

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

FORM 3

**CONFIDENTIAL**  
UNCLASSIFIED REPORT   
(pages)

**APPLICATION FOR PERMIT TO DRILL**

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: ML 48144	6. SURFACE: State
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: Liberty Pioneer Energy Source, Inc.		8. UNIT or CA AGREEMENT NAME: N/A	
3. ADDRESS OF OPERATOR: 1411 East 840 North CITY Orem STATE UT ZIP 84097		9. WELL NAME and NUMBER: State 16-23	
PHONE NUMBER: 801-224-4771		10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2006' FSL and 1926 FWL 582187X 38.896203 AT PROPOSED PRODUCING ZONE: 4305477Y 110.052279		11. QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 16 22S 17E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 9.1 miles southeast of Green River, Utah		12. COUNTY: Grand	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1,926'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) None	19. PROPOSED DEPTH: 9800	20. BOND DESCRIPTION: RLB 0012097	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4,300.3	22. APPROXIMATE DATE WORK WILL START: November 1, 2008	23. ESTIMATED DURATION: 50 days	

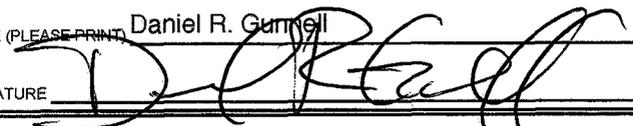
**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT		SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/4"	13-3/8"	J-55 54.5	1200	see Drilling Plan
12-1/4"	9-5/8"	P-110 53.5	5925	see Drilling Plan
8-1/2"	5"	N-80 23.20	5600	see Drilling Plan
8-1/2"	5"	Q-125 23.20	9800	see Drilling Plan
				Confidential Tight Hole

**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 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) Daniel R. Gurnell  
SIGNATURE 

TITLE President & CEO  
DATE September 25, 2008

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31605

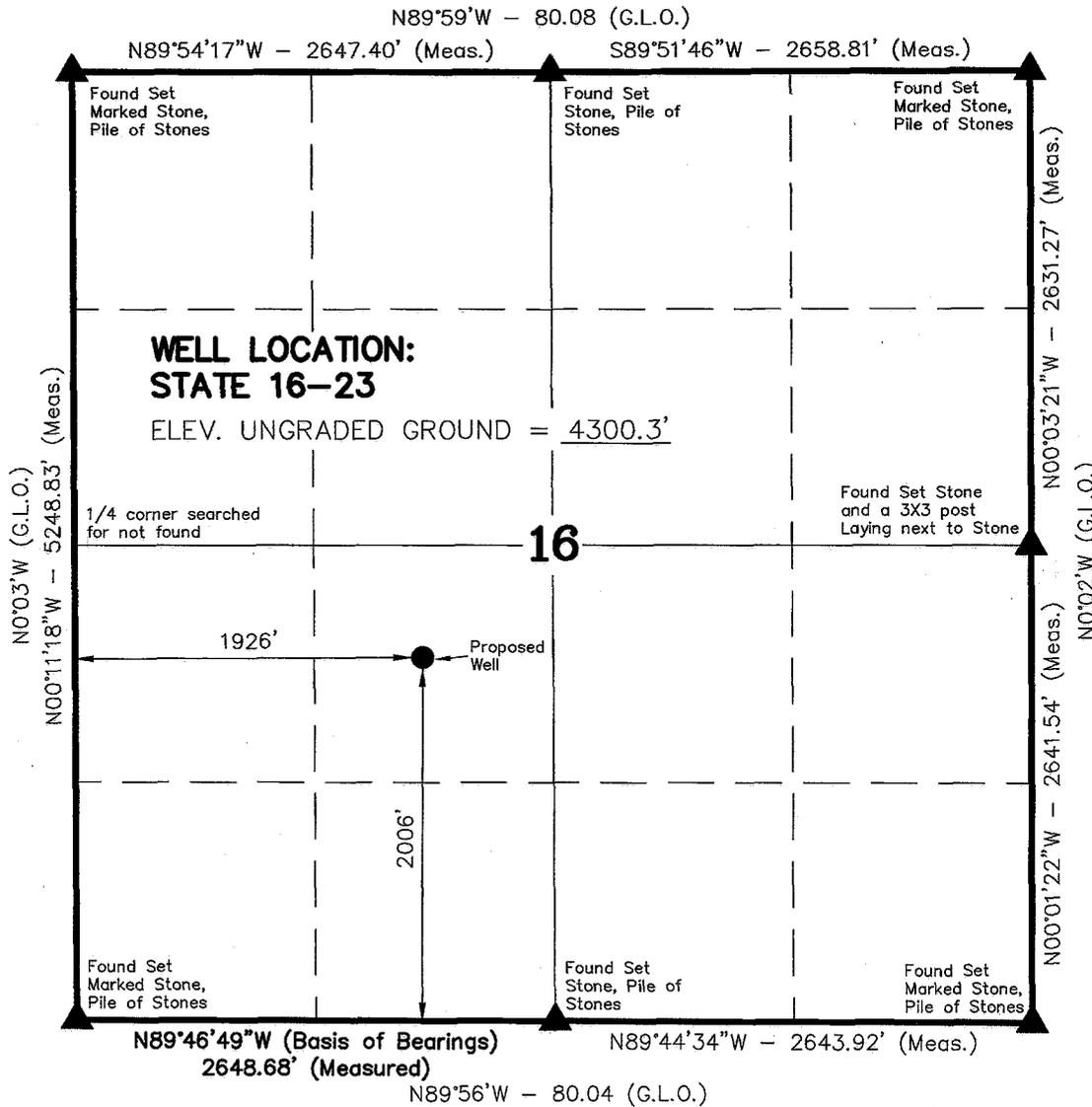
APPROVAL:

**RECEIVED**  
**SEP 25 2008**

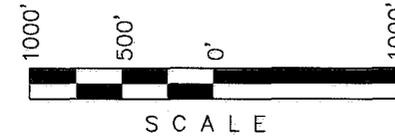
DIV. OF OIL, GAS & MINING

# T22S, R17E, S.L.B.&M.

# LIBERTY PIONEER ENERGY SOURCE



WELL LOCATION, STATE 16-23, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 16, T22S, R17E, S.L.B.&M. GRAND COUNTY, UTAH.

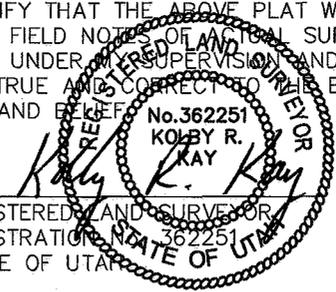


**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
 REGISTRATION No. 362251  
 STATE OF UTAH



▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS A SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 2, T22S, R17E, S.L.B.&M. THE ELEVATION OF THIS SECTION CORNER IS SHOWN ON THE GREEN RIVER NE 7.5 MIN. QUADRANGLE AS BEING 4401'.

**STATE 16-23**  
**(Proposed Well Head)**  
**NAD 83 Autonomous**  
 LATITUDE = 38° 53' 46.52"  
 LONGITUDE = 110° 03' 11.02"

**TIMBERLINE** (435) 789-1365  
**ENGINEERING & LAND SURVEYING, INC.**  
 38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 08-05-08	SURVEYED BY: B.J.S.	SHEET 8 <b>CONFIDENTIAL</b>
DATE DRAWN: 08-18-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

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

FORM 3

RECOMMENDED REPORT   
(Guidance changes)  
**CONFIDENTIAL**

**APPLICATION FOR PERMIT TO DRILL**

5. MINERAL LEASE NO: <b>ML 48144</b>		6. SURFACE: State <input checked="" type="checkbox"/>	
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: <b>Liberty Pioneer Energy Source, Inc.</b>		9. WELL NAME and NUMBER: State 16-23	
3. ADDRESS OF OPERATOR: <b>1411 East 840 North</b> CITY <b>Orem</b> STATE <b>UT</b> ZIP <b>84097</b>		PHONE NUMBER: <b>801-224-4771</b>	
10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 16 22S 17E S</b>	
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15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <b>1,926'</b>	16. NUMBER OF ACRES IN LEASE: <b>640</b>	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: <b>40</b>	
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			Confidential Tight Hole

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- |  |  |
|--|--|
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NAME (PLEASE PRINT) Daniel R. Gunnell TITLE President & CEO  
 SIGNATURE  DATE September 25, 2008

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31605

APPROVAL:

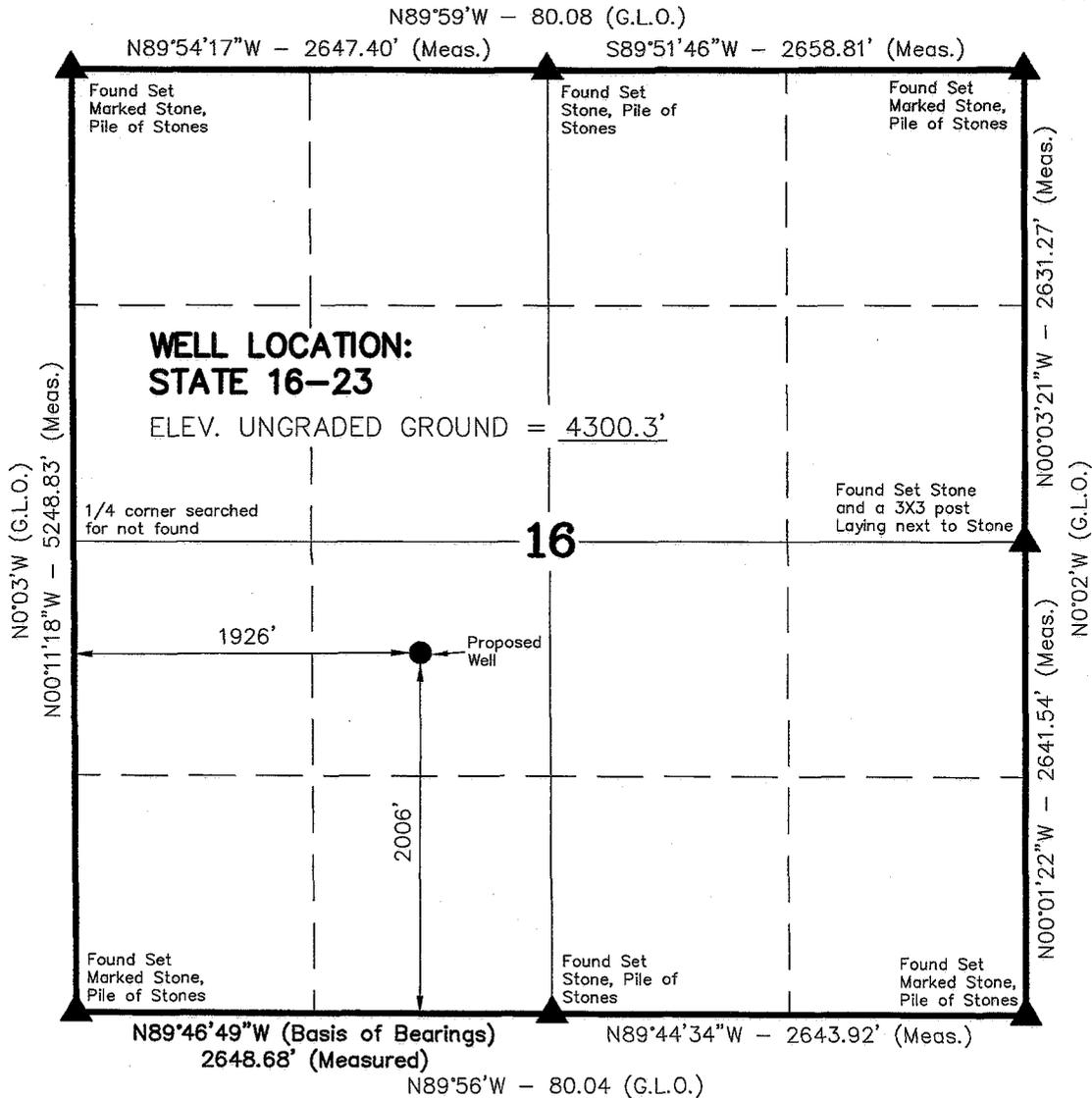
**RECEIVED**

**SEP 25 2008**

DIV. OF OIL, GAS & MINING

# T22S, R17E, S.L.B.&M.

# LIBERTY PIONEER ENERGY SOURCE



WELL LOCATION, STATE 16-23,  
 LOCATED AS SHOWN IN THE NE 1/4  
 SW 1/4 OF SECTION 16, T22S, R17E,  
 S.L.B.&M. GRAND COUNTY, UTAH.



SCALE



**NOTES:**

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No. 362251  
 KOLBY R. KAY  
 REGISTERED LAND SURVEYOR  
 REGISTRATION STATE OF UTAH  
 STATE OF UTAH

▲ = SECTION CORNERS LOCATED

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**NAD 83 Autonomous**  
 LATITUDE = 38° 53' 46.52"  
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**ENGINEERING & LAND SURVEYING, INC.**  
 38 WEST 100 NORTH - VERNAL, UTAH 84078

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DATE DRAWN: 08-18-08	DRAWN BY: M.W.W.
SCALE: 1" = 1000'	Date Last Revised:

SHEET  
 2  
 OF 8

CONFIDENTIAL

# BOP Equipment

5000psi WP

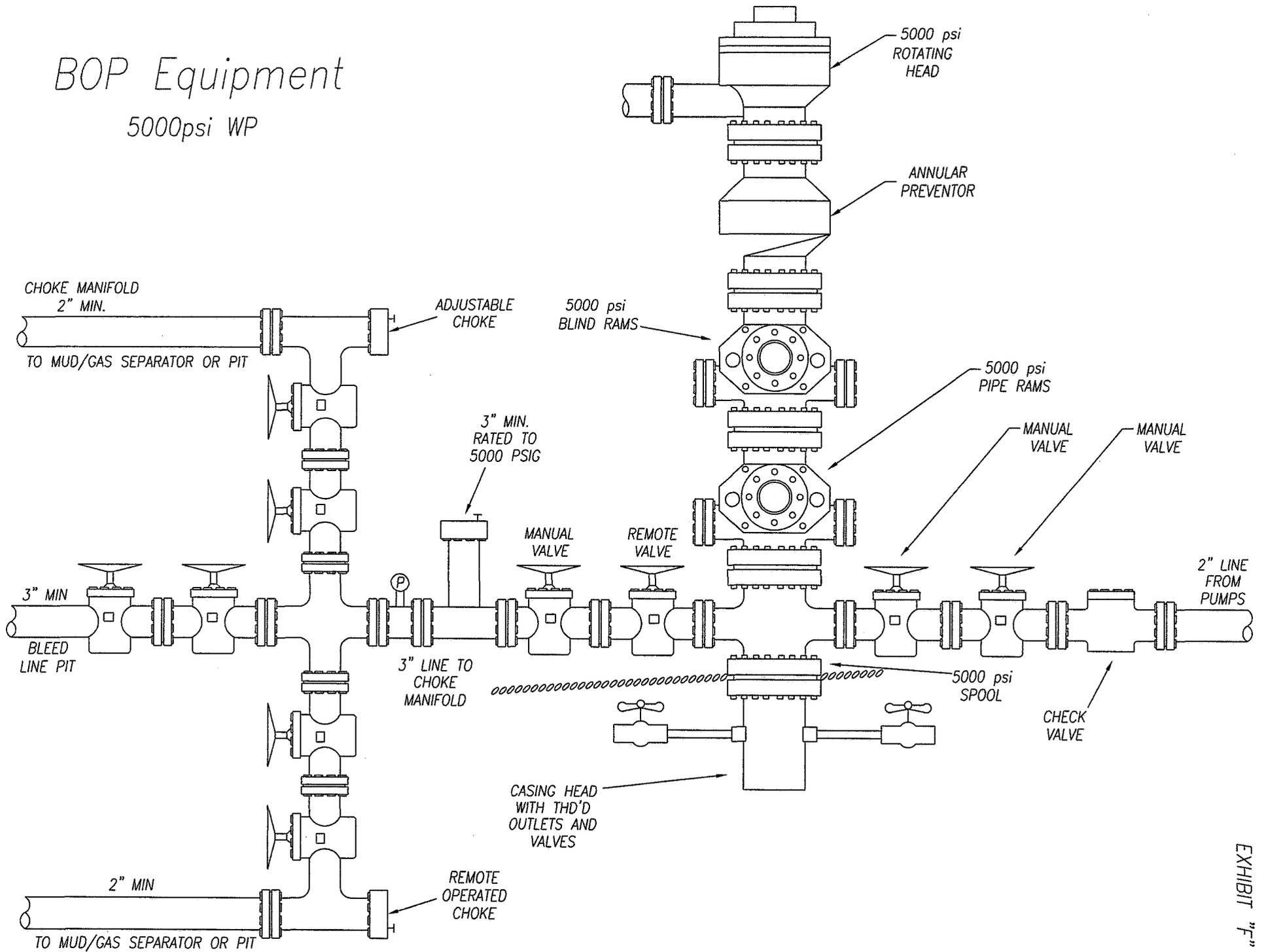
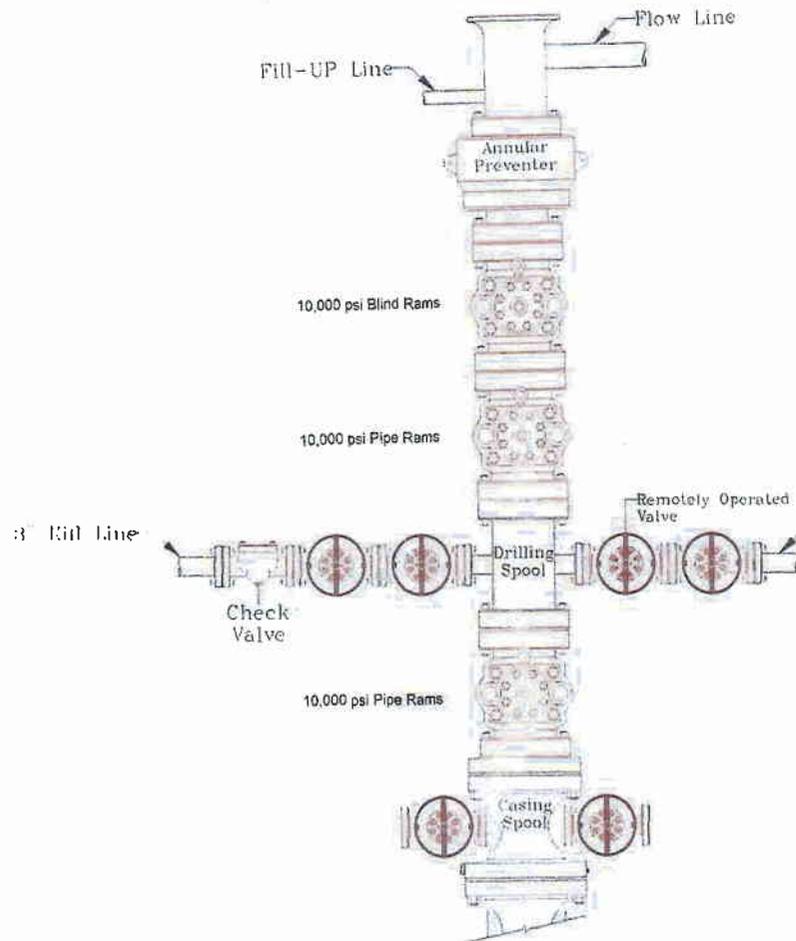
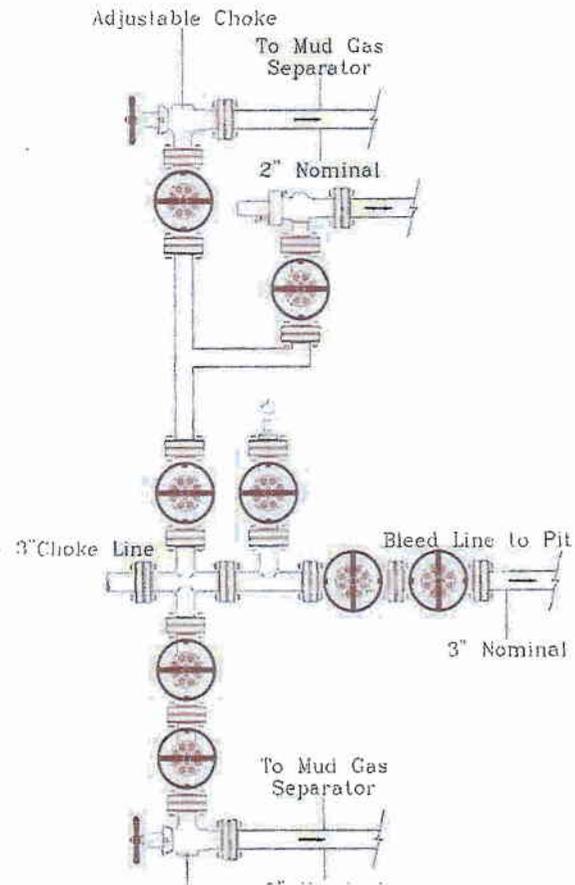


EXHIBIT "F"

TYPICAL 10,000# p.s.i.  
BLOWOUT PREVENTER  
SCHEMATIC

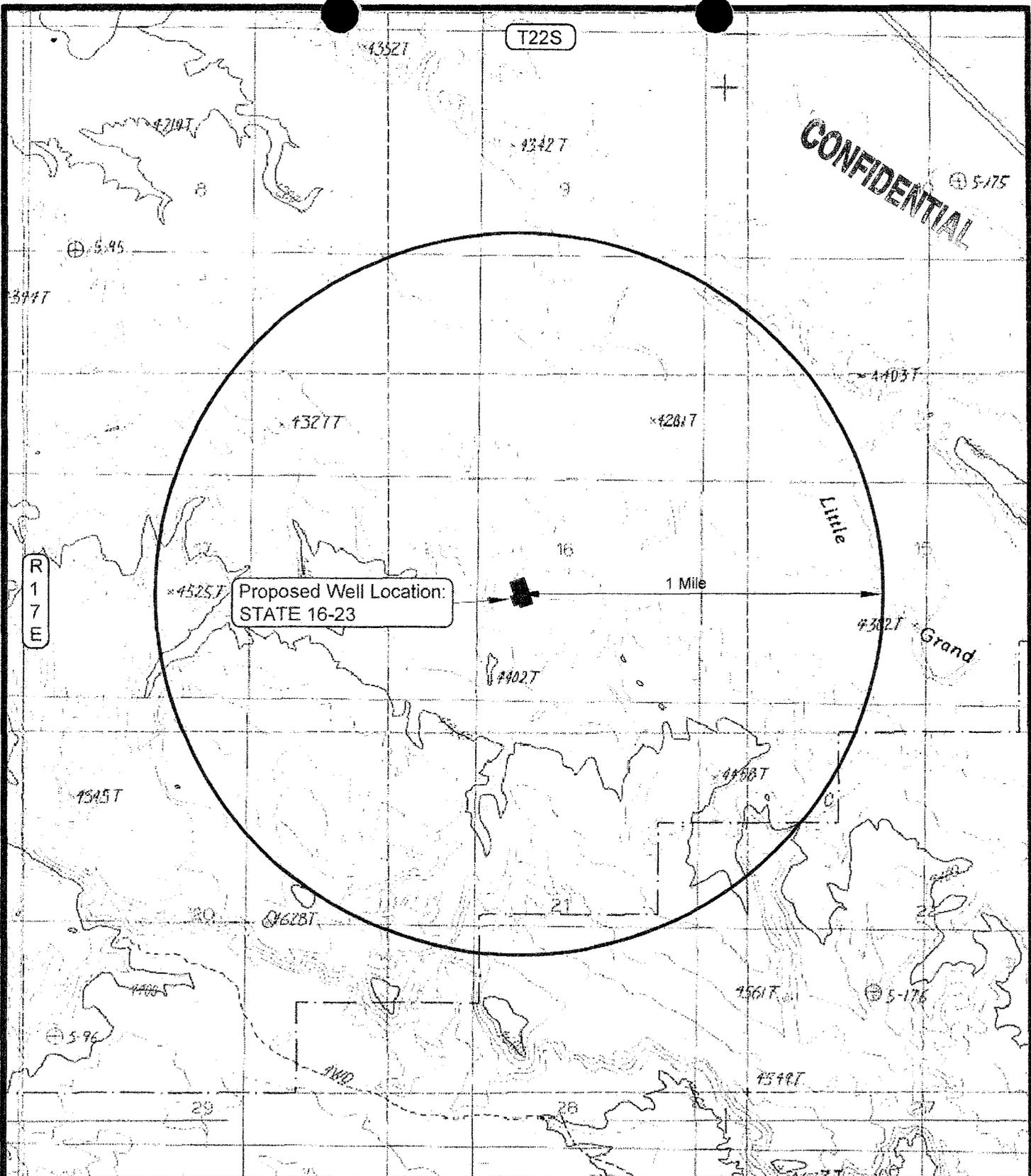


TYPICAL 10,000# p.s.i.  
CHOKE MANIFOLD  
SCHEMATIC



**STATE ACTIONS**  
**Resource Development Coordinating Committee**  
**Public Lands Policy Coordination Office**  
**5110 State Office Building**  
**SLC, UT 84114**  
**Phone No. 537-9230**

<b>1. State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. Approximate date project will start:</b>  Upon Approval or November 1, 2008
<b>3. Title of proposed action:</b> Application for Permit to Drill	
<b>4. Description of Project:</b>  Liberty Pioneer Energy Source, Inc proposes to drill the State 16-23 well (wildcat) on State lease ML48144, Grand County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)</b> (include UTM coordinates where possible) (indicate county) 2006' FSL 1926' FWL, NE/4 SW/4, Section 16, Township 22 South, Range 17 East, Grand County, Utah	
<b>6. Possible significant impacts likely to occur:</b> Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
<b>7. Identify local government affected</b> a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
<b>8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:</b> a. Has the representative and senator been contacted? N/A	
<b>9. Areawide clearinghouse(s) receiving state action:</b> (to be sent out by agency in block 1) Southeastern Utah Association of Government	
<b>10. For further information, contact:</b>   Diana Mason Phone: (801) 538-5312	<b>11. Signature and title of authorized officer</b>   Gil Hunt, Associate Director Date: September 30, 2008



**CONFIDENTIAL**

Proposed Well Location:  
STATE 16-23

1 Mile

**LEGEND**

- ⊗ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊗ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊕ = ABANDONED LOCATION

**LIBERTY PIONEER ENERGY SOURCE**

**STATE 16-23**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2006' FSL & 1926' FWL**

<b>TOPOGRAPHIC MAP "C"</b>		DATE SURVEYED: 08-05-08
		DATE DRAWN: 08-18-08
SCALE: 1" = 2000'	DRAWN BY: M.W.W.	REVISED:

*Timberline* (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

**SHEET**  
**8**  
**OF 8**

**From:** Robert Clark  
**To:** Mason, Diana  
**Date:** 10/6/2008 9:14 AM  
**Subject:** RDCC short turn-around comments

**CC:** Anderson, Tad; Mcneill, Dave; Wright, Carolyn  
The following comments are submitted in response to RDCC short turn-around items **RDCC #9838-3840**.

**RDCC #9838, Comments begin:** The Samson Resources Company proposal to drill the State 42-23-2219 wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at [www.rules.utah.gov/publicat/code/r307/r307.htm](http://www.rules.utah.gov/publicat/code/r307/r307.htm) .

The proposed project, in Grand County, is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at [www.rules.utah.gov/publicat/code/r307/r307.htm](http://www.rules.utah.gov/publicat/code/r307/r307.htm) .

**Comments end.**

**RDCC #9839, Comments begin:** The Liberty Pioneer Energy Source, Inc proposal to drill the State 16-23 wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at [www.rules.utah.gov/publicat/code/r307/r307.htm](http://www.rules.utah.gov/publicat/code/r307/r307.htm) .

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**Comments end.**

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**Comments end.**

Robert Clark  
Division of Air Quality  
801/536/4435

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO: <b>ML 48144</b>	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: <b>Liberty Pioneer Energy Source, Inc.</b>		9. WELL NAME and NUMBER: <b>State 16-42</b>	
3. ADDRESS OF OPERATOR: <b>1411 East 840 North</b> CITY <b>Orem</b> STATE <b>UT</b> ZIP <b>84097</b>		PHONE NUMBER: <b>(801) 224-4771</b>	10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>2,108' FNL &amp; 559' FEL, 4305839y</b> AT PROPOSED PRODUCING ZONE: <b>583035X 38.899379 - 110.042459</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 22S 17E S</b>	
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18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <b>None</b>	19. PROPOSED DEPTH: <b>9,800</b>	20. BOND DESCRIPTION: <b>RLB 0012097</b>	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <b>4,242.0</b>	22. APPROXIMATE DATE WORK WILL START: <b>11/17/2008</b>	23. ESTIMATED DURATION: <b>50 days</b>	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
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25. **ATTACHMENTS**

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<input 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) Don Hamilton TITLE Agent  
SIGNATURE Don Hamilton DATE 11/3/2008

(This space for State use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining

**RECEIVED**

API NUMBER ASSIGNED: 43019-31605

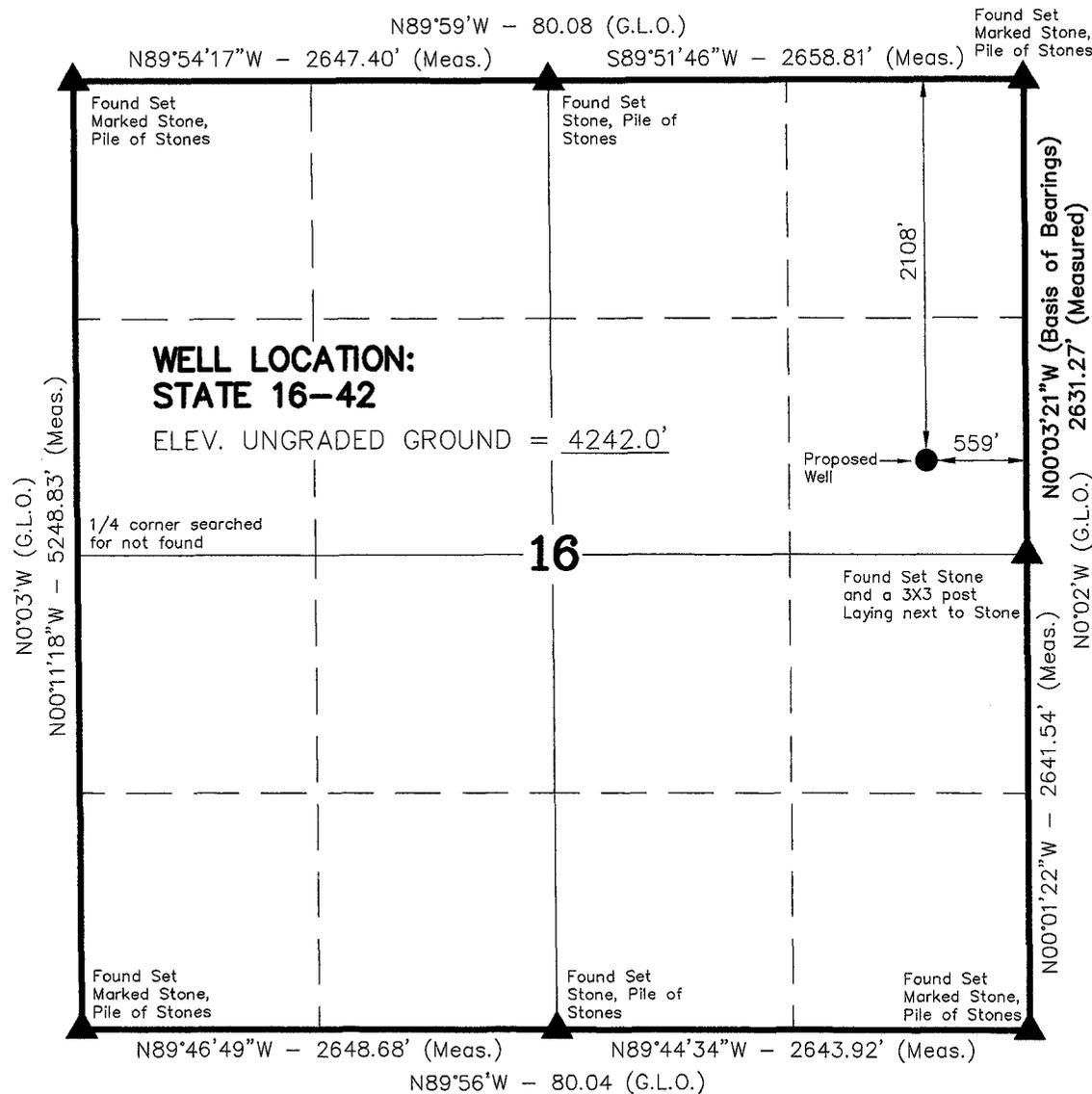
APPROVAL:  
Date: 12-22-08  
By: [Signature]

NOV 04 2008

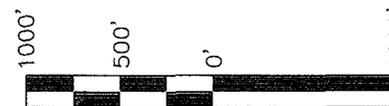
DIV. OF OIL, GAS & MINING

# T22S, R17E, S.L.B.&M.

# LIBERTY PIONEER ENERGY SOURCE



WELL LOCATION, STATE 16-42, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 16, T22S, R17E, S.L.B.&M. GRAND COUNTY, UTAH.



SCALE



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**STATE 16-42**  
**(Proposed Well Head)**  
**NAD 83 Autonomous**  
 LATITUDE = 38° 53' 57.83"  
 LONGITUDE = 110° 02' 35.46"

**TIMBERLINE** (435) 789-1365  
**ENGINEERING & LAND SURVEYING, INC.**  
 38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 10-21-08	SURVEYED BY: B.J.S.	<b>SHEET</b> <b>2</b> <b>OF 10</b>
DATE DRAWN: 10-23-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

**LIBERTY PIONEER ENERGY SOURCE**

**STATE 16-42**

**Section 16, T22S, R17E, S.L.B.&M.**

FROM GREEN RIVER, UTAH PROCEED IN A SOUTHEASTERLY THEN SOUTHERLY DIRECTION ALONG MAIN STREET APPROXIMATELY 3.3 MILES TO THE INTERSECTION OF COUNTY ROAD 325. EXIT LEFT AND PROCEED IN AN EASTERLY THEN SOUTHEASTERLY DIRECTION ALONG COUNTY ROAD 325 APPROXIMATELY 2.3 MILES TO THE INTERSECTION OF THE LITTLE VALLEY ROAD (COUNTY ROAD 150). EXIT RIGHT AND PROCEED ALONG THE LITTLE VALLEY ROAD IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE PROPOSED ACCESS ROAD FOR STATE 16-23 WELL LOCATION. FOLLOW STATE 16-23 ROAD FLAGS IN A SOUTHERLY THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE PROPOSED ACCESS ROAD FOR FED 23-23 WELL LOCATION. FOLLOW FED 23-23 ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 705 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM GREEN RIVER, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 12.2 MILES IN A SOUTHEASTERLY DIRECTION.

**CONFIDENTIAL -TIGHT HOLE**

**State 16-42  
2,108' FNL & 559' FEL,SE/4 NE/4,  
Section 16, T22S-R17E  
Grand County, Utah**

**Copies Sent To:**

**2- Utah Division of Oil, Gas & Mining- SLC, UT  
1 - Utah Division of Oil, Gas & Mining - Price, UT  
1 - Utah State Institutional Trust Lands Administration - SLC, UT**

**Application for Permit to Drill**  
 Liberty Pioneer Energy Source, Inc.  
 State #16-42  
 2,108' FNL & 559' FEL, SE/4 NE/4,  
 Section 16, T22S-R17E  
 Grand County, Utah

**CONFIDENTIAL- TIGHT HOLE**

Lease No. ML 48144  
**DRILLING PROGRAM**  
 Page 1

1. Estimated Tops/ Geologic Markers

The estimated tops of important geologic markers are as follows:

<b>Formation</b>	<b>T22S R17E, Section 16</b>	
	<b>MD</b>	<b>Subsea</b>
Elevation		4300'
Cedar Mountain	Surface	Surface
Chinle	1816'	2484'
Moenkopi	2070'	2230'
Cutler	2566'	1734'
Honaker Trail	4500'	-200'
Paradox	5523'	-1223'
Top Salt #1	5800'	-1500'
Shale 1	5885'	-1585'
Intermediate Casing Point	5925'	-1625'
Shale 3	6286'	-1986'
Salt 4	6350'	-2050'
Shale 4	6636'	-2336'
Shale 10	7880'	-3580'
Salt 12	7977'	-3677'
Shale 12	8036'	-3736'
Salt 13	8052'	-3752'
Shale 14	8159'	-3859'
Salt 15	8195'	-3895'
Shale 18	8709'	-4409'
Salt 20	8741'	-4441'
Shale 20	8930'	-4630'
Salt 21	8940'	-4640'
Top Cane Creek Shale	9085'	-4785'
Cane Creek Shale B	9109'	-4809'
Base Cane Creek Shale	9160'	-4860'
Salt 23	9161'	-4861'
TD	9800'	-5500'

**Application for Permit to Drill**  
Liberty Pioneer Energy Source, Inc.  
State #16-42  
2,108' FNL & 559' FEL, SE/4 NE/4,  
Section 16, T22S-R17E  
Grand County, Utah

**CONFIDENTIAL- TIGHT HOLE**

Lease No. ML 48144  
**DRILLING PROGRAM**  
Page 2

2. Estimated Depths and Names of Anticipated Water, Oil, Gas or Other Minerals Bearing Formations.

<b>Substance</b>	<b>Formation</b>	<b>Depth</b>
Oil	Shale 1	5885'
Oil	Shale 10	7880'
Oil	Salt 12	7977'
Oil	Shale 18	8709'
Oil	Top Cane Creek Shale	9085'

3. Well Control Equipment & Testing Procedures

Liberty Pioneer Energy Source's minimum specifications for pressure control equipment are as follows:

Ram Type: A 5,000# BOP will be nipped up once the surface casing is set at 1200'. A 10,000# BOP will be nipped up once intermediate is set casing is set at +/- 5,925 and used to TD.

Liberty Pioneer Energy Source will comply with all requirements pertaining to well control as listed in the Rule R649-3-7 of the Utah Division of Oil, Gas & Mining.

The size and rating of the BOP stacks are shown on the attached diagram.

4. Casing Program

The proposed casing program will be as follows:

**Application for Permit to Drill**  
 Liberty Pioneer Energy Source, Inc.  
 State #16-42  
 2,108' FNL & 559' FEL, SE/4 NE/4,  
 Section 16, T22S-R17E  
 Grand County, Utah

**CONFIDENTIAL- TIGHT HOLE**

Lease No. ML 48144  
**DRILLING PROGRAM**  
 Page 3

Purpose	Depth	Hole Size	O.D.	Weight	Grade	Type	New/ Used
Surface	0'- 1,200'	17-1/2"	13-3/8"	54.5#	J-55	STC	New
Intermediate	0'- 5,925'	12-1/4"	9-5/8"	53.50#	P-110	LTC	New
Production	0'- 5,600'	8-1/2"	5"	23.20#	N-80	LTC	New
Production	5,600'- 9,800'	8-1/2"	5"	23.20#	Q-125	LTC	New

Casing design subject to revision based on geologic conditions encountered and casing availability.

5. Cement Program

<b>Surface</b>	<b>Type and Amount</b>
TOC @ Surface	Lead: 160 sx 11.0 ppg SJPRBII cement plus additives, 3.48 cu ft/sk. Tail: 177 sx 13.5 ppg SJPRBII cement plus additives, 1.80 cu ft/sk.
<b>Intermediate</b>	<b>Type and Amount</b>
TOC @ 2425'	Lead: 290 sx Halliburton Lite Premium plus additives, 12.5 ppg, 2.157 cu ft/sk. Tail: 410 sx Class G plus additives, 15.8 ppg, 1.234 cu ft/sk.
<b>Production</b>	<b>Type and Amount</b>
TOC @ 5125'	838 sx Class G plus additives, 18.1 ppg, 1.45 cu ft/sk. (cement to be at least 0.5 ppg heavier than the mud weight.)

6. Drilling Fluids

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

<b>Interval</b>	<b>Mud Type</b>	<b>Mud Wt.</b>	<b>Visc.</b>	<b>F/L</b>
0'- 1,200'	Air/Mist/Mud	n/a	n/a	n/a
1,200'-5,925'	Air/Mist/Mud	8.7 ppg	n/a	n/a
5,925'- 9,800'	OBM (Invert)	15.0-17.5	90-100	6cc

**Application for Permit to Drill**  
Liberty Pioneer Energy Source, Inc.  
State #16-42  
2,108' FNL & 559' FEL, SE/4 NE/4,  
Section 16, T22S-R17E  
Grand County, Utah

**CONFIDENTIAL- TIGHT HOLE**

Lease No. ML 48144  
**DRILLING PROGRAM**  
Page 4

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7. Testing, Logging and Coring

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

- a. No drill stem tests are anticipated.
- b. The Logging program will consist of the following:

Run 1: GR-SP-DIL-SFL-ML, GR-CALI-FDC/CNL, Sonic (BHC), and Mud Log to be run from Surface Casing to +/- 5,925' (Intermediate Casing Depth)..

Run 2: GR-SP-DIL-SFL-ML, GR-CALI-FDC/CNL, Sonic (Dipole), Borehole Imager (CBIL), and Mud Log to be run from +/- 5,925' to TD.

- c. No cores are anticipated.

8. Anticipated Pressures and H<sub>2</sub>S

- a. Over pressure may occur in the shales within the Paradox Formation Salts but will be controlled with mud weight and BOP systems. Normal temperatures are expected in the objective formation and will be controlled with heavy mud. A maximum bottom hole pressure of 8,500 psi is expected. A maximum bottom hole temperature of 153 degrees Fahrenheit is anticipated. Sour gas (H<sub>2</sub>S) is not anticipated.

9. Water Source

- a. The water source has been addressed as number 5 within the following surface use plan.

10. Other Information

- a. Drilling is planned to commence immediately upon approval of this application.

**Application for Permit to Drill**  
Liberty Pioneer Energy Source, Inc.  
State #16-42  
2,108' FNL & 559' FEL, SE/4 NE/4,  
Section 16, T22S-R17E  
Grand County, Utah

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**CONFIDENTIAL- TIGHT HOLE**

Lease No. ML 48144  
**DRILLING PROGRAM**  
Page 5

- b. It is anticipated that the drilling of this well will take approximately 50 days.
- c. Lining of the reserve pit will be done if deemed necessary by the Utah Division of Oil, Gas and Minerals.
- d. At the end of drilling operations the location will be reclaimed and re-seeded as requested by the surface owner.

Surface Owner

State of Utah under the management of the SITLA

## SURFACE USE PLAN

Attachment for Permit to Drill

**Name of Operator:** Liberty Pioneer Energy Source, Inc.  
**Address:** 1411 East 840 North  
Orem, Utah 84097  
**Well Location:** State 16-42  
2,108' FNL & 559' FEL, SE/4 NE/4,  
Section 16, T22S, R17E  
Grand County, UT

The dirt contractor will be provided with an approved copy of this document prior to initiating construction. The well site is located on SITLA surface and SITLA mineral. An off-lease SITLA easement and an off-lease federal right-of-way are necessary for the new segment of road. A State permit, a SITLA easement, a federal right-of-way grant and a Grand County Road encroachment must be in place prior to initiating any construction activities.

### 1. Existing Roads

- a. Proposed access will utilize the existing gravel-surfaced Little Valley Road (CR 150) maintained by Grand County from I-70 (East Green River Exit) (See Exhibit "B").
- b. The existing Little Valley Road (CR 150) road will not be upgraded but will be maintained consistent with Grand County specifications and include improving drainage structures, gravelling and dust suppression, if necessary.
- c. A Grand County road encroachment application has been submitted and is pending approval at this time to upgrade the existing approach from the Little Valley Road.
- d. We do not plan to change, alter or improve upon any other existing state or county roads.
- e. All existing roads will be maintained and kept in good repair during all phases of operation.
- f. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- g. Since no improvements are anticipated to any State, County, or BLM access roads no topsoil striping will occur.

## **2. Planned Access Roads**

- a. From the existing gravel-surfaced Little Valley Road (CR 150) an access is proposed trending southeast approximately 4.6 miles the northeast 705' to the proposed well site. The access consists of existing two track disturbance and new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across state and federal surface.
- d. DOGM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project with no major cuts and fills anticipated.
- f. No turnouts are proposed since adequate site distance exists in all directions.
- g. Numerous low water crossings and several 18" culverts are anticipated. Adequate drainage structures will be incorporated into the remainder of the road.
- h. No surfacing material will come from federal or state lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. The operator will be responsible for all maintenance of the access road including drainage structures.
- h. A SITLA easement and a federal right-of-way are necessary for construction and use of the proposed roads. The applications have been submitted and are pending approval at this time.

## **3. Location of Existing Wells**

- a. See Exhibit "B". There are no proposed and no existing wells within a one mile radius of the proposed location.

## **4. Location of Existing and/or Proposed Facilities**

- a. If the well is deemed productive a sundry notice reflecting the production site layout will be submitted for approval.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with SITLA stipulations.

## **5. Location and Type of Water Supply**

- a. The water supply for construction, drilling and operations will be provided under water right number 91-5140 which will be diverted from the Green River at the Sillman diversion by water truck through a direct water purchase.
- b. No water pipelines will be laid for this well.
- c. No water well will be drilled for this well.
- d. Drilling water for this will be hauled on the road(s) shown in Exhibit B.
- e. Should additional water sources be pursued they will be properly permitted through the State of Utah – Division of Water Rights.

## **6. Source of Construction Materials**

- a. Any necessary construction materials needed will be obtained locally from a private source and hauled to the location on existing roads.

## **7. Methods for handling waste disposal**

- a. A small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a synthetic liner. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operations cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tanks until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

## **8. Ancillary Facilities**

- a. We anticipate no need for ancillary facilities with the exception of trailers to be located on the drill site.

## **9. Well-site Layout**

- a. Available topsoil will be removed from the location and stockpiled. The location of the rig, reserve and pits, and drilling support equipment will be located as shown on Exhibit "A", Figure 1 (Location Layout).
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the blooie pit. The blooie pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on the location layout.
- d. Natural runoff will be diverted around the well pad as shown on the location layout.

## **10. Plans for Restoration of Surface**

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existing conditions.
- e. Rehabilitation will commence following completion of the well. Holes will be filled immediately upon release of the drilling rig from the location. If the well-site is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

## **11. Surface Ownership**

- a. Surface Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.
- b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.
- c. The proposed access road crosses federal lands under the management of the BLM Moab Field Office – 82 East Dogwood, Moab, Utah 84532, 435-259-2128

- d. The operator shall contact the surface representative and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

12. **Other Information:**

- a. The primary surface use is wildlife habitat and grazing. The nearest dwelling is located in Green River City over eight miles northwest of the proposed location. The nearest live water is the Green River approximately 5.3 miles west.
- b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.
- c. The back-slope and fore-slope will be constructed no steeper than 3:1.
- d. All equipment and vehicles will be confined to the access road and well pad.
- e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations and the surface use agreement shall be on the well-site during construction and drilling operations.
- f. Buys & Associates, Inc. has conducted a Class III archeological survey but it will be revised for the new location and additional segment of access road. A copy of the report will be submitted under separate cover to the appropriate agencies by Buys & Associates, Inc.
- g. Alden Hamblin has conducted a paleontological survey but it will be revised for the new location and additional segment of access road. A copy of the report will be submitted under separate cover to the appropriate agencies by Alden Hamblin.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. **Company Representative**

Daniel R. Gunnell - President and CEO  
Liberty Pioneer Energy Source, Inc.  
1411 East 840 North  
Orem, Utah 84097  
801-224-4771 (office)  
DGunnell@LibertyPioneer.com

**Company Agent**

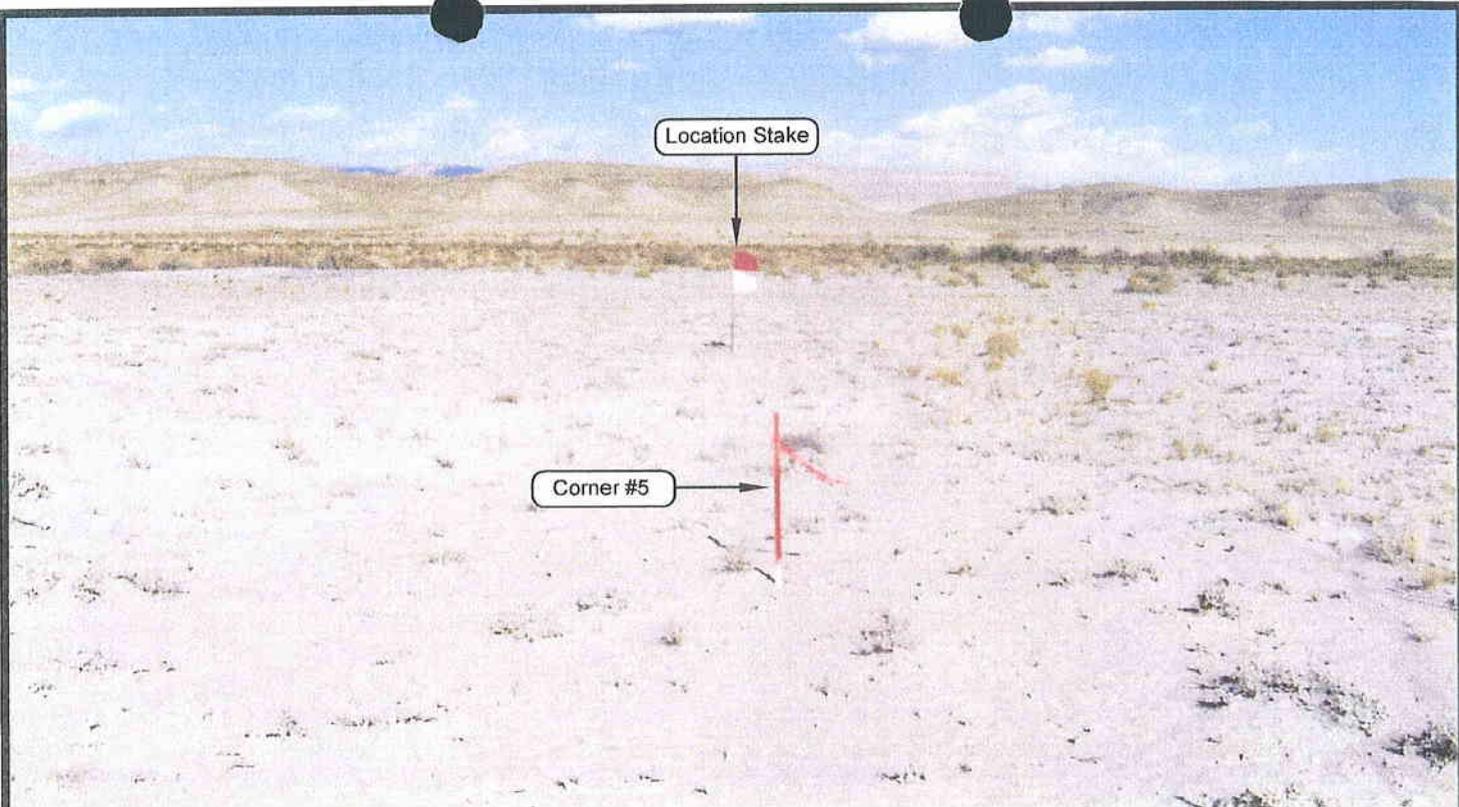
Don Hamilton  
Buys & Associates, Inc  
2580 Creekview Road,  
Moab, Utah 84532  
435-718-2018  
starpoint@etv.net

14. **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 presently 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 Liberty Pioneer Energy Source, Inc. and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

11-3-08  
Date

Don Hamilton  
Don Hamilton  
Agent

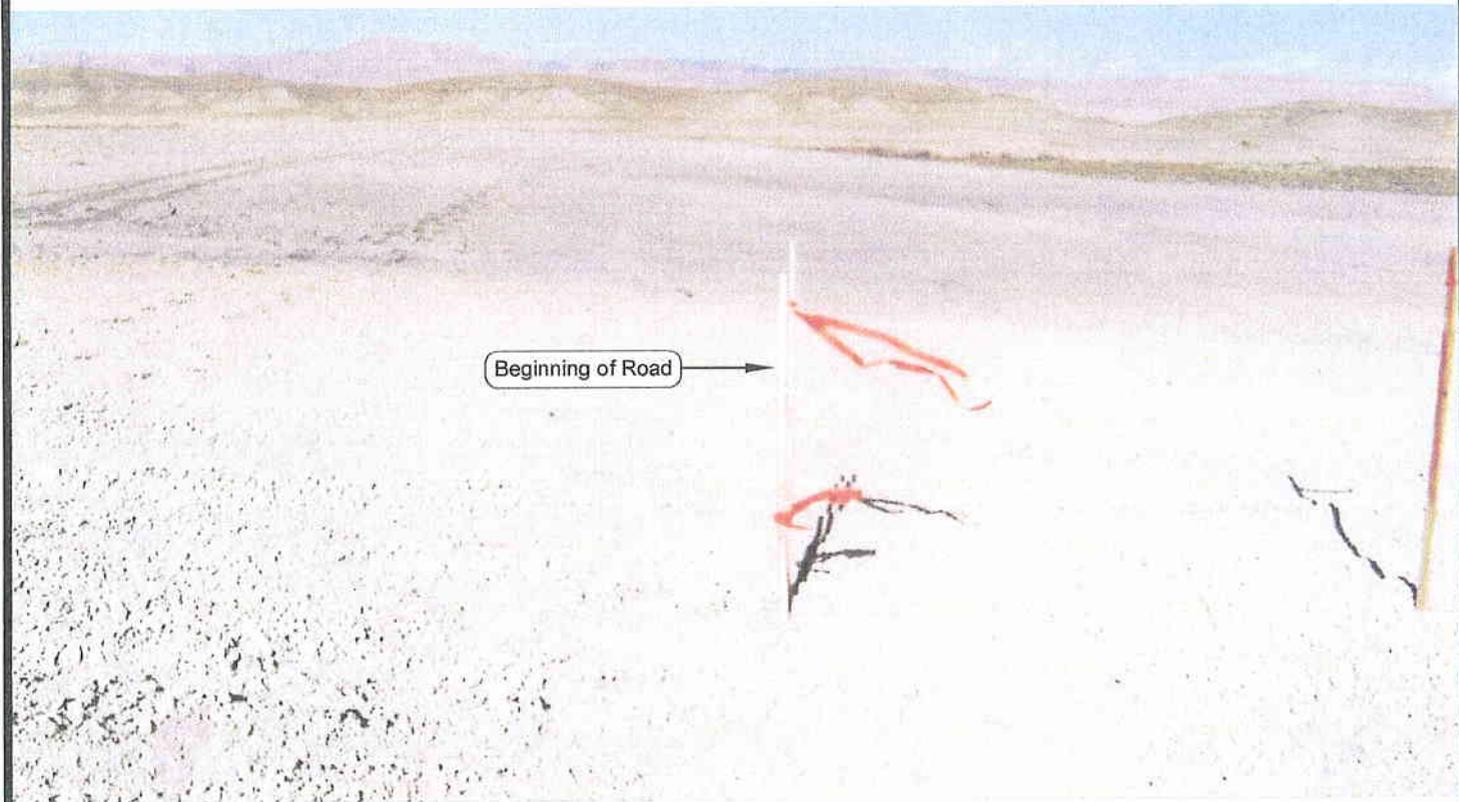


Location Stake

Corner #5

PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



Beginning of Road

PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

**LIBERTY PIONEER ENERGY SOURCE**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL**

**LOCATION PHOTOS**

TAKEN BY: B.J.S.      DRAWN BY: M.W.W.

DATE TAKEN: 10-21-08

DATE DRAWN: 10-24-08

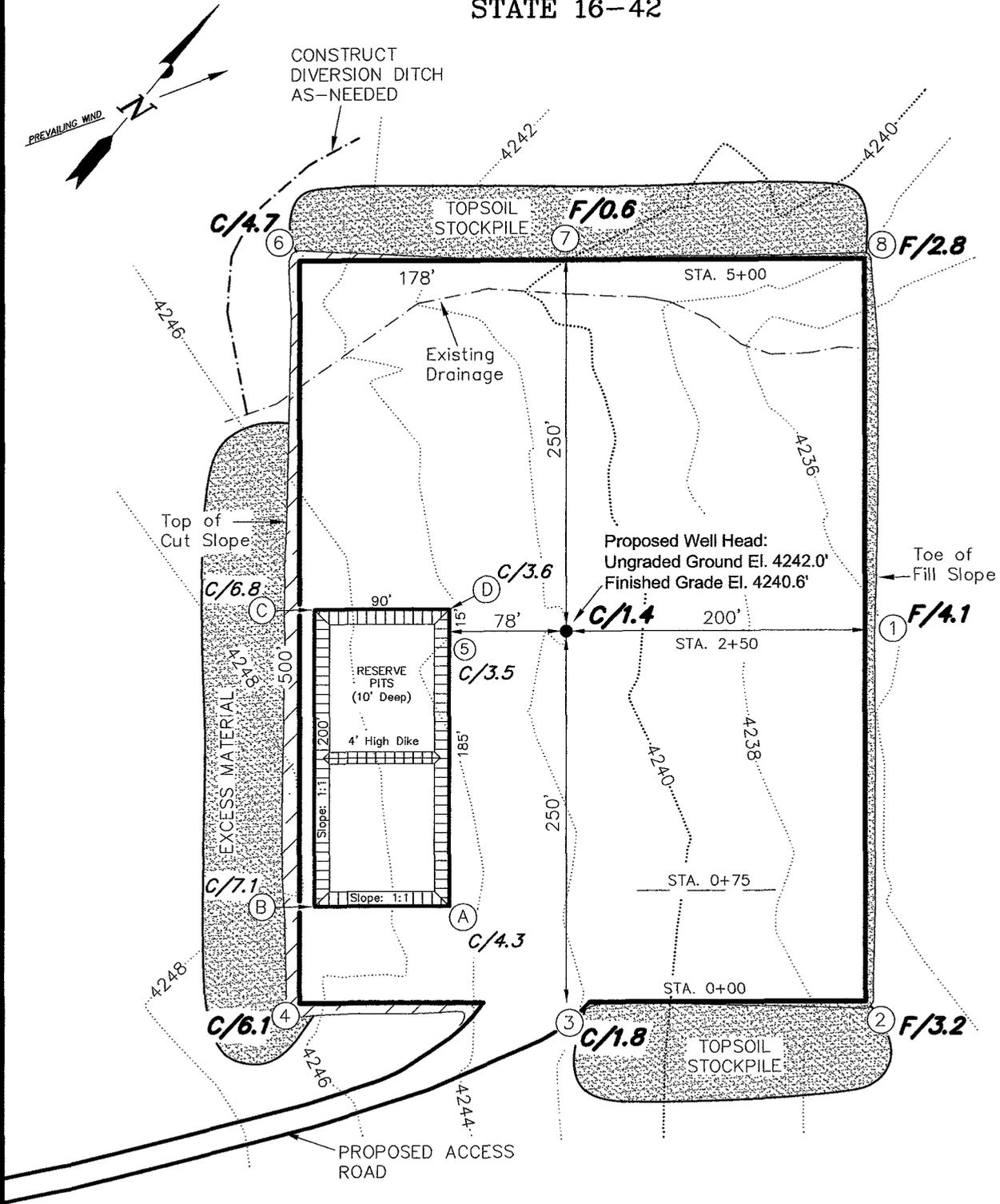
REVISED:

*Timberline* (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
 1  
 OF 10

# LIBERTY PIONEER ENERGY SOURCE

## CUT SHEET STATE 16-42



CONTOUR INTERVAL = 2'

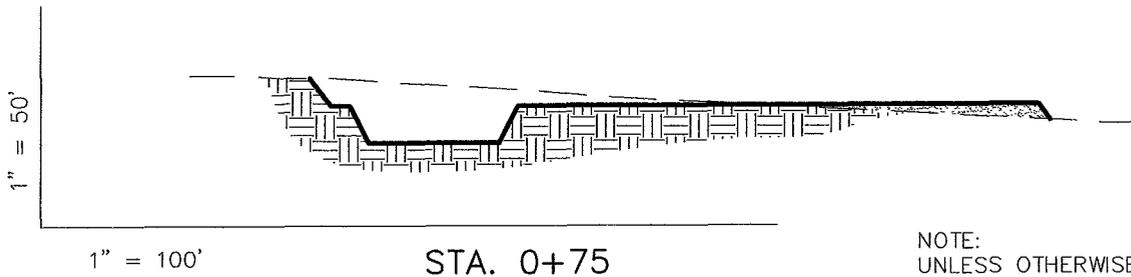
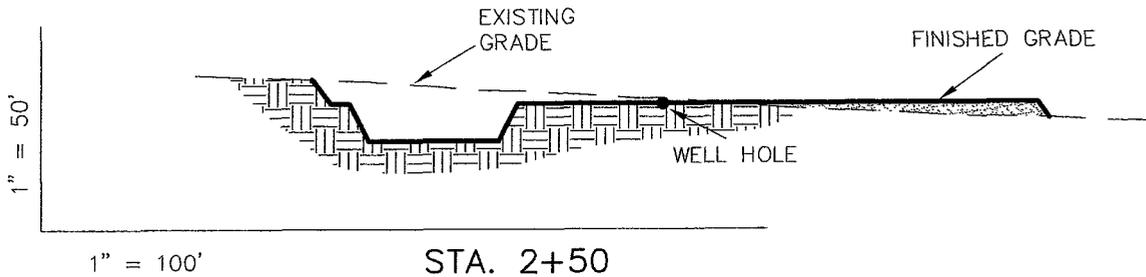
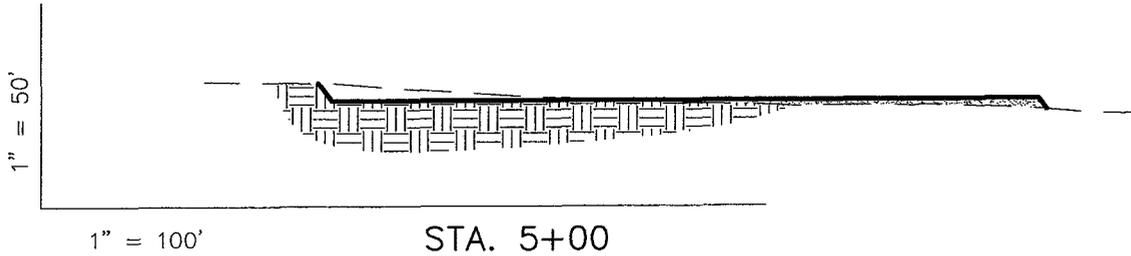
Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE	Footage Location: 2108' FNL & 559' FEL
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision:	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'	

SHEET  
**3**  
OF 10

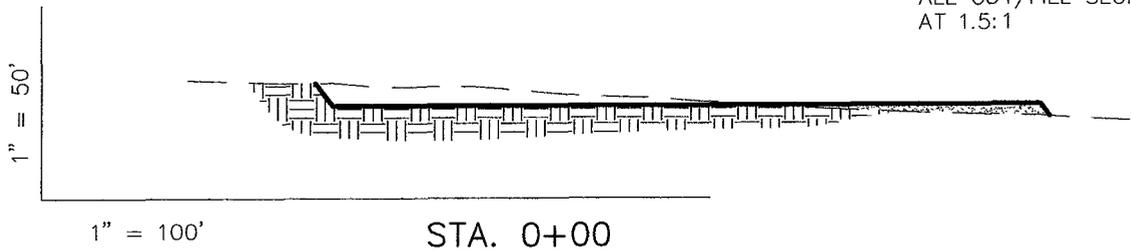
# LIBERTY PIONEER ENERGY SOURCE

## CROSS SECTIONS

STATE 16-42



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1



### REFERENCE POINTS

250' NORTHEASTERLY = 4235.4'  
300' NORTHEASTERLY = 4234.6'  
300' NORTHWESTERLY = 4241.2'  
350' NORTHWESTERLY = 4241.8'

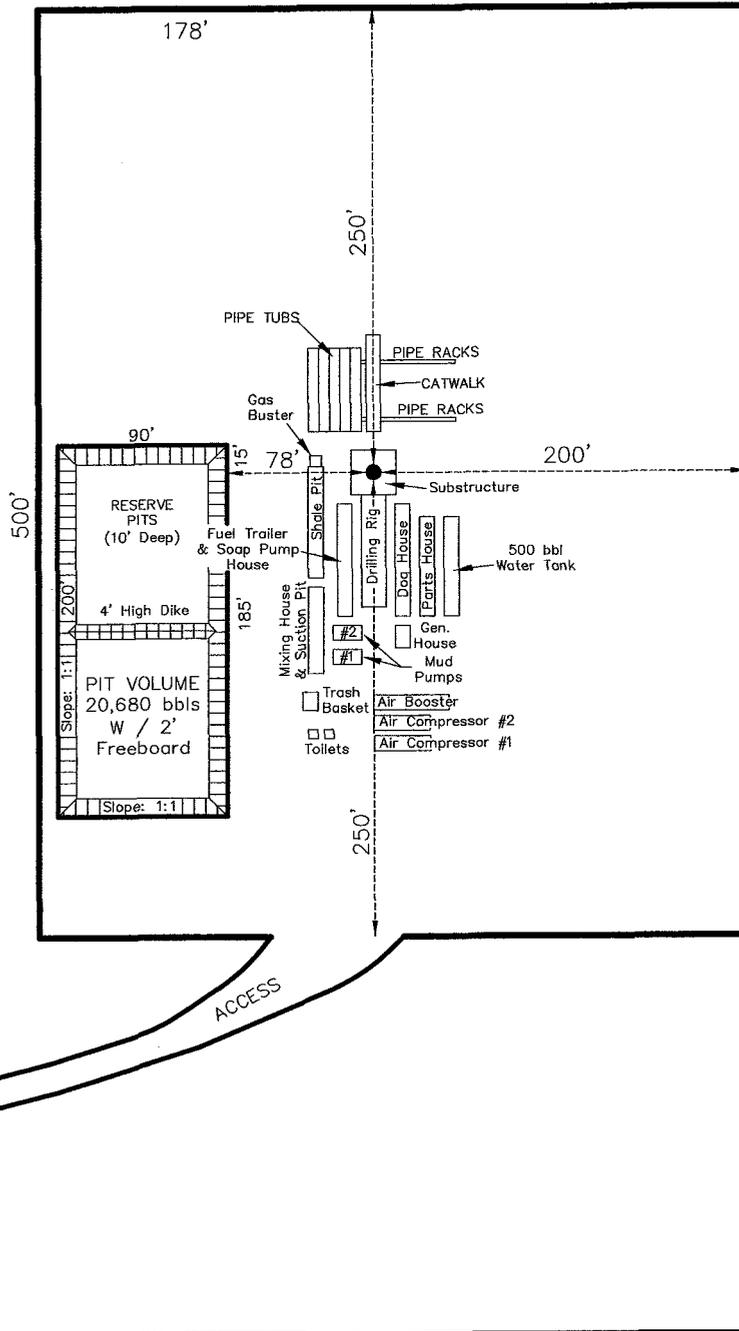
ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)		
CUT	Excess Material	= 9,090
6" Topsoil Stripping = 3,500	Topsoil & Pit Backfill = 9,090	
Remaining Location = 15,990	(Full Pit Volume)	
<b>TOTAL CUT = 19,490</b>	Excess Unbalance = 0	
<b>FILL = 10,400</b>	(After Rehabilitation)	

Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE	Footage Location: 2108' FNL & 559' FEL
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision:	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'	

# LIBERTY PIONEER ENERGY SOURCE

## TYPICAL RIG LAYOUT

STATE 16-42

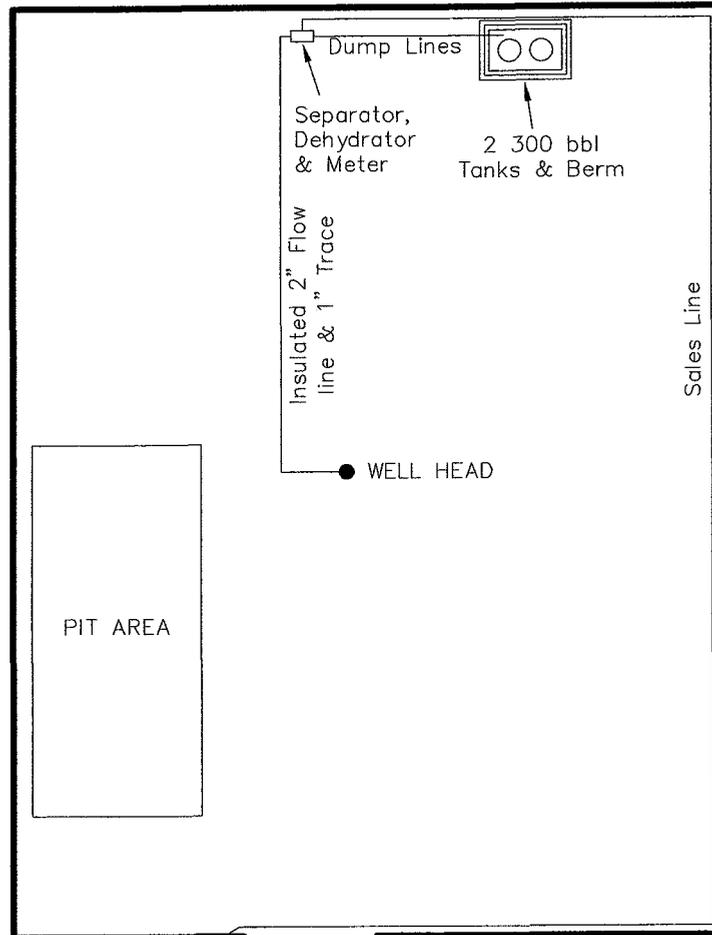


Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE	Footage Location: 2108' FNL & 559' FEL
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision:	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'	

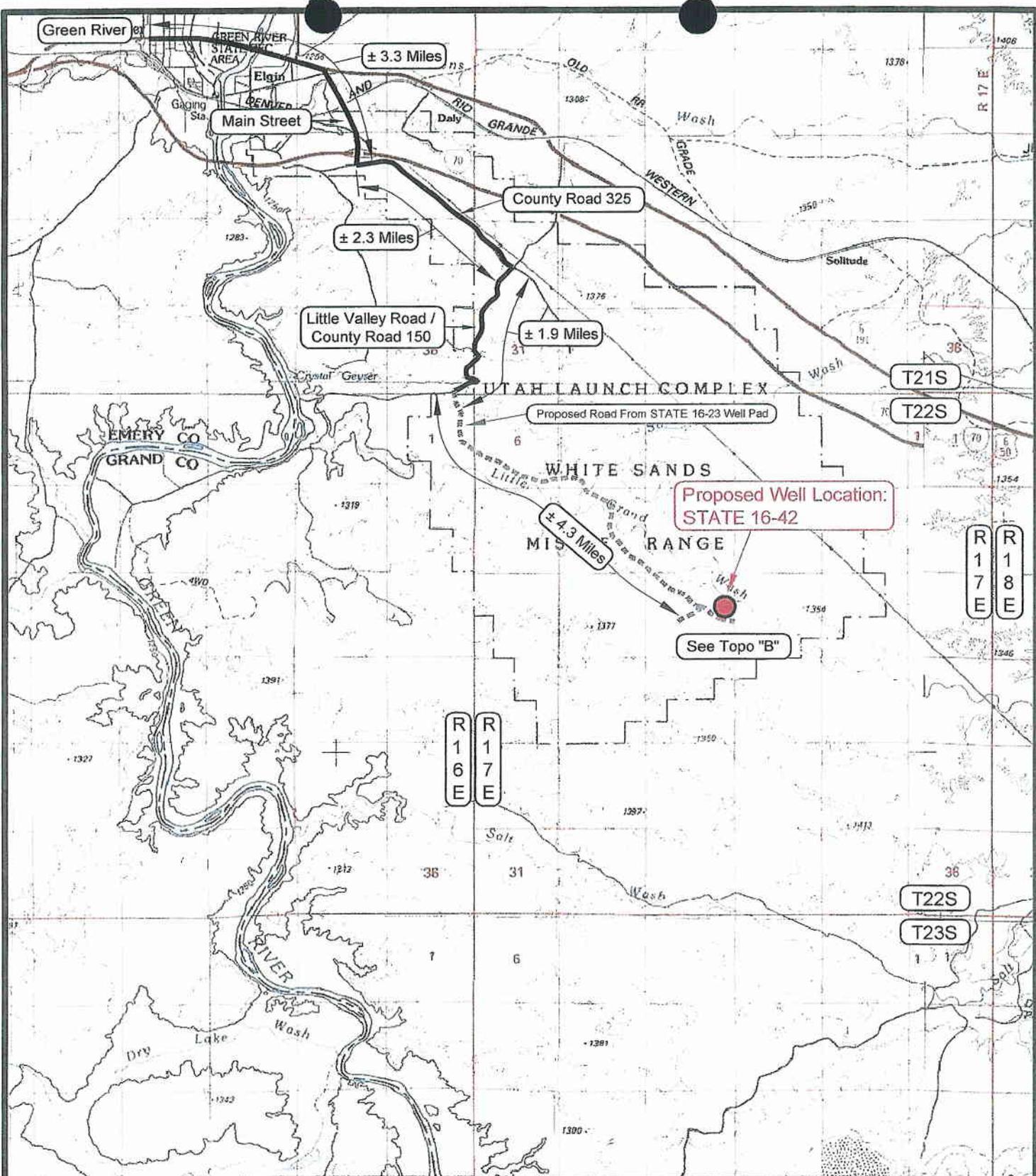
SHEET  
5  
OF 10

# LIBERTY PIONEER ENERGY SOURCE

## TYPICAL PRODUCTION LAYOUT STATE 16-42



Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE	Footage Location: 2108' FNL & 559' FEL
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision:	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'	



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER

**TOPOGRAPHIC MAP "A"**

SCALE: 1:100,000

DRAWN BY: M.W.W.

DATE SURVEYED: 10-21-08

DATE DRAWN: 10-24-08

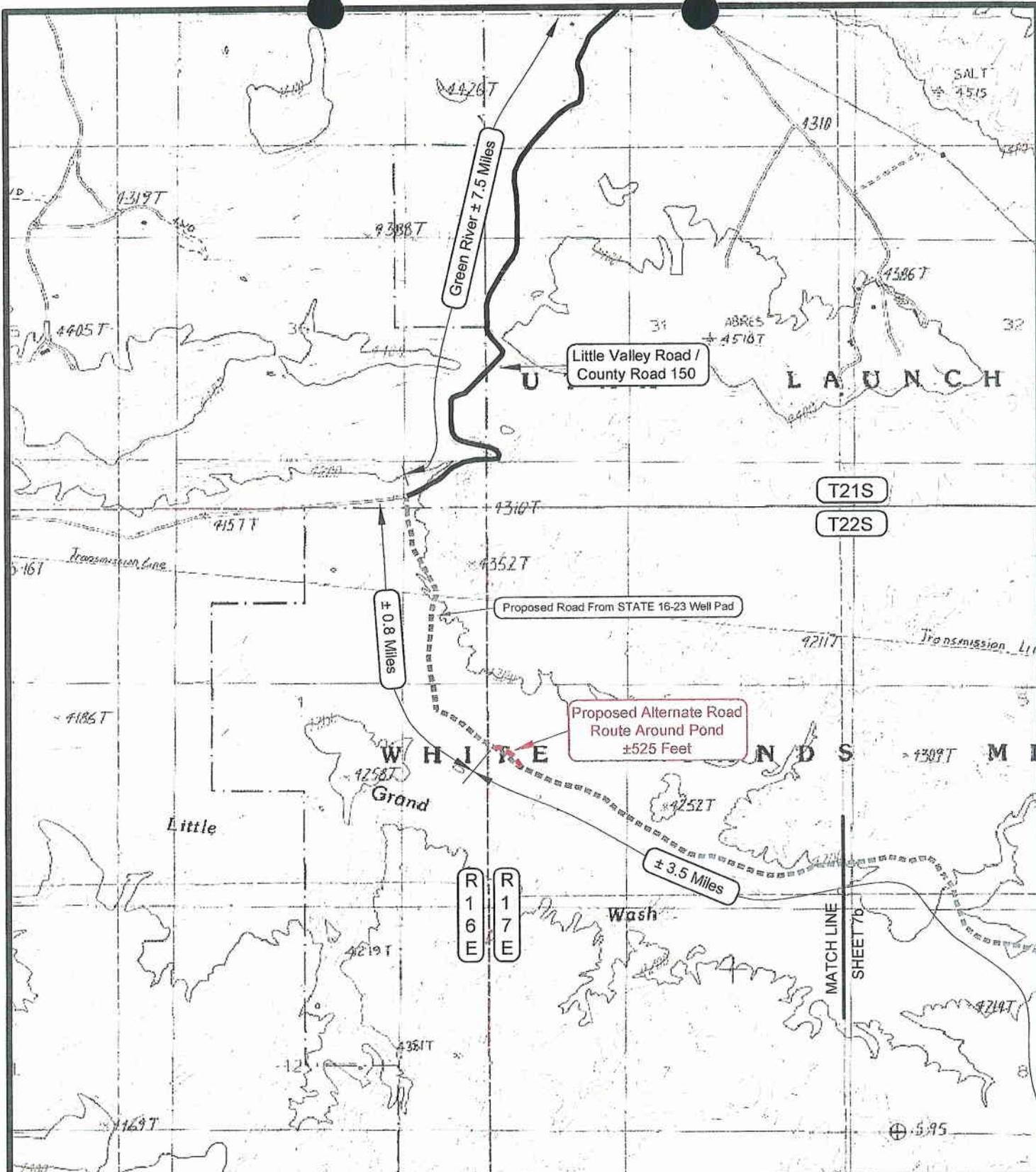
REVISED:

**LIBERTY PIONEER ENERGY SOURCE**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL**

*Timberline* (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
**7**  
 OF 10



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

**TOPOGRAPHIC MAP "B"**

DATE SURVEYED: 10-21-08  
 DATE DRAWN: 10-24-08  
 REVISED:

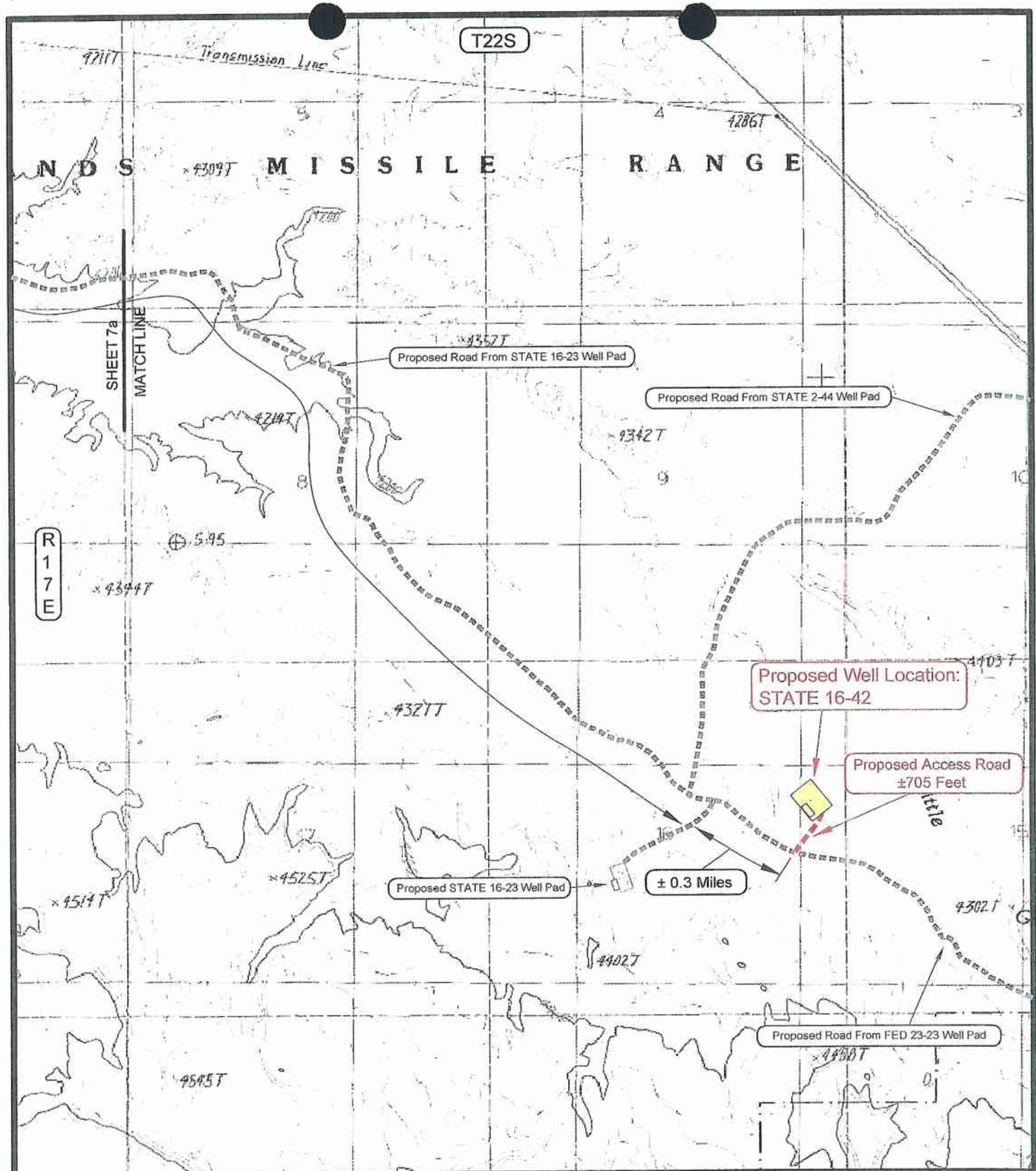
SCALE: 1" = 2000'      DRAWN BY: M.W.W.

**LIBERTY PIONEER ENERGY SOURCE**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL**

*Timberline* (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

**SHEET**  
**8a**  
**OF 10**



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- ==== = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

**TOPOGRAPHIC MAP "B"**

SCALE: 1" = 2000'      DRAWN BY: M.W.W.

DATE SURVEYED: 10-21-08  
 DATE DRAWN: 10-24-08  
 REVISED:

**LIBERTY PIONEER ENERGY SOURCE**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL**

**Timberline**      (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH    VERNAL, UTAH 84078

**SHEET**  
**8b**  
**OF 10**

T22S

R  
1  
7  
E

Proposed Well Location:  
STATE 16-42

1 Mile  
Little

STATE 16-23

Grand

Wash

LEGEND

- ⊘ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊘ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊘ = ABANDONED LOCATION

LIBERTY PIONEER ENERGY SOURCE

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL**

TOPOGRAPHIC MAP "C"

DATE SURVEYED: 10-21-08  
 DATE DRAWN: 10-24-08  
 REVISED:

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

**Timberline**  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 789-1365

SHEET  
**9**  
 OF 10



**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>ML 48144</b>
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</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.			7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	2. NAME OF OPERATOR: <b>Liberty Pioneer Energy Source, Inc.</b>		8. WELL NAME and NUMBER: <b>State 16-23</b>
3. ADDRESS OF OPERATOR: <b>1411 East 840 North</b> CITY <b>Orem</b> STATE <b>UT</b> ZIP <b>84097</b>	PHONE NUMBER: <b>(801) 224-4771</b>	9. API NUMBER: <b>4301931605</b>	
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2,006' FSL &amp; 1,29' FWL,</b>		10. FIELD AND POOL, OR WILDCAT: <b>undesignated</b>	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 16 22S 17E S</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: <b>11/17/2008</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <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/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: <u>Well site relocation &amp; Name Change</u>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____			

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

The State 16-23 well site has been relocated approximately 3,040' northeast following analysis of updated geologic information. The well is also being renamed the State 16-42 and remains on state surface and state minerals. The pad, drilling program and surface use plan remain the same with only the location changing. Updated cultural and paleontological resources clearances are pending at this time and will be submitted when complete.

The new location for the well site is:  
2,108' FNL & 559' FEL, SE/4 NE/4, Section, 16, T22S, R17E, SLB&M

Attached please find an updated Form 3, Exhibit 'A' and 'B' and an updated drilling and surface use plan to replace those previously submitted on September 25, 2008.

CONFIDENTIAL TIGHT HOLE

**CONFIDENTIAL**

**FILE COPY**

NAME (PLEASE PRINT) <u>Don Hamilton</u>	TITLE <u>Agent</u>
SIGNATURE <u>Don Hamilton</u>	DATE <u>11/3/2008</u>

(This space for State use only)

**RECEIVED**  
**NOV 04 2008**

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/04/2008

API NO. ASSIGNED: 43-019-31605

WELL NAME: STATE 16-42  
 OPERATOR: LIBERTY PIONEER ENERGY ( N2855 )  
 CONTACT: DANIEL GUNNELL

PHONE NUMBER: 801-224-4771

PROPOSED LOCATION:  
 SENE 16 220S 170E  
 SURFACE: 2108 FNL 0559 FEL  
 BOTTOM: 2108 FNL 0559 FEL  
 COUNTY: GRAND  
 LATITUDE: 38.89938 LONGITUDE: -110.0425  
 UTM SURF EASTINGS: 583035 NORTHINGS: 4305839  
 FIELD NAME: WILDCAT ( 1 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	12/17/08
Geology		
Surface		

LEASE TYPE: 3 - State  
 LEASE NUMBER: ML 48144  
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: SALT  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[] Ind[] Sta[] Fee[]  
 (No. RLB0012097 )

Potash (Y/N)

Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit  
 (No. 91-5140 )

RDCC Review (Y/N)  
 (Date: 10/15/2008 )

Fee Surf Agreement (Y/N)

Intent to Commingle (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit: \_\_\_\_\_

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: News Press (10-22-08)

STIPULATIONS: As Specified  
2- STATEMENT OF BASIS  
3- Surface Cas Cont Step  
4- Cont Step #3a (9 5/8" intermediate, 1500' MD, Chalk formation)

API Number: 4301931605

Well Name: STATE 16-42

Township 22.0 S Range 17.0 E Section 16

Meridian: SLBM

Operator: LIBERTY PIONEER ENERGY SOU

Map Prepared:  
Map Produced by Diana Mason

- |                 |                           |
|-----------------|---------------------------|
| <b>Units</b>    | <b>Wells Query Events</b> |
| <b>STATUS</b>   | <all other values>        |
| ACTIVE          | <b>GIS_STAT_TYPE</b>      |
| EXPLORATORY     | <Null>                    |
| GAS STORAGE     | APD                       |
| NF PP OIL       | DRL                       |
| NF SECONDARY    | GI                        |
| PI OIL          | GS                        |
| PP GAS          | LA                        |
| PP GEOTHERML    | NEW                       |
| PP OIL          | OPS                       |
| SECONDARY       | PA                        |
| TERMINATED      | PGW                       |
| <b>Fields</b>   | POW                       |
| <b>STATUS</b>   | RET                       |
| ACTIVE          | SGW                       |
| COMBINED        | SOW                       |
| <b>Sections</b> | TA                        |
| Township        | TW                        |
|                 | WD                        |
|                 | WI                        |
|                 | WS                        |

4301931605  
STATE 16-42  
+

T 22 S R 17 E



1:12,000

# Application for Permit to Drill

## Statement of Basis

1/7/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1106	43-019-31605-00-00		GW	S	No
<b>Operator</b>	LIBERTY PIONEER ENERGY SOU	<b>Surface Owner-APD</b>			
<b>Well Name</b>	STATE 16-42	<b>Unit</b>			
<b>Field</b>	WILDCAT	<b>Type of Work</b>			
<b>Location</b>	SENE 16 22S 17E S 2108 FNL 559 FEL GPS Coord (UTM) 583035E 4305839N				

### Geologic Statement of Basis

While significant volumes of high quality ground water are unlikely to be encountered in the bedrock at this location, a small, but locally important, quality ground water resource may be encountered in several permeable Mesozoic aquifers in this area. A thin, poorly to moderately permeable soil is likely to be developed on the Cretaceous-age Cedar Mountain Formation. A small quality water resource may be encountered in permeable Mesozoic sandstones in this area. The proposed casing and cementing program should adequately isolate any zones of fresh water that may be penetrated. No underground water rights have been filed on any area within a mile of the proposed well site.

Chris Kierst  
APD Evaluator

11/13/2008  
Date / Time

### Surface Statement of Basis

On-site evaluation conducted on April 1, 2008. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGGM), Ed Bonner-Trustlands Administration (SITLA), Charlie Harrison-Fidelity E&P, Daniel Gunnell-Liberty Pioneer Energy, Ben Kniola-Moab BLM, Kyle Beagly-Division of Wildlife Resources (DWR), Shay-Timberline

Site appears adequate for the proposed operations. DOGM recommends Liberty Pioneer Energy take precautions to prevent road from breaking up due to wet and powdery conditions. Soft soils near the well entrance require rocking to prevent excessive break up of the road.

In order to accommodate the proposed drilling program a large well pad is being approved for drilling operations. Following the completion of drilling operations well pad shall be reclaimed and re-seeded back to portions required to perform normal production activities.

SITLA requesting that road construction standards on state trust lands remain the same as those required for the BLM ROW.

Bart Kettle  
Onsite Evaluator

10/22/2008  
Date / Time

### Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be reclaimed back following the completion of drilling activities to only those portions required for normal production activities.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** LIBERTY PIONEER ENERGY SOU  
**Well Name** STATE 16-42  
**API Number** 43-019-31605-0      **APD No** 1106      **Field/Unit** WILDCAT  
**Location:** 1/4,1/4 SENE      **Sec** 16      **Tw** 22S      **Rng** 17E      2108 FNL 559 FEL  
**GPS Coord (UTM)**      **Surface Owner**

### Participants

Bart Kettle-Division of Oil, Gas and Mining (DOGGM), Ed Bonner-Trustlands Administration (SITLA), Charlie Harrison-Fidelity E&P, Daniel Gunnell-Liberty Pioneer Energy, Ben Kniola-Moab BLM, Kyle Beagly-Division of Wildlife Resources (DWR), Shay-Timberline

### Regional/Local Setting & Topography

Proposed project site is located roughly 5 miles southeast of the town of Green River, in Grand County Utah. Annual precipitation is 6-8", and vegetation would be described as salt scrub black brush mixed rangelands. Topography immediately adjacent to the well is a series of small sandstone capped bluffs, alternating clay valleys and sand dunes cut by numerous small gullies. Drainage is to the west entering the Green River within eight miles. Drainages in the immediate area are ephemeral in nature, being dry throughout a majority of the year. On a regional setting the project site is located on the western edge of the Cisco Desert, an environment known for it's arid climate, harsh growing conditions and barren landscape.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Wildlfe Habitat

#### **New Road**

Miles	Well Pad	Src Const Material	Surface Formation
4.8	Width 400	Length 500	MNCS

#### **Ancillary Facilities**

### Waste Management Plan Adequate?

### Environmental Parameters

#### **Affected Floodplains and/or Wetland N**

#### **Flora / Fauna**

##### Flora

Grass: Indian rice grass, cheatgrass, curly galleta

Forbs: Desert parsley, purple mustard, halogeton, Cisco wood aster, Princes plum

Shrubs: Mat salt brush, Nuttles salt brush, broom snakeweed, green rubber rabbit brush, Mormon tea, bud sage

Trees: None

Fauna: Resident populations of small lizards and rodents. Periodic use by pronghorn antelope and desert bighorn sheep. Kit fox, coyote potential raptor habitat.

#### **Soil Type and Characteristics**

Gray clays stypical of recently decomposed mancos shale

**Erosion Issues** Y  
Soils prone to wind erosion when disturbed

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N  
No mitigation recommended for erosive soils

**Paleo Survey Run?** N    **Paleo Potential Observed?** N    **Cultural Survey Run?** N    **Cultural Resources?** N

**Reserve Pit**

<b>Site-Specific Factors</b>		<b>Site Ranking</b>
<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Low permeability	0
<b>Fluid Type</b>	Oil Base Mud Fluid	15
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	<10	0
<b>Affected Populations</b>	<10	0
<b>Presence Nearby Utility Conduits</b>	Not Present	0
	<b>Final Score</b>	15 2 <b>Sensitivity Level</b>

**Characteristics / Requirements**

**Closed Loop Mud Required?** N    **Liner Required?** Y    **Liner Thickness** 20    **Pit Underlayment Required?** N

**Other Observations / Comments**

A particularly large pad is being considered for approval. Pad should be reclaimed back to a production size of 200x200

SITLA request notification prior to reclamation efforts.

DWR comments proposed project site is within potential kit fox habitat.

Access route and well pad sitting have been changes since original APD was filed. Updated cover sheet and plats are to follow.

