.69	0.06
696.00	3.14	357.12	695.09	100.00	24.31	34.84 N	0.06 E	34.84@	0.10	0.08
796.00	2.85	358.38	794.95	100.00	27.80	40.06 N	0.15 W	40.06@	359.79	0.30
896.00	2.88	358.83	894.82	100.00	31.19	45.05 N	0.27 W	45.05@	359.66	0.04
996.00	2.83	0.47	994.70	100.00	34.64	50.03 N	0.30 W	50.03@	359.66	0.10
1096.00	2.84	0.09	1094.58	100.00	38.10	54.98 N	0.28 W	54.98@	359.71	0.02
1196.00	2.91	358.47	1194.45	100.00	41.54	59.99 N	0.34 W	59.99@	359.68	0.11
1296.00	3.08	358.34	1294.31	100.00	45.08	65.22 N	0.48 W	65.22@	359.57	0.17
1396.00	3.34	356.54	1394.16	100.00	48.79	70.81 N	0.74 W	70.81@	359.40	0.28
1496.00	3.26	356.37	1493.99	100.00	52.54	76.56 N	1.09 W	76.56@	359.18	0.08
1596.00	3.34	356.30	1593.83	100.00	56.28	82.30 N	1.46 W	82.31@	358.98	0.08
1696.00	3.31	356.55	1693.66	100.00	60.05	88.09 N	1.82 W	88.11@	358.81	0.03
1796.00	1.29	2.99	1793.57	100.00	62.76	92.09 N	1.94 W	92.11@	358.79	2.03
1896.00	1.30	5.89	1893.55	100.00	64.45	94.35 N	1.76 W	94.36@	358.93	0.07
1996.00	1.30	7.62	1993.52	100.00	66.21	96.60 N	1.50 W	96.61@	359.11	0.04
2096.00	1.24	10.81	2093.50	100.00	67.99	98.79 N	1.14 W	98.79@	359.34	0.09
2196.00	1.23	12.90	2193.47	100.00	69.77	100.90 N	0.70 W	100.90@	359.60	0.05
2296.00	1.27	16.22	2293.45	100.00	71.64	103.01 N	0.15 W	103.01@	359.92	0.08
2396.00	1.16	16.68	2393.43	100.00	73.49	105.04 N	0.45 E	105.04@	0.24	0.11
2496.00	0.43	93.77	2493.42	100.00	74.62	105.99 N	1.11 E	105.99@	0.60	1.14

Sundry Number : 50714 API Well Number : 43019314490000

# PathFinder – a Schlumberger company

## Survey Report

FIDELITY EXPLORATION & PRODUCTION  
 CANE CREEK UNIT #8-1H3 ST1  
 COUNTY,  
 API#: 43-019-31449

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)	
				100.00	75.12	105.98 N	1.81 E	106.00@	0.98	0.08	
2596.00	0.37	86.43	2593.42	100.00	75.59	105.99 N	2.45 E	106.02@	1.33	0.04	
2696.00	0.37	92.20	2693.41	100.00	76.07	106.00 N	3.11 E	106.05@	1.68	0.05	
2796.00	0.38	85.30	2793.41	100.00	76.60	106.01 N	3.84 E	106.08@	2.07	0.09	
2896.00	0.46	92.29	2893.41	100.00							
				100.00	77.12	105.89 N	4.68 E	106.00@	2.53	0.11	
2996.00	0.52	103.21	2993.41	100.00	77.61	105.66 N	5.60 E	105.81@	3.03	0.05	
3096.00	0.56	105.40	3093.40	100.00	78.13	105.42 N	6.55 E	105.62@	3.56	0.02	
3196.00	0.57	103.07	3193.40	100.00	78.66	105.14 N	7.57 E	105.41@	4.12	0.08	
3296.00	0.64	107.46	3293.39	100.00							
				100.00	79.24	104.90 N	8.60 E	105.25@	4.69	0.11	
3396.00	0.58	98.58	3393.38	100.00	79.81	104.63 N	9.66 E	105.08@	5.28	0.15	
3496.00	0.68	108.66	3493.38	100.00	80.05	104.02 N	10.58 E	104.56@	5.81	0.36	
3596.00	0.63	139.87	3593.37	100.00	79.73	102.98 N	11.14 E	103.58@	6.18	0.28	
3696.00	0.75	161.30	3693.37	100.00							
				100.00	78.99	101.66 N	11.39 E	102.30@	6.40	0.21	
3796.00	0.80	176.69	3793.36	100.00	78.05	100.79 N	10.93 E	101.38@	6.19	0.86	
3896.00	0.61	250.85	3893.35	100.00	76.87	100.31 N	9.76 E	100.78@	5.56	0.25	
3996.00	0.85	245.28	3993.34	100.00	75.52	99.51 N	8.66 E	99.88@	4.97	0.35	
4096.00	0.74	220.96	4093.33	100.00							
				100.00	74.76	98.78 N	8.30 E	99.12@	4.80	0.62	
4196.00	0.29	165.67	4193.33	100.00	75.10	98.46 N	9.08 E	98.88@	5.27	0.78	
4296.00	0.83	95.46	4293.33	100.00	77.19	99.01 N	11.47 E	99.67@	6.61	1.34	
4396.00	2.04	69.78	4393.29	100.00	80.89	100.36 N	15.32 E	101.52@	8.68	0.59	
4496.00	2.63	71.32	4493.21	100.00							
				100.00	81.47	101.75 N	14.77 E	102.81@	8.26	5.61	
4596.00	3.21	283.53	4593.16	100.00	82.76	103.59 N	14.78 E	104.64@	8.12	6.29	
4696.00	3.42	66.68	4693.09	100.00	88.87	106.05 N	20.91 E	108.09@	11.15	0.75	
4796.00	4.15	69.32	4792.87	100.00	95.32	108.57 N	27.45 E	111.99@	14.19	0.27	
4896.00	3.89	68.42	4892.63	100.00							
**	TIED INTO GYRODATA GYRO SURVEY AT 4996'MD.										
4996.00	4.15	66.86	4992.38	100.00	101.83	111.24 N	33.93 E	116.30@	16.96	0.28	
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.											
5073.00	8.79	62.56	5068.87	77.00	110.07	115.05 N	41.72 E	122.38@	19.93	6.05	

