



November 19, 2004

RECEIVED

NOV 23 2004

DIV. OF OIL, GAS & MINING

Ms. Diana Whitney
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill – Bill Barrett Corporation
Cedar Camp #1-6-16-23, Lot 1, NENE, 647' FNL, 465' FEL
Section 6, T16S-R23E, S.L.B.&M., Grand County, Utah
Cedar Camp #1-1-16-22, Lot 1, NENE, 550' FNL, 750' FEL
Section 1, T16S-R22E, S.L.B.&M., Grand County, Utah

Dear Ms. Whitney:

Bill Barrett Corporation (BBC) respectfully submits an original and two copies of each of the *Applications for Permit to Drill (APDs)* for the above referenced wells.

BBC requests CONFIDENTIAL treatment of all information contained in and pertaining to this application. Thank you in advance for your timely consideration of this application. Please feel free to contact me at 303-312-8168 if you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script that reads 'Tracey Fallang'.
Tracey Fallang
Permit Analyst

Enclosures

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

001

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

CONFIDENTIAL

FORM 3

AMENDED REPORT
(highlight changes)

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-46111	6. SURFACE: State
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		8. UNIT or CA AGREEMENT NAME:	
3. ADDRESS OF OPERATOR: 1099 18th St, Suite 230C CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 312-8168	9. WELL NAME and NUMBER: Cedar Camp 1-1-16-22
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: Lot 1, 550' FNL, 750' FEL AT PROPOSED PRODUCING ZONE: same		10. FIELD AND POOL, OR WILDCAT: Cedar Camp/Wingate	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 80 miles south of Roosevelt		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E	12. COUNTY: Grand
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 550'	16. NUMBER OF ACRES IN LEASE: 640.28	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 640.28	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) N/A	19. PROPOSED DEPTH: 11,000	20. BOND DESCRIPTION: LPM 4138148	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7597'	22. APPROXIMATE DATE WORK WILL START: 4/5/2005	23. ESTIMATED DURATION: 70 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			
12 1/4"	9 5/8" J or K 55 36#	300	Premium Plus Type III	150 sx	1.42 ft ³ /sk	14.5 ppg
8 3/4"	7" N-80 23#	5,350	Tuned Light Blend G	450 sx	2.54 ft ³ /sk	10.0 ppg
6 1/4"	4 1/2" HCP-110 11.6#	11,000	HLC	770 200 sx	2.54 ft ³ /sk	12.5 ppg
			50/50 P02	340 sx	1.47 ft ³ /sk	13.5 ppg

RECEIVED
NOV 23 2004
DIV. OF OIL, GAS & MINING

ATTACHMENTS

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

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- COMPLETE DRILLING PLAN
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Tracey Fallang TITLE Permit Analyst

SIGNATURE *Tracey Fallang* DATE 11/19/2004

(This space for State use only)

API NUMBER ASSIGNED: 43-019-31415

APPROVAL:

Approved by the Utah Division of Oil, Gas and Mining

Date: 01-24-05

By: *[Signature]*

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/23/2004

API NO. ASSIGNED: 43-019-31415

WELL NAME: CEDAR CAMP 1-1-16-22
OPERATOR: BILL BARRETT CORP (N2165)
CONTACT: TRACEY FALLANG

PHONE NUMBER: 303-312-8168

PROPOSED LOCATION:

NENE 01 160S 220E
SURFACE: 0550 FNL 0750 FEL
BOTTOM: 0550 FNL 0750 FEL
GRAND
UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DRD	1/21/05
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: ML-46111
SURFACE OWNER: 3 - State
PROPOSED FORMATION: WINGT
COALBED METHANE WELL? NO

LATITUDE: 39.45051
LONGITUDE: -109.4332

RECEIVED AND/OR REVIEWED:

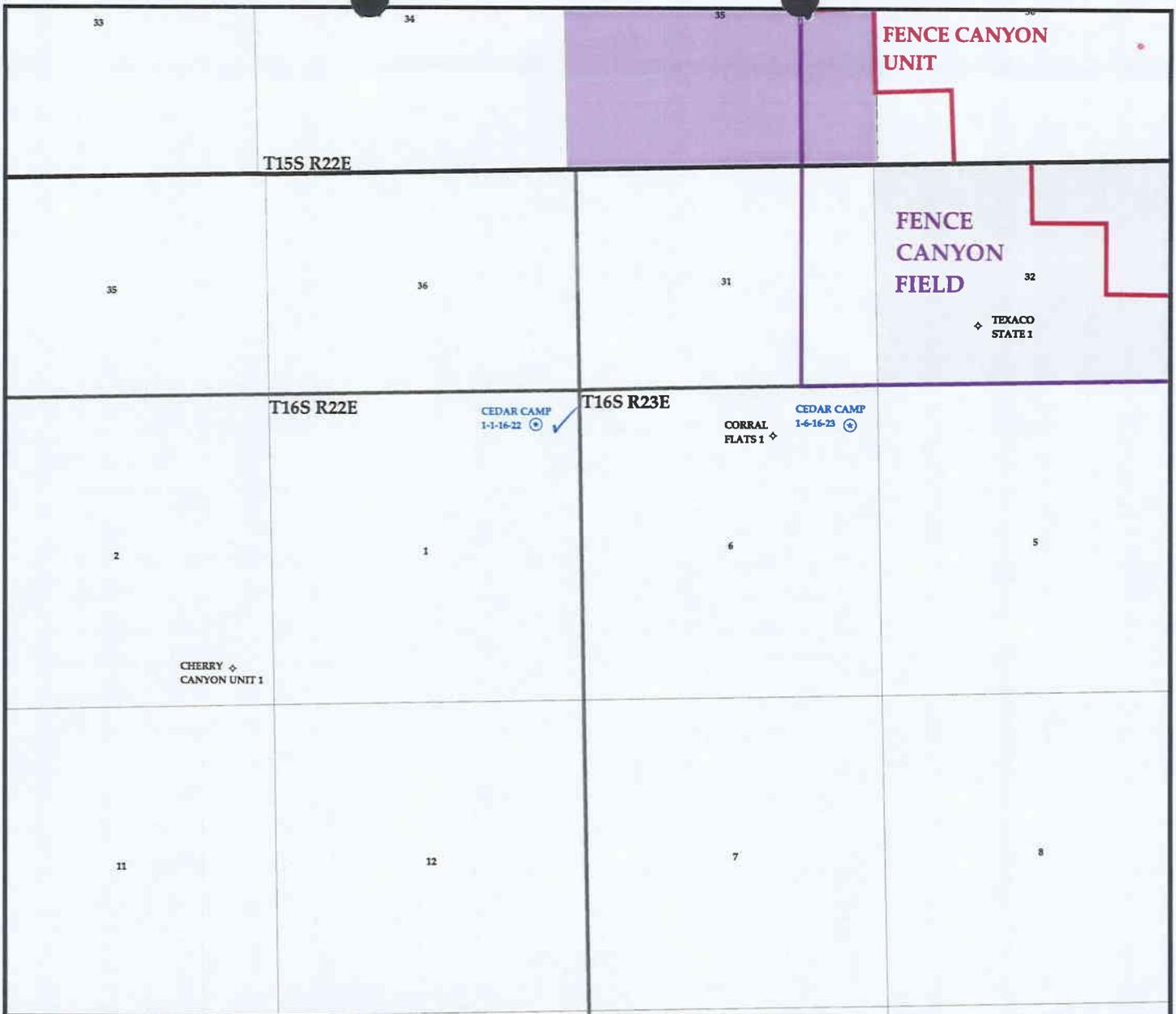
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. LPM4138148)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-1223)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

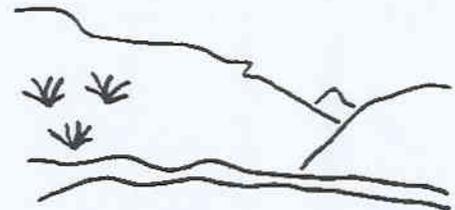
- ___ R649-2-3.
- Unit _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- ___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS: Needs Permit (12-02-04)

STIPULATIONS: H Spacing Strip
Z- STATEMENT OF BASIS



OPERATOR: BILL BARRETT CORP (N2165)
SEC. 1 T.16S R.22E
FIELD: UNDESIGNATED (002)
COUNTY: GRAND
SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

Wells	Units.shp	Fields.shp
♣ GAS INJECTION	□ EXPLORATORY	□ ABANDONED
✳ GAS STORAGE	□ GAS STORAGE	□ ACTIVE
✕ LOCATION ABANDONED	□ NF PP OIL	□ COMBINED
⊕ NEW LOCATION	□ NF SECONDARY	□ INACTIVE
◇ PLUGGED & ABANDONED	□ PENDING	□ PROPOSED
✳ PRODUCING GAS	□ PI OIL	□ STORAGE
● PRODUCING OIL	□ PP GAS	□ TERMINATED
✳ SHUT-IN GAS	□ PP GEOTHERML	
➔ SHUT-IN OIL	□ PP OIL	
✕ TEMP. ABANDONED	□ SECONDARY	
○ TEST WELL	□ TERMINATED	
▲ WATER INJECTION		
◆ WATER SUPPLY		
♣ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY
 DATE: 29-NOVEMBER-2004

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: Bill Barrett Corporation
WELL NAME & NUMBER: Cedar Camp 1-1-16-22
API NUMBER: 43-019-31415
LOCATION: 1/4,1/4 NE/NE Sec: 1 TWP: 16 S RNG: 22 E 550 FNL 750 FEL

Geology/Ground Water:

Bill Barrett Corp. proposes to set 300' of surface casing at this location. The base of the moderately saline water is at approximately 3,700 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River formation and fresh water can be expected to be found in the upper Green River. A search of Division of Water Rights records indicates 1 water well and 7 surface filings within a 10,000 foot radius of the proposed location. The listed water well is approximately 1 mile from the proposed well. The water well application indicates that the well is 100-550' deep. It is recommended that at least 750' of surface casing be set due to the close proximity to springs, deep canyons and the existing water well.

Reviewer: Brad Hill **Date:** 12-08-2004

Surface:

The Roosevelt Field Office did a presite investigation of the surface area to take input and address issues regarding the drilling of this well. Ed Bonner with SITLA and Floyd Bartlett with UDWR were both invited to participate in onsite meeting on December 2, 2004. Notification was given to those parties by email, fax and telephone. Floyd Bartlett could not attend but did provide a seed mixture for reclamation and comments by fax regarding these wells for the Division of Wildlife Resources. The UDWR didn't want to impose any drilling restrictions on this area but did request that Barrett not drill during the months of May and June because of sage grouse potential; furthermore, Bartlett explained this area is critical high use calving and fawning grounds for elk and mule deer.

This location is a legal staking and was left in the window of tolerance provided by state spacing rules. The surface was relatively flat and didn't have any drainage problems. The surface was open range and no fences or drainage ditches were noted after leaving the main road. There was, however, six to eight inches of snow cover on the ground during our visit. The Meadow Creek Drainage runs north/northwest and is located approximately 800 feet south of this location. The map shows one spring in Meadow Creek 5/8 mile south of location. The topography east of this location drops off and drains into Meadow Creek. Water is a valuable commodity in this region, and therefore, a reserve pit liner should be utilized to conserve and protect that resource. No other issues were noted during our visit. Barrett did claim they might want to drill these wells this winter when the permits are available.