Bart Kettle  
Evaluator

10/22/2008  
Date / Time

Search

# Utah Division of Water Rights



**There are no features in the query area.**

**Click on the back button to try again**

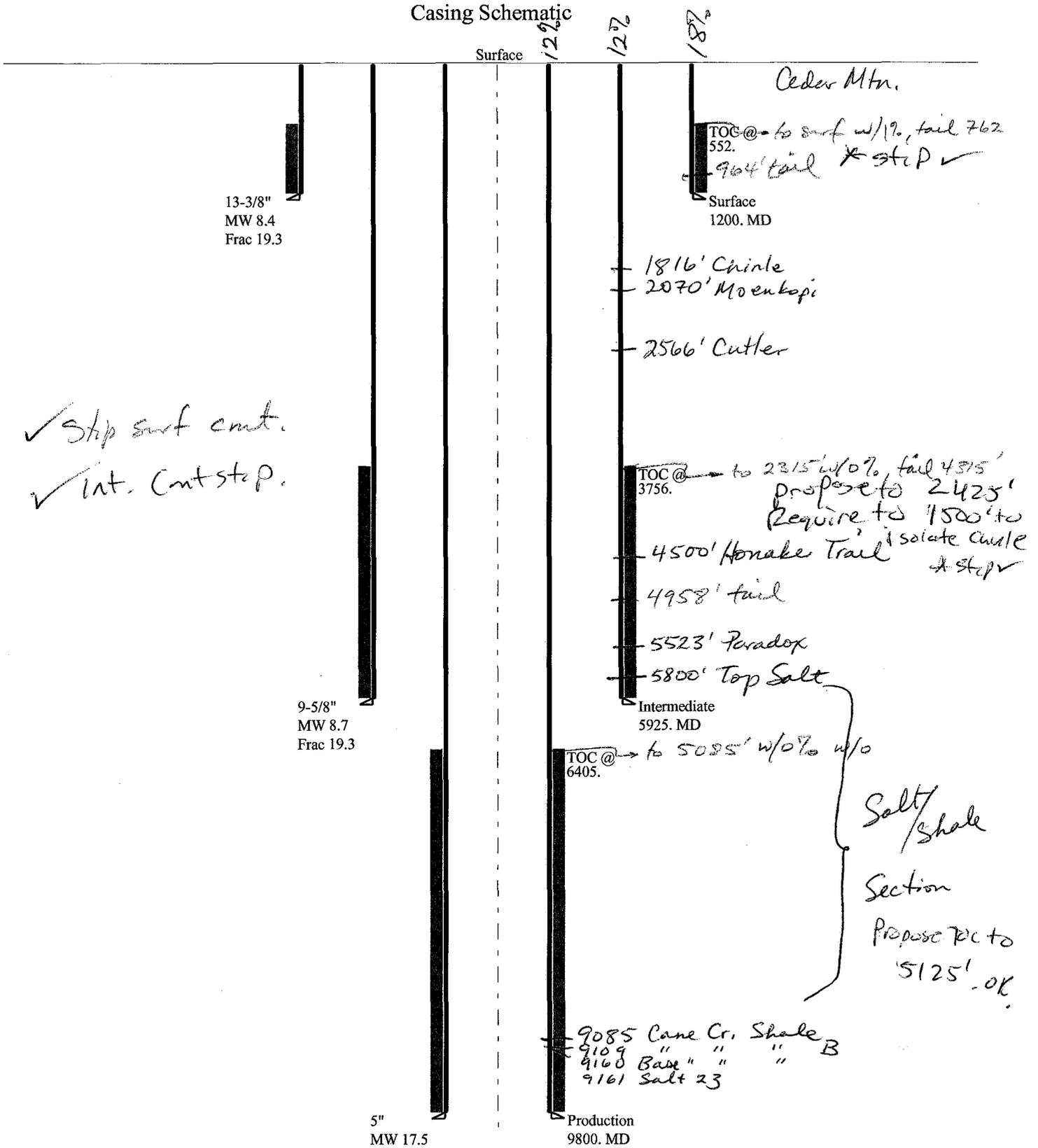
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**back**

**close**

Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240  
[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Casing Schematic



Well name:	<b>4301931605000 Liberty Pioneer ST 16-42</b>	
Operator:	<b>Liberty Pioneer Energy Source, Inc.</b>	
String type:	Surface	Project ID: 43-019-31605-0000
Location:	Grand County	

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 92 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: 551 ft

**Burst**

Max anticipated surface pressure: 1,056 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 1,200 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 1,051 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 5,925 ft  
Next mud weight: 8.700 ppg  
Next setting BHP: 2,678 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,200 ft  
Injection pressure: 1,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1200	13.375	54.50	J-55	ST&C	1200	1200	12.49	1041.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	524	1130	2.158	1200	2730	2.28	57	514	8.97 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: December 10, 2008  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1200 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>4301931605000 Liberty Pioneer ST 16-42</b>	
Operator:	<b>Liberty Pioneer Energy Source, Inc.</b>	Project ID:
String type:	Intermediate	43-019-31605-0000
Location:	Grand County	

<b>Design parameters:</b>	<b>Minimum design factors:</b>	<b>Environment:</b>
<b>Collapse</b>	<b>Collapse:</b>	H2S considered? No
Mud weight: 8.700 ppg	Design factor 1.125	Surface temperature: 75 °F
Design is based on evacuated pipe.		Bottom hole temperature: 158 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 1,500 ft
	<b>Burst:</b>	Cement top: 3,756 ft
	Design factor 1.00	
<b>Burst</b>		
Max anticipated surface pressure: 4,622 psi		
Internal gradient: 0.220 psi/ft	<b>Tension:</b>	<b>Non-directional string.</b>
Calculated BHP 5,925 psi	8 Round STC: 1.80 (J)	
No backup mud specified.	8 Round LTC: 1.80 (J)	
	Buttress: 1.60 (J)	
	Premium: 1.50 (J)	<b>Re subsequent strings:</b>
	Body yield: 1.50 (B)	Next setting depth: 9,800 ft
	Tension is based on buoyed weight.	Next mud weight: 17,500 ppg
	Neutral point: 5,147 ft	Next setting BHP: 8,909 psi
		Fracture mud wt: 19,250 ppg
		Fracture depth: 5,925 ft
		Injection pressure: 5,925 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5925	9.625	53.50	P-110	LT&C	5925	5925	8.5	2354.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2678	7950	2.969	5925	10900	1.84	275	1422	5.16 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 801-538-5357  
FAX: 801-359-3940

Date: December 10, 2008  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 5925 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>4301931605000 Liberty Pioneer ST 16-42</b>	
Operator:	<b>Liberty Pioneer Energy Source, Inc.</b>	Project ID:
String type:	Production	43-019-31605-0000
Location:	Grand County	

**Design parameters:**

**Collapse**

Mud weight: 17.500 ppg  
 Internal fluid density: 2.330 ppg

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 212 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 6,405 ft

**Burst**

Max anticipated surface pressure: 6,753 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 8,909 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

**Non-directional string.**

Tension is based on buoyed weight.  
 Neutral point: 7,192 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
2	5600	5	23.20	N-80	LT&C	5600	5600	3.919	499.5
1	4200	5	23.20	Q-125	LT&C	9800	9800	3.919	374.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	4413	13561	3.073	7985	10810	1.35	167	540	3.24 J
1	7723	21620	2.800	8909	16900	1.90	37	729	19.74 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Minerals

Phone: 801-538-5357  
 FAX: 801-359-3940

Date: December 10, 2008  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 9800 ft, a mud weight of 17.5 ppg. An internal gradient of .121 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

# BOPE REVIEW

Liberty Pioneer State 16-42 43-019-31605-0000

Well Name	Liberty Pioneer State 16-42 43-019-31605-0000		
	String 1	String 2	String 3
Casing Size (")	13 3/8	9 5/8	5
Setting Depth (TVD)	1200	5925	9800
Previous Shoe Setting Depth (TVD)	0	1200	5925
Max Mud Weight (ppg)	8.4	8.7	17.5 ✓
BOPE Proposed (psi)	0	5000	10000
Casing Internal Yield (psi)	2730	10900	16900
Operators Max Anticipated Pressure (psi)	8500		16.7 ppg ✓

Calculations	String 1	13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	524	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	380	NO Diverter head?
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	260	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	260	← NO Reasonable depth - no expected pressures
Required Casing/BOPE Test Pressure		1200 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	2680	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1969	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1377	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1641	← NO ok.
Required Casing/BOPE Test Pressure		5925 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		1200 psi	*Assumes 1psi/ft frac gradient

Calculations	String 3	5 "	
Max BHP [psi]	.052*Setting Depth*MW =	8918	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	7742	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	6762	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	8066	← NO ok.
Required Casing/BOPE Test Pressure		9800 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		5925 psi	*Assumes 1psi/ft frac gradient

**From:** Jim Davis  
**To:** Bonner, Ed; Mason, Diana  
**Date:** 11/19/2008 8:40 AM  
**Subject:** Liberty Pioneer approvals

**CC:** Garrison, LaVonne

The following wells have been approved by SITLA, including arch and paleo clearance.

Liberty Pioneer's State 2-44 [API #4301931604]  
Liberty Pioneer's State 16-42 [API #4301931605]

-Jim

Jim Davis  
Utah Trust Lands Administration  
jimdavis1@utah.gov  
Phone: (801) 538-5156



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
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

December 22, 2008.

Liberty Pioneer Energy Source, Inc.  
1411 East 840 North  
Orem, UT 84097

Re: State 16-42 Well, 2108' FNL, 559' FEL, SE NE, Sec. 16, T. 22 South, R. 17 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.

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 43-019-31605.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Grand County Assessor  
SITLA



Operator: Liberty Pioneer Energy Source, Inc.

Well Name & Number State 16-42

API Number: 43-019-31605

Lease: ML 48144

Location: SE NE                      Sec. 16                      T. 22 South                      R. 17 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 action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at:           (801) 538-5338 office           (801) 942-0871 home
- Carol Daniels at:       (801) 538-5284 office
- Dustin Doucet at:       (801) 538-5281 office           (801) 733-0983 home

#### 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. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
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.
7. Surface casing shall be cemented to the surface.
8. Cement volume for the 9 5/8" intermediate production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1500' MD in order to adequately isolate the Chinle formation.
9. The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review.

CONFIDENTIAL

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: LIBERTY PIONEER ENERGY

Well Name: STATE 16-42

Api No: 43-019-31605 Lease Type: STATE

Section 16 Township 22S Range 17E County GRAND

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

**SPUDED:**

Date 01/12/2009

Time 7:30 PM

How DRY

**Drilling will Commence:** 1/21/2009 – FRONTIER RIG #7

Reported by STEPHANIE MASTERS - FIDELITY

Telephone # CELL (307) 751-0275

Date 01/20/2009 Signed CHD

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48144
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: State 16-42
9. API NUMBER: 4301931605
10. FIELD AND POOL, OR WILDCAT: undesignated
1. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] OTHER [ ]
2. NAME OF OPERATOR: Liberty Pioneer Energy Source, Inc.
3. ADDRESS OF OPERATOR: 1411 East 840 North, Orem, UT 84097
PHONE NUMBER: (801) 224-4771
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2,108' FNL & 559' FEL
COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16 22S 17E S
STATE: UTAH

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, and various actions like ACIDIZE, DEEPEN, REPERFORATE CURRENT FORMATION, etc.

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

Liberty Pioneer Energy Source requests permission to construct and utilize a 30' X 30' X 10' deep cuttings pit for the future drilling of the State 16-42 well. The cuttings pit will facilitate the use of closed-loop drilling.

Attached please find an updated Cut Sheet reflecting the location of the cuttings pit.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-21-09
By: [Signature]

NAME (PLEASE PRINT) Don Hamilton TITLE Agent
SIGNATURE Don Hamilton DATE 12/30/2008

(This space for State use only)

COPY SENT TO OPERATOR

Date: 1-21-2009
Initials: KS

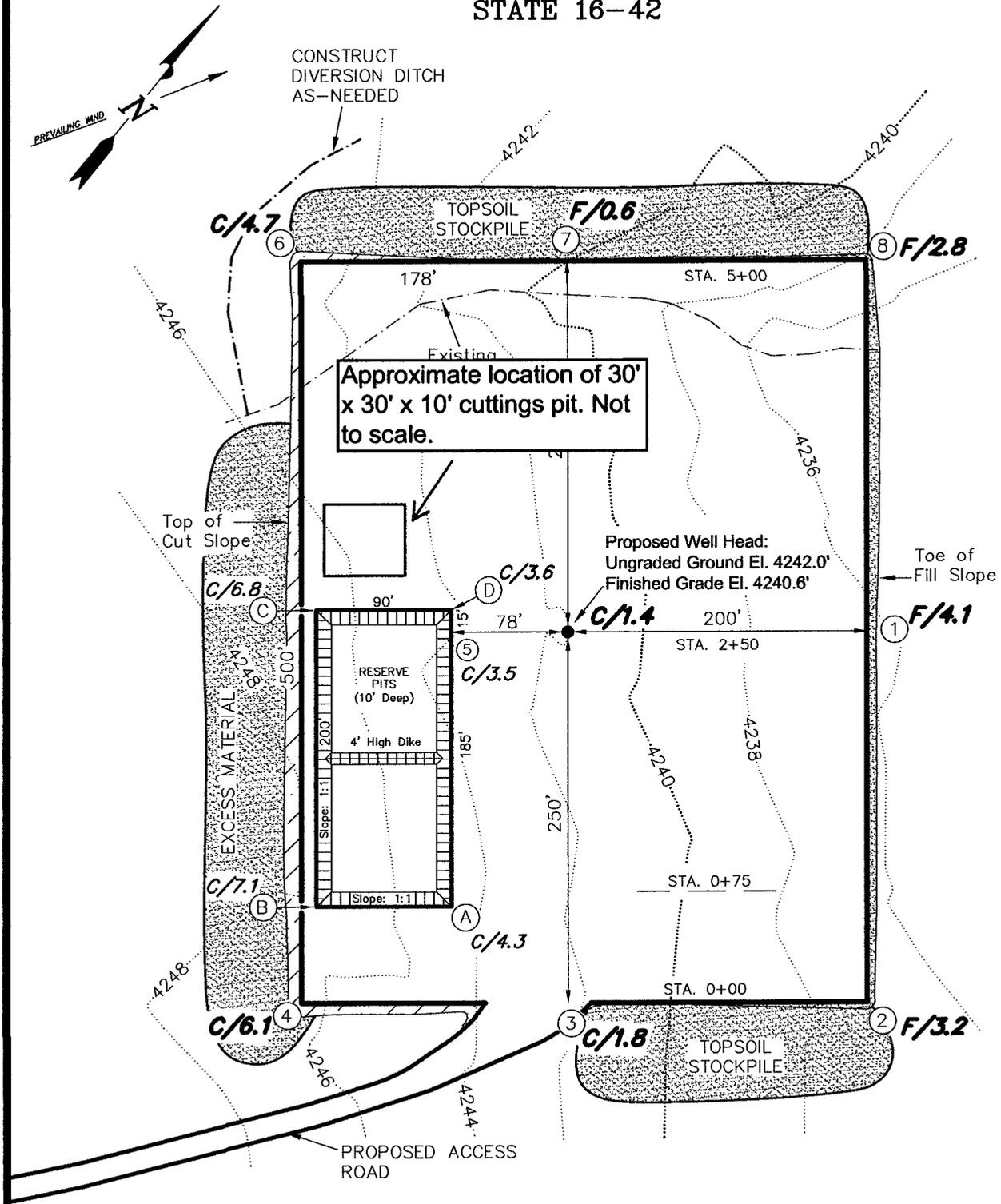
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JAN 12 2009

DIV. OF OIL, GAS & MINING

# LIBERTY PIONEER ENERGY SOURCE

## CUT SHEET STATE 16-42



Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE	Footage Location: 2108' FNL & 559' FEL
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision:	<b>Timberline</b> (435) 789-1365
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'	<b>Engineering &amp; Land Surveying, Inc.</b> 38 WEST 100 NORTH VERNAL, UTAH 84078
			<b>SHEET 3 OF 10</b>

**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: **1/15/2009**

<b>FROM: (Old Operator):</b> N2855-Liberty Pioneer Energy Source, Inc. 1411 E 840 N Orem, UT 84097  Phone: 1 (801) 224-4771	<b>TO: (New Operator):</b> N3155-Fidelity E&P Company 1700 Lincoln St, Suite 2800 Denver, CO 80203  Phone: 1 (720) 931-9637
--	--

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
STATE 16-42	16	220S	170E	4301931605	99999	State	GW	DRL	C

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator c 1/20/2009
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/20/2009
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/21/2009
- Is the new operator registered in the State of Utah:            Business Number: 4917099-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on:
- 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 n/a BIA n/a
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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:**

- Changes entered in the **Oil and Gas Database** on: 1/20/2009
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/20/2009
- Bond information entered in RBDMS on: 1/20/2009
- Fee/State wells attached to bond in RBDMS on: 1/20/2009
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 1/20/2009

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 190017646
- The **FORMER** operator has requested a release of liability from their bond o n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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

**COMMENTS:**

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 lateral wells. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48144
2. NAME OF OPERATOR: Liberty Pioneer Energy Source, Inc. <i>N2855</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1411 East 840 North CITY <i>Orem</i> STATE <i>UT</i> ZIP <i>84097</i>		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2,108' FNL & 559' FEL		8. WELL NAME and NUMBER: State 16-42
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 13 2S 17E S		9. API NUMBER: 4301931605
COUNTY: Grand		10. FIELD AND POOL, OR WILDCAT: undesignated
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>January 15, 2009</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 PLAN	<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, depth, volumes, etc.  
Effective January 15, 2009 Liberty Pioneer Energy Source, Inc. resigned as Operator of the referenced well and requests that the operator be designated and the referenced API transferred from Liberty Pioneer Energy Source to successor operator Fidelity Exploration & Production Company.

Fidelity Exploration & Production Company will operate the well under the approved conditions and submitted APD utilizing Utah Blanket Bond Number 1900 7646.

Liberty Pioneer Energy Source, Inc.  
*[Signature]*  
Daniel R. Gunnell - President

*N3155*  
Fidelity E+P Co  
1700 Lincoln St Ste 2800  
Denver Co 80203  
720-931-9637

NAME (PLEASE PRINT) <u>Marvin E. Rygh</u>	TITLE <u>Vice President - Southern Rockies</u>
SIGNATURE <i>Marvin E. Rygh</i>	DATE <u>January 12, 2009</u>

(This space for State use only)

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JAN 20 2009  
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 AFD transfer)

Well name:	State 16-42
API number:	431931605
Location:	Q. 42r. SENE Section: 16 Township: 22S Range: 17E
Company that filed original application:	Liberty Pioneer Energy Source, Inc.
Date original permit was issued:	December 22, 2008
Company that permit was issued to:	Liberty Pioneer Energy Source, Inc.

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 operator</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?		<input checked="" 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?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements in place that could affect the permitting or operation of this proposed well?		<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 checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<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 checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____	<input checked="" 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) Marvin E. Rygh Title Vice President - Southern Rockies  
Signature *Marvin E. Rygh* Date January 22, 2009  
Representing (company name) Fidelity Exploration & Production Co.

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.

(3/2004)

**RECEIVED**  
**JAN 20 2009**  
DIV. OF OIL, GAS & MINING

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

FORM 6

**ENTITY ACTION FORM**

Operator: Fidelity Exploration and Production Company Operator Account Number: N 3155  
 Address: 2585 Heartland Drive  
city Sheridan  
state WY zip 82801 Phone Number: (307) 675-4924

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931605	State 16-42		SENE	16	22S	17E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17278	1/12/2009			2/10/09	
Comments: <u>SALT</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)

Stephanie Masters

Name (Please Print)

Signature

Operations Technician III

Title

Date

1-20-09

(5/2000)

**RECEIVED**  
**FEB 02 2009**

DIV. OF OIL, GAS & MINING

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48144
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: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2108' FNL & 559' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16 22S 17E		8. WELL NAME and NUMBER: State 16-42
PHONE NUMBER: (307) 675-4924		9. API NUMBER: 4301931605
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Wildcat

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>2/25/2009</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 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 checked="" type="checkbox"/> OTHER: <u>Casing &amp; Cement Program</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.

Please see attached a detailed write up on casing and cement program as previously discussed with Eric Kolstad.

**CONFIDENTIAL**

COPY SENT TO OPERATOR

Date: 3.4.2009

Initials: JCS

NAME (PLEASE PRINT) Stephanie Masters

TITLE Operations Technician III

SIGNATURE 

DATE 2/25/2009

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2/25/09  
BY: Justin [Signature] (See Instructions on Reverse Side)

**RECEIVED**

**FEB 25 2009**

DIV. OF OIL, GAS & MINING  
Amends Feb 3, 2009 Sundry

State 16-42  
API 43-019-31605

Attachment for Sundry Notice

State 16-42 well  
API No. 43-019-31605

Fidelity Exploration & Production Co. Operator

Proposed Casing and Cementing Program:

Date: January 22, 2009.

**Surface hole and casing:**

17-1/2" hole - 13 3/8", 68 #/ft, J-55, BTC, R3, New casing set to 1500 ft MD.

DV tool at 750 ft MD, Shoe at 1500 ft MD.

**Surface Cement Program:**

1 st Stage thru shoe – Lead cement 100 sx – San Juan PRB II, with additives, with a yield of 3.482 cuft/sx and slurry weight of 11 ppg, then followed with a tail of 390 sx. – San Juan PRB II with additives and with a yield of 1.798 cuft/ sx and slurry weight of 13.5 ppg.

2<sup>nd</sup> stage – thru DV tool at 750 ft MD – Lead cement – 275 sx – San Juan PRB II with additives and with a yield of 3.482 cuft/sx and slurry weight of 11 ppg, then followed with a tail of 50 sx – San Juan PRB II with additives with a yield of 1.798 cuft/sx and slurry weight of 13.5 ppg.

Total cement of 815 sacks on surface casing with a calculated fill of 1500 ft.

**Intermediate hole and casing:**

12-1/4" hole – 9-5/8", 53.3 #/ft, P-110, LT&C, R3, New casing set to 7215 ft. MD.

Shoe at 7215 ft. MD

**Intermediate Cement Program:**

~~Cement thru shoe at 7215 ft. MD with 400 sx. – Premium Class G cement with additives, with a yield of 1.182 cuft/sx and a slurry weight of 15.8 ppg. Calculated fill is 1000 ft.~~

*Amended by Haliburton Multiple String Cement Recommendation Dec 0*

**Production hole and casing:**

8-1/2" x 9-7/8" bicenter bit drilling a 9-7/8" hole.

7", 35 #/ft, P110, LT&C, R3, new casing from 0 to 7500 ft MD.

7", 52.97 #/ft, Q125, Ultra Flush Joint, R3, New casing from 7500' to 10,400 ftMD. or (TD).

Shoe at 10,400 ft MD or TD.

**Production Casing Cement Program:**

Cement thru shoe with 900 sx. Elasticem cement system with additives, with a yield of 1.254 cuft/sx and a slurry weight of 15.5 ppg.

Calculated fill is 3400 ft.

**Fidelity Exploration & Production Co.**

Well Name: State 16-42  
 API #: 43-019-31605

**Surface Casing**

Size 13-3/8 in  
 Set at 1500 ft  
 Wt. 68 ppf Grade J55  
 Hole Size 17-1/2 in  
 Est. T.O.C. surf ft

New  
 Used

DV@750

Csg Shoe @ 1500 ft

**Cement**

1 Stage : Lead-100 sx cmt-Yield 3.4,Wt 11  
Tail -390 sx cmt-Yield 1.798, Wt 13.5  
 2nd stage : Lead 275 sx cmt-Yield 3.4, Wt. 11  
tail -50 sx cmt, Yield 1.79, Wt. 13.5 ppg  
 Note : \_\_\_\_\_

**Intermediate Casing**

Size 9-5/8" in  
53.3 ppf Grade P110 from 0 to 7215 ft  
 Wt. \_\_\_\_\_ ppf Grade \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft  
 Hole Size 12-1/4" in  
 Est. T.O.C. 6215 ft

New  
 Used

Csg Shoe @ 7215 ft

**Cement**

Lead : 400 sx.Prem Class G  
Yield 1.182 cuft/sx , Wt. 15.8 ppg  
 Tail : \_\_\_\_\_  
 Note : \_\_\_\_\_

**Production Casing**

Size 7" in  
 Wt. 35 ppf Grade P110 from 0 to 7500 ft  
 Wt. 52.97 ppf Grade Q125 from 7500 to 10400 ft  
 Hole Size 9-7/8" in  
 Est. T.O.C. 7000 ft

New  
 Used

Csg Shoe @ 10400 ft

**Cement**

Lead : 900 sx Elasticem cement  
Yield 1.254 cuft/sx, Wt. 15.5 ppg  
 Tail : \_\_\_\_\_  
 Note : \_\_\_\_\_

TD @ 10,400 ft

**HALLIBURTON**

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

State 16-42

Grand County, Utah  
United States of America  
S:16 T:22S R:17E

## **Multiple String Cement Recommendation**

Prepared for: Mr. Eric Kolstad

February 11, 2009  
Version: 185110-4

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

**HALLIBURTON**

**CONFIDENTIAL**

*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:	Farmington, NM
SERVICE COORDINATORS:	Steve Stromberg Justin Kiddoo
CEMENTING ENGINEERS:	Jeff Bergman Justin Dawson
SALES REPRESENTATIVE:	Randy Snyder
PHONE NUMBER:	505-324-3500

## 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.

# HALLIBURTON

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## Job Information

## Intermediate Casing

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Well Name: State	Well #: 16-42
13 3/8" Surface Casing	0 - 1500 ft (MD)
Outer Diameter	13.375 in
Inner Diameter	12.615 in
Linear Weight	54.500 lbm/ft
12 1/4" Intermediate Openhole	1500 - 6715 ft (MD)
Inner Diameter	12.250 in
Job Excess	20 %
12 1/4" Intermediate Open Hole	6715 - 7215 ft (MD)
Inner Diameter	12.250 in
Job Excess	50 %
9 5/8" Intermediate Casing	0 - 7215 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.681 in
Linear Weight	47 lbm/ft
Multiple Stage Cementer	4900 ft (MD)
Mud Type	Water Based Mud
Mud Weight	8.500 lbm/gal

## Calculations

## Intermediate Casing

### Stage 1

#### Spacer:

$$\begin{aligned} 598.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 20 \% &= 224.74 \text{ ft}^3 \\ \text{Total Spacer} &= 224.58 \text{ ft}^3 \\ &= 40.00 \text{ bbl} \end{aligned}$$

#### Cement : (1815.00 ft fill)

$$\begin{aligned} 1815.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 20 \% &= 682.12 \text{ ft}^3 \\ \text{Total First Stage Lead Cement} &= 682.12 \text{ ft}^3 \\ &= 121.49 \text{ bbl} \\ \text{Sacks of Cement} &= 273 \text{ sks} \end{aligned}$$

#### Cement : (500.00 ft fill)

$$\begin{aligned} 500.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 50 \% &= 234.89 \text{ ft}^3 \\ \text{First Stage Tail Cement} &= 234.89 \text{ ft}^3 \\ &= 41.84 \text{ bbl} \end{aligned}$$

#### Shoe Joint Volume: (0.00 ft fill)

$$\begin{aligned} 0.00 \text{ ft} * 0.411 \text{ ft}^3/\text{ft} &= 0.00 \text{ ft}^3 \\ &= 0.00 \text{ bbl} \\ \text{Tail plus shoe joint} &= 234.89 \text{ ft}^3 \\ &= 41.84 \text{ bbl} \\ \text{Total Tail} &= 199 \text{ sks} \end{aligned}$$

#### Total Pipe Capacity:

$$\begin{aligned} 7215.00 \text{ ft} * 0.411 \text{ ft}^3/\text{ft} &= 2965.54 \text{ ft}^3 \\ &= 528.18 \text{ bbl} \end{aligned}$$

#### Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 528.18 \text{ bbl} - 0.00 \text{ bbl} \\ &= 528.18 \text{ bbl} \end{aligned}$$

### Stage 2

#### Spacer:

$$\begin{aligned} 598.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 20 \% &= 224.74 \text{ ft}^3 \\ \text{Total Spacer} &= 224.58 \text{ ft}^3 \\ &= 40.00 \text{ bbl} \end{aligned}$$

#### Cement : (2094.00 ft fill)

$$\begin{aligned} 2094.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 20 \% &= 786.98 \text{ ft}^3 \\ \text{Total Second Stage Lead Cement} &= 786.98 \text{ ft}^3 \\ &= 140.17 \text{ bbl} \\ \text{Sacks of Cement} &= 316 \text{ sks} \end{aligned}$$

#### Cement : (306.00 ft fill)

$$\begin{aligned} 306.00 \text{ ft} * 0.3132 \text{ ft}^3/\text{ft} * 20 \% &= 115.00 \text{ ft}^3 \\ \text{Second Stage Tail Cement} &= 115.00 \text{ ft}^3 \\ &= 20.48 \text{ bbl} \end{aligned}$$

#### Shoe Joint Volume: (0.00 ft fill)

$$0.00 \text{ ft} * 0.411 \text{ ft}^3/\text{ft} = 0.00 \text{ ft}^3$$

# HALLIBURTON

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	= 0.00 bbl
Tail plus shoe joint	= 115.00 ft <sup>3</sup>
	= 20.48 bbl
Total Tail	= 100 sks
Total Pipe Capacity:	
4900.00 ft * 0.411 ft <sup>3</sup> /ft	= 2014.02 ft <sup>3</sup>
	= 358.71 bbl
Displacement Volume to Shoe Joint:	
Capacity of Pipe - Shoe Joint	= 358.71 bbl - 0.00 bbl
	= 358.71 bbl

## Job Recommendation

## Intermediate Casing

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### Fluid Instructions

#### Stage 1

Fluid 1: Water Spacer

TUNED SPACER

149 lbm/bbl Barite (Heavy Weight Additive)

Fluid Density: 11.500 lbm/gal

Fluid Volume: 40 bbl

Fluid 2: First Stage Lead Cement

Halliburton Light Premium

18 % Salt (Salt)

8 % (Total) Bentonite (Light Weight Additive)

0.2 % HR-5 (Retarder)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12 lbm/gal

Slurry Yield: 2.495 ft<sup>3</sup>/sk

Total Mixing Fluid: 13.429 Gal/sk

Top of Fluid: 4900 ft

Calculated Fill: 1815 ft

Volume: 121.491 bbl

Calculated Sacks: 273.396 sks

Proposed Sacks: 275 sks

Fluid 3: First Stage Tail Cement

Premium Cement

94 lbm/sk Premium Cement (Cement)

0.3 % Halad(R)-413 (Low Fluid Loss Control)

0.3 % Super CBL (Gas Migration Control)

0.5 % HR-5 (Retarder)

6 % Salt (Salt)

0.3 % D-AIR 3000 (Defoamer)

0.3 % Halad(R)-344 (Low Fluid Loss Control)

0.1 % Versaset (Thixotropic Additive)

Fluid Weight 15.800 lbm/gal

Slurry Yield: 1.182 ft<sup>3</sup>/sk

Total Mixing Fluid: 4.988 Gal/sk

Top of Fluid: 6715 ft

Calculated Fill: 500 ft

Volume: 41.836 bbl

Calculated Sacks: 198.723 sks

Proposed Sacks: 200 sks

Fluid 4: Water Spacer

Water Displacement

Fluid Density: 8.340 lbm/gal

Fluid Volume: 528.183 bbl

Multiple Stage Cementer

4900 ft (MD)

# HALLIBURTON

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## Stage 2

Fluid 1: Water Based Spacer  
MUD FLUSH

Fluid Density: 8.400 lbm/gal  
Fluid Volume: 40 bbl

## Fluid 2: Second Stage Lead Cement

Halliburton Light Premium  
18 % Salt (Salt)  
8 % (Total) Bentonite (Light Weight Additive)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12 lbm/gal  
Slurry Yield: 2.493 ft<sup>3</sup>/sk  
Total Mixing Fluid: 13.430 Gal/sk  
Top of Fluid: 2500 ft  
Calculated Fill: 2094 ft  
Volume: 140.167 bbl  
Calculated Sacks: 315.676 sks  
Proposed Sacks: 320 sks

## Fluid 3: Second Stage Tail Cement

Premium Cement  
94 lbm/sk Premium Cement (Cement)  
0.3 % Halad(R)-344 (Low Fluid Loss Control)  
0.2 % HR-5 (Retarder)  
0.3 % CFR-3 (Dispersant)

Fluid Weight 15.800 lbm/gal  
Slurry Yield: 1.150 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.941 Gal/sk  
Top of Fluid: 4594 ft  
Calculated Fill: 306 ft  
Volume: 20.482 bbl  
Calculated Sacks: 100 sks  
Proposed Sacks: 100 sks

Fluid 4: Water Spacer  
Water Displacement

Fluid Density: 8.340 lbm/gal  
Fluid Volume: 358.711 bbl

**Detailed Pumping Schedule**

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
<b>Stage 1</b>					
1	Spacer	TUNED SPACER	11.5		40 bbl
2	Cement	HLC Premium	12.0		275 sks
3	Cement	Premium Cement	15.8		200 sks
4	Spacer	Water Displacement	8.3		528.183 bbl
<b>Stage 2</b>					
1	Spacer	MUD FLUSH	8.4		40 bbl
2	Cement	HLC Premium	12.0		320 sks
3	Cement	Premium Cement	15.8		100 sks
4	Spacer	Water Displacement	8.3		358.711 bbl

## Job Information

## Production Casing

---

Well Name: State	Well #: 16-42
9 5/8" Intermediate Casing	0 - 7215 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.681 in
Linear Weight	47 lbm/ft
8 1/2" Production Openhole	7215 - 10400 ft (MD)
Inner Diameter	9.875 in
Job Excess	30 %
7" Production Casing	0 - 10400 ft (MD)
Outer Diameter	7.000 in
Inner Diameter	5.661 in
Linear Weight	46 lbm/ft
Mud Type	Oil Based
Mud Weight	14.500 lbm/gal

## Calculations

## Production Casing

---

### Spacer:

$$\begin{aligned} 1562.00 \text{ ft} * 0.1438 \text{ ft}^3/\text{ft} * 0 \% &= 224.57 \text{ ft}^3 \\ \text{Total Spacer} &= 224.58 \text{ ft}^3 \\ &= 40.00 \text{ bbl} \end{aligned}$$

### Cement : (3400.00 ft fill)

$$\begin{aligned} 215.00 \text{ ft} * 0.1438 \text{ ft}^3/\text{ft} * 0 \% &= 30.91 \text{ ft}^3 \\ 3185.00 \text{ ft} * 0.2646 \text{ ft}^3/\text{ft} * 30 \% &= 1095.62 \text{ ft}^3 \\ \text{Primary Cement} &= 1126.54 \text{ ft}^3 \\ &= 200.64 \text{ bbl} \end{aligned}$$

### Shoe Joint Volume: (0.00 ft fill)

$$\begin{aligned} 0.00 \text{ ft} * 0.1748 \text{ ft}^3/\text{ft} &= 0.00 \text{ ft}^3 \\ &= 0.00 \text{ bbl} \\ \text{Tail plus shoe joint} &= 1126.54 \text{ ft}^3 \\ &= 200.64 \text{ bbl} \\ \text{Total Tail} &= 903 \text{ sks} \end{aligned}$$

### Total Pipe Capacity:

$$\begin{aligned} 10400.00 \text{ ft} * 0.1748 \text{ ft}^3/\text{ft} &= 1817.80 \text{ ft}^3 \\ &= 323.76 \text{ bbl} \end{aligned}$$

### Displacement Volume to Shoe Joint:

$$\begin{aligned} \text{Capacity of Pipe - Shoe Joint} &= 323.76 \text{ bbl} - 0.00 \text{ bbl} \\ &= 323.76 \text{ bbl} \end{aligned}$$

## Job Recommendation

## Production Casing

---

### Fluid Instructions

Fluid 1: Water Based Spacer

#### TUNED SPACER

0.7 gal/bbl Musol(R) A (Mutual Solvent)  
0.4 gal/bbl Dual Spacer Surfactant B (Surfactant)  
349 lbm/bbl Barite (Heavy Weight Additive)

Fluid Density: 15 lbm/gal  
Fluid Volume: 40 bbl

Fluid 2: Primary Cement

#### ELASTICEM™ SYSTEM

0.5 % HR-5 (Retarder)

Fluid Weight 15.500 lbm/gal  
Slurry Yield: 1.247 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.655 Gal/sk  
Top of Fluid: 7000 ft  
Calculated Fill: 3400 ft  
Volume: 200.644 bbl  
Calculated Sacks: 903.396 sks  
Proposed Sacks: 905 sks

Fluid 3: Water Spacer

Water Displacement

Fluid Density: 8.340 lbm/gal  
Fluid Volume: 323.764 bbl

**Detailed Pumping Schedule**

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	TUNED SPACER	15.0		40 bbl
2	Cement	ElastiCem™	15.5		905 sks
3	Spacer	Water Displacement	8.3		323.764 bbl

**From:** Eric Kolstad <EKolstad@newtecheng.com>  
**To:** Dustin Doucet <dustindoucet@utah.gov>  
**Date:** 2/11/2009 2:06 PM  
**Subject:** RE: Revised Geologic Prog for Fidelity State 16-42 Well

**CC:** "Dunham, Harvey" <Harvey.Dunham@fidelityepco.com>, "stephanie.masters@fi...  
Dustin,

Thank you for the follow up. I will discuss with Fidelity and follow up with you regarding our plans.

Eric

-----Original Message-----

From: Dustin Doucet [mailto:dustindoucet@utah.gov]  
Sent: Monday, February 09, 2009 5:26 PM  
To: Eric Kolstad  
Subject: Re: Revised Geologic Prog for Fidelity State 16-42 Well

Eric,

In looking at the revised prog and per our discussions earlier, I believe we still need to protect definitely the Cutler and the water zone @ ~ 3400' and think it would be wise to try and protect the Chinle formation as well. Just south of this area, the Chinle is rich in Uranium. Although this may be a little deep and a little far north, it is probably necessary to isolate. So, I think cement should be brought up to 2500' at a minimum. If you are looking at doing a two stage job via a DV tool, then I probably would be o.k. with you pumping the 1st stage as proposed (TOC @ 6200' minimum) and then placing the DV tool around 4900' bringing cement up to 2500' minimum to isolate the water flow and at the same time the Chinle formation. If you want to discuss, give me a call or email. Please send your updated plan once you have settled on a plan. Thanks.

Dustin

Dustin K. Doucet  
Petroleum Engineer  
Utah Division of Oil, Gas and Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84116

Phone: (801) 538-5281  
fax: (801) 359-3940  
email: dustindoucet@utah.gov

>>> Eric Kolstad <EKolstad@newtecheng.com> 2/9/2009 11:33 AM >>>  
Mr. Doucet,

Per our conversation this morning, attached is the geologic prog that we used to develop the casing program for the subject well that was submitted to you. I believe that this will at least get us talking about the same data now. I will give you a call this afternoon to discuss further.

Thank you,

Eric Kolstad, P.E.

# Fidelity Exploration & Production Co.

## Well Prognosis

Well Type: \_\_\_ Dev. \_\_\_ OSWC  WC Date: 11-5-08 (Revised)  
Operator: Fidelity Exploration & Production Co. Prepared By: Bob Flook & Dave List  
Field: Wildcat API #: 430190000

Well Name: State #16-42

**TIGHT HOLE**

### Surface Location

Footage: 2108' FNL & 559' FEL (SENE) Section: 16 Township: 22S Range: 17E  
County: Grand State: Utah  
(NAD27) Latitude: 38.8994240 Longitude: -110.0424974

Fidelity Interest: 100% GWI % NRI

Lease Owner: \_\_\_ Federal  State \_\_\_ Fee

Is this a legal location  Yes \_\_\_ No

Elevation: 4241' GL (surveyed) 4256' KB (est.) Total Depth: 10,400'

### Key Offset Wells:

Name / Location: Shell Oil Federal #1-26 (NE Offset 23,781')  
Comments: DST Sh #1 (SIP 2126# & 19 Bbls. GCM) Plugged 3-12-1969  
Name / Location: Superior Oil Unit #22-34 (SW Offset 15,958')  
Comments: DST Hermosa (SIP 300# & 20' GCM) P&A 9-4-1958

### Daily Drilling Reports Instructions:

New Tech Engineering's office will e-mail daily drilling reports by 9:00 AM to the following:

#### **Fidelity:**

- 1) Marv Rygh: [Marv.Rygh@fidelityepco.com](mailto:Marv.Rygh@fidelityepco.com)
- 2) Harvey Dunham: [Harvey.Dunham@fidelityepco.com](mailto:Harvey.Dunham@fidelityepco.com)
- 3) Mitch Meyer: [Mitch.Meyer@fidelityepco.com](mailto:Mitch.Meyer@fidelityepco.com)
- 4) Bob Flook: [Robert.Flook@fidelityepco.com](mailto:Robert.Flook@fidelityepco.com)
- 5) Kathryn Reasoner: [Kathryn.Reasoner@fidelityepco.com](mailto:Kathryn.Reasoner@fidelityepco.com)
- 6) Dave List: [Dave.List@fidelityepco.com](mailto:Dave.List@fidelityepco.com)
- 7) Stan White: [Stan.White@fidelityepco.com](mailto:Stan.White@fidelityepco.com)

#### **Liberty Pioneer Energy Source:**

Daniel Gunnell: [dgunnell@libertypioneer.com](mailto:dgunnell@libertypioneer.com)  
Harvey Risien: [hvrisien@4545corp.com](mailto:hvrisien@4545corp.com)

**ESTIMATED TOPS:**

KB (est) 4241

<u>Horizon</u>	<u>Lithology</u>	<u>Estimated</u>		<u>Anticipated Net</u>	<u>Remarks</u>
		<u>Depth</u>	<u>Pay Thickness</u>		
		Measured	Subsea		
Morrison	ss/sh	Surface			
Entrada	ss/sh	1025	3216		
Chinle	ss/sh	2502	1739		
Moenkopi	ss/sh	2906	1335		
Cutler	ss/sh	3470	771		
Honaker Trail	ss/sh	4910	-669		
Paradox Formation	Salt/silt/sh	6280	-2039		
Salt 1A	Salt/sh	<b>6354</b>	-2113		
Ismay	sh/silt/lime	6495	-2254		
Salt 1	Salt/sh	6542	-2301		
Shale 1	sh/silt	7175	-2934		Secondary Oil/Gas Objective
Intermediate Casing Pt.		<b>7215</b>			40' into Shale 1
Shale 3	sh/silt	7527	-3286		Secondary Oil/Gas Objective
Salt 4	Salt/sh	7584	-3343		
Shale 4	sh/silt	7675	-3434		Secondary Oil/Gas Objective
Shale 10	sh/silt	9039	-4798		Secondary Oil/Gas Objective
Salt 12	Salt/sh	9077	-4836		
Shale 12	sh/silt	9114	-4873		Secondary Oil/Gas Objective
Salt 13	Salt/sh	9128	-4887		
Shale 14	sh/silt	9267	-5026		Secondary Oil/Gas Objective
Salt 15	Salt/sh	9288	-5047		
Shale 18	sh/silt	9709	-5468		Secondary Oil/Gas Objective
Salt 20	Salt/sh	9758	-5517		
Shale 20	sh/silt	9938	-5697		Secondary Oil/Gas Objective
Salt 21	Anhy/Sh	9950	-5709		
<b>Top Cane Creek Shale</b>	sh/silt	<b>10074</b>	-5833		Primary Oil/Gas Objective
<b>Cane Creek Shale B</b>	sh/silt	10102	-5861		
<b>Base Cane Creek Sh.</b>	Salt/Anhy.	10158	-5917		
Salt 23	Salt/Anhy.	10159	-5918		
Shale 25	sh/silt	10229	-5988		Primary Oil/Gas Objective
TD		<b>10400</b>	-6159		

\* This top may be off and needs to be looked at closely when top salt is seen on mud log.

Possible Drilling Concerns (Lost Circulation, Overpressuring, Pay Zone Considerations, Deviation Problems, Other): Lost Circulation in upper hole and over pressure in shales within the Paradox Formation Salts.

## Samples

\_\_\_\_\_ 1 \_\_\_\_\_ Sets of lagged samples are to be caught.  
30 foot samples from Surf. Csg. to TD  
10 foot samples from Across from Pay Zones w/gas shows

## Testing

Coring Program: None  
DST Program: None

## Logging Program: Baker Hughes

<u>Log Type</u>	<u>2" Scale</u>		<u>5" Scale</u>	
	<u>From</u>	<u>To</u>	<u>From</u>	<u>To</u>
<u>GR-SP-DIL-SFL-ML</u>	<u>Surf. Csg</u>	<u>6125</u>	<u>Surf. Csg</u>	<u>6125</u>
<u>GR-CALI-FDC/CNL</u>	<u>Surf. Csg.</u>	<u>6125</u>	<u>Surf. Csg</u>	<u>6125</u>
<u>Sonic (BHC)</u>	<u>Surf. Csg.</u>	<u>6125</u>	<u>Surf. Csg</u>	<u>6125</u>
<u>Mud Log</u>	<u>Surf. Csg.</u>	<u>6125</u>	<u>Surf. Csg</u>	<u>6125</u>

## **RUN #2: Triple Combo (GR at base) first run & Dipole Sonic + Hex Dip on second run:**

<u>Log Type</u>	<u>2" Scale</u>		<u>5" Scale</u>	
	<u>From</u>	<u>To</u>	<u>From</u>	<u>To</u>
<u>GR-SP-DIL-SFL-ML</u>	<u>Inter. Csg.</u>	<u>TD</u>	<u>Inter. Csg.</u>	<u>TD</u>
<u>GR-CALI-FDC/CNL</u>	<u>Inter. Csg.</u>	<u>TD</u>	<u>Inter. Csg.</u>	<u>TD</u>
<u>Sonic (Dipole) &amp; Hex Dip</u>	<u>Inter. Csg.</u>	<u>TD</u>	<u>Inter. Csg.</u>	<u>TD</u>
<u>Mud Log</u>	<u>Inter. Csg.</u>	<u>TD</u>	<u>Inter. Csg.</u>	<u>TD</u>

**\*Please send e-mail with image and las files of all electric logs and daily mud log reports and sections to: [Robert.Flook@fidelityepco.com](mailto:Robert.Flook@fidelityepco.com) Work or: [b.flook@comcast.net](mailto:b.flook@comcast.net) Home.**

Alternate: [Stan.White@fidelityepco.com](mailto:Stan.White@fidelityepco.com) Work or: [swhitedenver@yahoo.com](mailto:swhitedenver@yahoo.com) Home.

## Logging Company & Contacts:

**E-Logs:** Baker Hughes: Bob Eaton (303) 573-2793 Office, (303) 552-6881 Cell

**Mud Logging:** Pason Systems USA: Josh Barclay (720) 880-2000 Office, (303) 483-1515 Cell

**Mud Loggers:** Aclam Kpekpass (866)423-2511 & (970)812-0582 VOIP, (267)250-4924 Cell

Daily e-mail & final las file of mud log send to: above e-mail address.

## Key Fidelity Personnel

### **Rig Trailer: 970-812-0019**

Jerry Duley – Drilling (432) 634-8980 (C)

Eric Kolstad – Drilling (303) 629-0330 (W), (303) 881-4970 (C) e-mail: [ekolstad@newtecheng.com](mailto:ekolstad@newtecheng.com)

Harvey Dunham - Drilling (307)675-4902 (Work), (307)752-3332 (Cell), (307)673-1724 (Home)

Bob Flook - Geology (720) 931-5723 (Work), (303) 319-8442 (Cell), (303) 988-8224 (Home)

Stan White - Geology (720) 931-6428 (Work), (303) 882-7945 (Cell), (303) 778 1773 (Home)

Lon Stuebinger - Engineer (720)931-9650 (Work), (303)601-6893 (Cell)

Wayne Ransbottom - Land (307)675-4912 (Work), e-mail: [wayne.ransbottom@fidelityepco.com](mailto:wayne.ransbottom@fidelityepco.com)

## Data Distribution:

Fidelity E&P Denver: 1700 Lincoln St., Suite 2800 3 sets of all paper Data & E-Files (image & las)  
Denver, CO 80203

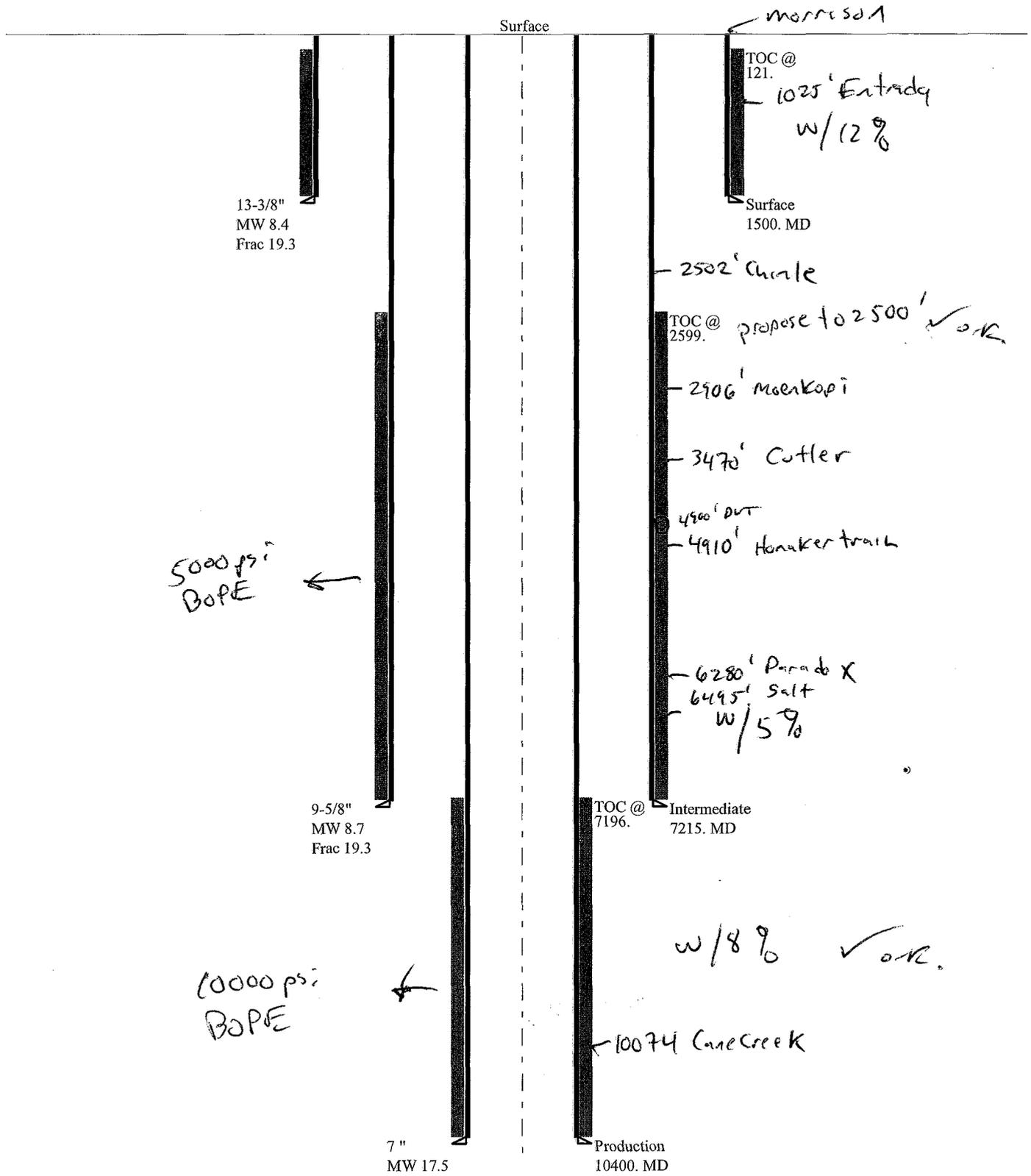
Fidelity E&P Sheridan: 2585 Hearland Dr. 3 sets of all paper Data & E-Files (image & las)  
Sheridan, WY 82801

Liberty Pioneer Energy Source: 1411 East 840 North 1 set of all paper Data & E-Files (image & las)  
Orem, Utah 84907

Petro Fuego LLC: 111 Soledad Suite 250 1 set of all paper Data & E-Files (image & las)  
San Antonio, TX 78205

43019316050000 Fidelity ST 16-42

Casing Schematic



Well name:	<b>4301931605000 Fidelity ST 16-42</b>		
Operator:	<b>Fidelity Exploration &amp; Production Co.</b>		
String type:	Surface	Project ID:	43-019-31605-0000
Location:	Grand County		

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 1,320 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 1,500 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 1,313 ft

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 96 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 250 ft

Cement top: 121 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 7,215 ft  
Next mud weight: 8.700 ppg  
Next setting BHP: 3,261 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,500 ft  
Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1500	13.375	68.00	J-55	Buttress	1500	1500	12.29	1261
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	655	1950	2.979	1500	3450	2.30	89	1069	11.98 B

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Mining

Phone: 801-538-5357  
FAX: 801-359-3940

Date: February 5, 2009  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43019316050000 Fidelity ST 16-42</b>		
Operator:	<b>Fidelity Exploration &amp; Production Co.</b>		
String type:	Intermediate	Project ID:	43-019-31605-0000
Location:	Grand County		

**Design parameters:**

**Collapse**

Mud weight: 8.700 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 176 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 6,242 ft

**Burst**

Max anticipated surface pressure: 5,628 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 7,215 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.  
 Neutral point: 6,267 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 10,400 ft  
 Next mud weight: 17.500 ppg  
 Next setting BHP: 9,455 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 7,215 ft  
 Injection pressure: 7,215 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	7215	9.625	53.50	P-110	LT&C	7215	7215	8.5	2866.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3261	7950	2.438	7215	10900	1.51	335	1422	4.24 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801-538-5357  
 FAX: 801-359-3940

Date: February 5, 2009  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7215 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43019316050000 Fidelity ST 16-42</b>		
Operator:	<b>Fidelity Exploration &amp; Production Co.</b>		
String type:	Production	Project ID:	43-019-31605-0000
Location:	Grand County		

**Design parameters:**

**Collapse**

Mud weight: 17.500 ppg  
 Internal fluid density: 2.330 ppg

**Burst**

Max anticipated surface pressure: 7,167 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 9,455 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.  
 Neutral point: 7,654 ft

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 221 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 7,189 ft

**Non-directional string.**

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10400	7	49.50	Q-125	FJ-150 Flush	10400	10400	5.415	1740.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	8196	23350	2.849	9455	22810	2.41	379	1797	4.74 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801-538-5357  
 FAX: 801-359-3940

Date: February 5, 2009  
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10400 ft, a mud weight of 17.5 ppg. An internal gradient of .121 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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**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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASING DESIGNATION AND SERIAL NUMBER: ML 1244
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 Sheridan WY 82801		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2108' FNL & 559' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16 22S 17E S		8. WELL NAME and NUMBER: State 16-42
PHONE NUMBER: (307) 675-4924		9. API NUMBER: 4301931605
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 checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/18/2009</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 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 checked="" type="checkbox"/> OTHER: <u>Completion Program</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.

Please see attached a detailed write up on the completion Program.

*Cluster #26 (Paradox)*

**COPY SENT TO OPERATOR**

Date: 3.19.2009

Initials: KS

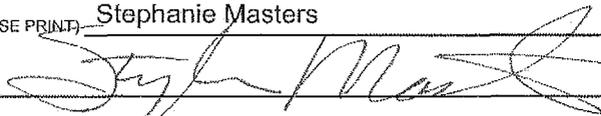
**RECEIVED**

**MAR 18 2009**

**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) Stephanie Masters

TITLE Operations Technician III

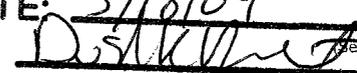
SIGNATURE 

DATE 3/18/2009

(This space for State use only)

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 3/18/09

BY: 

(See Instructions on Reverse Side)

**CONFIDENTIAL**

## Utah State 1-16

State 16-24

**Field:** Wildcat

**Location:** SE NE Section 16 T22S R17E

**Depths:** 10400 estimated  
PBTD = 10320 Est cement top

**Elevations:** 4241' GL; 42xx' KB

**Casing:**

Surface: 1500' 13 3/8" J 55 54.5 #

Intermediate: 4158 9 5/8" P 110 53.5#

Production: 7 " 3500", 52.97#ULTF Q125 to 6900, 35#, P110 at 6900 to surface

**Top of Cement:** 4158

**Spud Date:** 3-20-09

**Perforations:** Cane Creek

**Objective:** Initial Completion of Cane Creek Zone

### Procedure

#### NOTES:

1. All depths in the procedure are referenced from KB, unless otherwise noted.
2. Please give cased hole loggers 48 hours advance notice prior to performing perforating work on the well.
3. Hold pre-job safety meetings prior to beginning any new work.
4. MSDS's for all chemicals used in this procedure must be available on location for inspection and use. An inventory of all chemicals used should be submitted to the Denver office at the completion of the job.

#### Safety Precautions:

1. Smoking will not be allowed within 100' of the wellhead.
2. All on-site personnel are to wear safety glasses with side-shields, steel-toed boots, and plastic hardhats at all times.
3. Eye protection and hand protection should be worn when handling acid/chemicals. Eye protection should be worn when there is the potential for acid/chemicals to blow or splash into the eyes.
4. While the perforating guns are in the open, radio's or cell phones will not be used within 500' of the location. Signs indicating this will be placed on all access roads (signs will be provided by the perforating company).
5. The service company should bring communication devices for each individual operating pumps/valves and for the field engineer.

6. Fresh water will be on location in case of accidental discharge or an emergency (water to be provided by the treating company).
7. Eye wash bottles should be available and ready for use. All on-site personnel should be aware of the location of these bottles.
8. Only personnel needed for the job will be allowed to handle the perforating guns.
9. While perforating, ensure the safety lockout key is in the proper position.
10. Hold tailgate safety meetings daily prior to any work being performed. Determine safe location where all personnel will meet in the event of an emergency.

State 16-42

**Procedure:**

1. MIRU DDU
2. NU BOP (7 1/16X 10K double gate)
3. Pick up 5” bit and 2 7/8” tubing
4. Tag cement in casing and drill cement to shoe joint estimated to be 10,246’
5. Circulate hole clean with 2%KCL water
6. POOH with Tubing and Bit
7. Pick up 5 1/2” bit and scrapper with 2 7/8” tubing
8. RIH to 7500’
9. Clean and circulate any cement
10. Pooh with Bit and scrapper
11. RIH with notched collar and 5” scrapper to TD
12. POOH with notched color and scrapper
13. RU wire line company
14. Run Cement Bond and CCL log
15. POOH with Wire line
16. Pressure test casing to 2000 #
17. Run CBL under pressure if necessary
18. Run gauge ring for packer on wire line
19. Pick up casing carrier guns and perforate as follows
20. Perforate 10086’-10092’ with 4 spf and 3000# on casing
- 21. If well does not flow**
22. Run in hole with tubing
23. Set EOT at 10,050 +/-
24. Swab well
25. POOH with tubing
26. Frac well as designed
- 27. If well starts to flow**
28. Lubricate packer in hole to 10,050 +/-
29. ND BOP and NU well head
30. Fix flow line to production facility
31. RIH with 2 7/8” tubing
32. String into packer
33. Start Flowing well to production Tanks

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML 48144

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:  
N/A

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
State 16-42

2. NAME OF OPERATOR:  
Fidelity Exploration and Production Company

9. API NUMBER:  
4301931605

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: 2108' FNL & 559' FEL

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16 22S 17E S

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>3/25/2009</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"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<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>Completion Program</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.

Please find attached a revised detailed write up on the completion program.

We will be perforating Shale # 24 from 9890' to 9894' and Shale #21 From 9738' to 9741' with 4 spf

COPY SENT TO OPERATOR

Date: 3.26.2009

Initials: KS

RECEIVED

MAR 26 2009

DIV. OF OIL, GAS & MINING

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NAME (PLEASE PRINT) Stephanie Masters

TITLE Operations Technician III

SIGNATURE [Signature]

DATE 3/25/2009

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 3/26/09

BY: [Signature] (See Instructions on Reverse Side)

**Procedure:**

1. MIRU DDU
2. NU BOP (7 1/16X 10K double gate)
3. Pick up 4 3/4" bit and 2 7/8" tubing
4. Tag cement in casing and drill cement to shoe joint estimated to be 10,246'
5. Circulate hole clean with 2%KCL water
6. POOH with Tubing and Bit
7. Pick up 4 3/4" bit and scrapper with 2 7/8" tubing
8. RIH to 6061' KB
9. Clean and circulate any cement
10. Pooh with Bit and scrapper
11. RIH with notched collar and 5" scrapper to TD
12. POOH with notched color and scrapper
13. RU wire line company
14. Run Cement Bond with Temperature and CCL log From PBTD to 7000'
15. POOH with Wire line
16. Pressure test casing to 10,000 #
17. Run gauge ring for packer on wire line
18. Run CIBP top to 10138' and set
19. Run CIBP top to 10126' and set
20. Pressure test to 10,000#
21. Re-run Radial CBL log
22. Pooh with wire line company
23. Rig down logging company
24. Pick up casing carrier guns and perforate as follows
25. Perforate 10,086-94 With 4 spf ( 4" guns with 36 gram charges , EP=32", EH=.42") with 3000# on casing
26. Bleed off pressure
27. POOH with wire line
28. Rig down perforating truck
29. Flow test Shale 26
30. RIH with tubing to set cement plug from 10,100 to 9,975
31. Set Cement Plug across perforations
32. Let set for 4 hours
33. POOH with tubing
34. Rig up wire line company
35. RIH with perforating guns
36. Perforate 9,890 to 9894 and 9738 to 9741 with 4 SPF ( 4" guns 36 gram EP =32" EH =.42")
37. POOH with perforating guns
38. Pick up RTTS packer
39. RIH with packer to 9780 +/- 15'
40. Set packer with 20,000# compression
41. Rig up pump truck to tubing
42. Pump 1000 gals diesel at 3-8 BPM ( pump at the highest rate possible) down tubing
43. Shut Tubing in for 24 hours At least

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- After pumping shut well in and record pressure every second for the first 3 hours
  - After 3 hours, record pressure every 3 seconds for 21 hours.
44. May run longer shut in depending on time and record pressure every 3 seconds
  45. Rig up pump truck to Tubing–Casing annulus
  46. Pump 1000 gals diesel at 3-8 BPM ( pump at the highest rate possible) down annulus
  47. Shut Annulus in for 24 hours At least
    - After pumping shut well in and record pressure every second for the first 3 hours
    - After 3 hours, record pressure every 3 seconds for 21 hours
  48. Send pressure data to Fidelity, IPT and NTE in ASCII or similar format ASAP
  49. Frac well as designed

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**Field:** Wildcat  
**Location:** SE NE Section 16 T22S R17E  
**Depths:** 10400 estimated  
PBSD = 10320 Est cement top

**Elevations:** 4241' GL; 42xx' KB

**Casing:**

Surface: 1500' 13 3/8" J 55 54.5 #  
Intermediate: 7090' 9 5/8" P 110 53.5#  
Production: 7 " 4115", 52.97#ULTF Q125 to 6061, 41#, P110 at 6061' to surface

**Top of Cement:** 4158

**Spud Date:** 3-20-09

**Perforations:** Cane Creek

**Objective:** Initial Completion of Cane Creek Zone

**Procedure**

NOTES:

1. All depths in the procedure are referenced from KB, unless otherwise noted.
2. Please give cased hole loggers 48 hours advance notice prior to performing perforating work on the well.
3. Hold pre-job safety meetings prior to beginning any new work.
4. MSDS's for all chemicals used in this procedure must be available on location for inspection and use. An inventory of all chemicals used should be submitted to the Denver office at the completion of the job.

**Safety Precautions:**

1. Smoking will not be allowed within 100' of the wellhead.
2. All on-site personnel are to wear safety glasses with side-shields, steel-toed boots, and plastic hardhats at all times.
3. Eye protection and hand protection should be worn when handling acid/chemicals. Eye protection should be worn when there is the potential for acid/chemicals to blow or splash into the eyes.
4. While the perforating guns are in the open, radio's or cell phones will not be used within 500' of the location. Signs indicating this will be placed on all access roads (signs will be provided by the perforating company).
5. The service company should bring communication devices for each individual operating pumps/valves and for the field engineer.

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6. Fresh water will be on location in case of accidental discharge or an emergency (water to be provided by the treating company).
7. Eye wash bottles should be available and ready for use. All on-site personnel should be aware of the location of these bottles.
8. Only personnel needed for the job will be allowed to handle the perforating guns.
9. While perforating, ensure the safety lockout key is in the proper position.
10. Hold tailgate safety meetings daily prior to any work being performed. Determine safe location where all personnel will meet in the event of an emergency.

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DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48144
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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: Fidelity Exploration and Production Company		8. WELL NAME and NUMBER: State 16-42
3. ADDRESS OF OPERATOR: 2585 Heartland drive CITY Sheridan STATE WY ZIP 82801		9. API NUMBER: 4301931605
		10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2108' FNL & 559' FEL COUNTY: Grand		STATE: UTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16 22S 17E S		

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.  
Please find attached a complete chronological drilling and completion history report covering the period of 1/12/2009 thru 4/1/2009.

**CONFIDENTIAL**

NAME (PLEASE PRINT) <u>Stephanie Masters</u>	TITLE <u>Operations Technician III</u>
SIGNATURE	DATE <u>4/1/2009</u>

(This space for State use only)

**RECEIVED**  
**APR 01 2009**

FEPCo

1700 Lincoln Street, Suite 4600  
 Denver, CO 80203  
 (303) 893-3133

Drilling Chronological

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA
Project AFE:	080601	AFEs Associated:	/ / /		

Daily Summary					
Activity Date :	1/12/2009	Days From Spud :	-1	Current Depth :	0 Ft
Formation :		Weather:			
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
	0.00	01	Set surface casing	0	0	NIH
Total:	0.00					

Daily Summary					
Activity Date :	1/23/2009	Days From Spud :	11	Current Depth :	399 Ft
Formation :		Weather:			
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	01	Rig up air - test lines - prep to spud	0	256	1
11:00	2.00	02	pick up hammer & bit - install rotating head rubber	256	399	1
13:00	5.00	02	Drill F / 80' T / 336' - 256' - 51 FPH - 4000 scf	0	0	NIH
18:00	0.50	02	Wls @ 300' - .75 drg - az 173.1	0	0	NIH
18:30	2.50	02	Drill F / 336' T / 399' - 63' 25 Fph - 4000 Scf	0	80	NIH
21:00	0.50	21	Tooh - bit broken - left 2 peices in hole	0	0	NIH
21:30	3.50	21	Slip & cut drilling line - service rig	0	0	NIH
1:00	1.00	21	Lay down rotating head rubber	0	0	NIH
2:00	3.00	21	Wait on magnet & junk basket	0	0	NIH
5:00	1.00	06	pick up magnet - lih	0	0	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/24/2009	Days From Spud :	12	Current Depth :	399 Ft
Formation :		Weather:			
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	19	Make 3 runs with magnet - no luck picking up fish	0	0	NIH
11:00	0.50	07	Service rig	0	0	NIH
11:30	13.50	21	Wait on 15" wash pipe Pick up wash pipe; TIH	0	0	NIH
1:00	2.00	19	Try to cut over fish	0	0	NIH
3:00	1.00	06	Trip out hole lay down wash pipe	0	0	NIH
4:00	2.00	21	PU Magnet; TIH; Work to pick up fish	0	0	NIH
Total:	24.00					

<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>					
Activity Date :	1/25/2009	Days From Spud :	13	Current Depth :	399 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	19	Trip out hole with magnet-No fish	0	0	NIH
6:30	1.50	21	Strap in hole with 12 joints of drill pipe - stand back in derrick	0	0	NIH
8:00	10.00	13	Wait on cement for Plug back	0	0	NIH
18:00	0.50	06	TIH to spot plug	0	0	NIH
18:30	1.00	21	Set plug w/400 sks class G	0	0	NIH
19:30	0.50	06	TOOH	0	0	NIH
20:00	10.00	13	WOC	0	0	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	1/26/2009	Days From Spud :	14	Current Depth :	399 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	13	WOC; While WOC lay down DP; PU Dir Tools ; Time drilling to bid angle; Unable to keep water in pits	0	0	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	1/27/2009	Days From Spud :	15	Current Depth :	399 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	21	Time drill 5 min to in F/173' T/175'; Install rotating head rubber; Drill F/175' T/233'; Slide drill 600 gpm-1000 scfpm; Time drill F/233' T/247'; 5min/inch-600 gpm-1000 scfpm	0	0	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	1/28/2009	Days From Spud :	16	Current Depth :	565 Ft
Formation :		Weather:		24 Hr. Footage Made :	166 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.00	02	Time drill F/247' T/ 275' - 5min/inc - 600gpm - 1000 scfpm	275	275	NIH
15:00	0.50	21	service rig	275	275	NIH
15:30	5.50	02	Drill F/275' T / 488' - rotating - 600 gpm - 1000scf/pm	275	488	NIH
21:00	1.00	21	Circ & cond hole to tooh	488	488	NIH
22:00	2.00	06	Tooh lay down dir tools	488	488	NIH
0:00	4.00	21	Pick up air hammer & tih , install rotating head rubber	488	488	NIH
4:00	2.00	02	Drill F/ 488' T /565' - 77' 38.5FPH - 4000 scfph	488	565	NIH
Total:	24.00					

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	1/29/2009	Days From Spud :	17	Current Depth :	1520 Ft
Formation :		Weather:		24 Hr. Footage Made :	955 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	02	Drill F / 565' T / 642' - 77' - 77' fph - 4000 scfpm	0	0	NIH
7:00	0.50	21	Wls @ 600' - 1.5 drg 202.7 az	0	0	NIH
7:30	9.00	02	Drill F 642' T / 1072' - 430' - 47.8 Fph - 4000 scfpm	1072	1430	NIH
16:30	0.50	21	Wls @ 1010' - .9 drg - 181.4 az - service rig	1430	1430	NIH
17:00	8.50	02	Drill F / 1072' T / 1520' - 448' - 52.7 Fph	1430	1520	NIH
1:30	1.00	21	Blow hole clean	1520	1520	NIH
2:30	1.50	21	Wiper trip	1520	1520	NIH
4:00	1.00	21	Blow hole clean - wls - 0.1 drg - 217.9 az	1520	1520	NIH
5:00	1.00	06	Tooh to run casing & cement	1520	1520	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/30/2009	Days From Spud :	18	Current Depth :	1520 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	21	Lay down hammer	1520	1520	NIH
7:00	5.00	12	Run casing 36 joints of J-55 68# 13 3/8	1520	1520	NIH
12:00	1.00	12	Rig down casing crew & lady down truck	1520	1520	NIH
13:00	2.00	12	Cement first stage 100 sks lead 390 sks tail	1520	1520	NIH
15:00	4.00	05	Circulate hole to woc	1520	1520	NIH
19:00	2.00	12	Cement second stage - 275 sks lead - 50 sks tail - circulate 88 sks to surf	1520	1520	NIH
21:00	4.00	13	woc	1520	1520	NIH
1:00	5.00	09	Cut off - install well head - nu/bop	1520	1520	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/31/2009	Days From Spud :	19	Current Depth :	1520 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	19.00	14	Nipple up Bops & tes 250# low - 5000# high	1520	1520	NIH
1:00	1.00	21	Install wear bushing	1520	1520	NIH
2:00	1.50	06	Tih tag dv tool @ 752'	1520	1520	NIH
3:30	2.50	21	Pick up kelly drill dv tool	1520	1520	NIH
Total:	24.00					

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<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>					
Activity Date :	2/1/2009	Days From Spud :	20	Current Depth :	1955 Ft
Formation :		Weather:		24 Hr. Footage Made :	435 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	02	Drill DV Tool & Shoe track	1520	1520	NIH
9:30	0.50	02	Drill F / 1520' T / 1550' - 30' - 60 Fph - 4000 scfph	1520	1550	NIH
10:00	3.50	21	Tooh - lay down 5" drill pipe - pu/ hammer bit	1550	1550	NIH
13:30	1.50	06	Tih - pick up 4.5" drill pipe	1550	1550	NIH
15:00	4.00	02	Drill F / 1550' T / 1690' - 140' - 40 FPH Misting 4000 Scfpm	1550	1690	NIH
19:00	4.00	21	Wait on welder - weld orbit vale	1690	1690	NIH
23:00	2.00	02	Drill F / 1690' T / 1845' - 155' - 77.5 Fph - mist 4000 Scfpm	1690	1845	NIH
1:00	3.00	21	Remove orbit vale - from flow line	1845	1845	NIH
4:00	2.00	20	Drill F / 1845' T / 1955' - 110' - 55 Fph - mist 4000 Scfpm	1845	1955	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	2/2/2009	Days From Spud :	21	Current Depth :	3079 Ft
Formation :		Weather:		24 Hr. Footage Made :	1124 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	02	Drill F / 1955' T / 2067' - 112' - 112 Fph - mist 4000 scfph	1955	2067	NIH
7:00	0.50	21	Wls @ 2020' - 1.1 drg - 264.9 az	2067	2067	NIH
7:30	6.50	02	Drill F / 2067' T / 2562' - 495' - 76.2 Fph - mist 4000 Scfph	2067	2562	NIH
14:00	0.50	07	Service rig	2562	2562	NIH
14:30	0.50	21	Wls @ 2520' 0.9 dir - 243.9 az	2562	2562	NIH
15:00	7.00	02	Drill F / 2562' T / 3055 - 493' - 70.4 Fph - mist 4000 Scfpm	2562	3055	NIH
22:00	0.50	21	Wls @ 2998 2.2 drg 211.8 az	3055	3055	NIH
22:30	2.50	05	Cric hole to check for water flow - circ hole clean to trip for bit	3055	3055	NIH
1:00	1.00	06	Tooh to change bits	3055	3055	NIH
2:00	1.00	21	Lay down hammer pick up new mammer & bit	3055	3055	NIH
3:00	2.00	06	Tih with bit # 6	3055	3055	NIH
5:00	0.50	21	Install rotating head rubber	3055	3055	NIH
5:30	0.50	02	Drill F / 3059' T / 3079' - 20' - 40 FPH - mist 4000 Scfpm	3055	3079	NIH
Total:	24.00					

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<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>					
Activity Date :	2/3/2009	Days From Spud :	22	Current Depth :	3556 Ft
Formation :		Weather:		24 Hr. Footage Made :	477 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	03	ream to bottom	3079	3079	NIH
6:30	5.00	02	Drill F / 3059' T / 3308' -249' - 49.8 FPH -mist - 4000 Scfpm	3079	3308	NIH
11:30	0.50	07	Service rig	3308	3308	NIH
12:00	0.50	21	Wls @ 3308' 2.8 drg 205.5 az	3308	3308	NIH
12:30	5.00	02	Drill F / 3308' T / 3556' -248' -49.6FPH - mist - 4000Scfpm	3308	3556	NIH
17:30	1.00	21	Wls @ 3510 - 3.6 inc - 96.4 az	3556	3556	NIH
18:30	2.00	05	Circ - blow hole clean	3556	3556	NIH
20:30	1.50	06	Tooh	3556	3556	NIH
22:00	2.50	21	Lay down hammer & 6" monel - pick up pdc ,motor & 8" monel	3556	3556	NIH
0:30	2.50	21	Scribe motor - tih	3556	3556	NIH
3:00	3.00	03	Tight @ 2570 - ream in hole	3556	3556	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	2/4/2009	Days From Spud :	23	Current Depth :	3556 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	21	Wash & ream in hole	3556	3556	NIH
10:00	4.00	21	Slide & rotate - F/ 3556' T / 3656' - survey @ 3595' 2.8drg - 155.0 az -	3556	3556	NIH
14:00	0.50	07	Service rig while circulateing hole	3556	3556	NIH
14:30	0.50	05	Circulate hole clean	3556	3556	NIH
15:00	1.00	06	Tooh - 7 joints tight spot kelly up to work through	3556	3556	NIH
16:00	8.50	21	Work stuck pipe while waiting on surface jars	3556	3556	NIH
0:30	3.50	21	Pick up surface jars, work to free pipe	3556	3556	NIH
4:00	2.00	21	Start out hole pumping each joint untill pipe frees up	3556	3556	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary							
Activity Date :	2/5/2009	Days From Spud :	24	Current Depth :	3079 Ft	24 Hr. Footage Made :	-477 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:		\$0	Total Well Cost:	\$0	

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	06	TOOH	3079	3079	NIH	
7:00	3.50	21	LAY DOWN 9 5/8 MOTOR & 8" DC - PICK UP 8" MOTOR & 6.25" DC	3079	3079	NIH	
10:30	1.50	06	T ih - tag @ 2870'	3079	3079	NIH	
12:00	2.00	03	Ream tight hole 2870' - 3000'	3079	3079	NIH	
14:00	1.00	21	Jar stuck pipe - jar 2 joints out - pipe came free	3079	3079	NIH	
15:00	1.00	05	Circulate hole for tooh	3079	3079	NIH	
16:00	2.00	06	Tooh lay down dir tools	3079	3079	NIH	
18:00	2.00	06	Tih with tri cone bit	3079	3079	NIH	
20:00	5.50	03	Reame hole F/ 2866' T / 3001'	3079	3079	NIH	
1:30	0.50	21	Run in hole to 3400' - Lay down 2 joints - work pipe - stuck pipe	3079	3079	NIH	
2:00	4.00	21	Jarring on stuck pipe	3079	3079	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	2/6/2009	Days From Spud :	25	Current Depth :	3079 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:		\$0	Total Well Cost:	\$0	

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	3.00	21	Jar on Stuck pipe, jars quit. Bit depth 3371', T.D. 3656	3079	3079	NIH	
9:00	2.00	21	Wait on wireline truck f/ freepoint, work stuck pipe	3079	3079	NIH	
11:00	4.00	21	Rig Weatherford wireline, run freepoint, stuck @ bit 3371	3079	3079	NIH	
15:00	2.00	21	Run shot for backoff, back off 2d.c's above bit 3305-Pull w/ 40k drag f/70'	3079	3079	NIH	
17:00	6.00	06	TOH slowly, clear catwalk	3079	3079	NIH	
23:00	3.50	19	Pick up fishing tools, make up same,	3079	3079	NIH	
2:30	2.00	06	TIH, lay down singles, TIH tag bridge @ 2880	3079	3079	NIH	
4:30	1.50	21	Kelly up, wash, pump 60bbl sweep, c/o to 2905'	3079	3079	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	2/7/2009	Days From Spud :	26	Current Depth :	8181 Ft	24 Hr. Footage Made :	5102 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:		\$0	Total Well Cost:	\$0	

Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	10.50	02	Drill F / 7780' T / 7983' -203' - 19.3 Fph wob 12 rpm 40 gpm	7780	7983	NIH	
16:30	0.50	07	Service rig	7983	7983	NIH	
17:00	13.00	02	Drill F / 7983' T / 8181' - 198' - 15.3 Fph- wob 15 rpm 50 -gpm 400	7983	8181	NIH	
Total:	24.00						

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**Well Name: State 16-42**

Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

**Daily Summary**

Activity Date :	2/8/2009	Days From Spud :	27	Current Depth :	3079 Ft	24 Hr. Footage Made :	-5102 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:		\$0	Total Well Cost:	\$0	

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	21	Tighten swivel connections	3079	3079	NIH
7:00	3.00	03	Run in 2 stands, ream f/ 2915 to 2936	3079	3079	NIH
10:00	2.00	21	Pump sweeps, pick up to 2915, reream to 2936, spot pill, reaming better,	3079	3079	NIH
12:00	3.00	03	Reaming f/ 2936 to TOF (figured depth 3326)	3079	3079	NIH
15:00	3.00	05	Circ con. mud, pump sweeps, clean hole, approx. 100bbbls of cuttings back.	3079	3079	NIH
18:00	3.00	21	Pump slug, TOH to heviwate check breaks, TIH stop @ 3260	3079	3079	NIH
21:00	1.00	03	Ream f/ 3260 to 3326, TOF	3079	3079	NIH
22:00	1.00	05	Circ., pump sweeps, circ clean	3079	3079	NIH
23:00	3.00	21	Pump slug, TOH	3079	3079	NIH
2:00	1.00	19	Make up fishing tools	3079	3079	NIH
3:00	3.00	06	TIH (3266' @ 0600) TOF 3326	3079	3079	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	2/9/2009	Days From Spud :	28	Current Depth :	3656 Ft	24 Hr. Footage Made :	577 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:		\$0	Total Well Cost:	\$0	

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	03	Ream, Wash f/ 3326 to 3323	0	0	NIH
8:00	2.00	19	Work 8 1/8 wash shoe over fish. Pk up sgl. screw into fish. Begin jarring	0	0	NIH
10:00	0.00	21		0	0	NIH
Total:	4.00					

**Daily Summary**

Activity Date :	2/10/2009	Days From Spud :	29	Current Depth :	3770 Ft	24 Hr. Footage Made :	114 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:		\$0	Total Well Cost:	\$0	

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	05	Circulate sweep, cuttings	0	0	NIH
6:30	3.50	06	TOH	0	0	NIH
10:00	4.00	21	Pick up mud motor, 12 1/4 BHA, MWD, scribe and check tools	0	0	NIH
14:00	2.00	21	TIH, check MWD, reset surface ground, recheck	0	0	NIH
16:00	1.00	06	TIH to 2964' light (spot)	0	0	NIH
17:00	3.00	03	Ream f/ 2964 to 2995' (slow reaming) Circ. up sweep	0	0	NIH
20:00	0.50	21	Run in 5sgls trip in 2 stands, to 3119	0	0	NIH
20:30	1.50	03	Ream f/ 3119 to 3274 (slow)	0	0	NIH
22:00	0.50	21	Run in 5sgls to 3424	0	0	NIH
22:30	3.50	03	Ream f/ 3424 (slow) to 3656	0	0	NIH
2:00	4.00	02	Drilling/Slide F/ 3656 to 3770	0	0	NIH
Total:	24.00					

**CONFIDENTIAL**

**Well Name: State 16-42**

Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

**Daily Summary**

Activity Date :	2/11/2009	Days From Spud :	30	Current Depth :	3800 Ft	24 Hr. Footage Made :	30 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	02	Drilling f/ 3770 to 3794(14-9'hr)	3770	3794	NIH
9:30	3.00	21	Slowed to 4'hr, bring on air 1500cfm, 450gpm mud, would not drill-2'hr	3794	3794	NIH
12:30	5.00	21	Slug pipe, TOH, bit wore out missing cutters. Drill pipe count 1 single off	3794	3794	NIH
17:30	2.00	21	Depth 3764, weld, install flowline to gas buster line	3794	3794	NIH
19:30	4.50	03	Make up Bit #9 TIH, (NO TIGHT SPOTS) to 3711	3794	3794	NIH
0:00	1.00	03	Wash and ream 3711 to 3764(T.D.)	3794	3794	NIH
1:00	1.00	02	Drilling from 3764 (time drill 5' to 3769)	3794	3794	NIH
2:00	1.00	02	Drilling f/ 3769 to 3800	3794	3800	NIH
3:00	3.00	21	Slide f/ 3800 to 3810	3800	3800	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	2/12/2009	Days From Spud :	31	Current Depth :	3800 Ft	24 Hr. Footage Made :	0 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	21	Slide f/ 3810 to 3835 (6-9'hr)	3800	3800	NIH
9:30	5.50	21	Rotate f/ 3835 to 3897 (13-15'hr)	3800	3800	NIH
15:00	2.50	21	Sliding f/ 3897 to 3918 (14'hr)	3800	3800	NIH
17:30	6.00	21	Rotate f/ 3918 to 3991 (15'hr)	3800	3800	NIH
23:30	3.00	21	Slide f/ 3991 to 4013 (7'hr)	3800	3800	NIH
2:30	3.50	21	Rotate f/ 4013 to 4045 (9'hr)	3800	3800	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	2/13/2009	Days From Spud :	32	Current Depth :	4230 Ft	24 Hr. Footage Made :	430 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	02	Drilling f/4045 to 4082	3800	3800	NIH
10:30	0.50	21	Pump sweep, slug	3800	3800	NIH
11:00	3.00	06	TOH Brk bit check ubho	3800	3800	NIH
14:00	0.50	21	Service rig	3800	3800	NIH
14:30	3.50	21	Make up bit #10 TIH to 4022	3800	3800	NIH
18:00	0.50	03	Ream f/ 4022 to 4082	3800	3800	NIH
18:30	2.50	02	Drilling f/ 4082 (2 pumps 650gpm-14'-17'hr)	3800	3800	NIH
21:00	2.00	02	Drilling w/ 1 pump (chg swab, liner)7'hr	3800	3800	NIH
23:00	7.00	02	Drig f/ 4130 to 4230, (650gpm, 14-19'hr)	3800	3800	NIH
Total:	24.00					

**CONFIDENTIAL**

**Well Name: State 16-42**

Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

**Daily Summary**

Activity Date :	2/14/2009	Days From Spud :	33	Current Depth :	4510 Ft	24 Hr. Footage Made :	280 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.00	01	Drilling f/ 4230 to 4367-13'hr	0	0	NIH
16:00	0.50	07	Service Rig	0	0	NIH
16:30	1.50	21	Sliding f/ 4367 to 4398- 7-8'hr	0	0	NIH
18:00	12.00	02	Drilling f/ 4398 to 4510 15' hr(drill w/ 1 pump .5hr)	0	0	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	2/15/2009	Days From Spud :	34	Current Depth :	4647 Ft	24 Hr. Footage Made :	137 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	02	"Drilling f/ 4510 to 4553 (12-15'hr)" (Survey 2.6d, 192.1az)"	0	0	NIH
10:00	5.00	21	Slide f/ 4553 to 4584(6-7'hr)	0	0	NIH
15:00	0.50	07	Service rig	0	0	NIH
15:30	4.50	02	"Drilling f/ 4584 to 4647(14'hr)"(Survey 3.2d, 182.3az)"	4584	4647	NIH
20:00	1.50	21	Slide f/ 4647 to 4655	4647	4647	NIH
21:30	1.00	21	Mix and pump slug, clear vidor	4647	4647	NIH
22:30	0.50	06	TOH, lay dn. 8 singles	4647	4647	NIH
23:00	3.50	06	TOH, change mud motors, mwd,bits	4647	4647	NIH
2:30	2.50	06	TIH to 2872 (stopped)	4647	4647	NIH
5:00	1.00	03	Ream f/ 2872 to 3000	4647	4647	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	2/16/2009	Days From Spud :	35	Current Depth :	4930 Ft	24 Hr. Footage Made :	283 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	03	Spot ream f/ 3000' to 3265	4647	4647	NIH
7:30	0.50	21	Run in stands to 4465	4647	4647	NIH
8:00	1.50	03	Ream f/ 4465, survey ev. 30' to 4655	4647	4647	NIH
9:30	1.50	21	Slide f/ 4655 to 4679 (16'hr)	4647	4647	NIH
11:00	2.00	02	Drilling f/ 4679 to 4710(15.5'hr)	4647	4647	NIH
13:00	2.00	21	Slide f/ 4710 to 4723(6'hr)	4647	4647	NIH
15:00	1.00	02	Drilling f/ 4723 to 4741,(Survey@ 4690- 2.6 190.7az)(18'hr)	4647	4741	NIH
16:00	0.50	07	Service rig	4741	4741	NIH
16:30	3.00	21	Slide f/ 4741 to 4772 (10'hr)	4741	4741	NIH
19:30	10.50	02	Drilling f/ 4772 to 4930(Survey @4783-1.9d, 193.2az)	4741	4930	NIH
Total:	24.00					

CONFIDENTIAL

**Well Name: State 16-42**

Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

**Daily Summary**

Activity Date :	2/17/2009	Days From Spud :	36	Current Depth :	5105 Ft	24 Hr. Footage Made :	175 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	02	Drilling f/ 4930 to 5020 (15'hr)	4930	5020	NIH
12:00	1.50	21	Working on MWD, surface problem	5020	5020	NIH
13:30	2.00	02	Drilling f/ 5020 to 5051 (16'hr)	5020	5051	NIH
15:30	1.00	21	Work on MWD, new surface equip. on the way	5051	5051	NIH
16:30	4.50	02	Drilling f/ 5051 to 5105, Slowed to 7-5'hr	5051	5105	NIH
21:00	2.00	02	Drilling f/ 5105, attempt to increase P.R. 4-5'hr	5105	5105	NIH
23:00	0.50	10	Try to survey, got survey(5062', 2.3d, 203az)	5105	5105	NIH
23:30	2.50	21	Pump slug, TOH, pull mwd, brk bit	5105	5105	NIH
2:00	3.00	21	Install pulse mwd, gamma tool, TIH, install rot. rubber, test mwd@ 2200'	5105	5105	NIH
5:00	1.00	06	TIH	5105	5105	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	2/18/2009	Days From Spud :	37	Current Depth :	5370 Ft	24 Hr. Footage Made :	265 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	21	TIH to 4890	5105	5105	NIH
6:30	1.00	03	Wash, ream f/ 4890 to 5113	5105	5113	NIH
7:30	2.50	02	Break in bit, Drill f/ 5113 to 5137	5113	5137	NIH
10:00	3.00	21	Slide f/ 5137 to 5165 (10'hr)	5137	5165	NIH
13:00	3.00	02	Drilling f/ 5165 to 5199 (12' hr)	5165	5199	NIH
16:00	0.50	07	Service rig	5199	5199	NIH
16:30	3.00	21	Slide f/ 5199 to 5230 (10'hr)	5199	5230	NIH
19:30	10.50	02	Drilling f/ 5230 to 5370 (13'hr)	5230	5370	NIH
Total:	24.00					

**Daily Summary**

Activity Date :	2/19/2009	Days From Spud :	38	Current Depth :	5625 Ft	24 Hr. Footage Made :	255 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

**Operations**

Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.00	02	Drilling f/ 5370 to 5509 (13'hr)	5370	5509	NIH
17:00	0.50	07	Service rig	5509	5509	NIH
17:30	4.00	02	Slide f/ 5509 to 5540 (9'hr)	5509	5540	NIH
21:30	8.50	02	Drilling f/ 5540 to 5625 (11'hr)	5540	5625	NIH
Total:	24.00					

CONFIDENTIAL

Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	2/20/2009	Days From Spud :	39	Current Depth :	5855 Ft	24 Hr. Footage Made :	230 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	07	Service rig, work on pump	5625	5625	NIH	
7:00	4.00	02	Drilling f/ 5625 to 5663 (10'hr)	5625	5663	NIH	
11:00	4.00	02	Slide f/ 5663 to 5694 (8'hr)	5663	5694	NIH	
15:00	9.00	02	Drilling f/ 5694 to 5788(10.5'hr)	5694	5788	NIH	
0:00	2.00	02	Slide f/ 5788 to 5815 (13'hr)	5788	5815	NIH	
2:00	4.00	02	Drilling f/ 5815 to 5855 (10'hr)	5815	5855	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	2/21/2009	Days From Spud :	40	Current Depth :	6010 Ft	24 Hr. Footage Made :	155 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	5.50	02	Drilling f/ 5855 to 5912(11'hr)	5855	5912	NIH	
11:30	4.00	02	Slide f/ 5912 to 5943 (8'hr)	5912	5943	NIH	
15:30	0.50	07	Service rig	5943	5943	NIH	
16:00	1.50	02	Drilling f/ 5943 to 5951, mix slug	5943	5951	NIH	
17:30	3.00	21	Pump slug TOH	5951	5951	NIH	
20:30	2.00	21	Change bits, TIH tight @ 3000'	5951	5951	NIH	
22:30	1.00	03	Ream f/ 3000' to 3121	5951	5951	NIH	
23:30	1.50	06	TIH to 5895	5951	5951	NIH	
1:00	0.50	03	Ream f/ 5895 to 5951	5951	5951	NIH	
1:30	4.50	02	Drilling f/ 5951 to 6010	5951	6010	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	2/22/2009	Days From Spud :	41	Current Depth :	6270 Ft	24 Hr. Footage Made :	260 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.00	02	Drilling f/ 6010 to 6035(13'hr)	6010	6035	NIH	
8:00	0.50	21	Change corr. rings, take SPR's, survey	6035	6035	NIH	
8:30	7.50	02	Drilling f/ 6035 to 6128 (12'hr)	6035	6128	NIH	
16:00	0.50	07	Service rig	6128	6128	NIH	
16:30	3.50	02	Drilling f/ 6128 to 6164 (10'hr)	6128	6164	NIH	
20:00	2.50	02	Drilling w/1 pump f/ 6164 to 6180 (6.5'hr)	6164	6180	NIH	
22:30	7.50	02	Drilling f/ 6180 to 6270 (12'hr)	6180	6270	NIH	
Total:	24.00						

CONFIDENTIAL

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary							
Activity Date :	2/23/2009	Days From Spud :	42	Current Depth :	6720 Ft	24 Hr. Footage Made :	450 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	02	Drilling f/ 6270 to 6324(12'hr)	6270	6324	NIH
10:30	3.00	02	Drilling f/ 6324 to 6426(35'hr.) Salt	6324	6426	NIH
13:30	1.00	02	Drilling f/ 6426 to 6439(13'hr)	6426	6439	NIH
14:30	0.50	07	Service rig	6439	6439	NIH
15:00	5.50	02	Drilling f/ 6439 to 6505 (12'hr)	6439	6505	NIH
20:30	2.00	02	Drilling f/ 6505 to 6563(30'hr) Salt	6505	6563	NIH
22:30	1.50	02	Slide f/ 6563 to 6595(23'hr) Salt	6563	6595	NIH
0:00	2.00	02	Drilling f/6595 to 6657(32'hr) Salt	6595	6657	NIH
2:00	2.00	02	"Slide f/ 6657 to 6695(20'hr) Salt.:(Survey 6631-3.2, 253.1)"	6657	6695	NIH
4:00	1.00	02	Slide w/ 1 pump 430gpm, f/ 6695 to 6705 (Salt)	6695	6705	NIH
5:00	1.00	02	Drill f/ 6705 to 6720	6705	6720	NIH
Total:	24.00					

Daily Summary							
Activity Date :	2/24/2009	Days From Spud :	43	Current Depth :	7072 Ft	24 Hr. Footage Made :	352 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.00		"Looking f/ shale, gamma reading 6-Salt":Running 15-25 WOB due to angle"	7072	7072	NIH
6:00	10.50	02	Slide f/ 6720 to 6905(18'hr) Salt	6720	6905	NIH
16:30	0.50	07	Service rig	6905	6905	NIH
17:00	4.50	02	Sliding f/ 6905 to 6967 (14'hr)	6905	6967	NIH
21:30	2.00	02	Drilling f/ 6967 to 6998 (15'hr)	6967	6998	NIH
23:30	5.00	02	Sliding f/ 6998 to 7060 (12.5'hr)	6998	7060	NIH
4:30	1.50	02	Drilling f/ 7060 to 7072 (8'hr)Slowed to 6'hr @ 7064	7060	7072	NIH
Total:	24.00					

CONFIDENTIAL

Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	2/25/2009	Days From Spud :	44	Current Depth :	7114 Ft	24 Hr. Footage Made :	42 Ft
Formation :			Weather:				
Rig Company :			Rig Name:				
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	5.00	02	Drilling f/ 7072 to 7114(slowed f/ 18' hr to 6'hr@ 7064)shale, limestone	7072	7114	NIH	
11:00	1.50	21	Pump sweep, circ., pump slug	7114	7114	NIH	
12:30	2.50	06	TOH to 2500, no excessive drag, TIH to 3629	7114	7114	NIH	
15:00	0.50	03	Ream f/ 3629 to 3708	7114	7114	NIH	
15:30	1.50	06	TIH to 7114	7114	7114	NIH	
17:00	2.50	21	Circ., pump sweep	7114	7114	NIH	
19:30	4.50	21	Slug pipe, TOH, lay dn. directional tools	7114	7114	NIH	
0:00	6.00	11	Rig Baker Atlas, Run, GR, SP, W. DIL, SFL, ML -GR, CAL, FDC, CNL Sonic, Directio	7114	7114	NIH	
6:00	0.00	21	Wireline depth 7110'	7114	7114	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	2/26/2009	Days From Spud :	45	Current Depth :	7114 Ft	24 Hr. Footage Made :	0 Ft
Formation :			Weather:				
Rig Company :			Rig Name:				
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.00	11	Run Logs, GR-SP-DIL-SFL-ML-GR-CAL-FDC-CNL_Sonic-DIR Survey	7114	7114	NIH	
8:00	1.50	21	Make up bit, bit sub, TIH to shoe	7114	7114	NIH	
9:30	1.00	09	Slip and cut drilling line	7114	7114	NIH	
10:30	1.00	06	TIH to 3500	7114	7114	NIH	
11:30	1.50	03	Ream tight spot f/ 3500 to 3700	7114	7114	NIH	
13:00	1.50	06	TIH to 7065	7114	7114	NIH	
14:30	0.50	03	Ream f/ 7065 to 7114, pump sweep	7114	7114	NIH	
15:00	2.00	21	Circ. sweep, pump slug,	7114	7114	NIH	
17:00	3.50	06	TOH	7114	7114	NIH	
20:30	2.00	12	Rig to run casing, hold safety meeting	7114	7114	NIH	
22:30	7.50	12	Run casing	7114	7114	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	2/27/2009	Days From Spud :	46	Current Depth :	7114 Ft	24 Hr. Footage Made :	0 Ft
Formation :			Weather:				
Rig Company :			Rig Name:				
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	5.50	12	Finish running 9.625" p-100 -53.5# casing	7114	7114	NIH	
11:30	3.00	05	Circulate & conduction hole - while rd/casing crew & ru/ Halliburton	7114	7114	NIH	
14:30	4.50	05	Cement first stage w/ 410 sks HLC - lead - 450 class G /	7114	7114	NIH	
19:00	1.00	21	rig down Halliburton	7114	7114	NIH	
20:00	7.00	21	Back out ld/joint- install packoff	7114	7114	NIH	
3:00	3.00	21	Pick up 8.5" bit & 7 6.25 dcs - tih	7114	7114	NIH	
Total:	24.00						