# PathFinder – a Schlumberger company

## Survey Report

FIDELITY EXPLORATION & PRODUCTION  
 CANE CREEK UNIT #8-1H3 ST1  
 COUNTY,  
 API#: 43-019-31449

Page 03/05

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
5105.00	11.26	68.88	5100.38	32.00	115.29	117.30 N	46.80 E	126.29@	21.75	8.44
5136.00	15.65	71.74	5130.52	31.00	121.84	119.70 N	53.60 E	131.16@	24.12	14.32
5168.00	19.35	70.34	5161.03	32.00	130.55	122.84 N	62.69 E	137.91@	27.04	11.64
5199.00	22.86	67.39	5189.95	31.00	140.83	126.88 N	73.09 E	146.43@	29.94	11.83
5231.00	25.59	59.05	5219.14	32.00	153.34	132.83 N	84.76 E	157.57@	32.54	13.66
5263.00	27.52	54.13	5247.77	32.00	167.39	140.72 N	96.68 E	170.73@	34.49	9.14
5294.00	30.42	56.56	5274.89	31.00	182.19	149.24 N	109.04 E	184.83@	36.15	10.09
5326.00	33.77	56.12	5301.99	32.00	198.91	158.67 N	123.19 E	200.87@	37.83	10.49
5357.00	35.44	56.66	5327.51	31.00	216.21	168.41 N	137.85 E	217.63@	39.30	5.48
5389.00	37.02	57.38	5353.32	32.00	234.77	178.70 N	153.72 E	235.72@	40.70	5.11
5420.00	40.10	58.61	5377.56	31.00	253.65	188.94 N	170.10 E	254.23@	42.00	10.24
5452.00	43.09	58.67	5401.48	32.00	274.37	199.99 N	188.24 E	274.65@	43.27	9.34
5484.00	45.81	59.74	5424.33	32.00	296.17	211.46 N	207.49 E	296.26@	44.46	8.82
5515.00	48.63	59.89	5445.38	31.00	318.25	222.90 N	227.16 E	318.25@	45.54	9.10
5547.00	49.68	58.90	5466.31	32.00	341.78	235.22 N	247.99 E	341.80@	46.51	4.03
5579.00	51.09	57.68	5486.71	32.00	365.85	248.18 N	268.96 E	365.97@	47.30	5.30
5610.00	53.38	55.19	5505.70	31.00	389.94	261.73 N	289.37 E	390.18@	47.87	9.74
5642.00	55.05	53.34	5524.41	32.00	415.61	276.90 N	310.44 E	415.98@	48.27	7.02
5674.00	56.10	52.94	5542.50	32.00	441.80	292.73 N	331.56 E	442.29@	48.56	3.44
5705.00	59.71	47.50	5558.98	31.00	467.96	309.54 N	351.71 E	468.52@	48.65	18.88
5737.00	64.19	45.91	5574.02	32.00	496.19	328.91 N	372.25 E	496.74@	48.54	14.67
5768.00	67.80	45.21	5586.63	31.00	524.51	348.73 N	392.47 E	525.02@	48.38	11.83
5799.00	70.61	45.14	5597.64	31.00	553.48	369.16 N	413.02 E	553.95@	48.21	9.07
5831.00	74.04	42.74	5607.35	32.00	583.95	391.11 N	434.17 E	584.35@	47.99	12.88
5862.00	75.53	42.96	5615.49	31.00	613.82	413.04 N	454.51 E	614.15@	47.74	4.85
5894.00	77.29	42.28	5623.01	32.00	644.87	435.93 N	475.57 E	645.14@	47.49	5.87
5925.00	78.35	41.93	5629.55	31.00	675.11	458.41 N	495.89 E	675.31@	47.25	3.59
6010.00	82.57	42.41	5643.63	85.00	758.74	520.52 N	552.15 E	758.82@	46.69	5.00