Reviewer: Dennis L. Ingram **Date:** December 13, 2004

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Bill Barrett Corporation
WELL NAME & NUMBER: Cedar Camp 1-1-16-22
API NUMBER: 43-019-31415
LEASE: ML-46111 FIELD/UNIT: UNDESIGNATED
LOCATION: 1/4,1/4 NE/NE Sec: 1 TWP: 16S RNG: 22E 550 FNL 750 FEL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): X =12 0634809 Y =4367739 N SURFACE OWNER: SITLA

PARTICIPANTS

Dennis L. Ingram (DOGM) Fred Goodrich (Bill Barrett Corp) Doug Weaver
(Mike Brady Construction)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed approximately 55 miles +/- miles south of Ouray down Seep Ridge Road then 8.9 +/- miles west along the Book Cliffs Divide road to Winter Ridge, then north 3.3 miles +/- miles to location. This well stakes up on a broad flat, on the west side of Winter Ridge and just north of an existing east-west, two-track road. The Meadow Creek Drainage and spring is location approximately 800 feet south of proposed location. Other landmarks in this local are the old Three Pines, which are found south of location along access road and Hay Canyon that provides access to Interstate 70.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife, grazing, recreational and hunting.

PROPOSED SURFACE DISTURBANCE: Upgrade 0.2 +/- miles of existing two-track road and 350' of new road, plus location measuring 350'x 162' and having temporary reserve pit and storage are for surface stockpile outside of described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: CF#1

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Proposed gas line along north side of access road to the Winter Ridge Pipeline which follows Winter Ridge

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill

ANCILLARY FACILITIES: None Requested, however, a man camp will be required to drill said well and should remain on location surface or be otherwise requested if on Sitla ground.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): NATURALISTS OR WILDLIFE MANAGERS MIGHT HAVE CONCERNS OVER LAND USUSAGE IF PROJECT IS SUCCESSFUL AND EXPANDS

WASTE MANAGEMENT PLAN:

Submitted to the Division with Application to Drill

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Pinion Juniper habitat, mostly open sagebrush ground cover; Concerns on sage grouse if drilled in late spring and summer, and/or calving grounds for mule deer and elk, wildlife in area considered very diverse.

SOIL TYPE AND CHARACTERISTICS: six to eight inches of snow cover, probably reddish/brown fine grained sandy loam with some clays present

SURFACE FORMATION & CHARACTERISTICS: Green River

EROSION/SEDIMENTATION/STABILITY: minor erosion, some sedimentation, no stability problems anticipate.

PALEONTOLOGICAL POTENTIAL: None observed

RESERVE PIT

CHARACTERISTICS: Proposed in cut on north side of location measuring 80'x 120'x 10' deep, and having wellhead downwind or parallel to the pit.

LINER REQUIREMENTS (Site Ranking Form attached): 40 points

SURFACE RESTORATION/RECLAMATION PLAN

According to SITLA stipulations or recontour, reshape and reseeded with seed mixture provided by Vernal UDWR Office.

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Operator was told during onsite an arch survey is required on state lands and copies of that report need forwarded to DOGM and Sitla.

OTHER OBSERVATIONS/COMMENTS

Existing two-track road from Winter Ridge crosses location on southeast corner, Meadow Creek drainage approximately 800' south of location, surface slopes to the north, relatively flat surface,

ATTACHMENTS

Photos of this location were taken and placed on file.

Dennis L. Ingram
DOGM REPRESENTATIVE

December 8, 2004 12:00 PM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>25</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 40 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.



2004 12 7



2004 12 7







2004 12 7





State Online Services

Agency List

Business.utah.gov

Search Utah.gov

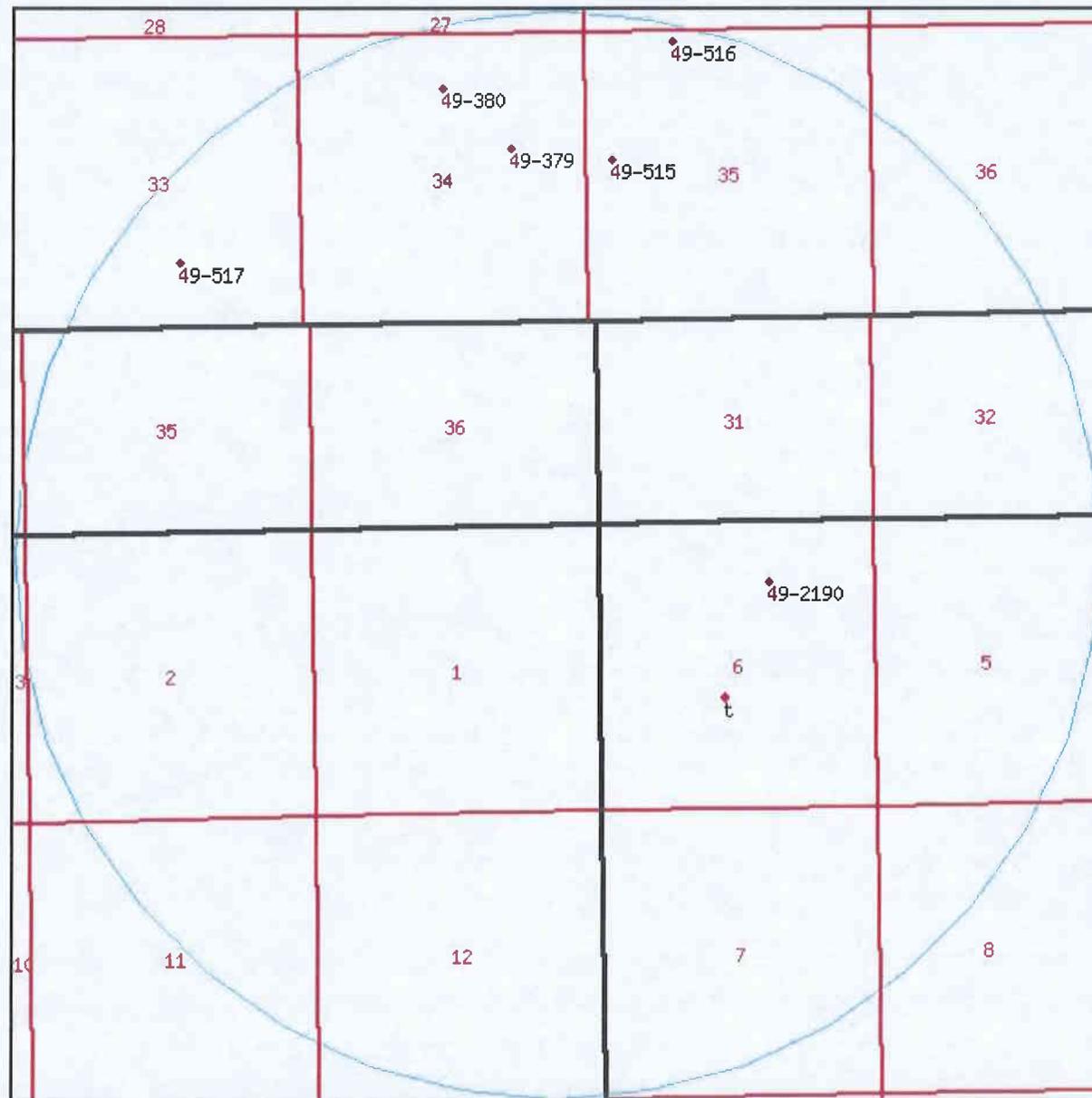
GO

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.11.16.00 Rundate: 12/13/2004 02:04 PM

Radius search of 10000 feet from a point S550 W750 from the NE corner, section 01, Township 16S, Range 22E, SL b&m
Criteria:wrtypes=W,C,E podtypes=S,U,Sp status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>49-1223</u>	Surface S550 E2290 W4 06 16S 23E SL		A	19820927	S	0.015	0.000	BURT DELAMBERT BOX 607
<u>49-2190</u>	Underground S1050 E3150 NW 06 16S 23E SL		U	20041202	O	0.000	20.000	BURT AND CHRISTINE DELAMBERT P. O. BOX 607
<u>49-379</u>	Surface N500 W1400 E4 34 15S 22E SL		A	19801205	OS	0.015	0.000	VERNAL DISTRICT USA BUREAU OF LAND MANAGEMENT 170 SOUTH 500 EAST
<u>49-380</u>	Surface S1000 E10 N4 34 15S 22E SL		P	19801205	OS	0.015	0.000	VERNAL DISTRICT USA BUREAU OF LAND MANAGEMENT 170 SOUTH 500 EAST
<u>49-515</u>	Surface N300 E500 W4 35 15S 22E SL		P	1861	OS	0.015	0.000	USA BUREAU OF LAND MANAGEMENT 2370 SOUTH 2300 WEST
<u>49-516</u>	Surface S200 W1000 N4 35 15S 22E SL		P	1861	OS	0.015	0.000	USA BUREAU OF LAND MANAGEMENT 2370 SOUTH 2300 WEST
<u>49-517</u>	Surface N1200 E400 S4 33 15S 22E SL		P	1861	OS	0.000	1.000	USA BUREAU OF LAND MANAGEMENT 2370 SOUTH 2300 WEST
<u>49-976</u>	Surface		A	19811007	S	0.015	0.000	BURT DELAMBERT