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<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>					
Activity Date :	2/28/2009	Days From Spud :	47	Current Depth :	7114 Ft
Formation :				24 Hr. Footage Made :	0 Ft
Rig Company :				Weather:	
Daily Cost:	\$0	Cum DHC:	\$0	Rig Name:	
				Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	21	Drill plug @ dv tool- circulate hole clean	7114	7114	NIH
8:00	1.00	21	pull out hole	7114	7114	NIH
9:00	12.00	21	Test BOP 250 lbs low 10,000 lbs high - test casing - pressure up to 6600 lb	7114	7114	NIH
21:00	1.00	21	Put rig pump on hole @ 90 strokes @ 2130 psi	7114	7114	NIH
22:00	7.50	21	Wait on packer	7114	7114	NIH
5:30	0.50	21	Picking up packer	7114	7114	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	3/1/2009	Days From Spud :	48	Current Depth :	7114 Ft
Formation :				24 Hr. Footage Made :	0 Ft
Rig Company :				Weather:	
Daily Cost:	\$0	Cum DHC:	\$0	Rig Name:	
				Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	21	Tih W/ packer - set packer @ 1396' - test csg to 2200psi - leak on annules	7114	7114	NIH
9:30	1.00	06	Tooh lay down packer	7114	7114	NIH
10:30	10.50	21	Pull wellhead pack off - wait on fishing tools	7114	7114	NIH
21:00	1.00	21	Pu/ spear - stabe in casing pu/on casing have all of string	7114	7114	NIH
22:00	3.50	21	Ru/ wire line - unscrew 3 joints down - Rd /wire line	7114	7114	NIH
1:30	2.00	21	Ru/ casing crew - pull & lay down 3 joints	7114	7114	NIH
3:30	1.50	19	Run 3 joints - screw in to fish - pull 100,00 to test conjection	7114	7114	NIH
5:00	1.00	21	Rd/ casing crew - wait on lift truck	7114	7114	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	3/2/2009	Days From Spud :	49	Current Depth :	7114 Ft
Formation :				24 Hr. Footage Made :	0 Ft
Rig Company :				Weather:	
Daily Cost:	\$0	Cum DHC:	\$0	Rig Name:	
				Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	21	Wait on stack lift truck	7114	7114	NIH
10:30	4.50	21	Nipple down stack - ru/ stack lift jack, pick up stack	7114	7114	NIH
15:00	3.00	21	Pull 100,000 - set slips & cut off	7114	7114	NIH
18:00	5.50	21	Install packoff bushing	7114	7114	NIH
23:30	2.50	14	Nipple up bop & test packoff to 10,000 psi	7114	7114	NIH
2:00	1.50	21	RD/ stack lift	7114	7114	NIH
3:30	0.50	21	Install wear bushing	7114	7114	NIH
4:00	1.50	06	Tih to 1587'	7114	7114	NIH
5:30	0.50	21	RU/ Halliburton to test casing	7114	7114	NIH
Total:	24.00					

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<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>							
Activity Date :	3/3/2009	Days From Spud :	50	Current Depth :	7114 Ft	24 Hr. Footage Made :	0 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	21	Test casing to 7430psi - held for 15 min	7114	7114	NIH
8:00	1.50	21	TIH tagged cement @ 6430'	7114	7114	NIH
9:30	1.00	21	Lay down 24 jts dp	7114	7114	NIH
10:30	1.00	05	Circulate hole _ service rig	7114	7114	NIH
11:30	6.50	21	DRILL CEMENT & 2 FT NEW HOLE	7114	7114	NIH
18:00	1.00	05	CIRCULATE BOTTOMS UP	7114	7114	NIH
19:00	1.00	21	fit TEST TO 3404 PSI - HELD 10 min	7114	7114	NIH
20:00	2.50	21	Drain pit to clean	7114	7114	NIH
22:30	2.50	06	TOOH to bond log	7114	7114	NIH
1:00	5.00	11	Bond log	7114	7114	NIH
Total:	24.00					

<b>Daily Summary</b>							
Activity Date :	3/4/2009	Days From Spud :	51	Current Depth :	7119 Ft	24 Hr. Footage Made :	5 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	11	Finish bond log	7114	7114	NIH
8:00	1.50	21	Pick up dir tools	7114	7114	NIH
9:30	2.50	06	TIH	7114	7114	NIH
12:00	3.50	05	Circulate hole with oil base mud to drill	7114	7114	NIH
15:30	0.50	02	Drill F/ 7116' T/ 7119' - pressure to high - 3400 psi	7116	7119	NIH
16:00	0.50	07	Service rig	7119	7119	NIH
16:30	1.50	05	Circulate hole check out motor	7119	7119	NIH
18:00	2.50	06	Tooh to check motor	7119	7119	NIH
20:30	3.00	21	Check out motor - ld/motor - pu new motor	7119	7119	NIH
23:30	1.00	21	Orient motor	7119	7119	NIH
0:30	1.50	21	check with muti -shot on motor	7119	7119	NIH
2:00	4.00	06	Tih with new motor	7119	7119	NIH
Total:	24.00					

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<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>					
Activity Date :	3/5/2009	Days From Spud :	52	Current Depth :	7242 Ft
Formation :		Weather:		24 Hr. Footage Made :	123 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.00		Test dir tools - 1st set 500psi with mwd tool - 320 with out mwd	7242	7242	NIH
6:00	0.00		Test dir tools - 1st set 500psi with mwd tool - 320 with out mwd	7242	7242	NIH
6:00	8.00	02	Drill F / 7119' T / 7242' - 123' - 15.3 FPH - wob 15 - psi 3100 - gpg 368	7119	7242	NIH
14:00	0.50	07	Service rig	7242	7242	NIH
14:30	0.50	05	Circulate hole to tooh	7242	7242	NIH
15:00	2.00	21	Pump slug - Tooh	7242	7242	NIH
17:00	1.00	21	Replace break out cable	7242	7242	NIH
18:00	1.50	06	Finish tooh	7242	7242	NIH
19:30	2.50	21	Test dir tools - ld down motor & mwd - pu/ motor & mwd	7242	7242	NIH
22:00	1.00	21	Orient tools	7242	7242	NIH
23:00	3.50	21	Tih - rabbit all drill string	7242	7242	NIH
2:30	1.00	21	Wash & ream 60' to bottom	7242	7242	NIH
3:30	2.50	02	Drill F / 7242' T / 7273' - 31' - 12.4 fph - 2975 psi - 390 gpm	7242	7242	NIH
6:00	0.00	21	Test dir tools - 1st set 500psi with mwd tool - 320 with out mwd	7242	7242	NIH
	0.00	21	2nd set 475psi with mwd tool - 340 with out mwd tool	7242	7242	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	3/6/2009	Days From Spud :	53	Current Depth :	7780 Ft
Formation :		Weather:		24 Hr. Footage Made :	538 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	02	Drill F / 7273' T / 7459' - 186' - 24.8 FPH - wob 12 - gpm 380 - rpm 40	7273	7459	NIH
13:30	0.50	07	Service rig	7459	7459	NIH
14:00	10.00	02	Drill F / 7459' T / 7643' - 184' - 18.4 Fph - wob 12 gpm 380 - rpm 40	7459	7643	NIH
0:00	1.50	05	Circulate hole & change pump liners to 5"	7643	7643	NIH
1:30	4.50	02	Drill F / 7643' T / 7780' - 137'-30.5 Fph - wob 12 - rmp 40 - gpm 400 - 2950	7643	7780	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	3/8/2009	Days From Spud :	55	Current Depth :	8650 Ft
Formation :		Weather:		24 Hr. Footage Made :	870 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	02	Drill F / 8181' T / 8356' - 175' - 31.8 FPH - 12wob 50 rpm 410 gpm	8181	8356	NIH
11:30	0.50	07	Service rig	8356	8356	NIH
12:00	18.00	02	Drill F / 8356' T / 8650' - 294' - 16.33 FPH wob 12 rmp 50 gpm 410	8356	8650	NIH
Total:	24.00					

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Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	3/9/2009	Days From Spud :	56	Current Depth :	9134 Ft	24 Hr. Footage Made :	484 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	9.50	02	Drill F/8650' T/ 8854' -204' - 21.5 FPH wob 12 rpm 50 gpm 405 -	8650	8854	NIH	
15:30	0.50	07	Service Rig	8854	8854	NIH	
16:00	14.00	02	Drill F/ 8854' T/ 9134' -280' - 20 fph - wob 12 rpm 50 gpm 405	8854	9134	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/10/2009	Days From Spud :	57	Current Depth :	9686 Ft	24 Hr. Footage Made :	552 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	8.00	02	Drilling F/ 9134' T/9351' - 217' -27.2 Fph - wob 15 rpm 50 gpm 405	9134	9351	NIH	
14:00	0.50	07	Service rig	9351	9351	NIH	
14:30	15.50	02	Drill F / 9315' T/9686' -371' -23.9 FPH -wob 15 rpm 50 gpm 405	9351	9686	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/11/2009	Days From Spud :	58	Current Depth :	9686 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	05	Circulate hole to trip	9686	9686	NIH	
7:00	6.00	06	Tooh - lay down motor & mwd	9686	9686	NIH	
13:00	3.00	21	Pu/ motor & mwd -orient mwd - tih to 7007'	9686	9686	NIH	
16:00	4.00	21	Slip & cut drilling line	9686	9686	NIH	
20:00	0.50	07	Service rig	9686	9686	NIH	
20:30	2.50	06	Tih - fill pipe @ 7200' - install rotating head	9686	9686	NIH	
23:00	0.50	03	Wash & ream F/ 9584' T / 9687'	9686	9686	NIH	
23:30	6.50	02	Drill F/ 9687' T/9717' 30' - 4.6 FPH WOB 22 - sliding - gpm 400	9686	9686	NIH	
Total:	24.00						

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Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	3/12/2009	Days From Spud :	59	Current Depth :	9941 Ft	24 Hr. Footage Made :	224 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	10.50	02	Slide & drill F/9717' T/9787' -70' -6.6fph wob 20 gpm 380 - rpm 45	9717	9787	NIH	
16:30	0.50	07	Service rig	9787	9787	NIH	
17:00	13.00	02	Slide & drill F/9787'T/9941'- 154'-11.8 FPH -wob 15 rpm 45- gpm 380	9787	9941	NIH	
6:00	0.00	21	Start 400psi back pressure @ 9728'	9941	9941	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/13/2009	Days From Spud :	60	Current Depth :	10176 Ft	24 Hr. Footage Made :	235 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	11.00	02	Drill F/9941' T/10129'-188' 17.1 FPH -wob 15 rpm 45 gpm 380	9941	10129	NIH	
17:00	0.50	07	Service rig	10129	10129	NIH	
17:30	1.50	02	Drill F/10129'T/10176'- 47'-31.3 FPH wob 15 rpm 45 gpm 380	10129	10176	NIH	
19:00	2.00	05	Circulate & conduction hole to log	10176	10176	NIH	
21:00	1.50	21	Spot 200 bbls 15# mud - pump 17# slug- 50 bbls	10176	10176	NIH	
22:30	6.50	06	Tooh / ld dir tools	10176	10176	NIH	
5:00	1.00	11	Ru/ loggers	10176	10176	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/14/2009	Days From Spud :	61	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	24.00	11	Log well with - Quad combo & dip meater	10176	10176	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/15/2009	Days From Spud :	62	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	24.00	11	Finish logging - trun rig over to completion	10176	10176	NIH	
Total:	24.00						

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<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>					
Activity Date :	3/16/2009	Days From Spud :	63	Current Depth :	10176 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	22.00	12	Run casing 127 jts of 52.9# sm90ss & 150 jts of 41# p-110	10176	10176	NIH
4:00	2.00	05	Circulate hole 1000' off bottom to clear 15# mud	10176	10176	NIH
Total:	24.00					

<b>Daily Summary</b>					
Activity Date :	3/17/2009	Days From Spud :	64	Current Depth :	10176 Ft
Formation :		Weather:		24 Hr. Footage Made :	235 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
5:59	0.00		3650 psi plug down - did not bump	0	0	NIH
6:00	4.00	12	Finish running casing - taged @ 10176'	0	0	NIH
10:00	2.00	21	Circulate bottoms up	0	0	NIH
12:00	6.00	13	Circulate hole while waiting on cement plug	0	0	NIH
18:00	3.00	12	Cement w/ 715 sks lead & 900 sks tail- start to displace	0	0	NIH
21:00	3.00	21	Circulating tool came loose after 20 bbls - pump 15 more bbls	0	0	NIH
0:00	0.02	21	Wait on welder	0	0	NIH
0:01	2.98	21	Cut off 7" casing weld on plate & union	0	0	NIH
3:00	2.98	21	Ru/hallibuton - pump down casing to clear cement- shut well in; 3650 psi plug down - did not bump	0	0	NIH
Total:	23.98					

<b>Daily Summary</b>					
Activity Date :	3/18/2009	Days From Spud :	65	Current Depth :	10176 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.50	21	Flush out choke manifold & gas buster	0	0	NIH
7:30	3.00	14	Nipple down bops, set slips @ 100,000	0	0	NIH
10:30	7.50	13	Wait on cement	0	0	NIH
18:00	9.00	21	Cut off - set out bop stack - install well head & test to 10,000 psi	0	0	NIH
3:00	3.00	21	Clean floor - prep to start completion-	0	0	NIH
Total:	24.00					

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Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	3/19/2009	Days From Spud :	66	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	21	Cut drilling line	0	0	NIH	
7:00	11.00	21	Rig down flair line & kill manifold - nu/bop - clean pits	0	0	NIH	
18:00	12.00	21	Wait on tubing	0	0	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/20/2009	Days From Spud :	67	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	4.50	21	Unload & strap 2 7/8" tubing	0	0	NIH	
10:30	5.50	21	PU/ bit & bit sub - tih	0	0	NIH	
16:00	1.50	21	Strap 2nd layer of pipe	0	0	NIH	
17:30	6.50	21	Taged @ 10140'	0	0	NIH	
0:00	3.00	06	Tooh - lay down bit & bit sub - pick up scrapper	0	0	NIH	
3:00	3.00	06	Tih to 6025' top of heavy casing	0	0	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/21/2009	Days From Spud :	68	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	06	TIH w/ scrapper to 6025'	0	0	NIH	
7:00	2.50	06	TOH Id/ 6"scrapper	0	0	NIH	
9:30	0.50	07	Service rig	0	0	NIH	
10:00	3.00	06	TIH to 10140" w/ 5.4" scrapper	0	0	NIH	
13:00	3.00	21	Ri/ halliburton - to test casing - @ 6700 psi casing started to take fluid	0	0	NIH	
16:00	3.00	06	RD/halliburton - tooh	0	0	NIH	
19:00	3.50	21	Close blind rams - pump 50 bbls for temp log	0	0	NIH	
22:30	4.50	21	RU/Weatherford & run temp log - Fluid log shows fluid going down	0	0	NIH	
3:00	3.00	11	RUN bond log	0	0	NIH	
6:00	0.00	21	Pumped 1.5 bbls/pm @ 6500 psi	0	0	NIH	
Total:	24.00						

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Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	3/22/2009	Days From Spud :	69	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	11	Finish bond log	0	0	NIH	
7:00	0.50	07	Service rig	0	0	NIH	
7:30	22.50	21	Wait on bridge plugs	0	0	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/23/2009	Days From Spud :	70	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	6.50	21	Wait on bridge plugs	0	0	NIH	
12:30	1.50	21	Run gauge ring	0	0	NIH	
14:00	1.50	21	Wait on bridges	0	0	NIH	
15:30	2.00	21	wire line set 1st plug	0	0	NIH	
17:30	1.00	21	Test plug to 7000 psi	0	0	NIH	
18:30	1.50	21	wire line set 2nd plug @ 10126'	0	0	NIH	
20:00	1.00	21	Test plug to 10,000 psi , lost 70 # in 10 min.	0	0	NIH	
21:00	1.00	21	RD/ wire lin truck - ru/wiper head	0	0	NIH	
22:00	3.00	21	Trip in hole with tubing	0	0	NIH	
1:00	2.50	05	Circulate hole with diesel	0	0	NIH	
3:30	2.50	06	Tooh	0	0	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/24/2009	Days From Spud :	71	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.00	07	ND/ stripple head- NU/ Lubricator	0	0	NIH	
8:00	7.00	21	Wait on orders & wait on Halliburton loggers	0	0	NIH	
15:00	3.00	11	Rig up Halliburton to bond log	0	0	NIH	
18:00	4.00	11	Run radial bond log	0	0	NIH	
22:00	8.00	21	Wait on orders	0	0	NIH	
Total:	24.00						

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<b>Well Name: State 16-42</b>					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

<b>Daily Summary</b>					
Activity Date :	3/25/2009	Days From Spud :	72	Current Depth :	10176 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

<b>Operations</b>					
Start	Hrs	Code	Remarks	Start Depth	End Depth
6:00	6.50	21	Wait on orders	0	0
Total:	6.50				

<b>Formation</b>					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

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1700 Lincoln Street, Suite 4600  
 Denver, CO 80203  
 (303) 893-3133

Wellwork Chronological Report

Well Name : State 16-42						
Prospect:	Green Town			AFE #:	080601	
Sec/Twp/Rge:	16 / 22S / 17E			AFE Total:	\$7,856,000	
API #:	43-019-31605	Field:	Green Town	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Dan Carroll	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Wellwork Details									
Date :	3/25/2009	Days:	1	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Perforate		Rig Name:						
Daily Report Summary :									
Daily Report Detail: Wait on orders; Perf well 10086' -10094' - 4 shots per ft - with 3000psi - after; perf 3050psi - pull perf guns - 2400 psi -well bleed down - no flow; Watch for flow & wait on plug; TIH to 10120' to set cement plug; Wait on cement crew									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Wait on orders; Perf well 10086' -10094' - 4 shots per ft - with 3000psi - after; perf 3050psi - pull perf guns - 2400 psi -well bleed down - no flow; Watch for flow & wait on plug; TIH to 10120' to set cement plug; Wait on cement crew						
Date :	3/26/2009	Days:	2	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail: Wait on Halliburton; Rig up Halliburton set plug F/10120'T/9950' 30 sks cement; Trip out of hole - close blind rams; Wait on cement; Test cement plug to 7000psi - lost 185 psi in 10 mins; Run gage ring tagged up @ 9571'; Nd/ pack off - nu/ stripper hear; Pu/ bit & scrapper tih; Shut down high wind; Tripping in hole with scrapper									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Wait on Halliburton; Rig up Halliburton set plug F/10120'T/9950' 30 sks cement; Trip out of hole - close blind rams; Wait on cement; Test cement plug to 7000psi - lost 185 psi in 10 mins; Run gage ring tagged up @ 9571'; Nd/ pack off - nu/ stripper hear; Pu/ bit & scrapper tih; Shut down high wind; Tripping in hole with scrapper						
Date :	3/27/2009	Days:	3	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well		Rig Name:						
Daily Report Summary :									
Daily Report Detail: TIH tagged @ 9935'; TOOH; Run gage ring - made 3 runs -unable to get to bottom -tagged @ 9735'; TIH tagged @ 9935'; Rigged up power swivel; Circulated hole - recovered cement; Rig down swivel; TOOH; Pull wiper head									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : TIH tagged @ 9935'; TOOH; Run gage ring - made 3 runs -unable to get to bottom -tagged @ 9735'; TIH tagged @ 9935'; Rigged up power swivel; Circulated hole - recovered cement; Rig down swivel; TOOH; Pull wiper head						

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Well Name : State 16-42						
Prospect:	Green Town			AFE #:	080601	
Sec/Twp/Rge:	16 / 22S / 17E			AFE Total:	\$7,856,000	
API #:	43-019-31605	Field:	Green Town	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Dan Carroll	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date:	3/28/2009	Days:	4	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
From 6:00 To 8:00	2 hrs	Category/Rmks:	Other : Run gauge ring to 9938'						
From 8:00 To 9:30	1.5 hrs	Category/Rmks:	Other : Set cibp @ 9935'						
From 9:30 To 11:00	1.5 hrs	Category/Rmks:	Test : Test cibp to 10,000 psi						
From 11:00 To 13:00	2 hrs	Category/Rmks:	Other : Perf well 9994-9990' - 9738 - 9741' - 4 shots per/ft						
From 13:00 To 14:00	1 hrs	Category/Rmks:	Other : RD/ weatherford						
From 14:00 To 19:00	5 hrs	Category/Rmks:	Other : PU/ packer tih set						
From 19:00 To 21:00	2 hrs	Category/Rmks:	Test : RU/ Halliburton for dfit test						
From 21:00 To 22:00	1 hrs	Category/Rmks:	Test : Start dfit test - @ 2493psi - pressure started up on backside						
From 22:00 To 1:00	3 hrs	Category/Rmks:	Other : Move packer up 1 joint test - still conuncated to backside - pull to above						
From 1:00 To	0 hrs	Category/Rmks:	Other : perfs test packer - packer ok - test 1 joint lower - comucation to backside						
From 0:00 To	0 hrs	Category/Rmks:	: pull packer above all perfs						
From 1:00 To 3:00	2 hrs	Category/Rmks:	Test : Pump Dfit test- pump 1000 gal diesel @ 2.3 bpm @ 7342 psi-						
From 3:00 To 6:00	3 hrs	Category/Rmks:	Test : 30 min shut in 6912 psi-hold 2500 psi on backside during dfit test, watch pis for dfit test record pressure every 3 esconds for 24 hrs						

Date:	3/29/2009	Days:	5	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
DFIT test; Release pressure - un seat packer; TOOH									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : DFIT test; Release pressure - un seat packer; TOOH						

Date:	3/30/2009	Days:	6	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
Trip out hole - lay down packer; Nipple down bop - nipple up frac tree; Wait on orders; Nipple down frac - tree nipple up bop; Pick up packer; Wait on wind to lay - ( wind 60-80 mph high - 40-50 low ); TIH - set packer @ 9907'; Rig up Halliburton - hold safety meeting									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Trip out hole - lay down packer; Nipple down bop - nipple up frac tree; Wait on orders; Nipple down frac - tree nipple up bop; Pick up packer; Wait on wind to lay - ( wind 60-80 mph high - 40-50 low ); TIH - set packer @ 9907'; Rig up Halliburton - hold safety meeting						

Date:	3/31/2009	Days:	7	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
Test cibp - have leak in tubing; Service rig; Set plug in tubing to find leak; Test cibp - have leak in tubing; Tooh testing tubing every 20 stands looking for leak - pipe held w/15 stands & single in hole; Rig up slick line truck pull plug									
From 6:00 To 9:30	3.5 hrs	Category/Rmks:	Test : Test cibp - have leak in tubing						
From 9:30 To 10:00	0.5 hrs	Category/Rmks:	Other : Service rig						
From 10:00 To 13:00	3 hrs	Category/Rmks:	Other : Set plug in tubing to find leak						
From 13:00 To 22:00	9 hrs	Category/Rmks:	Other : Wait on wind to lay						
From 22:00 To 4:30	6.5 hrs	Category/Rmks:	Test : Tooh testing tubing every 20 stands looking for leak - pipe held w/15 stands & single in hole						
From 5:00 To 5:01	.02 hr	Category/Rmks:	: 15 stands & single in hole						
From 5:01 To 6:00	.98 hr	Category/Rmks:	Other : Rig up slick line truck pull plug						

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Well Name : State 16-42						
Prospect:	Green Town			AFE #:	080601	
Sec/Twp/Rge:	16 / 22S / 17E			AFE Total:	\$7,856,000	
API #:	43-019-31605	Field:	Green Town	This AFE Cost:	\$0	
Work Type:	Completion	County , St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Dan Carroll	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date :	4/1/2009	Days:	8	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :		
Daily Report Detail:		Stage in hole testing tubing - layed down 4 Jts - change out 7 collars; tubing stacked out @ 8200' - packer trouble -Ru/ slike line pull tubing plug; Pooh; Change out packers; Tih with 25 stands & 1 jt; test tubing - pull up hole to get tubing to test - 120 psi - 200 psi drop; in 1 min - pull untill testing 1 joint & tuning plug - unable to test; wait on orders
From 6:00 To 11:30	5.5 hrs	Category/Rmks: Other : Stage in hole testing tubing - layed down 4 Jts - change out 7 collars
From 11:30 To 15:00	3.5 hrs	Category/Rmks: Other : tubing stacked out @ 8200' - packer trouble -Ru/ slike line pull tubing plug
From 15:00 To 17:00	2 hrs	Category/Rmks: POOH : Pooh
From 17:00 To 18:00	1 hrs	Category/Rmks: Other : Change out packers
From 18:00 To 6:00	12 hrs	Category/Rmks: TIH : Tih with 25 stands & 1 jt; test tubing - pull up hole to get tubing to test - 120 psi - 200 psi drop; in 1 min - pull untill testing 1 joint & tuning plug - unable to test; wait on orders

Perforation						
Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
3/25/2009		Plugged Back	10086	10094	4	

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**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>ML 48144</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>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>N/A</b>
2. NAME OF OPERATOR: <b>Fidelity Exploration and Production Company</b>		8. WELL NAME and NUMBER: <b>State 16-42</b>
3. ADDRESS OF OPERATOR: 2585 Heartland drive      CITY <b>Sheridan</b> STATE <b>WY</b> ZIP <b>82801</b>		9. API NUMBER: <b>4301931605</b>
PHONE NUMBER: <b>(307) 675-4924</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **2108' FNL & 559' FEL**      COUNTY: **Grand**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENE 16 22S 17E S**      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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>4/1/2009</b>	<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: <b>Chronological report</b>
	<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.

Please find attached a complete chronological drilling and completion history report covering the period of 1/12/2009 thru 4/1/2009.

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>

(This space for State use only)

**FEPCo**

1700 Lincoln Street, Suite 4600  
 Denver, CO 80203  
 (303) 893-3133

**Drilling Chronological**

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA
Project AFE:	080601	AFEs Associated:	/ / /		

Daily Summary					
Activity Date :	1/12/2009	Days From Spud :	-1	Current Depth :	0 Ft
Formation :		Weather:			
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
	0.00	01	Set surface casing	0	0	NIH
Total:	0.00					

Daily Summary					
Activity Date :	1/23/2009	Days From Spud :	11	Current Depth :	399 Ft
Formation :		Weather:			
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	01	Rig up air - test lines - prep to spud	0	256	1
11:00	2.00	02	pick up hammer & bit - install rotating head rubber	256	399	1
13:00	5.00	02	Drill F / 80' T / 336' - 256' - 51 FPH - 4000 scf	0	0	NIH
18:00	0.50	02	Wls @ 300' - .75 drg - az 173.1	0	0	NIH
18:30	2.50	02	Drill F / 336' T / 399' - 63' 25 Fph - 4000 Scf	0	80	NIH
21:00	0.50	21	Tooh - bit broken - left 2 peices in hole	0	0	NIH
21:30	3.50	21	Slip & cut drilling line - service rig	0	0	NIH
1:00	1.00	21	Lay down rotating head rubber	0	0	NIH
2:00	3.00	21	Wait on magnet & junk basket	0	0	NIH
5:00	1.00	06	pick up magnet - tih	0	0	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/24/2009	Days From Spud :	12	Current Depth :	399 Ft
Formation :		Weather:			
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	19	Make 3 runs with magnet - no luck picking up fish	0	0	NIH
11:00	0.50	07	Service rig	0	0	NIH
11:30	13.50	21	Wait on 15" wash pipe Pick up wash pipe; TIH	0	0	NIH
1:00	2.00	19	Try to cut over fish	0	0	NIH
3:00	1.00	06	Trip out hole lay down wash pipe	0	0	NIH
4:00	2.00	21	PU Magnet; TIH; Work to pick up fish	0	0	NIH
Total:	24.00					

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	1/25/2009	Days From Spud :	13	Current Depth :	399 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	19	Trip out hole with magnet-No fish	0	0	NIH
6:30	1.50	21	Strap in hole with 12 joints of drill pipe - stand back in derrick	0	0	NIH
8:00	10.00	13	Wait on cement for Plug back	0	0	NIH
18:00	0.50	06	TIH to spot plug	0	0	NIH
18:30	1.00	21	Set plug w/400 sks class G	0	0	NIH
19:30	0.50	06	TOOH	0	0	NIH
20:00	10.00	13	WOC	0	0	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/26/2009	Days From Spud :	14	Current Depth :	399 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	13	WOC; While WOC lay down DP; PU Dir Tools ; Time drilling to bid angle; Unable to keep water in pits	0	0	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/27/2009	Days From Spud :	15	Current Depth :	399 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	24.00	21	Time drill 5 min to in F/173' T/175'; Install rotating head rubber; Drill F/175' T/233'; Slide drill 600 gpm-1000 scfpm; Time drill F/233' T/247'; 5min/inch-600 gpm-1000 scfpm	0	0	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/28/2009	Days From Spud :	16	Current Depth :	565 Ft
Formation :		Weather:		24 Hr. Footage Made :	166 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	9.00	02	Time drill F/247' T/ 275' - 5min/inc - 600gpm - 1000 scfpm	275	275	NIH
15:00	0.50	21	service rig	275	275	NIH
15:30	5.50	02	Drill F/275' T / 488' - rotating - 600 gpm - 1000scf/pm	275	488	NIH
21:00	1.00	21	Circ & cond hole to tooh	488	488	NIH
22:00	2.00	06	Tooh lay down dir tools	488	488	NIH
0:00	4.00	21	Pick up air hammer & tih , install rotating head rubber	488	488	NIH
4:00	2.00	02	Drill F/ 488' T /565' - 77' 38.5FPH - 4000 scfph	488	565	NIH
Total:	24.00					

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	1/29/2009	Days From Spud :	17	Current Depth :	1520 Ft
Formation :		Weather:		24 Hr. Footage Made :	955 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	02	Drill F / 565' T / 642' - 77' - 77' fph- 4000 scfpm	0	0	NIH
7:00	0.50	21	Wls @ 600' - 1.5 drg 202.7 az	0	0	NIH
7:30	9.00	02	Drill F 642' T / 1072' -430' - 47.8 Fph - 4000 scfpm	1072	1430	NIH
16:30	0.50	21	Wls @ 1010' - .9 drg - 181.4 az - service rig	1430	1430	NIH
17:00	8.50	02	Drill F / 1072' T / 1520' - 448' - 52.7 Fph	1430	1520	NIH
1:30	1.00	21	Blow hole clean	1520	1520	NIH
2:30	1.50	21	Wiper trip	1520	1520	NIH
4:00	1.00	21	Blow hole clean - wls - 0.1 drg -217.9 az	1520	1520	NIH
5:00	1.00	06	Tooh to run casing & cement	1520	1520	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/30/2009	Days From Spud :	18	Current Depth :	1520 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	21	Lay down hammer	1520	1520	NIH
7:00	5.00	12	Run casing 36 joints of J-55 68# 13 3/8	1520	1520	NIH
12:00	1.00	12	Rig down casing crew & lady down truck	1520	1520	NIH
13:00	2.00	12	Cement first stage 100 sks lead 390 sks tail	1520	1520	NIH
15:00	4.00	05	Circulate hole to woc	1520	1520	NIH
19:00	2.00	12	Cement second stage - 275 sks lead - 50 sks tail - circulate 88 sks to surf	1520	1520	NIH
21:00	4.00	13	woc	1520	1520	NIH
1:00	5.00	09	Cut off - install well head - nu/bop	1520	1520	NIH
Total:	24.00					

Daily Summary					
Activity Date :	1/31/2009	Days From Spud :	19	Current Depth :	1520 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	19.00	14	Nipple up Bops & tes 250# low - 5000# high	1520	1520	NIH
1:00	1.00	21	Install wear bushing	1520	1520	NIH
2:00	1.50	06	Tth tag dv tool @ 752'	1520	1520	NIH
3:30	2.50	21	Pick up kelly drill dv tool	1520	1520	NIH
Total:	24.00					

CONFIDENTIAL

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/1/2009	Days From Spud :	20	Current Depth :	1955 Ft
Formation :		Weather:		24 Hr. Footage Made :	435 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	02	Drill DV Tool & Shoe track	1520	1520	NIH
9:30	0.50	02	Drill F /1520' T/ 1550' - 30' - 60 Fph - 4000 scfph	1520	1550	NIH
10:00	3.50	21	Tooh - lay down 5" drill pipe - pu/ hammer bit	1550	1550	NIH
13:30	1.50	06	Tih - pick up 4.5" drill pipe	1550	1550	NIH
15:00	4.00	02	Drill F / 1550' T / 1690' -140' -40 FPH Misting 4000 Scfpm	1550	1690	NIH
19:00	4.00	21	Wait on welder - weld orbit vale	1690	1690	NIH
23:00	2.00	02	Drill F / 1690' T/ 1845' - 155' - 77.5 Fph- mist 4000 Scfpm	1690	1845	NIH
1:00	3.00	21	Remove orbit vale - from flow line	1845	1845	NIH
4:00	2.00	20	Drill F /1845' T / 1955' - 110' -55 Fph - mist 4000 Scfpm	1845	1955	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/2/2009	Days From Spud :	21	Current Depth :	3079 Ft
Formation :		Weather:		24 Hr. Footage Made :	1124 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	02	Drill F / 1955' T / 2067' - 112' - 112 Fph - mist 4000 scfph	1955	2067	NIH
7:00	0.50	21	Wls @ 2020' - 1.1 drg - 264.9 az	2067	2067	NIH
7:30	6.50	02	Drill F / 2067' T / 2562' -495' - 76.2 Fph - mist 4000 Scfph	2067	2562	NIH
14:00	0.50	07	Service rig	2562	2562	NIH
14:30	0.50	21	Wls @ 2520' 0.9 dir - 243.9 az	2562	2562	NIH
15:00	7.00	02	Drill F / 2562' T / 3055 -493' -70.4 Fph - mist 4000 Scfpm	2562	3055	NIH
22:00	0.50	21	Wls @ 2998 2.2 drg 211.8 az	3055	3055	NIH
22:30	2.50	05	Cric hole to check for water flow - circ hole clean to trip for bit	3055	3055	NIH
1:00	1.00	06	Tooh to change bits	3055	3055	NIH
2:00	1.00	21	Lay down hammer pick up new mammer & bit	3055	3055	NIH
3:00	2.00	06	Tih with bit # 6	3055	3055	NIH
5:00	0.50	21	Install rotating head rubber	3055	3055	NIH
5:30	0.50	02	Drill F / 3059' T / 3079' - 20' - 40 FPH - mist 4000 Scfpm	3055	3079	NIH
Total:	24.00					

CONFIDENTIAL

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/3/2009	Days From Spud :	22	Current Depth :	3556 Ft
Formation :		Weather:		24 Hr. Footage Made :	477 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	03	ream to bottom	3079	3079	NIH
6:30	5.00	02	Drill F / 3059' T / 3308' -249' - 49.8 FPH -mist - 4000 Scfpm	3079	3308	NIH
11:30	0.50	07	Service rig	3308	3308	NIH
12:00	0.50	21	Wis @ 3308' 2.8 drg 205.5 az	3308	3308	NIH
12:30	5.00	02	Drill F / 3308' T / 3556' -248' -49.6FPH - mist - 4000Scfpm	3308	3556	NIH
17:30	1.00	21	Wis @ 3510 - 3.6 inc - 96.4 az	3556	3556	NIH
18:30	2.00	05	Circ - blow hole clean	3556	3556	NIH
20:30	1.50	06	Tooh	3556	3556	NIH
22:00	2.50	21	Lay down hammer & 6" monel - pick up pdc ,motor & 8" monel	3556	3556	NIH
0:30	2.50	21	Scribe motor - tih	3556	3556	NIH
3:00	3.00	03	Tight @ 2570 - ream in hole	3556	3556	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/4/2009	Days From Spud :	23	Current Depth :	3556 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.00	21	Wash & ream in hole	3556	3556	NIH
10:00	4.00	21	Slide & rotate - F/ 3556' T / 3656' - survey @ 3595' 2.8drg - 155.0 az -	3556	3556	NIH
14:00	0.50	07	Service rig while circulateing hole	3556	3556	NIH
14:30	0.50	05	Circulate hole clean	3556	3556	NIH
15:00	1.00	06	Tooh - 7 joints tight spot kelly up to work through	3556	3556	NIH
16:00	8.50	21	Work stuck pipe while waiting on surface jars	3556	3556	NIH
0:30	3.50	21	Pick up surface jars, work to free pipe	3556	3556	NIH
4:00	2.00	21	Start out hole pumping each joint untill pipe frees up	3556	3556	NIH
Total:	24.00					

CONFIDENTIAL

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/5/2009	Days From Spud :	24	Current Depth :	3079 Ft
Formation :		Weather:		24 Hr. Footage Made :	-477 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	06	TOOH	3079	3079	NIH
7:00	3.50	21	LAY DOWN 9 5/8 MOTOR & 8" DC - PICK UP 8" MOTOR & 6.25" DC	3079	3079	NIH
10:30	1.50	06	Tih - tag @ 2870'	3079	3079	NIH
12:00	2.00	03	Ream tight hole 2870' - 3000'	3079	3079	NIH
14:00	1.00	21	Jar stuck pipe - jar 2 joints out - pipe came free	3079	3079	NIH
15:00	1.00	05	Circulate hole for tooh	3079	3079	NIH
16:00	2.00	06	Tooh lay down dir tools	3079	3079	NIH
18:00	2.00	06	Tih with tri cone bit	3079	3079	NIH
20:00	5.50	03	Reame hole F/ 2866' T / 3001'	3079	3079	NIH
1:30	0.50	21	Run in hole to 3400' - Lay down 2 joints - work pipe - stuck pipe	3079	3079	NIH
2:00	4.00	21	Jarring on stuck pipe	3079	3079	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/6/2009	Days From Spud :	25	Current Depth :	3079 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.00	21	Jar on Stuck pipe, jars quit. Bit depth 3371', T.D. 3656	3079	3079	NIH
9:00	2.00	21	Wait on wireline truck f/ freepoint, work stuck pipe	3079	3079	NIH
11:00	4.00	21	Rig Weatherford wireline, run freepoint, stuck @ bit 3371	3079	3079	NIH
15:00	2.00	21	Run shot for backoff, back off 2d.c's above bit 3305-Pull w/ 40k drag f/70'	3079	3079	NIH
17:00	6.00	06	TOH slowly, clear catwalk	3079	3079	NIH
23:00	3.50	19	Pick up fishing tools, make up same,	3079	3079	NIH
2:30	2.00	06	TIH, lay down singles, TIH tag bridge @ 2880	3079	3079	NIH
4:30	1.50	21	Kelly up, wash, pump 60bbl sweep, c/o to 2905'	3079	3079	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/7/2009	Days From Spud :	26	Current Depth :	8181 Ft
Formation :		Weather:		24 Hr. Footage Made :	5102 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	10.50	02	Drill F / 7780' T / 7983' -203' - 19.3 Fph wob 12 rpm 40 gpm	7780	7983	NIH
16:30	0.50	07	Service rig	7983	7983	NIH
17:00	13.00	02	Drill F / 7983' T / 8181' - 198' - 15.3 Fph- wob 15 rpm 50 -gpm 400	7983	8181	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/8/2009	Days From Spud :	27	Current Depth :	3079 Ft
Formation :		Weather:		24 Hr. Footage Made :	-5102 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	21	Tighten swivel connections	3079	3079	NIH
7:00	3.00	03	Run in 2 stands, ream f/ 2915 to 2936	3079	3079	NIH
10:00	2.00	21	Pump sweeps, pick up to 2915, reream to 2936, spot pill, reaming better,	3079	3079	NIH
12:00	3.00	03	Reaming f/ 2936 to TOF (figured depth 3326)	3079	3079	NIH
15:00	3.00	05	Circ con. mud, pump sweeps, clean hole, approx. 100bbls of cuttings back.	3079	3079	NIH
18:00	3.00	21	Pump slug, TOH to heviwate check breaks, TIH stop @ 3260	3079	3079	NIH
21:00	1.00	03	Ream f/ 3260 to 3326, TOF	3079	3079	NIH
22:00	1.00	05	Circ., pump sweeps, circ clean	3079	3079	NIH
23:00	3.00	21	Pump slug, TOH	3079	3079	NIH
2:00	1.00	19	Make up fishing tools	3079	3079	NIH
3:00	3.00	06	TIH (3266' @ 0600) TOF 3326	3079	3079	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/9/2009	Days From Spud :	28	Current Depth :	3656 Ft
Formation :		Weather:		24 Hr. Footage Made :	577 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	03	Ream, Wash f/ 3326 to 3323	0	0	NIH
8:00	2.00	19	Work 8 1/8 wash shoe over fish. Pk up sgl. screw into fish. Begin jarring	0	0	NIH
10:00	0.00	21		0	0	NIH
Total:	4.00					

Daily Summary					
Activity Date :	2/10/2009	Days From Spud :	29	Current Depth :	3770 Ft
Formation :		Weather:		24 Hr. Footage Made :	114 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	05	Circulate sweep, cuttings	0	0	NIH
6:30	3.50	06	TOH	0	0	NIH
10:00	4.00	21	Pick up mud motor, 12 1/4 BHA, MWD, scribe and check tools	0	0	NIH
14:00	2.00	21	TIH, check MWD, reset surface ground, recheck	0	0	NIH
16:00	1.00	06	TIH to 2964' tight (spot)	0	0	NIH
17:00	3.00	03	Ream f/ 2964 to 2995 (slow reaming) Circ. up sweep	0	0	NIH
20:00	0.50	21	Run in 5sgls trip in 2 stands, to 3119	0	0	NIH
20:30	1.50	03	Ream f/ 3119 to 3274 (slow)	0	0	NIH
22:00	0.50	21	Run in 5sgls to 3424	0	0	NIH
22:30	3.50	03	Ream f/ 3424 (slow) to 3656	0	0	NIH
2:00	4.00	02	Drilling/Slide F/ 3656 to 3770	0	0	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/11/2009	Days From Spud :	30	Current Depth :	3800 Ft
24 Hr. Footage Made :			30 Ft		
Formation :			Weather:		
Rig Company :			Rig Name:		
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	02	Drilling f/ 3770 to 3794(14-9'hr)	3770	3794	NIH
9:30	3.00	21	Slowed to 4'hr, bring on air 1500cfm,450gpm mud,would not drill-2'hr	3794	3794	NIH
12:30	5.00	21	Slug pipe,TOH,bit wore out missing cutters. Drill pipe count 1single off	3794	3794	NIH
17:30	2.00	21	Depth 3764.weld, install flowline to gas buster line	3794	3794	NIH
19:30	4.50	03	Make up Bit #9 TIH, (NO TIGHT SPOTS) to 3711	3794	3794	NIH
0:00	1.00	03	Wash and ream 3711 to 3764(T.D.)	3794	3794	NIH
1:00	1.00	02	Drilling from 3764 (time drill 5' to 3769)	3794	3794	NIH
2:00	1.00	02	Drilling f/ 3769 to 3800	3794	3800	NIH
3:00	3.00	21	Slide f/ 3800 to 3810	3800	3800	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/12/2009	Days From Spud :	31	Current Depth :	3800 Ft
24 Hr. Footage Made :			0 Ft		
Formation :			Weather:		
Rig Company :			Rig Name:		
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	21	Slide f/ 3810 to 3835 (6-9'hr)	3800	3800	NIH
9:30	5.50	21	Rotate f/ 3835 to 3897 (13-15'hr)	3800	3800	NIH
15:00	2.50	21	Sliding f/ 3897 to 3918 (14'hr)	3800	3800	NIH
17:30	6.00	21	Rotate f/ 3918 to 3991 (15'hr)	3800	3800	NIH
23:30	3.00	21	Slide f/ 3991 to 4013 (7'hr)	3800	3800	NIH
2:30	3.50	21	Rotate f/ 4013 to 4045 (9'hr)	3800	3800	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/13/2009	Days From Spud :	32	Current Depth :	4230 Ft
24 Hr. Footage Made :			430 Ft		
Formation :			Weather:		
Rig Company :			Rig Name:		
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	02	Drilling f/4045 to 4082	3800	3800	NIH
10:30	0.50	21	Pump sweep, slug	3800	3800	NIH
11:00	3.00	06	TOH Brk bit check ubho	3800	3800	NIH
14:00	0.50	21	Service rig	3800	3800	NIH
14:30	3.50	21	Make up bit #10 TIH to 4022	3800	3800	NIH
18:00	0.50	03	Ream f/ 4022 to 4082	3800	3800	NIH
18:30	2.50	02	Drilling f/ 4082 (2 pumps 650gpm-14'-17hr)	3800	3800	NIH
21:00	2.00	02	Drilling w/ 1 pump (chg swab, liner)7'hr	3800	3800	NIH
23:00	7.00	02	Drig f/ 4130 to 4230, (650gpm, 14-19'hr)	3800	3800	NIH
Total:	24.00					

**CONFIDENTIAL**

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary							
Activity Date :	2/14/2009	Days From Spud :	33	Current Depth :	4510 Ft	24 Hr. Footage Made :	280 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	10.00	01	Drilling f/ 4230 to 4367-13'hr	0	0	NIH	
16:00	0.50	07	Service Rig	0	0	NIH	
16:30	1.50	21	Sliding f/ 4367 to 4398- 7-8'hr	0	0	NIH	
18:00	12.00	02	Drilling f/ 4398 to 4510 15' hr(drill w/ 1 pump .5hr)	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	2/15/2009	Days From Spud :	34	Current Depth :	4647 Ft	24 Hr. Footage Made :	137 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	4.00	02	"Drilling f/ 4510 to 4553 (12-15'hr) (Survey 2.6d, 192.1az)"	0	0	NIH	
10:00	5.00	21	Slide f/ 4553 to 4584(6-7'hr)	0	0	NIH	
15:00	0.50	07	Service rig	0	0	NIH	
15:30	4.50	02	"Drilling f/ 4584 to 4647(14'hr) (Survey 3.2d, 182.3az)"	4584	4647	NIH	
20:00	1.50	21	Slide f/ 4647 to 4655	4647	4647	NIH	
21:30	1.00	21	Mix and pump slug, clear vidor	4647	4647	NIH	
22:30	0.50	06	TOH, lay dn. 8 singles	4647	4647	NIH	
23:00	3.50	06	TOH, change mud motors, mwd,bits	4647	4647	NIH	
2:30	2.50	06	TIH to 2872 (stopped)	4647	4647	NIH	
5:00	1.00	03	Ream f/ 2872 to 3000	4647	4647	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	2/16/2009	Days From Spud :	35	Current Depth :	4930 Ft	24 Hr. Footage Made :	283 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.50	03	Spot ream f/ 3000' to 3265	4647	4647	NIH	
7:30	0.50	21	Run in stands to 4465	4647	4647	NIH	
8:00	1.50	03	Ream f/ 4465, survey ev. 30' to 4655	4647	4647	NIH	
9:30	1.50	21	Slide f/ 4655 to 4679 (16'hr)	4647	4647	NIH	
11:00	2.00	02	Drilling f/ 4679 to 4710(15.5'hr)	4647	4647	NIH	
13:00	2.00	21	Slide f/ 4710 to 4723(6'hr)	4647	4647	NIH	
15:00	1.00	02	Drilling f/ 4723 to 4741,(Survey@ 4690- 2.6 190.7az)(18'hr)	4647	4741	NIH	
16:00	0.50	07	Service rig	4741	4741	NIH	
16:30	3.00	21	Slide f/ 4741 to 4772 (10'hr)	4741	4741	NIH	
19:30	10.50	02	Drilling f/ 4772 to 4930(Survey @4783-1.9d, 193.2az)	4741	4930	NIH	
Total:	24.00						

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/17/2009	Days From Spud :	36	Current Depth :	5105 Ft
Formation :		Weather:		24 Hr. Footage Made :	175 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	6.00	02	Drilling f/ 4930 to 5020 (15'hr)	4930	5020	NIH
12:00	1.50	21	Working on MWD, surface problem	5020	5020	NIH
13:30	2.00	02	Drilling f/ 5020 to 5051 (16'hr)	5020	5051	NIH
15:30	1.00	21	Work on MWD, new surface equip. on the way	5051	5051	NIH
16:30	4.50	02	Drilling f/ 5051 to 5105, Slowed to 7-5'hr	5051	5105	NIH
21:00	2.00	02	Drilling f/ 5105, attempt to increase P.R. 4-5'hr	5105	5105	NIH
23:00	0.50	10	Try to survey, got survey(5062', 2.3d, 203az)	5105	5105	NIH
23:30	2.50	21	Pump slug, TOH, pull mwd, brk bit	5105	5105	NIH
2:00	3.00	21	Install pulse mwd, gamma tool, TIH, install rot. rubber, test mwd@ 2200'	5105	5105	NIH
5:00	1.00	06	TIH	5105	5105	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/18/2009	Days From Spud :	37	Current Depth :	5370 Ft
Formation :		Weather:		24 Hr. Footage Made :	265 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.50	21	TIH to 4890	5105	5105	NIH
6:30	1.00	03	Wash, ream f/ 4890 to 5113	5105	5113	NIH
7:30	2.50	02	Break in bit, Drill f/ 5113 to 5137	5113	5137	NIH
10:00	3.00	21	Slide f/ 5137 to 5165 (10'hr)	5137	5165	NIH
13:00	3.00	02	Drilling f/ 5165 to 5199 (12' hr)	5165	5199	NIH
16:00	0.50	07	Service rig	5199	5199	NIH
16:30	3.00	21	Slide f/ 5199 to 5230 (10'hr)	5199	5230	NIH
19:30	10.50	02	Drilling f/ 5230 to 5370 (13'hr)	5230	5370	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/19/2009	Days From Spud :	38	Current Depth :	5625 Ft
Formation :		Weather:		24 Hr. Footage Made :	255 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	11.00	02	Drilling f/ 5370 to 5509 (13'hr)	5370	5509	NIH
17:00	0.50	07	Service rig	5509	5509	NIH
17:30	4.00	02	Slide f/ 5509 to 5540 (9'hr)	5509	5540	NIH
21:30	8.50	02	Drilling f/ 5540 to 5625 (11'hr)	5540	5625	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/20/2009	Days From Spud :	39	Current Depth :	5855 Ft
Formation :		Weather:		24 Hr. Footage Made :	230 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	1.00	07	Service rig, work on pump	5625	5625	NIH
7:00	4.00	02	Drilling f/5625 to 5663 (10'hr)	5625	5663	NIH
11:00	4.00	02	Slide f/ 5663 to 5694 (8'hr)	5663	5694	NIH
15:00	9.00	02	Drilling f/ 5694 to 5788(10.5'hr)	5694	5788	NIH
0:00	2.00	02	Slide f/ 5788 to 5815 (13'hr)	5788	5815	NIH
2:00	4.00	02	Drilling f/ 5815 to 5855 (10'hr)	5815	5855	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/21/2009	Days From Spud :	40	Current Depth :	6010 Ft
Formation :		Weather:		24 Hr. Footage Made :	155 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	02	Drilling f/ 5855 to 5912(11'hr)	5855	5912	NIH
11:30	4.00	02	Slide f/ 5912 to 5943 (8'hr)	5912	5943	NIH
15:30	0.50	07	Service rig	5943	5943	NIH
16:00	1.50	02	Drilling f/ 5943 to 5951, mix slug	5943	5951	NIH
17:30	3.00	21	Pump slug TOH	5951	5951	NIH
20:30	2.00	21	Change bits, TIH tight @ 3000'	5951	5951	NIH
22:30	1.00	03	Ream f/ 3000' to 3121	5951	5951	NIH
23:30	1.50	06	TIH to 5895	5951	5951	NIH
1:00	0.50	03	Ream f/ 5895 to 5951	5951	5951	NIH
1:30	4.50	02	Drilling f/ 5951 to 6010	5951	6010	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/22/2009	Days From Spud :	41	Current Depth :	6270 Ft
Formation :		Weather:		24 Hr. Footage Made :	260 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	02	Drilling f/ 6010 to 6035(13'hr)	6010	6035	NIH
8:00	0.50	21	Change corr. rings, take SPR's, survey	6035	6035	NIH
8:30	7.50	02	Drilling f/ 6035 to 6128 (12'hr)	6035	6128	NIH
16:00	0.50	07	Service rig	6128	6128	NIH
16:30	3.50	02	Drilling f/ 6128 to 6164 (10'hr)	6128	6164	NIH
20:00	2.50	02	Drilling w/1 pump f/ 6164 to 6180 (6.5'hr)	6164	6180	NIH
22:30	7.50	02	Drilling f/ 6180 to 6270 (12'hr)	6180	6270	NIH
Total:	24.00					

CONFIDENTIAL

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/23/2009	Days From Spud :	42	Current Depth :	6720 Ft
Formation :		Weather:		24 Hr. Footage Made :	450 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	02	Drilling f/ 6270 to 6324(12'hr)	6270	6324	NIH
10:30	3.00	02	Drilling f/ 6324 to 6426(35'hr.) Salt	6324	6426	NIH
13:30	1.00	02	Drilling f/ 6426 to 6439(13'hr)	6426	6439	NIH
14:30	0.50	07	Service rig	6439	6439	NIH
15:00	5.50	02	Drilling f/ 6439 to 6505 (12'hr)	6439	6505	NIH
20:30	2.00	02	Drilling f/ 6505 to 6563(30'hr) Salt	6505	6563	NIH
22:30	1.50	02	Slide f/ 6563 to 6595(23'hr) Salt	6563	6595	NIH
0:00	2.00	02	Drilling f/6595 to 6657(32'hr) Salt	6595	6657	NIH
2:00	2.00	02	"Slide f/ 6657 to 6695(20'hr) Salt (Survey 6631-3.2, 253.1)"	6657	6695	NIH
4:00	1.00	02	Slide w/ 1 pump 430gpm, f/ 6695 to 6705 (Salt)	6695	6705	NIH
5:00	1.00	02	Drill f/ 6705 to 6720	6705	6720	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/24/2009	Days From Spud :	43	Current Depth :	7072 Ft
Formation :		Weather:		24 Hr. Footage Made :	352 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.00		"Looking f/ shale, gamma reading 6-Salt Running 15-25 WOB due to angle"	7072	7072	NIH
6:00	10.50	02	Slide f/ 6720 to 6905(18'hr) Salt	6720	6905	NIH
16:30	0.50	07	Service rig	6905	6905	NIH
17:00	4.50	02	Sliding f/ 6905 to 6967 (14'hr)	6905	6967	NIH
21:30	2.00	02	Drilling f/ 6967 to 6998 (15'hr)	6967	6998	NIH
23:30	5.00	02	Sliding f/ 6998 to 7060 (12.5'hr)	6998	7060	NIH
4:30	1.50	02	Drilling f/ 7060 to 7072 (8'hr) Slowed to 6'hr @ 7064	7060	7072	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/25/2009	Days From Spud :	44	Current Depth :	7114 Ft
Formation :		Weather:		24 Hr. Footage Made :	42 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.00	02	Drilling f/ 7072 to 7114(slowed f/ 18' hr to 6'hr@ 7064)shale, limestone	7072	7114	NIH
11:00	1.50	21	Pump sweep, circ., pump slug	7114	7114	NIH
12:30	2.50	06	TOH to 2500,no excessive drag, TIH to 3629	7114	7114	NIH
15:00	0.50	03	Ream f/ 3629 to 3708	7114	7114	NIH
15:30	1.50	06	TIH to 7114	7114	7114	NIH
17:00	2.50	21	Circ., pump sweep	7114	7114	NIH
19:30	4.50	21	Slug pipe, TOH, lay dn.directional tools	7114	7114	NIH
0:00	6.00	11	Rig Baker Atlas, Run, GR,SP, W.DIL,SFL,ML -GR, CAL, FDC,CNL Sonic, Directio	7114	7114	NIH
6:00	0.00	21	Wireline depth 7110'	7114	7114	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/26/2009	Days From Spud :	45	Current Depth :	7114 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	11	Run Logs,GR-SP-DIL-SFL-ML-GR-CAL-FDC-CNL_Sonic-DIR Survey	7114	7114	NIH
8:00	1.50	21	Make up bit, bit sub, TIH to shoe	7114	7114	NIH
9:30	1.00	09	Slip and cut drilling line	7114	7114	NIH
10:30	1.00	06	TIH to 3500	7114	7114	NIH
11:30	1.50	03	Ream tight spot f/ 3500 to 3700	7114	7114	NIH
13:00	1.50	06	TIH to 7065	7114	7114	NIH
14:30	0.50	03	Ream f/ 7065 to 7114, pump sweep	7114	7114	NIH
15:00	2.00	21	Circ. sweep, pump slug,	7114	7114	NIH
17:00	3.50	06	TOH	7114	7114	NIH
20:30	2.00	12	Rig to run casing, hold safety meeting	7114	7114	NIH
22:30	7.50	12	Run casing	7114	7114	NIH
Total:	24.00					

Daily Summary					
Activity Date :	2/27/2009	Days From Spud :	46	Current Depth :	7114 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	12	Finish running 9.625" p-100 -53.5# casing	7114	7114	NIH
11:30	3.00	05	Circulate & conduction hole - while rd/casing crew & ru/ Halliburton	7114	7114	NIH
14:30	4.50	05	Cement first stage w/ 410 sks HLC - lead - 450 class G /	7114	7114	NIH
19:00	1.00	21	rig down Halliburton	7114	7114	NIH
20:00	7.00	21	Back out ld/joint- install packoff	7114	7114	NIH
3:00	3.00	21	Pick up 8.5" bit & 7 6.25 dcs - tih	7114	7114	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	2/28/2009	Days From Spud :	47	Current Depth :	7114 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	21	Drill plug @ dv tool- circulate hole clean	7114	7114	NIH
8:00	1.00	21	pull out hole	7114	7114	NIH
9:00	12.00	21	Test BOP 250 lbs low 10,000 lbs high - test casing - pressure up to 6600 lb	7114	7114	NIH
21:00	1.00	21	Put rig pump on hole @ 90 strokes @ 2130 psi	7114	7114	NIH
22:00	7.50	21	Wait on packer	7114	7114	NIH
5:30	0.50	21	Picking up packer	7114	7114	NIH
Total:	24.00					

Daily Summary					
Activity Date :	3/1/2009	Days From Spud :	48	Current Depth :	7114 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	3.50	21	Tih W/ packer - set packer @ 1396' - test csg to 2200psi - leak on annules	7114	7114	NIH
9:30	1.00	06	Tooh lay down packer	7114	7114	NIH
10:30	10.50	21	Pull wellhead pack off - wait on fishing tools	7114	7114	NIH
21:00	1.00	21	Pu/ spear - stabe in casing pu/on casing have all of string	7114	7114	NIH
22:00	3.50	21	Ru/ wire line - unscrew 3 joints down - Rd /wire line	7114	7114	NIH
1:30	2.00	21	Ru/ casing crew - pull & lay down 3 joints	7114	7114	NIH
3:30	1.50	19	Run 3 joints - screw in to fish - pull 100,00 to test conjection	7114	7114	NIH
5:00	1.00	21	Rd/ casing crew - wait on lift truck	7114	7114	NIH
Total:	24.00					

Daily Summary					
Activity Date :	3/2/2009	Days From Spud :	49	Current Depth :	7114 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	4.50	21	Wait on stack lift truck	7114	7114	NIH
10:30	4.50	21	Nipple down stack - ru/ stack lift jack, pick up stack	7114	7114	NIH
15:00	3.00	21	Pull 100,000 - set slips & cut off	7114	7114	NIH
18:00	5.50	21	Install packoff bushing	7114	7114	NIH
23:30	2.50	14	Nipple up bop & test packoff to 10,000 psi	7114	7114	NIH
2:00	1.50	21	RD/ stack lift	7114	7114	NIH
3:30	0.50	21	Install wear bushing	7114	7114	NIH
4:00	1.50	06	Tih to 1587'	7114	7114	NIH
5:30	0.50	21	RU/ Halliburton to test casing	7114	7114	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	3/3/2009	Days From Spud :	50	Current Depth :	7114 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	21	Test casing to 7430psi - held for 15 min	7114	7114	NIH
8:00	1.50	21	TIH tagged cement @ 6430'	7114	7114	NIH
9:30	1.00	21	Lay down 24 jts dp	7114	7114	NIH
10:30	1.00	05	Circulate hole _ service rig	7114	7114	NIH
11:30	6.50	21	DRILL CEMENT & 2 FT NEW HOLE	7114	7114	NIH
18:00	1.00	05	CIRCULATE BOTTOMS UP	7114	7114	NIH
19:00	1.00	21	fit TEST TO 3404 PSI - HELD 10 min	7114	7114	NIH
20:00	2.50	21	Drain pit to clean	7114	7114	NIH
22:30	2.50	06	TOOH to bond log	7114	7114	NIH
1:00	5.00	11	Bond log	7114	7114	NIH
Total:	24.00					

Daily Summary					
Activity Date :	3/4/2009	Days From Spud :	51	Current Depth :	7119 Ft
Formation :		Weather:		24 Hr. Footage Made :	5 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	2.00	11	Finish bond log	7114	7114	NIH
8:00	1.50	21	Pick up dir tools	7114	7114	NIH
9:30	2.50	06	TIH	7114	7114	NIH
12:00	3.50	05	Circulate hole with oil base mud to drill	7114	7114	NIH
15:30	0.50	02	Drill F/ 7116' T/ 7119' - pressure to high - 3400 psi	7116	7119	NIH
16:00	0.50	07	Service rig	7119	7119	NIH
16:30	1.50	05	Circulate hole check out motor	7119	7119	NIH
18:00	2.50	06	Tooh to check motor	7119	7119	NIH
20:30	3.00	21	Check out motor - ld/motor - pu new motor	7119	7119	NIH
23:30	1.00	21	Orient motor	7119	7119	NIH
0:30	1.50	21	check with muti -shot on motor	7119	7119	NIH
2:00	4.00	06	Tih with new motor	7119	7119	NIH
Total:	24.00					

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	3/5/2009	Days From Spud :	52	Current Depth :	7242 Ft
Formation :		Weather:		24 Hr. Footage Made :	123 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	0.00		Test dir tools - 1st set 500psi with mwd tool - 320 with out mwd	7242	7242	NIH
6:00	0.00		Test dir tools - 1st set 500psi with mwd tool - 320 with out mwd	7242	7242	NIH
6:00	8.00	02	Drill F / 7119' T / 7242' - 123' - 15.3 FPH - wob 15 - psi 3100 - gpg 368	7119	7242	NIH
14:00	0.50	07	Service rig	7242	7242	NIH
14:30	0.50	05	Circulate hole to tooh	7242	7242	NIH
15:00	2.00	21	Pump slug - Tooh	7242	7242	NIH
17:00	1.00	21	Replace break out cable	7242	7242	NIH
18:00	1.50	06	Finish tooh	7242	7242	NIH
19:30	2.50	21	Test dir tools - ld down motor & mwd - pu/ motor & mwd	7242	7242	NIH
22:00	1.00	21	Orient tools	7242	7242	NIH
23:00	3.50	21	Tih - rabbit all drill string	7242	7242	NIH
2:30	1.00	21	Wash & ream 60' to bottom	7242	7242	NIH
3:30	2.50	02	Drill F / 7242' T / 7273' - 31' - 12.4 fph - 2975 psi- 390 gpm	7242	7242	NIH
6:00	0.00	21	Test dir tools - 1st set 500psi with mwd tool - 320 with out mwd	7242	7242	NIH
	0.00	21	2nd set 475psi with mwd tool - 340 with out mwd tool	7242	7242	NIH
Total:	24.00					

Daily Summary					
Activity Date :	3/6/2009	Days From Spud :	53	Current Depth :	7780 Ft
Formation :		Weather:		24 Hr. Footage Made :	538 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	7.50	02	Drill F / 7273' T / 7459' - 186' - 24.8 FPH - wob 12 - gpm 380 - rpm 40	7273	7459	NIH
13:30	0.50	07	Service rig	7459	7459	NIH
14:00	10.00	02	Drill F / 7459' T / 7643' -184' - 18.4 Fph - wob 12 gpm 380 - rpm 40	7459	7643	NIH
0:00	1.50	05	Circulate hole & change pump liners to 5"	7643	7643	NIH
1:30	4.50	02	Drill F / 7643' T / 7780' -137'-30.5 Fph - wob 12 - rmp 40 - gpm 400 - 2950	7643	7780	NIH
Total:	24.00					

Daily Summary					
Activity Date :	3/8/2009	Days From Spud :	55	Current Depth :	8650 Ft
Formation :		Weather:		24 Hr. Footage Made :	870 Ft
Rig Company :		Rig Name:		Daily Cost:	\$0
		Cum DHC:	\$0	Total Well Cost:	\$0

Operations						
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run
6:00	5.50	02	Drill F / 8181' T / 8356' - 175' -31.8 FPh - 12wob 50 rpm 410 gpm	8181	8356	NIH
11:30	0.50	07	Service rig	8356	8356	NIH
12:00	18.00	02	Drill F / 8356' T / 8650' -294'- 16.33 FPH wob 12 rmp 50 gpm 410	8356	8650	NIH
Total:	24.00					

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Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	3/9/2009	Days From Spud :	56	Current Depth :	9134 Ft	24 Hr. Footage Made :	484 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	9.50	02	Drill F/8650' T/ 8854' -204' - 21.5 FPH wob 12 rpm 50 gpm 405 -	8650	8854	NIH	
15:30	0.50	07	Service Rig	8854	8854	NIH	
16:00	14.00	02	Drill F/ 8854' T/ 9134' -280' - 20 fph - wob 12 rpm 50 gpm 405	8854	9134	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/10/2009	Days From Spud :	57	Current Depth :	9686 Ft	24 Hr. Footage Made :	552 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	8.00	02	Drilling F/ 9134' T/9351' - 217' -27.2 Fph - wob 15 rpm 50 gpm 405	9134	9351	NIH	
14:00	0.50	07	Service rig	9351	9351	NIH	
14:30	15.50	02	Drill F / 9315' T/9686' -371' -23.9 FPH -wob 15 rpm 50 gpm 405	9351	9686	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/11/2009	Days From Spud :	58	Current Depth :	9686 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	05	Circulate hole to trip	9686	9686	NIH	
7:00	6.00	06	Tooh - lay down motor & mwd	9686	9686	NIH	
13:00	3.00	21	Pu/ motor & mwd -orint mwd - tih to 7007'	9686	9686	NIH	
16:00	4.00	21	Slip & cut drilling line	9686	9686	NIH	
20:00	0.50	07	Service rig	9686	9686	NIH	
20:30	2.50	06	Tih - fill pipe @ 7200' - install rotating head	9686	9686	NIH	
23:00	0.50	03	Wash & ream F/ 9584' T / 9687'	9686	9686	NIH	
23:30	6.50	02	Drill F/ 9687' T/9717' 30' - 4.6 FPH WOB 22 - sliding - gpm 400	9686	9686	NIH	
Total:	24.00						

CONFIDENTIAL

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary							
Activity Date :	3/12/2009	Days From Spud :	59	Current Depth :	9941 Ft	24 Hr. Footage Made :	224 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	10.50	02	Slide & drill F/9717' T/9787' -70' -6.6fph wob 20 gpm 380 - rpm 45	9717	9787	NIH	
16:30	0.50	07	Service rig	9787	9787	NIH	
17:00	13.00	02	Slide & drill F/9787'T/9941'- 154'-11.8 FPH -wob 15 rpm 45- gpm 380	9787	9941	NIH	
6:00	0.00	21	Start 400psi back pressure @ 9728'	9941	9941	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	3/13/2009	Days From Spud :	60	Current Depth :	10176 Ft	24 Hr. Footage Made :	235 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	11.00	02	Drill F/9941' T/10129'-188' 17.1 FPH -wob 15 rpm 45 gpm 380	9941	10129	NIH	
17:00	0.50	07	Service rig	10129	10129	NIH	
17:30	1.50	02	Drill F/10129'T/10176'- 47'-31.3 FPH wob 15 rpm 45 gpm 380	10129	10176	NIH	
19:00	2.00	05	Circulate & conduction hole to log	10176	10176	NIH	
21:00	1.50	21	Spot 200 bbls 15# mud - pump 17# slug- 50 bbls	10176	10176	NIH	
22:30	6.50	06	Tooh / ld dir tools	10176	10176	NIH	
5:00	1.00	11	Ru/ loggers	10176	10176	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	3/14/2009	Days From Spud :	61	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	24.00	11	Log well with - Quad combo & dip meater	10176	10176	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	3/15/2009	Days From Spud :	62	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	24.00	11	Finish logging - trun rig over to completion	10176	10176	NIH	
Total:	24.00						

CONFIDENTIAL

Well Name: State 16-42							
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT		
Operator:	Fidelity E&P	Location Desc:		District:	01PARA		
Daily Summary							
Activity Date :	3/16/2009	Days From Spud :	63	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :			Weather:				
Rig Company :			Rig Name:				
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	22.00	12	Run casing 127 jts of 52.9# sm90ss & 150 jts of 41# p-110	10176	10176	NIH	
4:00	2.00	05	Circulate hole 1000' off bottom to clear 15# mud	10176	10176	NIH	
Total:	24.00						
Daily Summary							
Activity Date :	3/17/2009	Days From Spud :	64	Current Depth :	10176 Ft	24 Hr. Footage Made :	235 Ft
Formation :			Weather:				
Rig Company :			Rig Name:				
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
5:59	0.00		3650 psi plug down - did not bump	0	0	NIH	
6:00	4.00	12	Finish running casing - tagged @ 10176'	0	0	NIH	
10:00	2.00	21	Circulate bottoms up	0	0	NIH	
12:00	6.00	13	Circulate hole while waiting on cement plug	0	0	NIH	
18:00	3.00	12	Cement w/ 715 sks lead & 900 sks tail- start to displace	0	0	NIH	
21:00	3.00	21	Circulating tool came loose after 20 bbls - pump 15 more bbls	0	0	NIH	
0:00	0.02	21	Wait on welder	0	0	NIH	
0:01	2.98	21	Cut off 7" casing weld on plate & union	0	0	NIH	
3:00	2.98	21	Ru/hallibuton - pump down casing to clear cement- shut well in; 3650 psi plug down - did not bump	0	0	NIH	
Total:	23.98						
Daily Summary							
Activity Date :	3/18/2009	Days From Spud :	65	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :			Weather:				
Rig Company :			Rig Name:				
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.50	21	Flush out choke manifold & gas buster	0	0	NIH	
7:30	3.00	14	Nipple down bops, set slips @ 100,000	0	0	NIH	
10:30	7.50	13	Wait on cement	0	0	NIH	
18:00	9.00	21	Cut off - set out bop stack - install well head & test to 10,000 psi	0	0	NIH	
3:00	3.00	21	Clean floor - prep to start completion-	0	0	NIH	
Total:	24.00						

CONFIDENTIAL

Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary							
Activity Date :	3/19/2009	Days From Spud :	66	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	21	Cut drilling line	0	0	NIH	
7:00	11.00	21	Rig down flair line & kill manifold - nu/bop - clean pits	0	0	NIH	
18:00	12.00	21	Wait on tubing	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	3/20/2009	Days From Spud :	67	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	4.50	21	Unload & strap 2 7/8" tubing	0	0	NIH	
10:30	5.50	21	PU/ bit & bit sub - tih	0	0	NIH	
16:00	1.50	21	Strap 2nd layer of pipe	0	0	NIH	
17:30	6.50	21	Taged @ 10140'	0	0	NIH	
0:00	3.00	06	Tooh - lay down bit & bit sub - pick up scrapper	0	0	NIH	
3:00	3.00	06	Tih to 6025' top of heavy casing	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	3/21/2009	Days From Spud :	68	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :		Weather:					
Rig Company :		Rig Name:					
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	06	TIH w/ scrapper to 6025'	0	0	NIH	
7:00	2.50	06	TOH Id/ 6" scrapper	0	0	NIH	
9:30	0.50	07	Service rig	0	0	NIH	
10:00	3.00	06	TIH to 10140" w/ 5.4" scrapper	0	0	NIH	
13:00	3.00	21	Ri/ halliburton - to test casing - @ 6700 psi casing started to take fluid	0	0	NIH	
16:00	3.00	06	RD/halliburton - tooh	0	0	NIH	
19:00	3.50	21	Close blind rams - pump 50 bbls for temp log	0	0	NIH	
22:30	4.50	21	RU/Weatherford & run temp log - Fluid log shows fluid going down	0	0	NIH	
3:00	3.00	11	RUN bond log	0	0	NIH	
6:00	0.00	21	Pumped 1.5 bbls/pm @ 6500 psi	0	0	NIH	
Total:	24.00						

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary							
Activity Date :	3/22/2009	Days From Spud :	69	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	1.00	11	Finish bond log	0	0	NIH	
7:00	0.50	07	Service rig	0	0	NIH	
7:30	22.50	21	Wait on bridge plugs	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	3/23/2009	Days From Spud :	70	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	6.50	21	Wait on bridge pluges	0	0	NIH	
12:30	1.50	21	Run gauge ring	0	0	NIH	
14:00	1.50	21	Wait on bridges	0	0	NIH	
15:30	2.00	21	wire line set 1st plug	0	0	NIH	
17:30	1.00	21	Test plug to 7000 psi	0	0	NIH	
18:30	1.50	21	wire line set 2nd plug @ 10126'	0	0	NIH	
20:00	1.00	21	Test plug to 10,000 psi , lost 70 # in 10 min.	0	0	NIH	
21:00	1.00	21	RD/ wire lin truck - ru/wiper head	0	0	NIH	
22:00	3.00	21	Trip in hole with tubing	0	0	NIH	
1:00	2.50	05	Circulate hole with diesel	0	0	NIH	
3:30	2.50	06	Tooh	0	0	NIH	
Total:	24.00						

Daily Summary							
Activity Date :	3/24/2009	Days From Spud :	71	Current Depth :	10176 Ft	24 Hr. Footage Made :	0 Ft
Formation :				Weather:			
Rig Company :				Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0		
Operations							
Start	Hrs	Code	Remarks	Start Depth	End Depth	Run	
6:00	2.00	07	ND/ stripple head- NU/ Lubricator	0	0	NIH	
8:00	7.00	21	Wait on orders & wait on Halliburton loggers	0	0	NIH	
15:00	3.00	11	Rig up Halliburton to bond log	0	0	NIH	
18:00	4.00	11	Run radial bond log	0	0	NIH	
22:00	8.00	21	Wait on orders	0	0	NIH	
Total:	24.00						

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Well Name: State 16-42					
Field Name:	Green Town	S/T/R:	16/22S/17E	County, State:	GRAND, UT
Operator:	Fidelity E&P	Location Desc:		District:	01PARA

Daily Summary					
Activity Date :	3/25/2009	Days From Spud :	72	Current Depth :	10176 Ft
Formation :		Weather:		24 Hr. Footage Made :	0 Ft
Rig Company :		Rig Name:			
Daily Cost:	\$0	Cum DHC:	\$0	Total Well Cost:	\$0

Operations					
Start	Hrs	Code	Remarks	Start Depth	End Depth
6:00	6.50	21	Wait on orders	0	0
Total:	6.50				

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

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**FEPCo**

1700 Lincoln Street, Suite 4600  
 Denver, CO 80203  
 (303) 893-3133

**Wellwork Chronological Report**

Well Name : State 16-42						
Prospect:	Green Town			AFE #:	080601	
Sec/Twp/Rge:	16 / 22S / 17E			AFE Total:	\$7,856,000	
API #:	43-019-31605	Field:	Green Town	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Dan Carroll	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Wellwork Details									
Date :	3/25/2009	Days:	1	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Perforate			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
Wait on orders; Perf well 10086' -10094' - 4 shots per ft - with 3000psi - after; perf 3050psi - pull perf guns - 2400 psi -well bleed down - no flow; Watch for flow & wait on plug; TIH to 10120' to set cement plug; Wait on cement crew									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Wait on orders; Perf well 10086' -10094' - 4 shots per ft - with 3000psi - after; perf 3050psi - pull perf guns - 2400 psi -well bleed down - no flow; Watch for flow & wait on plug; TIH to 10120' to set cement plug; Wait on cement crew						
Date :	3/26/2009	Days:	2	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
Wait on Halliburton; Rig up Halliburton set plug F/10120'T/9950' 30 sks cement; Trip out of hole - close blind rams; Wait on cement; Test cement plug to 7000psi - lost 185 psi in 10 mins; Run gage ring tagged up @ 9571'; Nd/ pack off - nu/ stripper hear; Pu/ bit & scrapper tih; Shut down high wind; Tripping in hole with scrapper									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : Wait on Halliburton; Rig up Halliburton set plug F/10120'T/9950' 30 sks cement; Trip out of hole - close blind rams; Wait on cement; Test cement plug to 7000psi - lost 185 psi in 10 mins; Run gage ring tagged up @ 9571'; Nd/ pack off - nu/ stripper hear; Pu/ bit & scrapper tih; Shut down high wind; Tripping in hole with scrapper						
Date :	3/27/2009	Days:	3	DC :	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
TIH tagged @ 9935'; TOO; Run gage ring - made 3 runs -unable to get to bottom -tagged @ 9735'; TIH tagged @ 9935'; Rigged up power swivel; Circulated hole - recovered cement; Rig down swivel; TOO; Pull wiper head									
From 6:00 To 6:00	24 hrs	Category/Rmks:	Other : TIH tagged @ 9935'; TOO; Run gage ring - made 3 runs -unable to get to bottom -tagged @ 9735'; TIH tagged @ 9935'; Rigged up power swivel; Circulated hole - recovered cement; Rig down swivel; TOO; Pull wiper head						

**CONFIDENTIAL**

**Well Name : State 16-42**

Prospect:	Green Town			AFE #:	080601	
Sec/Twp/Rge:	16 / 22S / 17E			AFE Total:	\$7,856,000	
API #:	43-019-31605	Field:	Green Town	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Dan Carroll	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date:	3/28/2009	Days:	4	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :		
Daily Report Detail:		
From 6:00 To 8:00	2 hrs	Category/Rmks: Other : Run gauge ring to 9938'
From 8:00 To 9:30	1.5 hrs	Category/Rmks: Other : Set cibp @ 9935'
From 9:30 To 11:00	1.5 hrs	Category/Rmks: Test : Test cibp to 10,000 psi
From 11:00 To 13:00	2 hrs	Category/Rmks: Other : Perf well 9994-9990' - 9738 - 9741' - 4 shots per/ft
From 13:00 To 14:00	1 hrs	Category/Rmks: Other : RD/ weatherford
From 14:00 To 19:00	5 hrs	Category/Rmks: Other : PU/ packer tih set
From 19:00 To 21:00	2 hrs	Category/Rmks: Test : RU/ Halliburton for dfit test
From 21:00 To 22:00	1 hrs	Category/Rmks: Test : Start dfit test - @ 2493psi - pressure started up on backside
From 22:00 To 1:00	3 hrs	Category/Rmks: Other : Move packer up 1 joint test - still conuncated to backside - pull to above
From 1:00 To	0 hrs	Category/Rmks: Other : perfs test packer - packer ok - test 1 joint lower - comucation to backside
From 0:00 To	0 hrs	Category/Rmks: : pull packer above all perfs
From 1:00 To 3:00	2 hrs	Category/Rmks: Test : Pump Dfit test- pump 1000 gal diesel @ 2.3 bpm @ 7342 psi-
From 3:00 To 6:00	3 hrs	Category/Rmks: Test : 30 min shut in 6912 psi-hold 2500 psi on backside during dfit test; watch pis for dfit test record pressure every 3 esconds for 24 hrs

Date:	3/29/2009	Days:	5	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :		
Daily Report Detail:		DFIT test; Release pressure - un seat packer; TOOH
From 6:00 To 6:00	24 hrs	Category/Rmks: Other : DFIT test; Release pressure - un seat packer; TOOH

Date:	3/30/2009	Days:	6	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :		
Daily Report Detail:		Trip out hole - lay down packer; Nipple down bop - nipple up frac tree; Wait on orders; Nipple down frac - tree nipple up bop; Pick up packer; Wait on wind to lay - ( wind 60-80 mph high - 40-50 low ); TIH - set packer @ 9907'; Rig up Halliburton - hold safety meeting
From 6:00 To 6:00	24 hrs	Category/Rmks: Other : Trip out hole - lay down packer; Nipple down bop - nipple up frac tree; Wait on orders; Nipple down frac - tree nipple up bop; Pick up packer; Wait on wind to lay - ( wind 60-80 mph high - 40-50 low ); TIH - set packer @ 9907'; Rig up Halliburton - hold safety meeting

Date:	3/31/2009	Days:	7	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					

Daily Report Summary :		
Daily Report Detail:		Test cibp - have leak in tubing; Service rig; Set plug in tubing to find leak; Test cibp - have leak in tubing; Tooh testing tubing every 20 stands looking for leak - pipe held w/15 stands & single in hole; Rig up slick line truck pull plug
From 6:00 To 9:30	3.5 hrs	Category/Rmks: Test : Test cibp - have leak in tubing
From 9:30 To 10:00	0.5 hrs	Category/Rmks: Other : Service rig
From 10:00 To 13:00	3 hrs	Category/Rmks: Other : Set plug in tubing to find leak
From 13:00 To 22:00	9 hrs	Category/Rmks: Other : Wait on wind to lay
From 22:00 To 4:30	3.5 hrs	Category/Rmks: Test : Tooh testing tubing every 20 stands looking for leak - pipe held w/15 stands & single in hole
From 5:00 To 5:01	.02 hr	Category/Rmks: : 15 stands & single in hole
From 5:01 To 6:00	.98 hr	Category/Rmks: Other : Rig up slick line truck pull plug

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Well Name : State 16-42						
Prospect:	Green Town			AFE #:	080601	
Sec/Twp/Rge:	16 / 22S / 17E			AFE Total:	\$7,856,000	
API #:	43-019-31605	Field:	Green Town	This AFE Cost:	\$0	
Work Type:	Completion	County, St.:	GRAND, UT	Tot Assoc AFE's:	\$0	
Operator:	Fidelity E&P	Supervisor:	Dan Carroll	Phone:		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0

Date:	4/1/2009	Days:	8	DC:	\$0	CCC:	\$0	CWC:	\$0
Activity:	Complete Well			Rig Name:					
Daily Report Summary :									
Daily Report Detail:									
Stage in hole testing tubing - layed down 4 Jts - change out 7 collars; tubing stacked out @ 8200' - packer trouble -Ru/ slike line pull tubing plug; Pooh; Change out packers; Tih with 25 stands & 1 jt; test tubing - pull up hole to get tubing to test - 120 psi - 200 psi drop; in 1 min - pull untill testing 1 joint & tuning plug - unable to test; wait on orders									
From 6:00 To 11:30	5.5 hrs	Category/Rmks:	Other : Stage in hole testing tubing - layed down 4 Jts - change out 7 collars						
From 11:30 To 15:00	3.5 hrs	Category/Rmks:	Other : tubing stacked out @ 8200' - packer trouble -Ru/ slike line pull tubing plug						
From 15:00 To 17:00	2 hrs	Category/Rmks:	POOH : Pooh						
From 17:00 To 18:00	1 hrs	Category/Rmks:	Other : Change out packers						
From 18:00 To 6:00	12 hrs	Category/Rmks:	TIH : Tih with 25 stands & 1 jt; test tubing - pull up hole to get tubing to test - 120 psi - 200 psi drop; in 1 min - pull untill testing 1 joint & tuning plug - unable to test; wait on orders						

Perforation						
Date:	Formation	Perf Status	Upper Perf	Lower Perf	Sht / Ft	Description:
3/25/2009		Plugged Back	10086	10094	4	

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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

2. NAME OF OPERATOR: Fidelity Exploration and Production Company

3. ADDRESS OF OPERATOR: 2585 Heartland Drive, Sheridan, WY, 82801
PHONE NUMBER: (307) 675-4924

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2108' FNL & 559' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH: 2251' FNL 0745' FEL SENE S-16 T22S R17E

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT OR CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: State 16-42

9. API NUMBER: 4301931605

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16, 22S 17E

12. COUNTY: Grand
13. STATE: UTAH

14. DATE SPUNDED: 1/12/2009
15. DATE T.D. REACHED: 3/13/2009
16. DATE COMPLETED: 5/4/2009
ABANDONED, READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 4241 GL

18. TOTAL DEPTH: MD 10,176, TVD 10,170
19. PLUG BACK T.D.: MD, TVD N/A

20. IF MULTIPLE COMPLETIONS, HOW MANY?
21. DEPTH BRIDGE PLUG SET: MD, TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Multipole Array Acoustilog Gamma Ray/Caliper High Definition Induction log, Compensated neutron log, MUD LOG

23. WAS WELL CORED? YES, NO
WAS DST RUN? YES, NO
DIRECTIONAL SURVEY? YES, NO

24. CASING AND LINER RECORD (Report all strings set in well)

Table with columns: 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

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS PRDX/BGH

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)

27. PERFORATION RECORD

Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL
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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: 4/10/2009		TEST DATE: 4/10/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 284	WATER - BBL: 0	PROD. METHOD: Flow testing
CHOKE SIZE: 6	TBG. PRESS.	CSG. PRESS. 2,825	API GRAVITY	BTU - GAS	GAS/OIL RATIO 284	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.)

N/A

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)
Cane Creek	9,683	9,775		Kayenta	2,105
				Wingate	2,195
				Chinile	2,579
				Moenkopi	2,924
				Cutler	3,526
				Organ Rock	3,822
				Honaker Trail	4,920
				Cane Creek	9,683
				Shale # 21	9,540
				Shale # 24	9,815

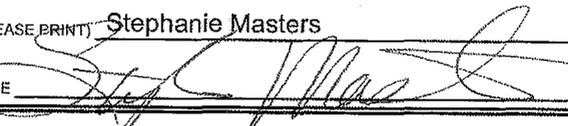
35. ADDITIONAL REMARKS (Include plugging procedure)

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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Stephanie Masters

TITLE Operations Technician III

SIGNATURE 

DATE 5/12/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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

ENTITY ACTION FORM

Operator: Fidelity Exploration and Production Company Operator Account Number: N 3155  
 Address: 2585 Heartland Drive  
city Sheridan  
state WY zip 82801 Phone Number: (307) 675-4924

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931605	State 16-42		SENE	16	22S	17E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	17278	<u>17278</u>	1/12/2009			<u>6/30/09</u>	
Comments: Please change the producing formation from salt to <u>Paradox</u> .							<b>CONFIDENTIAL</b>

Well 2

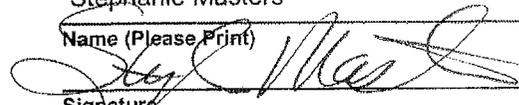
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

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:							
<b>CONFIDENTIAL</b>							

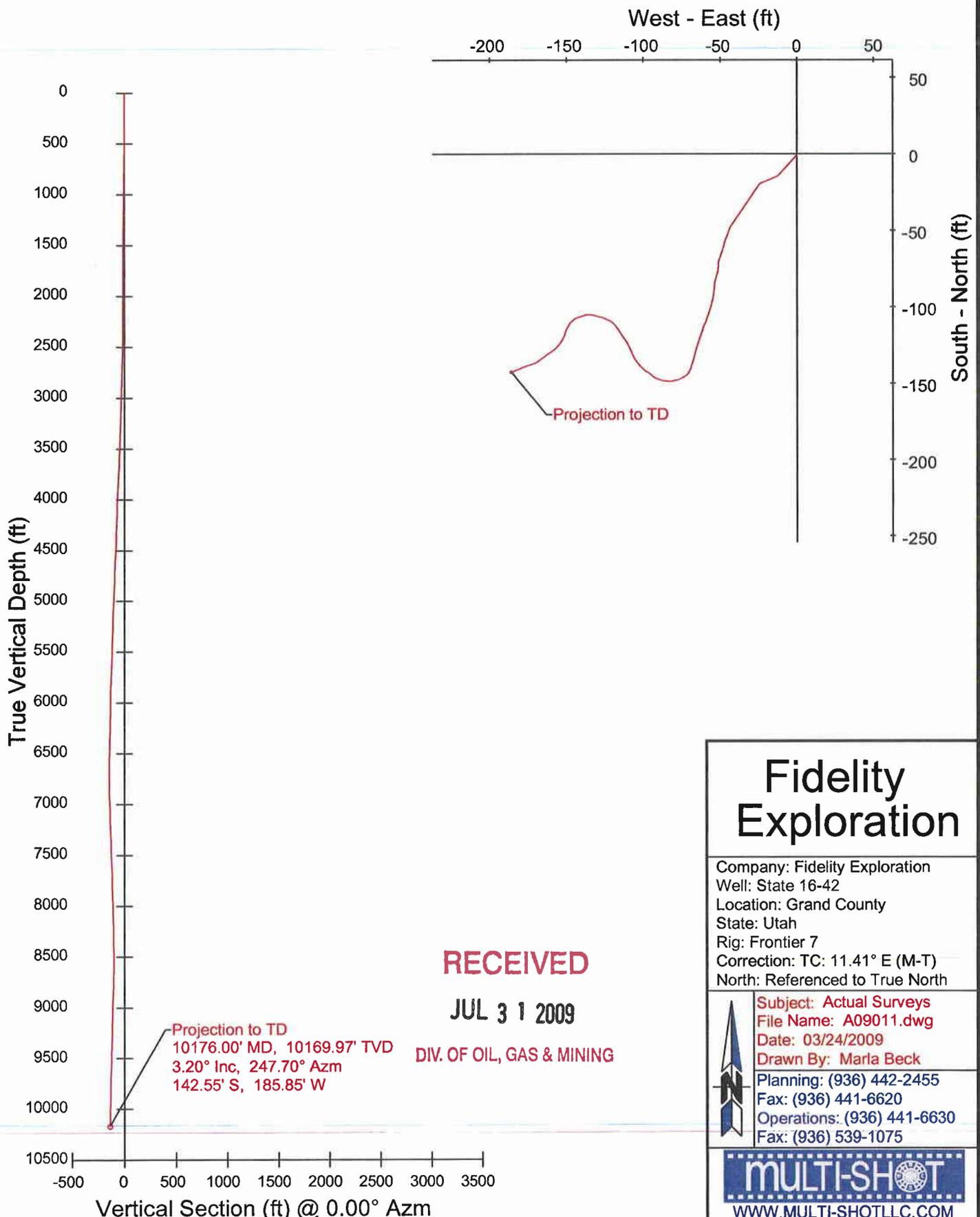
ACTION CODES:

- 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)

Stephanie Masters  
 Name (Please Print) \_\_\_\_\_  
  
 Signature \_\_\_\_\_  
 Operations Technician III Date 6/10/2009  
 Title \_\_\_\_\_

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JUN 17 2009



## Fidelity Exploration

Company: Fidelity Exploration  
Well: State 16-42  
Location: Grand County  
State: Utah  
Rig: Frontier 7  
Correction: TC: 11.41° E (M-T)  
North: Referenced to True North

**Subject: Actual Surveys**  
File Name: A09011.dwg  
Date: 03/24/2009  
Drawn By: Marla Beck

Planning: (936) 442-2455  
Fax: (936) 441-6620  
Operations: (936) 441-6630  
Fax: (936) 539-1075



**MULTI-SHOT**  
WWW.MULTI-SHOTLLC.COM

The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Multi-Shot, LLC are at the sole risk and responsibility of the customer. Multi-Shot, LLC is not responsible for the accuracy of this schematic or the information contained herein.