Sundry Number : 50714 API Well Number : 43019314490000

# PathFinder – a Schlumberger company

## Survey Report

FIDELITY EXPLORATION & PRODUCTION  
 CANE CREEK UNIT #8-1H3 ST1  
 COUNTY,  
 API#: 43-019-31449

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
6108.00	82.57	41.95	5656.30	98.00	855.72	592.54 N	617.40 E	855.73@	46.18	0.47
6202.00	84.33	41.97	5667.03	94.00	948.89	661.98 N	679.84 E	948.89@	45.76	1.87
6298.00	86.00	43.16	5675.12	96.00	1044.38	732.43 N	744.54 E	1044.41@	45.47	2.13
6393.00	80.02	41.01	5686.67	95.00	1138.43	802.36 N	807.71 E	1138.50@	45.19	6.68
6488.00	81.25	42.06	5702.13	95.00	1231.89	872.52 N	869.87 E	1232.06@	44.91	1.69
6583.00	84.15	42.30	5714.20	95.00	1325.92	942.34 N	933.13 E	1326.18@	44.72	3.06
6677.00	86.35	43.06	5721.99	94.00	1419.45	1011.20 N	996.63 E	1419.79@	44.58	2.47
6772.00	89.52	43.89	5725.41	95.00	1514.29	1080.09 N	1061.94 E	1514.70@	44.51	3.45
6867.00	91.45	43.06	5724.61	95.00	1609.20	1149.02 N	1127.30 E	1609.68@	44.45	2.21
6962.00	88.46	38.81	5724.68	95.00	1703.82	1220.77 N	1189.52 E	1704.48@	44.26	5.47
7057.00	90.92	39.73	5725.19	95.00	1798.18	1294.30 N	1249.65 E	1799.13@	43.99	2.76
7152.00	89.87	41.11	5724.54	95.00	1892.75	1366.62 N	1311.24 E	1893.94@	43.82	1.82
7246.00	83.98	40.08	5729.58	94.00	1986.18	1437.86 N	1372.30 E	1987.63@	43.66	6.36
7341.00	85.56	40.94	5738.24	95.00	2080.37	1509.79 N	1433.75 E	2082.09@	43.52	1.89
7436.00	88.72	43.06	5742.98	95.00	2175.02	1580.28 N	1497.23 E	2176.92@	43.45	4.00
7531.00	86.97	42.92	5746.55	95.00	2269.83	1649.72 N	1561.96 E	2271.85@	43.43	1.85
7626.00	88.02	43.67	5750.70	95.00	2364.64	1718.80 N	1627.04 E	2366.75@	43.43	1.36
7721.00	87.85	45.11	5754.13	95.00	2459.55	1786.64 N	1693.45 E	2461.68@	43.47	1.52
7816.00	87.23	45.78	5758.20	95.00	2554.46	1853.23 N	1761.08 E	2556.53@	43.54	0.96
7910.00	88.37	46.79	5761.81	94.00	2648.38	1918.14 N	1828.97 E	2650.36@	43.64	1.62
8005.00	84.50	45.27	5767.72	95.00	2743.18	1983.95 N	1897.20 E	2745.07@	43.72	4.37
8100.00	86.79	47.06	5774.93	95.00	2837.89	2049.55 N	1965.52 E	2839.71@	43.80	3.06
8194.00	88.02	46.47	5779.19	94.00	2931.78	2113.87 N	2033.93 E	2933.49@	43.90	1.45
8289.00	81.78	46.55	5787.63	95.00	3026.35	2178.96 N	2102.55 E	3027.97@	43.98	6.57
8353.00	78.88	45.53	5798.38	64.00	3089.43	2222.75 N	2147.96 E	3091.01@	44.02	4.80
8416.00	80.46	45.03	5809.68	63.00	3151.41	2266.36 N	2192.00 E	3152.97@	44.04	2.63
8479.00	82.57	45.34	5818.97	63.00	3213.71	2310.27 N	2236.20 E	3215.27@	44.07	3.38
8542.00	84.42	46.26	5826.11	63.00	3276.30	2353.91 N	2281.07 E	3277.83@	44.10	3.28

# PathFinder – a Schlumberger company

## Survey Report

FIDELITY EXPLORATION & PRODUCTION  
 CANE CREEK UNIT #8-1H3 ST1  
 COUNTY,  
 API#: 43-019-31449

Page 05/05

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist (ft)	Dir (deg)	
8606.00	84.50	46.02	5832.29	64.00	3340.00	2398.05 N	2327.00 E	3341.49@	44.14	0.39
8669.00	84.50	45.22	5838.33	63.00	3402.71	2441.91 N	2371.82 E	3404.18@	44.17	1.26
8732.00	84.24	45.00	5844.51	63.00	3465.40	2486.16 N	2416.24 E	3466.87@	44.18	0.54
8795.00	85.21	47.09	5850.30	63.00	3528.13	2529.70 N	2461.40 E	3529.56@	44.22	3.64
8859.00	85.12	46.92	5855.69	64.00	3591.89	2573.18 N	2508.04 E	3593.26@	44.27	0.30
8922.00	85.56	47.04	5860.81	63.00	3654.67	2616.02 N	2553.95 E	3655.98@	44.31	0.72
8985.00	83.80	49.91	5866.65	63.00	3717.32	2657.60 N	2600.90 E	3718.54@	44.38	5.33
9049.00	82.83	49.89	5874.10	64.00	3780.73	2698.55 N	2649.52 E	3781.82@	44.47	1.52
9112.00	81.51	49.39	5882.69	63.00	3843.00	2738.96 N	2697.08 E	3843.98@	44.56	2.24
9175.00	81.07	49.65	5892.23	63.00	3905.15	2779.39 N	2744.45 E	3906.02@	44.64	0.81
9238.00	81.34	48.05	5901.86	63.00	3967.32	2820.36 N	2791.33 E	3968.11@	44.70	2.55
9302.00	80.81	49.04	5911.79	64.00	4030.47	2862.21 N	2838.71 E	4031.20@	44.76	1.74
9365.00	81.87	49.07	5921.27	63.00	4092.66	2903.03 N	2885.75 E	4093.31@	44.83	1.68
9428.00	79.58	47.15	5931.43	63.00	4154.78	2944.54 N	2932.04 E	4155.37@	44.88	4.72
9491.00	78.88	47.92	5943.20	63.00	4216.64	2986.32 N	2977.69 E	4217.20@	44.92	1.64
STRAIGHT LINE PROJECTION TO BIT DEPTH AT 9554'MD.										
9554.00	78.88	47.92	5955.35	63.00	4278.42	3027.75 N	3023.57 E	4278.93@	44.96	0.00

\*\* The survey data at tie-in point was furnished by a recognized survey company and entered as submitted. Survey stations above the tie-in point represent recalculated data by PathFinder – a Schlumberger company and may reflect minor changes due to rounding differences between survey programs. Only survey stations taken by qualified PathFinder personnel are subject to certification.