N2100 E2250 SW 06
16S 23E SL

BOX 607

t

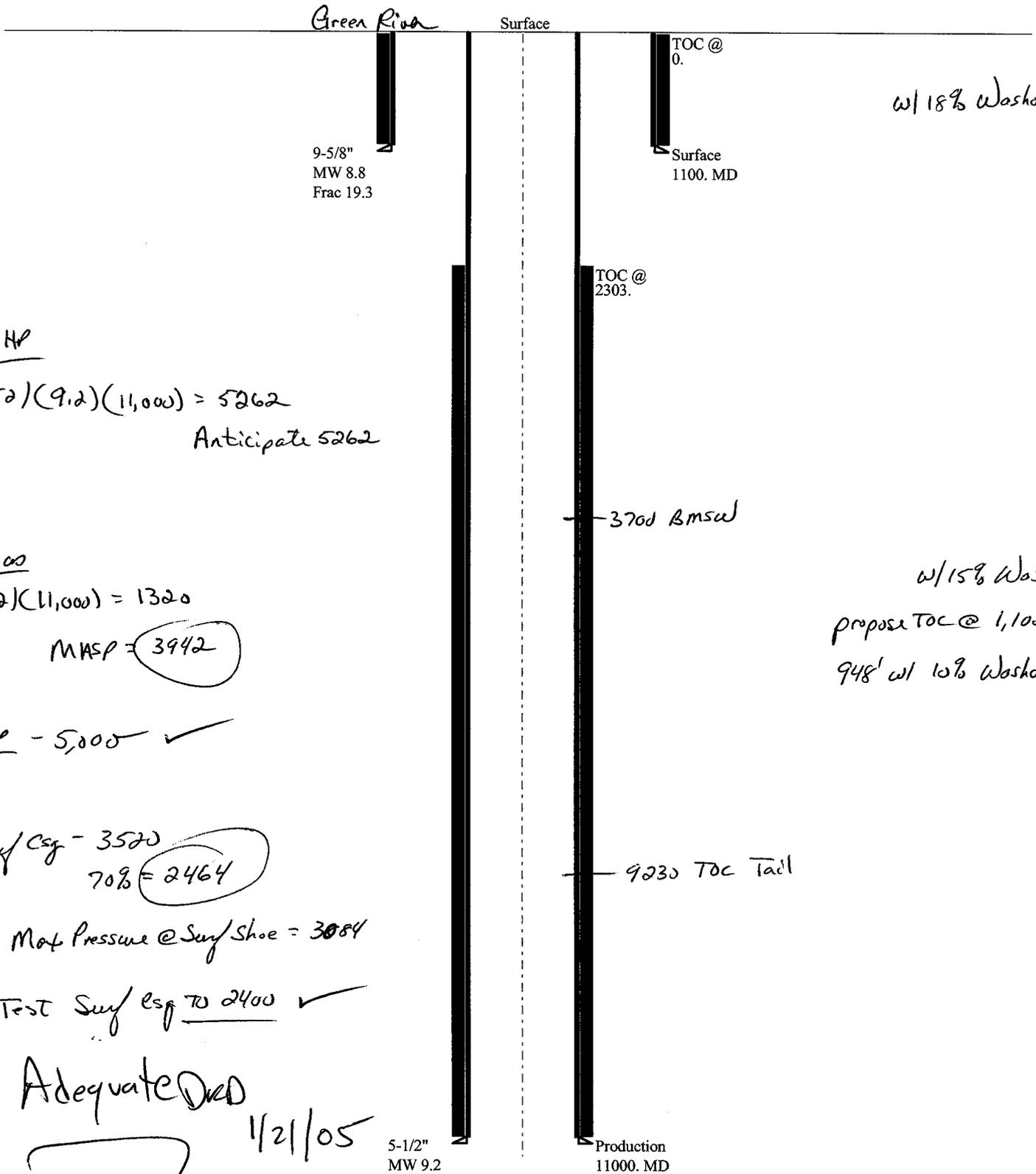
Surface
S550 E2290 W4 06 16S
23E SL

U 20040607 O 0.015 8.400 BURT & CHRISTINE DELAMBERT

BOX 607

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Casing Schematic



w/ 18% Washcoat

BHP

$$(0.052)(9.2)(11,000) = 5262$$

Anticipate 5262

Gas

$$(0.12)(11,000) = 1320$$

MASP = 3942

w/ 15% Washcoat

propose TOC @ 1,100'
948' w/ 10% Washcoat

BoP - 5,000 ✓

Surf Csg - 3570

$$70\% = 2464$$

Mat Pressure @ Surf Shoe = 3084

Test Surf Csg TO 2400 ✓

Adequate DWD

1/21/05



5-1/2"
MW 9.2

Production
11000. MD

From: Ed Bonner
To: Whitney, Diana
Date: 12/30/2004 8:44:43 AM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Bill Barrett Corporation
Peters Point State 6-2D-13-16
Cedar Camp 1-1-16-22
Cedar Camp 1-6-16-23

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil

Well name:	01-05 Bill Barrett Cedar Camp 1-1-16-22		
Operator:	Bill Barrett Corp		
String type:	Surface	Project ID:	43-019-31415
Location:	Grand County		

Design parameters:

Collapse

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 343 psi
Internal gradient: 0.447 psi/ft
Calculated BHP: 834 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 air weight.
Neutral point: 957 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 80 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 11,000 ft
Next mud weight: 9.200 ppg
Next setting BHP: 5,257 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,100 ft
Injection pressure 1,100 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	1100	9.625	36.00	J-55	ST&C	1100	1100	8.796	78.3
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	503	2020	4.017	834	3520	4.22	40	394	9.95 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Date: January 20, 2005
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 1100 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	01-05 Bill Barrett Cedar Camp 1-1-16-22		
Operator:	Bill Barrett Corp	Project ID:	43-019-31415
String type:	Production		
Location:	Grand County		

Design parameters:

Collapse
Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,937 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 5,257 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 air weight.
Neutral point: 9,465 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 219 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 2,303 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	11000	5.5	17.00	HCP-110	LT&C	11000	11000	4.767	379.1

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	5257	8580	1.632	5257	10640	2.02	187	445	2.38 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Date: January 20, 2005
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 11000 ft, a mud weight of 9.2 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

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



FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML46111
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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Cedar Camp #1-1-16-22	
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		9. API NUMBER: Pending
3. ADDRESS OF OPERATOR: 1099 18TH ST. Ste230C CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 312-8168	10. FIELD AND POOL, OR WILDCAT: Cedar Camp/Wingate
4. LOCATION OF WELL FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL		COUNTY: Carbon
QTR/CTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E		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: 1/25/2005	<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"/> 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	
	<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.

BBC WOULD LIKE TO SUBMIT THE REVISED CASING, CEMENTING AND MUD PROGRAM AS NOTED BELOW. DISCUSSIONS REGARDING THESE PROPOSED CHANGES HAVE OCCURRED WITH CLINT DWORKSHAK.

Size of Hole	Size of Csg	Weight	Grade	Setting Depth	Quantity of Cmt
12-1/4"	9-5/8"	36#	J-55	1100'	500 sx
7-7/8"	5-1/2"	17#	HCP-110	11,000'	770 sx (Lead) / 340 sx (Tail)

Interval	Weight	Viscosity	Fluid Loss	Type
0 - 60'	4.0 - 8.4	28	-	Air/Freshwater
60' - 1,100'	8.4 - 9.0	28 - 34	-	Freshwater spud mud
1,100' - 11,000'	8.8 - 9.2	38 - 48	15 cc or less	DAP Polymer Mud

A REVISED DRILLING PROGRAM IS ATTACHED INDICATING THESE CHANGES AND REVISIONS TO THE BOP DATA INTERVAL, ANTICIPATED PRESSURES, AND APPROXIMATE SPUD DATE (WHICH IS NOW 1/25/05).

NAME (PLEASE PRINT) <u>Tracey Fallang</u>	TITLE <u>Permit Analyst</u>
SIGNATURE <u><i>Tracey Fallang</i></u>	DATE <u>1/19/2005</u>

(This space for State use only)

DRILLING PLAN

BILL BARRETT CORPORATION

Cedar Camp #1-1-16-22

Surface Location: NENE, 550' FNL & 750' FEL, Section 1, T16S-R22E, S.L.B.&M.
Grand County, Utah

1-3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth
Castlegate	4965'
Mancos	5225'
Dakota Silt	8630'
Dakota	8710'
Cedar Mountain	8805'
Morrison	8900'
Entrada	9485'
Navajo	9695'
Wingate	9925'
Chinle	10,245'
TD	11,000'

PROSPECTIVE PAY

The Wingate formation is the primary objective for oil/gas. Dakota, Morrison, Entrada, and Navajo formations are secondary objectives for oil/gas.

4. Casing Program (Exhibit A attached)

Hole Size	SETTING DEPTH		Casing Size	Casing Weight	Casing Grade	Thread	Condition
	(FROM)	(TO)					
12 1/4"	surface	1,100'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	surface	11,000'	5 1/2"	17#	HCP-110	LT&C	New

5. Cementing Program (Exhibit B attached)

9 5/8" Surface Casing	Approximately 500 sx Premium Plus Type III cement with additives mixed at 14.5 ppg (yield = 1.42 ft ³ /sx) circulated to surface with 100% excess
-----------------------	--

Bill Barrett Corporation
 Drilling Program (rev 1/19/05)
 Cedar Camp #1-1-16-22
 Grand County, Utah

Cementing Program (cont.)

5 1/2" Production Casing	Lead with approximately 770 sx Halliburton Light Premium cement with additives mixed at 12.5 ppg (yield = 2.54 ft ³ /sx) and tail with approximately 50/50 Poz Premium cement with additives mixed at 13.5 ppg (yield = 1.47 ft ³ /sx). Actual cement volumes will be based on the open-hole caliper logs + 10% excess. Top of cement to be determined by log and sample evaluation; estimated TOC 1,000'.
--------------------------	--

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0 - 60'	4.0 - 8.4	28	--	Air/Freshwater
60' - 1,100'	8.4 - 9.0	28 - 34	--	Freshwater spud mud
1,100' - 11,000'	8.8 - 9.2	38 - 48	15 cc or less	DAP Polymer Mud

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. If deviation problems and increased torque and drag occur, may add #2 diesel oil with ENVIRO-TORQ / EZ-GLIDE for reduction and increased ROP.

7. BOP and Pressure Containment Data (Exhibit C attached)

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 - 1,100'	No pressure control required
1,100 - TD	11", 5000# Ram Type BOP 11", 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary and choke manifold to be rated @ 5,000 psi;	
- Ancillary equipment and choke manifold rated at 5,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	

8. Auxiliary equipment

- a) Upper Kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

9. **Testing, Logging and Core Programs**

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER (all TD to surface).

10. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5262 psi* and maximum anticipated surface pressure equals approximately 2842 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

11. **Drilling Schedule**

Spud: Approximately January 25, 2005
 Duration: 35 days drilling time
 35 days completion time

12. **Water Source**

At this time BBC has not determined a water supply source but will submit evidence of such via sundry prior to beginning drilling operations.

13. **Archaeology (Exhibit D attached)**

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC Report No. 04-301). Cultural clearance was recommended for the well site and access road.

EXHIBIT A

Well name:	Cedar Camp General
Operator:	Bill Barrett
String type:	Surface
Location:	16S 22 & 23E

Design parameters:

Collapse:

Mud weight: 8.50 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface

pressure: 444 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 686 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: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 962 ft

Environment:

H2S considered? No

Surface temperature: 60.00 °F

Bottom hole temperature: 75 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 300 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 11,000 ft

Next mud weight: 12.000 ppg

Next setting BHP: 6,857 psi

Fracture mud wt: 12.000 ppg

Fracture depth: 1,100 ft

Injection pressure 686 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 ³)
1	1100	9.625	36.00	J-55	ST&C	1100	1100	8.796	78.3
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	486	2020	4.159	686	3520	5.13	35	394	11.38 J

Prepared Dominic Spencer
by: Bill Barrett Corporation

Phone: (303) 312-8143
FAX: (303) 312-8195

Date: January 17, 2005
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1100 ft, a mud weight of 8.5 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.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	Cedar Camp General
Operator:	Bill Barrett
String type:	Production
Location:	16S 22 & 23E

Design parameters:

Collapse

Mud weight: 12.00 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface

pressure: 4,437 psi

Internal gradient: 0.22 psi/ft

Calculated BHP: 6,857 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: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 8,998 ft

Environment:

H2S considered? No

Surface temperature: 60.00 °F

Bottom hole temperature: 214 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 1,000 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	11000	5.5	17.00	HCP-110	LT&C	11000	11000	4.767	379.1
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	6857	8580	1.251	6857	10640	1.55	153	445	2.91 J

Prepared Dominic Spencer
by: Bill Barrett Corporation

Phone: (303) 312-8143
FAX: (303) 312-8195

Date: January 17, 2005
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 11000 ft, a mud weight of 12 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.

Engineering responsibility for use of this design will be that of the purchaser.