Job Number: P00-011  
 Company: Fidelity Exploration  
 Lease/Well: State 16-42  
 Location: Grand County  
 Rig Name: Frontier 7  
 RKB:  
 G.L. or M.S.L.: 4242'

State/Country: Utah  
 Declination: TC: 11.41° E (M-T)  
 Grid: Referenced to True North  
 File name: F:\WELLPL-1\2009\IP09010\SIP09011\09011.SVY  
 Date/Time: 24-Mar-09 / 11:23  
 Curve Name: SDTRK #00

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane .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 Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
115.00	.20	102.50	115.00	-.04	.20	-.04	.20	102.50	.17
162.00	.20	147.10	162.00	-.13	.32	-.13	.35	112.08	.32
223.00	.00	215.00	223.00	-.22	.38	-.22	.44	120.11	.33
285.00	.40	215.00	285.00	-.40	.25	-.40	.47	147.34	.65
346.00	.70	219.90	346.00	-.86	-.11	-.86	.86	187.11	.50
437.00	1.40	223.10	436.98	-2.10	-1.22	-2.10	2.43	210.27	.77
1520.00	.40	217.90	1519.83	-14.74	-12.59	-14.74	19.38	220.49	.09
2519.00	1.10	257.90	2518.75	-19.50	-24.10	-19.50	31.00	231.03	.08
3505.00	3.30	201.30	3504.04	-47.93	-43.67	-47.93	64.84	222.34	.29
3595.00	2.50	197.70	3593.92	-52.21	-45.21	-52.21	69.07	220.89	.91
3690.00	2.80	202.30	3688.82	-56.33	-46.72	-56.33	73.19	219.67	.39
3753.00	3.00	194.90	3751.74	-59.35	-47.73	-59.35	76.16	218.80	.67
3846.00	2.10	196.30	3844.65	-63.34	-48.83	-63.34	79.98	217.63	.97
3940.00	1.80	193.90	3938.60	-66.43	-49.67	-66.43	82.94	216.79	.33
4031.00	1.40	209.00	4029.56	-68.78	-50.55	-68.78	85.36	216.31	.64
4129.00	1.20	175.20	4127.54	-70.85	-51.05	-70.85	87.33	215.77	.80
4222.00	1.90	184.40	4220.50	-73.36	-51.08	-73.36	89.39	214.85	.80
4316.00	2.50	193.50	4314.43	-76.91	-51.68	-76.91	92.66	213.90	.74
4409.00	2.10	198.80	4407.36	-80.49	-52.70	-80.49	96.21	213.21	.49
4502.00	2.60	192.10	4500.28	-84.17	-53.69	-84.17	99.84	212.53	.61
4596.00	3.20	182.30	4594.16	-88.88	-54.25	-88.88	104.12	211.40	.83
4690.00	2.60	190.70	4688.04	-93.59	-54.75	-93.59	108.43	210.33	.78

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	
4783.00	1.90	193.20	4780.97	-97.17	-55.49	-97.17	111.90	209.73	.76
4876.00	1.90	193.20	4873.91	-100.17	-56.20	-100.17	114.85	209.29	.00
5062.00	2.30	203.00	5059.79	-106.61	-58.36	-106.61	121.53	208.70	.29
5143.00	2.50	202.00	5140.72	-109.74	-59.65	-109.74	124.91	208.53	.25
5236.00	1.40	203.40	5233.66	-112.66	-60.87	-112.66	128.05	208.38	1.18
5329.00	2.00	196.40	5326.62	-115.26	-61.78	-115.26	130.77	208.19	.68
5422.00	2.10	199.00	5419.56	-118.43	-62.79	-118.43	134.05	207.93	.15
5514.00	2.00	198.70	5511.50	-121.55	-63.85	-121.55	137.30	207.71	.11
5607.00	2.40	195.00	5604.44	-124.96	-64.88	-124.96	140.80	207.44	.46
5701.00	2.00	199.90	5698.37	-128.41	-65.94	-128.41	144.35	207.18	.47
5794.00	2.00	193.10	5791.31	-131.51	-66.86	-131.51	147.53	206.95	.26
5887.00	1.90	196.30	5884.26	-134.57	-67.66	-134.57	150.63	206.69	.16
5979.00	.80	188.90	5976.23	-136.67	-68.19	-136.67	152.74	206.52	1.21
6072.00	.70	215.70	6069.22	-137.77	-68.62	-137.77	153.92	206.48	.39
6166.00	.90	188.60	6163.21	-138.97	-69.07	-138.97	155.19	206.43	.45
6259.00	1.40	203.40	6256.19	-140.74	-69.63	-140.74	157.02	206.32	.62
6352.00	1.10	207.10	6349.17	-142.57	-70.49	-142.57	159.05	206.31	.33
6445.00	1.20	215.00	6442.15	-144.17	-71.45	-144.17	160.90	206.36	.20
6539.00	2.20	238.50	6536.11	-145.91	-73.56	-145.91	163.41	206.75	1.28
6631.00	3.20	253.10	6628.01	-147.58	-77.52	-147.58	166.70	207.71	1.31
6725.00	3.40	263.70	6721.85	-148.65	-82.80	-148.65	170.16	209.12	.68
6818.00	3.40	284.30	6814.69	-148.27	-88.21	-148.27	172.53	210.75	1.31
6911.00	2.90	305.80	6907.56	-146.22	-92.79	-146.22	173.18	212.40	1.37
7004.00	2.70	308.90	7000.44	-143.46	-96.41	-143.46	172.85	213.90	.27
7058.00	2.50	306.70	7054.39	-141.96	-98.34	-141.96	172.70	214.71	.41
7105.00	2.70	307.30	7101.34	-140.68	-100.04	-140.68	172.62	215.42	.43
7198.00	2.00	324.90	7194.26	-138.02	-102.72	-138.02	172.05	216.66	1.07
7292.00	1.80	322.30	7288.21	-135.51	-104.56	-135.51	171.17	217.65	.23
7385.00	2.00	329.60	7381.16	-132.96	-106.28	-132.96	170.21	218.64	.34
7477.00	2.30	337.90	7473.10	-129.86	-107.79	-129.86	168.77	219.69	.47
7569.00	2.60	338.60	7565.01	-126.21	-109.24	-126.21	166.92	220.88	.33
7662.00	1.80	325.80	7657.94	-123.04	-110.83	-123.04	165.60	222.01	1.00
7754.00	1.90	324.70	7749.89	-120.60	-112.53	-120.60	164.94	223.02	.12
7847.00	2.10	327.90	7842.84	-117.90	-114.32	-117.90	164.22	224.12	.25
7940.00	2.40	325.90	7935.77	-114.84	-116.32	-114.84	163.46	225.37	.33
8034.00	2.40	319.80	8029.68	-111.71	-118.69	-111.71	162.99	226.74	.27
8127.00	1.80	303.00	8122.62	-109.42	-121.17	-109.42	163.27	227.92	.92
8220.00	1.80	287.50	8215.58	-108.19	-123.79	-108.19	164.41	228.85	.52
8313.00	2.10	289.80	8308.52	-107.17	-126.79	-107.17	166.02	229.79	.33
8407.00	2.50	286.90	8402.45	-105.99	-130.37	-105.99	168.02	230.89	.44
8501.00	2.40	276.60	8496.36	-105.17	-134.29	-105.17	170.57	231.93	.48
8594.00	2.10	259.30	8589.29	-105.26	-137.90	-105.26	173.48	232.64	.79

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	
8687.00	2.20	251.40	8682.23	-106.15	-141.26	-106.15	176.70	233.08	.34
8780.00	2.50	240.04	8775.15	-107.73	-144.71	-107.73	180.41	233.33	.59
8873.00	2.50	217.40	8868.06	-110.36	-147.70	-110.36	184.38	233.23	1.05
8967.00	2.10	202.90	8961.99	-113.57	-149.62	-113.57	187.84	232.80	.75
9060.00	1.50	192.40	9054.94	-116.33	-150.54	-116.33	190.25	232.30	.73
9153.00	1.80	202.50	9147.90	-118.87	-151.36	-118.87	192.46	231.86	.45
9246.00	2.10	209.70	9240.85	-121.70	-152.76	-121.70	195.31	231.46	.42
9340.00	2.40	220.90	9334.78	-124.68	-154.91	-124.68	198.85	231.17	.56
9434.00	1.60	230.10	9428.72	-127.01	-157.20	-127.01	202.10	231.06	.91
9527.00	2.20	234.40	9521.67	-128.88	-159.65	-128.88	205.18	231.09	.66
9621.00	2.60	232.50	9615.58	-131.23	-162.81	-131.23	209.11	231.13	.43
9713.00	3.00	233.50	9707.47	-133.93	-166.40	-133.93	213.60	231.17	.44
9806.00	2.20	242.60	9800.38	-136.20	-169.94	-136.20	217.79	231.29	.97
9898.00	2.40	248.50	9892.30	-137.72	-173.30	-137.72	221.36	231.53	.34
9992.00	2.50	254.00	9986.22	-139.01	-177.10	-139.01	225.14	231.87	.27
10086.00	3.00	244.80	10080.11	-140.62	-181.30	-140.62	229.44	232.20	.71
10133.00	3.20	247.70	10127.04	-141.64	-183.62	-141.64	231.91	232.35	.54
<b>Projection to TD</b>									
10176.00	3.20	247.70	10169.97	-142.55	-185.85	-142.55	234.22	232.51	.00

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API # 43-019-31605 T225 R17E S16 SE NE

DIV. OF OIL, GAS & MINING

MULTI-SHOT 

End of Well Report

**Fidelity Exploration**  
MS #0932-428-022

**State 16-42**  
**Grand County, Utah**  
**Frontier #7**

Prepared By:  
Marla Beck

March 24, 2009

2511 North Frazier • Conroe, Texas 77301  
P.O. Box 3047 • Conroe, Texas 77305-3047  
Office: (936) 441-6630 • Watts: (800) 769-5988 • Fax: (936) 539-1075  
[www.multi-shotllc.com](http://www.multi-shotllc.com)

STATE 1642  
API # 43-019-31605  
TARRINE SIB SENE

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**Actual Well & Surveys 1**

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**Daily Reports 2**

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**BHA's 3**

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**Support Staff 4**

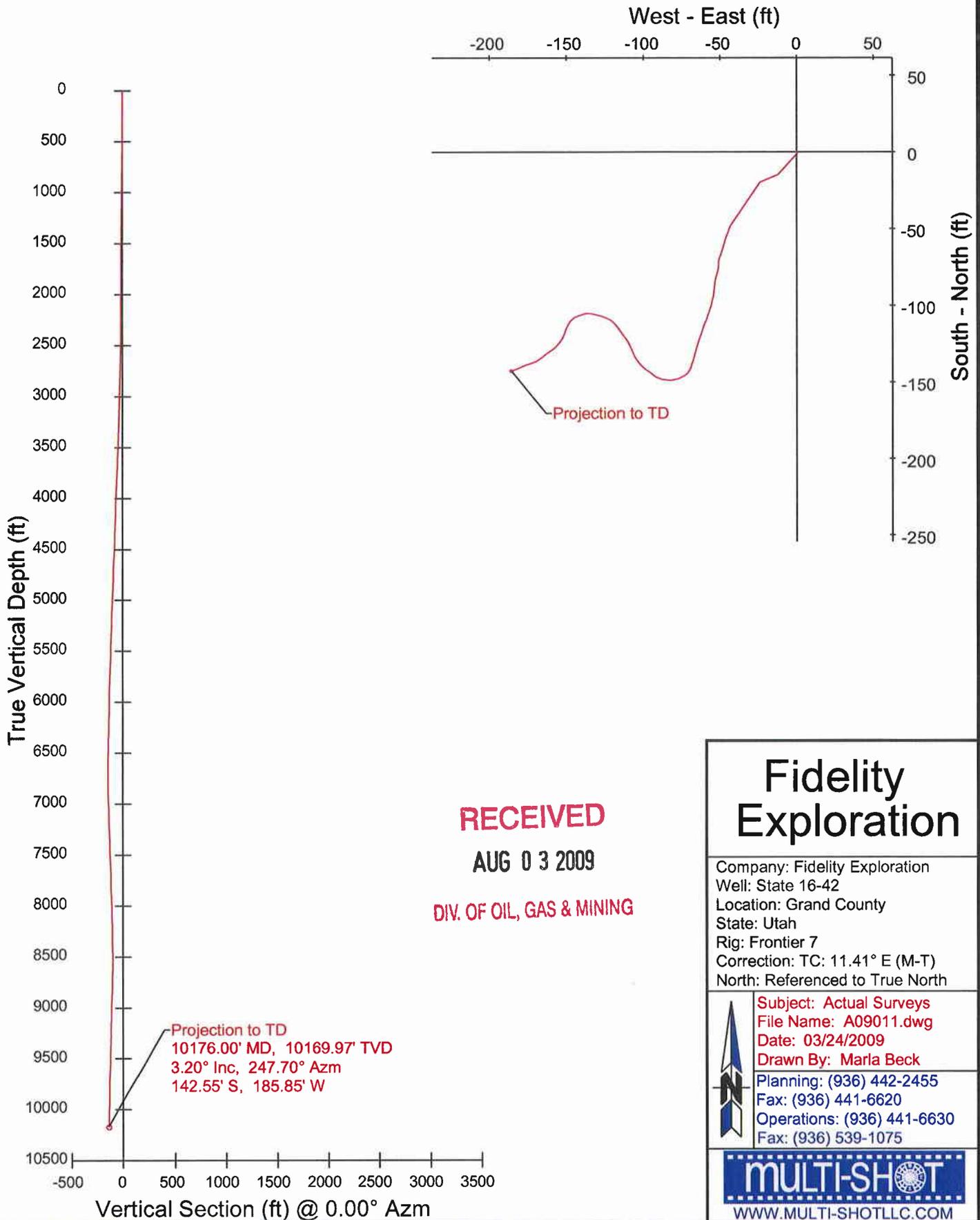
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**AUG 03 2009**

**DIV. OF OIL, GAS & MINING**

API # 43-019-31605 TAASRIE S-16 SEVE



# Fidelity Exploration

Company: Fidelity Exploration  
 Well: State 16-42  
 Location: Grand County  
 State: Utah  
 Rig: Frontier 7  
 Correction: TC: 11.41° E (M-T)  
 North: Referenced to True North

Subject: Actual Surveys  
 File Name: A09011.dwg  
 Date: 03/24/2009  
 Drawn By: Marla Beck  
 Planning: (936) 442-2455  
 Fax: (936) 441-6620  
 Operations: (936) 441-6630  
 Fax: (936) 539-1075



The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Multi-Shot, LLC are at the sole risk and responsibility of the customer. Multi-Shot, LLC is not responsible for the accuracy of this schematic or the information contained herein.

API # 43-019-31605 T 225 R 17 E S 16 GEN E



Job Number: P00-011 State/Country: Utah  
 Company: Fidelity Exploration Declination: TC: 11.41° E (M-T)  
 Lease/Well: State 16-42 Grid: Referenced to True North  
 Location: Grand County File name: F:\WELLPL~1\2009\IP09010\SIP09011\09011.SVY  
 Rig Name: Frontier 7 Date/Time: 24-Mar-09 / 11:23  
 RKB: Curve Name: SDTRK #00  
 G.L. or M.S.L.: 4242'

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AUG 03 2009

DIV. OF OIL, GAS & MINING

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane .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 Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
115.00	.20	102.50	115.00	-.04	.20	-.04	.20	102.50	.17
162.00	.20	147.10	162.00	-.13	.32	-.13	.35	112.08	.32
223.00	.00	215.00	223.00	-.22	.38	-.22	.44	120.11	.33
285.00	.40	215.00	285.00	-.40	.25	-.40	.47	147.34	.65
346.00	.70	219.90	346.00	-.86	-.11	-.86	.86	187.11	.50
437.00	1.40	223.10	436.98	-2.10	-1.22	-2.10	2.43	210.27	.77
1520.00	.40	217.90	1519.83	-14.74	-12.59	-14.74	19.38	220.49	.09
2519.00	1.10	257.90	2518.75	-19.50	-24.10	-19.50	31.00	231.03	.08
3505.00	3.30	201.30	3504.04	-47.93	-43.67	-47.93	64.84	222.34	.29
3595.00	2.50	197.70	3593.92	-52.21	-45.21	-52.21	69.07	220.89	.91
3690.00	2.80	202.30	3688.82	-56.33	-46.72	-56.33	73.19	219.67	.39
3753.00	3.00	194.90	3751.74	-59.35	-47.73	-59.35	76.16	218.80	.67
3846.00	2.10	196.30	3844.65	-63.34	-48.83	-63.34	79.98	217.63	.97
3940.00	1.80	193.90	3938.60	-66.43	-49.67	-66.43	82.94	216.79	.33
4031.00	1.40	209.00	4029.56	-68.78	-50.55	-68.78	85.36	216.31	.64
4129.00	1.20	175.20	4127.54	-70.85	-51.05	-70.85	87.33	215.77	.80
4222.00	1.90	184.40	4220.50	-73.36	-51.08	-73.36	89.39	214.85	.80
4316.00	2.50	193.50	4314.43	-76.91	-51.68	-76.91	92.66	213.90	.74
4409.00	2.10	198.80	4407.36	-80.49	-52.70	-80.49	96.21	213.21	.49
4502.00	2.60	192.10	4500.28	-84.17	-53.69	-84.17	99.84	212.53	.61
4596.00	3.20	182.30	4594.16	-88.88	-54.25	-88.88	104.12	211.40	.83
4690.00	2.60	190.70	4688.04	-93.59	-54.75	-93.59	108.43	210.33	.78

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth			Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				N-S FT	E-W FT		Distance FT	Direction Deg	
4783.00	1.90	193.20	4780.97	-97.17	-55.49	-97.17	111.90	209.73	.76
4876.00	1.90	193.20	4873.91	-100.17	-56.20	-100.17	114.85	209.29	.00
5062.00	2.30	203.00	5059.79	-106.61	-58.36	-106.61	121.53	208.70	.29
5143.00	2.50	202.00	5140.72	-109.74	-59.65	-109.74	124.91	208.53	.25
5236.00	1.40	203.40	5233.66	-112.66	-60.87	-112.66	128.05	208.38	1.18
5329.00	2.00	196.40	5326.62	-115.26	-61.78	-115.26	130.77	208.19	.68
5422.00	2.10	199.00	5419.56	-118.43	-62.79	-118.43	134.05	207.93	.15
5514.00	2.00	198.70	5511.50	-121.55	-63.85	-121.55	137.30	207.71	.11
5607.00	2.40	195.00	5604.44	-124.96	-64.88	-124.96	140.80	207.44	.46
5701.00	2.00	199.90	5698.37	-128.41	-65.94	-128.41	144.35	207.18	.47
5794.00	2.00	193.10	5791.31	-131.51	-66.86	-131.51	147.53	206.95	.26
5887.00	1.90	196.30	5884.26	-134.57	-67.66	-134.57	150.63	206.69	.16
5979.00	.80	188.90	5976.23	-136.67	-68.19	-136.67	152.74	206.52	1.21
6072.00	.70	215.70	6069.22	-137.77	-68.62	-137.77	153.92	206.48	.39
6166.00	.90	188.60	6163.21	-138.97	-69.07	-138.97	155.19	206.43	.45
6259.00	1.40	203.40	6256.19	-140.74	-69.63	-140.74	157.02	206.32	.62
6352.00	1.10	207.10	6349.17	-142.57	-70.49	-142.57	159.05	206.31	.33
6445.00	1.20	215.00	6442.15	-144.17	-71.45	-144.17	160.90	206.36	.20
6539.00	2.20	238.50	6536.11	-145.91	-73.56	-145.91	163.41	206.75	1.28
6631.00	3.20	253.10	6628.01	-147.58	-77.52	-147.58	166.70	207.71	1.31
6725.00	3.40	263.70	6721.85	-148.65	-82.80	-148.65	170.16	209.12	.68
6818.00	3.40	284.30	6814.69	-148.27	-88.21	-148.27	172.53	210.75	1.31
6911.00	2.90	305.80	6907.56	-146.22	-92.79	-146.22	173.18	212.40	1.37
7004.00	2.70	308.90	7000.44	-143.46	-96.41	-143.46	172.85	213.90	.27
7058.00	2.50	306.70	7054.39	-141.96	-98.34	-141.96	172.70	214.71	.41
7105.00	2.70	307.30	7101.34	-140.68	-100.04	-140.68	172.62	215.42	.43
7198.00	2.00	324.90	7194.26	-138.02	-102.72	-138.02	172.05	216.66	1.07
7292.00	1.80	322.30	7288.21	-135.51	-104.56	-135.51	171.17	217.65	.23
7385.00	2.00	329.60	7381.16	-132.96	-106.28	-132.96	170.21	218.64	.34
7477.00	2.30	337.90	7473.10	-129.86	-107.79	-129.86	168.77	219.69	.47
7569.00	2.60	338.60	7565.01	-126.21	-109.24	-126.21	166.92	220.88	.33
7662.00	1.80	325.80	7657.94	-123.04	-110.83	-123.04	165.60	222.01	1.00
7754.00	1.90	324.70	7749.89	-120.60	-112.53	-120.60	164.94	223.02	.12
7847.00	2.10	327.90	7842.84	-117.90	-114.32	-117.90	164.22	224.12	.25
7940.00	2.40	325.90	7935.77	-114.84	-116.32	-114.84	163.46	225.37	.33
8034.00	2.40	319.80	8029.68	-111.71	-118.69	-111.71	162.99	226.74	.27
8127.00	1.80	303.00	8122.62	-109.42	-121.17	-109.42	163.27	227.92	.92
8220.00	1.80	287.50	8215.58	-108.19	-123.79	-108.19	164.41	228.85	.52
8313.00	2.10	289.80	8308.52	-107.17	-126.79	-107.17	166.02	229.79	.33
8407.00	2.50	286.90	8402.45	-105.99	-130.37	-105.99	168.02	230.89	.44
8501.00	2.40	276.60	8496.36	-105.17	-134.29	-105.17	170.57	231.93	.48
8594.00	2.10	259.30	8589.29	-105.26	-137.90	-105.26	173.48	232.64	.79

CONFIDENTIAL

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	
8687.00	2.20	251.40	8682.23	-106.15	-141.26	-106.15	176.70	233.08	.34
8780.00	2.50	240.04	8775.15	-107.73	-144.71	-107.73	180.41	233.33	.59
8873.00	2.50	217.40	8868.06	-110.36	-147.70	-110.36	184.38	233.23	1.05
8967.00	2.10	202.90	8961.99	-113.57	-149.62	-113.57	187.84	232.80	.75
9060.00	1.50	192.40	9054.94	-116.33	-150.54	-116.33	190.25	232.30	.73
9153.00	1.80	202.50	9147.90	-118.87	-151.36	-118.87	192.46	231.86	.45
9246.00	2.10	209.70	9240.85	-121.70	-152.76	-121.70	195.31	231.46	.42
9340.00	2.40	220.90	9334.78	-124.68	-154.91	-124.68	198.85	231.17	.56
9434.00	1.60	230.10	9428.72	-127.01	-157.20	-127.01	202.10	231.06	.91
9527.00	2.20	234.40	9521.67	-128.88	-159.65	-128.88	205.18	231.09	.66
9621.00	2.60	232.50	9615.58	-131.23	-162.81	-131.23	209.11	231.13	.43
9713.00	3.00	233.50	9707.47	-133.93	-166.40	-133.93	213.60	231.17	.44
9806.00	2.20	242.60	9800.38	-136.20	-169.94	-136.20	217.79	231.29	.97
9898.00	2.40	248.50	9892.30	-137.72	-173.30	-137.72	221.36	231.53	.34
9992.00	2.50	254.00	9986.22	-139.01	-177.10	-139.01	225.14	231.87	.27
10086.00	3.00	244.80	10080.11	-140.62	-181.30	-140.62	229.44	232.20	.71
10133.00	3.20	247.70	10127.04	-141.64	-183.62	-141.64	231.91	232.35	.54
<b>Projection to TD</b>									
10176.00	3.20	247.70	10169.97	-142.55	-185.85	-142.55	234.22	232.51	.00

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AUG 03 2009

DIV. OF OIL, GAS & MINING

API # 43-019-31605 TARS R1/E 5-16 SENE



JOB NO.:	0932-428-022	Report Time:	2400	1 of 43
COMPANY:	Fidelity Exploration	API JOB #		
LOCATION:	Grand County	WORK ORDER#		
RIG NAME:	Frontier #7	FIELD:		
STATE:	Utah	Township:		
COUNTY:	Grand County	SECTRANGE:		
WELL NAME:	State 16-42			

From Sunday, January 25, 2009 at 0000 to Sunday, January 25, 2009 at 2400

DRILLING SUMMARY				Drilling Parameters						
Start Depth	142.00	Rotary Hours	0.25	WOB	1	Pick UP	22	Slack Off	22	SPM
End Depth	170.00	Circulating Hours	0.00	RAB	22	SPP	430	FlowRate	0-610	170
Total Drilled:	28.00	Avg. Total ROP:	9.33	Mud Data						
Total Rotary Drilled:	24.00	Avg. Rotary ROP:	96.00	Type	H2O	PV	0	SOLID	0	
Total Drilled Sliding:	4.00	Avg. Slide ROP:	1.45	Weight	8.6	GAS	0	YP	0	BHT°
Slide Hours:	2.75	Percent Rotary:	85.71	Viscosity	28	SAND	0	PH	0	Flow T°
Below Rotary Hrs.	7.00	Percent Slide:	14.29	Chlorides	0	WL	0	Oil %	0	

PERSONNEL				CASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 1:Smith G28B, Bit Sub, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, UBHO, Gap Sub, NMDC, X-Over, 3jts 6 1/2 DC,			
Second Directional :	Scott Crighton			Signature:						
MWD Operator1	Bob Burger									
MWD Operator2	Mike									
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Jerry Duley			Daily Cost	\$17,660.00					
Incl. In:	0.2	Azm. In:	102.5	Incl. Out:	1.2	Azm. Out:	215	Cummulative Cost:	\$17,660.00	

GENERAL COMMENT

Sweeps were as follows: 75 bbls H2O, 20 sacks Dura Gel, 5 Sacks sawdust, 5 Sacks nutplug, 2 Gallons of Poly-Plus. Sweeps to be pumped as follows: First sweep 75 bbls, and 20 bbl sweeps ever connection, and as hole dictates.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Jan-09	00:00	10:00	10.00	0	0	Standby	Travel to Rig / Stby
25-Jan-09	10:00	15:00	5.00	0	0	Standby	Stby w/o Cement
25-Jan-09	15:00	16:30	1.50	0	70	Change BHA	Pick up Directional Tools
25-Jan-09	16:30	17:30	1.00	70	142	TIH	TIH 2 DC
25-Jan-09	17:30	19:30	2.00	142	142	Standby	W/O Cement / Test EM Tool
25-Jan-09	19:30	19:45	0.25	142	166	Drilling	Dress Cement Plug
25-Jan-09	19:45	20:00	0.25	166	166	Survey & Conn.	Survey @ 166'
25-Jan-09	20:00	22:00	2.00	166	169	Sliding	Time Drill 3min/inch
25-Jan-09	22:00	22:30	0.50	169	169	Other	Fill mud tanks
25-Jan-09	22:30	23:00	0.50	169	170	Sliding	Time Drill 3min/inch
25-Jan-09	23:00	23:45	0.75	170	170	Other	Fill mud tanks
25-Jan-09	23:45	24:00	0.25	170	170	Sliding	Time Drill 3min/inch



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	2 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECT/RANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Monday, January 26, 2009 at 0000 to Monday, January 26, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	170.00	Rotary Hours	1.25	WOB	0	Pick UP	22	Slack Off	22	SPM	
End Depth	241.00	Circulating Hours	0.00	RAB	22	SPP	800	FlowRate	0 - 610	170	
Total Drilled:	71.00	Avg. Total ROP:	4.10	<b>Mud Data</b>							
Total Rotary Drilled:	40.00	Avg. Rotary ROP:	32.00	Type	H2O	PV	0	SOLID	0		
Total Drilled Sliding:	31.00	Avg. Slide ROP:	1.93	Weight	8.6	GAS	0	YP	1	BHT°	0
Slide Hours:	16.08	Percent Rotary:	56.34	Viscosity	28	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	43.66	Chlorides	0	WL	0	Oil %	0		

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 1:Smith G28B, Bit Sub, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, UBHO, Gap Sub, NMDC, X-Over, 3jts 6 1/2 DC,		
Second Directional :	Scott Crighton			Signature:					
MWD Operator1	Bob Burger								
MWD Operator2									
Directional Company:	Multi-Shot								
Geologist:									
Company Man:	Jerry			Daily Cost	\$11,500.00				
Incl. In:	0.2	Azm. In:	102.5	Incl. Out:	0.2	Azm. Out:	147.1	Cummulative Cost:	\$29,160.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Jan-09	00:00	01:00	1.00	170	171	Sliding	Time drill 3min/inch
26-Jan-09	01:00	02:15	1.25	171	171	Other	Fill mud tanks
26-Jan-09	02:15	03:15	1.00	171	172	Sliding	Time drill 5min/inch
26-Jan-09	03:15	03:45	0.50	172	172	Other	Fill mud tanks
26-Jan-09	03:45	04:15	0.50	172	172	Other	Trouble-shoot MWD
26-Jan-09	04:15	07:00	2.75	172	174	Sliding	Time drill 5min/inch
26-Jan-09	07:00	08:00	1.00	174	174	Other	Fill mud tanks
26-Jan-09	08:00	09:00	1.00	174	175	Sliding	Sliding - Time Drill 5 min. Inch
26-Jan-09	09:00	10:00	1.00	175	175	POOH	POOH for Rotary Rubber
26-Jan-09	10:00	11:00	1.00	175	175	TIH	TIH
26-Jan-09	11:00	11:30	0.50	175	175	Other	Nipple up Rubber to put Air on Hole
26-Jan-09	11:30	13:20	1.83	175	176	Sliding	Time Drill 5 min Inch
26-Jan-09	13:20	16:20	3.00	176	180	Sliding	Time Drill 3 Min Inch
26-Jan-09	16:20	16:30	0.17	180	181	Drilling	Drilling
26-Jan-09	16:30	16:40	0.17	181	181	Survey & Conn.	Check Shot
26-Jan-09	16:40	17:10	0.50	181	197	Drilling	Drilling - (WOB:1;GPM :610;RPM:0)
26-Jan-09	17:10	17:40	0.50	197	213	Sliding	Rotated back in old Hole Start Control Sliding

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Jan-09	17:40	17:50	0.17	213	213	Survey & Conn.	Survey & Conn.
26-Jan-09	17:50	18:25	0.58	213	236	Drilling	As per Co-Man Request Rotate
26-Jan-09	18:25	18:35	0.17	236	236	Survey & Conn.	Check Shot
26-Jan-09	18:35	19:00	0.42	236	236	Other	Trough Pipe to Start Time Drill
26-Jan-09	19:00	24:00	5.00	236	241	Sliding	Time Drill 5min Inch



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	<b>3 of 43</b>
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECT/RANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Tuesday, January 27, 2009 at 0000 to Tuesday, January 27, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters								
Start Depth	241.00	Rotary Hours	4.00	WOB	10	Pick UP	38	Slack Off	38	SPM		
End Depth	488.00	Circulating Hours	0.50	RAB	38	SPP	800	FlowRate	610 - 610	170		
Total Drilled:	247.00	Avg. Total ROP:	13.12	<b>Mud Data</b>								
Total Rotary Drilled:	200.00	Avg. Rotary ROP:	50.00	Type	H2O	PV	0	SOLID	0			
Total Drilled Sliding:	47.00	Avg. Slide ROP:	3.17	Weight	8.6	GAS	0	YP	1	BHT°	0	
Slide Hours:	14.83	Percent Rotary:	80.97	Viscosity	28	SAND	0	PH	0	Flow T°	0	
Below Rotary Hrs.	24.00	Percent Slide:	19.03	Chlorides	0	WL	0	Oil %	0			

PERSONNEL				cASING			BHA	
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 1:Smith G28B, Bit Sub, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, UBHO, Gap Sub, NMDC, X-Over, 3jts 6 1/2 DC,	
Second Directional :	Scott Crighton			Signature:				
MWD Operator1	Bob Burger							
MWD Operator2								
Directional Company:	Multi-Shot							
Geologist:				Daily Cost			\$11,500.00	
Company Man:	Jerry			Cummulative Cost:			\$40,660.00	
Incl. In:	0.2	Azm. In:	147.1	Incl. Out:	1.4	Azm. Out:	223.1	

**GENERAL COMMENT**

Drilled to 488' lost Circulation. POOH Lay down Directional Tools Pick up Air Hammer.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Jan-09	00:00	03:00	3.00	241	244	Sliding	Time Drill 4min Inch
27-Jan-09	03:00	03:20	0.33	244	244	Survey & Conn.	Survey @193'
27-Jan-09	03:20	05:00	1.67	244	246	Sliding	Time Drill 4min Inch
27-Jan-09	05:00	14:50	9.83	246	271	Sliding	Time Drill 3min Inch
27-Jan-09	14:50	15:00	0.17	271	275	Drilling	Drilling - (WOB:10;GPM :610;RPM:0)
27-Jan-09	15:00	15:10	0.17	275	275	Survey & Conn.	Survey & Conn.
27-Jan-09	15:10	15:30	0.33	275	275	Rig Service-Inhole	Rig Service-Inhole
27-Jan-09	15:30	16:40	1.17	275	305	Drilling	Drilling - (WOB:10;GPM :610;RPM:40)
27-Jan-09	16:40	16:50	0.17	305	305	Survey & Conn.	Check Shot
27-Jan-09	16:50	17:10	0.33	305	325	Drilling	Drilling - (WOB:10;GPM :610;RPM:40)
27-Jan-09	17:10	17:30	0.33	325	325	Survey & Conn.	Check Shot
27-Jan-09	17:30	17:40	0.17	325	336	Sliding	Sliding - (WOB:1;GPM :610;TFO:270)
27-Jan-09	17:40	17:50	0.17	336	336	Survey & Conn.	Survey & Conn.
27-Jan-09	17:50	18:00	0.17	336	342	Sliding	Sliding - (WOB:12;GPM :610;TFO:270)
27-Jan-09	18:00	18:20	0.33	342	366	Drilling	Drilling - (WOB:10;GPM :610;RPM:40)
27-Jan-09	18:20	18:30	0.17	366	366	Survey & Conn.	Chek Shot
27-Jan-09	18:30	19:00	0.50	366	397	Drilling	Drilling - (WOB:10;GPM :610;RPM:40)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Jan-09	19:00	19:20	0.33	397	397	Survey & Conn.	Survey & Conn.
27-Jan-09	19:20	19:50	0.50	397	428	Drilling	Drilling - (WOB:10;GPM :610;RPM:40)
27-Jan-09	19:50	20:00	0.17	428	428	Reaming	Ream out past fish
27-Jan-09	20:00	21:00	1.00	428	488	Drilling	Drilling
27-Jan-09	21:00	21:20	0.33	488	488	Survey & Conn.	Survey & Conn.
27-Jan-09	21:20	21:40	0.33	488	488	Circulating	Circulate
27-Jan-09	21:40	22:25	0.75	488	70	POOH	POOH
27-Jan-09	22:25	24:00	1.58	70	0	POOH	Lay Down Directional Tools



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	4 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECT/RANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Monday, February 02, 2009 at 0000 to Monday, February 02, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters								
Start Depth	0.00	Rotary Hours	0.00	WOB	10	Pick UP	38	Slack Off	38	SPM		
End Depth	0.00	Circulating Hours	0.00	RAB	38	SPP	800	FlowRate	610 - 610	170		
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>								
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	H2O	PV	0	SOLID	0			
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.6	GAS	0	YP	1	BHT°	0	
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	28	SAND	0	PH	0	Flow T°	0	
Below Rotary Hrs.	5.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0			

PERSONNEL				cCASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	N/A		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			9 5/8	53.5	7090			
MWD Operator2				Signature:					
Directional Company:	Multi-Shot								
Geologist:									
Company Man:	Jerry			Daily Cost	\$11,500.00				
Incl. In:	1.4	Azm. In:	223.1	Incl. Out:	1.4	Azm. Out:	223.1	Cummulative Cost:	\$52,160.00

**GENERAL COMMENT**

The Rig Drilled to 3556' Took Survey at 3495' 3.6inc. 96.4Azi. POOH to Pick up Directional Tools.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Feb-09	00:00	19:00	19.00	488	3556	Standby	Standby / Rig Drilled out to 3556' W/ air Hammer
2-Feb-09	19:00	22:00	3.00	3556	0	POOH	POOH Lay Down Hammer Bit
2-Feb-09	22:00	24:00	2.00	0	68	Change BHA	Pick up Directional Tools



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	5 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Tuesday, February 03, 2009 at 0000 to Tuesday, February 03, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3556.00	Rotary Hours	2.75	WOB	6	Pick UP	110	Slack Off	95	SPM	
End Depth	3656.00	Circulating Hours	7.00	RAB	0	SPP	1100	FlowRate	0 - 610	170	
Total Drilled:	100.00	Avg. Total ROP:	23.08	Mud Data							
Total Rotary Drilled:	75.00	Avg. Rotary ROP:	27.27	Type	H2O			PV	28	SOLID	0
Total Drilled Sliding:	25.00	Avg. Slide ROP:	15.79	Weight	8.5	GAS	0	YP	1	BHT°	0
Slide Hours:	1.58	Percent Rotary:	75.00	Viscosity	28	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	25.00	Chlorides	0	WL	0	Oil %		0	

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 2:Smith MD1616, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, UBHO, Gap Sub, NMDC, X-Over, 3jts 6 1/2 DC, X-Over, 27 Spiral, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			Signature:						
MWD Operator2										
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Jerry			Daily Cost		\$11,500.00				
Incl. In:	1.4	Azm. In:	223.1	Incl. Out:	2.8	Azm. Out:	155.01	Cummulative Cost:	\$63,660.00	

**GENERAL COMMENT**

EM Tool is not Working right. POOH Work tight Hole.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Feb-09	00:00	03:00	3.00	0	2884	TIH	TIH, test MWD
3-Feb-09	03:00	09:20	6.33	2884	3556	Reaming	Ream Tight hole
3-Feb-09	09:20	09:30	0.17	3556	3556	Survey & Conn.	Survey & Conn.
3-Feb-09	09:30	10:15	0.75	3556	3571	Sliding	Sliding - (WOB:12;GPM :610;TFO:270)
3-Feb-09	10:15	13:00	2.75	3571	3646	Drilling	Drilling - (WOB:10;GPM :610;RPM:40)
3-Feb-09	13:00	13:15	0.25	3646	3646	Survey & Conn.	Survey & Conn.
3-Feb-09	13:15	14:05	0.83	3646	3656	Sliding	Sliding - (WOB:6;GPM :610;TFO:270)
3-Feb-09	14:05	14:20	0.25	3656	3656	Survey & Conn.	Check shot, EM tool Failure.
3-Feb-09	14:20	15:00	0.67	3656	3656	Circulating	Circulating, Rig service
3-Feb-09	15:00	16:15	1.25	3656	3656	POOH	POOH, L/D 7 Joints
3-Feb-09	16:15	18:30	2.25	3656	3656	Pipe Stuck	Pipe Stuck, Work stuck pipe,@ MD of 3430'
3-Feb-09	18:30	24:00	5.50	3656	3656	Pipe Stuck	Pipe Stuck, kelly down and work pipe, wait on surface jars



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	6 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

From Wednesday, February 04, 2009 at 0000 to Wednesday, February 04, 2009 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	6	Pick UP	110	Slack Off	95	SPM	
End Depth	0.00	Circulating Hours	3.75	RAB	0	SPP	1100	FlowRate	610 - 610	170	
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	H2O	PV	28	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.5	GAS	0	YP	1	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	28	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	17.75	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0		

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 3:Smith MDI616, 7/8mil. 4.0stg. 8" PDM, X-Over, 6 1/4 UBHO, 6 1/4 Gap Sub, NMDC, 3jts 6 1/2 DC, X-Over, 22jts Spiral HWDP, Jars, 4jts. Spiral HWDP, X-Over,		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			9 5/8	53.5	7090			
MWD Operator2									
Directional Company:	Multi-Shot			Signature:					
Geologist:									
Company Man:	Jerry			Daily Cost			\$15,160.00		
Incl. In:	2.8	Azm. In:	155.01	Incl. Out:	2.8	Azm. Out:	155.1	Cummulative Cost:	\$78,820.00

**GENERAL COMMENT**

POOH Change BHA & EM Tool, Pick up 8" BICO Motor with 6 1/2 Tools. as requested by Co-Man.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Feb-09	00:00	00:45	0.75	3656	3656	Pipe Stuck	Pipe Stuck, Work Stuck pipe, Wait on Surface Jars
4-Feb-09	00:45	01:30	0.75	3656	3656	Other	Pick up Surface Jars
4-Feb-09	01:30	04:50	3.33	3656	3656	Work Pipe	Work Pipe, Jar pipe free
4-Feb-09	04:50	08:00	3.17	3656	0	POOH	POOH
4-Feb-09	08:00	10:00	2.00	0	71	Change BHA	Pick up 8" PDM & new EM Tool
4-Feb-09	10:00	10:30	0.50	71	71	Other	Prove to Co-Man that we do have a Bico PDM in Hole
4-Feb-09	10:30	12:15	1.75	71	2903	TIH	TIH to a MD of 2903'
4-Feb-09	12:15	16:00	3.75	2903	3027	Reaming	Ream and Wash In Tight Hole to 3027' MD
4-Feb-09	16:00	17:15	1.25	3027	0	POOH	POOH
4-Feb-09	17:15	17:45	0.50	0	0	Change BHA	Standby, L/D Directional Tools
4-Feb-09	17:45	20:00	2.25	0	2866	Standby	Trip in hole to 2866' MD
4-Feb-09	20:00	21:00	1.00	2866	2884	Standby	Standby, Ream Tight hole
4-Feb-09	21:00	21:30	0.50	2884	2884	Standby	Standby, Fix pit liner
4-Feb-09	21:30	24:00	2.50	2884	2928	Standby	Standby, Ream Hole



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	7 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Thursday, February 05, 2009 at 0000 to Thursday, February 05, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	12	Pick UP	110	Slack Off	95	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	100	SPP	820	FlowRate	400 - 400	114	
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	H2O	PV	0	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.5	GAS	0	YP	1	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	28	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0		

PERSONNEL				CASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	N/A		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			9 5/8	53.5	7090			
MWD Operator2									
Directional Company:	Multi-Shot								
Geologist:				Signature:					
Company Man:	Jerry						Daily Cost	\$8,600.00	
Incl. In:	2.8	Azm. In:	155.1	Incl. Out:	2.8	Azm. Out:	155.1	Cummulative Cost:	\$87,420.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Feb-09	00:00	01:15	1.25	2928	3001	Standby	Ream Hole, pump 20 bbl sweep every conn.
5-Feb-09	01:15	01:40	0.42	3001	3370	Standby	TIH with 4 stands & single
5-Feb-09	01:40	04:00	2.33	3370	3370	Standby	Pipe Stuck, Jar on stuck pipe with drilling jars.
5-Feb-09	04:00	04:30	0.50	3370	3370	Standby	Standby, Rig derick inspection
5-Feb-09	04:30	05:30	1.00	3370	3370	Standby	Jar on Stuck Pipe,
5-Feb-09	05:30	11:00	5.50	3370	3370	Standby	W/O Wire Line Truck to Free Point
5-Feb-09	11:00	17:30	6.50	3370	3370	Standby	Rig up wire line truck and freepoint tubing
5-Feb-09	17:30	21:40	4.17	3370	0	Standby	Back off tubing, Trip out of hole with 67' left in hole
5-Feb-09	21:40	24:00	2.33	0	0	Standby	Pick up fishing tools and jars



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	8 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Friday, February 06, 2009 at 0000 to Friday, February 06, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	5	Pick UP	100	Slack Off	85	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	90	SPP	1250	FlowRate	0 - 560	160	
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	H2O	PV	0	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.5	GAS	0	YP	1	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	28	SAND	0	PH	28	Flow T°	0
Below Rotary Hrs.	10.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0		

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	N/A		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			9 5/8	53.5	7090			
MWD Operator2									
Directional Company:	Multi-Shot								
Geologist:				Signature:					
Company Man:	Bruce						Daily Cost	\$7,200.00	
Incl. In:	2.8	Azm. In:	155.1	Incl. Out:	2.8	Azm. Out:	155.1	Cummulative Cost:	\$94,620.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Feb-09	00:00	02:00	2.00	0	0	Standby	Pick up Fishing Tools
6-Feb-09	02:00	04:15	2.25	0	2893	Standby	TIH
6-Feb-09	04:15	07:30	3.25	2893	2893	Standby	Work Tight Hole
6-Feb-09	07:30	10:00	2.50	2893	0	Standby	POOH Lay down Fishing Tools
6-Feb-09	10:00	12:30	2.50	0	0	Rig Service-Outhole	Rig Service-Outhole
6-Feb-09	12:30	20:00	7.50	0	0	Rig repair	Rebuild flow line
6-Feb-09	20:00	22:00	2.00	0	348	Standby	Pick up Tri-cone Bit and Jars
6-Feb-09	22:00	23:30	1.50	348	2855	Standby	TIH
6-Feb-09	23:30	24:00	0.50	2855	2902	Standby	Ream and condition tight hole



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	9 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Saturday, February 07, 2009 at 0000 to Saturday, February 07, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	6	Pick UP	100	Slack Off	85	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	90	SPP	0	FlowRate	560 - 560	160	
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	H2O	PV	0	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.6	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	28	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0		

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	N/A		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			9 5/8	53.5	7090			
MWD Operator2									
Directional Company:	Multi-Shot								
Geologist:				Signature:					
Company Man:	Bruce						Daily Cost	\$7,200.00	
Incl. In:	2.8	Azm. In:	155.1	Incl. Out:	2.8	Azm. Out:	155.1	Cummulative Cost:	\$101,820.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Feb-09	00:00	05:20	5.33	2902	2936	Standby	Ream and condition hole
7-Feb-09	05:20	05:40	0.33	2936	2936	Standby	Trip out with 2 stands
7-Feb-09	05:40	06:40	1.00	2936	2936	Standby	Rig repair, Tighten connections on power swivel
7-Feb-09	06:40	06:50	0.17	2936	2936	Standby	TIH, with 2 stands
7-Feb-09	06:50	15:30	8.67	2936	3326	Standby	Ream and condition hole
7-Feb-09	15:30	18:30	3.00	3326	3326	Standby	Circulate, and pump visc sweep
7-Feb-09	18:30	19:40	1.17	3326	3326	Standby	POOH, wiper trip to BHA
7-Feb-09	19:40	21:00	1.33	3326	3326	Standby	TIH to top of fish checking tool joint connections
7-Feb-09	21:00	23:45	2.75	3326	3326	Standby	Circulate and work pipe, pump visc sweep
7-Feb-09	23:45	24:00	0.25	3326	3326	Standby	Trip out with 5 stands



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	10 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECT/RANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Sunday, February 08, 2009 at 0000 to Sunday, February 08, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	6	Pick UP	100	Slack Off	85	SPM
End Depth	0.00	Circulating Hours	0.00	RAB	90	SPP	1150	FlowRate	525 - 560	150
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	H2O	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.6	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	39	SAND	0	PH	28	Flow T°
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	N/A		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			9 5/8	53.5	7090			
MWD Operator2									
Directional Company:	Multi-Shot								
Geologist:				Signature:					
Company Man:	Bruce						Daily Cost	\$7,200.00	
Incl. In:	2.8	Azm. In:	155.1	Incl. Out:	2.8	Azm. Out:	155.1	Cummulative Cost:	\$109,020.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Feb-09	00:00	02:30	2.50	3326	0	Standby	POOH, For Fishing Tools and Jars
8-Feb-09	02:30	03:30	1.00	0	0	Standby	Standby, Pick up Fishing assembly
8-Feb-09	03:30	05:15	1.75	0	3267	Standby	TIH
8-Feb-09	05:15	07:30	2.25	3267	3326	Standby	Wash & Ream to Fish
8-Feb-09	07:30	08:00	0.50	3326	3326	Standby	Circulating on top of Fish
8-Feb-09	08:00	11:50	3.83	3326	3253	Standby	Jar Fish out of Tight Spot
8-Feb-09	11:50	12:20	0.50	3253	3159	Standby	POOH with Pump 3 jts.
8-Feb-09	12:20	14:15	1.92	3159	3159	Standby	Circulating / Pump Sweep & Pill
8-Feb-09	14:15	17:00	2.75	3159	0	Standby	POOH with Fish
8-Feb-09	17:00	19:00	2.00	0	0	Standby	Lay down Fishing tools and Fish
8-Feb-09	19:00	19:45	0.75	0	0	Standby	Pick up Tri-cone Bit
8-Feb-09	19:45	21:15	1.50	0	3136	Standby	TIH
8-Feb-09	21:15	24:00	2.75	3136	3495	Standby	Ream and condition hole



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	11 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Monday, February 09, 2009 at 0000 to Monday, February 09, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	6	Pick UP	110	Slack Off	95	SPM
End Depth	0.00	Circulating Hours	5.25	RAB	105	SPP	1500	FlowRate	525 - 600	160
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	H2O	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.9	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	39	SAND	0	PH	28	Flow T°
Below Rotary Hrs.	13.50	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL			CASING			BHA			
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	BHA # 4:619M-A18 Hycalog, MSD 6/7mil. 4.0stg. 7 3/4 PDM, Float Sub, 8" UBHO, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,			
Second Directional :	Scott Crighton		13 3/8	54.5	1511				
MWD Operator1	Bob Burger		9 5/8	53.5	7090				
MWD Operator2									
Directional Company:	Multi-Shot		Signature:						
Geologist:									
Company Man:	Bruce		Daily Cost			\$11,500.00			
Incl. In:	2.8	Azm. In:	155.1	Incl. Out:	2.8	Azm. Out:	155.1	Cummulative Cost:	\$120,520.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Feb-09	00:00	04:30	4.50	3495	3659	Standby	Ream tight hole
9-Feb-09	04:30	06:30	2.00	3659	3659	Standby	Circulating
9-Feb-09	06:30	10:30	4.00	3659	0	Standby	POOH
9-Feb-09	10:30	13:00	2.50	0	70	Change BHA	Change BHA, Pick up Directional Tools
9-Feb-09	13:00	15:30	2.50	70	1630	TIH	TIH
9-Feb-09	15:30	16:15	0.75	1630	1630	Other	Other, Test EM Tool
9-Feb-09	16:15	17:15	1.00	1630	2964	TIH	TIH
9-Feb-09	17:15	20:15	3.00	2964	2995	Reaming	Ream
9-Feb-09	20:15	20:30	0.25	2995	3115	TIH	TIH, Pick up 4 Joints
9-Feb-09	20:30	20:45	0.25	3115	2935	POOH	POOH, Lay down 6 Joints
9-Feb-09	20:45	21:00	0.25	2935	3207	TIH	TIH, Run 3 Stands from Derick
9-Feb-09	21:00	22:00	1.00	3207	3274	Reaming	Ream Hole
9-Feb-09	22:00	22:15	0.25	3274	3394	TIH	TIH, Pick up 4 Joints
9-Feb-09	22:15	23:00	0.75	3394	3394	Circulating	Circulating, Pump Sweep
9-Feb-09	23:00	23:15	0.25	3394	3124	POOH	POOH, Lay down 9 Joints
9-Feb-09	23:15	23:30	0.25	3124	3484	TIH	TIH, Run last 4 Stands From Derick
9-Feb-09	23:30	24:00	0.50	3484	3525	Reaming	Ream Hole



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	12 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Tuesday, February 10, 2009 at 0000 to Tuesday, February 10, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	3656.00	Rotary Hours	6.92	WOB	25	Pick UP	110	Slack Off	95	SPM
End Depth	3764.00	Circulating Hours	6.50	RAB	105	SPP	1500	FlowRate	600 - 610	170
Total Drilled:	108.00	Avg. Total ROP:	11.47	<b>Mud Data</b>						
Total Rotary Drilled:	78.00	Avg. Rotary ROP:	11.28	Type	H2O	PV	8	SOLID	5	
Total Drilled Sliding:	30.00	Avg. Slide ROP:	12.00	Weight	8.9	GAS	0	YP	14	BHT°
Slide Hours:	2.50	Percent Rotary:	72.22	Viscosity	44	SAND	0	PH	9	Flow T°
Below Rotary Hrs.	20.25	Percent Slide:	27.78	Chlorides	18000	WL	0	Oil %	0	

PERSONNEL				cASING			BHA
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	BHA # 5: Security EQH 265, MSD 6/7mil. 4.0stg. 7 3/4 PDM, Float Sub, 8" UBHO, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,		
Second Directional :	Scott Crighton	13 3/8	54.5	1511			
MWD Operator1	Bob Burger	Signature:					
MWD Operator2							
Directional Company:	Multi-Shot						
Geologist:					Daily Cost	\$11,500.00	
Company Man:	Bruce Jackson				Cummulative Cost:	\$132,020.00	
Incl. In:	2.5	Azm. In:	197.7	Incl. Out:	2.8	Azm. Out:	202.3

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Feb-09	00:00	02:30	2.50	3525	3656	Reaming	Ream Hole
10-Feb-09	02:30	02:40	0.17	3656	3656	Survey & Conn.	Check Shot
10-Feb-09	02:40	03:45	1.08	3656	3676	Sliding	Sliding - @ 10 MTF
10-Feb-09	03:45	06:50	3.08	3676	3742	Drilling	Drilling - (WOB:5;GPM :610;RPM:40)
10-Feb-09	06:50	07:00	0.17	3742	3742	Survey & Conn.	Survey & Conn.
10-Feb-09	07:00	08:25	1.42	3742	3752	Sliding	Sliding - Needed 20' Co-Man Made me Stop To Slow
10-Feb-09	08:25	10:30	2.08	3752	3763	Drilling	Drilling
10-Feb-09	10:30	11:00	0.50	3763	3763	Other	Switch to Air & Mud
10-Feb-09	11:00	12:15	1.25	3763	3764	Drilling	Drilling - (WOB:25;GPM :610;RPM:45)
10-Feb-09	12:15	12:45	0.50	3764	3764	Drilling	Drilling - Shut Air Off
10-Feb-09	12:45	13:20	0.58	3764	3764	Circulating	Circulating / Pump Pill
10-Feb-09	13:20	15:45	2.42	3764	0	Circulating	POOH Lay Down Bit
10-Feb-09	15:45	16:15	0.50	0	0	Rig Service- Outhole	Standby, Rig Service.
10-Feb-09	16:15	20:00	3.75	0	0	Standby	Standby, Wait on Tri
10-Feb-09	20:00	20:15	0.25	0	0	Change BHA	Pick up Security Tri-cone Bit
10-Feb-09	20:15	22:00	1.75	0	3483	TIH	TIH
10-Feb-09	22:00	22:20	0.33	3483	3483	MWD Survey	Test EM Tool

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Feb-09	22:20	23:20	1.00	3483	3711	TIH	TIH with 27 stands, pick up 5 joints
10-Feb-09	23:20	24:00	0.67	3711	3753	Reaming	Ream hole



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	13 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Wednesday, February 11, 2009 at 0000 to Wednesday, February 11, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3764.00	Rotary Hours	15.83	WOB	30	Pick UP	115	Slack Off	105	SPM	
End Depth	3994.00	Circulating Hours	0.33	RAB	112	SPP	1500	FlowRate	610 - 660	188	
Total Drilled:	230.00	Avg. Total ROP:	10.04	Mud Data							
Total Rotary Drilled:	176.00	Avg. Rotary ROP:	11.12	Type	H2O	PV	13	SOLID	6		
Total Drilled Sliding:	54.00	Avg. Slide ROP:	7.62	Weight	8.9	GAS	0	YP	14	BHT°	0
Slide Hours:	7.08	Percent Rotary:	76.52	Viscosity	49	SAND	0	PH	9	Flow T°	75
Below Rotary Hrs.	24.00	Percent Slide:	23.48	Chlorides	20000	WL	12	Oil %	0		

PERSONNEL				CASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 5: Security EQH 265, MSD 6/7mil. 4.0stg. 7 3/4 PDM, Float Sub, 8" UBHO, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			Signature:						
MWD Operator2										
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Bruce Jackson			Daily Cost	\$12,185.00					
Incl. In:	2.8	Azm. In:	202.3	Incl. Out:	1.8	Azm. Out:	193.9	Cummulative Cost:	\$144,205.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Feb-09	00:00	00:20	0.33	3753	3764	Reaming	Ream Hole
11-Feb-09	00:20	04:30	4.17	3764	3804	Drilling	Drilling
11-Feb-09	04:30	04:40	0.17	3804	3804	Survey & Conn.	Survey & Conn.
11-Feb-09	04:40	09:35	4.92	3804	3835	Sliding	Sliding - (WOB:22.5; :610;TFO:22)
11-Feb-09	09:35	15:30	5.92	3835	3897	Drilling	Drilling
11-Feb-09	15:30	15:35	0.08	3897	3897	Survey & Conn.	Survey & Conn.
11-Feb-09	15:35	15:55	0.33	3897	3897	Rig Service-Inhole	Rig Service-Inhole
11-Feb-09	15:55	17:35	1.67	3897	3917	Sliding	Sliding - (WOB:30;GPM :610;TFO:15)
11-Feb-09	17:35	23:20	5.75	3917	3991	Drilling	Drilling - (WOB:25;GPM :660;RPM:50)
11-Feb-09	23:20	23:30	0.17	3991	3991	Survey & Conn.	Survey & Conn.
11-Feb-09	23:30	24:00	0.50	3991	3994	Sliding	Sliding - (WOB:30;GPM :610;TFO:15)



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	14 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECT\ RANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Thursday, February 12, 2009 at 0000 to Thursday, February 12, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3994.00	Rotary Hours	13.83	WOB	33	Pick UP	116	Slack Off	102	SPM	
End Depth	4140.00	Circulating Hours	2.08	RAB	110	SPP	900	FlowRate	425 - 660	185	
Total Drilled:	146.00	Avg. Total ROP:	8.94	<b>Mud Data</b>							
Total Rotary Drilled:	127.00	Avg. Rotary ROP:	9.18	Type	H2O	PV	13	SOLID	6		
Total Drilled Sliding:	19.00	Avg. Slide ROP:	7.60	Weight	8.9	GAS	0	YP	14	BHT°	0
Slide Hours:	2.50	Percent Rotary:	86.99	Viscosity	39	SAND	0	PH	0	Flow T°	75
Below Rotary Hrs.	24.00	Percent Slide:	13.01	Chlorides	20000	WL	14	Oil %	0		

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 6:Smith F25YC, MSD 6/7mil. 4.0stg. 7 3/4 PDM, Float Sub, 8" UBHO, 8" Gap Sub, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			Signature:						
MWD Operator2										
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Bruce Jackson			Daily Cost	\$11,500.00					
Incl. In:	1.8	Azm. In:	193.9	Incl. Out:	1.4	Azm. Out:	209	Cummulative Cost:	\$155,705.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Feb-09	00:00	02:30	2.50	3994	4013	Sliding	Sliding 25' Co-Man Stopped us at 22' / 1' an Hr Slower than Rotating "Sliding to Slow"
12-Feb-09	02:30	10:30	8.00	4013	4082	Drilling	Drilling
12-Feb-09	10:30	11:25	0.92	4082	4082	Circulating	Circulating / Pump Sweep
12-Feb-09	11:25	11:30	0.08	4082	4082	Survey & Conn.	Survey & Conn.
12-Feb-09	11:30	11:45	0.25	4082	4082	Circulating	Circulating / Pump Pill
12-Feb-09	11:45	14:00	2.25	4082	0	POOH	Penetration Rate Slowed, POOH
12-Feb-09	14:00	14:30	0.50	0	0	Change BHA	Change BHA
12-Feb-09	14:30	16:30	2.00	0	2516	TIH	TIH
12-Feb-09	16:30	16:40	0.17	2516	2516	Circulating	Test EM Tool
12-Feb-09	16:40	17:25	0.75	2516	3963	TIH	TIH
12-Feb-09	17:25	18:10	0.75	3963	4082	Reaming	Ream to Bottom
12-Feb-09	18:10	20:20	2.17	4082	4107	Drilling	Drilling
12-Feb-09	20:20	23:10	2.83	4107	4128	Drilling	Drilling - Repair #2 pump
12-Feb-09	23:10	24:00	0.83	4128	4140	Drilling	Drilling



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	15 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Friday, February 13, 2009 at 0000 to Friday, February 13, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4140.00	Rotary Hours	20.08	WOB	34	Pick UP	120	Slack Off	102	SPM	
End Depth	4435.00	Circulating Hours	0.00	RAB	110	SPP	1800	FlowRate	650 - 660	185	
Total Drilled:	295.00	Avg. Total ROP:	12.73	<b>Mud Data</b>							
Total Rotary Drilled:	273.00	Avg. Rotary ROP:	13.59	Type	H2O	PV	13	SOLID	6		
Total Drilled Sliding:	22.00	Avg. Slide ROP:	7.14	Weight	8.9	GAS	0	YP	14	BHT°	0
Slide Hours:	3.08	Percent Rotary:	92.54	Viscosity	39	SAND	0	PH	0	Flow T°	75
Below Rotary Hrs.	23.50	Percent Slide:	7.46	Chlorides	20000	WL	14	Oil %	0		

PERSONNEL				cASING			BHA	
Lead Directional :	Jon W Willis	Size	13 3/8	Lb/ft	54.5	Set Depth	1511	
Second Directional :	Scott Crighton	Signature:					BHA # 6:Smith F25YC, MSD 6/7mil. 4.0stg. 7 3/4 PDM, Float Sub, 8" UBHO, 8" Gap Sub, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,	
MWD Operator1	Bob Burger							
MWD Operator2								
Directional Company:	Multi-Shot							
Geologist:						Daily Cost	\$11,500.00	
Company Man:	Bruce Jackson	Incl. In:	1.4	Azm. In:	209	Incl. Out:	2.5	
		Azm. Out:	193.5	Cummulative Cost:			\$167,205.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Feb-09	00:00	02:50	2.83	4140	4180	Drilling	Drilling - (WOB:32;GPM :650;RPM:50)
13-Feb-09	02:50	03:00	0.17	4180	4180	Survey & Conn.	Survey & Conn.
13-Feb-09	03:00	09:05	6.08	4180	4273	Drilling	Drilling
13-Feb-09	09:05	09:10	0.08	4273	4273	Survey & Conn.	Survey & Conn.
13-Feb-09	09:10	15:50	6.67	4273	4367	Drilling	Drilling - (WOB:32;GPM :650;RPM:50)
13-Feb-09	15:50	15:55	0.08	4367	4367	Survey & Conn.	Survey & Conn.
13-Feb-09	15:55	16:25	0.50	4367	4367	Standby	Standby, Rig Service
13-Feb-09	16:25	19:30	3.08	4367	4389	Sliding	Sliding - (WOB:30;GPM :660;TFO:15)
13-Feb-09	19:30	24:00	4.50	4389	4435	Drilling	Drilling



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	16 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

From Saturday, February 14, 2009 at 0000 to Saturday, February 14, 2009 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4435.00	Rotary Hours	14.83	WOB	43	Pick UP	124	Slack Off	120	SPM	
End Depth	4655.00	Circulating Hours	0.83	RAB	122	SPP	2003	FlowRate	640 - 650	182	
Total Drilled:	220.00	Avg. Total ROP:	10.73	Mud Data							
Total Rotary Drilled:	187.00	Avg. Rotary ROP:	12.61	Type	H2O	PV	12	SOLID	6		
Total Drilled Sliding:	33.00	Avg. Slide ROP:	5.82	Weight	9	GAS	0	YP	14	BHT°	0
Slide Hours:	5.67	Percent Rotary:	85.00	Viscosity	43	SAND	0	PH	9	Flow T°	77
Below Rotary Hrs.	24.00	Percent Slide:	15.00	Chlorides	18000	WL	14	Oil %	0		

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 6:Smith F25YC, MSD 6/7mil. 4.0stg. 7 3/4 PDM, Float Sub, 8" UBHO, 8" Gap Sub, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			Signature:						
MWD Operator2										
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Bruce Jackson			Daily Cost	\$11,500.00					
Incl. In:	2.5	Azm. In:	193.5	Incl. Out:	3.2	Azm. Out:	182.3	Cummulative Cost:	\$178,705.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Feb-09	00:00	01:50	1.83	4435	4460	Drilling	Drilling - (WOB:32;GPM :650;RPM:50)
14-Feb-09	01:50	02:00	0.17	4460	4460	Survey & Conn.	Survey & Conn.
14-Feb-09	02:00	07:20	5.33	4460	4522	Drilling	Drilling
14-Feb-09	07:20	07:30	0.17	4522	4522	Survey & Conn.	Check Shot
14-Feb-09	07:30	10:10	2.67	4522	4553	Drilling	Drilling - (WOB:32;GPM :650;RPM:50)
14-Feb-09	10:10	10:15	0.08	4553	4553	Survey & Conn.	Survey & Conn.
14-Feb-09	10:15	14:45	4.50	4553	4578	Sliding	Sliding - (WOB:34;GPM :660;TFO:15)
14-Feb-09	14:45	15:10	0.42	4578	4578	Rig Service-Inhole	Rig Service-Inhole
14-Feb-09	15:10	20:10	5.00	4578	4647	Drilling	Drilling - (WOB:32;GPM :650;RPM:50)
14-Feb-09	20:10	20:20	0.17	4647	4647	Survey & Conn.	Survey & Conn.
14-Feb-09	20:20	21:30	1.17	4647	4655	Sliding	Sliding - (WOB:43;GPM :640;TFO:12)
14-Feb-09	21:30	22:20	0.83	4655	4655	Circulating	Circulate, pump sweep
14-Feb-09	22:20	24:00	1.67	4655	0	POOH	Lay down 7 joints, POOH W/ 36 Stds and double



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	17 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Sunday, February 15, 2009 at 0000 to Sunday, February 15, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4655.00	Rotary Hours	7.42	WOB	32	Pick UP	126	Slack Off	120	SPM	
End Depth	4834.00	Circulating Hours	3.00	RAB	122	SPP	1869	FlowRate	640 - 640	182	
Total Drilled:	179.00	Avg. Total ROP:	13.10	<b>Mud Data</b>							
Total Rotary Drilled:	109.00	Avg. Rotary ROP:	14.70	Type	H2O	PV	10	SOLID	6		
Total Drilled Sliding:	70.00	Avg. Slide ROP:	11.20	Weight	9.2	GAS	0	YP	11	BHT°	0
Slide Hours:	6.25	Percent Rotary:	60.89	Viscosity	45	SAND	0	PH	9.1	Flow T°	78
Below Rotary Hrs.	24.00	Percent Slide:	39.11	Chlorides	12000	WL	12	Oil %	0		

PERSONNEL			cASING			BHA				
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	BHA # 7:Smith GF128B, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, 8" Gap Sub, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,				
Second Directional :	Scott Crighton		13 3/8	54.5	1511					
MWD Operator1	Bob Burger		Signature:							
MWD Operator2										
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Bruce Jackson		Daily Cost	\$11,500.00						
Incl. In:	3.2	Azm. In:	182.3	Incl. Out:	1.9	Azm. Out:	193.2	Cummulative Cost:	\$190,205.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Feb-09	00:00	02:40	2.67	0	0	Change BHA	Change BHA
15-Feb-09	02:40	03:55	1.25	0	2068	TIH	TIH
15-Feb-09	03:55	04:10	0.25	2068	2068	Survey & Conn.	Test EM Tool
15-Feb-09	04:10	04:45	0.58	2068	2900	TIH	TIH
15-Feb-09	04:45	07:05	2.33	2900	3216	Reaming	Reaming
15-Feb-09	07:05	08:05	1.00	3216	4443	TIH	TIH
15-Feb-09	08:05	08:10	0.08	4443	4491	Reaming	Reaming
15-Feb-09	08:10	08:20	0.17	4491	4491	Survey & Conn.	Check Shot 4440' 2.3inc 187.5azi
15-Feb-09	08:20	08:25	0.08	4491	4522	Reaming	Reaming
15-Feb-09	08:25	08:30	0.08	4522	4522	Survey & Conn.	Check Shot 4471' 2.5inc 183.7azi
15-Feb-09	08:30	08:35	0.08	4522	4554	Reaming	Reaming
15-Feb-09	08:35	08:40	0.08	4554	4554	Survey & Conn.	Check Shot 4503' 2.8inc. 183azi.
15-Feb-09	08:40	08:45	0.08	4554	4585	Reaming	Reaming
15-Feb-09	08:45	08:50	0.08	4585	4585	Survey & Conn.	Check Shot 4534' 3.2inc. 189.3azi.
15-Feb-09	08:50	08:55	0.08	4585	4616	Reaming	Reaming
15-Feb-09	08:55	09:00	0.08	4616	4616	Survey & Conn.	Check Shot 4565' 3.2inc. 190.7azi.
15-Feb-09	09:00	09:05	0.08	4616	4648	Reaming	Reaming

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Feb-09	09:05	09:10	0.08	4648	4648	Survey & Conn.	Check Shot 4597' 3.2inc. 191.4azi.
15-Feb-09	09:10	09:20	0.17	4648	4655	Reaming	Reaming
15-Feb-09	09:20	09:25	0.08	4655	4655	Survey & Conn.	Check Shot 4604' 3.0inc. 187.9azi.
15-Feb-09	09:25	11:15	1.83	4655	4679	Sliding	Sliding - (WOB:43; :640;TFO:12)
15-Feb-09	11:15	11:20	0.08	4679	4679	Survey & Conn.	Check Shot 4628' 3.2inc. 188.9azi.
15-Feb-09	11:20	13:20	2.00	4679	4710	Drilling	Drilling
15-Feb-09	13:20	13:25	0.08	4710	4710	Survey & Conn.	Check Shot 4659' 3.0inc. 189.3azi.
15-Feb-09	13:25	14:55	1.50	4710	4725	Sliding	Sliding - (WOB:40;GPM :640;TFO:7)
15-Feb-09	14:55	16:15	1.33	4725	4741	Drilling	Drilling - (WOB:32;GPM :640;RPM:50)
15-Feb-09	16:15	16:20	0.08	4741	4741	Survey & Conn.	Survey & Conn.
15-Feb-09	16:20	16:35	0.25	4741	4741	Rig Service-Inhole	Rig Service-Inhole
15-Feb-09	16:35	19:30	2.92	4741	4772	Sliding	Sliding- (WOB:40;GPM :640;TFO:7)
15-Feb-09	19:30	19:40	0.17	4772	4772	Survey & Conn.	Check Shot 4721' 2.5inc 188.9azi
15-Feb-09	19:40	23:45	4.08	4772	4834	Drilling	Drilling - (WOB:32;GPM :640;RPM:50)
15-Feb-09	23:45	24:00	0.25	4834	4834	Survey & Conn.	Survey & Conn.



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	18 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Monday, February 16, 2009 at 0000 to Monday, February 16, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4834.00	Rotary Hours	19.67	WOB	36	Pick UP	132	Slack Off	110	SPM	
End Depth	5113.00	Circulating Hours	0.50	RAB	124	SPP	1869	FlowRate	640 - 640	182	
Total Drilled:	279.00	Avg. Total ROP:	14.19	Mud Data							
Total Rotary Drilled:	279.00	Avg. Rotary ROP:	14.19	Type	H2O	PV	10	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	9.2	GAS	0	YP	11	BHT°	0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	45	SAND	0	PH	9.1	Flow T°	78
Below Rotary Hrs.	24.00	Percent Slide:	.00	Chlorides	12000	WL	12	Oil %	0		

PERSONNEL			cASING			BHA	
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	BHA # 7:Smith GF128B, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, 8" Gap Sub, 8" Gap Sub, NMDC, 1jts 8 DC, X-Over, 4jts. 6 1/2 DC, X-Over, 6jts Spiral HWDP, Jars, 18jts. Spiral HWDP, X-Over,	
Second Directional :	Scott Crighton		13 3/8	54.5	1511		
MWD Operator1	Bob Burger		Signature:				
MWD Operator2							
Directional Company:	Multi-Shot						
Geologist:						Daily Cost	\$11,500.00
Company Man:	Bruce Jackson					Cummulative Cost:	\$201,705.00
Incl. In:	1.9	Azm. In:	193.2	Incl. Out:	2.3	Azm. Out:	203

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Feb-09	00:00	01:45	1.75	4834	4865	Drilling	Drilling - (WOB:32;GPM :640;RPM:50)
16-Feb-09	01:45	02:00	0.25	4865	4865	Survey & Conn.	Check Shot @ 4814', 1.8inc 187.2azi
16-Feb-09	02:00	05:35	3.58	4865	4927	Drilling	Drilling
16-Feb-09	05:35	05:50	0.25	4927	4927	Survey & Conn.	Survey & Conn.
16-Feb-09	05:50	07:45	1.92	4927	4954	Drilling	Drilling - (WOB:36;GPM :640;RPM:50)
16-Feb-09	07:45	07:55	0.17	4954	4954	Survey & Conn.	Check Shot / NO SVY, EM Lost Signal
16-Feb-09	07:55	10:05	2.17	4954	4989	Drilling	Drilling - (WOB:36;GPM :640;RPM:50)
16-Feb-09	10:05	10:30	0.42	4989	4989	Drilling	Check Shot / NO SVY, EM Lost Signal
16-Feb-09	10:30	12:10	1.67	4989	5020	Drilling	Drilling
16-Feb-09	12:10	13:25	1.25	5020	5020	Survey & Conn.	NO SVY Surface Noise to High
16-Feb-09	13:25	15:30	2.08	5020	5051	Drilling	Drilling - (WOB:36;GPM :640;RPM:50)
16-Feb-09	15:30	16:15	0.75	5051	5051	Survey & Conn.	NO SVY
16-Feb-09	16:15	16:25	0.17	5051	5051	Rig Service-Inhole	Rig Service-Inhole
16-Feb-09	16:25	22:30	6.08	5051	5113	Drilling	Drilling - (WOB:36;GPM :640;RPM:50)
16-Feb-09	22:30	23:00	0.50	5113	5113	Circulating	Circulate, Pump Pill
16-Feb-09	23:00	23:30	0.50	5113	5113	Survey & Conn.	Survey
16-Feb-09	23:30	24:00	0.50	5113	5113	POOH	POOH, Slow ROP



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	19 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Tuesday, February 17, 2009 at 0000 to Tuesday, February 17, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters								
Start Depth	5113.00	Rotary Hours	9.58	WOB	36	Pick UP	136	Slack Off	126	SPM		
End Depth	5292.00	Circulating Hours	1.33	RAB	133	SPP	1869	FlowRate	640 - 640	182		
Total Drilled:	179.00	Avg. Total ROP:	11.55	<b>Mud Data</b>								
Total Rotary Drilled:	129.00	Avg. Rotary ROP:	13.46	Type	H2O	PV	10	SOLID	0			
Total Drilled Sliding:	50.00	Avg. Slide ROP:	8.45	Weight	9.2	GAS	0	YP	11	BHT°	0	
Slide Hours:	5.92	Percent Rotary:	72.07	Viscosity	45	SAND	0	PH	9.1	Flow T°	78	
Below Rotary Hrs.	23.75	Percent Slide:	27.93	Chlorides	12000	WL	12	Oil %	0			

PERSONNEL				CASING			BHA				
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 8:SMITH / GF20B, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,				
Second Directional :	Scott Crighton			13 3/8	54.5	1511					
MWD Operator1	Bob Burger			Signature:							
MWD Operator2											
Directional Company:	Multi-Shot										
Geologist:											
Company Man:	Bruce Jackson			Daily Cost	\$11,500.00						
Incl. In:	2.3	Azm. In:	203	Incl. Out:	1.4	Azm. Out:	203.4	Cummulative Cost:	\$213,205.00		

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Feb-09	00:00	01:40	1.67	5113	0	POOH	Pooh for Bit and MWD.
17-Feb-09	01:40	03:30	1.83	0	0	Change BHA	Change Out Bit, Lay Down EM tool, Pick up MWD tool
17-Feb-09	03:30	04:20	0.83	0	1992	TIH	TIH
17-Feb-09	04:20	04:50	0.50	1992	1992	Survey & Conn.	Test MWD.
17-Feb-09	04:50	06:25	1.58	1992	4920	TIH	TIH
17-Feb-09	06:25	07:45	1.33	4920	5113	Reaming	Reaming
17-Feb-09	07:45	09:55	2.17	5113	5137	Drilling	Drilling
17-Feb-09	09:55	10:05	0.17	5137	5137	Survey & Conn.	Check Shot @ 5086' 2.5inc, 206.4azi
17-Feb-09	10:05	13:00	2.92	5137	5157	Sliding	Sliding
17-Feb-09	13:00	16:00	3.00	5157	5199	Drilling	Drilling - (WOB:36;GPM :640;RPM:50)
17-Feb-09	16:00	16:05	0.08	5199	5199	Survey & Conn.	Survey & Conn.
17-Feb-09	16:05	16:20	0.25	5199	5199	Standby	Standby, Rig Service.
17-Feb-09	16:20	19:20	3.00	5199	5229	Sliding	Sliding - (WOB:40;GPM :640;TFO:10)
17-Feb-09	19:20	23:45	4.42	5229	5292	Drilling	Drilling - (WOB:36;GPM :640;RPM:50)
17-Feb-09	23:45	24:00	0.25	5292	5292	Survey & Conn.	Survey & Conn.

**MULTI-SHOT**

<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	20 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Wednesday, February 18, 2009 at 0000 to Wednesday, February 18, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	5292.00	Rotary Hours	19.25	WOB	33	Pick UP	136	Slack Off	126	SPM
End Depth	5566.00	Circulating Hours	0.00	RAB	133	SPP	1869	FlowRate	640 - 640	182
Total Drilled:	274.00	Avg. Total ROP:	11.83	Mud Data						
Total Rotary Drilled:	244.00	Avg. Rotary ROP:	12.68	Type	H2O	PV	9	SOLID	6	
Total Drilled Sliding:	30.00	Avg. Slide ROP:	7.66	Weight	9.2	GAS	0	YP	9	BHT°
Slide Hours:	3.92	Percent Rotary:	89.05	Viscosity	42	SAND	0	PH	9.3	Flow T°
Below Rotary Hrs.	23.67	Percent Slide:	10.95	Chlorides	11000	WL	14	Oil %	0	

PERSONNEL				cASING			BHA	
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 8:SMITH / GF20B, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,	
Second Directional :	Scott Crighton			13 3/8	54.5	1511		
MWD Operator1	Bob Burger			Signature:				
MWD Operator2	Mike							
Directional Company:	Multi-Shot							
Geologist:							Daily Cost	\$11,500.00
Company Man:	Bruce Jackson						Cummulative Cost:	\$224,705.00
Incl. In:	1.4	Azm. In:	203.4	Incl. Out:	2.1	Azm. Out:	199	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Feb-09	00:00	07:05	7.08	5292	5385	Drilling	Drilling - (WOB:36;GPM :640;RPM:50)
18-Feb-09	07:05	07:10	0.08	5385	5385	Survey & Conn.	Survey & Conn.
18-Feb-09	07:10	12:05	4.92	5385	5447	Drilling	Drilling
18-Feb-09	12:05	12:10	0.08	5447	5447	Survey & Conn.	Check Shot 5391' 1.9inc. 196.9azi.
18-Feb-09	12:10	14:20	2.17	5447	5478	Drilling	Drilling - (WOB:33;GPM :640;RPM:50)
18-Feb-09	14:20	14:30	0.17	5478	5478	Survey & Conn.	Survey & Conn.
18-Feb-09	14:30	17:05	2.58	5478	5509	Drilling	Drilling - (WOB:33;GPM :640;RPM:50)
18-Feb-09	17:05	17:15	0.17	5509	5509	Survey & Conn.	Check Shot 5453' 2.5inc 190.4azi
18-Feb-09	17:15	17:35	0.33	5509	5509	Standby	Standby, Rig Service.
18-Feb-09	17:35	21:30	3.92	5509	5539	Sliding	Sliding - (WOB:40;GPM :640;TFO:10)
18-Feb-09	21:30	24:00	2.50	5539	5566	Drilling	Drilling - (WOB:33;GPM :640;RPM:50)



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	21 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Thursday, February 19, 2009 at 0000 to Thursday, February 19, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters									
Start Depth	5566.00	Rotary Hours	18.75	WOB	38	Pick UP	143	Slack Off	135	SPM			
End Depth	5788.00	Circulating Hours	0.00	RAB	138	SPP	2050	FlowRate	640 - 640	182			
Total Drilled:	222.00	Avg. Total ROP:	9.94	<b>Mud Data</b>									
Total Rotary Drilled:	191.00	Avg. Rotary ROP:	10.19	Type	H2O	PV	9	SOLID	6				
Total Drilled Sliding:	31.00	Avg. Slide ROP:	8.65	Weight	9.2	GAS	0	YP	9	BHT°	0		
Slide Hours:	3.58	Percent Rotary:	86.04	Viscosity	42	SAND	0	PH	9.3	Flow T°	79		
Below Rotary Hrs.	24.00	Percent Slide:	13.96	Chlorides	11000	WL	14	Oil %	0				

PERSONNEL				CASING			BHA	
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 8:SMITH / GF20B, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,	
Second Directional :	Scott Crighton			13 3/8	54.5	1511		
MWD Operator1	Bob Burger			Signature:				
MWD Operator2	Mike			Daily Cost				\$11,500.00
Directional Company:	Multi-Shot			Incl. In:				2.1
Geologist:				Azm. In:				199
Company Man:	Bruce Jackson			Incl. Out:			2	
				Azm. Out:			199.9	
				Cumulative Cost:			\$236,205.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Feb-09	00:00	00:30	0.50	5566	5570	Drilling	Drilling - (WOB:33;GPM :640;RPM:50)
19-Feb-09	00:30	00:40	0.17	5570	5570	Survey & Conn.	Survey & Conn.
19-Feb-09	00:40	03:30	2.83	5570	5601	Drilling	Drilling - (WOB:35;GPM :640;RPM:40)
19-Feb-09	03:30	03:40	0.17	5601	5601	Survey & Conn.	Check Shot 5545' 1.8inc 195.5azi
19-Feb-09	03:40	05:50	2.17	5601	5628	Drilling	Drilling - (WOB:35;GPM :640;RPM:40)
19-Feb-09	05:50	06:50	1.00	5628	5628	Rig Service-Inhole	Rig Service
19-Feb-09	06:50	11:00	4.17	5628	5663	Drilling	Drilling - (WOB:38;GPM :640;RPM:40)
19-Feb-09	11:00	11:10	0.17	5663	5663	Survey & Conn.	Survey & Conn.
19-Feb-09	11:10	14:45	3.58	5663	5694	Sliding	Sliding - (WOB:43;GPM :640;TFO:10)
19-Feb-09	14:45	21:20	6.58	5694	5757	Drilling	Drilling - (WOB:38;GPM :640;RPM:40)
19-Feb-09	21:20	21:30	0.17	5757	5757	Survey & Conn.	Survey & Conn.
19-Feb-09	21:30	24:00	2.50	5757	5788	Drilling	Drilling - (WOB:38;GPM :640;RPM:40)



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	<b>22 of 43</b>
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Friday, February 20, 2009 at 0000 to Friday, February 20, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5788.00	Rotary Hours	10.33	WOB	36	Pick UP	150	Slack Off	130	SPM	
End Depth	5951.00	Circulating Hours	1.67	RAB	140	SPP	1995	FlowRate	629 - 640	182	
Total Drilled:	163.00	Avg. Total ROP:	10.08	<b>Mud Data</b>							
Total Rotary Drilled:	106.00	Avg. Rotary ROP:	10.26	Type	H2O	PV	9	SOLID	4		
Total Drilled Sliding:	57.00	Avg. Slide ROP:	9.77	Weight	9.3	GAS	0	YP	13	BHT°	116
Slide Hours:	5.83	Percent Rotary:	65.03	Viscosity	39	SAND	0	PH	9.3	Flow T°	98
Below Rotary Hrs.	24.00	Percent Slide:	34.97	Chlorides	16000	WL	14	Oil %	0		

PERSONNEL				CASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 9:Reed R30AP, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			Signature:					
MWD Operator2	Mike								
Directional Company:	Multi-Shot								
Geologist:									
Company Man:	Bruce Jackson			Daily Cost	\$11,500.00				
Incl. In:	2.1	Azm. In:	199.9	Incl. Out:	1.9	Azm. Out:	196.3	Cummulative Cost:	\$247,705.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Feb-09	00:00	00:10	0.17	5788	5788	Survey & Conn.	Check Shot, 5732' 2.2inc 193.6azi
20-Feb-09	00:10	02:00	1.83	5788	5814	Sliding	Sliding - (WOB:43;GPM :640;TFO:15)
20-Feb-09	02:00	05:25	3.42	5814	5850	Drilling	Drilling
20-Feb-09	05:25	05:35	0.17	5850	5850	Survey & Conn.	Survey & Conn.
20-Feb-09	05:35	08:05	2.50	5850	5881	Drilling	Drilling
20-Feb-09	08:05	08:15	0.17	5881	5881	Survey & Conn.	Check Shot 5825' 1.9inc. 193.4azi.
20-Feb-09	08:15	11:20	3.08	5881	5912	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
20-Feb-09	11:20	11:30	0.17	5912	5912	Survey & Conn.	Check Shot 5856' 2.4inc. 199.4azi.
20-Feb-09	11:30	13:55	2.42	5912	5930	Sliding	Sliding - (WOB:43;GPM :640;TFO:15)
20-Feb-09	13:55	14:05	0.17	5930	5930	Rig repair	Work on Pump
20-Feb-09	14:05	15:40	1.58	5930	5943	Sliding	Sliding - (WOB:43;GPM :629;TFO:20)
20-Feb-09	15:40	15:50	0.17	5943	5943	Survey & Conn.	Survey & Conn.
20-Feb-09	15:50	16:10	0.33	5943	5943	Rig Service-Inhole	Rig Service-Inhole
20-Feb-09	16:10	17:30	1.33	5943	5951	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
20-Feb-09	17:30	17:40	0.17	5951	5951	Circulating	Circulating / Pump Pill
20-Feb-09	17:40	20:15	2.58	5951	0	POOH	POOH, bit trip
20-Feb-09	20:15	20:30	0.25	0	0	Change BHA	Change BHA

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Feb-09	20:30	22:15	1.75	0	2950	TIH	TIH
20-Feb-09	22:15	23:45	1.50	2950	3100	Reaming	Ream Tight Hole
20-Feb-09	23:45	24:00	0.25	3100	3900	TIH	TIH



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	<b>23 of 43</b>
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Saturday, February 21, 2009 at 0000 to Saturday, February 21, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters									
Start Depth	5951.00	Rotary Hours	21.58	WOB	36	Pick UP	151	Slack Off	135	SPM			
End Depth	6191.00	Circulating Hours	0.75	RAB	146	SPP	1995	FlowRate	640 - 640	182			
Total Drilled:	240.00	Avg. Total ROP:	11.12	<b>Mud Data</b>									
Total Rotary Drilled:	240.00	Avg. Rotary ROP:	11.12	Type	H2O	PV	9	SOLID	4				
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	9.3	GAS	0	YP	13	BHT°	116		
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	39	SAND	0	PH	9.3	Flow T°	98		
Below Rotary Hrs.	24.00	Percent Slide:	.00	Chlorides	16000	WL	14	Oil %	0				

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 9:Reed R30AP, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			Signature:					
MWD Operator2	Mike			Daily Cost					\$11,500.00
Directional Company:	Multi-Shot			Cummulative Cost:					\$259,205.00
Geologist:									
Company Man:	Bruce Jackson								
Incl. In:	1.9	Azm. In:	196.3	Incl. Out:	0.7	Azm. Out:	188.9		

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Feb-09	00:00	00:45	0.75	3900	5863	TIH	TIH
21-Feb-09	00:45	01:30	0.75	5863	5951	Reaming	Ream to Bottom
21-Feb-09	01:30	05:35	4.08	5951	6004	Drilling	Drilling
21-Feb-09	05:35	05:50	0.25	6004	6004	Survey & Conn.	Check Shot 5948' .9inc. 186.4azi.
21-Feb-09	05:50	08:25	2.58	6004	6035	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
21-Feb-09	08:25	08:35	0.17	6035	6035	Survey & Conn.	Survey & Conn.
21-Feb-09	08:35	16:10	7.58	6035	6128	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
21-Feb-09	16:10	16:30	0.33	6128	6128	Rig Service-Inhole	Rig Service-Inhole
21-Feb-09	16:30	16:40	0.17	6128	6128	Survey & Conn.	Survey & Conn.
21-Feb-09	16:40	24:00	7.33	6128	6191	Drilling	1Drilling - (WOB:36;GPM :640;RPM:40)



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	24 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Sunday, February 22, 2009 at 0000 to Sunday, February 22, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	6191.00	Rotary Hours	21.17	WOB	36	Pick UP	157	Slack Off	148	SPM	
End Depth	6595.00	Circulating Hours	0.00	RAB	152	SPP	1995	FlowRate	629 - 640	182	
Total Drilled:	404.00	Avg. Total ROP:	18.16	Mud Data							
Total Rotary Drilled:	382.00	Avg. Rotary ROP:	18.05	Type	H2O	PV	9	SOLID	6		
Total Drilled Sliding:	22.00	Avg. Slide ROP:	20.31	Weight	9.3	GAS	0	YP	13	BHT°	116
Slide Hours:	1.08	Percent Rotary:	94.55	Viscosity	39	SAND	0	PH	9.3	Flow T°	98
Below Rotary Hrs.	24.00	Percent Slide:	5.45	Chlorides	9000	WL	18	Oil %	0		

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 9:Reed R30AP, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			Signature:						
MWD Operator2	Mike									
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Bruce Jackson			Daily Cost	\$11,500.00					
Incl. In:	0.7	Azm. In:	188.9	Incl. Out:	1.2	Azm. Out:	215	Cummulative Cost:	\$270,705.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Feb-09	00:00	02:05	2.08	6191	6222	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
22-Feb-09	02:05	02:15	0.17	6222	6222	Survey & Conn.	Survey & Conn.
22-Feb-09	02:15	02:25	0.17	6222	6222	Rig repair	Adjust Brakes
22-Feb-09	02:25	10:05	7.67	6222	6315	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
22-Feb-09	10:05	10:15	0.17	6315	6315	Survey & Conn.	Survey & Conn.
22-Feb-09	10:15	12:00	1.75	6315	6377	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
22-Feb-09	12:00	12:10	0.17	6377	6377	Survey & Conn.	Check Shot 6321' 1.5inc. 204.9azi.
22-Feb-09	12:10	13:00	0.83	6377	6408	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
22-Feb-09	13:00	13:10	0.17	6408	6408	Survey & Conn.	Survey & Conn.
22-Feb-09	13:10	14:45	1.58	6408	6439	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
22-Feb-09	14:45	15:10	0.42	6439	6439	Rig Service-Inhole	Rig Service-Inhole
22-Feb-09	15:10	17:30	2.33	6439	6470	Drilling	Drilling - (WOB:36;GPM :640;RPM:40)
22-Feb-09	17:30	17:40	0.17	6470	6470	Survey & Conn.	Check Shot 6414' 1.4inc. 201.0azi.
22-Feb-09	17:40	20:20	2.67	6470	6501	Drilling	Drilling
22-Feb-09	20:20	20:30	0.17	6501	6501	Survey & Conn.	Survey & Conn.
22-Feb-09	20:30	22:30	2.00	6501	6563	Drilling	Drilling
22-Feb-09	22:30	22:40	0.17	6563	6563	Survey & Conn.	Check shot 6507' 1.7inc 228azi

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Feb-09	22:40	23:45	1.08	6563	6585	Sliding	Sliding - (WOB:43;GPM :629;TFO:20)
22-Feb-09	23:45	24:00	0.25	6585	6595	Drilling	Drilling - (WOB:36;GPM :640;RPM:0)



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	25 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Monday, February 23, 2009 at 0000 to Monday, February 23, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	6595.00	Rotary Hours	4.92	WOB	30	Pick UP	157	Slack Off	148	SPM	
End Depth	7004.00	Circulating Hours	0.00	RAB	152	SPP	1995	FlowRate	629 - 640	182	
Total Drilled:	409.00	Avg. Total ROP:	19.25	<b>Mud Data</b>							
Total Rotary Drilled:	128.00	Avg. Rotary ROP:	26.03	Type	H2O	PV	9	SOLID	6		
Total Drilled Sliding:	281.00	Avg. Slide ROP:	17.20	Weight	9.3	GAS	0	YP	13	BHT°	116
Slide Hours:	16.33	Percent Rotary:	31.30	Viscosity	39	SAND	0	PH	9.3	Flow T°	98
Below Rotary Hrs.	24.00	Percent Slide:	68.70	Chlorides	9000	WL	18	Oil %	0		

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 9:Reed R30AP, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			Signature:						
MWD Operator2	Mike									
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Bruce Jackson			Daily Cost	\$11,500.00					
Incl. In:	1.2	Azm. In:	215	Incl. Out:	2.9	Azm. Out:	305.8	Cummulative Cost:	\$282,205.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Feb-09	00:00	00:10	0.17	6595	6595	Survey & Conn.	Survey & Conn.
23-Feb-09	00:10	01:50	1.67	6595	6657	Drilling	Drilling - (WOB:36;GPM :640;RPM:0)
23-Feb-09	01:50	02:00	0.17	6657	6657	Survey & Conn.	Check Shot 6601' 2.6inc 248.8azi
23-Feb-09	02:00	03:30	1.50	6657	6688	Sliding	Sliding - (WOB:43;GPM :629;TFO:20)
23-Feb-09	03:30	03:45	0.25	6688	6688	Survey & Conn.	Survey & Conn.
23-Feb-09	03:45	04:40	0.92	6688	6700	Sliding	Sliding - (WOB:43;GPM :629;TFO:60)
23-Feb-09	04:40	05:50	1.17	6700	6735	Drilling	Drilling - (WOB:36;GPM :640;RPM:0)
23-Feb-09	05:50	06:10	0.33	6735	6735	Survey & Conn.	Check Shot 6679' 3.5inc 257.8azi
23-Feb-09	06:10	07:00	0.83	6735	6750	Sliding	Sliding - (WOB:43;GPM :629;TFO:70)
23-Feb-09	07:00	07:10	0.17	6750	6750	Survey & Conn.	Check Shot 6694' 3.4inc. 262azi.
23-Feb-09	07:10	08:50	1.67	6750	6781	Sliding	Sliding - (WOB:43;GPM :629;TFO:78)
23-Feb-09	08:50	09:00	0.17	6781	6781	Survey & Conn.	Survey & Conn.
23-Feb-09	09:00	10:40	1.67	6781	6812	Sliding	Sliding - (WOB:30;GPM :629;TFO:97)
23-Feb-09	10:40	10:50	0.17	6812	6812	Survey & Conn.	Check Shot 6756' 3.7inc. 272.4azi.
23-Feb-09	10:50	12:35	1.75	6812	6843	Sliding	Sliding - (WOB:30;GPM :629;TFO:97)
23-Feb-09	12:35	12:45	0.17	6843	6843	Survey & Conn.	Check Shot 6787' 3.8inc. 272.9azi.
23-Feb-09	12:45	14:15	1.50	6843	6874	Sliding	Sliding - (WOB:30;GPM :629;TFO:102)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Feb-09	14:15	14:25	0.17	6874	6874	Survey & Conn.	Survey & Conn.
23-Feb-09	14:25	16:15	1.83	6874	6905	Sliding	Sliding - (WOB:30;GPM :629;TFO:102)
23-Feb-09	16:15	16:25	0.17	6905	6905	Survey & Conn.	Check Shot 6849' 3.4inc. 289.3azi.
23-Feb-09	16:25	16:40	0.25	6905	6905	Rig Service-Inhole	Rig Service-Inhole
23-Feb-09	16:40	19:05	2.42	6905	6936	Sliding	Sliding - (WOB:30;GPM :629;TFO:124)
23-Feb-09	19:05	19:15	0.17	6936	6936	Survey & Conn.	Check Shot 6880' 3.3inc. 300.0azi.
23-Feb-09	19:15	21:05	1.83	6936	6967	Sliding	Sliding - (WOB:30;GPM :629;TFO:124)
23-Feb-09	21:05	21:15	0.17	6967	6967	Survey & Conn.	Survey & Conn.
23-Feb-09	21:15	23:20	2.08	6967	6998	Drilling	Drilling - (WOB:36;GPM :640;RPM:0)
23-Feb-09	23:20	23:35	0.25	6998	6998	Survey & Conn.	Chech Shot 6942' 3.0inc 307.9azi
23-Feb-09	23:35	24:00	0.42	6998	7004	Sliding	Sliding - (WOB:30;GPM :629;TFO:124)



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	26 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Tuesday, February 24, 2009 at 0000 to Tuesday, February 24, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7004.00	Rotary Hours	6.33	WOB	36	Pick UP	157	Slack Off	148	SPM	
End Depth	7114.00	Circulating Hours	3.67	RAB	152	SPP	2120	FlowRate	629 - 629	182	
Total Drilled:	110.00	Avg. Total ROP:	10.31	<b>Mud Data</b>							
Total Rotary Drilled:	54.00	Avg. Rotary ROP:	8.53	Type	H2O	PV	9	SOLID	10		
Total Drilled Sliding:	56.00	Avg. Slide ROP:	12.92	Weight	10.5	GAS	0	YP	13	BHT°	140
Slide Hours:	4.33	Percent Rotary:	49.09	Viscosity	40	SAND	0	PH	9.1	Flow T°	105
Below Rotary Hrs.	24.00	Percent Slide:	50.91	Chlorides	86	WL	18	Oil %	0		