Sundry Number : 50714 API Well Number : 43019314490000

Division of Oil, Gas and Mining  
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 3/1/2016

<b>FORMER OPERATOR:</b> Fidelity E&P Company N3155 1801 Californina Street, Suite 2500 Denver, CO 80202	<b>NEW OPERATOR:</b> Wesco Operating, Inc. N4030 PO Box 1650 Casper, WY 82602
<b>CA Number(s):</b>	<b>Unit(s):</b> Cane Creek Threemile

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 4/12/2016
- Sundry or legal documentation was received from the **NEW** operator on: 4/12/2016
- New operator Division of Corporations Business Number: 8742016-0143

**REVIEW:**

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 4/12/2016
- Receipt of Acceptance of Drilling Procedures for APD on: 4/12/2016
- Reports current for Production/Disposition & Sundries: 4/19/2016
- OPS/SI/TA well(s) reviewed for full cost bonding: 4/19/2016
- UIC5 on all disposal/injection/storage well(s) approved on: 4/13/2016
- Surface Facility(s) included in operator change: Blue Hills Gas Plant  
Dead House Lateral Pipeline  
Dubinky Booster Station  
Long Canyon Facility
- Inspections of PA state/fee well sites complete on (only upon operators request): N/A

**NEW OPERATOR BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB0000685
- Indian well(s) covered by Bond Number: N/A
- State/fee well(s) covered by Bond Number(s): RLB0016443

**DATA ENTRY:**

- Well(s) update in the **OGIS** on: 4/21/2016 ✓
- Entity Number(s) updated in **OGIS** on: 4/21/2016
- Unit(s) operator number update in **OGIS** on: 4/21/2016
- Surface Facilities update in **OGIS** on: 4/21/2016
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 4/21/2016
- Surface Facilities update in **RBDMS** on: 4/21/2016

**LEASE INTEREST OWNER NOTIFICATION:**

- The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

From: Fidelity Exploration Production Company N3155

To: Wesco Operating, Inc. N4030

Effective: 3/1/2016

Well Name	Section	TWN	RNG	API Numner	Entity	Mineral	Surface	Type	Status	Unit
KANE SPRINGS 16-1	16	250S	180E	4301931341	11484	State	State	WD	A	CANE CREEK
CANE CREEK UNIT 2-2-25-18	2	250S	180E	4301950044		State	State	OW	APD	CANE CREEK
Cane Creek Unit 25-1-25-19	25	250S	190E	4301950048		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 6-1-25-19	6	250S	190E	4301950052		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 29-1-25-19	29	250S	190E	4301950053		Federal	Federal	OW	APD	CANE CREEK
Cane Creek 10-1-25-19	10	250S	190E	4301950054		Federal	Federal	OW	APD	
Cane Creek Unit 30-1-25-19	30	250S	190E	4301950055		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 19-2-26-20	19	260S	200E	4301950056		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 14-1-25-19	14	250S	190E	4301950057		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 2-3-25-18	2	250S	180E	4301950058		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 16-3-25-18	16	250S	180E	4301950059		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 19-1-25-19	19	250S	190E	4301950060		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 32-2-25-19	32	250S	190E	4301950061		State	State	OW	APD	CANE CREEK
Cane Creek Unit 17-1-25-19	17	250S	190E	4301950062		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 16-4-25-18	16	250S	180E	4301950063		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 2-4-25-18	2	250S	180E	4301950064		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 5-1-25-18	5	250S	180E	4301950065		Federal	Federal	OW	APD	CANE CREEK
8-2-26-20	8	260S	200E	4301950068		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 19-3-26-20	19	260S	200E	4301950069		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 21-1-25-19	21	250S	190E	4301950070		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 12-2-26-19	12	260S	190E	4301950071		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 26-4-25-19	26	250S	190E	4301950072		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 21-1-25-18	21	250S	180E	4301950073		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 9-1-25-18	9	250S	180E	4301950074		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 7-1-25-19	7	250S	190E	4301950075		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 5-2-25-18	5	250S	180E	4301950076		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 7-1-25-18	7	250S	180E	4301950077		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 13-1-25-18	13	250S	180E	4301950078		Federal	Federal	OW	APD	CANE CREEK
Three Mile Unti 12-3-29-21	12	290S	210E	4303750070		Federal	Federal	OW	APD	THREEMILE
Three Mile Unit 16-2-29-22	16	290S	220E	4303750071		Federal	State	OW	APD	THREEMILE
Cane Creek Unit 7-2-26-20	7	260S	200E	4301950051	19706	Federal	Federal	OW	OPS	CANE CREEK
THREEMILE 16-17	16	290S	220E	4303750003	17984	State	State	OW	OPS	THREEMILE
Three Mile Unit 12-2-29-21	12	290S	210E	4303750069	19646	Federal	Federal	OW	OPS	THREEMILE
KANE SPRINGS FED 27-1	27	250S	190E	4301931310	14505	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 19-1A	19	260S	200E	4301931324	14505	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 10-1	10	250S	180E	4301931331	14509	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 25-19-34-1	34	250S	190E	4301931334	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK 2-1	2	260S	190E	4301931396	14505	State	State	OW	P	CANE CREEK
CANE CREEK UNIT 12-1	12	260S	190E	4301950009	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 7-1	7	260S	200E	4301950010	18923	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT# 26-2	26	250S	190E	4301950011	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT #18-1	18	260S	200E	4301950012	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK U #13-1	13	260S	190E	4301950014	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 26-3	26	250S	190E	4301950019	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 28-2	28	250S	190E	4301950020	18681	Federal	Federal	OW	P	
Cane Creek Unit 17-1	17	260S	200E	4301950028	18980	Federal	Federal	OW	P	CANE CREEK
Cane Creek Unit 36-1	36	250S	190E	4301950030	14505	State	State	OW	P	CANE CREEK
Cane Creek Unit 36-2H	36	250S	190E	4301950033	14505	State	State	OW	P	CANE CREEK
Cane Creek Unit 24-2H	24	260S	190E	4301950034	19342	Federal	Federal	OW	P	CANE CREEK
Cane Creek Unit 36-3H	36	250S	190E	4301950035	19528	State	State	OW	P	CANE CREEK
CANE CREEK UNIT 2-1-25-18	2	250S	180E	4301950036	19343	Federal	State	OW	P	CANE CREEK
Cane Creek Unit 32-1-25-19	32	250S	190E	4301950037	19396	State	State	OW	P	
Cane Creek Unit 28-3	28	250S	190E	4301950045	19767	Federal	Federal	OW	P	CANE CREEK
Cane Creek 32-1-25-20	32	250S	200E	4301950049	19588	State	State	OW	P	
HATCH POINT 1	14	290S	210E	4303731658	11356	Federal	Federal	OW	P	
THREEMILE 43-18H	18	290S	220E	4303731857	17276	Federal	Federal	OW	P	
LONG CANYON 1	9	260S	200E	4301915925	674	Federal	Federal	OW	S	
CANE CREEK 1-1	1	260S	190E	4301931446	14505	Federal	Federal	OW	S	CANE CREEK