EXHIBIT B

HALLIBURTON

Job Recommendation

9-5/8" Surface Casing

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer w/ Gel

Fluid Density: 8.40 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Primary Cement

Premium Plus - Type III

94 lbm/sk Premium Plus - Type III (Cement-api)

3 % Salt (Accelerator)

0.2 % Versaset (Thixotropic Additive)

Fluid Weight 14.50 lbm/gal

Slurry Yield: 1.42 ft³/sk

Total Mixing Fluid: 6.93 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 1100 ft

Volume: 125.81 bbl

Calculated Sacks: 498.50 sks

Proposed Sacks: 500 sks

Fluid 3: Water Spacer

Displacement

Fluid Density: 8.40 lbm/gal

Fluid Volume: 81.90 bbl

Job Procedure

9-5/8" Surface Casing

Detailed Pumping Schedule

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg. Rate bbl/min	Downhole Volume
1	Spacer	Water Spacer w/ Gel	8.4	4.0	20 bbl
2	Cement	Surface Cement	14.5	4.0	500 sks
3	Spacer	Displacement	8.4	4.0	81.90 bbl

HALLIBURTON

Job Recommendation 5-1/2" Production Casing - 12 ppg Tuned Light Cement w/ 13.5 ppg Tail

Fluid Instructions

Fluid 1: Water Spacer

Fresh Water

Fluid Density: 8.40 lbm/gal

Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer

SUPER FLUSH 100

Fluid Density: 11.70 lbm/gal

Fluid Volume: 20 bbl

Fluid 3: Water Spacer

Fresh Water

Fluid Density: 8.40 lbm/gal

Fluid Volume: 10 bbl

Fluid 4: Primary Cement

Halliburton Light Premium

20 % SSA-1 (Additive Material)

18 % Silicalite Compacted (Light Weight Additive) Total Mixing Fluid: 13.56 Gal/sk

0.5 % Halad(R)-344 (Low Fluid Loss Control) Top of Fluid: 1000 ft

0.4 % HR-12 (Retarder) Calculated Fill: 8000 ft

Volume: 346.08 bbl

Calculated Sacks: 765.91 sks

Proposed Sacks: 770 sks

Fluid 5: Tail Cement

50/50 Poz Premium

5 lbm/sk Silicalite Compacted (Additive Material)

0.2 % CFR-3 (Dispersant) Fluid Weight: 13.50 lbm/gal

0.3 % Halad(R)-344 (Low Fluid Loss Control) Slurry Yield: 1.47 ft³/sk

0.3 % Super CBL (Expander) Total Mixing Fluid: 6.98 Gal/sk

0.2 % HR-5 (Retarder) Top of Fluid: 9000 ft

0.25 lbm/sk Flocele (Lost Circulation Additive) Calculated Fill: 2000 ft

Volume: 87.33 bbl

Calculated Sacks: 334.24 sks

Proposed Sacks: 340 sks

Fluid 6: Water Spacer

Displacement

Fluid Density: 8.40 lbm/gal

Fluid Volume: 254.79 bbl

EXHIBIT C
(no change from initial submission)

EXHIBIT D
(no change from initial submission)

DRILLING PLAN

BILL BARRETT CORPORATION

Cedar Camp #1-1-16-22

Surface Location: NENE, 550' FNL & 750' FEL, Section 1, T16S-R22E, S.L.B.&M.
Grand County, Utah

1-3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth
Castlegate	4965'
Mancos	5225'
Dakota Silt	8630'
Dakota	8710'
Cedar Mountain	8805'
Morrison	8900'
Entrada	9485'
Navajo	9695'
Wingate	9925'
Chinle	10,245'
TD	11,000'

PROSPECTIVE PAY

The Wingate formation is the primary objective for oil/gas. Dakota, Morrison, Entrada, and Navajo formations are secondary objectives for oil/gas.

4. Casing Program (Exhibit A attached)

Hole Size	SETTING DEPTH		Casing Size	Casing Weight	Casing Grade	Thread	Condition
	(FROM)	(TO)					
12 ¼"	surface	300'	9 5/8"	36#	J or K 55	ST&C	New
8 ¾"	surface	5,350'	7"	23#	N-80	LT&C	New
6 ¼"	surface	11,000'	4 ½"	11.6#	HCP-110	LT&C	New

5. Cementing Program (Exhibit B attached)

9 5/8" Surface Casing	Approximately 150 sx Premium Plus Type III cement with additives mixed at 14.5 ppg (yield = 1.42 ft ³ /sx) circulated to surface with 100% excess
-----------------------	--

Bill Barrett Corporation
 Drilling Program
 Cedar Camp #1-1-16-22
 Grand County, Utah

7" Intermediate Casing	Approximately 450 sx Tuned Light Blend G cement with additives mixed at 10.0 ppg (yield = 2.54 ft ³ /sx). Actual cement volumes will be based on the open-hole caliper logs + 10% excess.
4 1/2" Production Casing	Approximately 360 sx Halliburton Light Premium cement with additives mixed at 12.5 ppg (yield = 2.54 ft ³ /sx). Actual cement volumes will be based on the open-hole caliper logs + 10% excess. Top of cement to be determined by log and sample evaluation; estimated TOC 5150'.

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0 – 300'	4.0 – 8.5		--	Air/Freshwater
300' – 5,350'	4.0 – 8.8	38 – 46	12 cc or less	Air/CRYSTAL-DRIL/DAP/HC2
5,350' – 11,000'	4.0 – 8.8	38 – 46	12 cc or less	Air/CRYSTAL-DRIL/DAP/HC2

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite.

7. **BOP and Pressure Containment Data (Exhibit C attached)**

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 300'	No pressure control required
300 – 5350'	11", 5000# Ram Type BOP 11", 5000# Annular BOP
5,350' – TD	11", 5,000# Ram Type BOP 11", 5,000# Annular BOP

- Drilling spool to accommodate choke and kill lines;
- Ancillary and choke manifold to be rated @ 5,000 psi;
- Ancillary equipment and choke manifold rated at 5,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;
- The State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.

8. **Auxiliary equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

Bill Barrett Corporation
Drilling Program
Cedar Camp #1-1-16-22
Grand County, Utah

9. **Testing, Logging and Core Programs**

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER (all TD to surface).

10. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5034 psi* and maximum anticipated surface pressure equals approximately 2614 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

11. **Drilling Schedule**

Spud: Approximately April 5, 2005
Duration: 35 days drilling time
35 days completion time

12. **Water Source**

At this time BBC has not determined a water supply source but will submit evidence of such via sundry prior to beginning drilling operations.

13. **Archaeology (Exhibit D attached)**

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC Report No. 04-301). Cultural clearance was recommended for the well site and access road.

EXHIBIT A

Well name:	Cedar Camp General
Operator:	Bill Barrett
String type:	Surface
Location:	16S 22 & 23E

Design parameters:

Collapse

Mud weight: 8.50 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: 60.00 °F
 Bottom hole temperature: 64 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 300 ft

Cement top: Surface

Burst

Max anticipated surface pressure:

98 psi

Internal gradient:

0.22 psi/ft

Calculated BHP

164 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 262 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 5,300 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 2,616 psi
 Fracture mud wt: 10.540 ppg
 Fracture depth: 300 ft
 Injection pressure: 164 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	300	9.625	36.00	J-55	ST&C	300	300	8.796	21.4
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	132	2020	15.249	164	3520	21.43	9	394	41.73 J

Prepared Dominic Spencer
 by: Bill Barrett Corp

Phone: (303) 312-8143
 FAX: (303) 312-8195

Date: November 9, 2004
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.5 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.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	Cedar Camp General
Operator:	Bill Barrett
String type:	Intermediate
Location:	16S 22 & 23E

Design parameters:

Collapse

Mud weight: 9.50 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: 60.00 °F
 Bottom hole temperature: 135 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 300 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,158 psi
 Internal gradient: 0.22 psi/ft
 Calculated BHP 3,335 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 4,586 ft

Re subsequent strings:

Next setting depth: 11,000 ft
 Next mud weight: 12.000 ppg
 Next setting BHP: 6,857 psi
 Fracture mud wt: 12.000 ppg
 Fracture depth: 5,350 ft
 Injection pressure 3,335 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	5350	7	23.00	N-80	LT&C	5350	5350	6.25	247.3
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	2640	3830	1.451	3335	6340	1.90	105	442	4.19 J

Prepared Dominic Spencer
 by: Bill Barrett Corp

Phone: (303) 312-8143
 FAX: (303) 312-8195

Date: November 12, 2004
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 5350 ft, a mud weight of 9.5 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.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:
 Operator: **Bill Barrett**
 String type: **Production**
 Location: **16S 22 & 23E**

Cedar Camp General

Design parameters:

Collapse

Mud weight: 12.00 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: 60.00 °F
 Bottom hole temperature: 214 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 5,150 ft

Burst

Max anticipated surface

pressure: 4,437 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 6,857 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 9,027 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)
1	11000	4.5	11.60	HCP-110	LT&C	11000	11000	3.875	255
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	6857	8650	1.261	6857	10690	1.56	105	279	2.66 J

Prepared Dominic Spencer
 by: Bill Barrett Corp

Phone: (303) 312-8143
 FAX: (303) 312-8195

Date: November 12,2004
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 11000 ft, a mud weight of 12 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.

Engineering responsibility for use of this design will be that of the purchaser.

EXHIBIT B

Job Recommendation

9-5/8" Surface Casing

Fluid Instructions

Fluid 1: Water Spacer
Water Spacer w/ Gel

Fluid Density: 8.40 lbm/gal
Fluid Volume: 20 bbl

Fluid 2: Primary Cement

Premium Plus - Type III
94 lbm/sk Premium Plus - Type III (Cement-api)
3 % Salt (Accelerator)
0.2 % Versaset (Thixotropic Additive)

Fluid Weight 14.50 lbm/gal
Slurry Yield: 1.42 ft³/sk
Total Mixing Fluid: 6.93 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 300 ft
Volume: 36.59 bbl
Calculated Sacks: 145 sks
Proposed Sacks: 150 sks

Fluid 3: Water Spacer
Displacement

Fluid Density: 8.40 lbm/gal
Fluid Volume: 20 bbl

Job Recommendation 7" Intermediate Casing - 10 ppg Tuned Light Cement

Fluid Instructions

Fluid 1: Water Spacer

Fresh Water

Fluid Density: 8.40 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer

SUPER FLUSH 100

Fluid Density: 11.70 lbm/gal
Fluid Volume: 20 bbl

Fluid 3: Water Spacer

Fresh Water

Fluid Density: 8.40 lbm/gal
Fluid Volume: 10 bbl

Fluid 4: Primary Cement

Tuned Light Blend G

0.3 % CFR-3 (Dispersant)
0.3 % Halad(R)-344 (Low Fluid Loss Control)
0.3 % Versaset (Thixotropic Additive)
0.3 % D-AIR 3000 (Defoamer)
0.3 % HR-5 (Retarder)

Fluid Weight 10 lbm/gal
Slurry Yield: 2.54 ft³/sk
Total Mixing Fluid: 10.58 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 5350 ft
Volume: 199.96 bbl
Calculated Sacks: 442 sks
Proposed Sacks: 450 sks

Fluid 5: Water Spacer

Displacement

Fluid Density: 8.40 lbm/gal
Fluid Volume: 209 bbl

Job Recommendation 4-1/2" Production Casing - 12.5 ppg HLC

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water

Fluid Density: 8.40 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer
SUPER FLUSH 100

Fluid Density: 11.70 lbm/gal
Fluid Volume: 20 bbl

Fluid 3: Water Spacer
Fresh Water

Fluid Density: 8.40 lbm/gal
Fluid Volume: 10 bbl

Fluid 4: Primary Cement
Halliburton Light Premium

20 % SSA-1 (Additive Material)
18 % Silicalite Compacted (Light Weight Additive)
0.5 % Halad(R)-344 (Low Fluid Loss Control)
0.4 % HR-12 (Retarder)