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 9:Reed R30AP, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,		
Second Directional :	Scott Crighton			13 3/8	54.5	1511			
MWD Operator1	Bob Burger			9 5/8	53.5	7090			
MWD Operator2	Mike								
Directional Company:	Multi-Shot			Signature:					
Geologist:									
Company Man:	Bruce Jackson			Daily Cost			\$11,500.00		
Incl. In:	2.9	Azm. In:	305.8	Incl. Out:	2.5	Azm. Out:	306.7	Cummulative Cost:	\$293,705.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Feb-09	00:00	02:00	2.00	7004	7029	Sliding	Sliding - (WOB:6967;GPM :629;TFO:124)
24-Feb-09	02:00	02:10	0.17	7029	7029	Survey & Conn.	Check Shot 6973' 3.2inc 307.7azi
24-Feb-09	02:10	04:30	2.33	7029	7060	Sliding	Sliding - (WOB:30;GPM :629;TFO:124)
24-Feb-09	04:30	04:40	0.17	7060	7060	Survey & Conn.	Survey & Conn.
24-Feb-09	04:40	09:05	4.42	7060	7091	Drilling	Drilling
24-Feb-09	09:05	09:15	0.17	7091	7091	Survey & Conn.	Check Shot 7035' 2.3inc. 315.7azi.
24-Feb-09	09:15	11:10	1.92	7091	7114	Drilling	Drilling to Casing Point
24-Feb-09	11:10	12:20	1.17	7114	7114	Circulating	Circulating / Pump Sweep
24-Feb-09	12:20	12:25	0.08	7114	7114	Survey & Conn.	Survey & Conn.
24-Feb-09	12:25	12:40	0.25	7114	7114	Circulating	Circulating Pump Pill
24-Feb-09	12:40	16:30	3.83	7114	7114	Short Trip	Short Trip to 2800' Ream tight spot @ 3640
24-Feb-09	16:30	18:45	2.25	7114	7114	Circulating	Circulating
24-Feb-09	18:45	23:00	4.25	7114	62	POOH	POOH
24-Feb-09	23:00	24:00	1.00	62	0	POOH	Lay Down Directional Tools



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	27 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Wednesday, February 25, 2009 at 0000 to Wednesday, February 25, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 629	0
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	0	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°
Below Rotary Hrs.	0.02	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL		cASING			BHA			
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	BHA # 9:Reed R30AP, 6/7mil. 5.0stg. 9 5/8 PDM, Float Sub, 8" UBHO, NMDC, DC, X-Over, 4 Joints DC, X-Over, 6 Joints Spiral HWDP, Drilling Jars, 18 Joints Spiral HWDP, X-Over,			
Second Directional :	Scott Crighton	13 3/8	54.5	1511				
MWD Operator1	Bob Burger	9 5/8	53.5	7090				
MWD Operator2	Mike	Signature:			Daily Cost			
Directional Company:	Multi-Shot						\$7,200.00	
Geologist:								
Company Man:	Bruce Jackson	Incl. In: 2.5		Azm. In: 306.7	Incl. Out: 2.5	Azm. Out: 306.7	Cummulative Cost:	\$300,905.00

**GENERAL COMMENT**

Standby / Casing Break

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Feb-09	00:00	00:01	0.02	0	0	POOH	Standby
25-Feb-09	00:01	24:00	23.98	0	0	Standby	Standby

**MULTI-SHOT**

<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	28 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Thursday, February 26, 2009 at 0000 to Thursday, February 26, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0	0
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	0	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL			cASING			BHA			
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	N/A			
Second Directional :	Scott Crighton		13 3/8	54.5	1511				
			9 5/8	53.5	7090				
MWD Operator1	Bob Burger		Signature:						
MWD Operator2	Mike								
Directional Company:	Multi-Shot								
Geologist:									
Company Man:	Bruce Jackson		Daily Cost	\$7,200.00					
Incl. In:	2.5	Azm. In:	306.7	Incl. Out:	2.5	Azm. Out:	306.7	Cummulative Cost:	\$308,105.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Feb-09	00:00	24:00	24.00	0	0	Standby	Standby



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	29 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECT/RANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Friday, February 27, 2009 at 0000 to Friday, February 27, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0	0
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	0	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL			cASING			BHA			
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	N/A			
Second Directional :	Scott Crighton		13 3/8	54.5	1511				
			9 5/8	53.5	7090				
MWD Operator1	Bob Burger		Signature:						
MWD Operator2	Mike								
Directional Company:	Multi-Shot								
Geologist:									
Company Man:	Bruce Jackson		Daily Cost	\$7,200.00					
Incl. In:	2.5	Azm. In:	306.7	Incl. Out:	2.5	Azm. Out:	306.7	Cummulative Cost:	\$315,305.00

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Feb-09	00:00	24:00	24.00	0	0	Standby	Standby



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	30 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECT/RANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Saturday, February 28, 2009 at 0000 to Saturday, February 28, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0	0
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	0	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL		cASING			BHA				
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	N/A				
Second Directional :	Scott Crighton	13 3/8	54.5	1511					
MWD Operator1	Bob Burger	9 5/8	53.5	7090					
MWD Operator2	Mike	Signature:							
Directional Company:	Multi-Shot								
Geologist:									
Company Man:	Bruce Jackson	Daily Cost	\$7,200.00						
Incl. In:	2.5	Azm. In:	306.7	Incl. Out:	2.5	Azm. Out:	306.7	Cummulative Cost:	\$322,505.00

**GENERAL COMMENT**

Travel to Location, Casing Problems Travel back.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Feb-09	00:00	24:00	24.00	0	0	Standby	Standby



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	31 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECT/RANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Sunday, March 01, 2009 at 0000 to Sunday, March 01, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0-0	0
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	0	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	N/A			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			9 5/8	53.5	7090				
MWD Operator2	Mike			Signature:						
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Bruce Jackson			Daily Cost	\$7,200.00					
Incl. In:	2.5	Azm. In:	306.7	Incl. Out:	2.5	Azm. Out:	306.7	Cummulative Cost:	\$329,705.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Mar-09	00:00	24:00	24.00	0	0	Standby	Standby



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	32 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Monday, March 02, 2009 at 0000 to Monday, March 02, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>						
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	0	PV	0	SOLID	0	
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0	

PERSONNEL		cASING			BHA				
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	N/A				
Second Directional :	Scott Crighton	13 3/8	54.5	1511					
		9 5/8	53.5	7090					
MWD Operator1	Bob Burger	Signature:				Daily Cost			
MWD Operator2	Mike								
Directional Company:	Multi-Shot								
Geologist:									
Company Man:	Bruce Jackson					Daily Cost			
						\$7,200.00			
Incl. In:	2.5	Azm. In:	306.7	Incl. Out:	2.5	Azm. Out:	306.7	Cummulative Cost:	\$336,905.00

**GENERAL COMMENT**

Travel to Location Strap Tools / Stry

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Mar-09	00:00	24:00	24.00	0	0	Standby	Casing Operations



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	<b>33 of 43</b>
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Tuesday, March 03, 2009 at 0000 to Tuesday, March 03, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7114.00	Rotary Hours	1.00	WOB	15	Pick UP	157	Slack Off	148	SPM	
End Depth	7119.00	Circulating Hours	4.75	RAB	152	SPP	3350	FlowRate	412 - 629	120	
Total Drilled:	5.00	Avg. Total ROP:	5.00	Mud Data							
Total Rotary Drilled:	5.00	Avg. Rotary ROP:	5.00	Type	H2O	PV	9	SOLID	10		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	13.7	GAS	0	YP	13	BHT°	140
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	43	SAND	0	PH	9.1	Flow T°	105
Below Rotary Hrs.	22.50	Percent Slide:	.00	Chlorides	86	WL	18	Oil %	0		

PERSONNEL				cASING			BHA		
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	BHA # 10:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM, Float Sub, 6 1/4 UBHO, NMDC, 9 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,				
Second Directional :	Scott Crighton	13 3/8	54.5	1511					
MWD Operator1	Bob Burger	9 5/8	53.5	7090					
MWD Operator2	Mike	Signature:							
Directional Company:	Multi-Shot	Daily Cost			\$12,660.00				
Geologist:		Cumulative Cost:			\$349,565.00				
Company Man:	Bruce Jackson	Incl. In:	2.5	Azm. In:	306.7	Incl. Out:	2.5	Azm. Out:	306.7

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Mar-09	00:00	01:30	1.50	0	0	Standby	POOH for Logs
3-Mar-09	01:30	08:00	6.50	0	0	Logging	Run Bond Logs
3-Mar-09	08:00	08:30	0.50	0	63	Change BHA	Pick up Directional Tools
3-Mar-09	08:30	08:55	0.42	63	63	Circulating	Circulating / Test MWD
3-Mar-09	08:55	11:45	2.83	63	7114	TIH	TIH
3-Mar-09	11:45	15:05	3.33	7114	7114	Change Mud	Change Mud
3-Mar-09	15:05	16:05	1.00	7114	7119	Drilling	Drilling - (WOB:36;GPM :629;RPM:45)
3-Mar-09	16:05	17:05	1.00	7119	7119	Circulating	Circulating / Pump Pill
3-Mar-09	17:05	20:30	3.42	7119	0	POOH	POOH For PSI Problem
3-Mar-09	20:30	22:30	2.00	0	0	Other	Other, Check tools for restrictions
3-Mar-09	22:30	24:00	1.50	0	0	Change BHA	Change BHA, Change out Motor and psi test



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	34 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Wednesday, March 04, 2009 at 0000 to Wednesday, March 04, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7119.00	Rotary Hours	6.67	WOB	15	Pick UP	157	Slack Off	148	SPM	
End Depth	7241.00	Circulating Hours	2.00	RAB	152	SPP	2938	FlowRate	380 - 629	138	
Total Drilled:	122.00	Avg. Total ROP:	15.57	<b>Mud Data</b>							
Total Rotary Drilled:	91.00	Avg. Rotary ROP:	13.65	Type	Invert	PV	9	SOLID	10		
Total Drilled Sliding:	31.00	Avg. Slide ROP:	26.57	Weight	13.7	GAS	0	YP	13	BHT°	131
Slide Hours:	1.17	Percent Rotary:	74.59	Viscosity	43	SAND	0	PH	9.1	Flow T°	70
Below Rotary Hrs.	24.00	Percent Slide:	25.41	Chlorides	86	WL	18	Oil %	79		

PERSONNEL		cASING			BHA		
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	BHA # 12:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM , Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,		
Second Directional :	Scott Crighton	13 3/8	54.5	1511			
MWD Operator1	Bob Burger	9 5/8	53.5	7090			
MWD Operator2	Mike	Signature:					
Directional Company:	Multi-Shot				Daily Cost	\$16,535.00	
Geologist:					Cummulative Cost:	\$366,100.00	
Company Man:	Jerry Duley						
Incl. In:	2.5	Azm. In:	306.7	Incl. Out:	2	Azm. Out:	324.9

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Mar-09	00:00	01:30	1.50	0	0	Other	Other, Cicutate through Kelly to clean out Junk
4-Mar-09	01:30	05:15	3.75	0	7119	TIH	TIH
4-Mar-09	05:15	06:00	0.75	7119	7119	Circulating	Circulating, Fill Pipe monitor PSI.
4-Mar-09	06:00	09:40	3.67	7119	7148	Drilling	Drilling - (WOB:15;GPM :412;RPM:55)
4-Mar-09	09:40	09:50	0.17	7148	7148	Survey & Conn.	Survey & Conn.
4-Mar-09	09:50	11:00	1.17	7148	7179	Sliding	Sliding - (WOB:30;GPM :629;TFO:124)
4-Mar-09	11:00	12:50	1.83	7179	7210	Drilling	Drilling
4-Mar-09	12:50	13:00	0.17	7210	7210	Survey & Conn.	Check Shot
4-Mar-09	13:00	14:10	1.17	7210	7241	Drilling	Drilling - (WOB:15;GPM :629;RPM:55)
4-Mar-09	14:10	14:20	0.17	7241	7241	Circulating	Circulating
4-Mar-09	14:20	14:30	0.17	7241	7241	Survey & Conn.	Survey & Conn.
4-Mar-09	14:30	15:05	0.58	7241	7241	Circulating	Circulating / Pump Pill
4-Mar-09	15:05	19:50	4.75	7241	0	POOH	POOH, For High PSI
4-Mar-09	19:50	20:30	0.67	0	0	Other	Other, PSI test tools in hole
4-Mar-09	20:30	22:00	1.50	0	0	Change BHA	Change BHA
4-Mar-09	22:00	22:30	0.50	0	0	Circulating	Other, PSI test new tools, 293 gals, 340 psi.
4-Mar-09	22:30	24:00	1.50	0	1500	TIH	TIH, Rabbit Stands out of derick



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	<b>35 of 43</b>
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Thursday, March 05, 2009 at 0000 to Thursday, March 05, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7241.00	Rotary Hours	16.17	WOB	14	Pick UP	165	Slack Off	145	SPM	
End Depth	7643.00	Circulating Hours	0.33	RAB	152	SPP	2639	FlowRate	380 - 629	139	
Total Drilled:	402.00	Avg. Total ROP:	22.23	<b>Mud Data</b>							
Total Rotary Drilled:	371.00	Avg. Rotary ROP:	22.95	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	31.00	Avg. Slide ROP:	16.17	Weight	13.7	GAS	0	YP	5	BHT°	131
Slide Hours:	1.92	Percent Rotary:	92.29	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	7.71	Chlorides	0	WL	0	Oil %	80		

PERSONNEL		cASING			BHA									
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	BHA # 12:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM , Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,									
Second Directional :	Scott Crighton	13 3/8	54.5	1511										
MWD Operator1	Bob Burger	9 5/8	53.5	7090										
MWD Operator2	Mike	Signature:			Daily Cost	\$16,535.00								
Directional Company:	Multi-Shot				Incl. In:	2	Azm. In:	324.9	Incl. Out:	2.6	Azm. Out:	338.6	Cummulative Cost:	\$382,635.00
Geologist:														
Company Man:	Jerry Duley													

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Mar-09	00:00	02:30	2.50	1500	7150	TIH	TIH
5-Mar-09	02:30	03:00	0.50	7150	7150	Other	Other, Fill Pipe off bottom Psi 2750
5-Mar-09	03:00	03:20	0.33	7150	7241	Reaming	Other, Wash to bottom
5-Mar-09	03:20	05:50	2.50	7241	7273	Drilling	Drilling, WOB: 11, 410 GPM
5-Mar-09	05:50	06:00	0.17	7273	7273	Survey & Conn.	Check Shot @ 7230, 1.7inc, 319.6azi
5-Mar-09	06:00	07:20	1.33	7273	7335	Drilling	Drilling
5-Mar-09	07:20	08:00	0.67	7335	7335	Rig repair	Rig repair
5-Mar-09	08:00	08:10	0.17	7335	7335	Survey & Conn.	Survey & Conn.
5-Mar-09	08:10	09:10	1.00	7335	7366	Drilling	Drilling
5-Mar-09	09:10	09:15	0.08	7366	7366	Survey & Conn.	Check Shot 7323' 1.9inc. 322.4azi.
5-Mar-09	09:15	12:50	3.58	7366	7428	Drilling	Drilling - (WOB:16;GPM :410;RPM:40)
5-Mar-09	12:50	12:55	0.08	7428	7428	Survey & Conn.	Survey & Conn.
5-Mar-09	12:55	13:30	0.58	7428	7459	Drilling	Drilling - (WOB:16;GPM :410;RPM:40)
5-Mar-09	13:30	13:35	0.08	7459	7459	Survey & Conn.	Check Shot 7416' 2.1inc. 331.2azi.
5-Mar-09	13:35	14:20	0.75	7459	7459	Rig Service-Inhole	Rig Service-Inhole
5-Mar-09	14:20	16:50	2.50	7459	7520	Drilling	Drilling - (WOB:16;GPM :410;RPM:40)
5-Mar-09	16:50	16:55	0.08	7520	7520	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Mar-09	16:55	18:50	1.92	7520	7551	Drilling	Drilling - (WOB:16;GPM :380;RPM:50)
5-Mar-09	18:50	19:00	0.17	7551	7551	Survey & Conn.	Check Shot @ 7508' 2.4inc 335.8azi
5-Mar-09	19:00	20:45	1.75	7551	7581	Drilling	Drilling - (WOB:7551;GPM :380;RPM:50)
5-Mar-09	20:45	20:55	0.17	7581	7581	Survey & Conn.	Check Shot @ 7538' 2.5inc 337.7azi
5-Mar-09	20:55	22:50	1.92	7581	7612	Sliding	Sliding - (WOB:12;GPM :629;TFO:127)
5-Mar-09	22:50	23:00	0.17	7612	7612	Survey & Conn.	Survey & Conn.
5-Mar-09	23:00	24:00	1.00	7612	7643	Drilling	Drilling - (WOB:14;GPM :380;RPM:50)



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	36 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Friday, March 06, 2009 at 0000 to Friday, March 06, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7643.00	Rotary Hours	17.08	WOB	16	Pick UP	176	Slack Off	156	SPM	
End Depth	8077.00	Circulating Hours	2.08	RAB	164	SPP	2850	FlowRate	380 - 410	170	
Total Drilled:	434.00	Avg. Total ROP:	21.43	<b>Mud Data</b>							
Total Rotary Drilled:	404.00	Avg. Rotary ROP:	23.65	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	30.00	Avg. Slide ROP:	9.47	Weight	13.7	GAS	0	YP	5	BHT°	131
Slide Hours:	3.17	Percent Rotary:	93.09	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	6.91	Chlorides	0	WL	0	Oil %	80		

PERSONNEL			cASING			BHA				
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	BHA # 12:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM , Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,				
Second Directional :	Scott Crighton		13 3/8	54.5	1511					
MWD Operator1	Bob Burger		9 5/8	53.5	7090					
MWD Operator2	Mike		Signature:							
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Jerry Duley		Daily Cost			\$11,500.00				
Incl. In:	2.6	Azm. In:	338.6	Incl. Out:	2.4	Azm. Out:	319.8	Cummulative Cost:	\$394,135.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Mar-09	00:00	01:50	1.83	7643	7643	Circulating	Circulating, Change out Swabs and Liners in #1 Pump
6-Mar-09	01:50	02:45	0.92	7643	7674	Drilling	Drilling - (WOB:14;GPM :380;RPM:50)
6-Mar-09	02:45	02:55	0.17	7674	7674	Survey & Conn.	Check Shot @ 7631' 1.8inc 326.4 azi
6-Mar-09	02:55	03:45	0.83	7674	7705	Drilling	Drilling - (WOB:14;GPM :410;RPM:50)
6-Mar-09	03:45	03:55	0.17	7705	7705	Survey & Conn.	Survey & Conn.
6-Mar-09	03:55	05:30	1.58	7705	7766	Drilling	Drilling - (WOB:14;GPM :410;RPM:50)
6-Mar-09	05:30	05:40	0.17	7766	7766	Survey & Conn.	Check Shot @ 7723' 1.9inc 318.8azi
6-Mar-09	05:40	06:25	0.75	7766	7797	Drilling	Drilling - (WOB:14;GPM :410;RPM:50)
6-Mar-09	06:25	06:30	0.08	7797	7797	Survey & Conn.	Survey & Conn.
6-Mar-09	06:30	12:00	5.50	7797	7890	Drilling	Drilling
6-Mar-09	12:00	12:05	0.08	7890	7890	Survey & Conn.	Survey & Conn.
6-Mar-09	12:05	15:20	3.25	7890	7952	Drilling	Drilling - (WOB:16;GPM :410;RPM:50)
6-Mar-09	15:20	15:25	0.08	7952	7952	Survey & Conn.	Check Shot 7909' 2.3inc 326.6azi.
6-Mar-09	15:25	16:25	1.00	7952	7983	Drilling	Drilling - (WOB:16;GPM :410;RPM:50)
6-Mar-09	16:25	16:30	0.08	7983	7983	Survey & Conn.	Survey & Conn.
6-Mar-09	16:30	16:55	0.42	7983	7983	Other	Other, Rig Service
6-Mar-09	16:55	18:45	1.83	7983	8015	Drilling	Drilling - (WOB:16;GPM :410;RPM:50)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Mar-09	18:45	19:00	0.25	8015	8015	Survey & Conn.	Check Shot @ 7972' 2.5inc 328.6azi
6-Mar-09	19:00	19:15	0.25	8015	8015	Circulating	Circulating, Slow Pump Rates
6-Mar-09	19:15	22:25	3.17	8015	8045	Sliding	Sliding - (WOB:12;GPM :629;TFO:160)
6-Mar-09	22:25	23:50	1.42	8045	8077	Drilling	Drilling - (WOB:16;GPM :410;RPM:50)
6-Mar-09	23:50	24:00	0.17	8077	8077	Survey & Conn.	Survey & Conn.



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	37 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Saturday, March 07, 2009 at 0000 to Saturday, March 07, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	8077.00	Rotary Hours	16.17	WOB	13	Pick UP	176	Slack Off	156	SPM	
End Depth	8544.00	Circulating Hours	0.42	RAB	164	SPP	2850	FlowRate	410 - 410	170	
Total Drilled:	467.00	Avg. Total ROP:	21.89	<b>Mud Data</b>							
Total Rotary Drilled:	409.00	Avg. Rotary ROP:	25.30	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	58.00	Avg. Slide ROP:	11.23	Weight	13.7	GAS	0	YP	5	BHT°	131
Slide Hours:	5.17	Percent Rotary:	87.58	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	12.42	Chlorides	0	WL	0	Oil %	80		

PERSONNEL			cASING			BHA	
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	BHA # 12:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM , Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,	
Second Directional :	Scott Crighton		13 3/8	54.5	1511		
MWD Operator1	Bob Burger		9 5/8	53.5	7090		
MWD Operator2	Mike						
Directional Company:	Multi-Shot		Signature:			Daily Cost	\$11,500.00
Geologist:						Cummulative Cost:	\$405,635.00
Company Man:	Jerry Duley						
Incl. In:	2.4	Azm. In:	319.8	Incl. Out:	2.5	Azm. Out:	286.9

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Mar-09	00:00	01:45	1.75	8077	8108	Drilling	Drilling - (WOB:16;GPM :410;RPM:50)
7-Mar-09	01:45	01:55	0.17	8108	8108	Survey & Conn.	Check Shot @ 8065' 2.2inc 316.8azi
7-Mar-09	01:55	03:40	1.75	8108	8133	Sliding	Sliding - (WOB:12;GPM :629;TFO:150)
7-Mar-09	03:40	05:10	1.50	8133	8170	Drilling	Drilling - (WOB:13;GPM :410;RPM:50)
7-Mar-09	05:10	05:20	0.17	8170	8170	Survey & Conn.	Survey & Conn.
7-Mar-09	05:20	08:50	3.50	8170	8263	Drilling	Drilling
7-Mar-09	08:50	08:55	0.08	8263	8263	Survey & Conn.	Survey & Conn.
7-Mar-09	08:55	11:15	2.33	8263	8356	Drilling	Drilling - (WOB:13;GPM :410;RPM:50)
7-Mar-09	11:15	11:20	0.08	8356	8356	Survey & Conn.	Survey & Conn.
7-Mar-09	11:20	12:50	1.50	8356	8356	Rig Service-Inhole	Rig Service-Inhole
7-Mar-09	12:50	16:40	3.83	8356	8450	Drilling	Drilling
7-Mar-09	16:40	16:45	0.08	8450	8450	Survey & Conn.	Survey & Conn.
7-Mar-09	16:45	17:05	0.33	8450	8451	Sliding	Sliding - (WOB:12;GPM :629;TFO:130)
7-Mar-09	17:05	19:30	2.42	8451	8481	Drilling	Drilling - (WOB:13;GPM :410;RPM:50)
7-Mar-09	19:30	19:40	0.17	8481	8481	Survey & Conn.	Check Shot @ 8438' 2.6inc 286.9azi
7-Mar-09	19:40	20:05	0.42	8481	8481	Circulating	Slow pump rates
7-Mar-09	20:05	23:10	3.08	8481	8513	Sliding	Sliding - (WOB:20;GPM :629;TFO:106)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Mar-09	23:10	24:00	0.83	8513	8544	Drilling	Drilling - (WOB:13;GPM :410;RPM:50)



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	<b>38 of 43</b>
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Sunday, March 08, 2009 at 0000 to Sunday, March 08, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	8544.00	Rotary Hours	9.02	WOB	13.5	Pick UP	176	Slack Off	156	SPM	
End Depth	8991.00	Circulating Hours	0.17	RAB	164	SPP	2680	FlowRate	410 - 416	172	
Total Drilled:	447.00	Avg. Total ROP:	20.09	<b>Mud Data</b>							
Total Rotary Drilled:	279.00	Avg. Rotary ROP:	30.94	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	168.00	Avg. Slide ROP:	12.70	Weight	13.3	GAS	0	YP	5	BHT°	131
Slide Hours:	13.23	Percent Rotary:	62.42	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	37.58	Chlorides	0	WL	0	Oil %	80		

PERSONNEL			cASING			BHA				
Lead Directional :	Jon W Willis		Size	Lb/ft	Set Depth	BHA # 12:Smith QDM7313, 6/7mil. 5.0stg, 6 3/4 PDM , Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,				
Second Directional :	Scott Crighton		13 3/8	54.5	1511					
MWD Operator1	Bob Burger		9 5/8	53.5	7090					
MWD Operator2	Mike		Signature:							
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Jerry Duley					Daily Cost	\$11,500.00			
Incl. In:	2.5	Azm. In:	286.9	Incl. Out:	2.5	Azm. Out:	217.4	Cummulative Cost:	\$417,135.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Mar-09	00:00	00:10	0.17	8544	8544	Survey & Conn.	Survey & Conn.
8-Mar-09	00:10	01:00	0.83	8544	8575	Drilling	Drilling
8-Mar-09	01:00	01:10	0.17	8575	8575	Survey & Conn.	Check Shot @ 8532' 2.3inc 274.8 azi
8-Mar-09	01:10	04:04	2.90	8575	8606	Sliding	Sliding - Time Change(WOB:15;GPM :629;TFO:106)
8-Mar-09	04:04	05:00	0.93	8606	8637	Drilling	Drilling - (WOB:13;GPM :410;RPM:50)
8-Mar-09	05:00	05:10	0.17	8637	8637	Survey & Conn.	Survey & Conn.
8-Mar-09	05:10	08:20	3.17	8637	8730	Drilling	Drilling
8-Mar-09	08:20	08:25	0.08	8730	8730	Survey & Conn.	Survey & Conn.
8-Mar-09	08:25	09:45	1.33	8730	8761	Drilling	Drilling - (WOB:14;GPM :410;RPM:50)
8-Mar-09	09:45	09:50	0.08	8761	8761	Survey & Conn.	Check Shot 8718' 2.4inc. 250.6azi.
8-Mar-09	09:50	13:25	3.58	8761	8792	Sliding	Sliding - (WOB:15;GPM :629;TFO:90)
8-Mar-09	13:25	14:05	0.67	8792	8823	Drilling	Drilling - (WOB:14;GPM :410;RPM:50)
8-Mar-09	14:05	14:10	0.08	8823	8823	Survey & Conn.	Survey & Conn.
8-Mar-09	14:10	15:45	1.58	8823	8854	Sliding	Sliding - (WOB:15;GPM :416;TFO:70)
8-Mar-09	15:45	15:50	0.08	8854	8854	Survey & Conn.	Check Shot 8811' 2.4inc. 240.4azi.
8-Mar-09	15:50	16:00	0.17	8854	8854	Rig Service-Inhole	Rig Service-Inhole
8-Mar-09	16:00	17:05	1.08	8854	8885	Drilling	Drilling

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Mar-09	17:05	17:10	0.08	8885	8885	Survey & Conn.	Check Shot @ 8842' 2.5inc, 221.9azi
8-Mar-09	17:10	18:40	1.50	8885	8916	Sliding	Sliding - (WOB:15;GPM :416;TFO:30)
8-Mar-09	18:40	18:50	0.17	8916	8916	Survey & Conn.	Survey & Conn.
8-Mar-09	18:50	19:00	0.17	8916	8916	Circulating	Slow Pump Rates
8-Mar-09	19:00	21:30	2.50	8916	8948	Sliding	Sliding - (WOB:15;GPM :416;TFO:30)
8-Mar-09	21:30	21:40	0.17	8948	8948	Survey & Conn.	Check Shot @ 8905' 2.5inc, 211.9azi
8-Mar-09	21:40	22:40	1.00	8948	8979	Drilling	Drilling - (WOB:15;GPM :416;RPM:0)
8-Mar-09	22:40	22:50	0.17	8979	8979	Survey & Conn.	Check Shot @ 8936' 2.3inc 210.4 azi
8-Mar-09	22:50	24:00	1.17	8979	8991	Sliding	Sliding - (WOB:13.5;GPM :416;TFO:30)



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	39 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECT/RANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Monday, March 09, 2009 at 0000 to Monday, March 09, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	8991.00	Rotary Hours	17.75	WOB	11	Pick UP	200	Slack Off	175	SPM	
End Depth	9601.00	Circulating Hours	0.33	RAB	186	SPP	2797	FlowRate	416 - 416	172	
Total Drilled:	610.00	Avg. Total ROP:	28.05	<b>Mud Data</b>							
Total Rotary Drilled:	559.00	Avg. Rotary ROP:	31.49	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	51.00	Avg. Slide ROP:	12.75	Weight	13.3	GAS	0	YP	5	BHT°	131
Slide Hours:	4.00	Percent Rotary:	91.64	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	8.36	Chlorides	0	WL	0	Oil %	80		

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 12:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM , Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			9 5/8	53.5	7090				
MWD Operator2	Mike			Signature:						
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Jerry Duley			Daily Cost			\$11,500.00			
Incl. In:	2.5	Azm. In:	217.4	Incl. Out:	2.2	Azm. Out:	234.4	Cummulative Cost:	\$428,635.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Mar-09	00:00	01:30	1.50	8991	9010	Sliding	Sliding - (WOB:13.5;GPM :416;TFO:30)
9-Mar-09	01:30	01:40	0.17	9010	9010	Survey & Conn.	Survey & Conn.
9-Mar-09	01:40	03:50	2.17	9010	9072	Drilling	Drilling
9-Mar-09	03:50	04:00	0.17	9072	9072	Survey & Conn.	Check Shot @ 9029', 1.5inc, 202.9azi
9-Mar-09	04:00	04:55	0.92	9072	9103	Drilling	Drilling - (WOB:13;GPM :416;RPM:40)
9-Mar-09	04:55	05:05	0.17	9103	9103	Survey & Conn.	Survey & Conn.
9-Mar-09	05:05	07:35	2.50	9103	9196	Drilling	Drilling
9-Mar-09	07:35	07:40	0.08	9196	9196	Survey & Conn.	Survey & Conn.
9-Mar-09	07:40	09:10	1.50	9196	9258	Drilling	Drilling
9-Mar-09	09:10	09:15	0.08	9258	9258	Survey & Conn.	Check Shot 9215' 2.0inc. 209.0azi.
9-Mar-09	09:15	10:10	0.92	9258	9289	Drilling	Drilling - (WOB:11;GPM :416;RPM:50)
9-Mar-09	10:10	10:15	0.08	9289	9289	Survey & Conn.	Survey & Conn.
9-Mar-09	10:15	13:45	3.50	9289	9351	Drilling	Drilling - (WOB:11;GPM :416;RPM:50)
9-Mar-09	13:45	13:50	0.08	9351	9351	Survey & Conn.	Check Shot 9308' 2.4inc. 218.8azi.
9-Mar-09	13:50	14:10	0.33	9351	9351	Rig Service-Inhole	Rig Service-Inhole
9-Mar-09	14:10	16:40	2.50	9351	9383	Sliding	Sliding - (WOB:13.5;GPM :416;TFO:25)
9-Mar-09	16:40	16:45	0.08	9383	9383	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Mar-09	16:45	18:55	2.17	9383	9445	Drilling	Drilling - (WOB:11;GPM :416;RPM:50)
9-Mar-09	18:55	19:05	0.17	9445	9445	Survey & Conn.	Check Shot @ 9402', 1.5inc, 230.6azi
9-Mar-09	19:05	19:25	0.33	9445	9445	Circulating	Slow Pump Rates.
9-Mar-09	19:25	20:15	0.83	9445	9477	Drilling	Drilling - (WOB:11;GPM :416;RPM:50)
9-Mar-09	20:15	20:25	0.17	9477	9477	Survey & Conn.	Survey & Conn.
9-Mar-09	20:25	23:00	2.58	9477	9570	Drilling	Drilling - (WOB:11;GPM :416;RPM:50)
9-Mar-09	23:00	23:10	0.17	9570	9570	Survey & Conn.	Survey & Conn.
9-Mar-09	23:10	23:50	0.67	9570	9601	Drilling	Drilling
9-Mar-09	23:50	24:00	0.17	9601	9601	Survey & Conn.	Check Shot @ 9658' 2.2inc, 235.4azi



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	40 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Tuesday, March 10, 2009 at 0000 to Tuesday, March 10, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	9601.00	Rotary Hours	1.00	WOB	9	Pick UP	200	Slack Off	175	SPM	
End Depth	9695.00	Circulating Hours	2.08	RAB	186	SPP	2800	FlowRate	413 - 416	170	
Total Drilled:	94.00	Avg. Total ROP:	14.84	<b>Mud Data</b>							
Total Rotary Drilled:	13.00	Avg. Rotary ROP:	13.00	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	81.00	Avg. Slide ROP:	15.19	Weight	13.3	GAS	0	YP	5	BHT°	141
Slide Hours:	5.33	Percent Rotary:	13.83	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	86.17	Chlorides	0	WL	0	Oil %		80	

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 13:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM, Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			9 5/8	53.5	7090				
MWD Operator2	Mike			Signature:						
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Jerry Duley			Daily Cost			\$16,535.00			
Incl. In:	2.2	Azm. In:	234.4	Incl. Out:	2.6	Azm. Out:	232.5	Cummulative Cost:	\$445,170.00	

**GENERAL COMMENT**

POOH Change Bit & Motor.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Mar-09	00:00	01:45	1.75	9601	9621	Sliding	Sliding - (WOB:15;GPM :416;TFO:28)
10-Mar-09	01:45	02:50	1.08	9621	9664	Sliding	Drilling - (WOB:11;GPM :416;RPM:50)
10-Mar-09	02:50	03:00	0.17	9664	9664	Survey & Conn.	Survey & Conn.
10-Mar-09	03:00	04:10	1.17	9664	9675	Sliding	Sliding - (WOB:15;GPM :416;TFO:60), PSI Spikes
10-Mar-09	04:10	04:40	0.50	9675	9680	Drilling	Drilling - (WOB:11;GPM :416;RPM:50)
10-Mar-09	04:40	06:00	1.33	9680	9687	Sliding	Sliding - (WOB:10;GPM :416;TFO:60)
10-Mar-09	06:00	06:30	0.50	9687	9687	Circulating	Circulating
10-Mar-09	06:30	06:35	0.08	9687	9687	Survey & Conn.	Check Shot 9644' 2.9inc. 232.5azi.
10-Mar-09	06:35	06:45	0.17	9687	9687	Circulating	Circulate / Pump Pill
10-Mar-09	06:45	13:05	6.33	9687	0	POOH	POOH
10-Mar-09	13:05	13:45	0.67	0	0	Other	Lay Down Motor & Bit / Clean Floor
10-Mar-09	13:45	14:15	0.50	0	63	Change BHA	Pick up New Bit & Motor
10-Mar-09	14:15	15:05	0.83	63	63	Circulating	Test Motor & MWD
10-Mar-09	15:05	19:05	4.00	63	7100	TIH	Trip in hole to casing shoe
10-Mar-09	19:05	20:45	1.67	7100	7100	Other	Slip and Cut drilling line
10-Mar-09	20:45	21:45	1.00	7100	7100	Other	Install Drilling Rubber, Fill Pipe, Test MWD.
10-Mar-09	21:45	22:55	1.17	7100	9665	TIH	TIH

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Mar-09	22:55	23:30	0.58	9665	9687	Reaming	Ream to Bottom
10-Mar-09	23:30	24:00	0.50	9687	9695	Drilling	Drilling - (WOB:9;GPM :416;RPM:50)



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	41 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Wednesday, March 11, 2009 at 0000 to Wednesday, March 11, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	9695.00	Rotary Hours	6.17	WOB	13	Pick UP	200	Slack Off	175	SPM	
End Depth	9857.00	Circulating Hours	1.50	RAB	186	SPP	2965	FlowRate	394 - 416	158	
Total Drilled:	162.00	Avg. Total ROP:	7.51	<b>Mud Data</b>							
Total Rotary Drilled:	84.00	Avg. Rotary ROP:	13.62	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	78.00	Avg. Slide ROP:	5.06	Weight	13.3	GAS	0	YP	5	BHT°	141
Slide Hours:	15.42	Percent Rotary:	51.85	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	48.15	Chlorides	0	WL	0	Oil %	80		

PERSONNEL				cASING			BHA			
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 13:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM, Float Sub, 6 1/4 UBHO, NMDC, NMDC, 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,			
Second Directional :	Scott Crighton			13 3/8	54.5	1511				
MWD Operator1	Bob Burger			9 5/8	53.5	7090				
MWD Operator2	Mike			Signature:						
Directional Company:	Multi-Shot									
Geologist:										
Company Man:	Jerry Duley			Daily Cost			\$11,500.00			
Incl. In:	2.6	Azm. In:	232.5	Incl. Out:	2.2	Azm. Out:	242.6	Cummulative Cost:	\$456,670.00	

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Mar-09	00:00	00:15	0.25	9695	9695	Survey & Conn.	Check Shot 9652' 3.1inc. 231.3azi.
11-Mar-09	00:15	00:45	0.50	9695	9695	Circulating	Slow Pump Rate
11-Mar-09	00:45	07:15	6.50	9695	9724	Sliding	Sliding - (WOB:10;GPM :416;TFO:60)
11-Mar-09	07:15	07:30	0.25	9724	9725	Drilling	Drilling - (WOB:9;GPM :416;RPM:50)
11-Mar-09	07:30	07:35	0.08	9725	9725	Survey & Conn.	Check Shot 9682' 3.2inc. 230azi.
11-Mar-09	07:35	09:45	2.17	9725	9756	Drilling	Drilling
11-Mar-09	09:45	09:50	0.08	9756	9756	Survey & Conn.	Survey & Conn.
11-Mar-09	09:50	12:25	2.58	9756	9765	Sliding	Sliding - (WOB:30;GPM :416;TFO:50)
11-Mar-09	12:25	13:25	1.00	9765	9765	Circulating	Circulating through Choke
11-Mar-09	13:25	15:45	2.33	9765	9774	Sliding	Sliding - w/400psi. Back Pressure
11-Mar-09	15:45	16:20	0.58	9774	9787	Drilling	Drilling - (WOB:13;GPM :416;RPM:50)
11-Mar-09	16:20	16:25	0.08	9787	9787	Survey & Conn.	Check Shot
11-Mar-09	16:25	16:40	0.25	9787	9787	Rig Service-Inhole	Rig Service-Inhole
11-Mar-09	16:40	20:40	4.00	9787	9818	Sliding	Sliding - (WOB:34;GPM :394;TFO:50)
11-Mar-09	20:40	23:15	2.58	9818	9849	Drilling	Drilling
11-Mar-09	23:15	23:25	0.17	9849	9849	Survey & Conn.	Survey & Conn.
11-Mar-09	23:25	24:00	0.58	9849	9857	Drilling	Drilling - (WOB:13;GPM :394;RPM:40)



<b>JOB NO.:</b> 0932-428-022	<b>Report Time:</b> 2400	42 of 43
<b>COMPANY:</b> Fidelity Exploration	<b>API JOB #</b>	
<b>LOCATION:</b> Grand County	<b>WORK ORDER#</b>	
<b>RIG NAME:</b> Frontier #7	<b>FIELD:</b>	
<b>STATE:</b> Utah	<b>Township:</b>	
<b>COUNTY:</b> Grand County	<b>SECTRANGE:</b>	
<b>WELL NAME:</b> State 16-42		

**From Thursday, March 12, 2009 at 0000 to Thursday, March 12, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters									
Start Depth	9857.00	Rotary Hours	16.42	WOB	13	Pick UP	200	Slack Off	165	SPM			
End Depth	10176.00	Circulating Hours	3.08	RAB	186	SPP	2965	FlowRate	394 - 394	158			
Total Drilled:	319.00	Avg. Total ROP:	17.97	<b>Mud Data</b>									
Total Rotary Drilled:	306.00	Avg. Rotary ROP:	18.64	Type	Invert	PV	16	SOLID	24				
Total Drilled Sliding:	13.00	Avg. Slide ROP:	9.75	Weight	13.3	GAS	0	YP	5	BHT°	141		
Slide Hours:	1.33	Percent Rotary:	95.92	Viscosity	46	SAND	0	PH	0	Flow T°	88		
Below Rotary Hrs.	24.00	Percent Slide:	4.08	Chlorides	0	WL	0	Oil %	80				
PERSONNEL				cASING			BHA						
Lead Directional :	Jon W Willis			Size	Lb/ft	Set Depth	BHA # 13:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM, Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,						
Second Directional :	Scott Crighton			13 3/8	54.5	1511							
MWD Operator1	Bob Burger			9 5/8	53.5	7090							
MWD Operator2	Mike			Signature:			Daily Cost \$11,500.00						
Directional Company:	Multi-Shot												
Geologist:													
Company Man:	Jerry Duley						Cummulative Cost: \$468,170.00						
Incl. In:	2.2	Azm. In:	242.6	Incl. Out:	3.2	Azm. Out:	247.7						

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Mar-09	00:00	01:30	1.50	9857	9879	Drilling	Drilling - (WOB:13;GPM :394;RPM:40)
12-Mar-09	01:30	01:40	0.17	9879	9879	Survey & Conn.	Check Shot @9836', 2.2inc, 250 azi
12-Mar-09	01:40	03:45	2.08	9879	9911	Drilling	Drilling
12-Mar-09	03:45	03:55	0.17	9911	9911	Survey & Conn.	Check Shot @9868', 2.2inc, 247.3azi
12-Mar-09	03:55	06:55	3.00	9911	9941	Drilling	Drilling - (WOB:13;GPM :394;RPM:40)
12-Mar-09	06:55	07:05	0.17	9941	9941	Survey & Conn.	Survey & Conn.
12-Mar-09	07:05	08:25	1.33	9941	9954	Sliding	Sliding - Rat Hole Stop Sliding, Request of Co-Man
12-Mar-09	08:25	09:25	1.00	9954	9972	Drilling	Drilling
12-Mar-09	09:25	09:30	0.08	9972	9972	Survey & Conn.	Check Shot 9929' 2.8inc. 245.7azi.
12-Mar-09	09:30	10:55	1.42	9972	10003	Drilling	Drilling - (WOB:13;GPM :394;RPM:45)
12-Mar-09	10:55	11:00	0.08	10003	10003	Survey & Conn.	Check Shot 9960' 2.6inc. 248.6azi.
12-Mar-09	11:00	12:05	1.08	10003	10035	Drilling	Drilling - (WOB:13;GPM :394;RPM:45)
12-Mar-09	12:05	12:10	0.08	10035	10035	Survey & Conn.	Survey & Conn.
12-Mar-09	12:10	13:15	1.08	10035	10067	Drilling	Drilling - (WOB:13;GPM :394;RPM:45)
12-Mar-09	13:15	13:20	0.08	10067	10067	Survey & Conn.	Check Shot 10024 2.5inc. 245.4azi.
12-Mar-09	13:20	15:25	2.08	10067	10098	Drilling	Drilling - (WOB:13;GPM :394;RPM:45)
12-Mar-09	15:25	15:30	0.08	10098	10098	Survey & Conn.	Check Shot 10055' 2.7inc. 252.2azi.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Mar-09	15:30	17:15	1.75	10098	10129	Drilling	Drilling
12-Mar-09	17:15	17:20	0.08	10129	10129	Survey & Conn.	Survey & Conn.
12-Mar-09	17:20	17:40	0.33	10129	10129	Rig Service-Inhole	Rig Service-Inhole
12-Mar-09	17:40	18:25	0.75	10129	10161	Drilling	Drilling
12-Mar-09	18:25	18:35	0.17	10161	10161	Survey & Conn.	Check Shot @10118', 3.2inc 245.6azi
12-Mar-09	18:35	19:15	0.67	10161	10176	Drilling	Drilling - (WOB:13;GPM :394;RPM:0)
12-Mar-09	19:15	19:25	0.17	10176	10176	Survey & Conn.	Survey & Conn. T.D.
12-Mar-09	19:25	22:30	3.08	10176	10176	Circulating	Circulate / Pump 17lbs Pill
12-Mar-09	22:30	24:00	1.50	10176	8078	POOH	POOH



<b>JOB NO.:</b>	0932-428-022	<b>Report Time:</b>	2400	43 of 43
<b>COMPANY:</b>	Fidelity Exploration	<b>API JOB #</b>		
<b>LOCATION:</b>	Grand County	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Frontier #7	<b>FIELD:</b>		
<b>STATE:</b>	Utah	<b>Township:</b>		
<b>COUNTY:</b>	Grand County	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	State 16-42			

**From Friday, March 13, 2009 at 0000 to Friday, March 13, 2009 at 2400**

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	13	Pick UP	200	Slack Off	165	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	186	SPP	2965	FlowRate	394 - 394	158	
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	Invert	PV	16	SOLID	24		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	13.3	GAS	0	YP	5	BHT°	141
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	46	SAND	0	PH	0	Flow T°	88
Below Rotary Hrs.	24.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	80		

PERSONNEL		cASING			BHA						
Lead Directional :	Jon W Willis	Size	Lb/ft	Set Depth	BHA # 13:Smith QDM7313, 6/7mil. 5.0stg. 6 3/4 PDM, Float Sub, 6 1/4 UBHO, NMDC, NMDC , 8 Joints DC, X-Over, 12jts 5 Spiral, Jars, 12jts 5 Spiral, X-Over,						
Second Directional :	Scott Crighton	13 3/8	54.5	1511							
MWD Operator1	Bob Burger	9 5/8	53.5	7090							
MWD Operator2	Mike	Signature:			Daily Cost		\$20,850.00				
Directional Company:	Multi-Shot										
Geologist:											
Company Man:	Jerry Duley	Incl. In:	3.2	Azm. In:	247.7	Incl. Out:	3.2	Azm. Out:	247.7	Cummulative Cost:	\$489,020.00

**GENERAL COMMENT**

Finished, Lay Down Tools & Travel

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Mar-09	00:00	04:00	4.00	8078	63	POOH	POOH
13-Mar-09	04:00	05:00	1.00	63	0	POOH	Lay Down Directional Tools
13-Mar-09	05:00	24:00	19.00	0	0	Other	Load Out Tools & Travel

## Well Information

**BHA #** 1



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Jerry  
**BHA TYPE:** Steerable Assembly

### BHA Summary Information

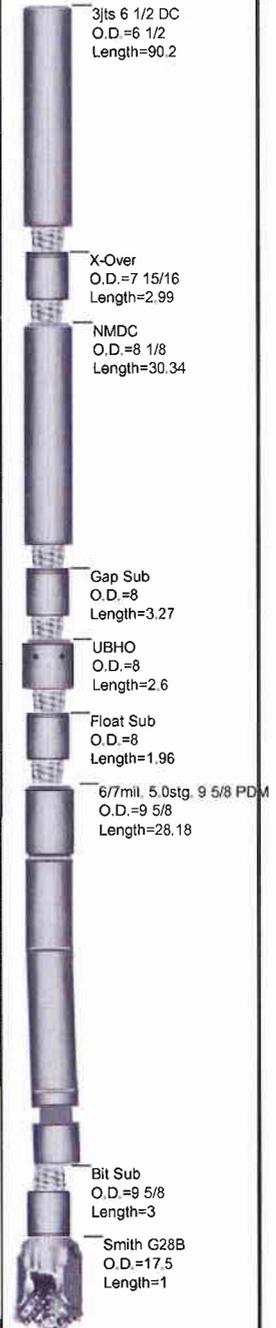
<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	5.50	<b>Start Depth</b>	142.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	39.67 / .50	<b>End Depth</b>	488.00	<b>Range</b>	
25-Jan-09 @ 16:30	27-Jan-09 @ 24:00	<b>Slide Hours</b>	33.67	<b>Percent Rotary:</b>	76.30	0 -40	0 -610
		<b>Below Rotary Hrs.</b>	53.50	<b>Percent Slide:</b>	23.70		
<b>Total Drilled:</b>		346.00	<b>Avg. Total ROP:</b>	8.83	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		264.00	<b>Avg. Rotary ROP:</b>	48.00	<b>IN</b>	<b>OUT</b>	
<b>Total Drilled Sliding:</b>		82.00	<b>Avg. Slide ROP:</b>	2.44	.0	1.4	.00
<b>SPP</b>	0 -800	<b>Weights</b>	<b>SO</b> 0 -38	<b>PU</b> 0 -38	<b>RAB</b> 0 -38	<b>Reason POOH</b>	HP

BIT DATA				MOTOR DATA				Mud Data				
SMITH		Smith G28B		6/7mil. 5.0stg. 9 5/8 PDM				Type H20				
<b>Type Bit</b>		ROCK		Model: XL		Pad OD		WT 8.6		GAS 0 Solids 0		
TFA		1.843		MFG. Multi-Shot		1/4		Vis 28		SAND 0 T° 0		
JETS		24	24	26	0	Bend ° 1.5		Stator/Rotor		6/7		
		0	0	0	0	Bit to Bend		7.13		Motor Diff 70		
<b>Bit Coding</b>		IADC#		Rev/GAL		0.13		PV 0		PH 0 Chlor 0		
IR	OR	DL	Loc	BS	G	ODL	NB Stab		0		YP 1	
0	0						Rotor Jet		0		WL 0 Oil % 0	
<b>Bit Drop:</b>		87 PSI @ 610 GPM		Sensor Offsets				BHT°		0		

**Comments**  
 Expected Motor yield 3.9 sliding at least 25 feet per 60 feet for a BUR of 1.5.  
 Drilled to a MD of 488', and lost circulation.  
 Layed down motor with 39.17 total drilling hours.

### BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith G28B	PL5965		17.5	1.00	1.00	7 5/8 REGP
2	Bit Sub	104172	4 3/4	9 5/8	3.00	4.00	6 5/8 REGP
3	6/7mil. 5.0stg. 9 5/8 PDM	96D018	3	9 5/8	28.18	32.18	6 5/8 REGB
4	Float Sub	1397	4 13/16	8	1.96	34.14	6 5/8 REGB
5	UBHO	800055	3 3/4	8	2.60	36.74	6 5/8 REGB
6	Gap Sub	800025	3 1/4	8	3.27	40.01	6 5/8 REGB
7	NMDC	80314	3 5/16	8 1/8	30.34	70.35	6 5/8 REGB
8	X-Over	80233	3 1/8	7 15/16	2.99	73.34	4 1/2 XHB
9	3jts 6 1/2 DC	Rigs	2 7/8	6 1/2	90.20	163.54	4 1/2 XHB



# Well Information

**BHA #** 2



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Jerry  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	2.75	<b>Start Depth</b>	3556.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	11.33 / 7.00	<b>End Depth</b>	3656.00	<b>Range</b>	
03-Feb-09 @ 00:00	04-Feb-09 @ 10:00	<b>Slide Hours</b>	1.58	<b>Percent Rotary:</b>	75.00	0-40	610
		<b>Below Rotary Hrs.</b>	34.00	<b>Percent Slide:</b>	25.00		-610
<b>Total Drilled:</b>		100.00	<b>Avg. Total ROP:</b>	23.08	<b>Azimuth</b>		
<b>Total Rotary Drilled:</b>		75.00	<b>Avg. Rotary ROP:</b>	27.27	<b>IN</b>	<b>OUT</b>	
<b>Total Drilled Sliding:</b>		25.00	<b>Avg. Slide ROP:</b>	15.79	.0	3.3	201.30

<b>SPP</b>	1100 -1100	<b>Weights</b>	<b>SO</b>	95 -95	<b>PU</b>	110 -110	<b>RAB</b>	0 -0	<b>Reason POOH</b>	DTF
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BIT DATA				MOTOR DATA				Mud Data			
SMITH		Smith MDI616		6/7mil. 5.0stg. 9 5/8 PDM				Type H2O			
<b>Type Bit</b>		PDC		Model: XL		Pad OD		WT 8.5 GAS 0 Solids 0			
TFA		2.453		MFG. Multi-Shot		1/4		Vis 28 SAND 0 T ° 0			
JETS		20	20	20	20	20	20	PV 28 PH 0 Chlor 0			
Bit Coding		IADC#		Bend ° 1.5		Stator/Rotor 6/7		YP 1 WL 0 Oil % 0		IBHT° 0	
IR	OR	DL	Loc	BS	G	ODL	Rev/GAL 0.13	PUMPS		PUMP1	
0	0		A				NB Stab 0	NAME		PUMP1	
Bit Drop:		48 PSI @ 610 GPM		Rotor Jet 0		Motor Diff		Type		Type	
				Sensor Offsets				Liner		Liner	
				51		0		Stroke		Stroke	
				Gamma 0		DNCS 3556		Efficiency		Efficiency	
				Restiv 0		GYRO 0					

**Comments**  
 Expected Motor Yield is 5.1 with Minimal Sliding to keep Well under 3deg.  
 Drilled 100 feet POOH for EM Tool Failure.  
 Laid down Motor with 4.3 Drilling Hrs & 11.3 Circ. Hrs.  
 Co-Man would not allow to run back in Hole.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith MDI616	JY5913	3	12 1/4	1.00	1.00	6 5/8 REGP
2	6/7mil. 5.0stg. 9 5/8 PDM	96D027	3	9 5/8	28.58	29.58	6 5/8 REGB
3	Float Sub	778625	4 13/16	7 13/16	2.27	31.85	6 5/8 REGB
4	UBHO	80034	3 3/4	8	2.46	34.31	6 5/8 REGB
5	Gap Sub	800025	3 1/4	8	3.27	37.58	6 5/8 REGB
6	NMDC	80314	3 5/16	8 1/8	30.34	67.92	6 5/8 REGB
7	X-Over	80233	3 1/8	7 15/16	2.99	70.91	4 1/2 XHB
8	3jts 6 1/2 DC	Rigs	2 7/8	2 1/4	90.20	161.11	4 1/2 XHB
9	X-Over	Rigs	2 1/4	6 1/2	2.03	163.14	4 IFB
10	27 Spiral	Rigs	3	5	824.70	987.84	4 1/2 IFB
11	X-Over	Rigs			1.87	989.71	B



# Well Information

**BHA #** 3



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Jerry  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	.00	<b>Start Depth</b>	.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	3.75 / 3.75	<b>End Depth</b>	.00	<b>Range</b>	
04-Feb-09 @ 10:00	04-Feb-09 @ 17:45	<b>Slide Hours</b>	.00	<b>Percent Rotary:</b>	NA	40 -40	610
		<b>Below Rotary Hrs.</b>	7.75	<b>Percent Slide:</b>	NA		-610
<b>Total Drilled:</b>		.00	<b>Avg. Total ROP:</b>	NA	<b>Incl.</b>	<b>Azimuth</b>	
<b>Total Rotary Drilled:</b>		.00	<b>Avg. Rotary ROP:</b>	NA	<b>IN</b>	<b>OUT</b>	<b>IN</b>
<b>Total Drilled Sliding:</b>		.00	<b>Avg. Slide ROP:</b>	NA	3.3	3.3	201.30

<b>SPP</b>		<b>Weights</b>	SO 95-95	<b>PU</b>	110-110	<b>RAB</b>	0-0	<b>Reason POOH</b>	HP
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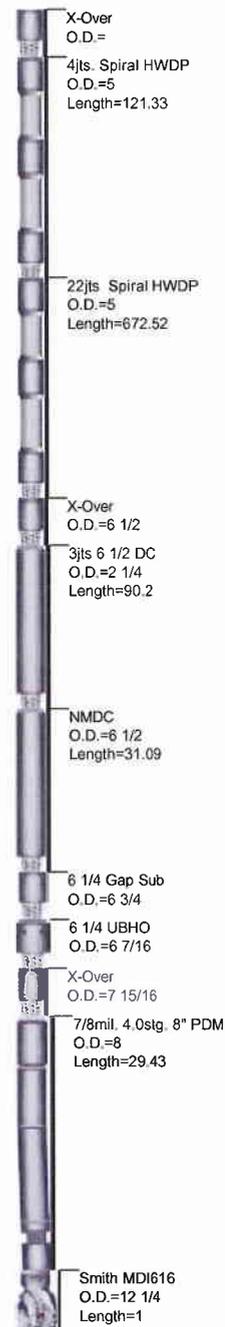
BIT DATA	MOTOR DATA	Mud Data
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SMITH	Smith MDI616	7/8mil. 4.0stg. 8 PDM		Type	H2O	
<b>Type Bit</b>	PDC	<b>Model:</b> XL	<b>Pad OD</b>	<b>WT</b> 8.5	<b>GAS</b> 0	<b>Solids</b> 0
TFA	2.453	MFG. Bico	1/4	<b>Vis</b> 28	<b>SAND</b> 0	<b>T °</b> 0
<b>JETS</b>	20 20 20 20 20	<b>Bend °</b> 1.5	<b>Stator/Rotor</b> 7/8	<b>PV</b> 28	<b>PH</b> 0	<b>Chlor</b> 0
	20 20 20 0 0	<b>Bit to Bend</b> 8.36	<b>Motor Diff</b>	<b>YP</b> 1	<b>WL</b> 0	<b>Oil %</b> 0
<b>Bit Coding</b>	<b>IADC#</b>	<b>Rev/GAL</b> 0.16		<b> BHT° </b> 0		
<b>IR</b>	<b>OR</b>	<b>DL</b>	<b>Loc</b>	<b>BS</b>	<b>G</b>	<b>ODL</b>
0	0		A			
<b>Bit Drop:</b>	48 PSI @ 610 GPM		<b>Sensor Offsets</b>			
<b>Comments</b>	<b>Sensor</b>	51	<b>Sonic</b>	0		
	<b>Gamma</b>	0	<b>DNCS</b>	3656		
	<b>Restiv</b>	0	<b>GYRO</b>	0		

TIH to 2903' Wash and Ream to 3027'  
 POOH Lay down Directional Tools, Pick up Bit and DC to Condition Hole.  
 Laid Down Bico Motor with 3.75 Ciculating Hrs.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith MDI616	JY5913	3	12 1/4	1.00	1.00	6 5/8 REGP
2	7/8mil. 4.0stg. 8" PDM	837		8	29.43	30.43	6 5/8 REGB
3	X-Over	80233	3 1/8	7 15/16	2.99	33.42	4 1/2 XHB
4	6 1/4 UBHO	650201	3 3/4	6 7/16	2.76	36.18	4 1/2 XHB
5	6 1/4 Gap Sub	65024	3	6 3/4	4.42	40.60	4 1/2 XHB
6	NMDC	64-30-1045	3	6 1/2	31.09	71.69	4 1/2 XHB
7	3jts 6 1/2 DC	Rigs	2 7/8	2 1/4	90.20	161.89	4 1/2 XHB
8	X-Over	Rigs	2 1/4	6 1/2	2.03	163.92	5 XHB
9	22jts Spiral HWDP	Rigs	3	5	672.52	836.44	5 XHB
10	Jars	Rigs	3	6 7/16	32.60	869.04	5 XHB
11	4jts. Spiral HWDP	HWDP-3-	3	5	121.33	990.37	5 XHB
12	X-Over	Rigs			1.87	992.24	4 1/2 XH



# Well Information

**BHA #** 4



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Bruce Jackson  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

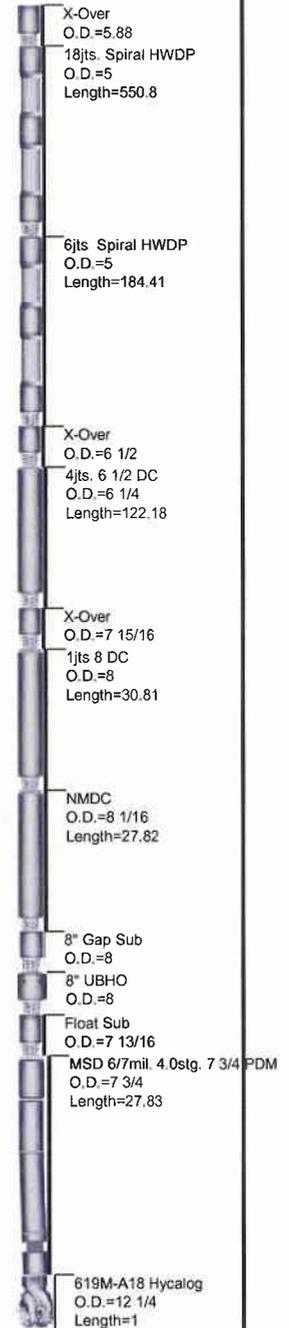
<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	6.92	<b>Start Depth</b>	3656.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	20.177 10.75	<b>End Depth</b>	3764.00	<b>Range</b>	
09-Feb-09 @ 13:00	10-Feb-09 @ 20:15	<b>Slide Hours</b>	2.50	<b>Percent Rotary:</b>	72.22	0 -40	525 -610
		<b>Below Rotary Hrs.</b>	27.50	<b>Percent Slide:</b>	27.78		
<b>Total Drilled:</b>		108.00	<b>Avg. Total ROP:</b>	11.47	<b>Incl.</b>	<b>Azimuth</b>	
<b>Total Rotary Drilled:</b>		78.00	<b>Avg. Rotary ROP:</b>	11.28	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		30.00	<b>Avg. Slide ROP:</b>	12.00	.0	2.8	.00   202.30
<b>SPP</b>	1150 -1500	<b>Weights</b>	<b>SO</b> 95 -95	<b>PU</b> 110 -110	<b>RAB</b> 105 -105	<b>Reason POOH</b>	PR

BIT DATA				MOTOR DATA				Mud Data			
HYCALOG 619M-A18 Hycalog				6/7mil. 4.0stg. 7 3/4 PDM				Type H2O			
<b>Type Bit</b>		PDC		Model: XL		Pad OD		WT 8.9 GAS 0 Solids 5			
TFA 1.335				MFG. Multi-Shot		1/4		Vis 44 SAND 0 T° 70			
<b>JETS</b>		18	16	18	16	18		PV 8 PH 9 Chlor 18000			
		16	0	0	0	0		YP 14 WL 0 Oil % 0			
<b>Bit Coding</b>		IADC#		Rev/GAL 0.16		BHT°  0					
IR	OR	DL	Loc	BS	G	ODL		<b>PUMPS</b>			
0	0							PUMP1		PUMP1	
<b>Bit Drop:</b> 171 PSI @ 610 GPM		Sensor Offsets		NB Stab 0		Rotor Jet 0		NAME China		China	
				Sensor 51		Sonic 0		Model F-1000		F-1000	
				Gamma 0		DNSC 3656		Type		Liner	
				Restiv 0		GYRO 0		Efficiency		Stroke	
								5.50		5.50	
								10.00		10.00	
								95.00		95.00	

Expected Motor Yield is 4.3, With Minimal Sliding to keep under 3 Deg.  
 Drilled from 3656' to 3764' Penetration Rate Slowed, POOH and Change Bit.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	619M-A18 Hycalog	218247	3	12 1/4	1.00	1.00	6 5/8 REGP
2	MSD 6/7mil. 4.0stg. 7 3/4 PDM	77D013	2 7/8	7 3/4	27.83	28.83	6 5/8 REGB
3	Float Sub	778625	4 13/16	7 13/16	2.27	31.10	6 5/8 REGB
4	8" UBHO	800055	3 3/4	8	2.60	33.70	6 5/8 REGB
5	8" Gap Sub	800019	3 1/4	8	3.27	36.97	6 5/8 REGB
6	NMDC	38335	3 5/16	8 1/16	27.82	64.79	6 5/8 REGB
7	1jts 8 DC	Rigs	2 7/8	8	30.81	95.60	6 5/8 REGB
8	X-Over	80233	3 1/8	7 15/16	2.99	98.59	4 1/2 XHB
9	4jts. 6 1/2 DC	Rigs	2 1/4	6 1/4	122.18	220.77	4 1/2 XHB
10	X-Over	Rigs	2 1/4	6 1/2	2.03	222.80	5 XHB
11	6jts Spiral HWDP	Rigs	3	5	184.41	407.21	5 XHB
12	Jars	Rigs	3	6 7/16	31.97	439.18	5 XHB
13	18jts. Spiral HWDP	HWDP-3-	3	5	550.80	989.98	5 XHB
14	X-Over	Rigs	2.38	5.88	1.87	991.85	4 1/2 XH



# Well Information

**BHA #** 5



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Bruce Jackson  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

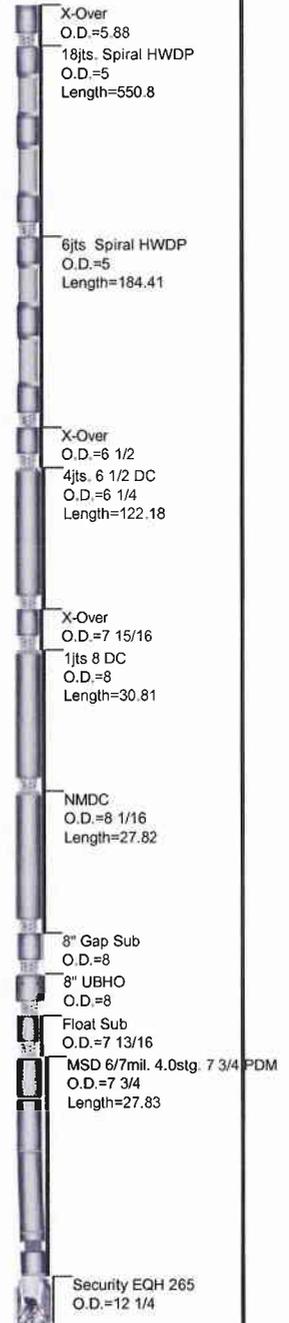
<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	23.83	<b>Start Depth</b>	3764.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	35.92 / 2.50	<b>End Depth</b>	4082.00	<b>Range</b>	
10-Feb-09 @ 20:15	12-Feb-09 @ 14:30	<b>Slide Hours</b>	9.58	<b>Percent Rotary:</b>	77.04	0 -50	610 -660
		<b>Below Rotary Hrs.</b>	42.25	<b>Percent Slide:</b>	22.96		
<b>Total Drilled:</b>		318.00	<b>Avg. Total ROP:</b>	9.52	<b>Incl.</b>	<b>Azimuth</b>	
<b>Total Rotary Drilled:</b>		245.00	<b>Avg. Rotary ROP:</b>	10.28	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		73.00	<b>Avg. Slide ROP:</b>	7.62	2.8	1.4	202.30 209.00
<b>SPP</b>	1470 -1500	<b>Weights</b>	<b>SO</b> 95 -116	<b>PU</b> 115 -125	<b>RAB</b> 112 -116	<b>Reason</b>	<b>POOH</b> PR

BIT DATA				MOTOR DATA				Mud Data			
Security		Security EQH 265		6/7mil. 4.0stg. 7 3/4 PDM				Type H2O			
<b>Type Bit</b>		ROCK		Model: XL		Pad OD		WT 8.9 GAS 0 Solids 6			
TFA		0.92		MFG. Multi-Shot		1/4		Vis 49 SAND 0 T° 75			
JETS		20	20	20	0	0	Bend °	1.5	Stator/Rotor	6/7	PV 13 PH 9 Chlor 20000
		0	0	0	0	0	Bit to Bend	6.85	Motor Diff		YP 14 WL 14 Oil % 0
<b>Bit Coding</b>		IADC#		Rev/GAL		0.16		BHT°		0	
IR	OR	DL	Loc	BS	G	ODL	NB Stab	0	<b>PUMPS</b>		<b>PUMP1</b>
0	0		A				Rotor Jet	0	NAME		China
<b>Bit Drop:</b>		422 PSI @ 660 GPM		Sensor Offsets				Type		China	
				51		Sonic		Liner		F-1000	
				0		DNCS		Stroke		10.00	
				0		GYRO		Efficiency		95.00	

**Comments**  
 BHA Performed as Expected  
 Drilled from 3764' to 4082' Penetration Rate Slowed  
 POOH to Change Bit / 33.41 Drilling Hrs.  
 Total Motor Hrs 42.83

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Security EQH 265	11174541	3	12 1/4	1.00	1.00	6 5/8 REGP
2	MSD 6/7mil. 4.0stg. 7 3/4 PDM	77D013	2 7/8	7 3/4	27.83	28.83	6 5/8 REGB
3	Float Sub	778625	4 13/16	7 13/16	2.27	31.10	6 5/8 REGB
4	8" UBHO	800055	3 3/4	8	2.60	33.70	6 5/8 REGB
5	8" Gap Sub	800019	3 1/4	8	3.27	36.97	6 5/8 REGB
6	NMDC	38335	3 5/16	8 1/16	27.82	64.79	6 5/8 REGB
7	1jts 8 DC	Rigs	2 7/8	8	30.81	95.60	6 5/8 REGB
8	X-Over	80233	3 1/8	7 15/16	2.99	98.59	4 1/2 XHB
9	4jts. 6 1/2 DC	Rigs	2 1/4	6 1/4	122.18	220.77	4 1/2 XHB
10	X-Over	Rigs	2 1/4	6 1/2	2.03	222.80	5 XHB
11	6jts Spiral HWDP	Rigs	3	5	184.41	407.21	5 XHB
12	Jars	Rigs	3	6 7/16	31.97	439.18	5 XHB
13	18jts. Spiral HWDP	HWDP-3-	3	5	550.80	989.98	5 XHB
14	X-Over	Rigs	2.38	5.88	1.87	991.85	4 1/2 XH



# Well Information

**BHA #** 6



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Bruce Jackson  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	40.75	<b>Start Depth</b>	4082.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	51.25 / 1.75	<b>End Depth</b>	4655.00	<b>Range</b>	
12-Feb-09 @ 09:10	15-Feb-09 @ 02:40	<b>Slide Hours</b>	8.75	<b>Percent Rotary:</b>	90.40	0 -50	425 -660
		<b>Below Rotary Hrs.</b>	50.50	<b>Percent Slide:</b>	9.60		
<b>Total Drilled:</b>		573.00	<b>Avg. Total ROP:</b>	11.58	<b>Incl.</b>	<b>Azimuth</b>	
<b>Total Rotary Drilled:</b>		518.00	<b>Avg. Rotary ROP:</b>	12.71	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		55.00	<b>Avg. Slide ROP:</b>	6.29	.0	3.2	.00 182.30

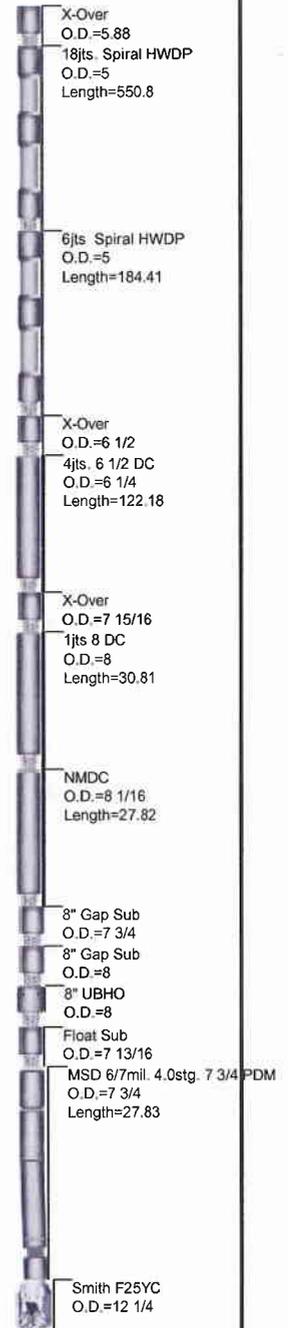
<b>SPP</b>	900 -2003	<b>Weights</b>	<b>SO</b>	102 -120	<b>PU</b>	116 -124	<b>RAB</b>	110 -122	<b>Reason POOH</b>	BHA
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BIT DATA				MOTOR DATA				Mud Data			
SMITH Smith F25YC				6/7mil. 4.0stg. 7 3/4 PDM				Type H2O			
<b>Type Bit</b>		ROCK		Model: XL		Pad OD		WT 9 GAS 0 Solids 6			
TFA 0.92				MFG. Multi-Shot		1/4		Vis 43 SAND 0 T° 77			
<b>JETS</b>		20	20	20	0	0	<b>Stator/Rotor</b>		6/7		
		0	0	0	0	0	<b>Bit to Bend</b>		6.85		<b>Motor Diff</b> 90
<b>Bit Coding</b>		IADC#		Rev/GAL		0.16		<b>YP</b>		14 WL 14 Oil % 0	
<b>IR</b>	<b>OR</b>	<b>DL</b>	<b>Loc</b>	<b>BS</b>	<b>G</b>	<b>ODL</b>	<b>PUMPS</b>		<b>PUMP1</b>		<b>PUMP1</b>
1	5		H	E			<b>NAME</b>		China		China
<b>Bit Drop:</b>		427 PSI @ 660 GPM		<b>Sensor Offsets</b>				<b>Model</b>		F-1000 F-1000	
<b>Comments</b>		<b>Sensor</b>	51	<b>Sonic</b>	0	<b>Type</b>		Liner		5.50 5.50	
		<b>Gamma</b>	0	<b>DNCS</b>	4082	<b>Stroke</b>		10.00		10.00	
		<b>Restiv</b>	0	<b>GYRO</b>	0	<b>Efficiency</b>		95.00		95.00	

Expected Motor Yield is 4.3 with Minimal Sliding to keep under 3 deg.  
 Drilled from 4082' to 4655' w/49.5 Drilling Hrs. POOH to Check High Side and Change Motor.  
 Laid Down Motor # 77D013D from BHA's #4,5 & 6 with 92.33 Total Drilling Hrs.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith F25YC	PJ3941	3	12 1/4	1.00	1.00	6 5/8 REGP
2	MSD 6/7mil. 4.0stg. 7 3/4 PDM	77D013	2 7/8	7 3/4	27.83	28.83	6 5/8 REGB
3	Float Sub	778625	4 13/16	7 13/16	2.27	31.10	6 5/8 REGB
4	8" UBHO	800055	3 3/4	8	2.60	33.70	6 5/8 REGB
5	8" Gap Sub	800019	3 1/4	8	3.27	36.97	6 5/8 REGB
6	8" Gap Sub	??	2 13/16	7 3/4	3.20	40.17	6 5/8 REGB
7	NMDC	38335	3 5/16	8 1/16	27.82	67.99	6 5/8 REGB
8	1jts 8 DC	Rigs	2 7/8	8	30.81	98.80	6 5/8 REGB
9	X-Over	80233	3 1/8	7 15/16	2.99	101.79	4 1/2 XHB
10	4jts. 6 1/2 DC	Rigs	2 1/4	6 1/4	122.18	223.97	4 1/2 XHB
11	X-Over	Rigs	2 1/4	6 1/2	2.03	226.00	5 XHB
12	6jts Spiral HWDP	Rigs	3	5	184.41	410.41	5 XHB
13	Jars	Rigs	3	6 7/16	31.97	442.38	5 XHB
14	18jts. Spiral HWDP	HWDP-3-	3	5	550.80	993.18	5 XHB
15	X-Over	Rigs	2.38	5.88	1.87	995.05	4 1/2 XH



# Well Information

**BHA #** 7



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Bruce Jackson  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	27.08	<b>Start Depth</b>	4655.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	36.83 / 3.50	<b>End Depth</b>	5113.00	<b>Range</b>	
15-Feb-09 @ 02:40	17-Feb-09 @ 03:30	<b>Slide Hours</b>	6.25	<b>Percent Rotary:</b>	84.72	0 -50	640
		<b>Below Rotary Hrs.</b>	48.83	<b>Percent Slide:</b>	15.28		-640
<b>Total Drilled:</b>		458.00	<b>Avg. Total ROP:</b>	13.74	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		388.00	<b>Avg. Rotary ROP:</b>	14.33	<b>IN</b>	<b>OUT</b>	
<b>Total Drilled Sliding:</b>		70.00	<b>Avg. Slide ROP:</b>	11.20	3.2	2.3	182.30 203.00

<b>SPP</b>	1869 -1869	<b>Weights</b>	<b>SO</b>	110 -120	<b>PU</b>	126 -132	<b>RAB</b>	122 -124	<b>Reason POOH</b>	PR
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BIT DATA	MOTOR DATA	Mud Data
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SMITH Smith GF128B		6/7mil. 5.0stg. 9 5/8 PDM		Type H2O		
<b>Type Bit</b>		Model: XL		Pad OD		
TFA 0.92		MFG. Multi-Shot		1/4		
ROCK		Bend ° 1.5		Stator/Rotor 6/7		
JETS		Bit to Bend 7.17		Motor Diff		
Bit Coding		Rev/GAL 0.13		BHT°  0		
IR	OR	DL	Loc	BS	G	ODL
5	8	CT	A	E	.25	BT
<b>Bit Drop:</b>		410 PSI @ 640 GPM		<b>Sensor Offsets</b>		
<b>Comments</b>		Sensor	51	Sonic	0	
		Gamma	0	DNOSC	4655	
		Restiv	0	GYRO	0	

Expected Motor Yield is 5.1 with Minimal Sliding to keep under 3 deg.  
 Drilled from 4655' to 5113' with 33 Drilling Hrs. POOH to Change Bit & MWD.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith GF128B	PK4771	3	12 1/4	1.00	1.00	6 5/8 REGP
2	6/7mil. 5.0stg. 9 5/8 PDM	96D027		9 5/8	28.58	29.58	6 5/8 REGB
3	Float Sub	778625	4 13/16	7 13/16	2.27	31.85	6 5/8 REGB
4	8" UBHO	80033	3 11/16	8 1/4	2.62	34.47	6 5/8 REGB
5	8" Gap Sub	??	3 1/4	8	3.20	37.67	6 5/8 REGB
6	8" Gap Sub	8006	3 1/4	8	3.24	40.91	6 5/8 REGB
7	NMDC	38335	3 5/16	8 1/16	27.82	68.73	6 5/8 REGB
8	1jts 8 DC	Rigs	2 7/8	8	30.81	99.54	6 5/8 REGB
9	X-Over	80233	3 1/8	7 15/16	2.99	102.53	4 1/2 XHB
10	4jts. 6 1/2 DC	Rigs	2 1/4	6 1/4	122.18	224.71	4 1/2 XHB
11	X-Over	Rigs	2 1/4	6 1/2	2.03	226.74	5 XHB
12	6jts Spiral HWDP	Rigs	3	5	184.41	411.15	5 XHB
13	Jars	Rigs	3	6 7/16	31.97	443.12	5 XHB
14	18jts. Spiral HWDP	HWDP-3-	3	5	550.80	993.92	5 XHB
15	X-Over	Rigs	2.38	5.88	1.87	995.79	4 1/2 XH



# Well Information

**BHA #** 8



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Bruce Jackson  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

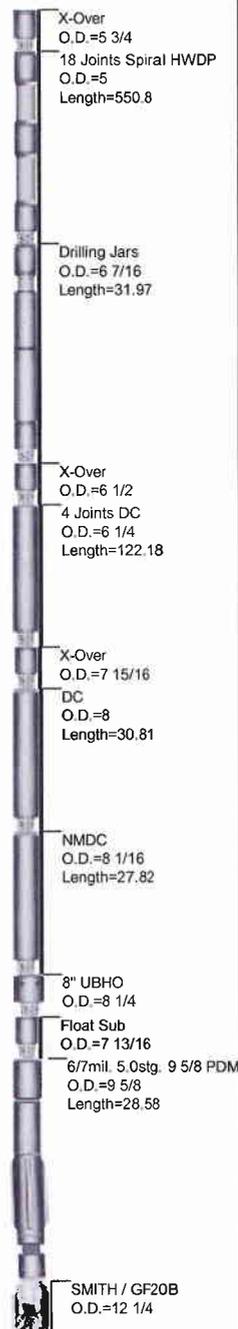
<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	57.92	<b>Start Depth</b>	5113.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	78.67 / 1.50	<b>End Depth</b>	5951.00	<b>Range</b>	
17-Feb-09 @ 03:30	20-Feb-09 @ 20:30	<b>Slide Hours</b>	19.25	<b>Percent Rotary:</b>	79.95	0 -50	629 -640
		<b>Below Rotary Hrs.</b>	88.42	<b>Percent Slide:</b>	20.05		
<b>Total Drilled:</b>		838.00	<b>Avg. Total ROP:</b>	10.86	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		670.00	<b>Avg. Rotary ROP:</b>	11.57	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		168.00	<b>Avg. Slide ROP:</b>	8.73	2.3	1.9	203.00 196.30
<b>SPP</b>	1869 -2050	<b>Weights</b>	SO 126 -135	<b>PU</b>	136 -150	<b>RAB</b>	133 -140 <b>Reason POOH</b> PR

BIT DATA				MOTOR DATA				Mud Data			
SMITH		SMITH / GF20B		6/7mil. 5.0stg. 9 5/8 PDM				Type		H2O	
<b>Type Bit</b>		ROCK		Model: XL		Pad OD		WT 9.3		GAS 0 Solids 4	
TFA		0.92		MFG. Multi-Shot		1/4		Vis 39		SAND 0 T ° 98	
<b>JETS</b>		20	20	20	0	0	<b>Bend °</b> 1.5	<b>Stator/Rotor</b> 6/7	PV 9		PH 9.3 Chlor 16000
		0	0	0	0	0	<b>Bit to Bend</b> 7.17	<b>Motor Diff</b>	YP 13		WL 14 Oil % 0
<b>Bit Coding</b>		IADC#		Rev/GAL 0.13				BHT°		116	
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0	<b>PUMPS</b>		<b>PUMP1</b>	
3	8	FC	S	E	.20		Rotor Jet 0	NAME		China	
<b>Bit Drop:</b>		414 PSI @ 640 GPM		Sensor Offsets				Model		F-1000	
								Type		5.50	
								Liner		10.00	
								Stroke		95.00	
								Efficiency		95.00	

Expected Motor Yield is 5.1, With Minimal Sliding to keep under 3 deg.  
 Drilled from 5113' to 5951' Penetration Rate Slowed. POOH to Change Bit.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	SMITH / GF20B	PJ6315	3	12 1/4	1.00	1.00	6 5/8 REGP
2	6/7mil. 5.0stg. 9 5/8 PDM	96D027		9 5/8	28.58	29.58	6 5/8 REGB
3	Float Sub	778625	4 13/16	7 13/16	2.27	31.85	6 5/8 REGB
4	8" UBHO	80033	3 11/16	8 1/4	2.62	34.47	6 5/8 REGB
5	NMDC	38335	3 5/16	8 1/16	27.82	62.29	6 5/8 REGB
6	DC	Rigs	2 7/8	8	30.81	93.10	6 5/8 REGB
7	X-Over	8335	2 7/8	7 15/16	2.99	96.09	3 1/2 XHB
8	4 Joints DC	Rigs	3 1/8	6 1/4	122.18	218.27	4 1/2 XHB
9	X-Over	Rigs	2 1/4	6 1/2	2.03	220.30	5 XHB
10	6 Joints Spiral HWDP	Rigs	2 1/4	5	184.41	404.71	5 XHB
11	Drilling Jars	Rigs	3	6 7/16	31.97	436.68	5 XHB
12	18 Joints Spiral HWDP	Rigs	3	5	550.80	987.48	5 XHB
13	X-Over	Rigs	2 3/8	5 3/4	1.87	989.35	4 1/2 XH



# Well Information

**BHA # 9**



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Bruce Jackson  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	54.00	<b>Start Depth</b>	5951.00	<b>RPM</b>	<b>Flow</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	81.67 / 5.92	<b>End Depth</b>	7114.00	<b>Range</b>	<b>Rate</b>
20-Feb-09 @ 20:30	25-Feb-09 @ 00:01	<b>Slide Hours</b>	21.75	<b>Percent Rotary:</b>	69.13	0 -45	629 -640
		<b>Below Rotary Hrs.</b>	99.52	<b>Percent Slide:</b>	30.87		
<b>Total Drilled:</b>		1163.00	<b>Avg. Total ROP:</b>	15.35	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		804.00	<b>Avg. Rotary ROP:</b>	14.89	<b>IN</b>	<b>OUT</b>	
<b>Total Drilled Sliding:</b>		359.00	<b>Avg. Slide ROP:</b>	16.51	1.9	2.5	196.30 306.70

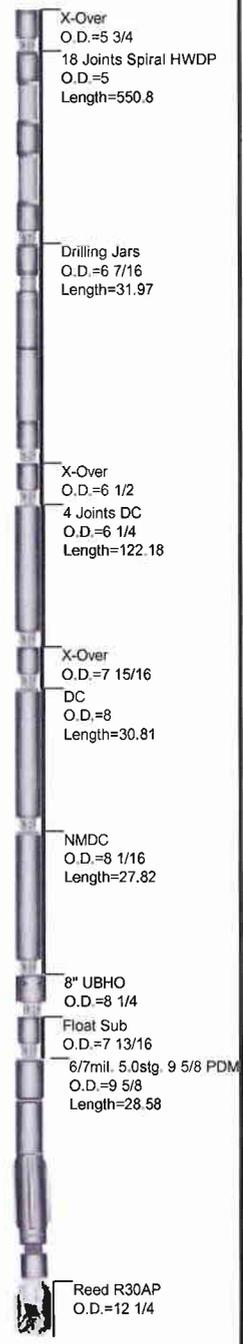
<b>SPP</b>	1995 -2120	<b>Weights</b>	<b>SO</b>	135 -148	<b>PU</b>	151 -157	<b>RAB</b>	146 -152	<b>Reason POOH</b>	LOG
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BIT DATA				MOTOR DATA				Mud Data			
HYCLOG Reed R30AP				6/7mil. 5.0stg. 9 5/8 PDM				Type H2O			
<b>Type Bit</b>		ROCK		Model: XL		Pad OD		WT 10.5 GAS 0 Solids 10			
TFA 1.114				MFG. Multi-Shot		1/4		Vis 40 SAND 0 T° 105			
<b>JETS</b>		22	22	22	0	0		PV 9 PH 9.1 Chlor 86			
		0	0	0	0	0		YP 13 WL 18 Oil % 0			
<b>Bit Coding</b>		IADC#		Rev/GAL 0.16		BHT°  140					
IR	OR	DL	Loc	BS	G	ODL					
0	0		A								
<b>Bit Drop:</b>		319 PSI @ 640 GPM		Sensor Offsets							
<b>Comments</b>		Sensor	56	Sonic	0						
		Gamma	41	DNCS	5951						
		Restiv	0	GYRO	0						

Expected Motor Yield is 5.1, With Minimal Sliding to keep under 3 deg.  
 Drilled from 5951 to 7114 Casing Point. POOH Laid down Motor with 75 Drilling Hrs

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Reed R30AP	BX3135	3	12 1/4	1.00	1.00	6 5/8 REGP
2	6/7mil. 5.0stg. 9 5/8 PDM	96D027		9 5/8	28.58	29.58	6 5/8 REGB
3	Float Sub	778625	4 13/16	7 13/16	2.27	31.85	6 5/8 REGB
4	8" UBHO	80033	3 11/16	8 1/4	2.62	34.47	6 5/8 REGB
5	NMDC	38335	3 5/16	8 1/16	27.82	62.29	6 5/8 REGB
6	DC	Rigs	2 7/8	8	30.81	93.10	6 5/8 REGB
7	X-Over	8335	2 7/8	7 15/16	2.99	96.09	3 1/2 XHB
8	4 Joints DC	Rigs	3 1/8	6 1/4	122.18	218.27	4 1/2 XHB
9	X-Over	Rigs	2 1/4	6 1/2	2.03	220.30	5 XHB
10	6 Joints Spiral HWDP	Rigs	2 1/4	5	184.41	404.71	5 XHB
11	Drilling Jars	Rigs	3	6 7/16	31.97	436.68	5 XHB
12	18 Joints Spiral HWDP	Rlgs	3	5	550.80	987.48	5 XHB
13	X-Over	Rlgs	2 3/8	5 3/4	1.87	989.35	4 1/2 XH



# Well Information

**BHA #** 10



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Bruce Jackson  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	1.00	<b>Start Depth</b>	7114.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	5.75 / 4.75	<b>End Depth</b>	7119.00	<b>Range</b>	
03-Mar-09 @ 08:30	03-Mar-09 @ 24:00	<b>Slide Hours</b>	.00	<b>Percent Rotary:</b>	100.00	0 -55	412 -629
		<b>Below Rotary Hrs.</b>	15.50	<b>Percent Slide:</b>	.00		
<b>Total Drilled:</b>		5.00	<b>Avg. Total ROP:</b>	5.00	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		5.00	<b>Avg. Rotary ROP:</b>	5.00	<b>IN</b>	<b>OUT</b>	
<b>Total Drilled Sliding:</b>		.00	<b>Avg. Slide ROP:</b>	NA	2.5	2.5	306.70 306.70
<b>SPP</b>	2120 -3350	<b>Weights SO</b>	148 -148	<b>PU</b>	157 -157	<b>RAB</b>	152 -152
		<b>Reason POOH</b>	PP				

BIT DATA				MOTOR DATA				Mud Data					
SMITH		Smith QDM7313		6/7mil. 5.0stg. 6 3/4 PDM				Type H2O					
<b>Type Bit</b>		BI-CENTER		Model: XL		Pad OD		WT 13.7 GAS 0 Solids 10					
TFA		0.822		MFG. Multi-Shot		1/8		Vis 43 SAND 0 T° 105					
<b>JETS</b>		11	11	11	11	14	Bend ° 1.5		Stator/Rotor 6/7		PV 9 PH 9.1 Chlor 86		
		14	14	0	0	0	Bit to Bend 5.96		Motor Diff		YP 13 WL 18 Oil % 0		
<b>Bit Coding</b>		IADC#		Rev/GAL		0.28		BHT°		140			
IR	OR	DL	Loc	BS	G	ODL	NB Stab		0				
0	0						Rotor Jet		0				
<b>Bit Drop:</b>		739 PSI @ 629 GPM		<b>Sensor Offsets</b>				<b>Type</b>					
		Sensor	43	Sonic	0		<b>Liner</b>		5.50		5.50		
		Gamma	39	DNCS	7114		<b>Stroke</b>		10.00		10.00		
		Restiv	0	GYRO	0		<b>Efficiency</b>		95.00		95.00		

Expected Motor Yield is 4.7, With Minimal Sliding to keep under 3 deg.  
 Drilled from 7114' to 7119' Pressure to High. POOH Check For plugged Jets  
 No Plug Lay down Motor with 1 Drilling Hr. & 5.75 Circulating Hr.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith QDM7313	JX9536	2 1/4	8 1/2	1.00	1.00	4 1/2 REGP
2	6/7mil. 5.0stg. 6 3/4 PDM	67D419	2 1/4	6 5/8	26.42	27.42	4 1/2 REGB
3	Float Sub	627609	3 1/4	6 3/8	1.77	29.19	4 1/2 XHB
4	6 1/4 UBHO	5c231	2 3/4	6 3/8	2.74	31.93	4 1/2 XHB
5	NMDC	64-30-1045	3	6 3/8	31.09	63.02	4 1/2 XHB
6	9 Joints DC	Rigs	3 1/8	6 1/4	273.94	336.96	4 1/2 XHB
7	X-Over	Rigs	2 1/4	6 1/2	2.03	338.99	4 1/2 IFB
8	12jts 5 Spiral	Rigs	3	5	368.22	707.21	4 1/2 IFB
9	Jars	Rigs	2 1/4	6 1/2	31.97	739.18	4 1/2 IFB
10	12jts 5 Spiral	Rigs	3	5	366.99	1106.17	4 1/2 IFB
11	X-Over	Rigs	2 1/4	6 1/4	1.87	1108.04	4 1/2 XHB



# Well Information

**BHA #** 11



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Jerry Duley  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	6.67	<b>Start Depth</b>	7119.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	9.33 / 1.50	<b>End Depth</b>	7241.00	<b>Range</b>	
04-Mar-09 @ 00:00	04-Mar-09 @ 22:00	<b>Slide Hours</b>	1.17	<b>Percent Rotary:</b>	74.59	0 -55	380
		<b>Below Rotary Hrs.</b>	22.00	<b>Percent Slide:</b>	25.41		-629
<b>Total Drilled:</b>		122.00	<b>Avg. Total ROP:</b>	15.57	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		91.00	<b>Avg. Rotary ROP:</b>	13.65	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		31.00	<b>Avg. Slide ROP:</b>	26.57	2.5	2.0	306.70 324.90

<b>SPP</b> 2938 -3350	<b>Weights</b> SO	148 -148	<b>PU</b> 157 -157	<b>RAB</b> 152 -152	<b>Reason POOH</b> PP
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BIT DATA				MOTOR DATA				Mud Data			
SMITH		SMITH QDM7313		6/7mil. 5.0stg. 6 3/4 PDM				Type Invert			
<b>Type Bit</b>		BI-CENTER		Model: XL		Pad OD		WT 13.7 GAS 0 Solids 10			
TFA 0.822				MFG. Multi-Shot		1/8		Vis 43 SAND 0 T° 70			
<b>JETS</b>		11	11	11	11	14	<b>Stator/Rotor</b> 6/7		PV 9 PH 9.1 Chlor 86		
		14	14	0	0	0	<b>Motor Diff</b>		YP 13 WL 18 Oil % 79		
<b>Bit Coding</b>		IADC#		Rev/GAL 0.28				<b>BHT°</b> 131			
<b>IR</b>	<b>OR</b>	<b>DL</b>	<b>Loc</b>	<b>BS</b>	<b>G</b>	<b>ODL</b>	<b>PUMPS</b>		<b>PUMP1</b>		<b>PUMP1</b>
0	0						NAME		China		China
<b>Bit Drop:</b> 739 PSI @ 629 GPM		<b>Sensor Offsets</b>		NB Stab 0				Model		F-1000 F-1000	
				Rotor Jet 0				Type		5.50 5.50	
				Sensor 43		Sonic 0		Liner		10.00 10.00	
				Gamma 39		DNSC 7119		Stroke		95.00 95.00	
				Restiv 0		GYRO 0		Efficiency			

**Comments**  
 Expected Motor Yield is 4.7, With Minimal Sliding to keep under 3 deg.  
 Drilled from 7119' to 7241' Pressure High POOH to Change out another good Motor.  
 Laid Down Motor #67D871 with 7.84 Drilling Hrs.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	SMITH QDM7313	JX9536	2 1/4	8 1/2	1.00	1.00	4 1/2 REGP
2	6/7mil. 5.0stg. 6 3/4 PDM	67D871		6 5/8	26.37	27.37	4 1/2 REGB
3	Float Sub	627609	3 1/4	6 3/8	1.77	29.14	4 1/2 XHB
4	6 1/4 UBHO	5c231	2 3/4	6 3/8	2.74	31.88	4 1/2 XHB
5	NMDC	64-30-1045	3	6 3/8	31.09	62.97	4 1/2 XHB
6	9 Joints DC	Rigs	3 1/8	6 1/4	273.94	336.91	4 1/2 XHB
7	X-Over	Rigs	2 1/4	6 1/2	2.03	338.94	4 1/2 IFB
8	12jts 5 Spiral	Rigs	3	5	368.22	707.16	4 1/2 IFB
9	Jars	Rigs	2 1/4	6 1/2	31.97	739.13	4 1/2 IFB
10	12jts 5 Spiral	Rigs	3	5	366.99	1106.12	4 1/2 IFB
11	X-Over	Rigs	2 1/4	6 1/4	1.87	1107.99	4 1/2 XHB



# Well Information

**BHA #** 12



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Jerry Duley  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	76.68	<b>Start Depth</b>	7241.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	114.00 / 4.50	<b>End Depth</b>	9687.00	<b>Range</b>	
04-Mar-09 @ 22:00	10-Mar-09 @ 14:15	<b>Slide Hours</b>	32.82	<b>Percent Rotary:</b>	82.87	0 -55	380 -416
		<b>Below Rotary Hrs.</b>	136.25	<b>Percent Slide:</b>	17.13		
<b>Total Drilled:</b>		2446.00	<b>Avg. Total ROP:</b>	22.34	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		2027.00	<b>Avg. Rotary ROP:</b>	26.43	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		419.00	<b>Avg. Slide ROP:</b>	12.77	2.0	2.6	324.90 232.50

<b>SPP</b> 2639 -2938	<b>Weights</b>	<b>SO</b> 145 -175	<b>PU</b> 157 -200	<b>RAB</b> 152 -186	<b>Reason POOH</b>	PR
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BIT DATA				MOTOR DATA				Mud Data					
SMITH Smith QDM7313				6/7mil. 5.0 stg. 6 3/4 PDM				Type Invert					
<b>Type Bit</b>		BI-CENTER		Model: XL		Pad OD		WT 13.3		GAS 0 Solids 24			
TFA 0.951				MFG. Multi-Shot		1/4		Vis 46		SAND 0 T° 88			
<b>JETS</b>		11 11 11 11 14		Bend° 1.5		Stator/Rotor 6/7		PV 16		PH 0 Chlor 0			
		14 14 13 0 0		Bit to Bend 5.95		Motor Diff 200		YP 5		WL 0 Oil % 80			
<b>Bit Coding</b>		IADC#		Rev/GAL 0.28						BHT°  131			
IR 0	OR 3	DL WT	Loc S	BS X	G	ODL LT							
<b>Bit Drop:</b> 234 PSI @ 416 GPM				<b>Sensor Offsets</b>				<b>PUMPS</b>		<b>PUMP1</b>		<b>PUMP1</b>	
<b>Comments</b>				Sensor	43	Sonic	0	<b>NAME</b>		China		China	
				Gamma	39	DNDC	7241	<b>Model</b>		F-1000		F-1000	
				Restiv	0	GYRO	0	<b>Type</b>		5.50		5.50	
				<b>Liner</b>		10.00		<b>Stroke</b>		10.00		10.00	
<b>Efficiency</b>		95.00		<b>Efficiency</b>		95.00		95.00		95.00			

Expected Motor Yield is 4.7, With Minimal Sliding to keep under 3 deg.  
 Motor Performed as Expected. Drilled from 7241' to 9687' Penetration Rate Slowed,  
 POOH to Change Bit & Motor. Laid Down Motor #67D420 w/109.5 Drilling Hrs.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith QDM7313	JX9536	2 1/4	8 1/2	1.00	1.00	4 1/2 REGP
2	6/7mil. 5.0stg. 6 3/4 PDM	67D420	2 5/8	6 1/4	26.60	27.60	4 1/2 REGB
3	Float Sub	650176	3 1/4	6 5/16	2.35	29.95	4 1/2 XHB
4	6 1/4 UBHO	650201		6 1/4	2.75	32.70	4 1/2 XHB
5	NMDC	64-30-1045	3	6 3/8	31.09	63.79	4 1/2 XHB
6	NMDC	62550	3	6 3/8	31.04	94.83	4 1/2 XHB
7	8 Joints DC	Rigs	3 1/8	6 1/4	243.55	338.38	4 1/2 XHB
8	X-Over	Rigs	2 1/4	6 1/2	2.03	340.41	4 1/2 IFB
9	12jts 5 Spiral	Rigs	3	5	368.22	708.63	4 1/2 IFB
10	Jars	Rigs	2 1/4	6 1/2	31.97	740.60	4 1/2 IFB
11	12jts 5 Spiral	Rigs	3	5	366.99	1107.59	4 1/2 IFB
12	X-Over	Rigs	2 1/4	6 1/4	1.87	1109.46	4 1/2 XHB



# Well Information

**BHA # 13**



**JOB NO.:** 0932-428-022  
**COMPANY:** Fidelity Exploration  
**LOCATION:** Grand County  
**RIG NAME:** Frontier #7  
**STATE:** Utah  
**COUNTY:** Grand County  
**WELL NAME:** State 16-42

**FIELD:**  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Jon W Willis  
**Co. Man:** Jerry Duley  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

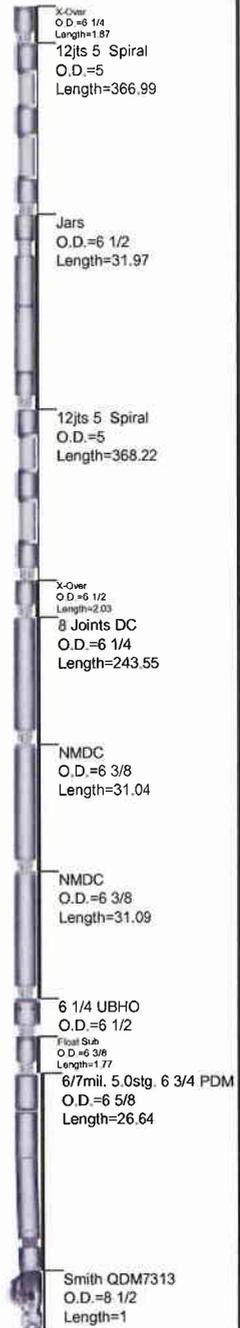
<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	23.08	<b>Start Depth</b>	9687.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	45.83 / 6.00	<b>End Depth</b>	10176.00	<b>Range</b>	
10-Mar-09 @ 14:15	13-Mar-09 @ 24:00	<b>Slide Hours</b>	16.75	<b>Percent Rotary:</b>	81.39	0 -50	394 -416
		<b>Below Rotary Hrs.</b>	81.75	<b>Percent Slide:</b>	18.61		
<b>Total Drilled:</b>		489.00	<b>Avg. Total ROP:</b>	12.28	<b>Incl. Azimuth</b>		
<b>Total Rotary Drilled:</b>		398.00	<b>Avg. Rotary ROP:</b>	17.24	<b>IN</b>	<b>OUT</b>	
<b>Total Drilled Sliding:</b>		91.00	<b>Avg. Slide ROP:</b>	5.43	2.6	3.2	232.50 247.70
<b>SPP</b>	2758 -2965	<b>Weights</b>	SO 165 -175	<b>PU</b>	200 -200	<b>RAB</b>	186 -186 <b>Reason POOH</b> TD

BIT DATA				MOTOR DATA				Mud Data			
SMITH		Smith QDM7313		6/7mil. 5.0stg. 6 3/4 PDM				Type Invert			
<b>Type Bit</b>		BI-CENTER		Model: XL		Pad OD		WT 13.3		GAS 0 Solids 24	
TFA		1.089		MFG. Multi-Shot		1/8		Vis 46		SAND 0 T° 88	
<b>JETS</b>		13	12	12	12	12	Bend° 1.5		Stator/Rotor		6/7
		15	15	15	0	0	Bit to Bend		5.96		Motor Diff
<b>Bit Coding</b>		IADC#		Rev/GAL		0.28		PV 16		PH 0 Chlor 0	
IR	OR	DL	Loc	BS	G	ODL	NB Stab		0		Motor Diff
0	0						Rotor Jet		0		Motor Diff
<b>Bit Drop:</b>		179 PSI @ 416 GPM		Sensor Offsets				PUMPS		PUMP1	
<b>Comments</b>		Sensor	43	Sonic	0			NAME		China	
		Gamma	39	DNCS	9687			Model		F-1000	
		Restiv	0	GYRO	0			Type			
								Liner		5.50	
								Stroke		10.00	
								Efficiency		95.00	

Expected Motor Yield is 4.7, With Minimal Sliding to keep under 3 deg.  
 Drilled from 9687' to 10176' T.D. POOH Lay Down Motor #67D423 w/40 Drilling Hrs.