From: Fidelity Exploration Production Company N3155

To: Wesco Operating, Inc. N4030

Effective: 3/1/2016

CANE CREEK 24-1	24	260S	190E	4301931447	14505	Federal	Federal	OW	S	CANE CREEK
CANE CREEK 8-1	8	260S	200E	4301931449	16464	Federal	Federal	OW	S	CANE CREEK
Cane Creek Unit 18-2	18	260S	200E	4301950027	14505	Federal	Federal	OW	S	CANE CREEK
Cane Creek Unit 17-2	17	260S	200E	4301950032	14505	Federal	Federal	OW	S	CANE CREEK
Cane Creek 36-1-25-18	36	250S	180E	4301950038	19440	State	State	OW	S	
CHEVRON FED 1	24	290S	230E	4303730005	975	Federal	Federal	OW	S	
Threemile 12-7	12	290S	210E	4303750001	17837	Federal	Federal	OW	S	THREEMILE
LA SAL 29-28	29	290S	230E	4303750002	17920	Federal	Federal	OW	S	
CANE CREEK UNIT 16-2-25-18	16	250S	180E	4301950046	19512	State	State	OW	TA	CANE CREEK

# WESCO OPERATING, INC.

O I L & G A S O P E R A T I O N S

April 8, 2016

John Rogers  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210 Box 145801  
Salt Lake City, Utah 84114

RECEIVED  
APR 12 2016  
DIV. OF OIL, GAS & MINING

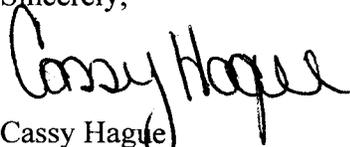
RE: Change of Operator

- A) Wells
  - B) APD'S
  - C) Dubinky Booster Station
  - D) Blue Hills Gas Plant
  - E) Dead Horse Lateral Pipeline
  - F) Authority to Inject
- Sundry Notices

Dear John Rodgers,

Please find enclosed the following documents from Fidelity Exploration & Production Company to Wesco Operating, Inc for your further handing. If you have any further questions please contact us..

Sincerely,



Cassy Hague  
307-577-5337

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See Attached Exhibit</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>See Attached Exhibit</b>
		7. UNIT or CA AGREEMENT NAME: <b>See Attached Exhibit</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>See Attached Exhibit</b>	
2. NAME OF OPERATOR: <b>Fidelity Exploration &amp; Production Company</b>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1801 California St., STE 250 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: <b>(303) 893-3133</b>	10. FIELD AND POOL, OR WILDCAT: <b>See Attached Exhibit</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>See attached exhibit for all wells and details</b>		COUNTY: <b>Grand</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		STATE: <b>UTAH</b>

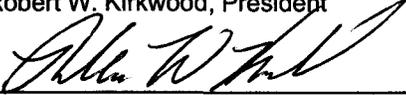
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>3/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

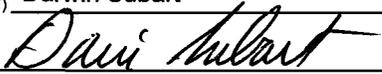
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the wells listed on the attached exhibit and Wesco Operating, Inc. has been designated as successor Operator.

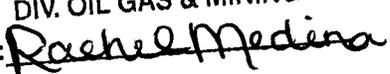
Wesco Operating, Inc.  
P.O. Box 1650  
Casper, Wyoming 82602  
Phone 307-265-5178

Fidelity Exploration & Production Company  
1801 California Street, Suite 2500  
Denver, Colorado 80202  
Phone 303-893-3133

Wesco Operating, Inc.  
Robert W. Kirkwood, President  
  
Signature

NAME (PLEASE PRINT) <u>Darwin Subart</u>	TITLE <u>Chief Financial Officer</u>
SIGNATURE 	DATE <u>4/4/2016</u>