Fluid Weight 12.50 lbm/gal
Slurry Yield: 2.54 ft³/sk
Total Mixing Fluid: 13.56 Gal/sk
Top of Fluid: 5150 ft
Calculated Fill: 5850 ft
Volume: 159.44 bbl
Calculated Sacks: 352.86 sks
Proposed Sacks: 360 sks

Fluid 5: Water Spacer
Fresh Water

Fluid Density: 8.40 lbm/gal
Fluid Volume: 170 bbl

EXHIBIT C

3. PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

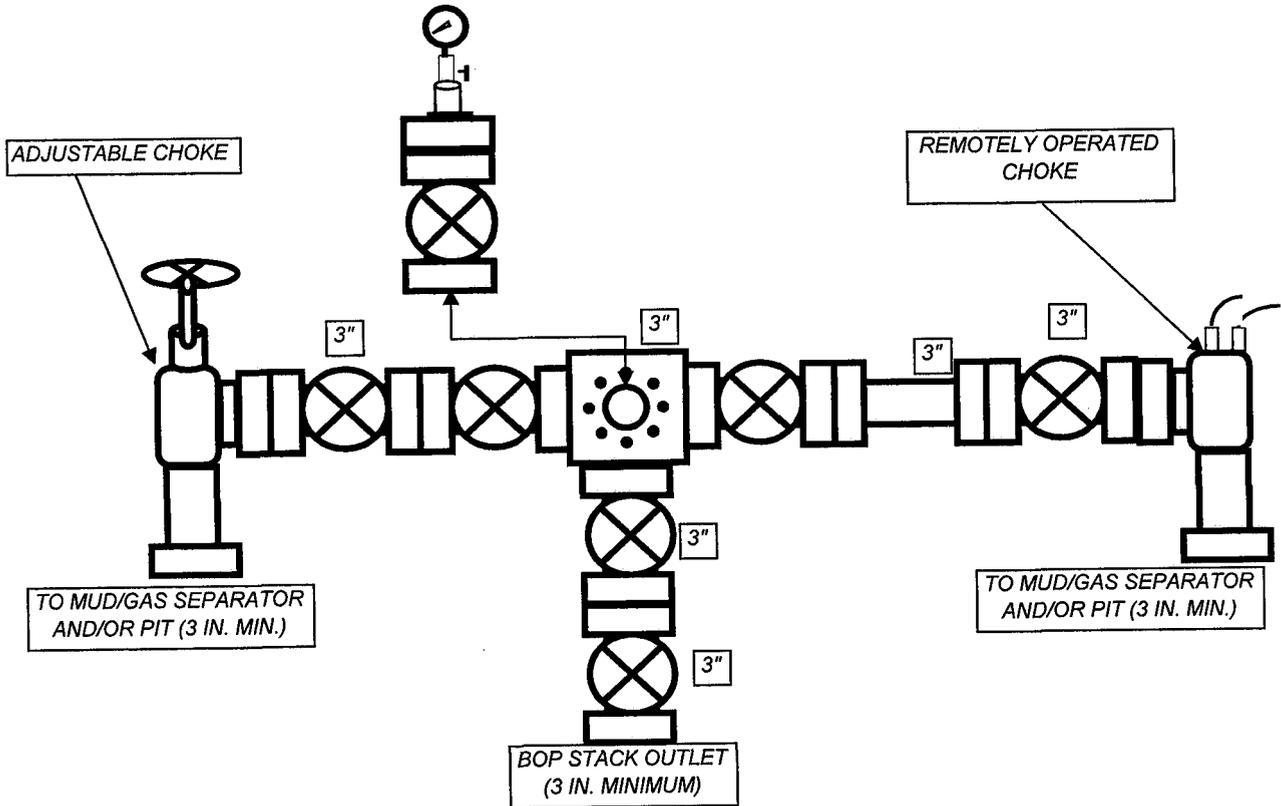
F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER

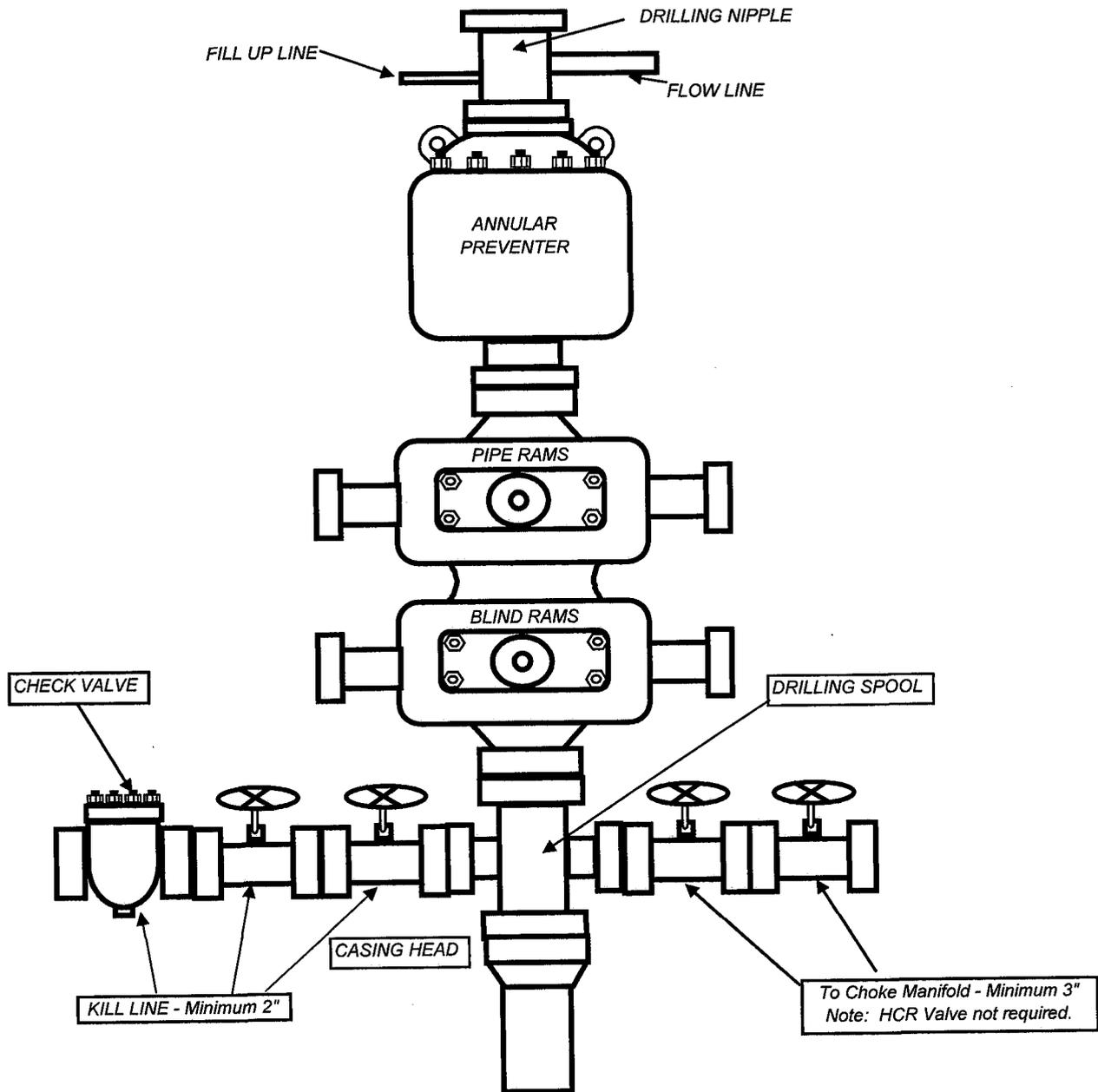


EXHIBIT D

CULTURAL RESOURCE SURVEY OF PROPOSED WELL
PAD LOCATIONS #1-1-16-22 AND #1-6-16-23
AT BILL BARRETT CORPORATION'S CEDAR CAMP,
GRAND COUNTY, UTAH

By:

Doug Drake

CULTURAL RESOURCE SURVEY OF PROPOSED WELL
PAD LOCATIONS #1-1-16-22 AND #1-6-16-23
AT BILL BARRETT CORPORATION'S CEDAR CAMP,
GRAND COUNTY, UTAH

By:

Doug Drake

Prepared For:

State of Utah
School and Institutional
Trust Land Administration

Prepared Under Contract With:

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 04-301

November 10, 2004

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-04-MQ-1368s,p

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) for two proposed well pads at Bill Barrett Corporation Cedar Camp Program in Uintah County, Utah (Figure 1). These well locations are designated #1-1-16-22 and #1-6-16-23. The survey was implemented at the request of Mr. Duane Zavadil, Bill Barrett Corporation, Denver, CO. The legal description is Township 16 South, Range 22 East, Section 1; and Township 16 South, Range 23 East, Section 6.

A 10-acre block oriented around a center stake at each location was inventoried by walking parallel transects spaced no more than 15 meters apart. In addition, two access corridors were inventoried to a width of 100 ft (30 m). This resulted in a total of 24 acres inventoried, of which 23 acres occurs on State Institutional Trust Land Administered land (SITLA), and one acre of which occurs on private land.

No new or previously recorded archaeological sites or isolated archaeological artifacts were encountered during the inventory. Based on the findings, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed from November 5-7, 2004 by Doug Drake and Eli Jones, under the auspices of U.S.D.I. (FLPMA) Permit No. 04-UT-60122, State of Utah Antiquities Permit (Survey) No. U-04-MQ-1368s,p issued to MOAC, Moab, Utah.

A file search for previous cultural resource inventories and archaeological sites was performed by Marty Thomas of SHPO on May 24, 2004 at the Utah State Division of History, Salt Lake City. This consultation indicated that several archaeological projects have been completed in the area.

The Bureau of Land Management recorded archaeological sites in the area in 1967 and 1976. Reports were not found, but site forms were filed for sites 42Un482 (Civish 1967) and 42Un444 (Fike 1976).

In 1979, the Division of Conservation Archaeology surveyed a gas pipeline in northwestern Colorado and east-central Utah and documented two sites: 5GF465 and 42Gr876 (Powers and Haecker 1979). In 1980, Western Cultural Resource Management,

Inc. surveyed pipeline right-of-ways in the Main Canyon district and found 11 new cultural sites: 42Un899 through 42Un909 (Hibbets and Wharton 1980). The report is missing from the SHPO files, and no information is available pertaining to these sites.

In 1981, Powers Elevation surveyed the Beartooth Federal #31-10 well location, but found no cultural resources (Frampton and Tate 1981). That same year, Nickens and Associates surveyed numerous well locations, again finding no cultural resources (Nickens 1981a, 1981b, 1981c). Also that year, Gordon & Kranzush inventoried a well location for Coseka Resources and documented three prehistoric lithic scatters (42Un989, 42Un990, and 42Un991) (Knox and Kranzush 1981). Archeological-Environmental Research Corporation (AERC) that same year evaluated proposed well locations in the Bottom Canyon-Winter Ridge area, but found no cultural resources (Hauck 1981).