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Smith QDM7313	JY3615	2 1/4	8 1/2	1.00	1.00	4 1/2 REGP
2	6/7mil. 5.0stg. 6 3/4 PDM	67D423	2 9/16	6 5/8	26.64	27.64	4 1/2 REGB
3	Float Sub	627609	3 1/2	6 3/8	1.77	29.41	4 1/2 XHB
4	6 1/4 UBHO	650219	3 3/4	6 1/2	2.81	32.22	4 1/2 XHB
5	NMDC	64-30-1045	3 5/16	6 3/8	31.09	63.31	4 1/2 XHB
6	NMDC	62550	3 5/16	6 3/8	31.04	94.35	4 1/2 XHB
7	8 Joints DC	Rigs	3 1/8	6 1/4	243.55	337.90	4 1/2 XHB
8	X-Over	Rigs	2 1/4	6 1/2	2.03	339.93	4 1/2 IFB
9	12jts 5 Spiral	Rigs	3	5	368.22	708.15	4 1/2 IFB
10	Jars	Rigs	2 1/4	6 1/2	31.97	740.12	4 1/2 IFB
11	12jts 5 Spiral	Rigs	3	5	366.99	1107.11	4 1/2 IFB
12	X-Over	Rigs	2 1/4	6 1/4	1.87	1108.98	4 1/2 XHB





Directional Services

### Directional Support Staff

Paul Culbreth	VP of Operations
Chris Keller	Directional Sales Manager
JJ Perkins	Ark-la-Tex Region Sales
Bill Moore	Dallas/Fort Worth Sales
Les West	Rockies Sales
Zack Bray	Appalachian Basin Sales
Carthan Heard	Dir. Operations Manager
Bart Lantis	Northern US Coordinator
Tim McDonald	Northern US Coordinator
Chris Shipp	Southern US Coordinator
Dustin Heard	Southern US Coordinator
Dwight Johnson	Southern US Coordinator
Jesse Shaw	Appalachian Basin Dist Mgr
Cindy Darland	Wellplanning Manager
Allen Slack	Wellplanner
Bianca LaCombe	Wellplanner
Marla Beck	Draftsman
David Stuart	General Manager
Gilbert Villarreal	Motor Operations Manager
Duke Height	Survey Manager
Keith Runnels	MWD Manager
Lynn Holmes	Steering Tool Manager

#### Corporate Headquarters

Conroe, TX 936-441-6655 ph  
936-441-6620 fx

#### Multi-Shot Locations

Baker, MT 406-778-3983 ph  
877-844-9850 watts  
406-778-3982 fx

Casper, WY 307-473-1800 ph  
307-473-1808 fx

Conroe, TX 936-441-6630 ph  
800-769-5988 watts  
936-539-1075 fx

Corpus Christi, TX 361-289-7272 ph  
800-880-7468 watts  
361-289-7320 fx

Dallas, TX 817-870-4847 ph  
817-870-4829 fx

Denver, CO 303-542-1957 ph  
303-542-1958 fx

Fort Worth, TX 817-568-1038 ph  
817-568-1499 fx

Grand Junction, CO 970-257-1911 ph  
970-257-1947 fx

Houston, TX 281-951-4346 ph  
281-951-4342 fx

Odessa, TX 432-339-0360 ph  
Tyler, TX 903-520-9887 ph  
903-839-3636 fx

Washington, PA 724-222-9650 ph  
724-222-9656 fx

#### Corporate

2507 North Frazier Suite 215 • Conroe, Texas 77303  
P.O. Box 3047 • Conroe, Texas 77305-3047  
Office: (936) 441-6655 • Fax: (936) 441-6620

#### Operations

2511 North Frazier • Conroe, Texas 77301  
Office: (936) 441-6630 • Watts: (800) 769-5988 • Fax: (936) 539-1075

[www.multi-shotllc.com](http://www.multi-shotllc.com)

<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> ML 48144	

<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>  _____
--	--

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> STATE 16-42
------------------------------------	--

<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019316050000
---	---

<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> WILDCAT
---	--	---

<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2108 FNL 0559 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E 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"/> 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"/> 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 type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION  OTHER: Bird netting
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/2/2009			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Fidelity installed bird netting across the reserve pit on State 16-42  
10/2/2009.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 06, 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> 10/5/2009	

<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> ML 48144
<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>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> STATE 16-42
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019316050000
<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 FOOTAGES AT SURFACE:</b> 2108 FNL 0559 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT  <b>COUNTY:</b> GRAND  <b>STATE:</b> UTAH

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

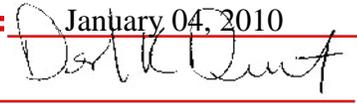
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/7/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> 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 checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____

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

Fidelity would like to request permission to plugback referenced well in preparation of future horizontal lateral. See attached Procedure.

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

**Date:** January 04, 2010

**By:** 

<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> 12/31/2009

**Procedure:**

1. MIRU
2. ND well head and NU BOP
3. Release packer
4. POOH with 2 7/8" tubing and Packer
5. TIH with CIBP and set at 9700'
6. Reverse circulate oil out of hole
7. POOH with tubing
8. TIH with 2nd CIBP set at 9650'
9. Circulate 25 sacks (100 feet) of class G cement on top of CIBP
10. POOH with Tubing
11. SDFN
12. TIH with bit
13. Tag top of cement
14. Make sure well has 100 feet of cement on top of CIBP
15. POOH and LD tubing
16. RD

<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> ML 48144
<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>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> STATE 16-42
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019316050000
<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 FOOTAGES AT SURFACE:</b> 2108 FNL 0559 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT  <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: 1/20/2010	<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 type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Rentry-Horizontal leg"/>

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

Due to the lack of production in economic quantities at the original TD. The original well bore will be plugged back to 9550'. It is hereby proposed to re-enter the Paradox 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 7250'. A target TVD of 9748.1 at an azimuth of 303.92 degrees is anticipated with MD 12184.5'. The actual directional program may be altered as dictated by hole conditions. Surface location- Section 16, T22S R17E, 2108' FNL, 559' FEL Projected Bottom hole location - Section 16, T22S R17E, 670' FNL, 2302.4' FWL Fidelity is also requesting permission to build a 45' X 45' cuttings pit on the south west end of the current reserve pit.

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

**Date:** January 20, 2010

**By:**

<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> 1/8/2010	

Well name: **43019316050000 Fidelity UT ST 16-42**  
 Operator: **Fidelity**  
 String type: **Production**  
 Location: **Grand County**  
 Project ID: **43-019-31605-0000**

**Design parameters:**

**Collapse**

Mud weight: 17.500 ppg  
 Internal fluid density: 2.330 ppg

**Burst**

Max anticipated surface pressure: 6,707 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 8,848 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 7,194 ft

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 211 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 7,022 ft

**Directional Info - Build & Hold**

Kick-off point: 9021 ft  
 Departure at shoe: 714 ft  
 Maximum dogleg: 8.05 °/100ft  
 Inclination at shoe: 89.59 °

*Handwritten notes:*  
 → 200 sx CIG  
 1.2 CFISK  
 @ 0.8  
 washout  
 ∴ See  
 condition  
 @ btm  
 of page.  
 DCD

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10141	7.625	39.00	P-110	VAM FJL	9733	10141	6.5	2427.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	7670	11080	1.445	8848	12620	1.43	281	913	3.25 J

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

*From Dx Survey:*  
 Proposed TD: 12184' MD, 9748' TVD ✓  
 Proposed BHL: 670' FNL, 2302' FWL ✓

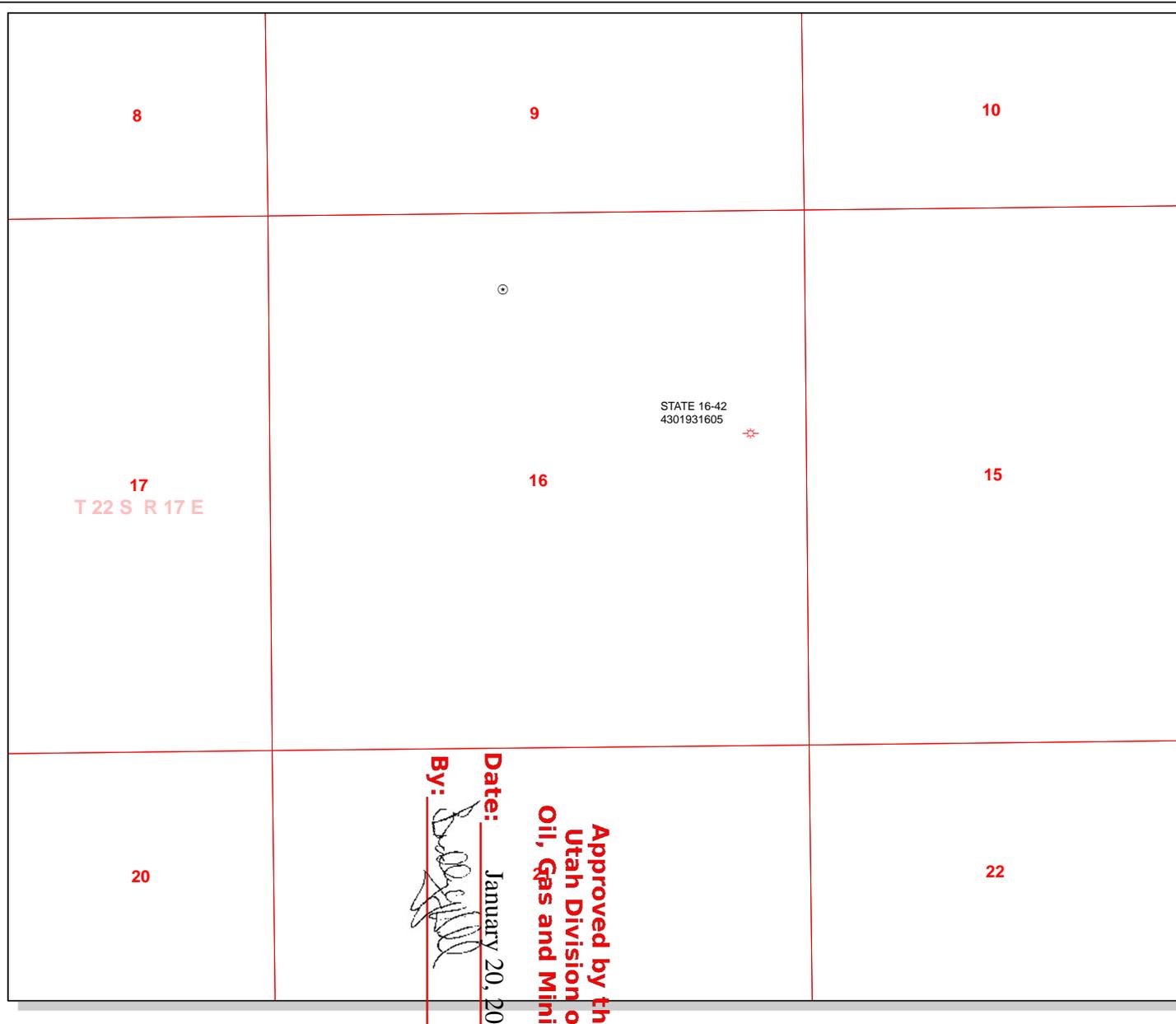
Date: January 20, 2010  
 By: [Signature]

Prepared by: **Dustin K. Doucet**  
 Div of Oil, Gas & Mining

Phone: 801-538-5280  
 FAX: 801-359-3940

Date: **January 12, 2010**  
 Salt Lake City, Utah

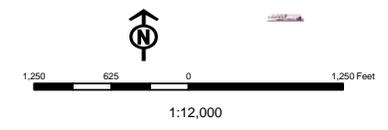
Condition: 7 5/8" casing will require a minimum of 200 sx of cement to bring cement back to TOL.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Collapse is based on a vertical depth of 9733 ft, a mud weight of 17.5 ppg. An internal gradient of .121 psi/ft was used for collapse from TD.  
 Burst strength is not adjusted for tension.  
 Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a



**API Number: 4301931605**  
**Well Name: STATE 16-42**  
**Township 22.0 S Range 17.0 E Section 16**  
**Meridian: SLBM**  
 Operator: FIDELITY E&P COMPANY

Map Prepared:  
 Map Produced by Diana Mason

- |               |                                      |
|---------------|--------------------------------------|
| <b>Units</b>  | <b>Wells Query</b>                   |
| <b>STATUS</b> | ✕ -all other values-                 |
| ACTIVE        | ◆ APD - Approved Permit              |
| EXPLORATORY   | ○ DRL - Spudded (Drilling Commenced) |
| GAS STORAGE   | ⚡ GW - Gas Injection                 |
| NF PP OIL     | ⚡ GS - Gas Storage                   |
| NF SECONDARY  | ✕ LA - Location Abandoned            |
| PI OIL        | ⊕ LOC - New Location                 |
| PP GAS        | ⊕ OPS - Operation Suspended          |
| PP GEOTHERML  | ⊕ PA - Plugged Abandoned             |
| PP OIL        | ⊕ PGW - Producing Gas Well           |
| SECONDARY     | ● POW - Producing Oil Well           |
| TERMINATED    | ● RET - Returned APD                 |
| <b>Fields</b> | ⚡ SGW - Shut-in Gas Well             |
| Unknown       | ● SOW - Shut-in Oil Well             |
| ABANDONED     | ⚡ TA - Temp. Abandoned               |
| ACTIVE        | ○ TW - Test Well                     |
| COMBINED      | ⚡ WDW - Water Disposal               |
| INACTIVE      | ⚡ WWI - Water Injection Well         |
| STORAGE       | ● WSW - Water Supply Well            |
| TERMINATED    |                                      |
| Sections      |                                      |
| Township      |                                      |



**Approved by the  
 Utah Division of  
 Oil, Gas and Mining**  
 Date: January 20, 2010  
 By: *[Signature]*



Exploration & Production Company

January 7, 2010

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

Re: Directional Drilling R649-3-11

**State 16-42** -Section 16, 2108' FNL, 559' FEL (Surface)

Section 16, 670' FNL, 2302.4' FWL (Bottom hole)

Grand County, Utah

Dear Diana Mason,

Pursuant to the filing of a sundry for permission to re-enter the above referenced well on January 20, 2010. We are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the location and sitting of the well.

- It is proposed at that time to re-drill the Paradox horizontally as per the attached directional program. This is a State of Utah lease ML-48144. That Fidelity anticipates the kick off point of approximately 7250' TVD; a target TVD at an azimuth of 303.92 degrees is anticipated. The actual directional program maybe altered as dictated by hole conditions.
- Furthermore Fidelity Exploration and Production Company hereby certify that we are the sole working interest owner within 660 feet of the entire directional well bore.

Therefore, based on the above stated information Fidelity Exploration and Production Company request the permit be granted pursuant to R649-3-11.

Respectfully submitted,

Stephanie Masters  
Operations Technician III  
Fidelity Exploration & Production Company

2585 Heartland Drive  
Sheridan, WY 82801

Phone: 307.672.7111

Fax: 307.673.6850

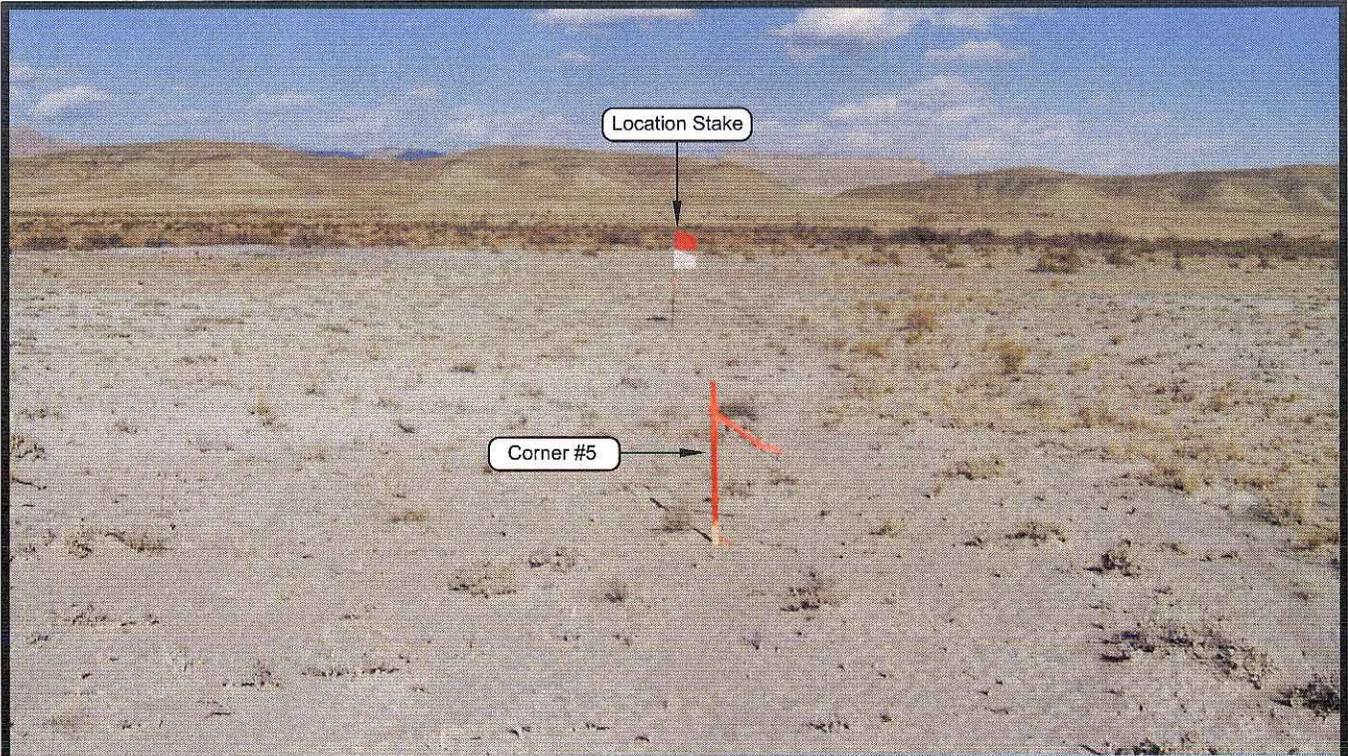


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

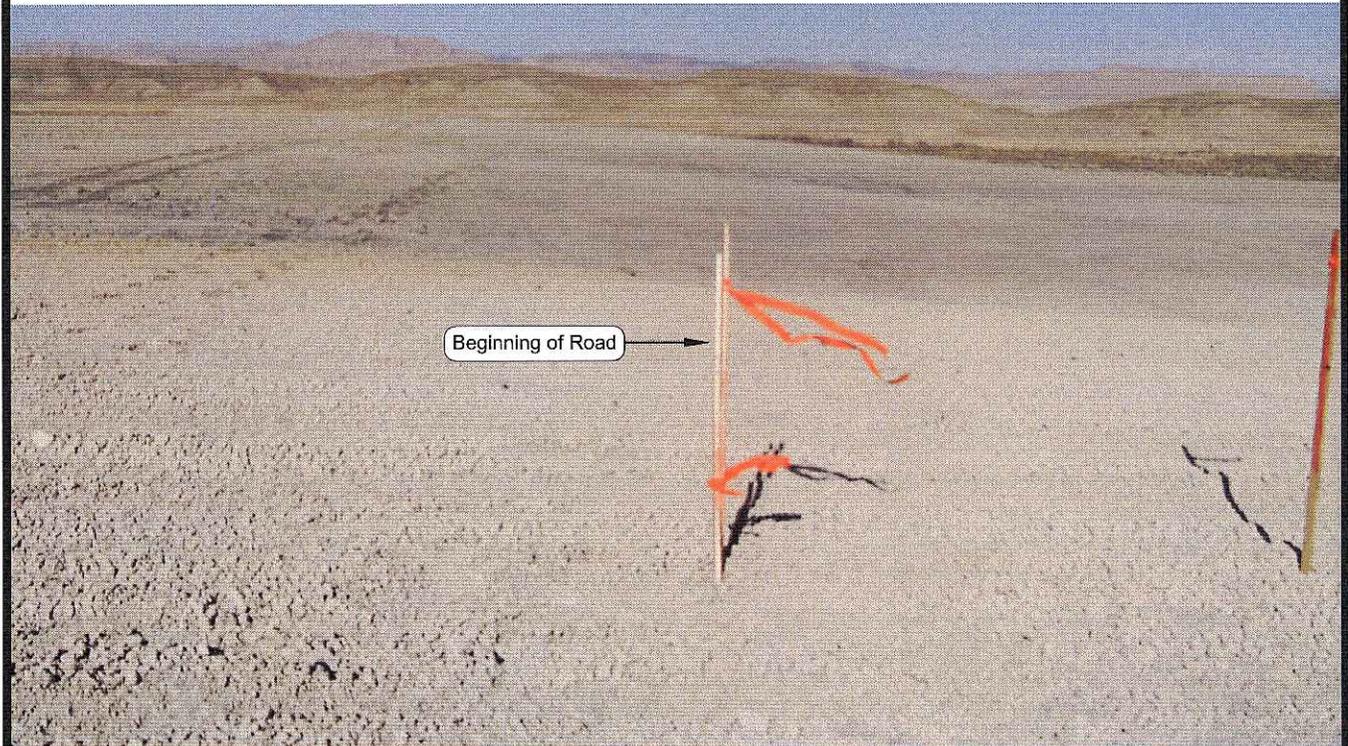


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHEASTERLY

**FIDELITY EXPLORATION & PRODUCTION CO.**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL (Surface)**

**LOCATION PHOTOS**

TAKEN BY: B.J.S.

DRAWN BY: M.W.W.

DATE TAKEN: 10-21-08

DATE DRAWN: 10-24-08

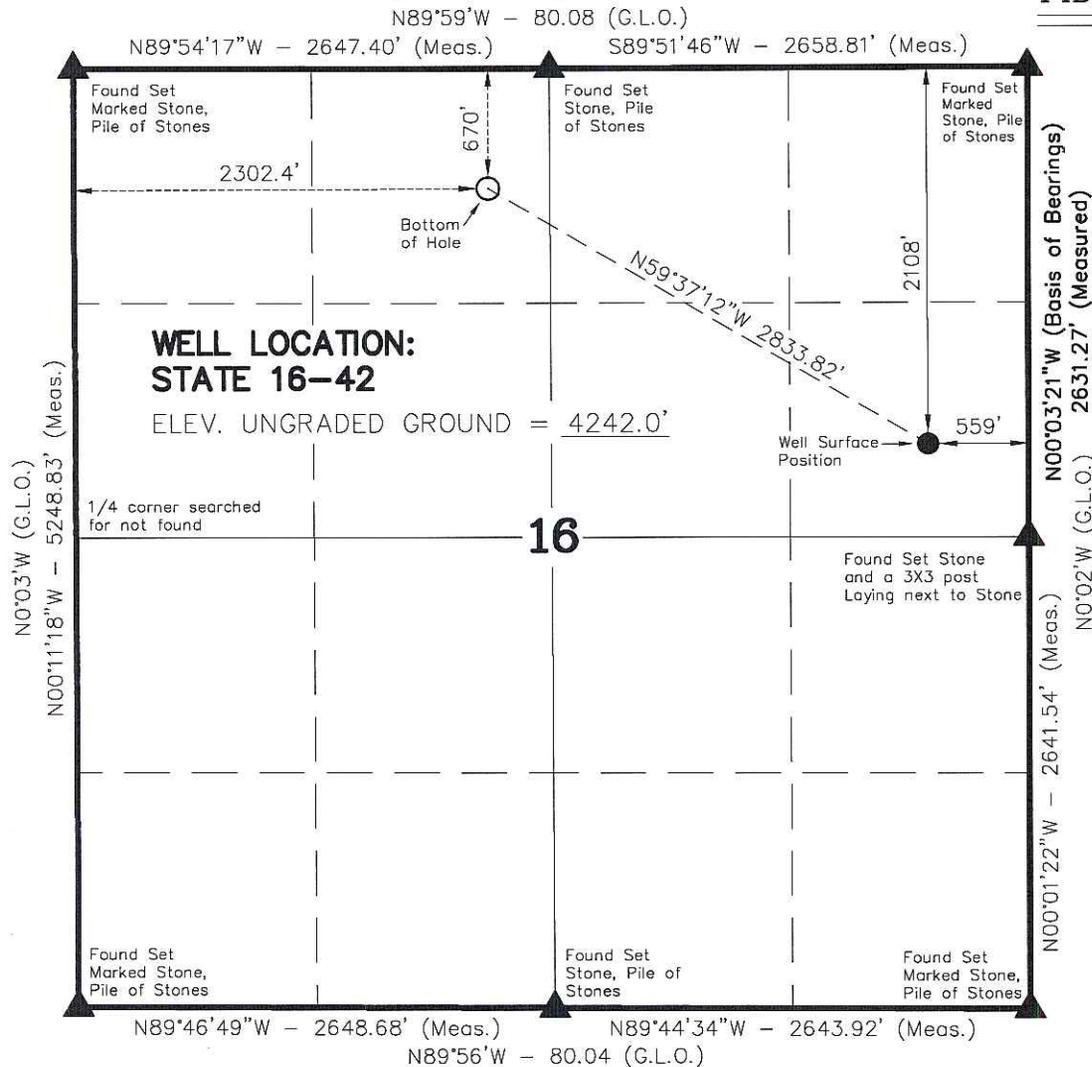
REVISED: 12-31-09 M.W.W.

*Timberline* (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

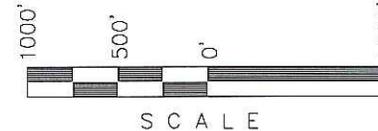
SHEET  
**1**  
 OF 10

# T22S, R17E, S.L.B.&M.

FIDELITY EXPLORATION & PRODUCTION CO.



WELL LOCATION, STATE 16-42,  
LOCATED AS SHOWN IN THE NE 1/4  
NW 1/4 OF SECTION 16, T22S, R17E,  
S.L.B.&M. GRAND COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.
4. BASIS OF ELEVATION IS A SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 2, T22S, R17E, S.L.B.&M. THE ELEVATION OF THIS SECTION CORNER IS SHOWN ON THE GREEN RIVER NE 7.5 MIN. QUADRANGLE AS BEING 4401'.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES, OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John R. Slough  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 6028691  
 STATE OF UTAH

▲ = SECTION CORNERS LOCATED

**STATE 16-42 (Bottom Hole)**  
 NAD 83 Autonomous  
 LATITUDE = 38° 54' 11.98"  
 LONGITUDE = 110° 03' 06.39"  
 NAD 27 Autonomous  
 LATITUDE = 38° 54' 12.07"  
 LONGITUDE = 110° 03' 03.92"

**STATE 16-42 (Surface Position)**  
 NAD 83 Autonomous  
 LATITUDE = 38° 53' 57.83"  
 LONGITUDE = 110° 02' 35.46"  
 NAD 27 Autonomous  
 LATITUDE = 38° 53' 57.92"  
 LONGITUDE = 110° 02' 32.99"

<b>TIMBERLINE</b> (435) 789-1365		<b>SHEET</b> <b>2a</b> <b>OF 10</b>
ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078		
DATE SURVEYED: 10-21-08	SURVEYED BY: B.J.S.	
DATE DRAWN: 10-23-08	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised: 01-12-10 M.W.W.	

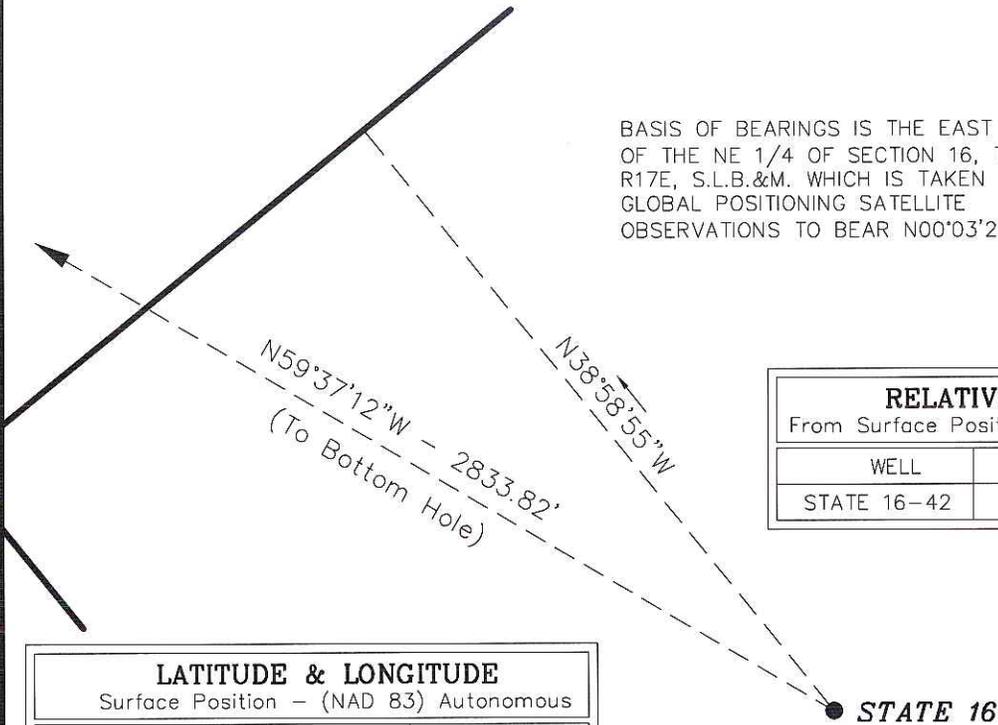
RECEIVED January 08, 2010

# FIDELITY EXPLORATION & PRODUCTION CO.

## WELL PAD INTERFERENCE PLAT STATE 16-42



BASIS OF BEARINGS IS THE EAST LINE OF THE NE 1/4 OF SECTION 16, T22S, R17E, S.L.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°03'21"W.



RELATIVE COORDINATES		
From Surface Position to Bottom Hole		
WELL	NORTH	EAST
STATE 16-42	1,433'	-2,445'

LATITUDE & LONGITUDE		
Surface Position - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
STATE 16-42	38°53'57.83"	110°02'35.46"

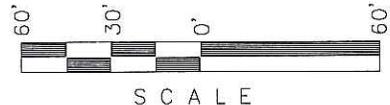
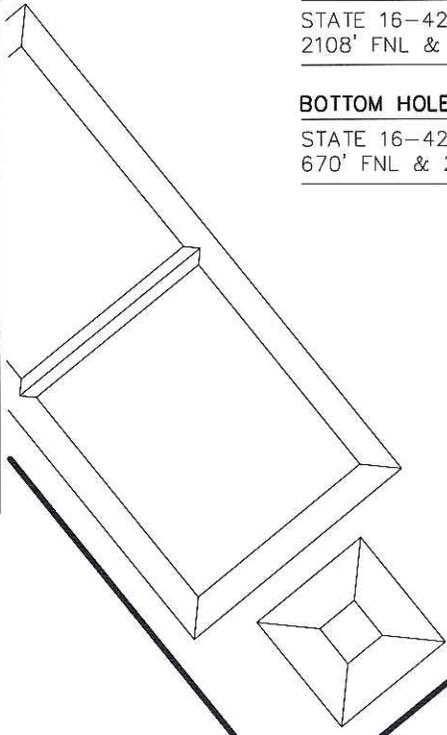
LATITUDE & LONGITUDE		
Surface Position - (NAD 27) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
STATE 16-42	38°53'57.92"	110°02'32.99"

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 83) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
STATE 16-42	38°54'11.98"	110°03'06.39"

LATITUDE & LONGITUDE		
Bottom Hole - (NAD 27) Autonomous		
WELL	N. LATITUDE	W. LONGITUDE
STATE 16-42	38°54'12.07"	110°03'03.92"

**SURFACE POSITION FOOTAGES:**  
STATE 16-42  
2108' FNL & 559' FEL

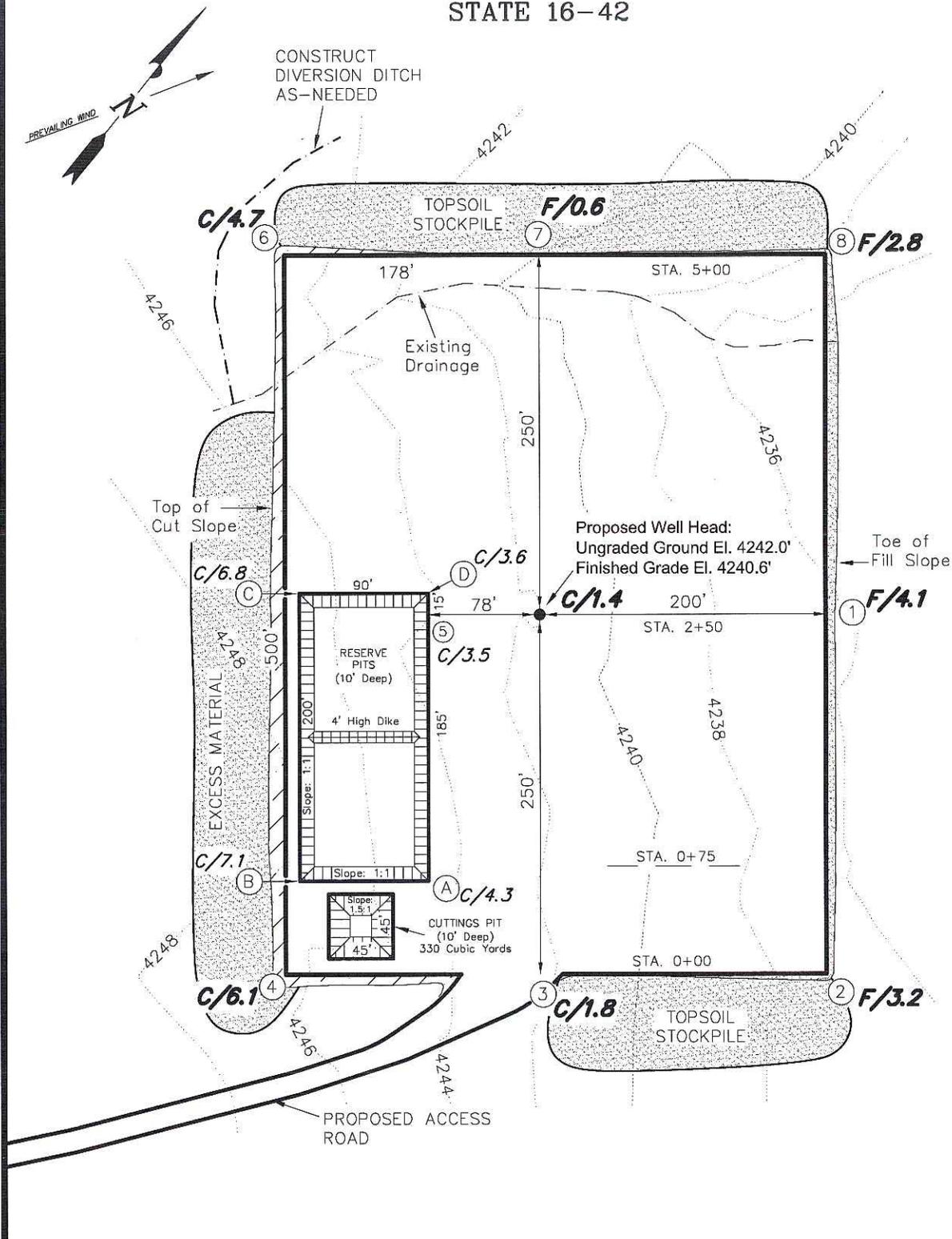
**BOTTOM HOLE FOOTAGES**  
STATE 16-42  
670' FNL & 2302.4' FWL



Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE (Surface)		<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 209 NORTH 300 WEST VERNAL, UTAH 84078	SHEET <b>2b</b> OF 10
Date Surveyed: 10-21-08	Date Drawn: 01-04-10	Date Last Revision: 01-12-10 M.W.W.			
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 60'			

# FIDELITY EXPLORATION & PRODUCTION CO.

## CUT SHEET STATE 16-42



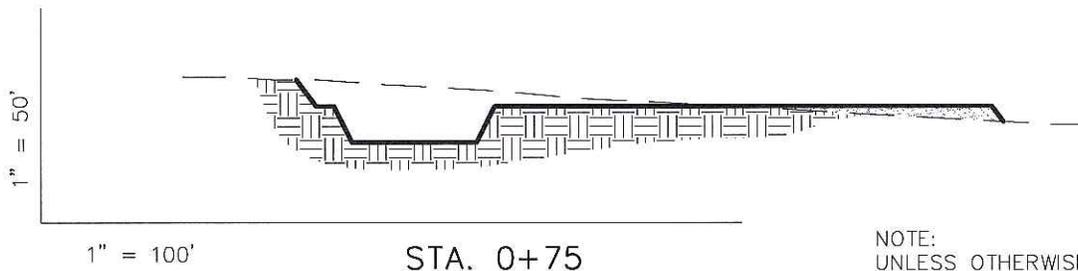
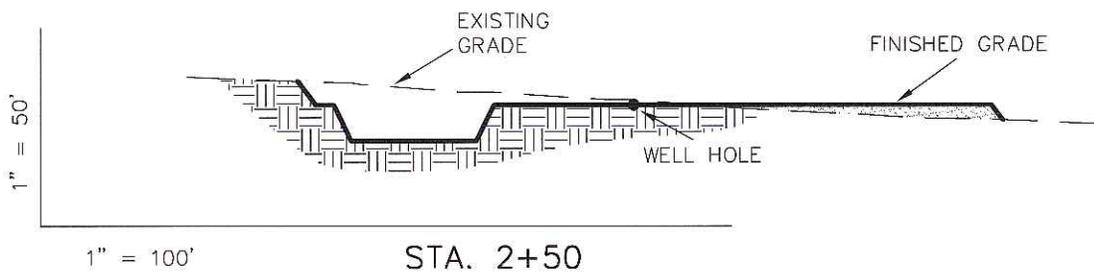
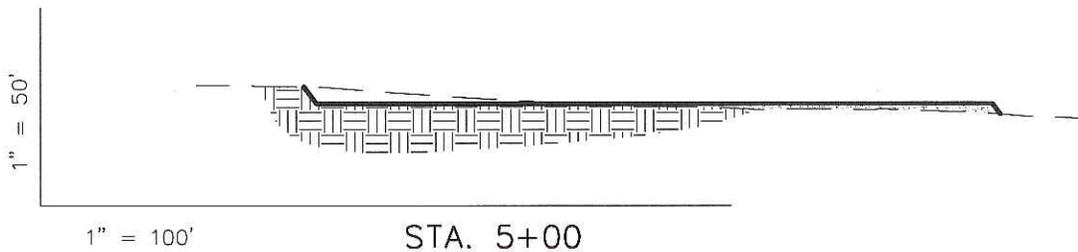
CONTOUR INTERVAL = 2'

Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE (Surface)	
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision: 12-31-09 M.W.W.	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 209 NORTH 300 WEST VERNAL, UTAH 84078
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'	
			SHEET <b>3</b> OF 10

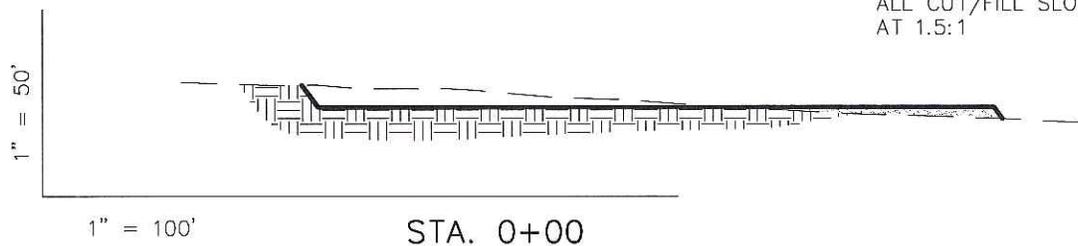
# FIDELITY EXPLORATION & PRODUCTION CO.

## CROSS SECTIONS

STATE 16-42



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1



### REFERENCE POINTS

250' NORTHEASTERLY = 4235.4'  
300' NORTHEASTERLY = 4234.6'  
300' NORTHWESTERLY = 4241.2'  
350' NORTHWESTERLY = 4241.8'

### ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

CUT	Excess Material = 9,090
6" Topsoil Stripping = 3,500	Topsoil & Pit Backfill = 9,090
Remaining Location = 15,990	(Full Pit Volume)
<b>TOTAL CUT = 19,490</b>	Excess Unbalance = 0
<b>FILL = 10,400</b>	(After Rehabilitation)

Section 16, T22S, R17E, S.L.B.&M.

Qtr/Qtr Location: SE NE (Surface)

Date Surveyed:  
10-21-08

Date Drawn:  
10-23-08

Date Last Revision:  
12-31-09 M.W.W.

**Timberline**

(435) 789-1365

SHEET  
4

Surveyed By: B.J.S.

Drawn By: M.W.W.

Scale: 1" = 100'

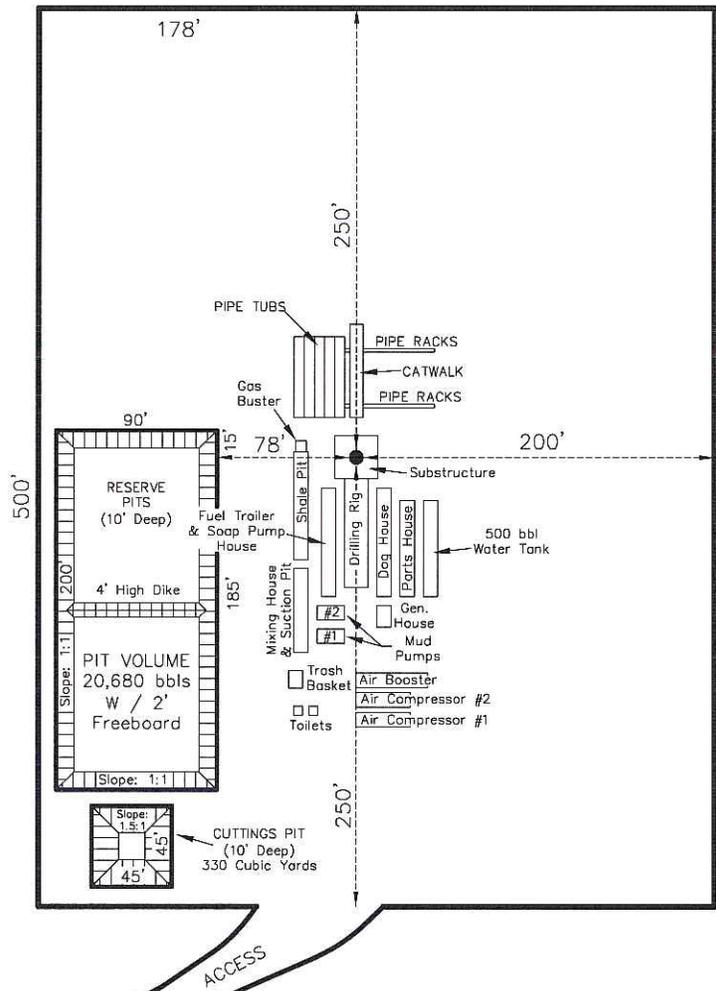
Engineering & Land Surveying, Inc.

209 NORTH 300 WEST VERNAL, UTAH 84078

OF 10

# FIDELITY EXPLORATION & PRODUCTION CO.

## TYPICAL RIG LAYOUT STATE 16-42

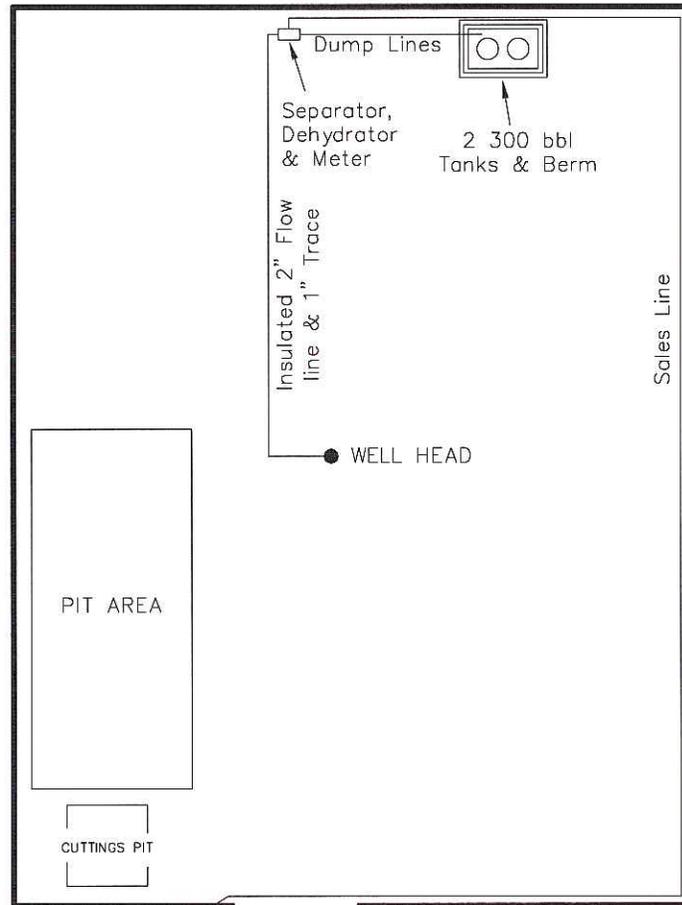


Section 16, T22S, R17E, S.L.B.&M.   Qtr/Qtr Location: SE NE (Surface)			<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 209 NORTH 300 WEST VERNAL, UTAH 84078	SHEET <b>5</b> OF 10
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision: 12-31-09 M.W.W.		
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'		

RECEIVED January 08, 2010

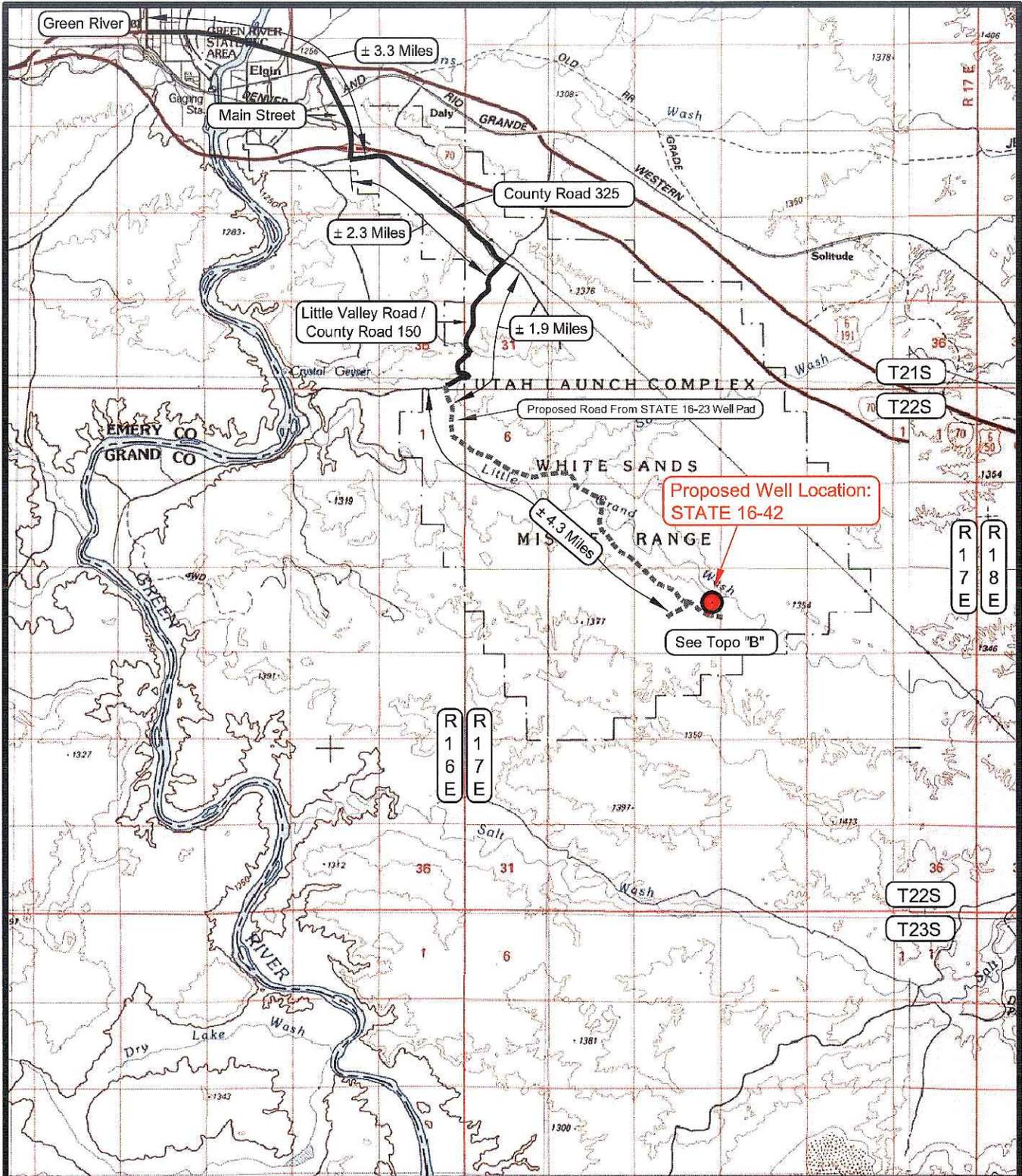
# FIDELITY EXPLORATION & PRODUCTION CO.

## TYPICAL PRODUCTION LAYOUT STATE 16-42



Section 16, T22S, R17E, S.L.B.&M.		Qtr/Qtr Location: SE NE (Surface)		<b>Timberline</b> <small>(435) 789-1365</small> <i>Engineering &amp; Land Surveying, Inc.</i> 209 NORTH 300 WEST VERNAL, UTAH 84078	SHEET <b>6</b> OF 10
Date Surveyed: 10-21-08	Date Drawn: 10-23-08	Date Last Revision: 12-31-09 M.W.W.			
Surveyed By: B.J.S.	Drawn By: M.W.W.	Scale: 1" = 100'			

**RECEIVED** January 08, 2010



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER

**TOPOGRAPHIC MAP "A"**

SCALE: 1:100,000      DRAWN BY: M.W.W.

DATE SURVEYED: 10-21-08

DATE DRAWN: 10-24-08

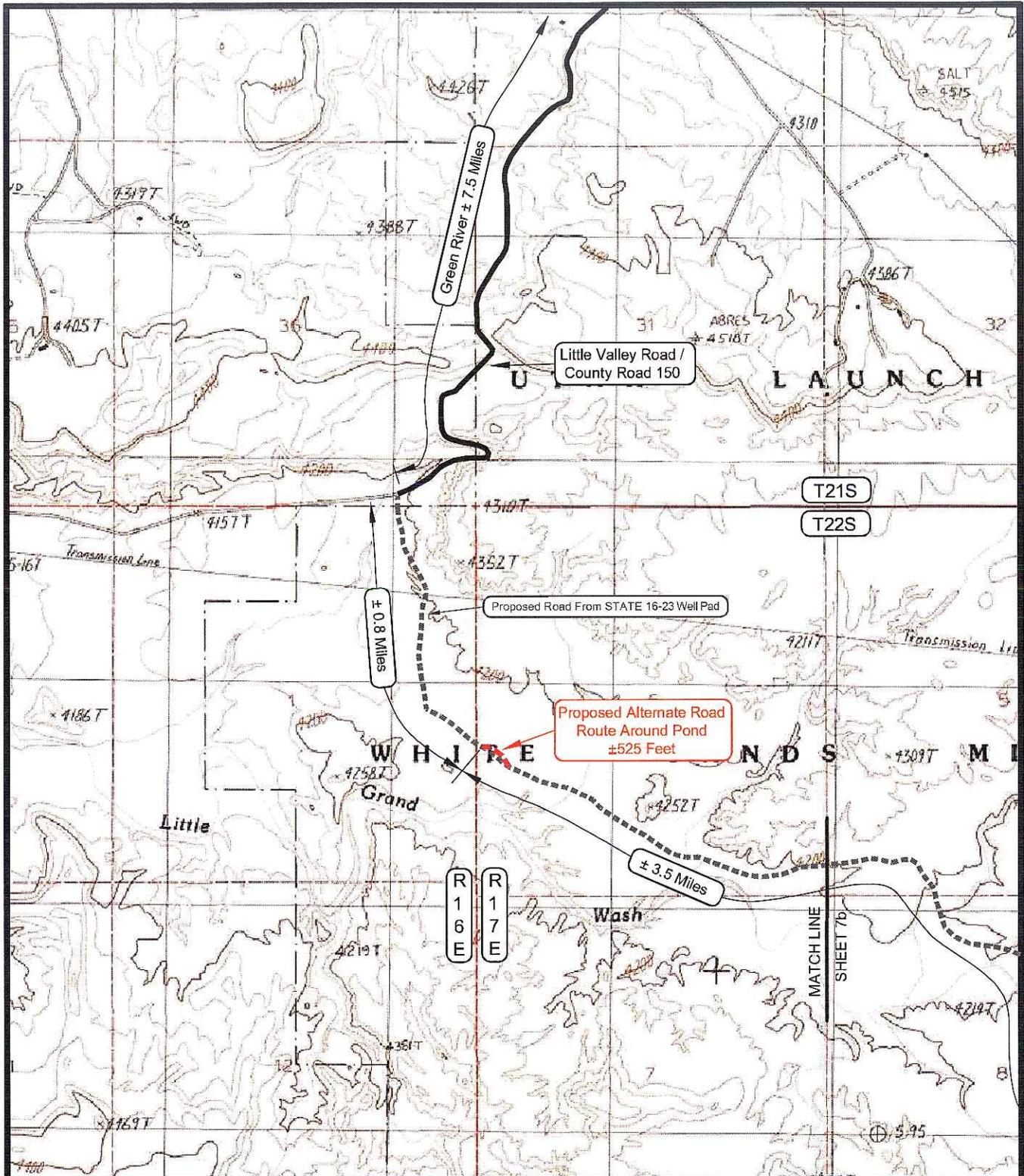
REVISED: 01-04-10 M.W.W.

**FIDELITY EXPLORATION & PRODUCTION CO.**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL (Surface)**

**Timberline** (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

**SHEET**  
**7**  
**OF 10**



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

**TOPOGRAPHIC MAP "B"**

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 10-21-08

DATE DRAWN: 10-24-08

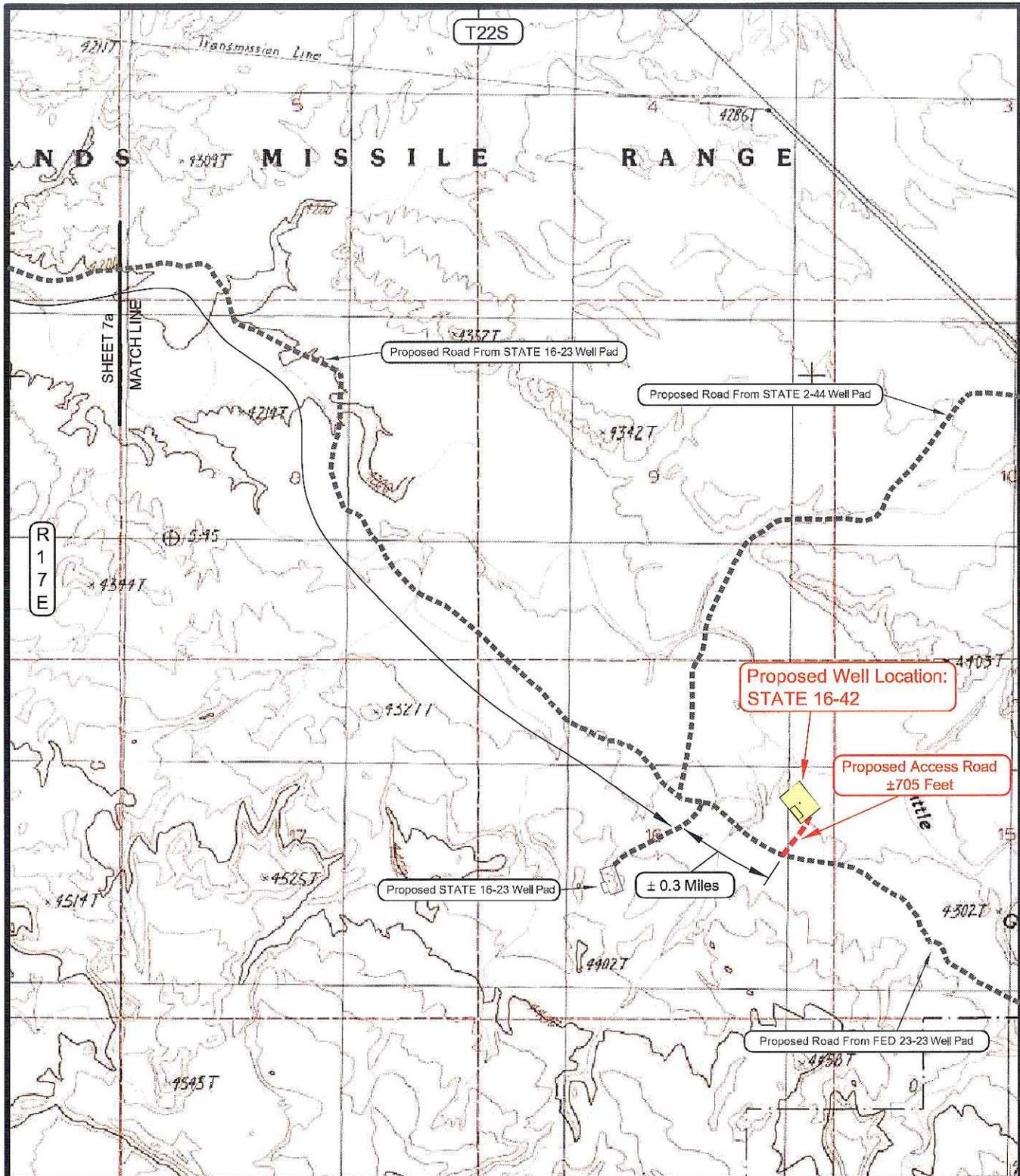
REVISED: 01-04-10 M.W.W.

**FIDELITY EXPLORATION & PRODUCTION CO.**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL (Surface)**

**Timberline** (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

**SHEET**  
**8a**  
**OF 10**



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- = LEASE LINE AND / OR PROPERTY LINE

**TOPOGRAPHIC MAP "B"**

SCALE: 1" = 2000' DRAWN BY: M.W.W.

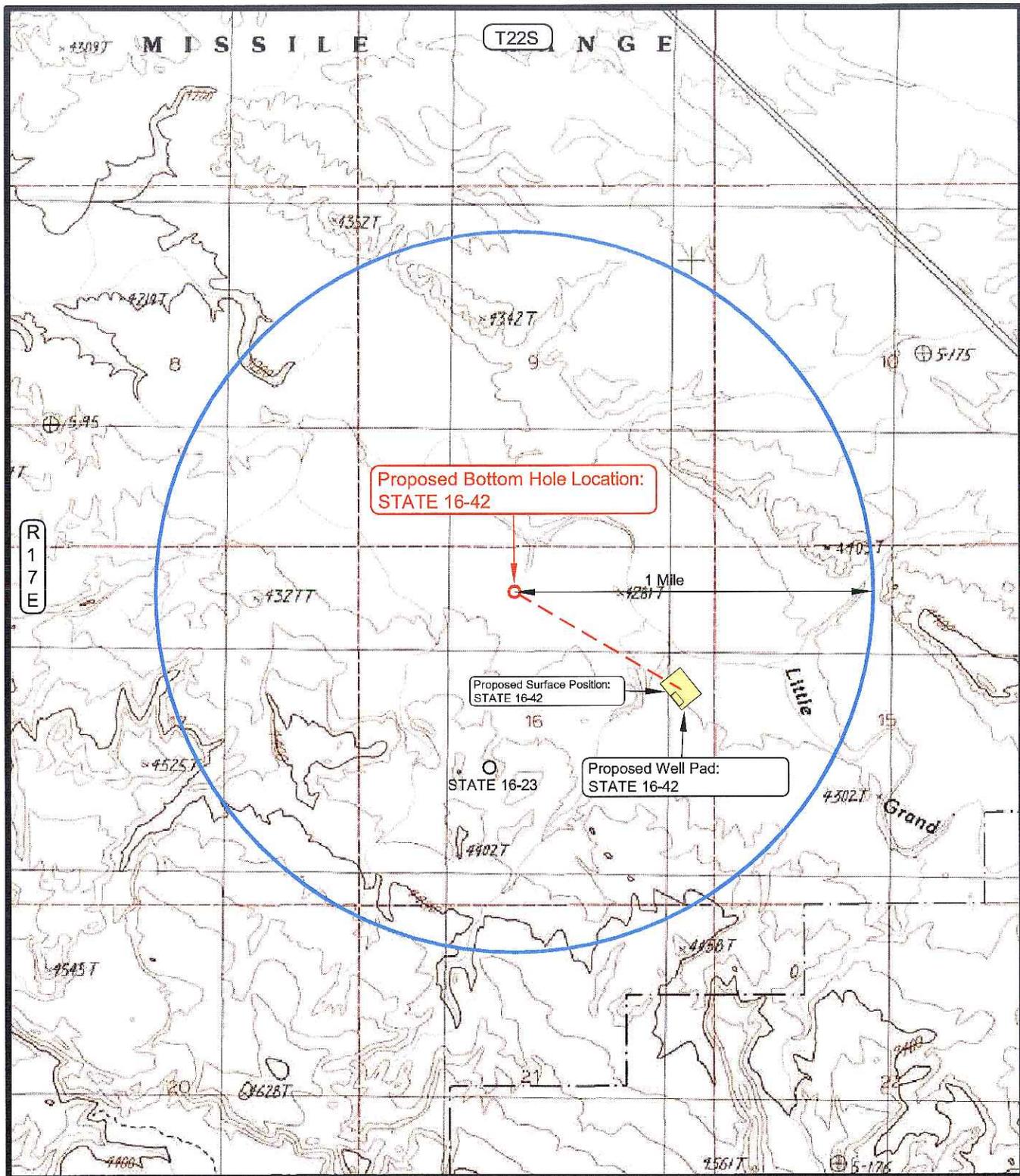
DATE SURVEYED: 10-21-08  
 DATE DRAWN: 10-24-08  
 REVISED: 01-04-10 M.W.W.

**FIDELITY EXPLORATION & PRODUCTION CO.**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL (Surface)**

**Timberline** (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

**SHEET**  
**8b**  
**OF 10**



**LEGEND**

- ∅ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ∅ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊕ = ABANDONED LOCATION

**FIDELITY EXPLORATION & PRODUCTION CO.**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**670' FNL & 2302.4' FWL (Bottom Hole)**

**TOPOGRAPHIC MAP "C"**

DATE SURVEYED: 10-21-08

DATE DRAWN: 10-24-08

SCALE: 1" = 2000'

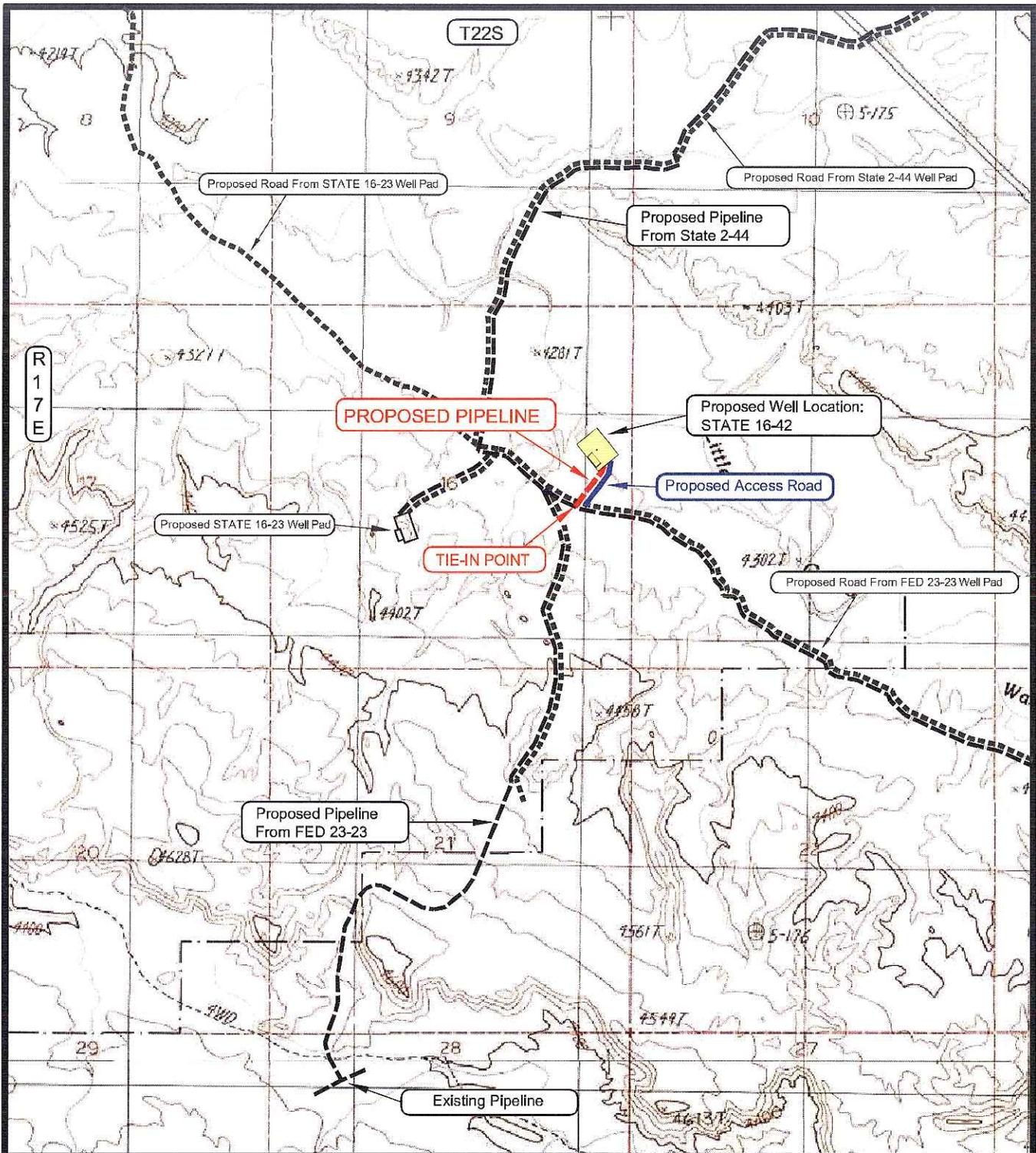
DRAWN BY: M.W.W.

REVISED: 01-12-10 M.W.W.

**Timberline**

(435) 789-1365  
 Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

SHEET  
**9**  
 OF 10



**APPROXIMATE PIPELINE LENGTH = ±690 FEET**

**LEGEND**

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = LEASE LINE AND / OR PROPERTY LINE

**TOPOGRAPHIC MAP "D"**

DATE SURVEYED: 10-21-08

DATE DRAWN: 10-24-08

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

REVISED: 01-04-10 M.W.W.

**FIDELITY EXPLORATION & PRODUCTION CO.**

**STATE 16-42**  
**SECTION 16, T22S, R17E, S.L.B.&M.**  
**2108' FNL & 559' FEL (Surface)**

**Timberline**

(435) 789-1365

Engineering & Land Surveying, Inc.  
 209 NORTH 300 WEST VERNAL, UTAH 84078

**SHEET**  
**10**  
**OF 10**

9

17

16

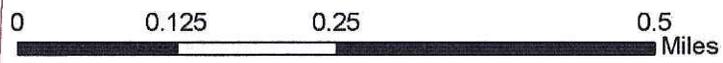
**22S-17E**

State 16-42

15

20

21



**Map Symbols**

	660" buffer of well bore		Well Bore
	Surface Location		FIDELITY STATE LEASE
	Bottom Hole		

**FIDELITY EXPLORATION & PRODUCTION CO.**

**DRILLING PLAN  
For APD**

**Well Name: State 16-42**

**Surf Loc: SENW, 2108' FNL & 559' FEL Section 16, T22S, R17E**

**(NAD27) Latitude: 38.899397 & Longitude: -109.043183**

**Btm.Hole Loc:**

**Latitude: 38.903353 & Longitude: -110.050106**

**Grand County, Utah**

1. **Geologic Information**

Geologic Surface Formation: Wingate Sand  
Ground Level 4242.  
TD 11786.7 MD/9736.9 TVD

The expected bottom pressure is 8,000 psi based on a 15.8 ppg equivalent pore pressure gradient at 9737' TVD.

Normal pressures and temperatures consistent with offset wells are anticipated.

2. (A) Fresh Water zones are cased off in the existing well.

3. **The Type and Characteristics of the Proposed Circulating Muds:**

There will be sufficient mud materials on site to displace the hole at any time.

DEPTH	TYPE	WEIGHT Lbs./GAL	VISCOSITY SEC/QT	FLUID LOSS CC
KOP – TD	Oil Base Mud System	13.0 – 15.8	50	6-8

4. **The Operator's Minimum Specifications for Pressure Control:**

Fidelity Exploration & Production Co. Minimum specifications for pressure control equipment are as follows:

Please see the Blowout Prevention Equipment Diagrams to be used within this program for this well plan.

The BOP stack will consist of a 5000# W.P. Annular & 10,000# W.P. triple ram type preventer as shown in attached diagram from intermediate casing point to total depth.

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 decline in pressure of more than 10 percent in 10 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 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.

As a minimum, the above test shall be performed:

- a. When initially installed;
- b. Whenever any seal subject to test pressure is broken;
- c. Following related repairs; and
- d. At 30-day intervals

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.

Pipe and blind rams shall be activated each trip; however, this function need not be performed more than once a day.

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

The BOP and related equipment shall meet the minimum Requirements State of Utah, Division of Oil, Gas, and Mining rules and regulations for Blowout preventers 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 State Field Inspector representative upon request.

BOP system shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The location of hydraulic controls will be at the accumulator and on the rig floor.

**The Utah Division of Oil, Gas and Mining office (801-538-5340) shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a Utah Division of Oil, Gas, and Mining representative on location during pressure testing.**

- a. 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.
- b. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- c. 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.

**5. The Proposed Casing and Cementing Programs:**

HOLE SIZE	SETTING DEPTH (INTERVAL)	SECTION LENGTH	SIZE (O.D.)	WEIGHT, GRADE & JOINT	NEW/ USED
17-1/2"	0 – 1,500'	1,500'	13-3/8 "	54.5 #/ft, J-55, ST&C	New
12-1/4"	0-7215	5,715	9-5/8"	40 #/ft, HCL-80, LT&C	New
9 1/2"	0 – 10,176	4,461	7"	52.97# Q125 & 41#P 110 LTC Pull 7350'	New
All above are existing					
8 1/2"	Approx 7300-10142	2927	7 5/8"	39# P-110 FJ	New
6 1/8"	10142-12142	2000	4 1/2	113.5# P110 LTC	New

### **Cement Program:**

The surface, intermediate, and production casing strings are all existing. The 7" will be pulled below the 9 5/8". The 7 5/8" casing will be run from 7000' to 10142. Casing will be cemented from the end of the curve back to the liner top, which is planned to have 200' of overlap inside of the existing 7" casing. (volume is minimum to be pumped, and calculated with TD of 10124). 100 sacks "Class G" cement, or equivalent, with additives (Yield 1.2 cf/sack, wt. 15.6 #/gal).

**Production Liner:** 4-1/2" casing @ TD. Slotted in the lateral, with an casing hanger.

The actual cement volumes and additives will be determined on the basis of logs (caliper log), drilling hole conditions, and field blend testing to confirm thickening, pumping time.

The following shall be entered in the driller's log:

- (1) Casing run, including size, grade, weight, and depth set;
- (2) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cement float equipment, etc.;

### **6. Evaluation Program**

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

A.. No drill stem test is anticipated in this well bore. However, if a DST's are run, the following guidelines 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 DST's 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, or displaced into the formation prior to pulling the test tool. This would involve providing 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 well bore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

B. Electric Logs / Coring Program:

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

a. A near bit gamma ray LWD log will be obtained over the curve and lateral. Additional LWD logs are being evaluated at this time.

- b. No electric wireline logs are planned.
- c. No coring is anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" will be submitted not later than 30 days after completion of the well or after completion of operations being performed. Two copies of all logs, core descriptions, core analysis, 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. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The mud loggers will be on the well at from kick off point to TD.

7. **Anticipated Pressure & H2S**

- a. Estimated bottom hole pressure to be 5,170 psig.
- b. No hydrogen sulfide gas is anticipated, however if H2S is encountered, the following items will be done.
  - 1. Gas detecting equipment shall be installed in the mud return system for exploratory wells or wells where abnormal pressure is anticipated, and hydrocarbon gas shall be monitored for pore pressure changes.
  - 2. Any unconfined gas, which exceeds 20 ppm H2S gas, produced during testing or swabbing must be separated and flared. There must be a pilot light on all sour gas flares to insure continuous ignition.
  - 3. Warning signs must be placed at appropriate entrances onto drilling pad area or facilities for H2S.
  - 4. Proper breathing apparatus must be available and used when working in an H2S environment exceeding 20 ppm.
  - 5. A wind sock will be placed on the tank battery as to be visible from everywhere on the location.
  - 6. All safety equipment will be installed and working prior to entering hydrogen sulfide zones.
  - 7. All flare system shall be designed to gather and burn all gas. The flare line(s) discharge shall be located not less than 100 feet from the wellhead, having straight lines unless turns are targeted with running tees, and shall be positioned downwind of the prevailing wind direction and shall be anchored. The flare system shall have an effective method for ignition. Where noncombustible gas is likely or expected to be vented, the system shall be provided supplemental fuel for ignition and to maintain a continuous flare.

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exists; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Fidelity Exploration & Production Company's BLM bond (CO1345). These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Harvey Dunham 1/6/10

Harvey Dunham –Asset Team Manager Southern Rockies

Fidelity Exploration & Production Company  
1700 Lincoln, suite 2800  
Denver, Colorado 80202  
720-956-5769 (direct line)  
[harvey.dunham@fidelityepco.com](mailto:harvey.dunham@fidelityepco.com)

Company: Fidelity  
 Field: Grand Co., UT  
 Location: Sec.16-T22S-R17E  
 Well: State 16-42  
 Wellbore #1  
 Plan: Plan #1 (State 16-42/Wellbore #1)

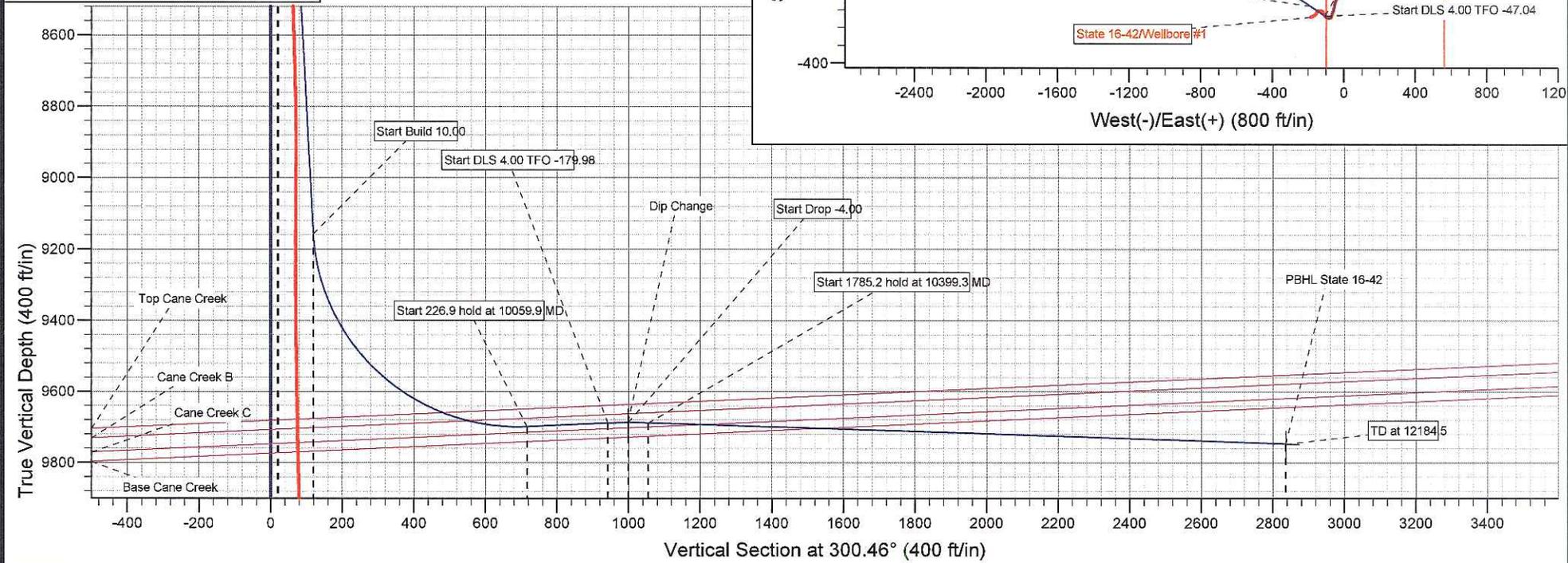
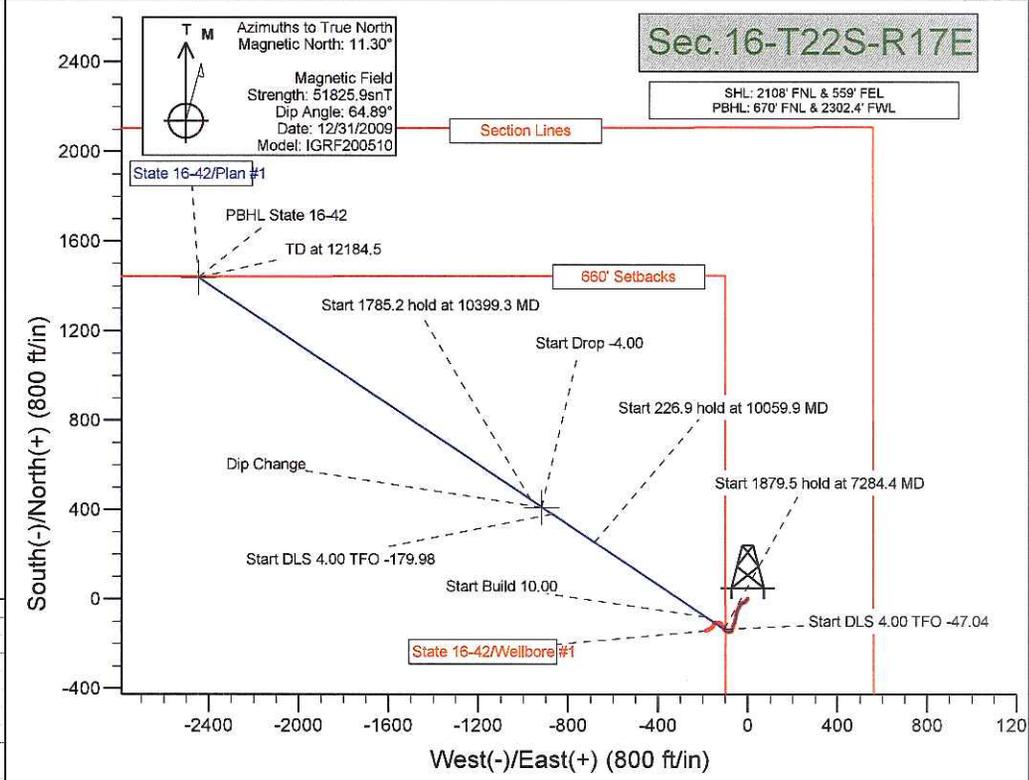


WELL DETAILS: State 16-42							
Ground Level: 4242.0							Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
0.0	0.0	-519041.20	2414940.05	38° 53' 57.830 N	110° 2' 35.460 W		

WELLBORE TARGET DETAILS					
Name	TVD	+N/-S	+E/-W	Shape	
Dip Change	9687.0	410.9	-917.4	Point	
PBHL State 16-42	9748.1	1438.0	-2444.8	Point	

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7250.0	1.89	323.53	7246.2	-136.6	-103.7	0.00	0.00	20.2	
2	7284.4	3.00	303.92	7280.6	-135.6	-104.8	4.00	-47.04	21.6	PBHL State 16-42
3	9163.9	3.00	303.92	9157.5	-80.7	-186.5	0.00	0.00	119.8	
4	10059.9	92.60	303.92	9699.9	253.1	-682.8	10.00	0.00	716.9	PBHL State 16-42
5	10286.8	92.60	303.92	9689.6	379.6	-870.9	0.00	0.00	943.1	
6	10343.0	90.35	303.92	9688.2	410.9	-917.6	4.00	-179.98	999.2	
7	10399.3	88.10	303.92	9688.9	442.3	-964.2	4.00	180.00	1055.4	
8	12184.5	88.10	303.92	9748.1	1438.0	-2444.8	0.00	0.00	2836.4	PBHL State 16-42

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
9661.5	9821.2	Top Cane Creek
9684.2	9897.0	Cane Creek B
9694.2	10559.0	Cane Creek C
9705.2	10890.1	Base Cane Creek



RECEIVED January 08, 2010

# **Fidelity**

**Grand Co., UT  
Sec.16-T22S-R17E  
State 16-42  
Wellbore #1**

**Plan: Plan #1**

## **Pathfinder Planning Report**

**13 January, 2010**

The logo for Pathfinder, featuring the word "PATH" in a grey, blocky font and "FINDER" in a black, blocky font. A green line starts under the "P" and curves under the "FINDER" part.