(This space for State use only) **BLM:**

**APPROVED**  
**APR 21 2016**  
DIV. OIL GAS & MINING  
BY: 

**Fidelity Exploration & Production Company Paradox Well & APD List**

<u>Entity #</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>AKA Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
14506	4301931310	KANE SPRINGS FED 27-1	KANE SPRINGS FED 27-1-25-19	25S	19E	27	GRAND	UT	Federal	Federal	OW	P ✓
14505	4301931324	KANE SPRINGS FED 19-1A	KANE SPRINGS FED 19-1A-ST-26-20	26S	20E	19	GRAND	UT	Federal	Federal	OW	P ✓
14509	4301931331	KANE SPRINGS FED 10-1	KANE SPRINGS FED 10-1-25-18	25S	18E	10	GRAND	UT	Federal	Federal	OW	P ✓
14506	4301931334	KANE SPRINGS FED 25-19-34-1	KANE SPRINGS FED 25-19-34-1	25S	19E	34	GRAND	UT	Federal	Federal	OW	P ✓
	4301931341	KANE SPRINGS 16-1-25-18	Disposal Well	25S	18E	16	GRAND	UT	State	State	SWD	P ✓
14505	4301931396	CANE CREEK 2-1	CANE CREEK UNIT 2-1-26-19	26S	19E	2	GRAND	UT	State	State	OW	P ✓
14505	4301931446	CANE CREEK 1-1	CANE CREEK UNIT 1-1-26-19	26S	19E	1	GRAND	UT	Federal	Federal	OW	P ✓
14505	4301950009	CANE CREEK UNIT 12-1	CANE CREEK UNIT 12-1-26-19	26S	19E	12	GRAND	UT	Federal	Federal	OW	P ✓
18923	4301950010	CANE CREEK UNIT 7-1	CANE CREEK UNIT 7-1-26-20	26S	20E	7	GRAND	UT	Federal	Federal	OW	P ✓
14506	4301950011	CANE CREEK UNIT# 26-2	CANE CREEK UNIT 26-2-25-19	25S	19E	26	GRAND	UT	Federal	Federal	OW	P ✓
14505	4301950012	CANE CREEK UNIT #18-1	CANE CREEK UNIT 18-1-26-20	26S	20E	18	GRAND	UT	Federal	Federal	OW	P ✓
14505	4301950014	CANE CREEK U #13-1	CANE CREEK UNIT 13-1-26-19	26S	19E	13	GRAND	UT	Federal	Federal	OW	P ✓
14506	4301950019	CANE CREEK UNIT 26-3	CANE CREEK UNIT 26-3-25-19	25S	19E	26	GRAND	UT	Federal	Federal	OW	P ✓
18681	4301950020	CANE CREEK UNIT 28-2	CANE CREEK UNIT 28-2-25-19	25S	19E	28	GRAND	UT	Federal	Federal	OW	P ✓
14505	4301950027	Cane Creek Unit 18-2	CANE CREEK UNIT 18-2-26-20	26S	20E	18	GRAND	UT	Federal	Federal	OW	P ✓
18980	4301950028	Cane Creek Unit 17-1	CANE CREEK UNIT 17-1-26-20	26S	20E	17	GRAND	UT	Federal	Federal	OW	P ✓
19057	4301950030	Cane Creek Unit 36-1	CANE CREEK UNIT 36-1-25-19	25S	19E	36	GRAND	UT	State	State	OW	P ✓
14505	4301950032	Cane Creek Unit 17-2	CANE CREEK UNIT 17-2-26-20	26S	20E	17	GRAND	UT	Federal	Federal	OW	P ✓
19527	4301950033	Cane Creek Unit 36-2H	CANE CREEK UNIT 36-2H-25-19	25S	19E	36	GRAND	UT	State	State	OW	P ✓
19342	4301950034	Cane Creek Unit 24-2H	CANE CREEK UNIT 24-2-26-19	26S	19E	24	GRAND	UT	Federal	Federal	OW	P ✓
19528	4301950035	Cane Creek Unit 36-3H	CANE CREEK UNIT 36-3H-25-19	25S	19E	36	GRAND	UT	State	State	OW	P ✓
19396	4301950037	Cane Creek Unit 32-1-25-19	CANE CREEK UNIT 32-1-25-19	25S	19E	32	GRAND	UT	State	State	OW	P ✓
19767	4301950045	Cane Creek Unit 28-3	CANE CREEK UNIT 28-3-25-19	26S	19E	28	GRAND	UT	Federal	Federal	OW	P ✓
19588	4301950049	Cane Creek 32-1-25-20	CANE CREEK 32-1-25-20	25S	20E	32	GRAND	UT	State	State	OW	P ✓
11356	4303731658	HATCH POINT 1	HATCH POINT FEDERAL 1	29S	21E	14	SAN JUAN	UT	Federal	Federal	OW	P ✓ 26-P
17276	4303731857	THREEMILE 43-18H	THREEMILE UNIT 43-18H-29-22	29S	22E	18	SAN JUAN	UT	Federal	Federal	OW	P ✓
19706	4301950051	Cane Creek Unit 7-2-26-20	CANE CREEK UNIT 7-2-26-20	26S	20E	7	GRAND	UT	Federal	Federal	OW	OPS ✓
17984	4303750003	THREEMILE 16-17	THREEMILE UNIT 16-17-29-22	29S	22E	16	SAN JUAN	UT	State	State	OW	OPS ✓ 3 OPS
19646	4303750069	Three Mile Unit 12-2-29-21	THREE MILE UNIT 12-2-29-21	29S	21E	12	SAN JUAN	UT	Federal	Federal	OW	OPS ✓
19343	4301950036	CANE CREEK UNIT 2-1-25-18	CANE CREEK UNIT 2-1-25-18	25S	18E	2	GRAND	UT	Federal	State	OW	TA ✓ 2TA
19512	4301950046	CANE CREEK UNIT 16-2-25-18	CANE CREEK UNIT 16-2-25-18	25S	18E	16	GRAND	UT	State	State	OW	TA ✓
674	4301915925	LONG CANYON 1	LONG CANYON 1	26S	20E	9	GRAND	UT	Federal	Federal	OW	S ✓
14505	4301931447	CANE CREEK 24-1	CANE CREEK UNIT 24-1-26-19	26S	19E	24	GRAND	UT	Federal	Federal	OW	S ✓
16464	4301931449	CANE CREEK 8-1	CANE CREEK UNIT 8-1-26-20	26S	20E	8	GRAND	UT	Federal	Federal	OW	S ✓
19440	4301950038	Cane Creek 36-1-25-18	CANE CREEK 36-1-25-18	25S	18E	36	GRAND	UT	State	State	OW	S ✓
975	4303730005	CHEVRON FED 1	CHEVRON FEDERAL 1H	29S	23E	24	SAN JUAN	UT	Federal	Federal	OW	S ✓ 7-S
17837	4303750001	Threemile 12-7	THREEMILE UNIT 12-7-29-21	29S	21E	12	SAN JUAN	UT	Federal	Federal	OW	S ✓
17920	4303750002	LA SAL 29-28	LA SAL UNIT 29-28-29-23	29S	23E	29	SAN JUAN	UT	Federal	Federal	OW	S ✓
	4301950044	CANE CREEK UNIT 2-2-25-18		250S	180E	2	GRAND	UT	State	State	OW	APD ✓
	4301950048	Cane Creek Unit 25-1-25-19		250S	190E	25	GRAND	UT	Federal	Federal	OW	APD ✓
	4301950052	Cane Creek Unit 6-1-25-19		250S	190E	6	GRAND	UT	Federal	Federal	OW	APD ✓
	4301950053	Cane Creek Unit 29-1-25-19		250S	190E	29	GRAND	UT	Federal	Federal	OW	APD ✓ 2APD
	4301950054	Cane Creek 10-1-25-19		250S	190E	10	GRAND	UT	Federal	Federal	OW	APD ✓
	4301950055	Cane Creek Unit 30-1-25-19		250S	190E	30	GRAND	UT	Federal	Federal	OW	APD ✓
	4301950056	Cane Creek Unit 19-2-26-20		260S	200E	19	GRAND	UT	Federal	Federal	OW	APD ✓