Grand River Consultants surveyed a pipeline in Whetrock Canyon in 1982 and documented site 42Un1241 (Babcock 1982). Metcalf-Zier Archaeologists, Inc. inventoried two drill holes in 1983 and found no cultural resources (Hummer-Peebles and Zier 1983). They returned to the area in 1984 to inventory 39 drill locations, again finding no cultural resources (Metcalf 1984). Also in 1984, Grand River Institute inventoried two well locations and found no cultural resources (Conner and Wheeler 1984).

In 1984, Utah Division of State History conducted surveys of the Salley's Hollow in the LaSal Mountains and at Willow Flats in the Bookcliffs, finding one prehistoric lithic scatter (42Gr1923) at the Salley's Hollow locality (Lindsay 1984). Two years later, the Division returned to the area to survey the Willow Flats Timber Sale No. 2 locality, finding no cultural resources (Lindsay 1986).

During the years 1989 to 1991, AERC investigated the Seep Ridge-Bookcliffs-Red Wash-Hay Canyon-Whetrock Canyon-Interstate 70 Exit 220 Alternate Highway Routes (Hauck 1992). The cultural resource investigation relocated 34 previously recorded sites (42Gr331, 42Gr580, 42Gr850, 42Gr851, 42Gr935, 42Gr990, 42Gr991, 42Gr1033, 42Gr1598, 42Gr1681, 42Gr1729-1731, 42Gr1957, 42Gr1958, 42Gr2283, 42Un336/465, 42Un337, 42Un338, 42Un901, 42Un902, 42Un906-908, 42Un1075, 42Un1076, 42Un1077, 42Un1108, 42Un1109, 42Un1110, 42Un1164, 42Un1207, and 42Un1241) and documented 43 new sites (42Gr2293-2305, 42Gr2308, 42Gr2423-2429, 42Un1777-1786, 42Un1788-1794, and 42Un1885-1889). Site types include rock art panels, campsites, rock shelter occupations, lithic scatters, and combination rock art-rock art shelter sites.

Metcalf Archaeological Consultants (MAC) inventoried proposed pipeline routes in 1994, but found no cultural resources (Metcalf and Pool 1994). SITLA personnel inventoried the Cedar Camp Timber Sale in 1996, finding no cultural resources (Springer and Wintch 1996). LaPlata Archaeological Consultants surveyed the Celsius Energy pipeline in 1998, finding no cultural resources (Fuller 1998).

In 2002, North Platte Archaeological Services (NPAS) inventoried the Western Geco Horse Point 3D Seismic Grid and relocated three previously recorded rock art sites (42Gr580, 42Gr2423, and 42Gr1241) and documented one new prehistoric/protohistoric

rock art site (42Gr3145) (Frizell et al. 2002). That same year, SITLA personnel surveyed the Meadow Creek Timber Sale, finding no cultural resources (Shaver and Wintch 2002).

In 2003, MAC inventoried the Carbon Energy Wolf Point Compressor Station, finding no cultural resources (Metcalf and Scott 2003). That same year, MAC inventoried the proposed Winter Ridge pipeline, and relocated site 42Gr2425 and documented site 42Un3235 (Lee and O'Brien 2003). Also in 2003, NPAS surveyed the Trace Energy Moon Bend 3-D Seismic Grid, Phase I (Frizell et al. 2003a). During the inventory, two prehistoric sites (42Gr3319 and 42Gr3321), one historic site (42Gr3320) and one multi-component historic ranch/prehistoric petroglyph panel (42Gr3318/42Un3242) were documented. Within the same month, NPAS inventoried Phase 2 of the Trace Energy Moon Bend 3D Seismic Grid, finding one previously recorded site (42Gr3217) and documenting seven new sites (42Gr3322, 42Gr3323, 42Gr3324, 42Gr3325, 42Gr3326, 42Gr3327, and 42Un3243) (Frizell et al. 2003b).

PROJECT AREA

The project is situated on Cedar Camp ridge, near Fence Canyon and Meadow Creek in Grand County, Utah. Proposed well location #1-6-16-23 is located in NE/NE of Township 16 South, Range 23 East, Section 6; and it has an approximately 800 ft long access corridor. Proposed well location #1-1-16-22 is located in the NE/NE of Township 16 South, Range 22 East, Section 1; and it has an approximately 1000 ft long access corridor.

The project area lies within the Bookcliffs-Roan Plateau physiographic unit, characterized by a system of linear cliffs (Stokes 1986:231). Geology of the area is comprised of Tertiary age deposits (65 to 2 million years ago), including the Flagstaff and Green River Formations. The Flagstaff Formation represents deposits from Lake Flagstaff, that disappeared during the middle Eocene. The Green River Formation consists of claystone, sandstone, and carbonate beds deposited during deep water to marginal alluvial conditions, and is known for its oil shale content (Stokes 1986). Elevation ranges from 7200 to 7600 feet a.s.l.

Vegetation communities include Desert Shrub and Low Sagebrush along with a Pinyon/Juniper Woodland. Modern disturbances to the landscape include oil/gas development, roads and livestock grazing.

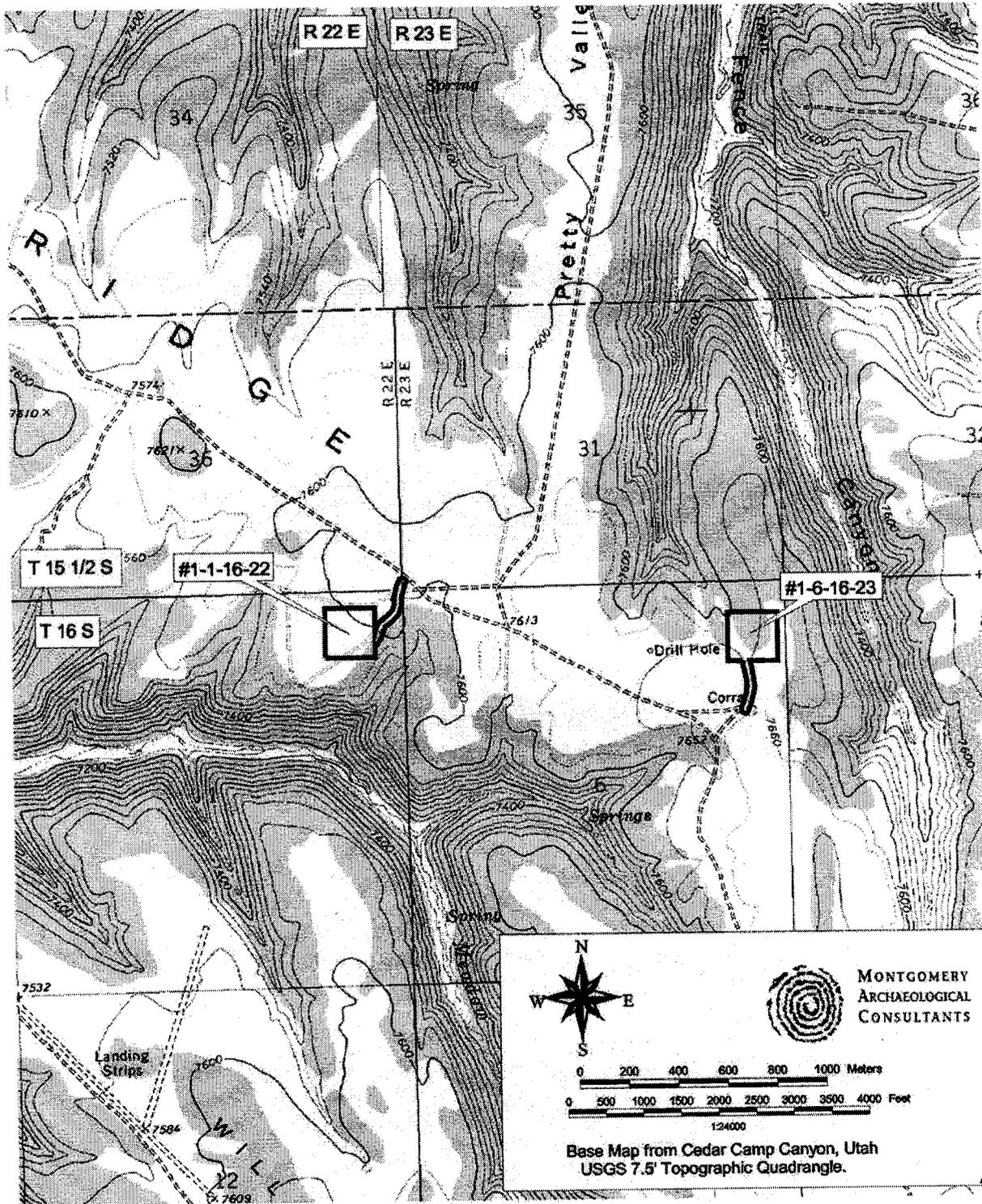


Figure 1. Inventory area of Bill Barrett Corporation's Two Proposed Well Locations, Grand County, Utah. USGS 7.5' Cedar Camp Canyon, UT. Scale: 1:24,000.

SURVEY METHODOLOGY

An intensive pedestrian survey was completed for this project which is considered 100% coverage. The survey was performed by Doug Drake (Project Archaeologist) and Eli Jones. At the proposed well locations, a 10 acre square was oriented on the well pad center stake. The interior of the well location was examined for cultural resources by the archaeologist walking parallel transects spaced 20 m apart. In addition, two access corridors were inventoried to a width of 100 ft (30 m). Ground visibility was considered good. In all, 24 acres were inventoried, of which 23 acres occurs on State Institutional Trust Land Administered land (SITLA), and one acre of which occurs on private land.

RESULTS AND RECOMMENDATIONS

The inventory of Bill Barrett Corporation's two proposed well locations #1-1-16-22 and #1-6-16-23 resulted in no cultural materials. On the basis of this finding, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

REFERENCES CITED

- Babcock, Thomas, F.
1982 Archaeological Survey of Northwest Pipeline Corporation's Well Tie to Squire #1 (R/W 81870), Grand and Uintah County, Utah. Project No. U-82-GC-248b. Grand River Consultants, Inc. Grand Junction, CO. On file at the Utah Division of State History.
- Civish, W.T.
1967 Archeological Site Inventory Form for 42Un482. On file at the Utah Division of State History.
- Conner, Carl and Lester Wheeler
1984 Cultural Resource Inventory Report on Proposed Federal Wells #35-6-D (reloc) and #36-5-D in Uintah County, Utah for Beartooth Oil and Gas Company. Grand River Institute, Grand Junction, CO. Project No. U-84-GB-0892b. On file at the Utah Division of State History.
- Fike, Richard E.
1976 Antiquities Site Inventory Form for 42Un4444. On file at the Utah Division of State History.
- Frampton, Fred and Marcia J. Tate
1981 Cultural Resource Management Report, Beartooth Federal #31-10. Powers Elevation-Archaeology Division. Project No. U-81-PA-0624b. On file at the Utah Division of State History.