**RECEIVED** January 08, 2010



Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well State 16-42
Company:	Fidelity	TVD Reference:	WELL @ 4264.0ft (Original Well Elev)
Project:	Grand Co., UT	MD Reference:	WELL @ 4264.0ft (Original Well Elev)
Site:	Sec.16-T22S-R17E	North Reference:	True
Well:	State 16-42	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Project	Grand Co., UT, Grand County, UT		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site	Sec.16-T22S-R17E				
Site Position:		Northing:	-519,041.20 ft	Latitude:	38° 53' 57.830 N
From:	Lat/Long	Easting:	2,414,940.05 ft	Longitude:	110° 2' 35.460 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.96 °

Well	State 16-42					
Well Position	+N/-S	0.0 ft	Northing:	-519,041.20 ft	Latitude:	38° 53' 57.830 N
	+E/-W	0.0 ft	Easting:	2,414,940.05 ft	Longitude:	110° 2' 35.460 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,242.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.30	64.89	51,826

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	7,250.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	300.46

Plan Sections											
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target	
7,250.0	1.89	323.53	7,246.2	-136.6	-103.7	0.00	0.00	0.00	0.00		
7,284.4	3.00	303.92	7,280.6	-135.6	-104.8	4.00	3.23	-57.03	-47.04	PBHL State 16-42	
9,163.9	3.00	303.92	9,157.5	-80.7	-186.5	0.00	0.00	0.00	0.00		
10,059.9	92.60	303.92	9,699.9	253.1	-682.8	10.00	10.00	0.00	0.00	PBHL State 16-42	
10,286.8	92.60	303.92	9,689.6	379.6	-870.9	0.00	0.00	0.00	0.00		
10,343.0	90.35	303.92	9,688.2	410.9	-917.6	4.00	-4.00	0.00	-179.98		
10,399.3	88.10	303.92	9,688.9	442.3	-964.2	4.00	-4.00	0.00	180.00		
12,184.5	88.10	303.92	9,748.1	1,438.0	-2,444.8	0.00	0.00	0.00	0.00	PBHL State 16-42	



Database: EDM 2003.16 Single User Db  
Company: Fidelity  
Project: Grand Co., UT  
Site: Sec.16-T22S-R17E  
Well: State 16-42  
Wellbore: Wellbore #1  
Design: Plan #1

Local Co-ordinate Reference: Well State 16-42  
TVD Reference: WELL @ 4264.0ft (Original Well Elev)  
MD Reference: WELL @ 4264.0ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
<b>Start DLS 4.00 TFO -47.04</b>									
7,250.0	1.89	323.53	7,246.2	-136.6	-103.7	20.2	0.23	-0.21	-2.64
<b>Start 1879.5 hold at 7284.4 MD</b>									
7,284.4	3.00	303.92	7,280.6	-135.6	-104.8	21.6	4.00	3.23	-57.03
7,300.0	3.00	303.92	7,296.2	-135.2	-105.5	22.4	0.00	0.00	0.00
7,400.0	3.00	303.92	7,396.0	-132.3	-109.9	27.6	0.00	0.00	0.00
7,500.0	3.00	303.92	7,495.9	-129.3	-114.2	32.9	0.00	0.00	0.00
7,600.0	3.00	303.92	7,595.8	-126.4	-118.5	38.1	0.00	0.00	0.00
7,700.0	3.00	303.92	7,695.6	-123.5	-122.9	43.3	0.00	0.00	0.00
7,800.0	3.00	303.92	7,795.5	-120.6	-127.2	48.5	0.00	0.00	0.00
7,900.0	3.00	303.92	7,895.4	-117.7	-131.6	53.8	0.00	0.00	0.00
8,000.0	3.00	303.92	7,995.2	-114.7	-135.9	59.0	0.00	0.00	0.00
8,100.0	3.00	303.92	8,095.1	-111.8	-140.3	64.2	0.00	0.00	0.00
8,200.0	3.00	303.92	8,194.9	-108.9	-144.6	69.4	0.00	0.00	0.00
8,300.0	3.00	303.92	8,294.8	-106.0	-148.9	74.7	0.00	0.00	0.00
8,400.0	3.00	303.92	8,394.7	-103.1	-153.3	79.9	0.00	0.00	0.00
8,500.0	3.00	303.92	8,494.5	-100.1	-157.6	85.1	0.00	0.00	0.00
8,600.0	3.00	303.92	8,594.4	-97.2	-162.0	90.3	0.00	0.00	0.00
8,700.0	3.00	303.92	8,694.3	-94.3	-166.3	95.5	0.00	0.00	0.00
8,800.0	3.00	303.92	8,794.1	-91.4	-170.7	100.8	0.00	0.00	0.00
8,900.0	3.00	303.92	8,894.0	-88.4	-175.0	106.0	0.00	0.00	0.00
9,000.0	3.00	303.92	8,993.9	-85.5	-179.3	111.2	0.00	0.00	0.00
9,100.0	3.00	303.92	9,093.7	-82.6	-183.7	116.4	0.00	0.00	0.00
<b>Start Build 10.00</b>									
9,163.9	3.00	303.92	9,157.5	-80.7	-186.5	119.8	0.00	0.00	0.00
9,200.0	6.61	303.92	9,193.5	-79.1	-189.0	122.8	10.00	10.00	0.00
9,250.0	11.61	303.92	9,242.8	-74.6	-195.5	130.7	10.00	10.00	0.00
9,300.0	16.61	303.92	9,291.3	-67.8	-205.6	142.9	10.00	10.00	0.00
9,350.0	21.61	303.92	9,338.6	-58.7	-219.2	159.2	10.00	10.00	0.00
9,400.0	26.61	303.92	9,384.2	-47.3	-236.2	179.6	10.00	10.00	0.00
9,450.0	31.61	303.92	9,427.8	-33.7	-256.4	203.9	10.00	10.00	0.00
9,500.0	36.61	303.92	9,469.2	-18.1	-279.6	231.8	10.00	10.00	0.00
9,550.0	41.61	303.92	9,508.0	-0.5	-305.8	263.3	10.00	10.00	0.00
9,600.0	46.61	303.92	9,543.9	18.9	-334.6	298.0	10.00	10.00	0.00
9,650.0	51.61	303.92	9,576.6	40.0	-366.0	335.8	10.00	10.00	0.00
9,700.0	56.61	303.92	9,605.9	62.6	-399.6	376.2	10.00	10.00	0.00
9,750.0	61.61	303.92	9,631.6	86.5	-435.2	419.0	10.00	10.00	0.00
9,800.0	66.61	303.92	9,653.4	111.6	-472.5	463.9	10.00	10.00	0.00
<b>Top Cane Creek</b>									
9,821.2	68.74	303.92	9,661.5	122.6	-488.8	483.5	10.00	10.00	0.00
9,850.0	71.61	303.92	9,671.2	137.7	-511.3	510.5	10.00	10.00	0.00
<b>Cane Creek B</b>									
9,897.0	76.31	303.92	9,684.2	162.9	-548.7	555.5	10.00	10.00	0.00
9,900.0	76.61	303.92	9,684.9	164.5	-551.2	558.5	10.00	10.00	0.00
9,950.0	81.61	303.92	9,694.4	191.9	-591.9	607.5	10.00	10.00	0.00
10,000.0	86.61	303.92	9,699.5	219.7	-633.2	657.1	10.00	10.00	0.00
10,050.0	91.61	303.92	9,700.3	247.6	-674.6	707.0	10.00	10.00	0.00
<b>Start 226.9 hold at 10059.9 MD</b>									
10,059.9	92.60	303.92	9,699.9	253.1	-682.8	716.9	10.00	10.00	0.00
10,100.0	92.60	303.92	9,698.1	275.4	-716.1	756.9	0.00	0.00	0.00
10,200.0	92.60	303.92	9,693.5	331.2	-799.0	856.6	0.00	0.00	0.00
<b>Start DLS 4.00 TFO -179.98</b>									
10,286.8	92.60	303.92	9,689.6	379.6	-870.9	943.1	0.00	0.00	0.00

Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Well State 16-42
Company:	Fidelity	TVD Reference:	WELL @ 4264.0ft (Original Well Elev)
Project:	Grand Co., UT	MD Reference:	WELL @ 4264.0ft (Original Well Elev)
Site:	Sec.16-T22S-R17E	North Reference:	True
Well:	State 16-42	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,300.0	92.07	303.92	9,689.1	386.9	-881.9	956.3	4.00	-4.00	0.00
<b>Start Drop -4.00</b>									
10,343.0	90.35	303.92	9,688.2	410.9	-917.6	999.2	4.00	-4.00	0.00
<b>Start 1785.2 hold at 10399.3 MD</b>									
10,399.3	88.10	303.92	9,688.9	442.3	-964.2	1,055.4	4.00	-4.00	0.00
10,500.0	88.10	303.92	9,692.3	498.5	-1,047.8	1,155.9	0.00	0.00	0.00
<b>Cane Creek C</b>									
10,559.0	88.10	303.92	9,694.2	531.4	-1,096.7	1,214.7	0.00	0.00	0.00
10,600.0	88.10	303.92	9,695.6	554.3	-1,130.7	1,255.6	0.00	0.00	0.00
10,700.0	88.10	303.92	9,698.9	610.0	-1,213.6	1,355.4	0.00	0.00	0.00
10,800.0	88.10	303.92	9,702.2	665.8	-1,296.6	1,455.1	0.00	0.00	0.00
<b>Base Cane Creek</b>									
10,890.1	88.10	303.92	9,705.2	716.0	-1,371.3	1,545.0	0.00	0.00	0.00
10,900.0	88.10	303.92	9,705.5	721.6	-1,379.5	1,554.9	0.00	0.00	0.00
11,000.0	88.10	303.92	9,708.8	777.4	-1,462.4	1,654.7	0.00	0.00	0.00
11,100.0	88.10	303.92	9,712.1	833.1	-1,545.4	1,754.4	0.00	0.00	0.00
11,200.0	88.10	303.92	9,715.5	888.9	-1,628.3	1,854.2	0.00	0.00	0.00
11,300.0	88.10	303.92	9,718.8	944.7	-1,711.3	1,954.0	0.00	0.00	0.00
11,400.0	88.10	303.92	9,722.1	1,000.4	-1,794.2	2,053.7	0.00	0.00	0.00
11,500.0	88.10	303.92	9,725.4	1,056.2	-1,877.1	2,153.5	0.00	0.00	0.00
11,600.0	88.10	303.92	9,728.7	1,112.0	-1,960.1	2,253.2	0.00	0.00	0.00
11,700.0	88.10	303.92	9,732.0	1,167.8	-2,043.0	2,353.0	0.00	0.00	0.00
11,800.0	88.10	303.92	9,735.4	1,223.5	-2,125.9	2,452.8	0.00	0.00	0.00
11,900.0	88.10	303.92	9,738.7	1,279.3	-2,208.9	2,552.5	0.00	0.00	0.00
12,000.0	88.10	303.92	9,742.0	1,335.1	-2,291.8	2,652.3	0.00	0.00	0.00
12,100.0	88.10	303.92	9,745.3	1,390.9	-2,374.7	2,752.1	0.00	0.00	0.00
<b>TD at 12184.5 - PBHL State 16-42 - PBHL State 16-42 - PBHL State 16-42</b>									
12,184.5	88.10	303.92	9,748.1	1,438.0	-2,444.8	2,836.4	0.00	0.00	0.00

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL State 16-42 - hit/miss target - Shape - Point	0.00	0.00	9,748.1	1,438.0	-2,444.8	-517,644.39	2,412,471.48	38° 54' 12.031 N	110° 3' 6.361 W
Dip Change - plan misses target center by 1.2ft at 10342.9ft MD (9688.2 TVD, 410.9 N, -917.5 E) - Point	0.00	0.00	9,687.0	410.9	-917.4	-518,645.74	2,414,015.89	38° 54' 1.888 N	110° 2' 47.055 W

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
9,821.2	9,683.0	Top Cane Creek		-2.60	303.92
9,897.0	9,709.0	Cane Creek B		-2.60	303.92
10,559.0	9,749.0	Cane Creek C		-2.60	303.92
10,890.1	9,775.0	Base Cane Creek		-2.60	303.92

<b>Database:</b>	EDM 2003.16 Single User Db	<b>Local Co-ordinate Reference:</b>	Well State 16-42
<b>Company:</b>	Fidelity	<b>TVD Reference:</b>	WELL @ 4264.0ft (Original Well Elev)
<b>Project:</b>	Grand Co., UT	<b>MD Reference:</b>	WELL @ 4264.0ft (Original Well Elev)
<b>Site:</b>	Sec.16-T22S-R17E	<b>North Reference:</b>	True
<b>Well:</b>	State 16-42	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
7,250.0	7,246.2	-136.6	-103.7	Start DLS 4.00 TFO -47.04
7,284.4	7,280.6	-135.6	-104.8	Start 1879.5 hold at 7284.4 MD
9,163.9	9,157.5	-80.7	-186.5	Start Build 10.00
10,059.9	9,699.9	253.1	-682.8	Start 226.9 hold at 10059.9 MD
10,286.8	9,689.6	379.6	-870.9	Start DLS 4.00 TFO -179.98
10,343.0	9,688.2	410.9	-917.6	Start Drop -4.00
10,399.3	9,688.9	442.3	-964.2	Start 1785.2 hold at 10399.3 MD
12,184.5	9,748.1	1,438.0	-2,444.8	TD at 12184.5



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

February 2, 2011

CERTIFIED MAIL NO.: 7004 1160 0003 0190 4826

Mr. Wayne Ransbottom  
Fidelity Exploration & Production Company  
2585 Heartland Drive  
Sheridan, WY 82801

43 019 31605  
State 16-42  
22S 17E 16

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Ransbottom:

As of January 2011, Fidelity E&P Company has one (1) State Lease Well and one (1) Fee Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2

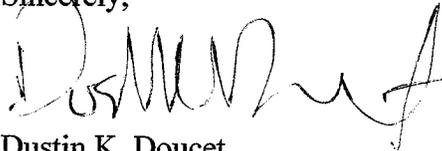
Fidelity Exploration & Production Company  
February 2, 2011

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

Enclosure

cc: Compliance File

Well File

Jim Davis, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
1	STATE 16-42	43-019-31605	ML 48144	1 year
2	GUNNISON VLY FEE 22-9	43-019-50002	FEE	1 year 1 month

<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> ML 48144
<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>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> STATE 16-42
<b>2. NAME OF OPERATOR:</b> FIDELITY E&P COMPANY	<b>9. API NUMBER:</b> 43019316050000
<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> 2108 FNL 0559 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT  <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 checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 3/3/2011	<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 type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT"/>

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

Action Hot oil rigged up to perform the MIT. Filled casing, Pressured up to 1000 PSI for 15 minutes, Tested good. It was witnessed by Charlie Harrison with Harrison Oilfield Services, Brent Massey with Action Hot Oil, and Bart Kettle for the State of Utah.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**

<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> 3/4/2011	



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*

March 9, 2011

Stephanie Masters  
Fidelity E&P Company  
2585 Heartland Drive  
Sheridan, WY 82801

Re: APD Rescinded – State 16-42 Deepening, Sec. 16, T.22S, R. 17E  
Grand County, Utah API No. 43-019-31605

Dear Ms. Masters:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on January 20, 2010. On March 9, 2011, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective March 9, 2011.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Environmental Scientist

cc: Well File  
SITLA, Ed Bonner

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

**FORM 9**

**5. LEASE DESIGNATION AND SERIAL NUMBER:**  
ML 48144

**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.

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**

**7. UNIT or CA AGREEMENT NAME:**

**1. TYPE OF WELL**  
Gas Well

**8. WELL NAME and NUMBER:**  
STATE 16-42

**2. NAME OF OPERATOR:**  
FIDELITY E&P COMPANY

**9. API NUMBER:**  
43019316050000

**3. ADDRESS OF OPERATOR:**  
2585 Heartland Drive , Sheridan, WY, 82801 8543

**PHONE NUMBER:**  
303 893-3133 Ext

**9. FIELD and POOL or WILDCAT:**  
WILDCAT

**4. LOCATION OF WELL**  
**FOOTAGES AT SURFACE:**  
2108 FNL 0559 FEL  
**QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:**  
Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E Meridian: S

**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 Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/17/2010  <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 checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>

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

Fidelity Exploration and Production Company would like to report that on 1/17/2010-Blow down well install bop; Pull out hole w/tubing & pkr; RU/Wire line truck-Set 2 CIBP-9700' & 9650'; Dump cement on pluw w/wire line - cement F/9650' T/9525'; TIH w/tubing - TOO H laying tubing down; Open well ID/tubing-nd/bop-install well head; 1/20/2010-Road rig to Moab Yard

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

<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> 3/21/2011	

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**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:

**12/1/2010**

<b>FROM: (Old Operator):</b> N3155-Fidelity Exploration & Production 2585 Heartland Drive Sheridan, WY 82801  Phone: 1 (307) 675-4924	<b>TO: ( New Operator):</b> N3735-Rockies Standard Oil Company, LLC 1411 East 840 North Orem, UT 84097  Phone: 1 (801) 224-4771
--	--

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
STATE 16-42	16	220S	170E	4301931605	17278	State	GW	S
GUNNISON VLY FEE 22-9	09	210S	170E	4301950002	17372	Fee	GW	TA

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 3/30/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/30/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2011
- Is the new operator registered in the State of Utah:                      Business Number: 7698560-0161
- (R649-9-2) Waste Management Plan has been received on:                      requested 3/30/11
- Inspections of LA PA state/fee well sites complete on:                      n/a
- Reports current for Production/Disposition & Sundries on:                      ok
- 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 n/a BIA n/a
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:                      n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:                      n/a
- Underground Injection Control ("UIC")** 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:**

- Changes entered in the **Oil and Gas Database** on:                      3/30/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on:                      3/30/2011
- Bond information entered in RBDMS on:                      3/30/2011
- Fee/State wells attached to bond in RBDMS on:                      3/30/2011
- Injection Projects to new operator in RBDMS on:                      n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on:                      n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number:
- Indian well(s) covered by Bond Number:
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number                      687207699 and 687207698
- The **FORMER** operator has requested a release of liability from their bond on:                      not yet

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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:                      4/21/2011

**COMMENTS:**

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: ML 48144
		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, re-enter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: N/A
		8. WELL NAME and NUMBER: State 16-42
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	9. API NUMBER: 4301931605	
2. NAME OF OPERATOR: Fidelity Exploration and Production Company		10. FIELD AND POOL, OR WILDCAT: Wild Cat
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: 2108' FNL 559' FEL		COUNTY: Grand
QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16 - 22S 17E		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>12/1/2010</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"/> COMINGLE 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 12/1/2010 Fidelity Exploration and Production Company resigned as operator of the referenced well and request that the operator be designated and referenced well transferred from Fidelity Exploration and Production Company to successor Rockies Standard Oil Company, LLC

*[Signature]*  
KIMPAUL HAYES MANAGER OF PETRO FUELS  
MANAGER OF ROCKIES STANDARD OIL COMPANY  
Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, Utah 84097  
801-224-4771

*[Signature]*  
Harvey N. Dunham - Asset Team Manager- Southern Rockies  
Fidelity Exploration and Production Company  
2585 Heartland Drive  
Sheridan, Wyoming 82801  
720-956-5769

NAME (PLEASE PRINT) <u>Harvey N. Dunham</u>	TITLE <u>Asset Team Manager- Southern Rockies</u>
SIGNATURE <i>[Signature]</i>	DATE <u>3/30/2011</u>

(This space for State use only)

SUBJECT TO COMPLIANCE ISSUES BEING RESOLVED IN 30 DAYS.  
(5/2000) APPROVED 3/31/2011 (See Instructions on Reverse Side)  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAR 30 2011  
DIV. OF OIL, GAS & MINING



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 18, 2012

CERTIFIED MAIL NO.: 7010 1670 0001 4810 3522

Mr. Kimball Hodges  
Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, UT 84097

43 019 31605  
State 16-42  
22S. 17E. 16

Subject: **Second Notice: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases**

Dear Mr. Hodges:

As of January 2012, Rockies Standard Oil Co. (Rockies) has one (1) State Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Utah Division of Oil, Gas and Mining (Division) wishes to inform Rockies that this well was previously noticed, dated February 2, 2011, sent to Fidelity Exploration and Production Company. When Rockies obtained ownership of this well, they also assumed current responsibility for the SI/TA status. To date, the Division has not received any documentation nor seen any efforts being made by Rockies to move this well out of non-compliance status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



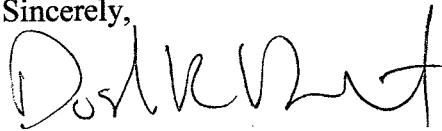
Page 2  
Rockies Standard Oil Co.  
October 18, 2012

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
1	STATE 16-42	43-019-31605	ML-48144	2 Years

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

9/7/2012

**FROM:** (Old Operator):  
 N3735- Rockies Standard Oil Company, LLC  
 1411 East 840 North  
 Orem, UT 84097  
 Phone: 1 (801) 224-4771

**TO:** ( New Operator):  
 N2245- Anadarko E&P Company, LP.  
 1099 18th Street, Ste 1800  
 Denver, CO 80202  
 Phone: 1 (720) 929-6000

CA No.

Unit:

Gunnison

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
State 16-42	16	22S	17 E	4301931605	17278	State	GW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/12/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/12/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/13/2012
- Is the new operator registered in the State of Utah:            Business Number: 593715-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 10/29/12
- 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 Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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:**

- Changes entered in the **Oil and Gas Database** on: 10/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/29/2012
- Bond information entered in RBDMS on: 10/29/2012
- Fee/State wells attached to bond in RBDMS on: 10/29/2012
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: N/A
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 22013542
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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

**COMMENTS:**

RECEIVED

FORM 9

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

SEP 12 2012

DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML 48144

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:  
Gunnison Valley Unit

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
State 16-42

2. NAME OF OPERATOR:  
Rockies Standard Oil Company, LLC

9. API NUMBER:  
4301931605

3. ADDRESS OF OPERATOR:  
1411 East 840 North Orem UT 84097

PHONE NUMBER:  
801-224-4771

10. FIELD AND POOL, OR WILDCAT:  
Wildcat

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 2108' FNL 559' FEL

COUNTY: Grand

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 16 22S 17E

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: 9/7/12	<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 9/7/12 Rockies Standard Oil Company, LLC, resigns as operator of the referenced well and requests that the operator be designated and referenced well transferred from Rockies Standard Oil Company, LLC to successor Anadarko E&P Company LP.

Anadarko E&P Company LP will operate the well under the approved conditions and submitted APD utilizing Utah Blanket Bond Number 22013542.

*Jaime Scharnowske*  
Jaime Scharnowske  
Regulatory Analyst

*Kimball E. Hodges*  
Kimball E. Hodges  
Manager of Petro Fuego, LLC Manager for Rockies Standard Oil Company, LLC

Anadarko E&P Company LP  
1099 18th Street, Suite 1800  
Denver, CO 80202  
720-929-6000  
N2245

Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, UT 84097  
801-224-4771  
N3735

NAME (PLEASE PRINT) Kimball E. Hodges

TITLE Mngr of Petro Fuego, LLC mngr for RSOC, LLC

SIGNATURE *Kimball E. Hodges*

DATE 9/7/12

(This space for State use only)

APPROVED

OCT 29 2012

DIVISION OF OIL, GAS & MINING

*Rachel Medina*

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

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

**RECEIVED**

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

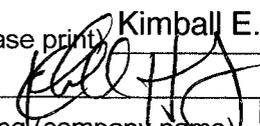
**SEP 12 2012**

<b>Well name:</b>	State 16-42
<b>API number:</b>	4301931605
<b>Location:</b>	SENE 16 22S 17E
<b>Company that filed original application:</b>	Liberty Pioneer Energy Source, Inc
<b>Date original permit was issued:</b>	12/22/08
<b>Company that permit was issued to:</b>	Liberty Pioneer Energy Source, Inc.

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"/>
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 checked="" type="checkbox"/>	<input 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>22013542</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) Kimball E. Hodges Title Mngr of Petro Fuego, LLC Mngr for RSOC, L  
 Signature  Date 9/7/12  
 Representing (company name) Rockies Standard Oil Company, LLC

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.



RECEIVED  
NOV 05 2012  
DIV. OF OIL, GAS & MINING

October 31, 2012

State of Utah  
Department of Natural Resources  
Attn: Mr. Dustin Doucet  
PO Box 145801  
Salt Lake City, UT 84114-5801

228 17E 14

RE: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases  
State 16-42 (43-019-31605)

Mr. Doucet-

We are in receipt of your letter dated October 18, 2012 regarding the Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases. Effective 9/7/12 Rockies Standard Oil Company, LLC transferred the State 16-42 well (API # 43-019-31605) to Anadarko E&P Company, LP. All paperwork has been submitted to transfer the 16-42 well into Anadarko's name. The 16-42 well is within the Gunnison Valley Unit and is one of the unit obligation wells. It is our understanding that Anadarko has plans to do additional work on the 16-42 well in the near future.

Please let me know if you need any additional information.

Regards,

Kimball E. Hodges  
801-224-4771

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**12/11/2012**

<b>FROM: (Old Operator):</b> N2245- Anadarko E&P Company, LP PO BOX 173779 Denver CO 82017  Phone: 1 (720) 929-6304	<b>TO: ( New Operator):</b> N3940- Anadarko E&P Onshore, LLC PO BOX 173779 Denver CO 82017  Phone: 1 (720) 929-6304
--	--

WELL NAME	CA No.	SEC	TWN	RNG	Unit:	API NO	ENTITY	LEASE TYPE	WELL TYPE	WELL STATUS
STATE 16-42		16	22 S	17 E	Gunnison Valley Unit	4301931605	NO 17270	STATE	GW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/25/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/25/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 593715-0161
- (R649-9-2) Waste Management Plan has been received on: Not Yet
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 2/6/2013
- 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 N/A BIA N/A
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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:**

- Changes entered in the **Oil and Gas Database** on: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/12/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: N/A
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 22013542
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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

**COMMENTS:**

**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>ML 48144</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>N/A</b>
1. TYPE OF WELL <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> _____		7. UNIT or CA AGREEMENT NAME: <b>Gunnison Valley Unit</b>
2. NAME OF OPERATOR: <b>Anadarko E&amp;P Company LP</b>		8. WELL NAME and NUMBER: <b>State 16-42</b>
3. ADDRESS OF OPERATOR: <b>P.O. Box 173779</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>82017</b>		9. API NUMBER: <b>4301931605</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2108 FNL 559 FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 22S 17E</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 type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: <b>1/23/2013</b>	<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.

Anadarko E&P Company, L.P. has changed its company name to Anadarko E&P Onshore, LLC.

Anadarko E&P Onshore, LLC will operate the well under the approved conditions and submitted APD, utilizing Utah Blanket Bond Number 22013542. Effective 12/11/2012

Anadarko E&P Company, L.P. (N2245)

Anadarko E&P Onshore, LLC. (N3940)

S

NAME (PLEASE PRINT) <u>Jaime Scharnowske</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE <u><i>Jaime Scharnowske</i></u>	DATE <u>1/23/2013</u>

(This space for State use only)

**APPROVED**

**FEB 12 2013**

DIV. OIL GAS & MINING (See Instructions on Reverse Side)

BY: *Raquel Medina*

**RECEIVED**

**JAN 25 2013**

DIV. OF OIL, GAS & MINING

(5/2000)

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

FORM 9

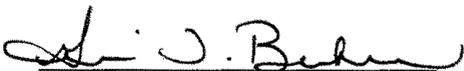
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML 48144</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
1. TYPE OF WELL <b>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____</b>		7. UNIT or CA AGREEMENT NAME: <b>Gunnison Valley Unit</b>
2. NAME OF OPERATOR: <b>Anadarko E&amp;P Onshore, LLC</b>		8. WELL NAME and NUMBER: <b>State 16-42</b>
3. ADDRESS OF OPERATOR: <b>1099 18th Street, Suite 1800 CITY Denver STATE CO ZIP 80202</b>		9. API NUMBER: <b>4301931605</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2108 FNL - 559 FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 22S 17E</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>5/1/2013</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.

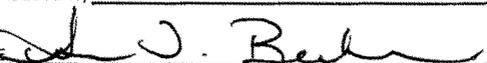
Effective 5/1/2013 Anadarko E&P Onshore, LLC, resigns as operator of the referenced well, and requests that the operator be designated for the transfer from Anadarko E&P Onshore, LLC to successor Rockies Standard Oil Company, LLC.

  
Gina T. Becker  
Senior Regulatory Analyst

  
Kimball E. Hodges  
Manager of Petro Fuego, LLC Manager for Rockies Standard Oil Company, LLC

Anadarko E&P Onshore, LLC  
1099 18th Street, Suite 1800  
Denver, CO 80202  
(720) 929-6086

Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

NAME (PLEASE PRINT) <u>Gina T Becker</u>	TITLE <u>Senior Regulatory Analyst</u>
SIGNATURE 	DATE <u>5/1/2013</u>

(This space for State use only) **REQUEST DENIED**

Utah Division of  
Oil, Gas and Mining  
Date: Feb 5, 2014  
By: Rachele Medina

\* A \$30,000.00 Full Cost bond will need to be posted by Rockies Standard.

The well will remain under DIV. OF OIL, GAS & MINING until a bond and an

**RECEIVED**

**SEP 20 2013**

**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>	State 16-42
<b>API number:</b>	4301931605
<b>Location:</b>	Qtr-Qtr: SENE Section: 16 Township: 22S Range: 17E
<b>Company that filed original application:</b>	Liberty Pioneer Energy Source, Inc
<b>Date original permit was issued:</b>	12/22/2008
<b>Company that permit was issued to:</b>	Liberty Pioneer Energy Source, Inc

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 operator</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?	<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 checked="" type="checkbox"/>	<input 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>22013542</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) Gina T Becker Title Senior Regulatory Analyst  
 Signature  Date 05/01/2013  
 Representing (company name) Anadarko E&P Onshore, LLC

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.



RECEIVED  
OCT 21 2013  
DIV. OF OIL, GAS & MINING

October 15, 2013

State of Utah  
Division of Oil, Gas, and Mining  
Attn: Mr. Dustin Doucet  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Gunnison Valley Unit State 16-42 (API 4301931605)  
Shut In Plan

16 225 17E

To Whom It May Concern:

The Gunnison Valley Unit State 16-42 well ("16-42") was temporarily abandoned in January 2010. Fidelity Exploration & Production Company, who was the operator of record in January 2010, set 2 CIBP's (9700' and 9650') and cement from 9650-9525'.

In December of 2010 Rockies Standard Oil Company, LLC ("RSOC") took over operations of the 16-42 well. Subsequently RSOC formed the Gunnison Valley Unit ("GVU"), which is a federal unit. The 16-42 well was approved as the second unit obligation well. In 2012 RSOC partnered with Anadarko E&P Company LP ("Anadarko") to develop the GVU. Anadarko assumed operations of the 16-42 well in August of 2012. After drilling the initial unit obligation well Anadarko elected not to drill additional wells in the GVU and is in the process of turning over operations to RSOC.

RSOC, with permission from the authorized officer of the unit, changed the second unit obligation well to an alternate well location (Federal 29-11, located in the NESW, Sec 29,

T22S R18E). RSOC is currently waiting for approval of the Federal 29-11 APD. It is anticipated that operations will commence on the Federal 29-11 well within 60 days of an approved APD.

Depending on the outcome of the Federal 29-11 well RSOC intends to reenter the 16-42 well to evaluate additional productive zones in the Pennsylvanian section.

As mentioned above, the 16-42 well is currently temporarily abandoned until the Federal 29-11 well can be drilled and completed and additional information can be collected. There is no tubing or casing pressure at the wellhead.

Please find enclosed a current wellbore diagram and plugging cost estimate to assist in your evaluation. Please let us know if you need any additional information.

Regards,

A handwritten signature in black ink, appearing to read 'K. Hodges', with a horizontal line extending to the right.

Kimball E. Hodges  
Manager of Petro Fuego, LLC  
Petro Fuego, LLC manager of Rockies Standard Oil Company, LLC



October 15, 2013

State of Utah  
Division of Oil, Gas, and Mining  
Attn: Mr. Dustin Doucet  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: State 16-42 (API 4301931605)  
Plugging Cost Estimate from: Well Pluggers, Inc. – Lyle Anthony “Redd”

**Gunnison Valley Unit State 16-42 P&A total estimated costs:**

**\$18,000**

**Current Status of Wellbore**

-SENW 22S-17E Sec 16, Grand County, Utah

-9 5/8” P-110 @ 7,215’

-7” P-110 liner from Surface – 6,061’ TVD/MD

-7” Q-125 ULTR Flush liner – 6,061’ – 10,176’ TVD/MD

Plugged back TD: 9,525’ (CIBP @ 9,700’ & 9,650’ - cement from 9650-9525’)

**To Be Completed** (as per discussion with Dustin Doucet on 10/15/13)

-100' Suspended Cement Plug from ~6400-6300' (15.8# class G neat 1.15 yield)- Tag plug

-100' Suspended Cement Plug from ~2650-2550'

-100' Suspended Cement Plug from ~1550-1450'- Tag plug

-100' Suspended Cement Plug from 100'- Surface

Remove cellar, cut off wellhead 3' below surface, weld on plate and backfill cellar.

Please let me know if you have any questions regarding any of the information above.

Regards,



Kimball Hodges

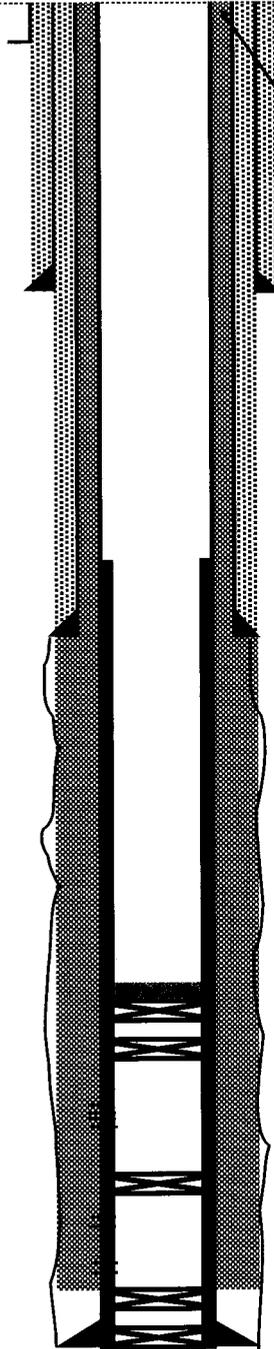
Manager of Petro Fuego, LLC

Petro Fuego, LLC manager of Rockies Standard Oil Company, LLC

	Rockies Standard Oil Company, LLC	
	Gunnison Valley Unit State 16-42	
	Greentown Field	
Grand County, Utah	As- Is Wellbore Sketch	Plugged Back TD: 9,525' md / tvd
Drilling Considerations	Wellbore Information	Casing Info / Mud Info / Hole Size / Cement Specs

STRAIGHT HOLE WITH NATURAL DEVIATION

13-3/8" SOW X 13-5/8" 5M Braden Head  
 13-5/8" 5M X 13-5/8" 10M Casing Head  
 13-5/8" 10M X 11" 10M Pack-off  
 11" 10M X 7-1/16" 10M Tbghead  
 7-1/16" 10M X 2-9/16" x 1-13/16" 10M Tree



20" x 0.500" wall conductor set at 80' +/-  
 Spud w/ 17 1/2" bit

Cement to surface

TOC on 7" Casing is Surface according to  
 the Anadarko Bond Log 8-5-2012

13-3/8" 68.0 ppf J-55 at 1,500' +/-  
 Drilled out w/ 12-1/4" bit

MW 9.7 ppg WBM @ 7,090'

9- 5/8" 47 ppf P-110 0' - 7,215" MD +/-  
 Drilled out w/ 9-7/8" x 8-1/2" Bi-Center bit

CIBP @ 9,650' with 125' of cmt above set 1/18/2010

CIBP @ 9,700' set 1/17/2010

Perforations were Frac'd with 131,000 lbs of Prop  
 & 161,000 gallons of Diesel 4/5/2010

CIBP @ 9,935'

MW 13.2 ppg OBM @ TD

7" 46.0 ppf P-110 LTC 0' - 6,061' TVD / MD  
 7" 52.97 ppf Q-125 ULTR Flush 6,061' - 10,176' TVD / MD

Current Perforations 9,730' - 9,741'

Test Perforations 9,990' - 9,994'

Test Perforations 10,086' - 10,094'

CIBP @ 10,126'

10,176' TVD / 10,176' MD

Well Information

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **5/1/2014**

<b>FROM:</b> (Old Operator): Anadarko E&P Onshore, LLC N3940 1099 18th Street, Suite 1800 Denver, CO 80202 720-929-6356	<b>TO:</b> ( New Operator): Rockies Standard Oil Company, LLC N3735 1411 East 840 North Orem, UT 84097 801-224-4771
---	---

CA No.		Unit:		Gunnison Valley				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
State 16-42	16	22S	17E	4301931605	17278	State	GW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/28/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/28/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/29/2014
- a. Is the new operator registered in the State of Utah:            Business Number: 7698560-0161
- 5a. (R649-9-2)Waste Management Plan has been received on: Yes
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 7/29/2014
- 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 N/A BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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:**

- Changes entered in the **Oil and Gas Database** on: 7/29/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/29/2014
- Bond information entered in RBDMS on: 7/29/2014
- Fee/State wells attached to bond in RBDMS on: 7/29/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/29/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: N/A
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number Rose Petroleum (Utah), LLC
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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

**COMMENTS:**

Operator change from Anadarko to Rockies to Rose

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **5/1/2014**

<b>FROM:</b> (Old Operator): Rockies Standard Oil Company, LLC N3735 1411 East 840 North Orem, UT 84097 801-224-4771	<b>TO:</b> ( New Operator): Rose Petreoluem (Utah), LLC N4095 837 Good Hope Drive Castle Rock, CO 80108 303-681-7771
--	--

CA No.		Unit:		Gunnison Valley				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
State 16-42	16	22S	17E	4301931605	17278	State	GW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/28/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/28/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/29/2014
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 9009626-0161
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 7/29/2014
- 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 N/A BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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:**

- Changes entered in the **Oil and Gas Database** on: 7/29/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/29/2014
- Bond information entered in RBDMS on: 7/29/2014
- Fee/State wells attached to bond in RBDMS on: 7/29/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/29/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: N/A
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 1948
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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

**COMMENTS:**

Operator change from Anadarko to Rockies to Rose



March 24, 2014

Rockies Standard Oil Company, LLC  
Attn: Kimball E. Hodges  
1411 East 840 North  
Orem, UT 84097

RE: Sundry Notice- Notice of Intent of Operator Change- State 16-42

Dear Mr. Hodges,

Attached to this letter please find an original sundry notice for the intent to change operators for well State 16-42, lease ML-48144 in the state of Utah. A copy of the denied sundry is also attached for reference.

At your earliest convenience, please execute the original sundry as well as provide us with a copy of your \$30,000.00 full cost bond and return to the address below.

Anadarko E&P Onshore LLC  
Attn: Nicole Schoenherr  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, CO 80202

Thank you for your time and attention to this matter. Please feel free to call me at (720) 929-6699 with any additional questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicole Schoenherr".

Nicole Schoenherr  
Land Specialist  
nicole.schoenherr@anadarko.com

Enclosures

RECEIVED  
APR 23 2014  
Div. of Oil, Gas & Mining

**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>ML 48144</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>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>Gunnison Valley Unit</b>
2. NAME OF OPERATOR: <b>Anadarko E&amp;P Onshore, LLC N3940</b>		8. WELL NAME and NUMBER: <b>State 16-42</b>
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 1800 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: <b>(720) 929-6356</b>	9. API NUMBER: <b>4301931605</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2108 FNL- 559 FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 22S 17E</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>5/1/2013</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 5/1/2013 Anadarko E&P Onshore, LLC resigns as operator of the referenced well, and requests that the operator be designated for the transfer from Anadarko E&P Onshore, LLC to successor Rockies Standard Oil Company, LLC.

*rep E. Nelson*  
\_\_\_\_\_  
Enrique Nelson  
Land Manager

*Kimball E. Hodges*  
\_\_\_\_\_  
Kimball E. Hodges  
Manager of Petro Fuego, LLC  
Manager for Rockies Standard Oil Company, LLC

Anadarko E&P Onshore, LLC  
1099 18th Street, Suite 1800  
Denver, CO 80202  
(720) 929-6426

Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

NAME (PLEASE PRINT) <u>Laura Abrams</u>	TITLE <u>Regulatory Analyst II</u>
SIGNATURE <i>Laura Abrams</i>	DATE <u>3/21/2014</u>

**APPROVED**

(This space for State use only)

**JUL 28 2014**

DIV. OIL GAS & MINING

BY: *Rachel Medina* (See Instructions on Reverse Side)

**RECEIVED**

**APR 23 2014**

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**

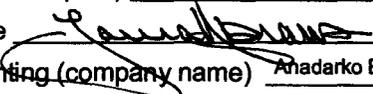
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

<b>Well name:</b>	State 16-42
<b>API number:</b>	4301931605
<b>Location:</b>	Qtr-Qtr: SENE Section: 16 Township: 22S Range: 17E
<b>Company that filed original application:</b>	Liberty Pioneer Energy Source, Inc
<b>Date original permit was issued:</b>	12/22/2008
<b>Company that permit was issued to:</b>	Liberty Pioneer Energy Source, Inc

Check one	Desired Action:
	<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 checked="" 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?		<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 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 checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<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 checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____	<input checked="" 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) Laura Abrams Title Regulatory Analyst II  
 Signature  Date 3/21/2014  
 Representing (company name) Anadarko E&P Onshore, LLC

**RECEIVED**

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.

APR 26 2014

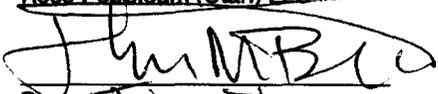
**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

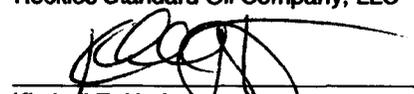
FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML 48144</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>N/A</b>
		7. UNIT or CA AGREEMENT NAME: <b>Gunnison Valley Unit</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>State 16-42</b>	
2. NAME OF OPERATOR: <b>Rockies Standard Oil Company, LLC N3735</b>		9. API NUMBER: <b>4301931605</b>
3. ADDRESS OF OPERATOR: 1411 E. 840 N. CITY <b>Orem</b> STATE <b>UT</b> ZIP <b>84097</b>	PHONE NUMBER: <b>(801) 224-4771</b>	10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2108 FNL-559 FEL</b>		COUNTY: <b>Grand</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 22S 17E</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: <b>3/13/2014</b>	<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
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	<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	

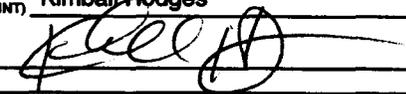
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Effective 3/13/2014 Rockies Standard Oil Company, LLC resigns as operator of the referenced well, and requests that the operator be designated for the transfer from Rockies Standard Oil Company, LLC to successor Rose Petroleum (Utah) LLC.

Rose Petroleum (Utah) LLC  
  
 By: John Blaw  
 Its: Manager

Rockies Standard Oil Company, LLC  
  
 Kimball E. Hodges  
 Manager of Petro Fuego, LLC  
 Manager for Rockies Standard Oil Company, LLC

Rose Petroleum (Utah) LLC  
 837 Good Hope Drive  
 Castle Rock, CO 80108  
 (303) 681-7771  
**N4095**

Rockies Standard Oil Company, LLC  
 1411 East 840 North  
 Orem, UT 84097  
 (801) 224-4771

NAME (PLEASE PRINT) <u>Kimball Hodges</u>	TITLE <u>Manager of Petro Fuego, LLC manager for RSOC</u>
SIGNATURE 	DATE <u>4/25/14</u>

(This space for State use only)

**APPROVED**

JUL 28 2014

DIV. OIL GAS & MINING

BY: Rachel Medina

**RECEIVED**

APR 23 2014

Div. of Oil, Gas & Mining

(5/2000) (See Instructions on Reverse Side)

**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>	State 16-42
<b>API number:</b>	4301931605
<b>Location:</b>	SENE 16 22S 17E
<b>Company that filed original application:</b>	Liberty Pioneer Energy Source, Inc
<b>Date original permit was issued:</b>	12/22/2008
<b>Company that permit was issued to:</b>	Liberty Pioneer Energy Source, Inc

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 operator</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?		✓
<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. _____	✓	

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) Kimball Hodges Title Manager Petro Fuego, LLC manger for RSOC, LLC  
 Signature  Date 4/25/14  
 Representing (company name) Rockies Standard Oil Company, LLC

**RECEIVED**  
**APR 23 2014**

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.

Div. of Oil, Gas & Mining

[Quoted text hidden]

---

**Dustin Doucet** <dustindoucet@utah.gov>  
To: Kimball Hodges <khodges@rockiesstandard.com>  
Cc: Rachel Medina <rachelmedina@utah.gov>

Mon, Jun 30, 2014 at 11:22 AM

Kimball,

So how often do you plan on being out to this location?

Dustin

On Mon, Jun 23, 2014 at 1:18 PM, Kimball Hodges <khodges@rockiesstandard.com> wrote:

[Quoted text hidden]

[Quoted text hidden]

---

**Kimball Hodges** <khodges@rockiesstandard.com>  
To: Dustin Doucet <dustindoucet@utah.gov>  
Cc: Rachel Medina <rachelmedina@utah.gov>

Mon, Jul 7, 2014 at 4:06 PM

Sorry for the delayed response, I've been out of the office for the holiday.

As previously stated, since the well is TA with no open perforations (thus no risk of developing a leak), Rose believes it is unnecessary to check on the well on a weekly basis. Rose is planning to begin operations on this well in the 4th quarter. Until that time they would be happy to have someone go by the well on a monthly basis to check on it. Please let me know if this is satisfactory to you.

Thanks,  
Kimball

[Quoted text hidden]

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Dustin Doucet <dustindoucet@utah.gov>

Tue, Jul 15, 2014 at 8:48 AM

Are we accepting Rose's new plan or do we want something different?

[Quoted text hidden]

---

**Dustin Doucet** <dustindoucet@utah.gov>  
To: Rachel Medina <rachelmedina@utah.gov>  
Cc: "Dworshak, Clinton" <clintondworshak@utah.gov>, Joshua Payne <joshuapayne@utah.gov>

Wed, Jul 16, 2014 at 8:39 AM

I will accept a minimum of monthly visits with the understanding according to the plan that they will be doing work by the end of the year on the well. A new request for extended SI/TA will need to be requested at the end of the year.

[Quoted text hidden]

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 ML 48144
		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
		8 WELL NAME and NUMBER State 16-42
1 TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	2 NAME OF OPERATOR Rockies Standard Oil Company, LLC	
3 ADDRESS OF OPERATOR 1411 East 840 North Orem UT 84097		9 API NUMBER 4301931605
4 LOCATION OF WELL FOOTAGES AT SURFACE 2108 FNL 0559 FEL COUNTY Grand		10 FIELD AND POOL OR WILDCAT Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN SENE 16 22S 17E S 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 6/26/2014	<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 MIT
	<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.

Adler Hot Services rigged up to perform MIT. Filled casing. Pressured up to 1010 psi for 22 minutes. Tested good. Test witnessed by Kimball Hodges (Rockies Standard Oil Company) and Kristopher Gibbs(Adler Hot Oil Services). Bled off pressure on wellhead and rigged down. Met Mark Jones with DOGM on location. He took the time/pressure chart with him for the State's file.

NAME (PLEASE PRINT) <u>Kimball Hodges</u>	TITLE <u>Manager</u>
SIGNATURE 	DATE <u>6/27/2014</u>

(This space for State use only)

Please find attached a scan of the Sundry Notice that is being mailed to DOGM today to document the MIT performed on the State 16-42 well.

Thanks,  
Kimball

[Quoted text hidden]

---

 **State 16-42 MIT (6-26-14).pdf**  
196K

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Dustin Doucet <dustindoucet@utah.gov>

Mon, Jun 30, 2014 at 10:19 AM

Has an agreement been reached with DOGM and Rose Petroleum on the weekly pressure reporting?

----- Forwarded message -----

From: **Kimball Hodges** <khodges@rockiesstandard.com>

Date: Fri, Jun 27, 2014 at 4:05 PM

Subject: Re: State 16-42

[Quoted text hidden]

[Quoted text hidden]

---

 **State 16-42 MIT (6-26-14).pdf**  
196K

---

**Dustin Doucet** <dustindoucet@utah.gov>  
To: Rachel Medina <rachelmedina@utah.gov>

Mon, Jun 30, 2014 at 10:30 AM

Last I heard on it was my email to them, so havent' heard back from them.

[Quoted text hidden]

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Dustin Doucet <dustindoucet@utah.gov>

Mon, Jun 30, 2014 at 10:41 AM

Kimball sent the following on June 23rd.

Dustin,

Thank you for your response. The road to the State 16-42 well was bladed on Friday and is in good working condition. It is true that rain storms have periodically washed it out in a few places but we have been able to check on the well on a consistent basis. I understand your concerns about a valve being left open however this well does not have any perforations open. It has 2 CIBP's set above the perforations and 25' of cement on top of the top plug. It is effectively plugged. We are scheduled to perform the requested MIT test on Thursday at 10am. I've left a voicemail and sent an email to Bart Kettle letting him know about the MIT because he was present at the previous MIT we did on this well. You are welcome to join us as well if you would like.

Weekly pressure monitoring of a well that is effectively plugged and has no pressure seems excessive. Let me know your thoughts.

Rose is planning to begin testing the uphole zones in the State 16-42 wellbore in the near future.

Thanks!

Kimball

---

**Dustin Doucet** <dustindoucet@utah.gov>  
To: Rachel Medina <rachelmedina@utah.gov>

Thu, Jun 19, 2014 at 6:28 PM

It was sent to him.

[Quoted text hidden]

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Kimball Hodges <khodges@rockiesstandard.com>

Mon, Jun 23, 2014 at 11:55 AM

Did you see this from Dustin?

[Quoted text hidden]

---

**Kimball Hodges** <khodges@rockiesstandard.com>  
To: Rachel Medina <rachelmedina@utah.gov>, Dustin Doucet <dustindoucet@utah.gov>

Mon, Jun 23, 2014 at 1:18 PM

Rachel,

Thank you for forwarding this email to me as I didn't receive it.

Dustin,

Thank you for your response. The road to the State 16-42 well was bladed on Friday and is in good working condition. It is true that rain storms have periodically washed it out in a few places but we have been able to check on the well on a consistent basis. I understand your concerns about a valve being left open however this well does not have any perforations open. It has 2 CIBP's set above the perforations and 25' of cement on top of the top plug. It is effectively plugged. We are scheduled to perform the requested MIT test on Thursday at 10am. I've left a voicemail and sent an email to Bart Kettle letting him know about the MIT because he was present at the previous MIT we did on this well. You are welcome to join us as well if you would like.

Weekly pressure monitoring of a well that is effectively plugged and has no pressure seems excessive. Let me know your thoughts.

Rose is planning to begin testing the uphole zones in the State 16-42 wellbore in the near future.

Thanks!

Kimball

[Quoted text hidden]

—

**Kimball E. Hodges**  
1411 East 840 North  
Orem, UT 84097  
801-224-4771 office  
801-787-5351 cell

Confidentiality Notice—This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited. If you have received this communication in error, please consider the communication and any attachments as confidential and immediately notify sender by return e-mail and destroy the communication and any and all attachments.

---

**Kimball Hodges** <khodges@rockiesstandard.com>  
To: Rachel Medina <rachelmedina@utah.gov>, Dustin Doucet <dustindoucet@utah.gov>

Fri, Jun 27, 2014 at 4:05 PM



Rachel Medina <rachelmedina@utah.gov>

---

**State 16-42**

14 messages

**Rachel Medina** <rachelmedina@utah.gov>  
To: Dustin Doucet <dustindoucet@utah.gov>

Mon, Jun 16, 2014 at 11:26 AM

Kimball called...he said that Rose Petroleum has an MIT planned within the next 30 days, but would like you to reconsider the weekly pressure reporting on the well.

He said that it seemed odd, that Rose has several project that they have in the works on different wells they're permitting and to have someone go out each week would be difficult.

Thoughts?

You can reach Kimball at 1-801-787-5351 if you have questions.

—  
Rachel Medina  
Division of Oil, Gas & Mining  
Bonding Technician  
801-538-5260

---

**Dustin Doucet** <dustindoucet@utah.gov>  
To: Rachel Medina <rachelmedina@utah.gov>

Thu, Jun 19, 2014 at 2:51 PM

To have a field presence and inspect a well on a routine basis (i.e. once a week ) is customary and expected. Our field inspector tells us that the road to this well is washed out, so doesn't look like anyone has been there in a while. That is troubling. The fact that you don't think it is important to regularly inspect and maintain your wells is concerning. If a leak developed or a valve was turned or vandalism occurred etc., the well could be flowing for quite sometime before anyone noticed. If your pumper has a schedule that is a little bit different for visiting this wellsite, let me know and I can take that into consideration. Otherwise I would expect the conditions I lined out in my previous email to me met.

Dustin  
[Quoted text hidden]

—  
Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: [www.ogm.utah.gov](http://www.ogm.utah.gov)

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Dustin Doucet <dustindoucet@utah.gov>

Thu, Jun 19, 2014 at 4:05 PM

Should I forward this to Kimball?

[Quoted text hidden]

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

**ML 48144**

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 \_\_\_\_\_

8. WELL NAME and NUMBER:

**State 16-42**

2. NAME OF OPERATOR:  
**Rockies Standard Oil Company, LLC**

9. API NUMBER:  
**4301931605**

3. ADDRESS OF OPERATOR:  
1411 East 840 North CITY Orem STATE UT ZIP 84097

PHONE NUMBER:  
**(801) 224-4771**

10. FIELD AND POOL, OR WILDCAT:  
**Wildcat**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **2108 FNL 0559 FEL**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENE 16 22S 17E S**

COUNTY: **Grand**

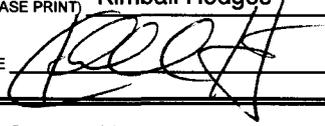
STATE: **UTAH**

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: <b>6/26/2014</b>	<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: <b>MIT</b>
	<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.

Adler Hot Services rigged up to perform MIT. Filled casing. Pressured up to 1010 psi for 22 minutes. Tested good. Test witnessed by Kimball Hodges (Rockies Standard Oil Company) and Kristopher Gibbs(Adler Hot Oil Services). Bled off pressure on wellhead and rigged down. Met Mark Jones with DOGM on location. He took the time/pressure chart with him for the State's file.

NAME (PLEASE PRINT) Kimball Hodges TITLE Manager  
SIGNATURE  DATE 6/27/2014

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

(See Instructions on Reverse Side)

(5/2000)

**RECEIVED**  
**JUL 01 2014**  
DIV. OF OIL, GAS & MINING

	Fidelity Exploration and Production Co	
	Gunnison Valley Unit State 16-42	
	Greentown Field	
Grand County, Utah	As-Is Wellbore Sketch	TD: 10,176' md / tvd
Drilling Considerations	Wellbore Information	Casing Info / Mud Info / Hole Size / Cement Specs

STRAIGHT HOLE WITH NATURAL DEVIATION

13-3/8" SOW X 13-5/8" 5M Braden Head  
 13-5/8" 5M X 13-5/8" 10M Casing Head  
 13-5/8" 10M X 11" 10M Pack-off  
 11" 10M X 7-1/16" 10M Tbghead  
 7-1/16" 10M X 2-9/16" x 1-13/16" 10M Tree



20" x 0.500" wall conductor set at 80' +/-  
 Spud w/ 17 1/2" bit

Cement to surface

TOC on 7" Casing is Surface according to  
 the Anadarko Bond Log 8-5-2012

13-3/8" 68.0 ppf J-55 at 1,500' +/-  
 Drilled out w/ 12-1/4" bit

MW 9.7 ppg WBM @ 7,090'

9-5/8" 53.50 ppf P-110 0' - 7,090' MD +/-  
 Drilled out w/ 9-7/8" x 8-1/2" Bi-Center bit

- 7,250' **Clastic Formation with Gas Shows**
- 7,520' **Clastic Formation with Gas Shows**
- 8,000' **Clastic Formation with Gas Shows**
- 8,200' **Clastic Formation with Gas Shows**
- 8,370' **Clastic Formation with Gas Shows**
- 8,650' **Clastic Formation with Gas Shows**
- 9,300' **Clastic Formation with Gas Shows**
- 9,500' **Clastic Formation with Gas Shows**

CIBP @ 9,650' with 25' of cmt above set 1/18/2010

CIBP @ 9,700' set 1/17/2010

Perforations were Frac'd with 131,000 lbs of Prop  
 & 161,000 gallons of Diesel 4/5/2010

CIBP @ 9,935'

Current Perforations 9,730' - 9,741'

Test Perforations 9,990' - 9,994'

Test Perforations 10,086' - 10,094'

CIBP @ 10,126'

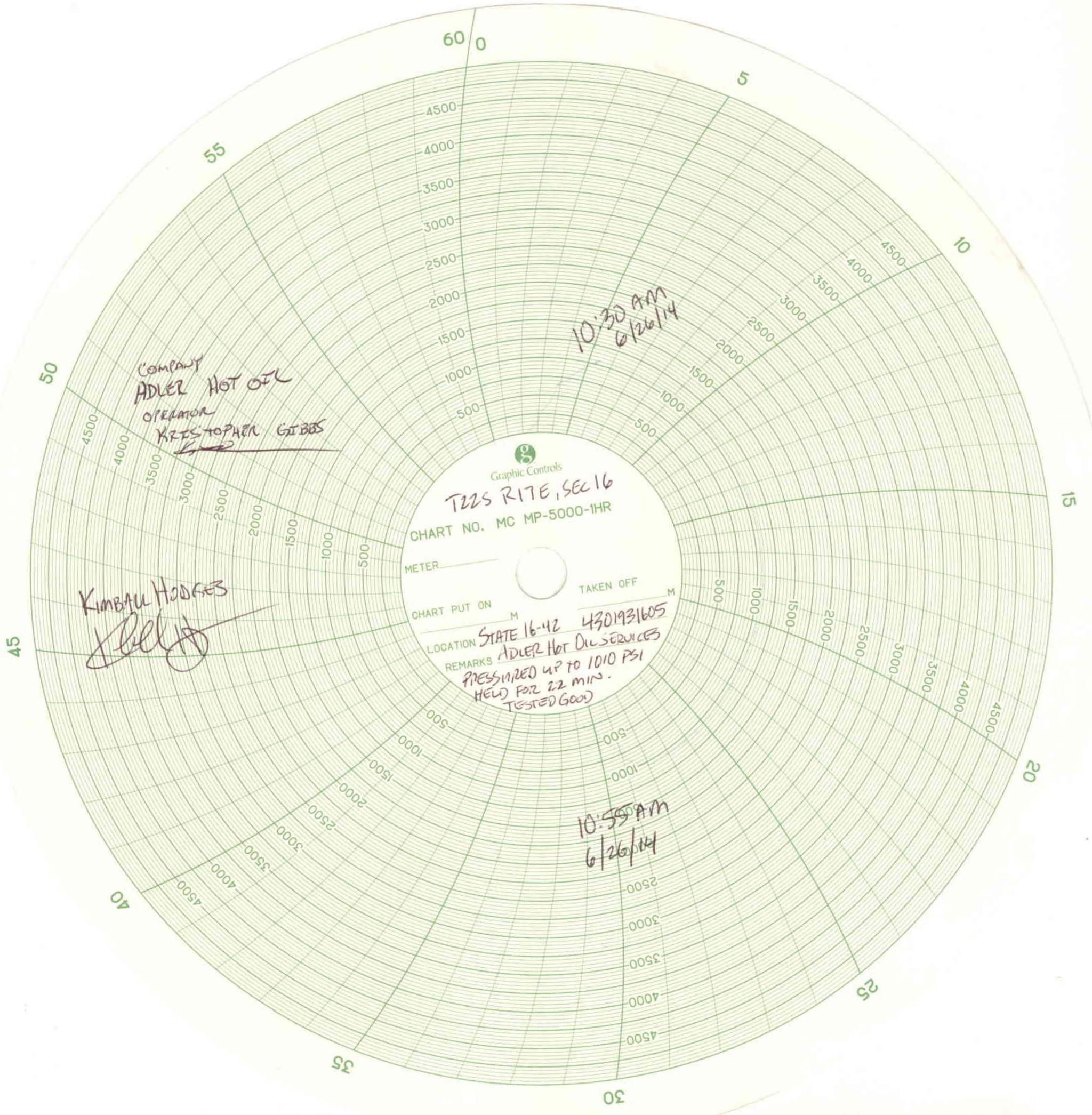
MW 13.2 ppg OBM @ TD

7" 41.0 ppf Q-125 LTC 0' - 6,061' TVD / MD  
 7" 52.97 ppf Q-125 ULTR Flush 6,061' - 10,176' TVD / MD

10,176' TVD / 10,176' MD

Well Information

RB Risien P.E. 3/25/2013



COMPANY  
ADLER HOT OIL  
OPERATOR  
CHRISTOPHER GIBBS

10:30 AM  
6/26/14

Graphic Controls  
TZ25 RITE, SEC 16  
CHART NO. MC MP-5000-1HR

Kimball Hodges  
*[Signature]*

METER \_\_\_\_\_  
CHART PUT ON \_\_\_\_\_ M TAKEN OFF \_\_\_\_\_ M  
LOCATION STATE 16-42 4301931605  
REMARKS ADLER HOT OIL SERVICES  
PRESSURIZED UP TO 1010 PSI  
HELD FOR 22 MIN.  
TESTED GOOD

10:55 AM  
6/26/14

<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> ML 48144	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b> GUNNISON VALLEY	
<b>8. WELL NAME and NUMBER:</b> STATE 16-42	
<b>9. API NUMBER:</b> 43019316050000	
<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT	
<b>COUNTY:</b> GRAND	
<b>STATE:</b> UTAH	

**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.

<b>1. TYPE OF WELL</b> Gas Well	
<b>2. NAME OF OPERATOR:</b> ROSE PETROLUUM (UTAH), LLC	
<b>3. ADDRESS OF OPERATOR:</b> 383 Inverness Parkway, Suite 330 , Englewood, CO, 80112	<b>PHONE NUMBER:</b> 720 390-3863 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2108 FNL 0559 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E Meridian: S	

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: 12/9/2014	<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.

Rose Petroleum (Utah) LLC respectfully requests approval for up-hole completion following the attached procedure.

Approved by the  
 Utah Director  
 Oil, Gas and Mining

Date: \_\_\_\_\_

By: Don Hamilton

<b>NAME (PLEASE PRINT)</b> Don Hamilton	<b>PHONE NUMBER</b> 435 650-3866	<b>TITLE</b> Permitting Agent
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/5/2014	



### State 16-42 Up-hole Completion Proposal

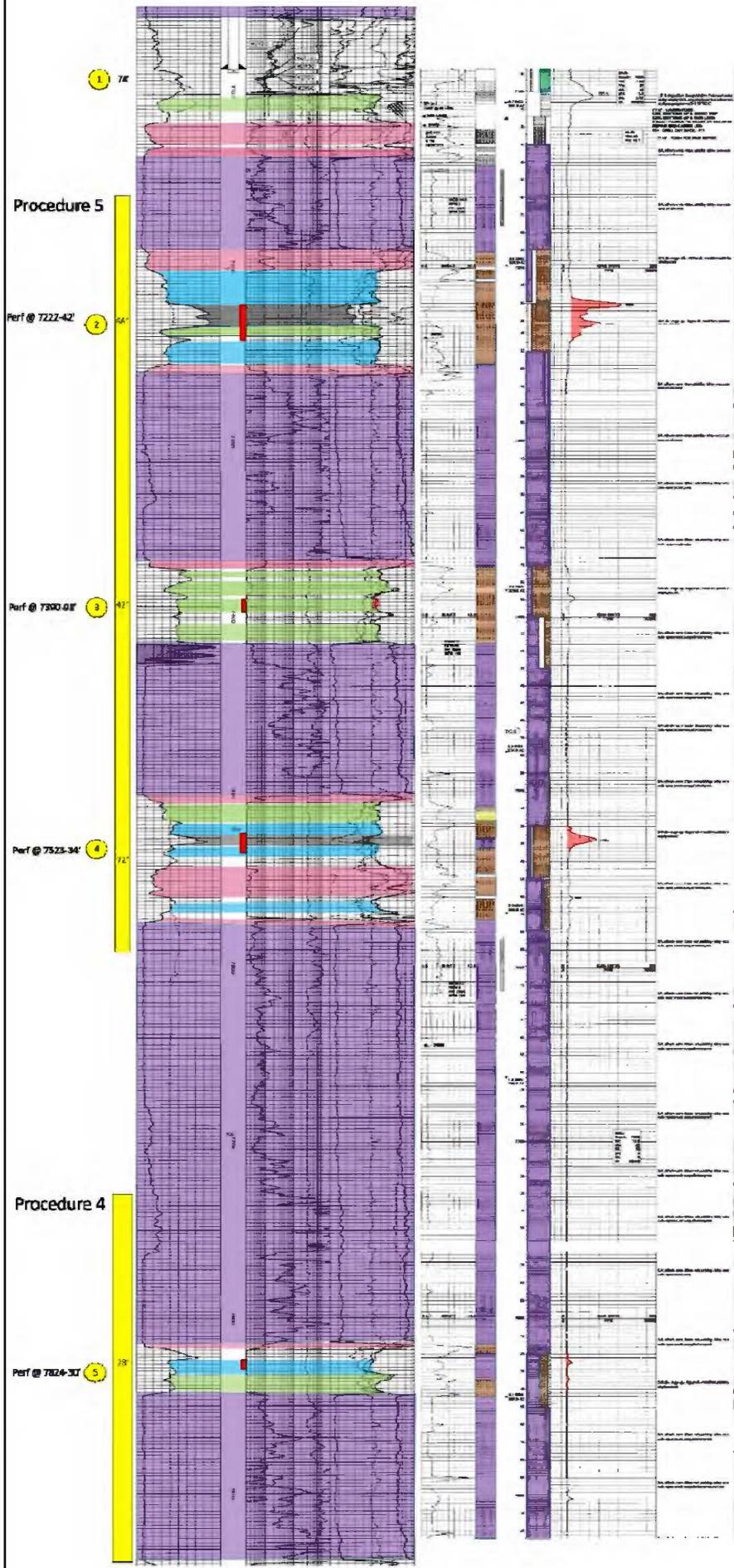
1. Rig up pump truck and pressure test casing to 5000 psi;
2. MI wireline truck to run a gauge ring (5.250") down to the top of the Cement +/- 9,525':
  - CIBP set @ 9,700' and 9,650';
  - Cement plug set from 9,650' to 9,525'
3. Rig up wireline with lubricator tested to 5,000 psi. RIH and shoot zones of interest. Perf clastic #16 first and flow well. RIH with 2 7/8 tbg and continue to flow well for test;

Segment 1:	Clasctics #16	9308' - 9336'	4 spf
Segment 2:	Clasctics #10, 11, 12	8633 - 8643'	4 spf
		8720 - 8726'	4 spf
		8753 - 8760'	4 spf
Segment 3:	Clasctics 7,8,9	8180 - 8190'	4 spf
		8366 - 8378'	4 SPF
		8479 - 8484'	4 SPF
Segment 4:	Clasctics 5,6	7824 - 7830'	4 spf
		8000 - 8025'	4 spf
Segment 5:	Clasctics 2,3,4	7222 - 7242'	4 spf
		7390 - 7398'	4 spf
		7523 - 7534'	4 spf

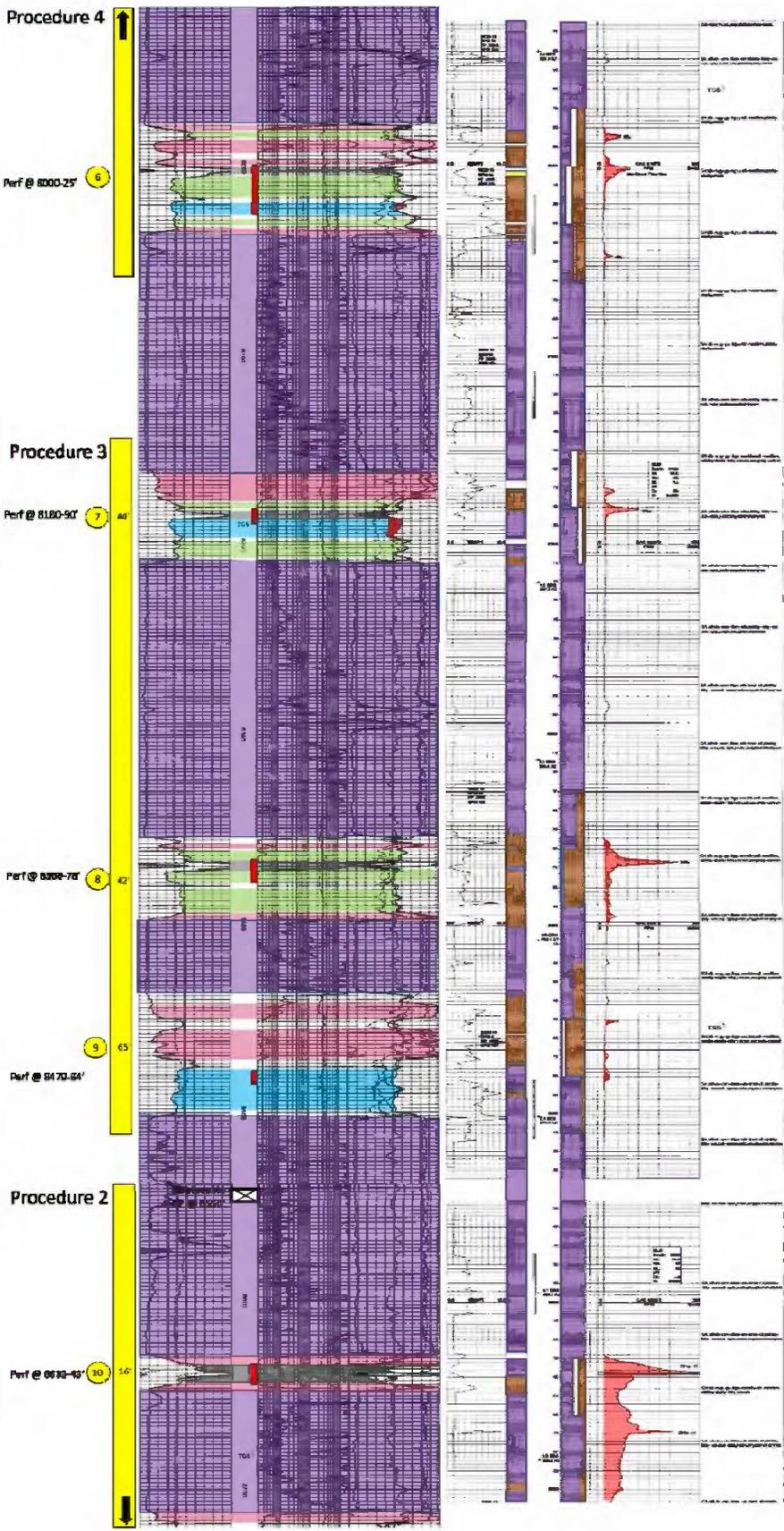
4. Have the flow testers rigged up by the time the perfs are shot;
5. Once well ceases flow then RIH with RBP and pressure gauges and set RBP above existing perfs;
6. Repeat sequence for 4 other grouped clastics;
7. Once all 5 added perf clusters have been perfed and tested MI CTU to clean out hole and return to production.



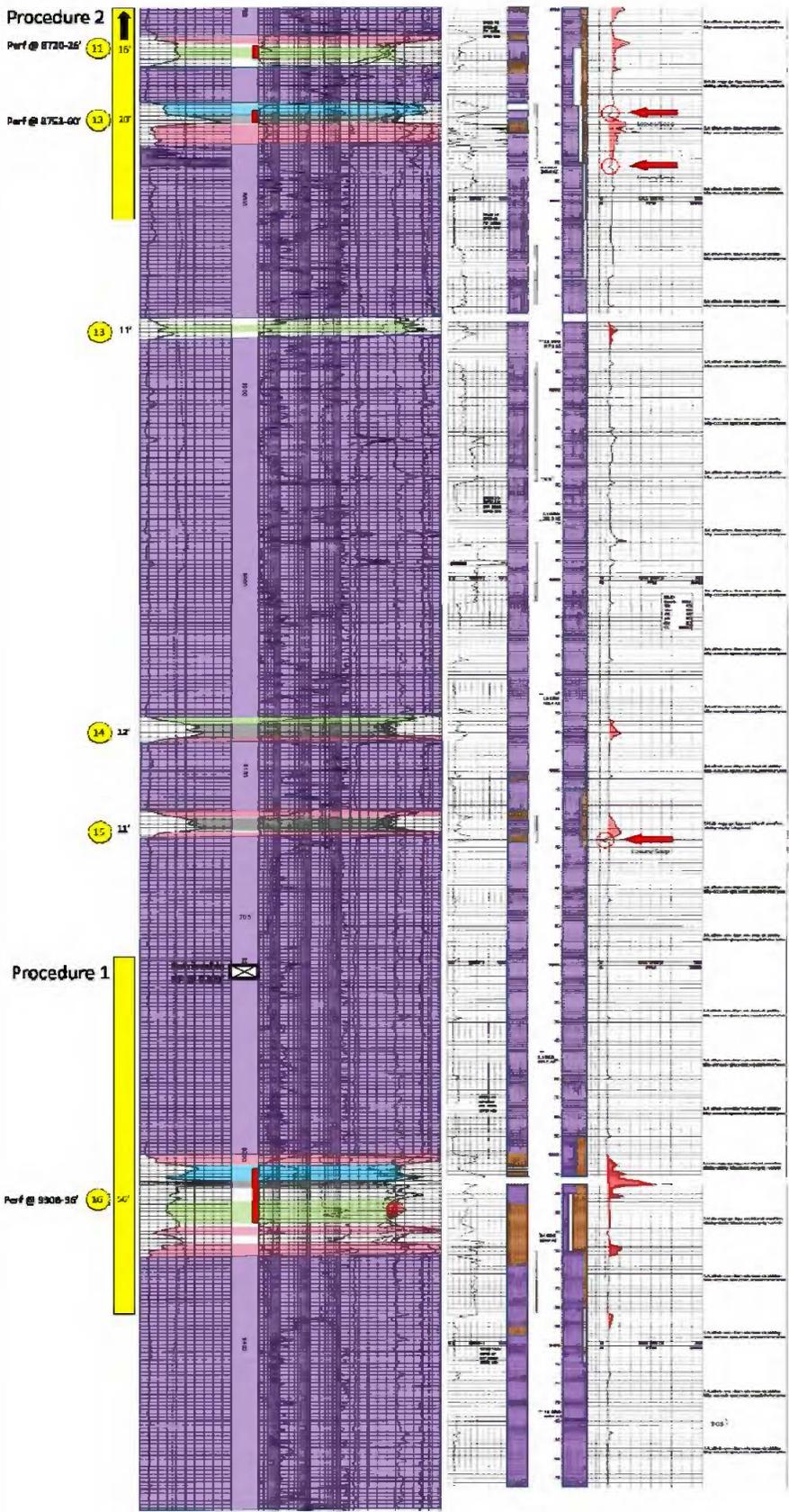
# Rose (Fidelity) State #16-42



# Rose (Fidelity) State #16-42



# Rose (Fidelity) State #16-42

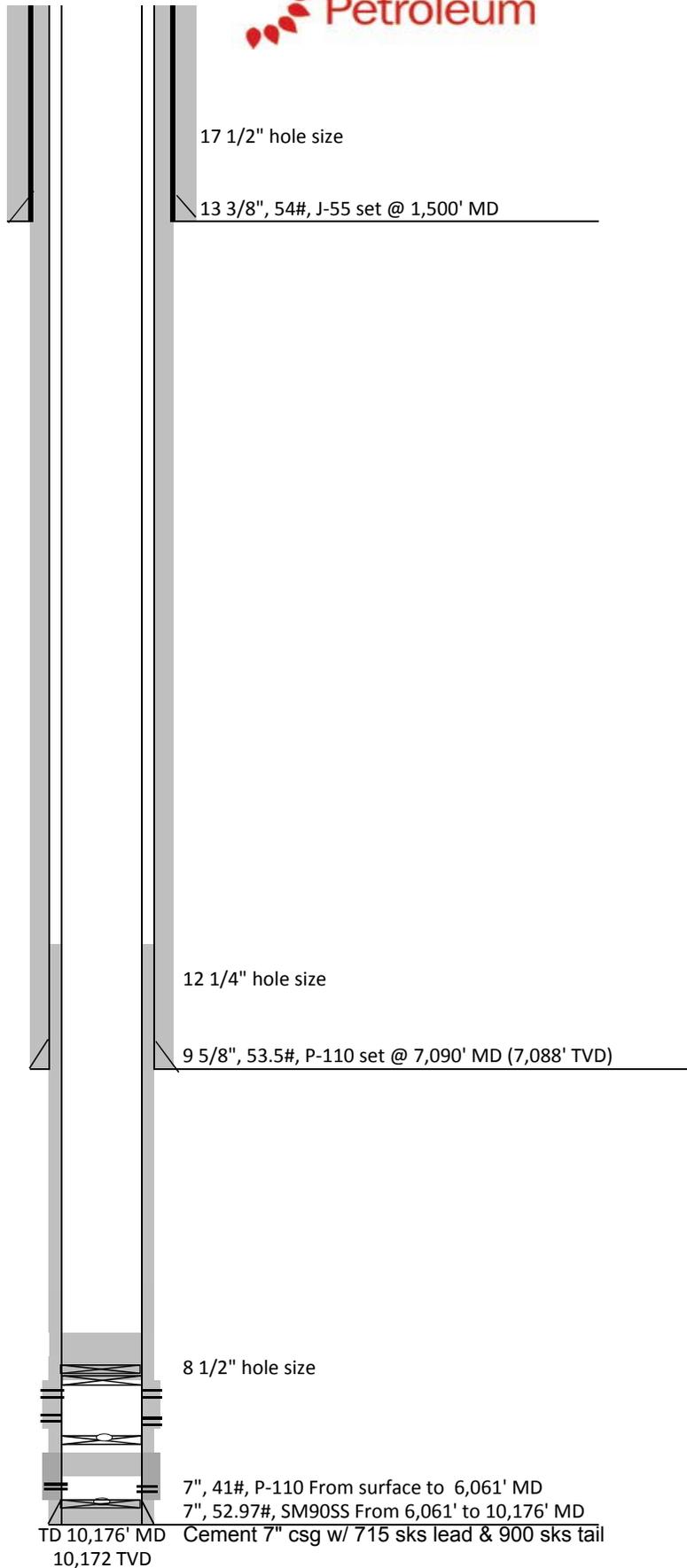




Rose Petroleum (US) LLC

Well Name/Number:	State #16-42
County, State:	Grand, Utah
Surface Location:	Section 16, T22S, R17E
Surface Footage:	2,108' FNL, 559' FWL
Bottom Hole Location:	Vertical Well
Bottom Hole Footages:	Vertical Well
Surface Latitude:	38° 53' 57.830 N
Surface Longitude:	110° 2' 35.460 W
API Number:	
Field/Prospect:	Paradox
Elevation:	4,241'
K.B. Elevation:	4,263'
K.B. to Ground Level:	22'
TD:	10,176'
PBTD:	
Date well TD:	13-Mar-14

schematic



**Frac Info**

Frac Trucks:	Halliburton
Frac Fluid:	Diesel
Amount (Gals)	161,000
Proppant Type:	Versaprop
Amount pumped (lbs.)	102,000
Average Frac Pressure:	7,793 psi
Average Pump Rate:	35.7 bbls/min
Max. Prop. Concentration	4 lbs/gal
Date Frac Performed:	5-Apr-09

Frac Volumes

Treatment (bbls):	3,249
Wellbore (bbls):	304
Total Volume (bbls):	3,553

Volume Recovered (bbls): 2,121

Cement Plug set f/9,525' to 9,650'  
CIBP set @ 9,700' and 9,650'  
Perfs f/9,890' to 9,894' / 9,738' to 9,741'  
CIBP set @ 9,935'  
Cement Plug set f/9,950' to 10,120'  
Perfs f/10,086' - 10,094'  
CIBP set @ 10,126'

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

AMENDED REPORT  FORM 8  
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**ML-48144**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
**State 16-42**

9. API NUMBER:  
**4301931605**

10. FIELD AND POOL, OR WILDCAT  
**GUNNISON VALLEY**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**SENE 16 22S 17E**

12. COUNTY **GRAND** 13. STATE **UTAH**

14. DATE SPUNDED: **1/12/2009** 15. DATE T.D. REACHED: **3/13/2009** 16. DATE COMPLETED: **1/30/2015**  
ABANDONED  READY TO PRODUCE  17. ELEVATIONS (DF, RKB, RT, GL): **4,241' (GL)**

18. TOTAL DEPTH: MD **10,183** 19. PLUG BACK T.D.: MD **8,510** 20. IF MULTIPLE COMPLETIONS, HOW MANY? \*  
TVD **10,179** TVD **8,508** 21. DEPTH BRIDGE MD **8,530**  
PLUG SET: TVD **8,528**

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

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 X52	105.5	0	40		sack <input checked="" type="checkbox"/> 20	4	surface	
17 1/2	13 3/8 J55	54	0	1,500	752	SJPR <input checked="" type="checkbox"/> 815	369	surface	
12 1/4	9 5/8 P11 <input checked="" type="checkbox"/>	53.5	0	7,090	3,540	HLC <input checked="" type="checkbox"/> 888	323	surface	
8 1/2	7 P11 <input checked="" type="checkbox"/>	41	0	10,176		Elastic <input checked="" type="checkbox"/> 1,6 <input checked="" type="checkbox"/>	467	surface	

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)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Paradox - Clastic <input checked="" type="checkbox"/>					9,308 9,336		112	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Paradox - Clastic <input checked="" type="checkbox"/>					8,865 9,133		88	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C) Paradox - Clastic <input checked="" type="checkbox"/>					8,633 8,760		92	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

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: completion repo

30. WELL STATUS:

SI

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE: 12/19/2014		HOURS TESTED: 168		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 0	WATER - BBL: 90	PROD. METHOD: Well Testing
CHOKE SIZE: Full open	TBG. PRESS. 0	CSG. PRESS. 0	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS: Plugged

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE: 1/6/2015		HOURS TESTED: 120		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 0	WATER - BBL: 50	PROD. METHOD: Well Testing
CHOKE SIZE: Full open	TBG. PRESS. 0	CSG. PRESS. 0	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS: Plugged

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE: 1/16/2015		HOURS TESTED: 96		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 0	WATER - BBL: 75	PROD. METHOD: Well Testing
CHOKE SIZE: Full open	TBG. PRESS. 0	CSG. PRESS. 0	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS: Plugged

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.)

n/a

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)
Paradox - Cane	9,683	9,775		Kaventa	2.105
				Windgate	2.195
				Chinile	2.579
				Moenkooi	2.924
				Cutler	3.526
				Orqan Rock	3.822
				Honaker Trail	4.920
				Cane Creek	9.638
				Shale #21	9.540
				Shale #24	9.815

35. ADDITIONAL REMARKS (Include plugging procedure)

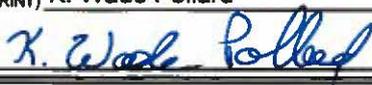
CIBP set @ 9,267', cement plug f/9,267'-9,247' - CIBP set @ 8,845', cement plug f/8,845'-8,825' - CIBP set @ 8,530', cement plu

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) K. Wade Pollard

TITLE VP Land

SIGNATURE



DATE 6/8/2015

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











Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 18-Dec-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: N/A  
 AFE Completion Cost:  
 Perfs: Top: 9,308' ft  
 Bottom: 9,336' ft

Rig/Crew:

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Arrived on location with Halliburton Wireline 4" Perforating guns (10', 10' and 8' total 28') 3 1/8-4" MaxForce Frac Scallop Exp 4 SPF Held pre-job safety meeting with all personnel. No measureable pressure on the wellbore.
7:30	10:30	3.0	Removed the 7 1/16" blind flange and installed Halliburton's 7 1/16" 10M btm flange wireline bop. Made the wireline lubricator with a weight bar and tested to 5,000 psi (Good test).
10:30	12:00	1.5	Removed the 7 1/16" blind flange and installed Halliburton's 7 1/16" 10M btm flange wireline bop. Made the wireline lubricator with a weight bar and tested to 5,000 psi (Good test).
12:00	13:30	1.5	M/U 18' of the 3 1/8-4" MaxForce Scallop Exp 4 SPF guns (Run #1), M/U the lubricator and RIH to 9,300' (Slight tight spot f/2,822' to 2,864'), imposed 2,460 psi onto the wellbore, logged the guns on depth f/9,336' to 9,318', Fire the guns, pressure on the wellbore climbed to 2,560 psi.
13:30	14:30	1.0	3. POOH with the discharged 4" guns, while POOH with the wireline the pressure fell from 2,562 psi to 1,672 psi. Once out of the hole secured the well with the 7 1/16" 10M gate valve leaving the trap pressure on the wellbore (1,672 psi), L/D the discharged 4" guns.
14:30	15:00	0.5	M/U 10' of the 3 1/8-4" MaxForce Scallop Exp 4 SPF guns (Run #2), M/U the lubricator, equalize the pressure by imposing 1,700 psi on the lubricator then open the 7 1/16" gate valve.
15:00	15:30	0.5	5. RIH with the 4" perforating guns, logged on depth (9,318' to 9,308'), wellbore pressure @ 2,508 psi, fire the guns and the pressure fell from 2,508 psi to 2,460'.
15:30	17:00	1.5	6. POOH with the discharged perf. Guns, L/D the same and R/D the lubricator and removed the wireline btm flanged bop. Note: Secured the well with 1,740 psi on the wellbore.
17:00	19:00	2.0	Installed the 7 1/16" 10M X 2 7/8" 10M production tree, tested the tree to 8,000 psi. Connected the production flow line from the Production tree to the flowline to the separator. Tested the line to 2,000 psi. Secured the Production tree.
Total Hrs:		12.0	

Cost Summary

	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Variance Daily: \$0.00  
 Variance Total: \$0.00

Daily Total: \$0.00  
 Cum. Total: \$0.00

Completion Supervisor: Mark Lewis



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 19-Dec-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, 5M9055  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Rig/Crew:

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: N/A  
 AFE Completion Cost:  
 Perfs: Top: 9,308' ft  
 Bottom: 9,336' ft

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Held a pre-job safety meeting.
7:30	9:00	1.5	Checked the pressure on the wellbore (1,625 psi). Hooked up the 1/4" Stainless tubing to the SCV (Automatic Shut Down Valve) with a Pneumatic Actuator. Function test same, functioned properly. Installed two temperature gauges on the separator.
9:00	9:30	0.5	Bled down the wellbore pressure slowly, bled down until the well was not flowing.
9:30	12:00	2.5	Shut-in the well. No pressure build up.
12:00	6:00	18.0	Will leave the well shut-in and monitor pressure build up Friday morning.
Total Hrs:		23.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Variance Daily: \$0.00  
 Variance Total: \$0.00

Daily Total: \$0.00  
 Cum. Total: \$0.00

Completion Supervisor: Mark Lewis



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 20-Dec-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: N/A  
 AFE Completion Cost:  
 Perfs: Top: 9,308' ft  
 Bottom: 9,336' ft

Rig/Crew:

From	To	Hrs	Operation in Sequence
6:00	9:00	3.0	Drove to the State 16-42 location to check the pressure build up over the last eighteen hrs. Pressure 625 psi. Bled off the pressure to monitor the well for flow.
9:00	10:00	1.0	Monitor the well to see if the well would flow. No Flow.
10:00	6:00	20.0	Shut-in the well.
			Note: Harrison Construction worked on the location access road to have the road ready to ensure we would not have problems getting the workover rig into the location Saturday morning.
			Harrison Construction hands offloaded the 2 7/8" Production tubing (283 jts.)
Total Hrs:			24.0

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Variance Daily: \$0.00  
 Variance Total: \$0.00

Daily Total: \$0.00  
 Cum. Total: \$0.00

Completion Supervisor: Mark Lewis



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 21-Dec-14  
 Well Name: State 16-42  
 Location: Section 16, T225 R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Rig/Crew: 5

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53 5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: N/A  
 AFE Completion Cost:  
 Perfs: Top: 9,308' ft  
 Bottom: 9,336' ft

From	To	Hrs	Operation in Sequence
7:00	12:00	5.0	Monitor wellbore pressures. Pressure @ 12:00pm - 925 psi. Bled off the pressure to 0 psi. Monitor for flow, very slight flow. 1 hour to flowback 5 gals.
12:00	13:30	1.5	The workover rig (Piceance Well Service) and associated equipment arrive on location @ 12:00pm. Set in place the fluid tank and the fluid pump.
13:30	16:00	2.5	Removed the flowline, N/D and removed the 2 9/16" 10M production tree. N/U the 7 1/16" BOP and the Washington head.
16:00	18:30	2.5	Set the workover rig in place, raised the derrick, connected the guide wires to the anchors and secured. Set the rig floor and rigged up.
Total Hrs:			11.5

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Variance Daily: \$0.00  
 Variance Total: \$0.00

Daily Total: \$0.00  
 Cum. Total: \$0.00

Completion Supervisor: Mark Lewis



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	22-Dec-14	API:	43019316050000
Well Name:	State 16-42	County:	Grand State: Utah
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft
Field:	Gunnison Valley	Original RKB Elevation:	22' ft
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)
Conductor:	20" X 80'		
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD		
Production Casing/Liner:	7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS	Tubing:	2 7/8", L-80, 6.5#, EUE
Frac String/Tieback:	N/A 6,061' to 10,176'	AFE Completion Cost:	
Wellbore Info:	Total Depth MD: 10,176	Perfs: (RKB 22')	Top: 9,308' ft
	TVD: 10,172		Bottom: 9,336' ft
Personnel:	9		

From	To	Hrs	Operation in Sequence																
7:00	8:30	1.5	Shut-in pressure - 300 psi, Bled down the pressure, and ckeck for flow. Very slight flow. Finish R/U while monitoring the well.																
8:30	9:00	0.5	P/U and set the test plug (Tubing hanger), screw in the hold down pins to energize the seals.																
9:00	11:30	2.5	Tested the tubing rams and the blind rams, 300 psi low (5mins) and 5,000 psi high (10 mins.) Tested the two TIW valves to 5,000 psi. (Good). Door seal leaked on the blind rams, open the blind rams and cleaned the door seal, Retested to 5,000 psi (Good test). One TIW valve did not test, ordered another TIW valve.																
11:30	19:30	8.0	M/U the pump seat, 2 jts of 2 7/8" tbg, and tbg anchor. Tally, P/U and RIH f/surface to 9,293' with the 2 7/8" tbg, 6.5#, N-80, EUE. (Rabbit tbg)																
19:30	21:00	1.5	String weight - 46K, P/U weight - 48K, S/O weight - 45K. Land the 2 7/8" tbg hanger, secured the tbg hanger hold down pins. Note: Pump seat nipple depth @ 9,283', tbg anchor depth @ 9,215' Secured the well, close the 7 1/16" 10M gate valve and the 7 1/16" bop blind rams.																
			<table border="1"> <thead> <tr> <th>Item</th> <th>Length</th> </tr> </thead> <tbody> <tr> <td>Pump Seat Nipple (2.280" ID)</td> <td>0.98</td> </tr> <tr> <td>1jt of 2 7/8" tubing (2.441" ID)</td> <td>32.86</td> </tr> <tr> <td>1jt of 2 7/8" tubing</td> <td>32.73</td> </tr> <tr> <td>2 7/8 tbg anchor-Hyd.(2.441" ID)</td> <td>1.20</td> </tr> <tr> <td>281 jt of 2 7/8" tubing</td> <td>9193.20</td> </tr> <tr> <td>Total:</td> <td>9260.97</td> </tr> <tr> <td>KB 22':</td> <td>9282.97</td> </tr> </tbody> </table>	Item	Length	Pump Seat Nipple (2.280" ID)	0.98	1jt of 2 7/8" tubing (2.441" ID)	32.86	1jt of 2 7/8" tubing	32.73	2 7/8 tbg anchor-Hyd.(2.441" ID)	1.20	281 jt of 2 7/8" tubing	9193.20	Total:	9260.97	KB 22':	9282.97
Item	Length																		
Pump Seat Nipple (2.280" ID)	0.98																		
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Total:	9260.97																		
KB 22':	9282.97																		
Total Hrs:		14.0																	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Variance Daily: \$0.00  
Variance Total: \$0.00

Daily Total: \$0.00  
Cum. Total: \$0.00

Completion Supervisor: Mark Lewis



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 23-Dec-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 6

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost:  
 Perfs: (RKB 22') Top: 9,308' ft  
 Bottom: 9,336' ft

From	To	Hrs	Operation In Sequence
7:00	7:30	0.5	Checked pressure on the well. Annulus - 20 psi, Tubing 0 psi.
7:30	8:30	1.0	M/U lines so be able to circulate down the tubing and take returns from the annulus. Rehead swabbing line while circulating.
8:30	10:30	2.0	Circulated to ensure the tubing is free of debris. While circulating found that most of the wellbore is Saltwater.
10:30	12:00	1.5	N/D the 7 1/16" bop and removed the 7 1/16" 10M frac valve.
12:00	13:30	1.5	N/U the 7 1/16" 10M X 2 9/16" 10M production tree. Tested same to 5,000 psi (Good test).
13:30	15:00	1.5	M/U the swabbing lubricator, prepared the swabbing unit.
15:00	18:00	3.0	Swabbing fluid from the well. Swabbed a total of 58 bbls. Well volume 197 bbls annulus, 54 bbls tubing = 251 bbls total volume. Estimated hydrostatic pressure on the formation before swabbing - 4,598 psi, estimated hydrostatic pressure on the formation after swabbing 61 bbls of saltwater/diesel/oil from the well - 3,449 psi. Secured the well.
Total Hrs:		11.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Variance Daily: \$0.00  
 Variance Total: \$0.00

Daily Total: \$0.00  
 Cum. Total: \$0.00

Completion Supervisor: Mark Lewis



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 24-Dec-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, 5M90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 5

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost:  
 Perfs: (RKB 22') Top: 9,308' ft  
 Bottom: 9,336' ft

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. Tubing - 50 psi, Annulus - 50 psi
7:30	11:00	3.5	Prepared the WO rig to swab fluid from the well. Started out with new swab rubbers. Swabbed fluid from the well. Averaged 5 to 9 bbls per swab run. After 7 swab runs (44 bbls) the actuator valve on the production tree shut-in due to low nitrogen pressure.
11:00	11:30	0.5	Changed out the nitrogen bottle and opened the actuator valve (Automatic Shut Down Valve).
11:30	17:00	5.5	Continued to swab fluid from the well. Made a total of 17 swab runs for the day, a total of 113.5 bbls swabbed from the well. Total fluid swabbed from the well the last two days - 174.5 bbls. Estimated fluid level - 6,148'. Estimated hydraulic pressure - 1,560 psi. Shut-in and secured the well
Total Hrs:		10.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Variance Daily: \$0.00  
 Variance Total: \$0.00

Daily Total: \$0.00  
 Cum. Total: \$0.00

Completion Supervisor: Mark Lewis / Charlie Harrison



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	<u>30-Dec-14</u>	API:	<u>43019316050000</u>
Well Name:	<u>State 16-42</u>	County:	<u>Grand</u> State: <u>Utah</u>
Location:	<u>Section 16, T22S R17E</u>	Surface Hole Location:	<u>2,108' FNL, 559' FWL</u>
GPS Coord:	<u>Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W</u>	Ground Elevation:	<u>4,241'</u> ft
Field:	<u>Gunnison Valley</u>	Original RKB Elevation:	<u>22'</u> ft
Spud Date:	<u>9-May-09</u>	Intermediate Casing:	<u>9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)</u>
Conductor:	<u>20" X 80'</u>	Production Casing/Liner:	<u>7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS</u> Tubing: <u>2 7/8", L-80, 6.5#, EUE</u>
Surface Casing:	<u>13 3/8", 54#, J-55 set 1500' MD</u>	Frac String/Tieback:	<u>N/A</u> 6,061' to 10,176' AFE Completion Cost:
Wellbore Info:	Total Depth MD: <u>10,176</u>	Wellbore Info:	Perfs: Top: <u>9,308'</u> ft
	TVD: <u>10,172</u>		original RKB 22' Bottom: <u>9,336'</u> ft
Personnel:	<u>4</u>		

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. Tubing - 15 psi, Annulus - 15 psi
7:30	8:00	0.5	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups.
8:00	14:30	6.5	RIH with the swabbing tool to check for the fluid level, fluid level estimate at 6,200'. Swabbed fluid from the well. Made a total of 9 swab runs for the day for a total of 78 bbls swabbed from the well. Fluid swabbed from the well was mostly saltwater. 174.5 bbls swabbed from the well prior to today, plus the 78 bbls today for a total of 252.5 bbls. Total wellbore volume 251 bbls. While swabbing fluid from the well today the fluid level was fluctuating from 6,100' to 6,500'
14:30	15:00	0.5	Shut-in and secured the well
Total Hrs:		<b>8.0</b>	

Cost Summary					
	Company	Cost	Company	Cost	
Variance Costs					
Item					

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis / Charlie Harrison

Daily Total: \$0.00  
Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 1-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 4

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost: \_\_\_\_\_  
 Perfs: Top: 9,308' ft  
 original RKB 22' Bottom: 9,336' ft

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. Tubing - 0 psi, Annulus - 30 psi
7:30	8:00	0.5	Prepared the WO rig to P/U the lubricator and install new swab cups.
8:00	10:00	2.0	RIH with the swabbing tool to check for the fluid level, fluid level estimate at 6,098'. Swabbed fluid from the well (9 bbls - Saltwater). R/D Shut-in and secured the well
10:00	15:00	5.0	Performed mainteance on the tongs and changed out the tong cable Unload the 7 1/16" 10M gate valve delivered from Cameron. Changed out a door seal on the 7 1/16" 5M BOP.
Total Hrs:		<b>8.0</b>	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$0.00  
 Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 2-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 7

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost:  
 Perfs: Top: 9,308' ft  
 original RKB 22' Bottom: 9,336' ft

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. Tubing - 0 psi, Annulus - 20 psi
7:30	8:00	0.5	Set BPV. N/D and removed the 7 1/16" 10M X 2 9/16" 10M Production Tree.
8:00	10:00	2.0	N/U the 7 1/16" 10M gate valve. DSA, 7 1/16" 5M BOP.
10:00	10:30	0.5	Set Two-way check valve and fill the BOP stack with fluid.
10:30	12:30	2.0	Tested the 2 7/8" tubing rams & the blind rams, 250 psi low (5mins), 5,000 psi high (10 mins.). Tested TIW valves to 5,000 psi. (Good) Changed out a door seal to the blind rams.
12:30	13:00	0.5	Removed the Two-way check valve.
13:00	14:00	1.0	POOH with the 2 7/8" tbg f/9,283' to 6,013'
14:00	15:30	1.5	Fill void in the 2 7/8" tbg and csg annulus with fluid (diesel). Void f/6,100' to surface. 172 bbls. Slug tbg with 20 bbls of 10.5 seawater.
15:30	18:00	2.5	Continued POOH f/6,013' to surface. Removed and L/D tbg hydraulic anchor. Shut-in and secured the well
Total Hrs:		<b>11.0</b>	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$0.00  
 Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 5-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 10

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost:  
 Perfs: Top: 9,308' ft  
 original RKB 22' Bottom: 9,336' ft