<u>Entity #</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>AKA Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
4301950057		Cane Creek Unit 14-1-25-19		250S	190E	14	GRAND	UT	Federal	Federal	OW	APD ✓
4301950058		Cane Creek Unit 2-3-25-18		250S	180E	2	GRAND	UT	Federal	State	OW	APD ✓
4301950059		Cane Creek Unit 16-3-25-18		250S	180E	16	GRAND	UT	Federal	State	OW	APD ✓
4301950060		Cane Creek Unit 19-1-25-19		250S	190E	19	GRAND	UT	Federal	Federal	OW	APD ✓
4301950061		Cane Creek Unit 32-2-25-19		250S	190E	32	GRAND	UT	State	State	OW	APD ✓
4301950062		Cane Creek Unit 17-1-25-19		250S	190E	17	GRAND	UT	Federal	Federal	OW	APD ✓
4301950063		Cane Creek Unit 16-4-25-18		250S	180E	16	GRAND	UT	Federal	State	OW	APD ✓
4301950064		Cane Creek Unit 2-4-25-18		250S	180E	2	GRAND	UT	Federal	State	OW	APD ✓
4301950065		Cane Creek Unit 5-1-25-18		250S	180E	5	GRAND	UT	Federal	Federal	OW	APD ✓
4301950068		8-2-26-20		260S	200E	8	GRAND	UT	Federal	Federal	OW	APD ✓
4301950069		Cane Creek Unit 19-3-26-20		260S	200E	19	GRAND	UT	Federal	Federal	OW	APD ✓
4301950070		Cane Creek Unit 21-1-25-19		250S	190E	21	GRAND	UT	Federal	Federal	OW	APD ✓
4301950071		Cane Creek Unit 12-2-26-19		260S	190E	12	GRAND	UT	Federal	Federal	OW	APD ✓
4301950072		Cane Creek Unit 26-4-25-19		250S	190E	26	GRAND	UT	Federal	Federal	OW	APD ✓
4301950073		Cane Creek Unit 21-1-25-18		250S	180E	21	GRAND	UT	Federal	Federal	OW	APD ✓
4301950074		Cane Creek Unit 9-1-25-18		250S	180E	9	GRAND	UT	Federal	Federal	OW	APD ✓
4301950075		Cane Creek Unit 7-1-25-19		250S	190E	7	GRAND	UT	Federal	Federal	OW	APD ✓
4301950076		Cane Creek Unit 5-2-25-18		250S	180E	5	GRAND	UT	Federal	Federal	OW	APD ✓
4301950077		Cane Creek Unit 7-1-25-18		250S	180E	7	GRAND	UT	Federal	Federal	OW	APD ✓
4301950078		Cane Creek Unit 13-1-25-18		250S	180E	13	GRAND	UT	Federal	Federal	OW	APD ✓
4303750070		Three Mile Unti 12-3-29-21		290S	210E	12	SAN JUAN	UT	Federal	Federal	OW	APD ✓
4303750071		Three Mile Unit 16-2-29-22		290S	220E	16	SAN JUAN	UT	Federal	State	OW	APD ✓
4301950036		CANE CREEK UNIT 2-1-25-18H2		25S	18E	2	GRAND	UT	Federal	State	OW	APD ✓

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

<b>Well name:</b>	See attached well list
<b>API number:</b>	
<b>Location:</b>	Qtr-Qtr:                      Section:                      Township:                      Range:
<b>Company that filed original application:</b>	Fidelity Exploration & Production Company
<b>Date original permit was issued:</b>	
<b>Company that permit was issued to:</b>	Fidelity Exploration & Production Company

Check one	Desired Action:
<input type="checkbox"/>	<b>Transfer pending (unapproved) Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	<b>Transfer approved Application for Permit to Drill to new operator</b>
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____	<input type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Robert W. Kirkwood Title President  
 Signature *Robert W. Kirkwood* Date 4/4/10  
 Representing (company name) Wesco Operating, Inc.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