- Frizell, Jon P., Elizabeth Frizell, Dene Ewan, and Jeffrey Derks
 2002 A Class III Inventory of the WesternGeco Horse Point 3-D Seismic Grid, in Uintah and Grand Counties, Utah. Project No. U-02-NV-0340b,s. North Platte Archaeological Services, Casper Wyoming. NPAS Project 2002-4. On file at the Utah Division of State History.
- Frizell, Jon P., Jeff Derks, Dene Ewan, and Gene Ewan
 2003a Class III Cultural Resource inventory on Phase II of the Trace Energy Services, Ltd. Moon Bend 3D Seismic Grid in Uintah County and Grand County, Utah. North Platte Archaeological Services, Casper Wyoming. NPAS Project 2003-4.
- 2003b Class III Cultural Resource inventory on Phase I of the Trace Energy Services, Ltd. Moon Bend 3D Seismic Grid in Uintah County and Grand County, Utah. North Platte Archaeological Services, Casper Wyoming. NPAS Project 2003-4.
- Fuller, Steven
 1998 Cultural Resource Survey of Celsius Energy's Southeast Flank Surface Pipeline, Uintah and Grand Counties, Utah. Project.No. U-97-LA-0630b,s. LaPlata Archaeological Consultants, Dolores, Colorado. On file at the Utah Division of State History.
- Hauck, F. Richard
 1981 Archeological Evaluations of Proposed Well Locations in the Bottom Canyon-Winter Ridge Locality of Uintah County, Utah. Project No. U-81-AF-0648b. Archeological-Environmental Research Corporation, Bountiful, Utah.
- 1992 Archeological Evaluations in the Northern Colorado Plateau Cultural Area. An Investigation of the Seep Ridge-Book Cliffs-Red Wash-Hay Canyon-Whetrock Canyon & Interstate 70-Exit 220 Alternative Highway Routes in Uintah and Grand Counties, Utah. Archeological-Environmental Research Corporation (AERC). Project Nos. U-89-AF-687b,p,s; U-90-AF-133b,i,s; and U-91-AF-301. On file at the Utah Division of State History.
- Hibbets, Barry and Jeffery Wharton
 1980 Cultural Resource Survey of Pipeline Right-of-Ways in the Main Canyon District of the East Tavaputs. Western Cultural Resource Management, Inc. Project No. U-80-WE-0304b. On file at the Utah Division of State History.
- Hummer-Peebles, Anne and Christian J. Zier
 1983 Cultural Resource Inventory of Two Drill holes for Mobil Mining and Coal Division Utah Tar Sands Project-PR Springs. Project No. U-83-MA-197s. Metcalf-Zier Archaeologists, Inc., Eagle, Colorado. On file at the Utah Division of State History.

Knox, Donna and Kris Kranzush

1981 Inspection for Cultural Resources, Coseka Well #2-18-15-22 and related Access. Project No. U-81-GA-0596b. Gordon & Kranzush. On file at the Utah Division of State History.

Lee, Jennifer Borresen and Patrick O'Brien

2003 Carbon Energy's Proposed Winter Ridge Pipeline: A Class III Cultural Resource Inventory, Uintah and Grand Counties, Utah. Metcalf Archaeological Consultants, Inc., Eagle, Colorado. Project No. U-03-MM-0120b,s. On file at the Utah Division of State History.

Lindsay, LaMar

1984 Archeological Surveys of the East Line of the North Block Fencing, La Sal Mountains and the Willow Flat Timber Sale in the Book Cliffs for the Division of State Lands, Moab. Project No. U-84-19-1s. On file at the Division of State History.

1986 An Archeological Survey fo the Willow Flats Timber Sale No. 2, Grand County. On file at the Utah Division of State History.

Metcalf, Michael

1984 Cultural Resource Inventory for 39 Proposed Drill Locations at Mobil Oil Corporation's PR Spring Tar Sands Exploration Permit Area in Uintah and Grand Counties, Utah. Project No. U-84-MA-763b,s. Metcalf-Zier Archaeologists, Inc., Eagle, Colorado. On file at the Utah Division of State History.

Metcalf, Michael and Kelly Pool

1994 Beartooth Oil and Gas Duncan Federal #1 to Squire #1. Project No. U-94-MM-654b,p. On file at the Utah Division of State History.

Metcalf, Michael D. And John M. Scott

2003 Carbon Energy Corporation's Proposed Wolf Point (Winter Ridge) Compressor Station: A Class III Cultural Resource Inventory in Uintah County, Utah. Project No. U-03-MM-0747s. On file at the Utah Division of State History.

Nickens, Paul R.

1981a Three Well Locations and Two Access Roads. Project No. U-81-NH-0644b. On file at the Utah Division of State History.

1981b Meadow Creek Unit No. 1 and Access. Project U-81-NH-0643. On file at the Utah Division of State History.

1981c One Well Pad on Winter Ridge. Project U-81-NH-0687b.

Powers, Margaret A. And Charles M. Haecker
1979 An Archaeological Survey of Gas Pipelines in Northwestern Colorado and East-Central Utah for Northwest Pipeline Corporation. Project U-79-DB-147b. Division of Conservation Archaeology, Farmington, New Mexico. On file at the Utah Division of State History.

Shaver, Monson and Kenneth Wintch
2002 An Archaeological Inventory of the Meadow Creek Timber Sale. Project No. U-02-UM-0461s. State of Utah, School and Institutional Trust Lands Administration.

Springer, Corinne H. And Kenneth L. Wintch
1996 An Archaeological Inventory of the Cedar Camp Timber Sale, Grand County, Utah. Project No. U-96-UM-0518s. State of Utah, School and Institutional Trust Lands Administration.

Stokes, William L.
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

BILL BARRETT CORPORATION

CEDAR CAMP #1-1-16-22

LOCATED IN GRAND COUNTY, UTAH
SECTION 1, T16S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

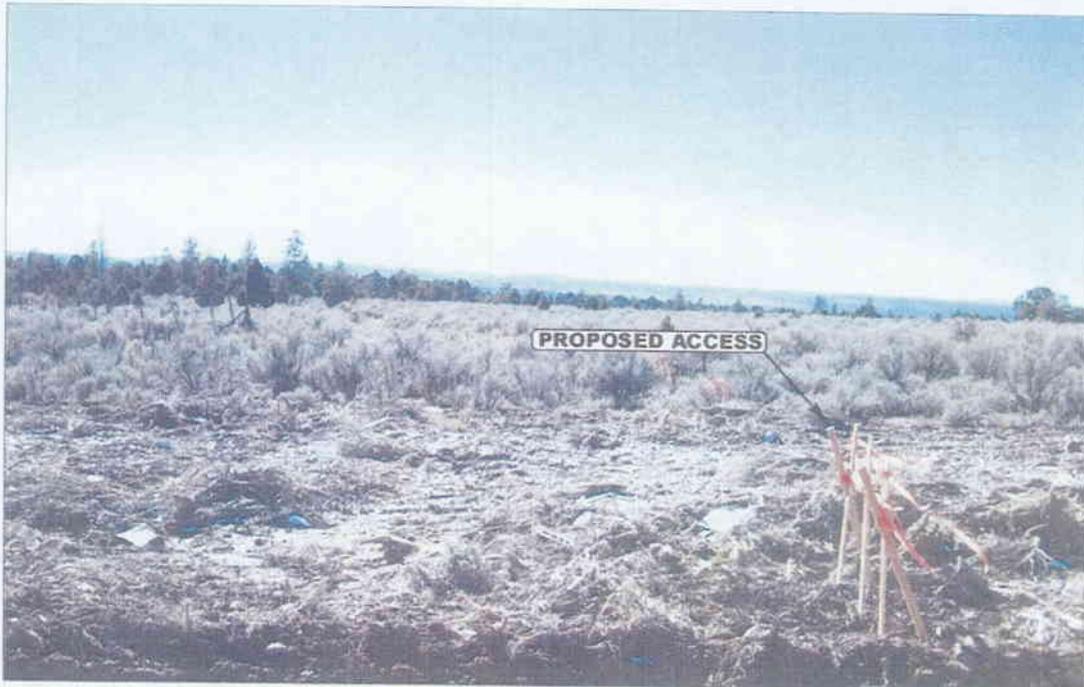


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



Since 1964

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

11 8 04
MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

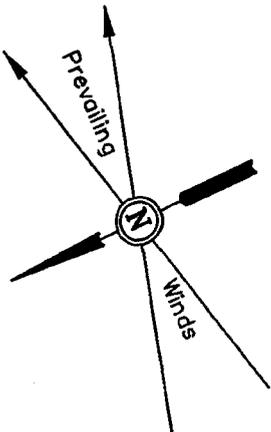
DRAWN BY: J.L.G.

REVISED: 00-00-00

BILL BARRETT CORPORATION

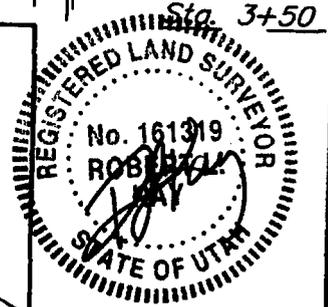
LOCATION LAYOUT FOR

CEDAR CAMP #1-1-16-22
SECTION 1, T16S, R22E, S.L.B.&M.
550' FNL 750' FEL



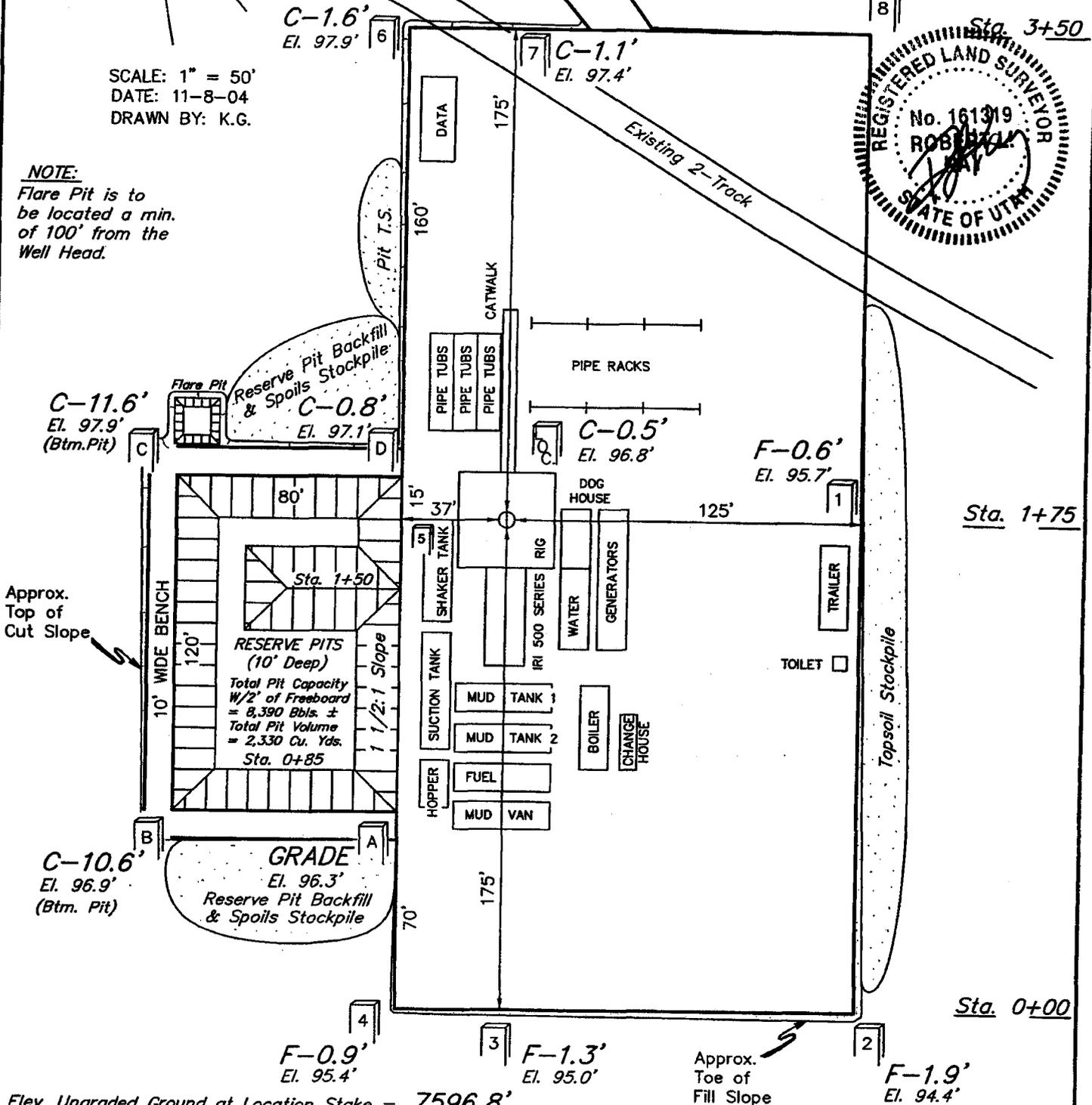
SCALE: 1" = 50'
DATE: 11-8-04
DRAWN BY: K.G.