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well, wellhead pressure - 0 psi
7:30	8:30	1.0	Removed the 7 1/16" 5M bop leaving the 7 1/16" 10M gate valve on.
8:30	12:00	3.5	Halliburton arrived on location. Spot the wireline truck in position, R/U wireline equipment, rehead the wireline, M/U the CIBP (OD 4.85") Setting range from 5.22" to 5.59"
12:00	14:00	2.0	RIH "slowly" f/surface to 9,280', set the CIBP @ 9,267', POOH f/9,267' to surface, L/D the setting tool.
14:00	17:00	3.0	M/U the 40' cement dump baller, Make two dump baller runs, Cement f/9,267' to 9,247' (20' cement plug). Cement - Class G "Halcem™ System", Density - 15.8 ppg, Yield 1.15 ft <sup>3</sup> /sack, Total Mix Fluid 4.97 gal/sack. Additives: Halad-344 - 0.15 (% BWOC), HR-5 (% BWOC)
17:00	17:30	0.5	Shut-in and secured the well
17:30	18:00	0.5	Installed the 7 1/16" 10M flanged lubricator change over with night cap.
Total Hrs:		11.0	

Variance Costs	Cost Summary					
	Company	Cost	Company	Cost	Company	Cost
Item						

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$0.00  
 Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 6-Jan-14  
Well Name: State 16-42  
Location: Section 16, T22S R17E  
GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
Field: Gunnison Valley  
Spud Date: 9-May-09  
Conductor: 20" X 80'  
Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
Frac String/Tieback: N/A 6,061' to 10,176'  
Wellbore Info: Total Depth MD: 10,176  
TVD: 10,172  
Personnel: 9

API: 43019316050000  
County: Grand State: Utah  
Surface Hole Location: 2,108' FNL, 559' FWL  
Ground Elevation: 4,241' ft  
Original RKB Elevation: 22' ft  
Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
Tubing: 2 7/8", L-80, 6.5#, EUE  
AFE Completion Cost:  
Perfs: Top: 9,124' 9,075' 8,865'  
original RKB 22' Bottom: 9,133' 9,082' 8,871'

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well, wellhead pressure - 0 psi
7:30	8:30	1.0	Tested the 7" csg / CIBP / Cement plug to 5,000 psi, held on a chart for 15 mins. Good test.
8:30	12:00	3.5	Installed the wireline BOP and M/U the Lubricator, M/U the 4" Gun, M/U the lubricator to the wireline BOP, Test the lubricator to 3,000 psi.
12:00	14:00	2.0	RIH with the 4" perforating guns (Perforating gun description - 4" MaxForce Frac Scallop Exp 4 SPF), logged on depth @ 8,650 & 9,130', once on depth, imposed 1,500 psi to the wellbore, Shoot the perforations f/9,124' to 9,133' (1), Pulled up the hole to the next perforations, logged on depth, fire the perforating gun, perforation f/9,075' to 9,082' (2). Operator reading a short in line, POOH & L/D the gun assembly.
14:00	15:30	1.5	Disassembled the perforating gun assembly to determine the problem (short). Fixed the short.
15:30	16:30	1.0	M/U the 4" Gun assembly, M/U the lubricator to the wireline BOP, Test the lubricator to 3,000 psi. RIH with the 4" perforating guns, log on depth and fire the perforating gun, perforations f/8,865' to 8,871' (3). POOH f/8,865' to surface, shut-in the 7 1/16" 10M gate valve.
16:30	17:30	1.0	L/D the lubricator and the gun assembly, R/D and backload the wireline equipment, removed the wireline bop and set on transfer carrier.
17:30	18:00	0.5	Installed the 7 1/16" 10M blind flange on top of the gate valve. Bled down the wellbore pressure to check to see if well will flow. Monitored the well for an hour, well flowing slightly, estimated 5 gals/hr. Shut-in the well and secure the well.
			Note: After shooting the first perforations the pressure increased from 1,500 psi to 1,600 psi. Pressure after shooting the second perforations the pressure increased f/1,600 psi to 1,650 psi. Gained 50 pis after firing perforations #3.
Total Hrs:		11.0	

Variance Costs	Cost Summary					
	Company	Cost	Company	Cost	Company	Cost
Item						

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$0.00  
Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 7-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 7

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost:  
 Perfs: Top: 9,124' 9,075' 8,865'  
 original RKB 22' Bottom: 9,133' 9,082' 8,871'

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well, wellhead pressure - 400 psi, pressure bled down fast then very slight flow.
7:30	9:00	1.5	Removed the 7 1/16" 10M blind flange, N/U the 7 1/16" 5M BOP, installed the test plug.
9:00	10:30	1.5	Tested the 2 7/8" tubing rams & blind rams, 250 psi low (5mins), 5,000 psi high (10 mins). Tested TIW valves to 5,000 psi. (Good).
10:30	12:30	2.0	RIH with the 2 7/8" tubing f/surface to 8,857', land the 2 7/8" tubing with the tbg hanger. Note: Top perforation @ 8,865'.
12:30	15:00	2.5	N/D the 7 1/16" 5M BOP, N/U the 7 1/16" 10M X 2 9/16" 10M production tree. Tested same to 5,000 psi (Good test).
15:00	15:30	0.5	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups.
15:30	17:30	2.0	Made 5 swab runs, swabbed a total of 60 bbls of diesel from the wellbore.
17:30	18:00	0.5	Shut-in the well and secure the well.
Total Hrs:		11.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$0.00  
 Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 8-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, 5M90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 6

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost:  
 Perfs: Top: 9,124' 9,075' 8,865'  
 original RKB 22' Bottom: 9,133' 9,082' 8,871'

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. Tubing - 0 psi, Annulus - 0 psi
7:30	8:30	1.0	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups. Note: end of the 2 7/8" tbg @ 8,857'.
8:30	17:30	9.0	RIH with the swabbing tool to check for the fluid level, fluid level estimate at 3,500'. Swabbed fluid from the well. Made a total of 16 swab runs for the day for a total of 143 bbls of fluid swabbed from the well. Fluid swabbed diesel and saltwater. 60 bbls swabbed from the well prior to today, plus the 143 bbls today for a total of 203 bbls. Total wellbore volume 240 bbls @ 8,857' Last swab run estimated top of the fluid at 6,800' Shut-in and secured the well
Total Hrs:		10.5	

	Cost Summary					
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$0.00  
 Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 9-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 6

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090'MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost:  
 Perfs: Top: 9,124' 9,075' 8,865'  
 original RKB 22' Bottom: 9,133' 9,082' 8,871'

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. Tubing - 0 psi, Annulus - 0 psi
7:30	8:30	1.0	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups. Note: end of the 2 7/8" tbg @ 8,857'.
8:30	16:00	7.5	RIH with the swabbing tool to check for the fluid level, fluid level estimate at 6,100'. Swabbed fluid from the well. Made a total of 10 swab runs for the day for a total of 47 bbls of fluid swabbed from the well. Fluid swabbed - diesel and saltwater 203 bbls swabbed from the well the prior two days, plus the 47 bbls today for a total of 250 bbls. Total wellbore volume 240 bbls @ 8,857' Last swab run estimated top of the fluid at 8,800'. Will monitor the well. Shut-in and secured the well
Total Hrs:		9.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs						
Item						

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$0.00  
 Cum. Total: \$0.00



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	10-Jan-14	API:	43019316050000
Well Name:	State 16-42	County:	Grand State: Utah
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft
Field:	Gunnison Valley	Original RKB Elevation:	22' ft
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)
Conductor:	20" X 80'		
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD	Tubing:	2 7/8", L-80, 6.5#, EUE
Production Casing/Liner:	7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS	AFE Completion Cost:	\$ 1,500,000.00
Frac String/Tieback:	N/A 6,061' to 10,176'	Perfs:	Top: 9,124' 9,075' 8,865'
Wellbore Info:	Total Depth MD: 10,176	original RKB 22'	Bottom: 9,133' 9,082' 8,871'
	TVD: 10,172		
Personnel:	7		

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. Tubing - 0 psi, Annulus - 0 psi
7:30	9:30	2.0	R/U the swab tool, RIH with the swabbing tool to check for the fluid level, fluid level estimate at 7,950', swabbed 4 bbls (diesel), R/D.
9:30	12:00	2.5	Circulate diesel to fill the 2 7/8" tubing and the 7" csg, 240 bbls total. Circulated until we were pumping diesel down the tubing and had good diesel returns.
12:00	13:00	1.0	R/U the Halliburton pump truck to the Production tree, test the pump line to 7,000 psi
13:00	15:00	2.0	Pumped 1/2 bbl/min, after pumping 8 1/2 bbls with the pressure @ 6,380 psi the pressure broke over, pumping into the perfs/formation 6,380' X 19.23 / 8,865' = 13.9 ppg + 8.0 ppg (diesel) = to 21.9 ppg EMW. bled down the pressure, Shut-in the well and secured.
15:00	15:30	0.5	R/D Halliburton's pump lines, transfer the fluid to the production produced water tank.
Total Hrs:		8.5	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$0.00	Pineance Well Service, Inc.	\$3,563.00		\$0.00
	Cameron (vavie \$150/day)	\$150.00	Vision Oil Tools, LLC.	\$0.00		\$0.00
	Halliburton	\$5,643.27		\$0.00		\$0.00
	Red & Black Supply	\$0.00		\$0.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$9,356.27  
Cum. Total: \$9,356.27



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 13-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: Total Depth MD: 10,176  
 TVD: 10,172  
 Personnel: 5

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost: \$ 1,500,000.00  
 Perfs: Top: 9,124' 9,075' 8,865'  
 original RKB 22' Bottom: 9,133' 9,082' 8,871'

From	To	Hrs	Operation in Sequence
7:30	8:00	0.5	Checked pressure on the well. Tubing - 400 psi, Annulus - 600 psi, Bled down the pressure and observed the well (no flow).
8:00	17:30	9.5	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups. Note: end of the 2 7/8" tbg @ 8,857'. Made a total of 17 swab runs for the day for a total of 182 bbls of fluid swabbed from the well. Last swab run fluid level estimated at 5,600'  Note: After swabbing out 42 bbls with the previous fluid down at 4,900', the next run down with the swab cups they were not able to get down past 1,500', POOH with swab tool, removed the swab cups, RIH with just the swab tool without the swab cups, worked the swab tool past 1,500' down to 6,000', POOH installed the swab cups and continued to swab fluid from the well. First sample swabbed out after not being able to get down was thick fluid. Looks to be contaminated fluid. Mostly diesel swabbed from the well.  Shut-in and secured the well
Total Hrs:		10.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$3,000.00	Pineance Well Service, Inc.	\$3,566.50		\$0.00
	Cameron (w/avie \$150/day)	\$150.00	Vision Oil Tools, LLC	\$0.00		\$0.00
	Halliburton	\$0.00		\$0.00		\$0.00
	Red & Black Supply	\$0.00		\$0.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$6,716.50  
 Cum. Total: \$16,072.77



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	14-Jan-14	API:	43019316050000
Well Name:	State 16-42	County:	Grand State: Utah
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft
Field:	Gunnison Valley	Original RKB Elevation:	22' ft
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090'MD (7088' TVD)
Conductor:	20" X 80'		
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD	Tubing:	2 7/8", L-80, 6.5#, EUE
Production Casing/Liner:	7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS	AFE Completion Cost:	\$ 1,500,000.00
Frac String/Tieback:	N/A 6,061' to 10,176'	Perfs:	Top: 9,124' 9,075' 8,865'
Wellbore Info:	Total Depth MD: 10,176	original RKB 22'	Bottom: 9,133' 9,082' 8,871'
	TVD: 10,172		
Personnel:	8		

From	To	Hrs	Operation in Sequence
7:30	8:00	0.5	Checked pressure on the well. Tubing - 0 psi, Annulus - 0 psi.
8:00	9:30	1.5	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups. Note: end of the 2 7/8" tbg @ 8,857'. RIH with the swab tool to check the level of the fluid. Fluid level at 6,000'. Made a total of 2 swab runs for a total of 20 bbls. Fluid swabbed out of the well was diesel. Total fluid swabbed from the well was 202 bbls. R/D the swab tool.
9:30	11:00	1.5	Pumped to fill the 2 7/8" tbg and 7" csg annulus with diesel.
11:00	12:30	1.5	Removed the 7 1/16" 10M X 2 7/8" 10M Production tree and installed the 7 1/16" 10M gate valve and the 7 1/16" 5M BOP.
12:30	14:30	2.0	Set Two-way check valve and fill the BOP stack with fluid (50/50 methanol/fresh water mix). Tested the 2 7/8" tubing rams & the blind rams, 250 psi low (5mins), 5,000 psi high (10 mins.). Tested the TiW valves to 5,000 psi. (Good). Removed the Two-way check valve.
14:30	16:30	2.0	Removed and L/D the 2 7/8" tbg hanger, POOH with the 2 7/8" tbg f/8,857' to surface.
16:30	17:30	1.0	Removed the 2 7/8" 5M BOP, and install the 7 1/16" 10M blind flange. Shut-in and secured the well.
Total Hrs:		10.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$1,000.00	Pineance Well Service, Inc.	\$5,465.00		\$0.00
	Cameron (w/ve \$150/day)	\$1,588.00	Vision Oil Tools, LLC.	\$480.00		\$0.00
	Halliburton	\$0.00	Zunich Bros. Mechanical	\$93.60		\$0.00
	Red & Black Supply	\$0.00		\$0.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$8,626.60  
Cum. Total: \$24,699.37



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	15-Jan-14	API:	43019316050000
Well Name:	State 16-42	County:	Grand State: Utah
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft
Field:	Gunnison Valley	Original RKB Elevation:	22' ft
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090'MD (7088' TVD)
Conductor:	20" X 80'	Production Casing/Liner:	7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS Tubing: 2 7/8", L-80, 6.5#, EUE
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD	Frac String/Tieback:	N/A 6,061' to 10,176' AFE Completion Cost: \$ 1,500,000.00
Wellbore Info:	PB Depth MD: 8,825'	Wellbore Info:	TVD: 8,825'
Perfs:		original RKB 22'	Top: 9,124' 9,075' 8,865'
Personnel:	9	Bottom:	9,133' 9,082' 8,871'

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. 7" csg annulus - 250 psi, bled down the pressure, monitor the well (No flow).
7:30	10:00	2.5	Removed the 7 1/16" 5M bop leaving the 7 1/16" 10M gate valve on. Installed the 5M lubricator flange. Halliburton arrived on location. Spot the wireline truck in position, R/U wireline equipment, rehead the wireline, M/U the CIBP (OD 4.85") setting range from 5.22" to 5.59"
10:00	11:30	1.5	RIH "slowly" f/surface to 8,855', log on depth @ 8,545' (short jt. 26'), set the CIBP @ 8,845', POOH f/8,845' to surface, L/D the CIBP setting tool.
11:30	14:00	2.5	M/U the 40' cement dump bailer, Make two dump bailer runs, Cement Plug f/8,845' to 8,825' (20' cement plug). Cement - Class G "Halcem™ System", Density - 15.8 ppg, Yield 1.15 ft3/sack, Total Mix Fluid 4.97 gal/sack. Additives: Halad-344 - 0.15 (% BWOC), HR-5 (% BWOC) Shut-in and secured the well
Total Hrs:		7.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$0.00	Pineace Well Service, Inc.	\$3,750.00		\$0.00
	Cameron (via \$150/day)	\$150.00	Vision Oil Tools, LLC.	\$0.00		\$0.00
	Halliburton - CIBP/Cement	\$8,763.28	Zunich Bros. Mechanical	\$0.00		\$0.00
	Red & Black Supply	\$0.00	Grand Rental Center	\$1,200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

0

Completion Supervisor: Mark Lewis

Daily Total: \$13,863.28  
Cum. Total: \$38,562.65



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	16-Jan-14	API:	43019316050000
Well Name:	State 16-42	County:	Grand State: Utah
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft
Field:	Gunnison Valley	Original RKB Elevation:	22' ft
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)
Conductor:	20" X 80'	Tubing:	2 7/8", L-80, 6.5#, EUE
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD	AFE Completion Cost:	\$ 1,500,000.00
Production Casing/Liner:	7", 41#, P-110 set to 6,061' MD. 7", 52.97#, 5M90SS	Perfs:	Top: 8,753' 8,720' 8,633'
Frac String/Tieback:	N/A 6,061' to 10,176'	original RKB 22'	Bottom: 8,760' 8,726' 8,643'
Wellbore Info:	PB Depth MD: 8,825'		
	TVD: 8,825'		
Personnel:	9		

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. 7" csg annulus - 10 psi, bled down the pressure, monitor the well (No flow).
7:30	8:30	1.0	Tested the 7" csg / CIBP / Cement plug to 5,000 psi, held on a chart for 15 mins. Good test.
8:30	9:30	1.0	Installed the wireline BOP and M/U the Lubricator, M/U 4" Perf. guns, M/U the lubricator to the wireline BOP, Test the lubricator to 3,000 psi.
9:30	10:30	1.0	RIH with the 4" perforating guns (Perforating gun description - 4" MaxForce Frac Scallop Exp 4 SPF), logged on depth @ 8,545' (short jt. 26'), once on depth, imposed 1,000 psi to the wellbore, Shoot the perforations f/8,753' to 8,760' (7'). Pulled up the hole to the next perforations, logged on depth, fired the perforating gun, perforations f/8,720' to 8,726' (6'). Pulled up the hole to the next perforations, Logged on depth, fired the perforating gun, perforations f/8,633' to 8,643' (10').
10:30	12:30	2.0	POOH f/8,633' to surface, shut-in the 7 1/16" 10M gate valve, L/D WL lubricator & the gun assembly, R/D & backload the wireline equipment, Installed the 7 1/16" 10M blind flange on top of the gate valve. Bled down the wellbore pressure to check to see if well will flow.
12:30	14:30	2.0	Monitored the well, no flow Shut-in the well and secure the well.
Total Hrs:		7.5	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$19,990.04	Pineance Well Service, Inc.	\$3,610.00		\$0.00
	Cameron (valve \$150/day)	\$835.00	Vision Oil Tools, LLC.	\$480.00		\$0.00
	Halliburton - Perf. Guns	\$18,112.29	Zunich Bros. Mechanical	\$0.00		\$0.00
	Red & Black Supply	\$0.00	Grand Rental Center	\$200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$43,227.33  
Cum. Total: \$81,789.98



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 17-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 set to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: PB Depth MD: 8,825'  
 TVD: 8,825'

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090'MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost: \$ 1,500,000.00  
 Perfs: Top: 8,753' 8,720' 8,633'  
 original RKB 22' Bottom: 8,760' 8,726' 8,643'

Personnel: 9

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. 7" csg annulas - 800 psi, bled down the pressure, monitor the well (No flow).
7:30	10:00	2.5	R/U the Halliburton pump truck to the 10M wellhead, test the pump line to 8,000 psi. Note: Pump not pumping, problem in suction valve.
10:00	11:00	1.0	Held a PJSM with all personnel before the pumping operation. Pump rate 1 bbl/min, after pumping 8 bbls with csg pressure @ 6,498psi, pumping into the perfs/formation, pumped a total of 2 bbls into the perfs/formation, Shut down the pump after pumping a total 10 bbls, monitor pressure for 15 minutes after shutting down the pump, pressure drop after 5 mins - 6,235 psi, 10 mins - 6,196 psi, 15 mins - 6,170 psi.
11:00	11:30	0.5	R/D Halliburton's pump lines, transfer the fluid to the production produced water tank.
11:30	12:00	0.5	Bled down the csg pressure slowly from 6,150 psi to 0 psi.
12:00	15:00	3.0	Monitored the well, flow very slight. Shut-in the well and secure the well.
Total Hrs:		8.0	

Cost Summary

	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$790.00	Pineance Well Service, Inc.	\$5,025.00		\$0.00
	Cameron (w/avle \$150/day)	\$150.00	Vision Oil Tools, LLC.	\$0.00		\$0.00
	Halliburton - Pump truck	\$4,102.62	Zunich Bros. Mechanical	\$0.00		\$0.00
	Red & Black Supply	\$0.00	Harrison Constr. - Forklift	\$200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$10,267.62  
 Cum. Total: \$92,057.60



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 18-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80"  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 surface to 6,061' MD. 7", 52.97#, SM9055  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: PB Depth MD: 8,825'  
 TVD: 8,825'  
 Personnel: 7

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost: \$ 1,500,000.00  
 Perfs: Top: 8,753' 8,720' 8,633'  
 original RKB 22' Bottom: 8,760' 8,726' 8,643'

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. 7" csg annulus - 600 psi, bled down the pressure, bled 8 bbls from the well, monitor the well (Slight flow).
7:30	9:00	1.5	Removed the 7 1/16" 10M blind flange, N/U the 7 1/16" 5M BOP, installed the test plug.
9:00	10:00	1.0	Tested the 2 7/8" tubing rams & blind rams, 250 psi low (5mins), 5,000 psi high (10 mins). Tested TIW valves to 5,000 psi. (Good).
10:00	10:30	0.5	RIH with 10 stds (20 jts.) of 2 7/8" tubing. L/D the 20 joints.
10:30	12:30	2.0	RIH with the 2 7/8" tubing f/surface to 8,596' (131 stds), land the 2 7/8" tubing with the tbq hanger. Note: Top perforation @ 8,633'.
12:30	13:30	1.0	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups.
13:30	14:00	0.5	Made 1 swab run, swabbed a total of 6 bbls of diesel from the wellbore. Note: on swab run #2 the swivel backed off the swab tool, swab tool weight bar, knuckle jt and swivel fell down the 2 7/8" tbq and the swab cups landed in the pump seat nipple @ 8,596'.
14:00	16:00	2.0	Monitor the well while lining up overshot (fish neck 1.5") tools to fish out the swab tool. Ordered a mud bucket if we can not fish out the swab assembly we will POOH and retrieve the swab assembly. Fishing tools can not make it to the location until after dark, can not run the sand line after dark. Will fish the swab assembly out of the 2 7/8" tbq in the morning. Shut-in the well and secure the well.
			Note: From 13:30pm today until we are swabbing again the rig is on zero rate and Piceance Well Service will pay for the fishing tools.
Total Hrs:		9.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$0.00	Pineance Well Service, Inc.	\$3,869.00		\$0.00
	Cameron (Test & valve \$150/day)	\$1,350.00	Vision Oil Tools, LLC.	\$480.00		\$0.00
	Halliburton	\$0.00	Zunich Bros. Mechanical	\$0.00		\$0.00
	Red & Black Supply	\$0.00	Harrison Constr. - Forklift	\$200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$5,899.00  
 Cum. Total: \$97,956.60



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	19-Jan-14	API:	43019316050000
Well Name:	State 16-42	County:	Grand State: Utah
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft
Field:	Gunnison Valley	Original RKB Elevation:	22' ft
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090'MD (7088' TVD)
Conductor:	20" X 80'		
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD	Tubing:	2 7/8", L-80, 6.5#, EUE
Production Casing/Liner:	7", 41#, P-110 surface to 6,061' MD. 7", 52.97#, SM90SS	AFE Completion Cost:	\$ 1,500,000.00
Frac String/Tieback:	N/A 6,061' to 10,176'	Perfs:	Top: 8,753' 8,720' 8,633'
Wellbore Info:	PB Depth MD: 8,825'	original RKB 22'	Bottom: 8,760' 8,726' 8,643'
	TVD: 8,523'		
Personnel:	6		

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressure on the well. 2 7/8" tbg - 0 psi, 7" csg annulus - 0 psi.
7:30	9:30	2.0	M/U the fishing assembly (1 1/2" grapple), Run in, latch onto swab assembly, POOTbg 1/8,596' to surface, swabbed 5 bbls of fluid, L/D the fish.
9:30	10:00	0.5	M/U swab assembly (swivel, knuckle joint, weight bar, swab cups), redo the safety flag indicator on the fast line.
10:00	15:00	5.0	Prepared the WO rig to swab fluid from the well. P/U the lubricator and install new swab cups. Note: Pump seat nipple @ 8,596'. Made a total of 11 swab runs for the day for a total of 106 bbls of fluid swabbed from the well. Last swab run fluid level estimated at 3,200' <b>Note:</b> After the 4th swab run the only fluid swabbed to surface was saltwater (9.7 ppg), total saltwater swabbed from the well - 60 bbls.
15:00	15:30	0.5	L/D the swab tool and the lubricator. Shut-in the well and secure the well.
Total Hrs:		8.5	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$0.00	Pineance Well Service, Inc.	\$2,916.00		\$0.00
	Cameron (gate valve \$150/day)	\$150.00	Vision Oil Tools, LLC.	\$480.00		\$0.00
	Halliburton	\$0.00	Zunich Bros. Mechanical	\$0.00		\$0.00
	Red & Black Supply	\$0.00	Harrison Constr. - Forklift	\$200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$3,746.00  
Cum. Total: \$101,702.60



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	20-Jan-14	API:	43019316050000	State:	Utah
Well Name:	State 16-42	County:	Grand		
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL		
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft		
Field:	Gunnison Valley	Original RKB Elevation:	22' ft		
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)		
Conductor:	20" X 80'				
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD	Tubing:	2 7/8", L-80, 6.5#, EUE		
Production Casing/Liner:	7", 41#, P-110 surface to 6,061' MD. 7", 52.97#, SM90SS	AFE Completion Cost:	\$ 1,500,000.00		
Frac String/Tieback:	N/A 6,061' to 10,176'	Perfs:	Top: 8,753' 8,720' 8,633'		
Wellbore Info:	PB Depth MD: 8,825'	original RKB 22'	Bottom: 8,760' 8,726' 8,643'		
	TVD: 8,523'				
Personnel:	4				

From	To	Hrs	Operation in Sequence
7:30	8:00	0.5	Checked pressures on the well. 2 7/8" tbg - 100 psi, 7" csg annulus - 10 psi. Bled off pressure (No flow).
8:00	12:00	4.0	Prepared the WO rig to swab fluid from the well. P/U the lubricator and installed new swab cups. Note: Pump seat nipple @ 8,596'. Made 7 swab runs for a total of 72 bbls of fluid swabbed from the well. Last swab run fluid level estimated at 6,000'.
12:00	13:00	1.0	Transferred fluid (Diesel) from the WO rig fluid tank to the diesel holding tank.
13:00	17:30	4.5	Continued to swab fluid from the well. Made 7 swab runs for a total of 64 bbls of fluid swabbed from the well. Checked the fluid level after the last swab run, estimated at 8,400'. For the day there was 136 bbls of fluid swabbed from the well, 15 bbls salt, 121 bbls diesel
17:30	18:00	0.5	L/D the swab tool and the lubricator. Shut-in the well and secure the well.
			Note: After the 2nd swab run this morning all fluid swabbed from the well was diesel. The indication is that formation salt has plugged the perforations that were allowing the saltwater intrusion into the wellbore.
Total Hrs:		10.5	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$0.00	Pineance Well Service, Inc.	\$3,981.00		\$0.00
	Cameron (gate valve \$150/day)	\$150.00	Vision Oil Tools, LLC.	\$480.00		\$0.00
	Halliburton	\$0.00	Zunich Bros. Mechanical	\$0.00		\$0.00
	Red & Black Supply	\$0.00	Harrison Constr. - Forklift	\$200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$4,811.00  
Cum. Total: \$106,513.60



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 21-Jan-14  
 Well Name: State 16-42  
 Location: Section 16, T22S R17E  
 GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
 Field: Gunnison Valley  
 Spud Date: 9-May-09  
 Conductor: 20" X 80'  
 Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
 Production Casing/Liner: 7", 41#, P-110 surface to 6,061' MD. 7", 52.97#, SM90SS  
 Frac String/Tieback: N/A 6,061' to 10,176'  
 Wellbore Info: PB Depth MD: 8,825'  
 TVD: 8,523'

API: 43019316050000  
 County: Grand State: Utah  
 Surface Hole Location: 2,108' FNL, 559' FWL  
 Ground Elevation: 4,241' ft  
 Original RKB Elevation: 22' ft  
 Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
 Tubing: 2 7/8", L-80, 6.5#, EUE  
 AFE Completion Cost: \$ 1,500,000.00  
 Perfs: Top: 8,753' 8,720' 8,633'  
 original RKB 22' Bottom: 8,760' 8,726' 8,643'

Personnel: 3

From	To	Hrs	Operation In Sequence
7:30	8:00	0.5	Checked pressures on the well. 2 7/8" tbg - 10 psi, 7" csg annulus - 0 psi. Bled off pressure (No flow).
8:00	10:00	2.0	Prepared the WO rig to RIH with the swab tool, M/U the lubricator and RIH to check where the top of the fluid is. Tagged top of fluid @ 8,500' POOH with the swab tool, L/D the swab tool and the lubricator. Shut-in the well and secure the well.
10:00	15:30	5.5	Clean the rig with a power washer.
Total Hrs:		8.0	

Cost Summary						
	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$0.00	Pineance Well Service, Inc.	\$2,050.00		\$0.00
	Cameron (Test & valve \$150/day)	\$150.00	Vision Oil Tools, LLC.	\$0.00		\$0.00
	Halfiburton	\$0.00	Zunich Bros. Mechanical	\$0.00		\$0.00
	Red & Black Supply	\$0.00	Harrison Constr. - Forklift	\$200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
 Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$2,400.00  
 Cum. Total: \$108,913.60



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date: 26-Jan-14  
Well Name: State 16-42  
Location: Section 16, T22S R17E  
GPS Coord: Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W  
Field: Gunnison Valley  
Spud Date: 9-May-09  
Conductor: 20" X 80'  
Surface Casing: 13 3/8", 54#, J-55 set 1500' MD  
Production Casing/Liner: 7", 41#, P-110 surface to 6,061' MD. 7", 52.97#, SM90SS  
Frac String/Tieback: N/A 6,061' to 10,176'  
Wellbore Info: PB Depth MD: 8,825'  
TVD: 8,523'  
Personnel: 6

API: 43019316050000  
County: Grand State: Utah  
Surface Hole Location: 2,108' FNL, 559' FWL  
Ground Elevation: 4,241' ft  
Original RKB Elevation: 22' ft  
Intermediate Casing: 9 5/8", 53.5#, P-110 @ 7090' MD (7088' TVD)  
Tubing: 2 7/8", L-80, 6.5#, EUE  
AFE Completion Cost: \$ 1,500,000.00  
Perfs: Top: 8,753' 8,720' 8,633'  
original RKB 22' Bottom: 8,760' 8,726' 8,643'

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressures on the well. 2 7/8" tbg - 10 psi, 7" csg annulus - 20 psi. Bled off pressure (No flow).
7:30	9:30	2.0	Prepared the WO rig to RIH with the swab tool, M/U the lubricator and RIH to check where the top of the fluid is. Tagged top of fluid @ 8,500' POOH with the swab tool, L/D the swab tool and the lubricator.
9:30	11:30	2.0	Connected pump lines, pumped diesel down the csg annulus taking returns up the tubing. Pumped 185 bbls before returns at surface. returns from btm of the well was a thick slush (5 bbls)
11:30	14:00	2.5	P/U and removed the 2 7/8" tubing hanger, POOH with the 2 7/8" tbg f/8,596' to surface.
14:00	16:00	2.0	Removed the 7 1/16" 5M BOP and installed the 7 1/16" 10M blind flange on the 7 1/16" 10M gate valve. Shut-in the well and secure the well.
<b>Total Hrs:</b>		<b>9.0</b>	

Cost Summary

	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$8,475.00	Pineance Well Service, Inc.	\$5,675.00		\$0.00
	Cameron (Gate Valve \$150/day)	\$750.00	Vision Oil Tools, LLC.	\$1,440.00		\$0.00
	Halliburton	\$0.00	Zunich Bros. Mechanical	\$93.00		\$0.00
	Red & Black Supply	\$0.00	Harrison Constr. - Forklift	\$1,000.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$17,433.00  
Cum. Total: \$126,346.60



Rose Petroleum (UTAH) LLC  
Completion/Workover Report

Date:	28-Jan-14	API:	43019316050000
Well Name:	State 16-42	County:	Grand State: Utah
Location:	Section 16, T22S R17E	Surface Hole Location:	2,108' FNL, 559' FWL
GPS Coord:	Lat. 38° 53' 57.830 N, Long. 110° 2' 35.460 W	Ground Elevation:	4,241' ft
Field:	Gunnison Valley	Original RKB Elevation:	22' ft
Spud Date:	9-May-09	Intermediate Casing:	9 5/8", 53.5#, P-110 @ 7090'MD (7088' TVD)
Conductor:	20" X 80'	Tubing:	2 7/8", L-80, 6.5#, EUE
Surface Casing:	13 3/8", 54#, J-55 set 1500' MD	AFE Completion Cost:	\$ 1,500,000.00
Production Casing/Liner:	7", 41#, P-110 surface to 6,061' MD. 7", 52.97#, 5M9055	Perfs:	Top: Bottom:
Frac String/Tieback:	N/A 6,061' to 10,176'	original RKB 22'	
Wellbore Info:	PB Depth MD: 8,510' TVD: 8,508'		
Personnel:	9		

From	To	Hrs	Operation in Sequence
7:00	7:30	0.5	Checked pressures on the well. 2 7/8" tbg - 5 psi, 7" csg annulus - 10 psi. Bled off pressure (No flow).
7:30	9:30	2.0	Halliburton arrived on location. Spot the wireline truck in position, R/U wireline equipment, rehead the wireline, M/U the CIBP (OD 4.85") setting range from 5.22" to 5.59". Removed the 7 1/16" 10M blind flange.
9:30	11:00	1.5	RIH "slowly" f/surface to 3,500', while RIH with the CIBP the CCL/GR malfunctioned, POOH to change out the CCL/GR logging tool. Changed out the malfunctioned CCL.
11:00	12:00	1.0	RIH "slowly" f/surface to 8'580', log on depth @ 8,545' (short jt. 26'), set the CIBP @ 8,530', POOH f/8,530' to surface, L/D the CIBP setting tool.
12:00	15:00	3.0	M/U a 40' cement dump bailer, Make two dump bailer runs, Cement Plug f/8,530' to 8,510' (20' cement plug). Cement - Class G "Halcem™ System", Density - 15.8 ppg, Yield 1.15 ft3/sack, Total Mix Fluid 4.97 gal/sack. Additives: Halad-344 - 0.15 (% BWOC), HR-5 (% BWOC) Shut-in and secured the well
Total Hrs:		8.0	

Cost Summary

	Company	Cost	Company	Cost	Company	Cost
Variance Costs		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
Item	Harrison Construction	\$700.00	Pineance Well Service, Inc.	\$3,685.00		\$0.00
	Cameron (Gate valve \$150/day)	\$150.00	Vision Oil Tools, LLC.	\$0.00		\$0.00
	Halliburton	\$23,161.00	Zunich Bros. Mechanical	\$93.00		\$0.00
	Red & Black Supply	\$0.00	Harrison Constr. - Forklift	\$200.00		\$0.00

Assigned AFE: 14001

Variance Daily: \$0.00  
Variance Total: \$0.00

Completion Supervisor: Mark Lewis

Daily Total: \$27,989.00  
Cum. Total: \$154,335.60







GARY R. HERBERT  
Governor

SPENCER J. COX  
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

June 25, 2015

CERTIFIED MAIL NO. 7014 2870 0001 4232 4498

Mr. Ty Watson  
Rose Petroleum (Utah), LLC  
383 Inverness Parkway, Suite 330  
Englewood, CO 80112

43 019 31605  
State 16-42  
16 22S 17E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Ty Watson:

As of January 2015, Rose Petroleum (Utah), LLC ("Rose Petroleum") has one (1) State Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

The referenced well was completed May 20, 2009 and has never produced. Please note that this well has been SI/TA for over five (5) years and is required to meet the five year rule as listed below.

Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT



Page 2  
Rose Petroleum (Utah), LLC  
June 25, 2015

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

**All Submittals should be sent via ePermit**

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
Enclosure

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
1	STATE 16-42	43-019-31605	ML-48144	5 years 3 months

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML 48144
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ROSE PETROLUEM (UTAH), LLC	7. UNIT or CA AGREEMENT NAME: GUNNISON VALLEY
3. ADDRESS OF OPERATOR: 383 Inverness Parkway, Suite 330 , Englewood, CO, 80112	8. WELL NAME and NUMBER: STATE 16-42
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2108 FNL 0559 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E Meridian: S	9. API NUMBER: 43019316050000
5. ADDRESS OF OPERATOR: 383 Inverness Parkway, Suite 330 , Englewood, CO, 80112	9. FIELD and POOL or WILDCAT: WILDCAT
6. PHONE NUMBER: 720 390-3863 Ext	COUNTY: GRAND
7. STATE: UTAH	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: 12/14/2014	<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 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 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: 100px;" type="text"/>

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

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

Date: July 28, 2015

By: *Derek Duff*

**Please Review Attached Conditions of Approval**

NAME (PLEASE PRINT) K. Wade Pollard	PHONE NUMBER 720 390-3862	TITLE VP of Land
SIGNATURE N/A	DATE 7/14/2015	



**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 43019316050000**

**Approval valid through 12/31/2015. Continued periodic monitoring of casing pressures required.**



Rose Petroleum (US) LLC  
383 Inverness Parkway, Suite 330  
Englewood, Colorado 80112  
Telephone: 720-390-3860  
Facsimile: 303-845-9713

July 14<sup>th</sup>, 2015

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

RE: Extended Shut-in and Temporary Abandoned well request - State 16-42

Dear Mr. Doucet,

Pursuant to your letter dated June 25, 2015; attached for reference purposes, please find below and attached the requested information in order to consider the continuation of the Shut-In/TA status of the Rose Petroleum State 16-42 well (API 43-019-31605)

- 1) Current Wellbore Diagram – Attached
- 2) Casing Pressure test: 2 pressure test (pressured to 5,000 psi) were completed on 1-4-15 & 1-15-15. Pictures of the reports are attached.
- 3) Well Pressure- as of 7-2-15  
    Tubing Pressure: 0 psi  
    Casing Pressure: 0 psi  
    Annuli Pressure: 0 psi
- 4) Fluid level in wellbore: well is full of completion fluid (diesel)

As the subject well was subject to completion work in the last 6 months, the equipment associated to this well is in good working condition, and as well as multiple pressure test completed with pressure results that indicate the well is in a mechanical stable condition we respectfully request an extension of the Shut-in/TA status. The main reason we request this status be upheld is to allow for our 3-D seismic program to be completed and to potentially test alternative depths in this well at a later date.

Please contact the undersigned should there be any questions on this well.

Regards,

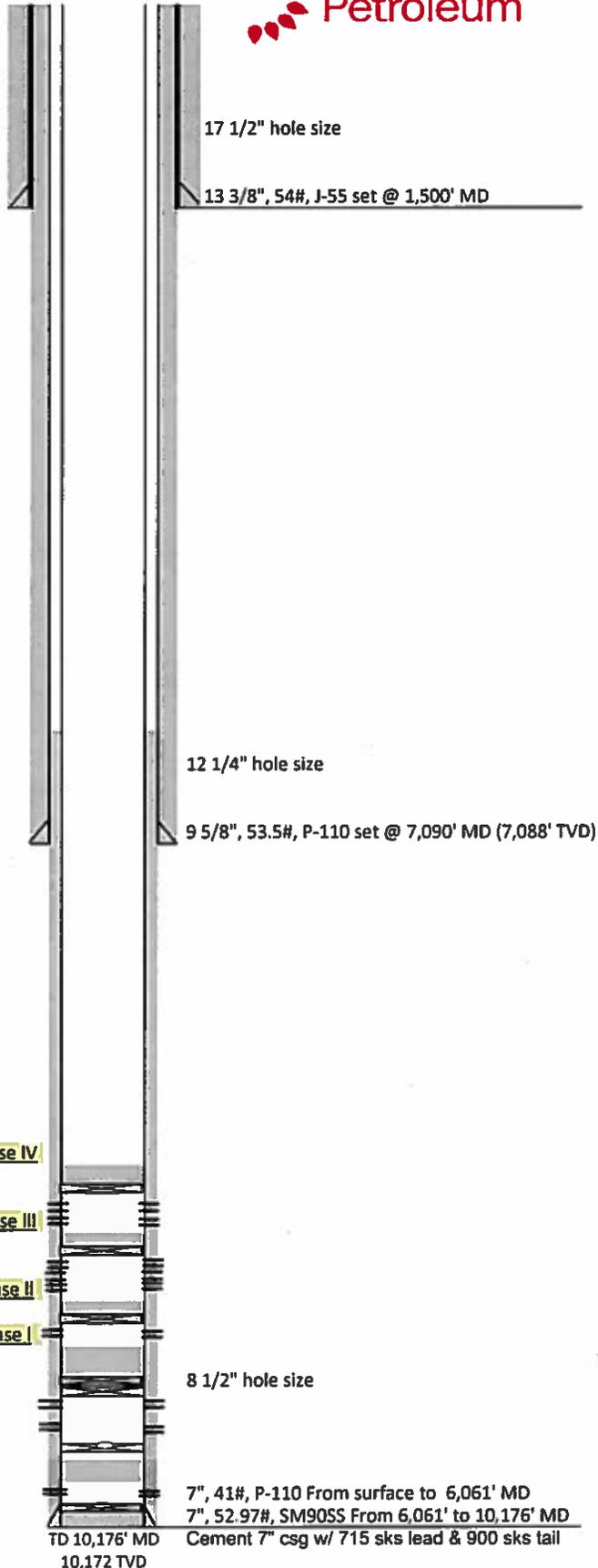
  
**K. Wade Pollard, CPL**  
VP Land  
[wade.pollard@rosepetroleum.com](mailto:wade.pollard@rosepetroleum.com)  
(720) 390-3862

### Current Wellbore Schematic

#### Rose Petroleum (US) LLC



Well Name/Number:	State #16-42
County, State:	Grand, Utah
Surface Location:	Section 16, T22S, R17E
Surface Footage:	2,108' FNL, 559' FWL
Bottom Hole Location:	Vertical Well
Bottom Hole Footages:	Vertical Well
Surface Latitude:	38° 53' 57.830 N
Surface Longitude:	110° 2' 35.460 W
API Number:	43019316050000
Field/Prospect:	Gunnison Valley Unit
Elevation:	4,241'
K.B. Elevation:	4,263'
K.B. to Ground Level:	22'
Well TD (MD / TVD):	10,176' / 10,172'
PBTD:	9,525'
Spud Date:	23-Jan-09
Date well TD:	13-Mar-09



CIBP set @ 8,530', cement plug f/8,530' to 8,510' **Phase IV**

Perfs f/8,753'-8,760', 8,720-8,726', 8,633-8,643' **Phase III**  
 CIBP set @ 8,845', cement plug f/8,845' to 8,825'

Perfs f/9,124'-9,133', 9,075'-9,082', 8,865'-8,871' **Phase II**  
 CIBP set @ 9,267', cement plug f/9,267' to 9,247'

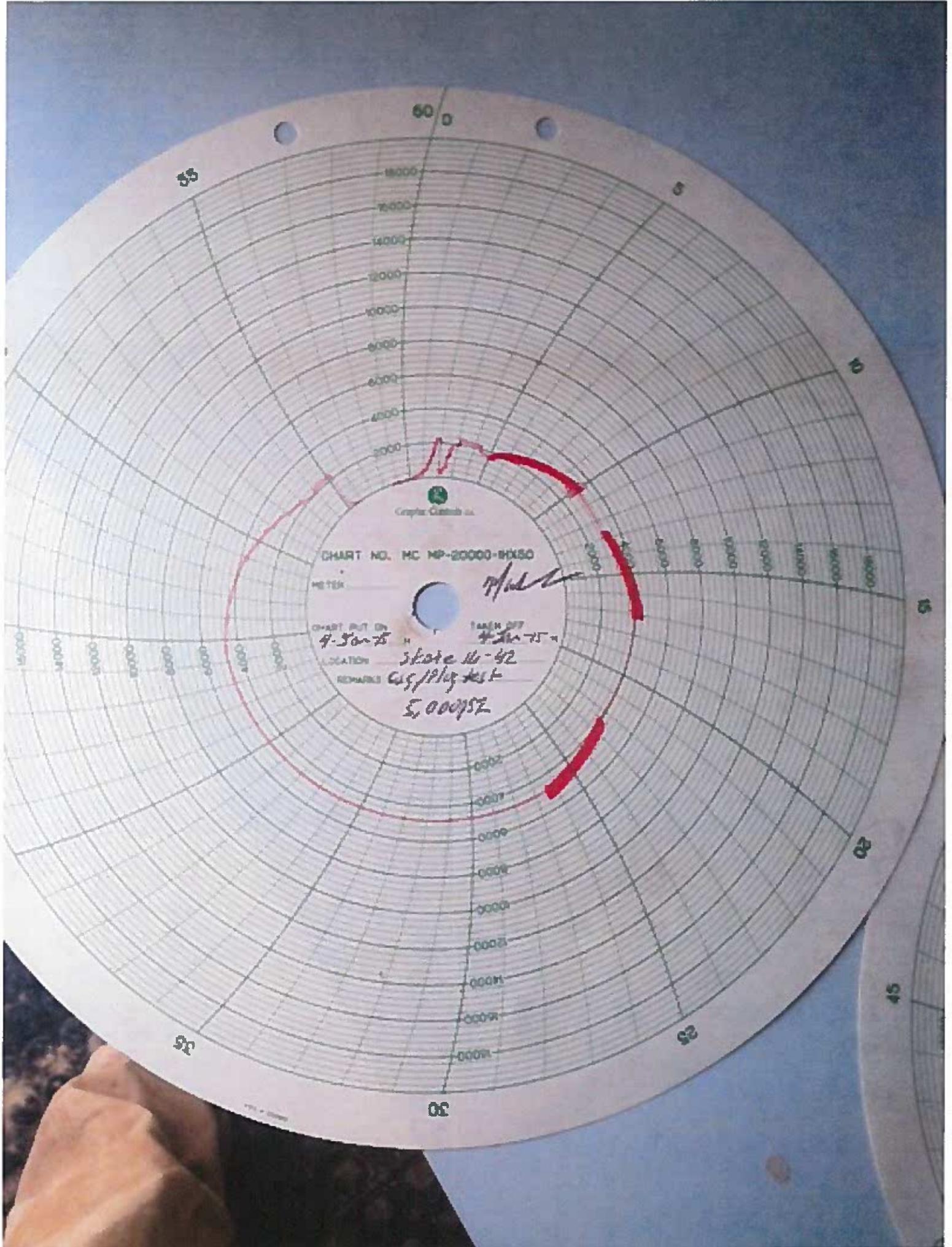
Perfs f/9,308' - 9,336' **Phase I**

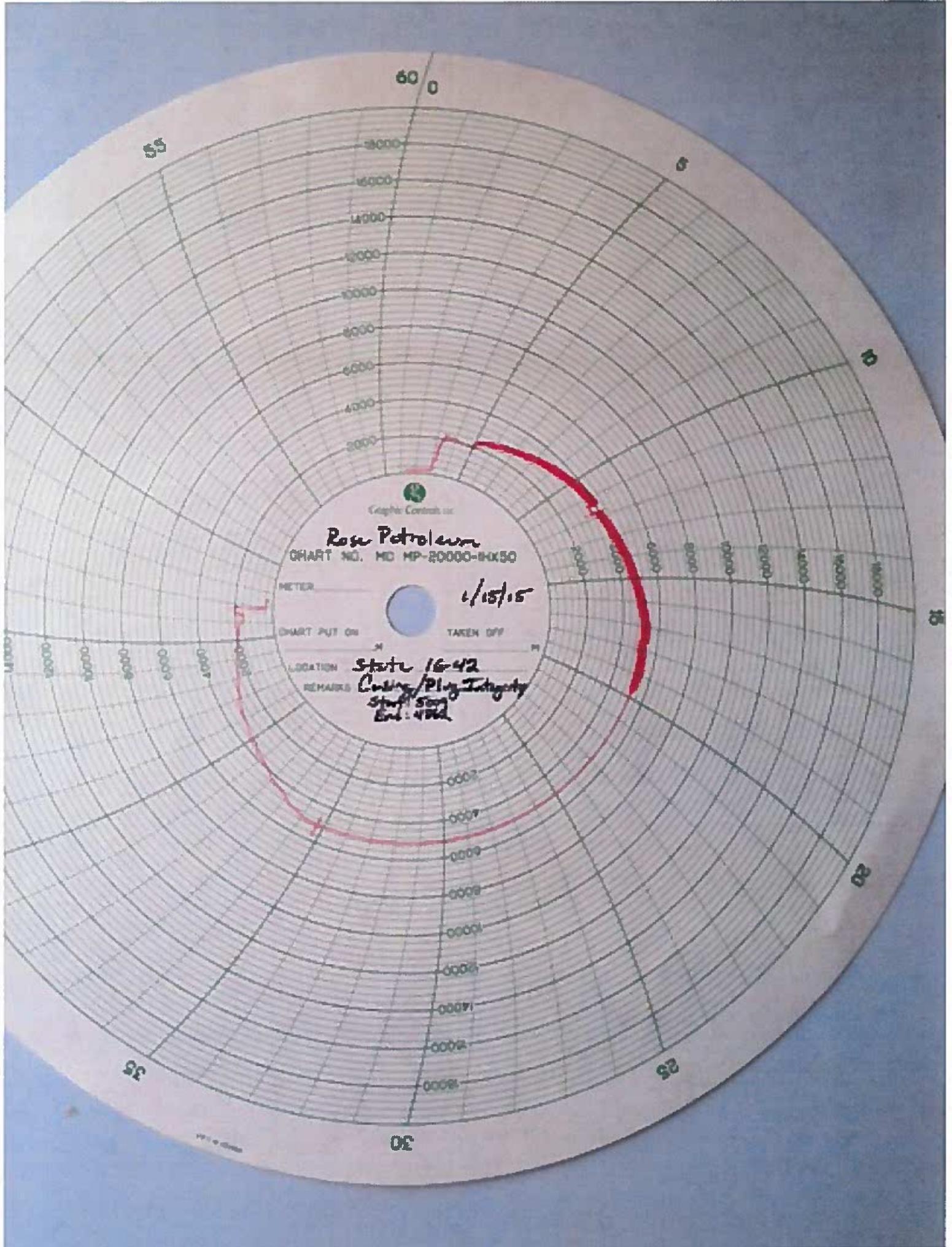
Cement Plug set f/9,525' to 9,650'  
 CIBP set @ 9,700' and 9,650'  
 Perfs f/9,890' to 9,894' / 9,738' to 9,741'  
 CIBP set @ 9,935'  
 Cement Plug set f/9,950' to 10,120'  
 Perfs f/10,086' - 10,094'  
 CIBP set @ 10,126'

8 1/2" hole size

7", 41#, P-110 From surface to 6,061' MD  
 7", 52.97#, SM90SS From 6,061' to 10,176' MD  
 Cement 7" csg w/ 715 sks lead & 900 sks tail

TD 10,176' MD  
 10,172' TVD





Graphic Controls Inc.  
**Rose Petroleum**  
CHART NO. MD MP-20000-BK50

METER \_\_\_\_\_  
CHART PUT ON \_\_\_\_\_ TAKEN OFF \_\_\_\_\_  
LOCATION **State 16-42**  
REMARKS **Casing/Plug Integrity**  
**Start 5000**  
**End 4000**

1/15/15



GARY R. HERBERT  
Governor

SPENCER J. COX  
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

RECEIVED

JUN 29 2015

June 25, 2015

CERTIFIED MAIL NO. 7014 2870 0001 4232 4498

Mr. Ty Watson  
Rose Petroleum (Utah), LLC  
383 Inverness Parkway, Suite 330  
Englewood, CO 80112

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Ty Watson:

As of January 2015, Rose Petroleum (Utah), LLC ("Rose Petroleum") has one (1) State Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

The referenced well was completed May 20, 2009 and has never produced. Please note that this well has been SI/TA for over five (5) years and is required to meet the five year rule as listed below.

Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT



Page 2

Rose Petroleum (Utah), LLC

June 25, 2015

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

**All Submittals should be sent via ePermit**

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js  
Enclosure

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITLA

## ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
1	STATE 16-42	43-019-31605	ML-48144	5 years 3 months



GARY R. HERBERT  
Governor

SPENCER J. COX  
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

February 9, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5275 9598

43 019 31605  
State 16-42  
16 225 17E

Mr. K. Wade Pollard  
Rose Petroleum (Utah), LLC  
383 Inverness Parkway, Suite 330  
Englewood, CO 80112

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Pollard:

As of January 2016, Rose Petroleum (Utah), LLC has two (2) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

The State 16-24 has been previously noticed and had a SI/TA status extension approval that expired 12/31/2015. This approval had a condition that required periodic monitoring of casing pressures that have not been submitted to the Division.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2  
Rose Petroleum (Utah), LLC  
February 9, 2016

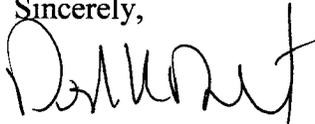
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

**All Submittals should be sent via ePermit**

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/DD/js

cc: Compliance File  
Well File  
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	<b>Well Name</b>	<b>API</b>	<b>LEASE</b>	<b>Years Inactive</b>
1	State 16-42	43-019-31605	ML 48144	6 year(s) 1 month(s)
2	State 32-1	43-019-30347	ML-24295	2 year(s) 1 month(s)

<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> ML 48144	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>7. UNIT or CA AGREEMENT NAME:</b> GUNNISON VALLEY	<b>8. WELL NAME and NUMBER:</b> STATE 16-42
<b>1. TYPE OF WELL</b> Gas Well	<b>9. API NUMBER:</b> 43019316050000
<b>2. NAME OF OPERATOR:</b> ROSE PETROLUUM (UTAH), LLC	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>3. ADDRESS OF OPERATOR:</b> 383 Inverness Parkway, Suite 330 , Englewood, CO, 80112	<b>PHONE NUMBER:</b> 720 390-3863 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2108 FNL 0559 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 16 Township: 22.0S Range: 17.0E 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: 3/16/2016	<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 checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<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.

Rose Petroleum hereby request approval for the attached P&A procedures on the State 16-42 well (API 43-019-316050000). The subject well resides on SITLA lands. Rose would like to combine the plugging of this well with others wells in grand County that we have approval to plug on or around March 16, 2016 and thus request an expedited review and approval of the attached plugging procedures. Please note Rose Petroleum is not the original driller of the State 16-42 well. As the lands utilized by the subject well do not encompass BLM lands, Rose will not be submitting these procedures to the BLM. The Statewide Bond covering these operations is 1001696855.

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

**Date:** March 10, 2016  
**By:** *D. K. Quist*

**Please Review Attached Conditions of Approval**

<b>NAME (PLEASE PRINT)</b> K. Wade Pollard	<b>PHONE NUMBER</b> 720 390-3862	<b>TITLE</b> VP of Land
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/2/2016	



**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 43019316050000**

**Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**

- 2. Move and Amend Plug #2: This plug shall be an inside/outside plug. RIH and perforate 7" @ 5000'. RIH with CICR and set at 4950'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. M&P 38 sx cement, sting into CICR pump 25sx, sting out and dump 13 sx on top of CICR. This will isolate the Honaker Trail Formation.**
- 3. Add Plug #3: This plug shall be an inside/outside plug. RIH and perforate 7" @ 2640'. RIH with CICR and set at 2590'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. M&P 38 sx cement, sting into CICR pump 25sx, sting out and dump 13 sx on top of CICR. This will isolate the Uranium rich Chinle and fresh water sands.**
- 4. Add Plug #4: This plug shall be an inside/outside plug. RIH and perforate 7" @ 1540'. RIH with CICR and set at 1490'. Sting into CICR and establish circulation down the 7" casing back up the 7" x 9 5/8" annulus. M&P 38 sx cement, sting into CICR pump 25sx, sting out and dump 13 sx on top of CICR. This will isolate the surface casing shoe as required by R649-3-24-3.6.**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).**
- 7. Surface reclamation shall be done in accordance with R649-3-34 - Well Site Restoration.**
- 8. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 9. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (of c) or 801-733-0983 (home) prior to continuing with the procedure.**
- 10. All other requirements for notice and reporting in the Oil and Gas Conservation general rules shall apply.**

# Wellbore Diagram

API Well No: 43-019-31605-00-00 Permit No: Well Name/No: STATE 16-42

Company Name: ROSE PETROLEUM (UTAH), LLC

Location: Sec: 16 T: 22S R: 17E Spot: SENE

Coordinates: X: 582973 Y: 4306043

Field Name: WILDCAT

County Name: GRAND

### String Information

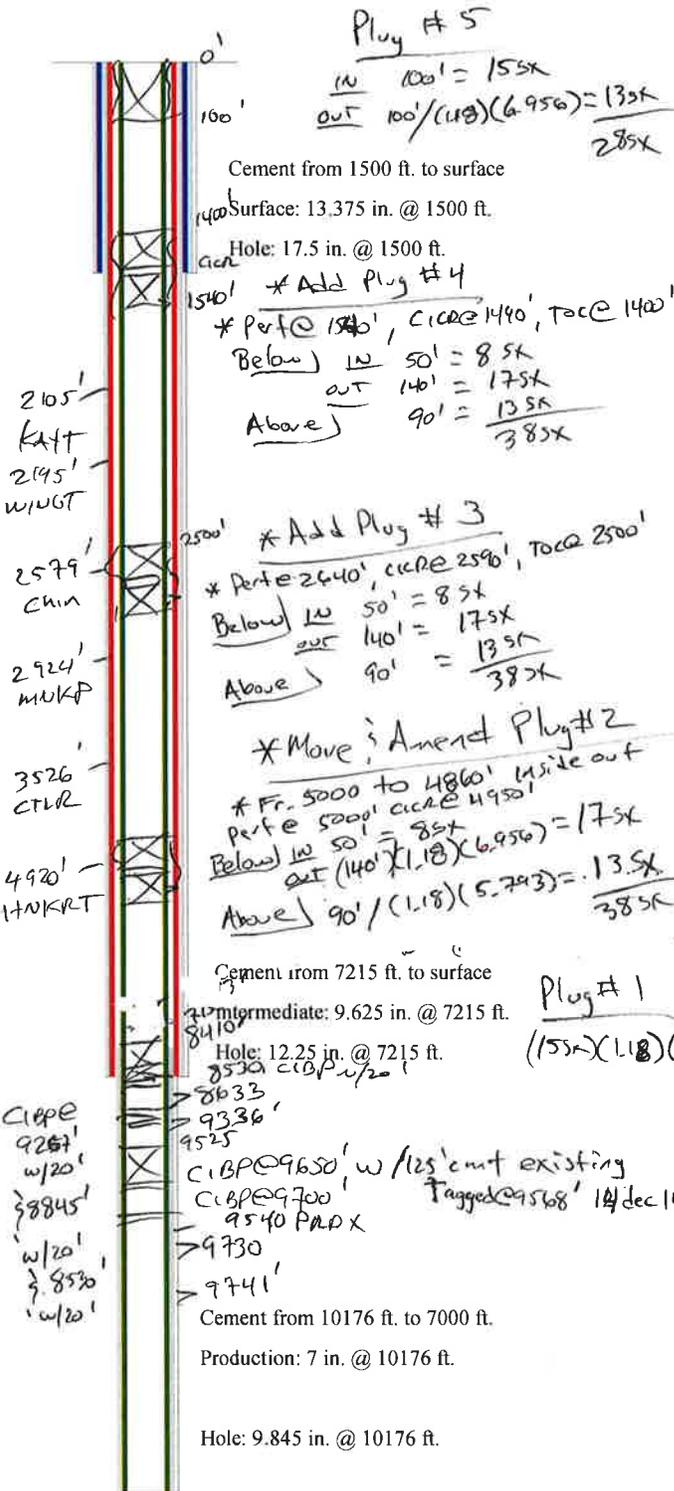
String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	1500	17.5		
SURF	1500	13.375	54.5	1500
HOL2	7215	12.25		
HOL3	10176	9.845		
II	7215	9.625	47	7215
PROD	10176	7	46	6061
PROD	10176	7	52.9	10176

Capacity (F/CF)

5.793

6.956

9 5/8" x 7"



### Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	7215	0	HC	1150
PROD	10176	7000	UK	900
SURF	1500	0	RL	815

### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
9738	9894			
10086	10094			
8633	9336			

### Formation Information

Formation	Depth
KAYT	2105
WINGT	2195
CHIN	2579
MNKP	2924
CTLR	3526
ORRK	3822
HNKRT	4920
PRDX	9540
CNCR	9683

TD: 10176 TVD: 10170 PBDT:



## Rose Petroleum (Utah) LLC

State 16-42 (P&A)

Section 16 - Township 22S - Range 17E

Workover (P&A) Prognosis

(Version 1)

### 1 Move In and Rig UP

- 1.1 Rig up all WO rig components that will be needed.  
Note: Notify BLM 24 hrs prior to conducting Abandonment Operations.  
Contact person: Dan Jarvis (801) 538-5358

### 2 Check pressures / Test Csgs / Remove dry hole flange

- 2.1 Check for pressures in the 7" tubing, 7" X 9 5/8" csg annuli and the 9 5/8" X 13 3/8" csg annuli.
- 2.2 Test 9 5/8" X 13 3/8" to 500 psi to verify cement between the two annuli.
- 2.3 Test the 7" csg X 9 5/8" to 1,000 psi to verify cement between the two annuli.
- 2.4 Test the 7" csg to 3,000 psi. **Note:** Good test move onto the cement operation.
- 2.5 Remove the 7 1/16" 10M X 2 7/8" 10M production tree.
- 2.6 Install the stripping head (Washington head).

### 3 Pick up 2 7/8" tubing / Cement Plug #1 (7" csg, 52.97#)

- 3.1 Pick up and RIH with the 2 7/8" tubing. Tag TOC @ 8,510' KB (**Note: Original KB is 22'**)
- 3.2 Displace the diesel fluid with gel mud (248 bbls).
- 3.3 Mix and pump 3.0 bbls of cement.  
Cement - slurry volume 3.0 bbls, sacks 15, density 15.6 ppg, mix water 5 gals/sx, yield 1.18 ft<sup>3</sup>.  
Cement placement - f/8,510' to 8,404' KB (106') for a total of 126' cement above the CIBP.  
**Note:** Cement plug above the CIBP set @ 8,530' KB before this cement plug - f/8,530' to 8,510' (20')
- 3.4 POOH with the 2 7/8" tubing to 8,200'. Reverse out the 1 1/2 tubing volumes.  
Wait on cement to set up.

### 4 Cement Plug #2 - Across the 9 5/8" Intermediate csg shoe @ 7,090' MD (KB) (7" csg, 52.97#)

- 4.1 RIH with the 2 7/8" tubing, tag TOC @ 8,404'. Note in the daily report the TOC.  
Note: Minimum 100' cement plug per Regulations.
- 4.2 POOH laying down 2 7/8" tubing from 8,404' to 7,150'.
- 4.3 Mix and pump 4.0 bbls of cement.  
Cement - slurry volume 4.0 bbls, sacks 20, density 15.6 ppg, mix water 5 gals/sx, yield 1.18 ft<sup>3</sup>.  
Cement placement - f/7,150' to 7,008' KB (142')
- 4.4 POOH with the 2 7/8" tubing to 6,800'. Reverse out the 1 1/2 tubing volumes.  
Wait on cement to set up.

### 6 Surface Cement Plugs

- 4.1 RIH with the 2 7/8" tubing, tag TOC @ 7,008'. Note in the daily report the TOC.  
Note: Minimum 100' cement plug per Regulations.
- 4.2 POOH laying down 2 7/8" tubing from 7,008' to surface
- 4.3 Clean out the cellar to 1' below the 13 5/8" 5M wellhead.
- 4.4 Remove the Washington head and all wellheads. Minimum, cut all csg 3' below ground level.
- 4.5 P/U and RIH the 9 5/8" csg X 13 3/8" csg annuli with 1" grout string tag TOC to verify cement level.  
Note: Per State Regulations, cement to surface on all csg annuli  
If cement is too far down mix and pump cement to surface.
- 4.6 Mix and pump ? bbls of cement. Note: depending on where cement level is.  
Cement - slurry volume ? bbls, sacks ?, density 15.6 ppg, mix water 5 gals/sx, yield 1.18 ft<sup>3</sup>.  
Cement placement to surface.
- 4.7 P/U and RIH the 7" csg (41#) X 9 5/8" csg annuli with 120' X 1" grout string.

Mix and pump 3 bbls of cement.

Cement - slurry volume 3 bbls, sacks 15, density 15.6 ppg, mix water 5 gals/sx, yield 1.18 ft<sup>3</sup>.

Cement placement - f/surface - 120'

4.8 P/U and RIH (7" csg, 41#) with 120' X 1" grout string.

Mix and pump 4 bbls of cement.

Cement - slurry volume 4 bbls, sacks 20, density 15.6 ppg, mix water 5 gals/sx, yield 1.18 ft<sup>3</sup>.

Cement placement - f/surface - 120'

**7 Permanent marker**

7.1 Place a permanent marker per State Regulation marking the well site.

**Note:** If any changes to the procedure of the wellbore configuration, notify Dustin Douce prior to continue with the procedure.

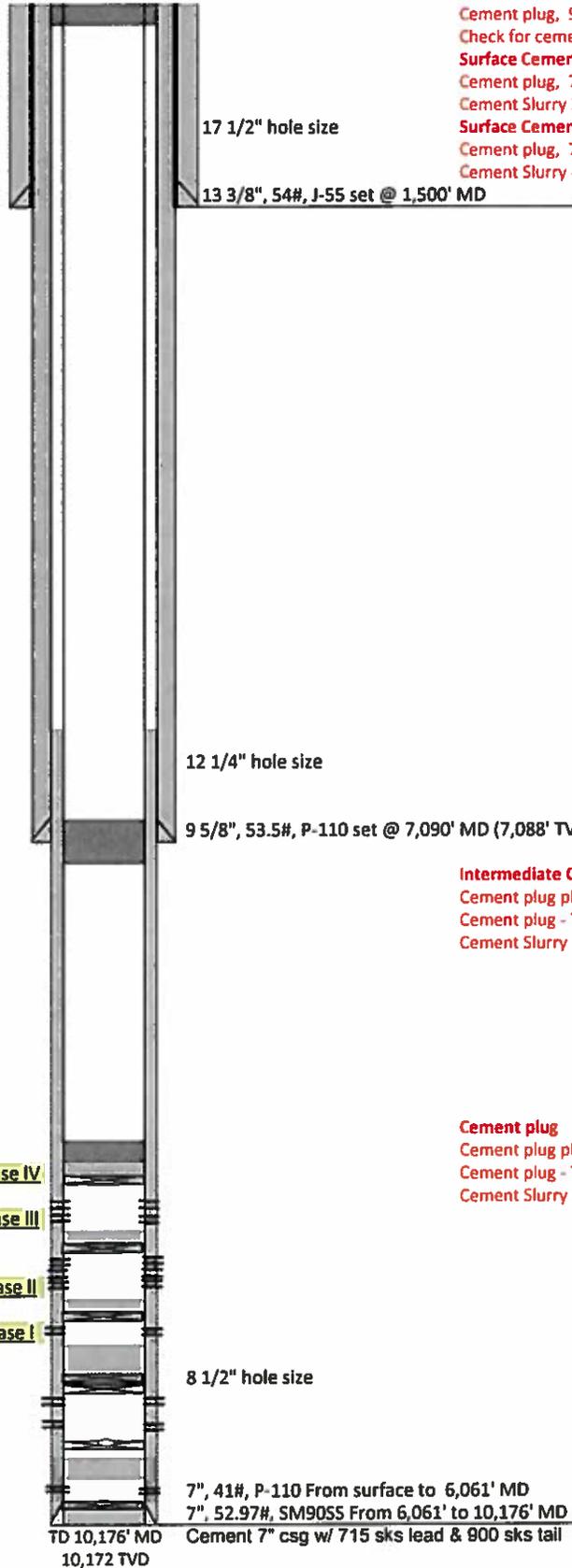
(801) 538-5281 office

(801) 733-0983 home

Rose Petroleum (US) LLC

Completion wellbore schematic

Well Name/Number:	State #16-42
County, State:	Grand, Utah
Surface Location:	Section 16, T22S, R17E
Surface Footage:	2,108' FNL, 559' FWL
Bottom Hole Location:	Vertical Well
Bottom Hole Footages:	Vertical Well
Surface Latitude:	38° 53' 57.830 N
Surface Longitude:	110° 2' 35.460 W
API Number:	43019316050000
Field/Prospect:	Gunnison Valley Unit
Elevation:	4,241'
K.B. Elevation:	4,263'
K.B. to Ground Level:	22'
Well TD (MD / TVD):	10,176' / 10,172'
P8TD:	9,525'
Spud Date:	23-Jan-09
Date well TD:	13-Mar-09



**Surface Cement plugs**  
 Cement plug, 9 5/8" csg X 13 3/8" csg ann.  
 Check for cement level. Top out with cmt if needed.  
**Surface Cement plug (120' to surface)**  
 Cement plug, 7" csg X 9 5/8" ann.  
 Cement Slurry 3 bbls, 15 sx, 15.6 density, 1.18 yield  
**Surface Cement plug (120' to surface)**  
 Cement plug, 7" csg  
 Cement Slurry 4 bbls, 20 sx, 15.6 density, 1.18 yield

**Intermediate Csg Cement plug**  
 Cement plug placement f/7,008' - 7,150' (142')  
 Cement plug - 7" csg, 52.97# ann.  
 Cement Slurry 4 bbls, 20 sx, 15.6 density, 1.18 yield

**Cement plug**  
 Cement plug placement f/8,404' - 8,530' (126')  
 Cement plug - 7" csg 52.97# ann.  
 Cement Slurry 3 bbls, 15 sx, 15.6 density, 1.18 yield

CIBP set @ 8,530', cement plug f/8,530' to 8,510' **Phase IV**  
 Perfs f/8,753'-8,760', 8,720-8,726', 8,633-8,643' **Phase III**  
 CIBP set @ 8,845', cement plug f/8,845' to 8,825'  
 Perfs f/9,124'-9,133', 9,075'-9,082', 8,865'-8,871' **Phase II**  
 CIBP set @ 9,267', cement plug f/9,267' to 9,247'  
 Perfs f/9,308' - 9,336' **Phase I**  
 Cement Plug set f/9,525' to 9,650'  
 CIBP set @ 9,700' and 9,650'  
 Perfs f/9,890' to 9,894' / 9,738' to 9,741'  
 CIBP set @ 9,935'  
 Cement Plug set f/9,950' to 10,120'  
 Perfs f/10,086' - 10,094'  
 CIBP set @ 10,126'

TD 10,176' MD  
 10,172' TVD  
 7", 41#, P-110 From surface to 6,061' MD  
 7", 52.97#, SM9055 From 6,061' to 10,176' MD  
 Cement 7" csg w/ 715 sks lead & 800 sks tail

Division of Oil, Gas and Mining  
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 7/1/2016

<b>FORMER OPERATOR:</b> Rose Petroleum (Utah), LLC N4095 383 Inverness Parkway, Suite 330 Englewood, CO 80112	<b>NEW OPERATOR:</b> Rockies Standard Oil Company, LLC N3735 1411 East 840 North Orem, UT 84097
<b>CA Number(s):</b>	<b>Unit(s):</b> Gunnison Valley

**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: 7/27/2016
- Sundry or legal documentation was received from the **NEW** operator on: 7/27/2016
- New operator Division of Corporations Business Number: 7698560-0161

**REVIEW:**

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
- Receipt of Acceptance of Drilling Procedures for APD on: N/A
- Reports current for Production/Disposition & Sundries: 9/14/2016
- OPS/SI/TA well(s) reviewed for full cost bonding: 8/24/2016
- UIC5 on all disposal/injection/storage well(s) approved on: N/A
- Surface Facility(s) included in operator change: N/A
- 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: 1001696855
- Indian well(s) covered by Bond Number: 1001696855
- State/fee well(s) covered by Bond Number(s): 1001696885a,b,c,d,e

**DATA ENTRY:**

- Well(s) update in the **OGIS** on: 9/14/2016
- Entity Number(s) updated in **OGIS** on: 9/14/2016
- Unit(s) operator number update in **OGIS** on: 9/14/2016
- Surface Facilities update in **OGIS** on: N/A
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 9/14/2016
- Surface Facilities update in **RBDMS** on: N/A

**COMMENTS:**

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From Rose Petroleum (Utah), LLC  
 To Rockies Standard Oil Company, LLC  
 Effective July 1, 2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status	Unit
THUNDERBIRD 1	32	200S	240E	4301930058	10339	State	State	OW	P	
CPSKY PHLPS FEE 8-1	8	200S	240E	4301915100	2800	Fee	Fee	GW	S	
UNION GOVT II-1	24	200S	210E	4301915107	680	Federal	State	GW	S	
FEDERAL 19-3	19	200S	220E	4301930302	8201	Federal	Federal	GW	S	
FEDERAL 31-1A	31	200S	220E	4301930308	8204	Federal	Federal	GW	S	
STATE 32-1	32	200S	220E	4301930347	8206	State	State	GW	S	
FEDERAL 13-1	13	200S	210E	4301930348	8146	Federal	Federal	GW	S	
FEDERAL 23-1	23	200S	210E	4301930355	11393	Federal	Federal	GW	S	
FEDERAL 25-1	25	200S	210E	4301930359	11394	Federal	State	GW	S	
FEDERAL 30-1	30	200S	220E	4301930429	8203	Federal	Federal	GW	S	
FEDERAL 14-1	14	200S	210E	4301930430	8169	Federal	Federal	GW	S	
FEDERAL 24-3	24	200S	210E	4301930432	11395	Federal	Federal	GW	S	
FEDERAL 14-1A	14	200S	210E	4301930436	8150	Federal	Federal	GW	S	
FEDERAL 11-1	11	200S	210E	4301930485	8142	Federal	Federal	GW	S	
FEDERAL 14-2	14	200S	210E	4301930487	8151	Federal	Federal	GW	S	
FEDERAL 14-3	14	200S	210E	4301930488	8152	Federal	Federal	GW	S	
FEDERAL 24-2	24	200S	210E	4301930530	8159	Federal	Federal	GW	S	
FEDERAL 25-3	25	200S	210E	4301930575	8170	Federal	Federal	GW	S	
FEDERAL 15-1	15	200S	210E	4301930585	11391	Federal	Federal	GW	S	
FEDERAL 23-2	23	200S	210E	4301930586	8140	Federal	Federal	GW	S	
FEDERAL 25-2	25	200S	210E	4301930587	11392	Federal	Federal	OW	S	
FEDERAL 23-3	23	200S	210E	4301930588	8157	Federal	Federal	GW	S	
FEDERAL 22-1	22	200S	210E	4301930625	8156	Federal	Federal	GW	S	
FEDERAL 15-2	15	200S	210E	4301930636	8154	Federal	Federal	GW	S	
FEDERAL 15-3	15	200S	210E	4301930637	8155	Federal	Federal	GW	S	
FEDERAL 13-2	13	200S	210E	4301930673	8147	Federal	Federal	GW	S	
FEDERAL 25-4	25	200S	210E	4301930743	8181	Federal	State	GW	S	
FEDERAL 23-4	23	200S	210E	4301930760	8158	Federal	Federal	GW	S	
FEDERAL 14-4	14	200S	210E	4301930878	8153	Federal	Federal	GW	S	
FEDERAL 12-1	12	200S	210E	4301930881	8145	Federal	Federal	GW	S	
FEDERAL 11-2	11	200S	210E	4301930882	8143	Federal	Federal	GW	S	
FEDERAL 11-3	11	200S	210E	4301930884	8144	Federal	Federal	GW	S	
FEDERAL 13-4	13	200S	210E	4301930885	8149	Federal	Federal	GW	S	
FEDERAL 19-1A	19	200S	220E	4301930896	8201	Federal	Federal	GW	S	
FEDERAL 24-4	24	200S	210E	4301930900	8208	Federal	Federal	GW	S	
FEDERAL 24-1	24	200S	210E	4301931010	11189	Federal	Federal	GW	S	
FEDERAL 10-2	10	200S	210E	4301931210	8207	Federal	Federal	GW	S	
FEDERAL 10-2A	10	200S	210E	4301931400	14043	Federal	Federal	GW	S	
FEDERAL 14-6	14	200S	210E	4301931421	14803	Federal	Federal	GW	S	
FEDERAL 14-7	14	200S	210E	4301931422	14780	Federal	Federal	GW	S	
FEDERAL 24-6	24	200S	210E	4301931423	14779	Federal	Federal	GW	S	
FEDERAL 23-6	23	200S	210E	4301931424	14848	Federal	Federal	GW	S	
FEDERAL 15-8	15	200S	210E	4301931434	15006	Federal	Federal	GW	S	
FEDERAL 15-7	15	200S	210E	4301931435	14868	Federal	Federal	GW	S	
FEDERAL 14-5	14	200S	210E	4301931436	14805	Federal	Federal	GW	S	
FEDERAL 11-6	11	200S	210E	4301931437	14869	Federal	Federal	GW	S	
FEDERAL 14-8	14	200S	210E	4301931439	14804	Federal	Federal	GW	S	
FEDERAL 22-2	22	200S	210E	4301931440	14847	Federal	Federal	GW	S	
FEDERAL 15-5	15	200S	210E	4301931441	14952	Federal	Federal	GW	S	
FEDERAL 23-5	23	200S	210E	4301931442	15007	Federal	Federal	GW	S	
FEDERAL 24-5	24	200S	210E	4301931443	14960	Federal	Federal	GW	S	
FEDERAL 25-5	25	200S	210E	4301931444	14849	Federal	Federal	GW	S	
STATE 16-42	16	220S	170E	4301931605	17278	State	State	GW	S	GUNNISON VALLEY
State 1-34	34	210S	230E	4301950067	19876	State	State	OW	S	

**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 LIST</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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Rockies Standard Oil Company, LLC</b>			8. WELL NAME and NUMBER: <b>SEE ATTACHED LIST</b>
3. ADDRESS OF OPERATOR: 1411 E 840 N CITY Orem STATE UT ZIP 84097		PHONE NUMBER: <b>(801) 224-4771</b>	9. API NUMBER: <b>SEE LIST</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED LIST</b>			10. FIELD AND POOL, OR WILDCAT: <b>Greater Cisco</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			COUNTY: <b>Grand County</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 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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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.

**CHANGE OF OPERATOR**

PREVIOUS OPERATOR:  
Rose Petroleum (Utah), LLC  
383 Inverness Parkway, Ste 330  
Englewood, CO 80112  
(303) 814-0388

*Jy Wilson*

NEW OPERATOR:  
Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Be advised that Rockies Standard Oil Company, LLC is responsible under the terms and conditions of the related leases for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. 1001696855.A

NAME (PLEASE PRINT) <u>Kimball Hodges</u>	TITLE <u>Manager</u>
SIGNATURE	DATE <u>7/20/16</u>

(This space for State use only)

**APPROVED**

RECEIVED

JUL 27 2016

SEP 14 2016

(See Instructions on Reverse Side)

DIV. OIL GAS & MINING  
BY: Rachel Medina

DIV. OF OIL, GAS & MINING

**WELLS**

<b>API NUMBER</b>	<b>WELL NAME</b>	<b>LOCATION</b>
43-019-31210-00-00	FEDERAL 10-2	20S-21E, SEC 10:NESW, GRAND CO., UT
43-019-31400-00-00	FEDERAL 10-2A	20S-21E, SEC 10:NWSE, GRAND CO., UT
43-019-30485-00-00	FEDERAL 11-1	20S-21E, SEC 11:NWSW, GRAND CO., UT
43-019-30882-00-00	FEDERAL 11-2	20S-21E, SEC 11:SESE, GRAND CO., UT
43-019-30884-00-00	FEDERAL 11-3	20S-21E, SEC 11:SWSW, GRAND CO., UT
43-019-31437-00-00	FEDERAL 11-6	20S-21E, SEC 11:SESW, GRAND CO., UT
43-019-30881-00-00	FEDERAL 12-1	20S-21E, SEC 12:SWSW, GRAND CO., UT
43-019-30348-00-00	FEDERAL 13-1	20S-21E, SEC 13:SWSW, GRAND CO., UT
43-019-30673-00-00	FEDERAL 13-2	20S-21E, SEC 13:SESW, GRAND CO., UT
43-019-30885-00-00	FEDERAL 13-4	20S-21E, SEC 13:NWSE, GRAND CO., UT
43-019-30430-00-00	FEDERAL 14-1	20S-21E, SEC 14:NWNW, GRAND CO., UT
43-019-30436-00-00	FEDERAL 14-1A	20S-21E, SEC 14:NWNW, GRAND CO., UT
43-019-30487-00-00	FEDERAL 14-2	20S-21E, SEC 14:NENE, GRAND CO., UT
43-019-30488-00-00	FEDERAL 14-3	20S-21E, SEC 14:NESE, GRAND CO., UT
43-019-30878-00-00	FEDERAL 14-4	20S-21E, SEC 14:SWSW, GRAND CO., UT
43-019-31436-00-00	FEDERAL 14-5	20S-21E, SEC 14:NENW, GRAND CO., UT
43-019-31421-00-00	FEDERAL 14-6	20S-21E, SEC 14:SWNW, GRAND CO., UT
43-019-31422-00-00	FEDERAL 14-7	20S-21E, SEC 14:SWNE, GRAND CO., UT
43-019-31439-00-00	FEDERAL 14-8	20S-21E, SEC 14:SWSE, GRAND CO., UT
43-019-30585-00-00	FEDERAL 15-1	20S-21E, SEC 15:NESE, GRAND CO., UT
43-019-30636-00-00	FEDERAL 15-2	20S-21E, SEC 15:NWNW, GRAND CO., UT
43-019-30637-00-00	FEDERAL 15-3	20S-21E, SEC 15:NENE, GRAND CO., UT
43-019-31441-00-00	FEDERAL 15-5	20S-21E, SEC 15:NWSE, GRAND CO., UT
43-019-31435-00-00	FEDERAL 15-7	20S-21E, SEC 15:SESW, GRAND CO., UT
43-019-31434-00-00	FEDERAL 15-8	20S-21E, SEC 15:SWSE, GRAND CO., UT
43-019-30896-00-00	FEDERAL 19-1A	20S-21E, SEC 19:SWNW, GRAND CO., UT
43-019-30302-00-00	FEDERAL 19-3	20S-21E, SEC 19:SWSW, GRAND CO., UT
43-019-30625-00-00	FEDERAL 22-1	20S-21E, SEC 22:SENE, GRAND CO., UT

**WELLS**

<b>API NUMBER</b>	<b>WELL NAME</b>	<b>LOCATION</b>
43-019-31440-00-00	FEDERAL 22-2	20S-21E, SEC 22:NWNE, GRAND CO., UT
43-019-30355-00-00	FEDERAL 23-1	20S-21E, SEC 23:SWNE, GRAND CO., UT
43-019-30586-00-00	FEDERAL 23-2	20S-21E, SEC 23:NWNW, GRAND CO., UT
43-019-30588-00-00	FEDERAL 23-3	20S-21E, SEC 23:SESW, GRAND CO., UT
43-019-30760-00-00	FEDERAL 23-4	20S-21E, SEC 23:NWSE, GRAND CO., UT
43-019-31442-00-00	FEDERAL 23-5	20S-21E, SEC 23:NENE, GRAND CO., UT
43-019-31424-00-00	FEDERAL 23-6	20S-21E, SEC 23:SESW, GRAND CO., UT
43-019-31010-00-00	FEDERAL 24-1	20S-21E, SEC 24:SWSW, GRAND CO., UT
43-019-30530-00-00	FEDERAL 24-2	20S-21E, SEC 24:NWNW, GRAND CO., UT
43-019-30432-00-00	FEDERAL 24-3	20S-21E, SEC 24:SWSE, GRAND CO., UT
43-019-30900-00-00	FEDERAL 24-4	20S-21E, SEC 24:NWNE, GRAND CO., UT
43-019-31443-00-00	FEDERAL 24-5	20S-21E, SEC 24:SWNW, GRAND CO., UT
43-019-31423-00-00	FEDERAL 24-6	20S-21E, SEC 24:NWSE, GRAND CO., UT
43-019-30359-00-00	FEDERAL 25-1	20S-21E, SEC 25:SWNE, GRAND CO., UT
43-019-30587-00-00	FEDERAL 25-2	20S-21E, SEC 25:SWSW, GRAND CO., UT
43-019-30575-00-00	FEDERAL 25-3	20S-21E, SEC 25:SESE, GRAND CO., UT
43-019-30743-00-00	FEDERAL 25-4	20S-21E, SEC 25:NENW, GRAND CO., UT
43-019-31444-00-00	FEDERAL 25-5	20S-21E, SEC 25:SESW, GRAND CO., UT
43-019-30429-00-00	FEDERAL 30-1	20S-22E, SEC 30:SWNW, GRAND CO., UT
43-019-30308-00-00	FEDERAL 31-1A	20S-22E, SEC 31:NENW, GRAND CO., UT
43-019-15107-00-00	UNION GOVT II-1	20S-21E, SEC 24:NWSW, GRAND CO., UT

**WELLS**

<b>API NUMBER</b>	<b>WELL NAME</b>	<b>LOCATION</b>
43-019-15100-00-00	CPSKY PHLPS FEE 8-1	20S-24E, SEC 08:NWNW, GRAND CO., UT
43-019-30347-00-00	STATE 32-1	20S-22E, SEC 32:SEW, GRAND CO., UT
43-019-30058-00-00	THUNDERBIRD 1	20S-24E, SEC 32:NWNW, GRAND CO., UT

**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>ML 48144</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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>Gunnison Valley Unit</b>
2. NAME OF OPERATOR: <b>Rockies Standard Oil Company, LLC</b>		8. WELL NAME and NUMBER: <b>State 16-42</b>
3. ADDRESS OF OPERATOR: 1411 E 840 N <small>CITY</small> <b>Orem</b> <small>STATE</small> <b>UT</b> <small>ZIP</small> <b>84097</b>	PHONE NUMBER: <b>(801) 224-4771</b>	9. API NUMBER: <b>4301931605</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2108' FNL, 0559' FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 22S 17E S</b>		COUNTY: <b>Grand County</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 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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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.  
**CHANGE OF OPERATOR**

PREVIOUS OPERATOR:  
Rose Petroleum (Utah), LLC  
383 Inverness Parkway, Ste 330  
Englewood, CO 80112  
(303) 814-0388  
*[Signature]*

NEW OPERATOR:  
Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771

Be advised that Rockies Standard Oil Company, LLC is responsible under the terms and conditions of the related lease for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. 1001696855.A

NAME (PLEASE PRINT) <u>Kimball Hodges</u>	TITLE <u>Manager</u>
SIGNATURE <i>[Signature]</i>	DATE <u>7/20/16</u>

(This space for State use only)

**APPROVED**

**SEP 14 2016**

DIV OIL GAS & MINING (See Instructions on Reverse Side)  
BY: *Rachael Medina*

RECEIVED

JUL 27 2016

**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>ML 49496</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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Rockies Standard Oil Company, LLC</b>			8. WELL NAME and NUMBER: <b>State 1-34</b>
3. ADDRESS OF OPERATOR: 1411 E 840 N                      CITY <b>Orem</b> STATE <b>UT</b> ZIP <b>84097</b>		PHONE NUMBER: <b>(801) 224-4771</b>	9. API NUMBER: <b>4301950067</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>0521' FNL, 0712' FEL</b>			10. FIELD AND POOL, OR WILDCAT: <b>Greater Cisco</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENE 34 21S 23E S</b>			COUNTY: <b>Grand County</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 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 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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.

**CHANGE OF OPERATOR**

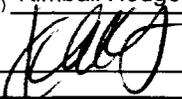
PREVIOUS OPERATOR:  
Rose Petroleum (Utah), LLC  
383 Inverness Parkway, Ste 330  
Englewood, CO 80112  
(303) 814-0388



NEW OPERATOR:  
Rockies Standard Oil Company, LLC  
1411 East 840 North  
Orem, UT 84097  
(801) 224-4771



Be advised that Rockies Standard Oil Company, LLC is responsible under the terms and conditions of the related lease for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. 1001696855.A

NAME (PLEASE PRINT) <u>Kimball Hodges</u>	TITLE <u>Manager</u>
SIGNATURE 	DATE <u>7/20/16</u>

(This space for State use only)

**APPROVED**

**SEP 14 2016**

(See Instructions on Reverse Side)

DIV OIL GAS & MINING  
BY: *Derek Medina*

RECEIVED  
JUL 27 2016

DIV. OF OIL, GAS & MINING

## ASSIGNMENT AND BILL OF SALE OF BONDS

THIS ASSIGNMENT AND BILL OF SALE (this "Assignment") executed by **ROSE PETROLEUM (UTAH) LLC**, a Delaware limited liability company (hereinafter called "Assignor"), with an office at 383 Inverness Parkway, Suite 330, Englewood, CO 80112, to **ROCKIES STANDARD OIL COMPANY, LLC**, a Delaware limited liability company (hereinafter called "Assignee"), with an office at 1411 East 840 North, Orem, Utah, 84097, dated effective April 1, 2016 (said day being hereinafter called the "Effective Time").

All capitalized terms not defined herein shall have the meanings ascribed to them in that certain Purchase and Sale Agreement dated March 13, 2014, executed by and between Assignor and Assignee and/or that certain Side Agreement to Purchase and Sale Agreement between Assignor and Assignee dated effective April 1, 2016.

### **ARTICLE I** **Assignment of Bonds**

Assignor, for Ten and No/100 Dollars (\$10.00) and other good and valuable consideration in hand paid by Assignee, the receipt and sufficiency of which consideration are hereby acknowledged and confessed, by these presents does hereby ASSIGN, TRANSFER, SET OVER, RELEASE and DELIVER unto Assignee ALL (100.0%) of Assignor's right, title, and interest in and to the following described bonds and/or bonding instruments:

- (a) State of Utah School and Institutional Trust Lands Administration Bond # 5605 in the amount of \$15,000.00;
- (b) Utah Division of Oil Gas and Mining statewide blanket bond #1001696855 in the amount of \$120,000.00; and
- (c) United States Department of the Interior Bureau of Land Management bond #UTB000645 in the amount of \$280,000.00;

as well as, without limitation, any and all proceeds and/or refunds of the same. All of the bonds and/or bonding instruments (a) through (c) above are hereinafter collectively called the "Bonds".

TO HAVE AND TO HOLD the Bonds unto Assignee, its respective successors and assigns forever, subject, however, to the matters set forth herein. The Bonds are assigned by Assignor and accepted by Assignee expressly subject to the terms and conditions of that Side Agreement to Purchase and Sale Agreement dated effective April 1, 2016 executed by and between Assignor and Assignee.

**ARTICLE III**  
**Miscellaneous**

Section 3.1 Further Assurances. Assignor covenants and agrees to execute and deliver to Assignee all such other and additional instruments and other documents and will do all such other acts and things as may be necessary more fully to assure to Assignee or its successors or assigns, all of the respective rights and interests herein and hereby assigned or intended to be assigned, including without limitation, executing separate assignments of individual bonds or bonding instruments, which are included in the Bonds and which are necessary to facilitate the recognition of Assignee's ownership of the Bonds.

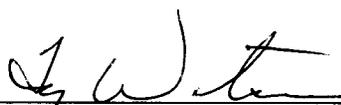
Section 3.2 Successors and Assigns. All of the provisions hereof shall inure to the benefit of and be binding upon the respective successors and assigns of Assignor and Assignee. All references herein to either Assignor or Assignee shall include their respective successors and assigns.

Section 3.3 Counterparts. This Assignment is being executed in several original counterparts, no fewer than four (4), all of which are identical, and each such counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute but one and the same assignment.

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be executed on the dates of their respective acknowledgments set forth below, to be effective, however, as of the Effective Time.

**Assignor**

ROSE Petroleum (UTAH) LLC

By:   
\_\_\_\_\_  
Ty Watson, its President

**Assignee**

ROCKIES STANDARD OIL COMPANY, LLC

By:   
\_\_\_\_\_  
Name: Kimball Hodges  
Title: Manager of Petro Fuego, LLC; Petro Fuego, LLC as Manager of Rockies Standard Oil Company, LLC.



Rachel Medina &lt;rachelmedina@utah.gov&gt;

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## Bonding

1 message

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Rachel Medina <rachelmedina@utah.gov>  
To: Kimball Hodges <khodges@rockiesstandard.com>

Wed, Aug 24, 2016 at 3:37 PM

Hi Kimball,

We will be able to move forward with moving the statewide blanket bond from Rose to individual bonds with Rockies. Below is the break down of what Dustin is going to require for each well.

CPSKY PHLPS FEE 8-1 \$15,000

Thunderbird 1 \$1,500

State 32-1 \$15,000.00

State 16-42 \$30,000

State 1-34 \$30,000.00-Once you have final inspection on this well you can submit a letter requesting a bond release on the funds.

Bring a total of \$91,500.00. What I need from Rockies now is a Form 4B.2 on each well. The bond number is going to be the check number (1001696885), then if you could add an alpha character to the end (e.g 1001696885a, 1001696885b) this help to keep the records clear in our system.

Rockies currently has two cash bonds with the Division, but as a precaution if you could also submit a current IRS W-9 form for the bank that holds our bonds that would be greatly appreciated.

Also, to have a clear account, if you would submit a letter with the above forms stating that you're using the blanket bond as individual bond. Follow that up with a request to release the remaining \$28,500 that per the submitted agreement needs to be sent to Rockies Standard and the address we should mail the check to.

To answer Brad's question the two years audited financials would need to be reviewed by an independent certified public accountant.

If you have any question please let me know. In regards to this matter...because I am handling multiple task that take me away from my desk recently, if you try to call or email me and I'm not available you may call my cell phone [REDACTED]

Thanks!

—  
Rachel Medina  
Division of Oil, Gas & Mining  
Bonding Technician  
801-538-5260



1411 East 840 North, Orem, Utah 84097

RECEIVED  
AUG 31 2016  
DIV. OF OIL, GAS & MINING

August 30, 2016

To: Utah Department of Oil, Gas, and Mining – Department of Natural Resources  
ATTN: Rachel Medina  
1594 W North Temple, Suite 1210  
Salt Lake City, UT 84116

**RE: Moving Rose Blanket Bond to Rockies Individual Bonds 1001696885a, 1001696885b, 1001696885c, 1001696885d, and 1001696885e and Releasing Balance to Rockies**

Enclosed is a completed Form 4B.2 for each of five wells recently acquired from Rose Petroleum (Utah), LLC (“Rose”) for which Rockies Standard Oil Company, LLC (“RSOC”) will assume operations. Rose assigned its blanket DOGM bond (1001696855) to Rockies, but Rockies requests that Rose’s statewide bond instead be used to bond these wells on an individual basis rather than blanket.

Rockies further requests that the balance of the Rose blanket bond (such balance in the amount of \$28,500.00) be released to Rockies at:

Rockies Standard Oil Company, LLC  
Attn: Operations  
1411 East 840 North  
Orem, UT 84097

Your help and prompt attention to this matter is greatly appreciated.

Sincerely,

Kimball Hodges  
Manager of PetroFuego, LLC  
Manager for Rockies Standard Oil Company, LLC