**Fidelity Exploration & Production Company Paradox APD List**

<u>Date Issued</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
3/4/2014	4301950044	CANE CREEK UNIT 2-2-25-18	250S	180E	2	GRAND	UT	State	State	OW	APD
2/19/2015	4301950048	Cane Creek Unit 25-1-25-19	250S	190E	25	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950052	Cane Creek Unit 6-1-25-19	250S	190E	6	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950053	Cane Creek Unit 29-1-25-19	250S	190E	29	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950054	Cane Creek 10-1-25-19	250S	190E	10	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950055	Cane Creek Unit 30-1-25-19	250S	190E	30	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950056	Cane Creek Unit 19-2-26-20	260S	200E	19	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950057	Cane Creek Unit 14-1-25-19	250S	190E	14	GRAND	UT	Federal	Federal	OW	APD
7/21/2014	4301950058	Cane Creek Unit 2-3-25-18	250S	180E	2	GRAND	UT	Federal	State	OW	APD
8/6/2014	4301950059	Cane Creek Unit 16-3-25-18	250S	180E	16	GRAND	UT	Federal	State	OW	APD
8/6/2014	4301950060	Cane Creek Unit 19-1-25-19	250S	190E	19	GRAND	UT	Federal	Federal	OW	APD
9/22/2014	4301950061	Cane Creek Unit 32-2-25-19	250S	190E	32	GRAND	UT	State	State	OW	APD
7/30/2014	4301950062	Cane Creek Unit 17-1-25-19	250S	190E	17	GRAND	UT	Federal	Federal	OW	APD
8/12/2014	4301950063	Cane Creek Unit 16-4-25-18	250S	180E	16	GRAND	UT	Federal	State	OW	APD
9/24/2014	4301950064	Cane Creek Unit 2-4-25-18	250S	180E	2	GRAND	UT	Federal	State	OW	APD
9/2/2014	4301950065	Cane Creek Unit 5-1-25-18	250S	180E	5	GRAND	UT	Federal	Federal	OW	APD
11/25/2014	4301950068	8-2-26-20	260S	200E	8	GRAND	UT	Federal	Federal	OW	APD
12/19/2014	4301950069	Cane Creek Unit 19-3-26-20	260S	200E	19	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950070	Cane Creek Unit 21-1-25-19	250S	190E	21	GRAND	UT	Federal	Federal	OW	APD
1/13/2015	4301950071	Cane Creek Unit 12-2-26-19	260S	190E	12	GRAND	UT	Federal	Federal	OW	APD
1/13/2015	4301950072	Cane Creek Unit 26-4-25-19	250S	190E	26	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950073	Cane Creek Unit 21-1-25-18	250S	180E	21	GRAND	UT	Federal	Federal	OW	APD
1/20/2015	4301950074	Cane Creek Unit 9-1-25-18	250S	180E	9	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950075	Cane Creek Unit 7-1-25-19	250S	190E	7	GRAND	UT	Federal	Federal	OW	APD
1/20/2015	4301950076	Cane Creek Unit 5-2-25-18	250S	180E	5	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950077	Cane Creek Unit 7-1-25-18	250S	180E	7	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950078	Cane Creek Unit 13-1-25-18	250S	180E	13	GRAND	UT	Federal	Federal	OW	APD
7/8/2014	4303750070	Three Mile Unti 12-3-29-21	290S	210E	12	SAN JUAN	UT	Federal	Federal	OW	APD
10/2/2014	4303750071	Three Mile Unit 16-2-29-22	290S	220E	16	SAN JUAN	UT	Federal	State	OW	APD
12/16/2014	4301950036	Cane Creek Unit 2-1-25-18 H2	25S	18E	2	GRAND	UT	Federal	State	OW	APD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

**UTU-90108**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL      OIL WELL       GAS WELL       OTHER Blue Hills Gas Plant

8. WELL NAME and NUMBER:  
**Blue Hills Gas Plant**

2. NAME OF OPERATOR:  
**Fidelity Exploration & Production Company**

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1801 California St., STE 2500 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
**(303) 893-3133**

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: **Grand**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: **UTAH**

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the Blue Hills Gas Plant located in T23S-R19E, Sections 20, 29. Wesco Operating, Inc. has been named as successor Operator.

Wesco Operating, Inc.  
P.O Box 1650  
Casper, Wyoming 82602  
Phone 307-265-5178

Fidelity Exploration & Production Company  
1801 California Street, Suite 2500  
Denver, Colorado 80202  
Phone 303-893-3133

Wesco Operating, Inc.  
Robert W. Kirkwood, President

Signature *Robert W. Kirkwood*

NAME (PLEASE PRINT) Darwin Subart

TITLE Chief Financial Officer

SIGNATURE *Darwin Subart*

DATE 4/14/2016

(This space for State use only)

**APPROVED**

**APR 21 2016**

DIV. OIL GAS & MINING  
BY: *Rachael Medina*

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Compressor Booster Station</u>		8. WELL NAME and NUMBER: <b>Dubinky Booster Station</b>
2. NAME OF OPERATOR: <b>Fidelity Exploration &amp; Production Company</b>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1801 California St., STE 2500 CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		10. FIELD AND POOL, OR WLD/CAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY: <b>Grand</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: <u>3/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

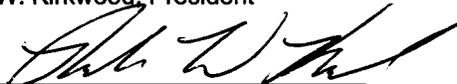
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

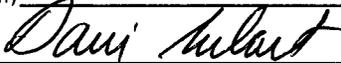
Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the Dubinky Booster Station located along Dubinky Road, approximately 18 miles northwest of Moab, 599142 E 4280872 N UTM Zone 12, NAD83. Wesco Operating, Inc. has been named as successor Operator.

Wesco Operating, Inc.  
P.O. Box 1650  
Casper, Wyoming 82602  
Phone 307-265-5178

Fidelity Exploration & Production Company  
1801 California Street, Suite 2500  
Denver, Colorado 80202  
Phone 303-893-3133

Wesco Operating, Inc.  
Robert W. Kirkwood, President

  
\_\_\_\_\_  
Signature

NAME (PLEASE PRINT) <u>Darwin Subart</u>	TITLE <u>Chief Financial Officer</u>
SIGNATURE 	DATE <u>4/4/2016</u>

(This space for State use only)

**APPROVED**

**APR 21 2016**

DIV OIL GAS & MINING  
BY: 