GRADE
El. 96.3'



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope



Elev. Ungraded Ground at Location Stake = 7596.8'
Elev. Graded Ground at Location Stake = 7596.3'

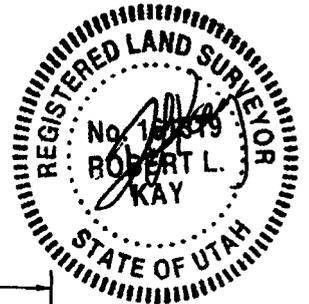
Approx. Toe of Fill Slope

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BILL BARRETT CORPORATION

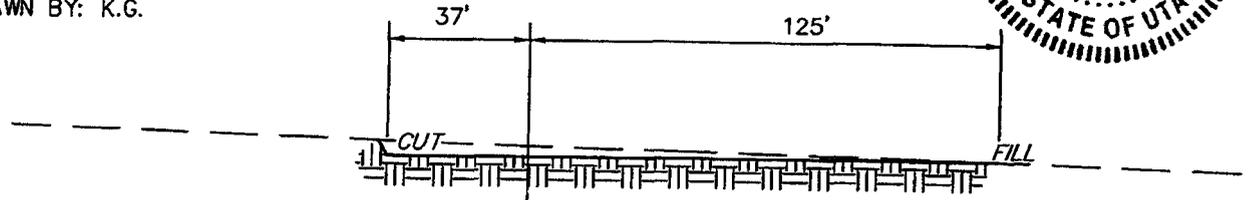
TYPICAL CROSS SECTIONS FOR

CEDAR CAMP #1-1-16-22
SECTION 1, T16S, R22E, S.L.B.&M.
550' FNL 750' FEL

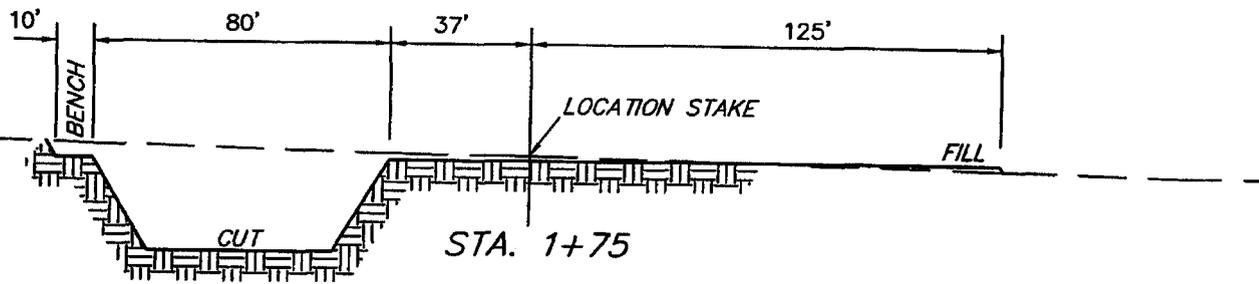


1" = 20'
X-Section Scale
1" = 50'

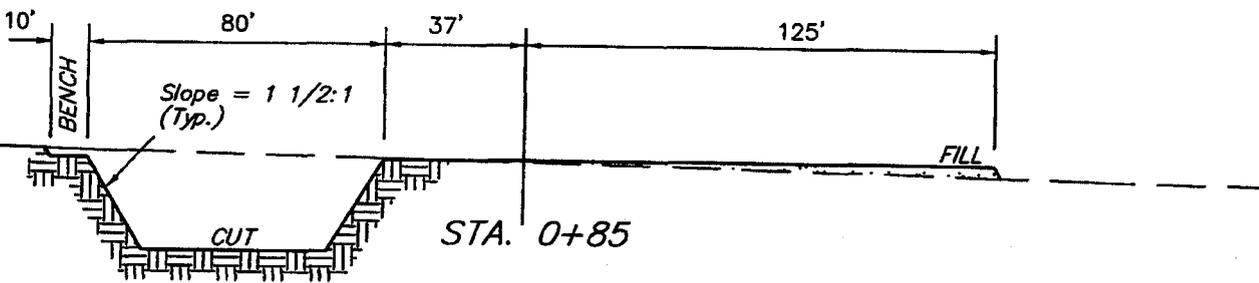
DATE: 11-8-04
DRAWN BY: K.G.



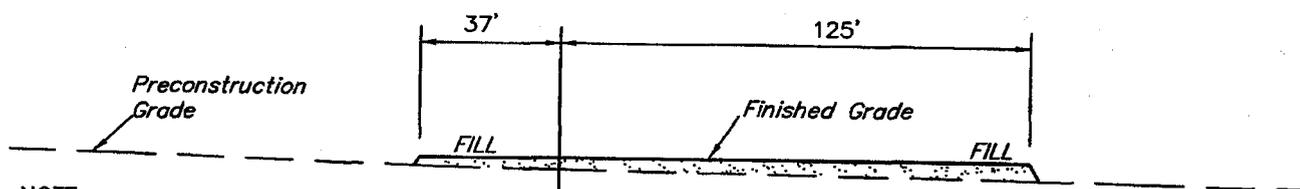
STA. 3+50



STA. 1+75



STA. 0+85



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,350 Cu. Yds.
Remaining Location	= 2,630 Cu. Yds.
TOTAL CUT	= 3,980 CU.YDS.
FILL	= 1,460 CU.YDS.

EXCESS MATERIAL	= 2,520 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,520 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



**PROPOSED LOCATION:
CEDAR CAMP #1-1-16-22**

**T15 1/2S
T16S**

**R
22
E** **R
23
E**

SEE TOPO "B"

LEGEND:

 **PROPOSED LOCATION**



BILL BARRETT CORPORATION

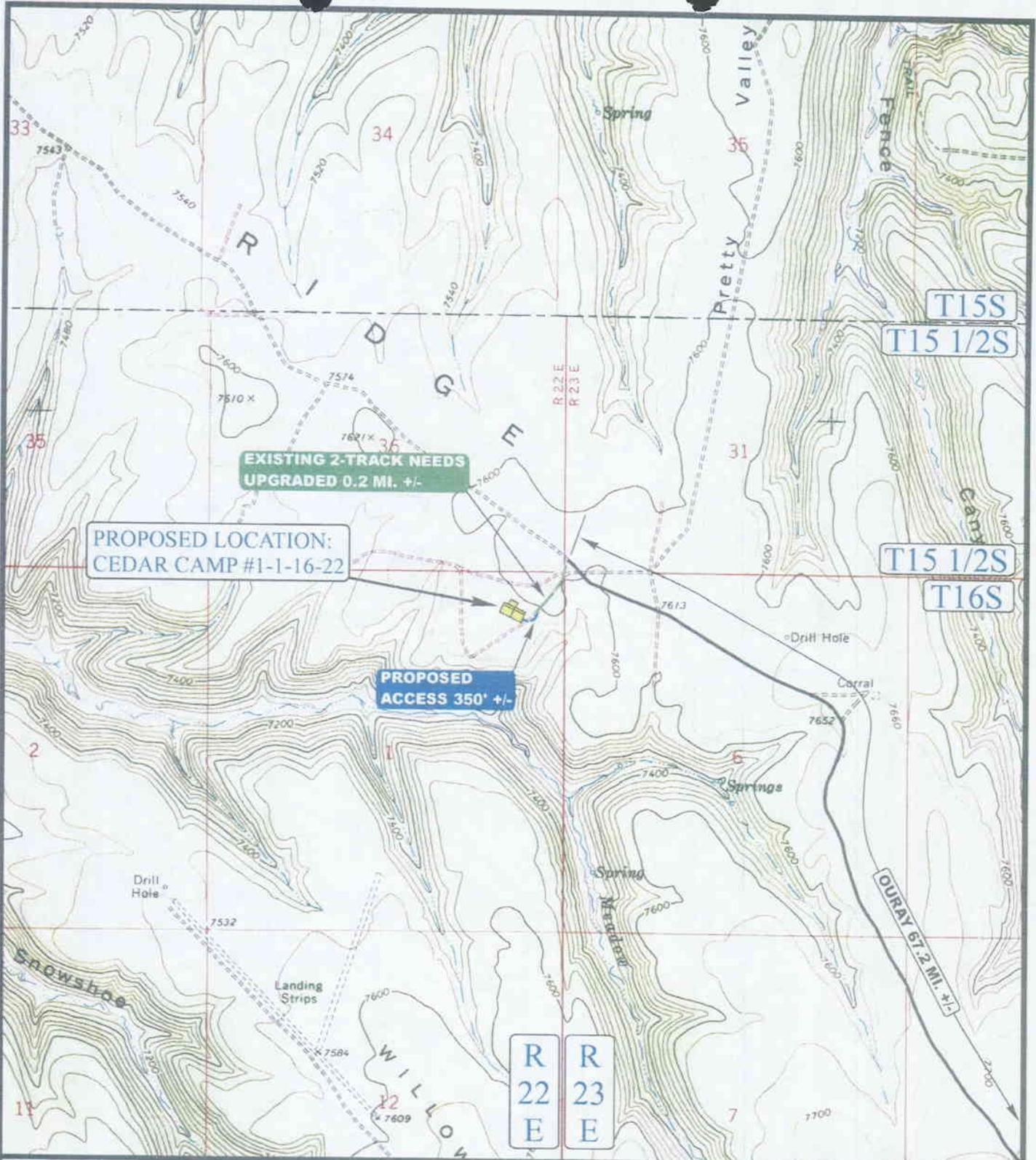
**CEDAR CAMP #1-1-16-22
SECTION 1, T16S, R22E, S.L.B.&M.
550' F&L 750' FEL**

UELS
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP
 SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00

11	08	04
MONTH	DAY	YEAR

A
TOPO



**EXISTING 2-TRACK NEEDS
UPGRADED 0.2 MI. +/-**

**PROPOSED LOCATION:
CEDAR CAMP #1-1-16-22**

**PROPOSED
ACCESS 350' +/-**

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD

BILL BARRETT CORPORATION

**CEDAR CAMP #1-1-16-22
SECTION 1, T16S, R22E, S.L.B.&M.
550' FNL 750' FEL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

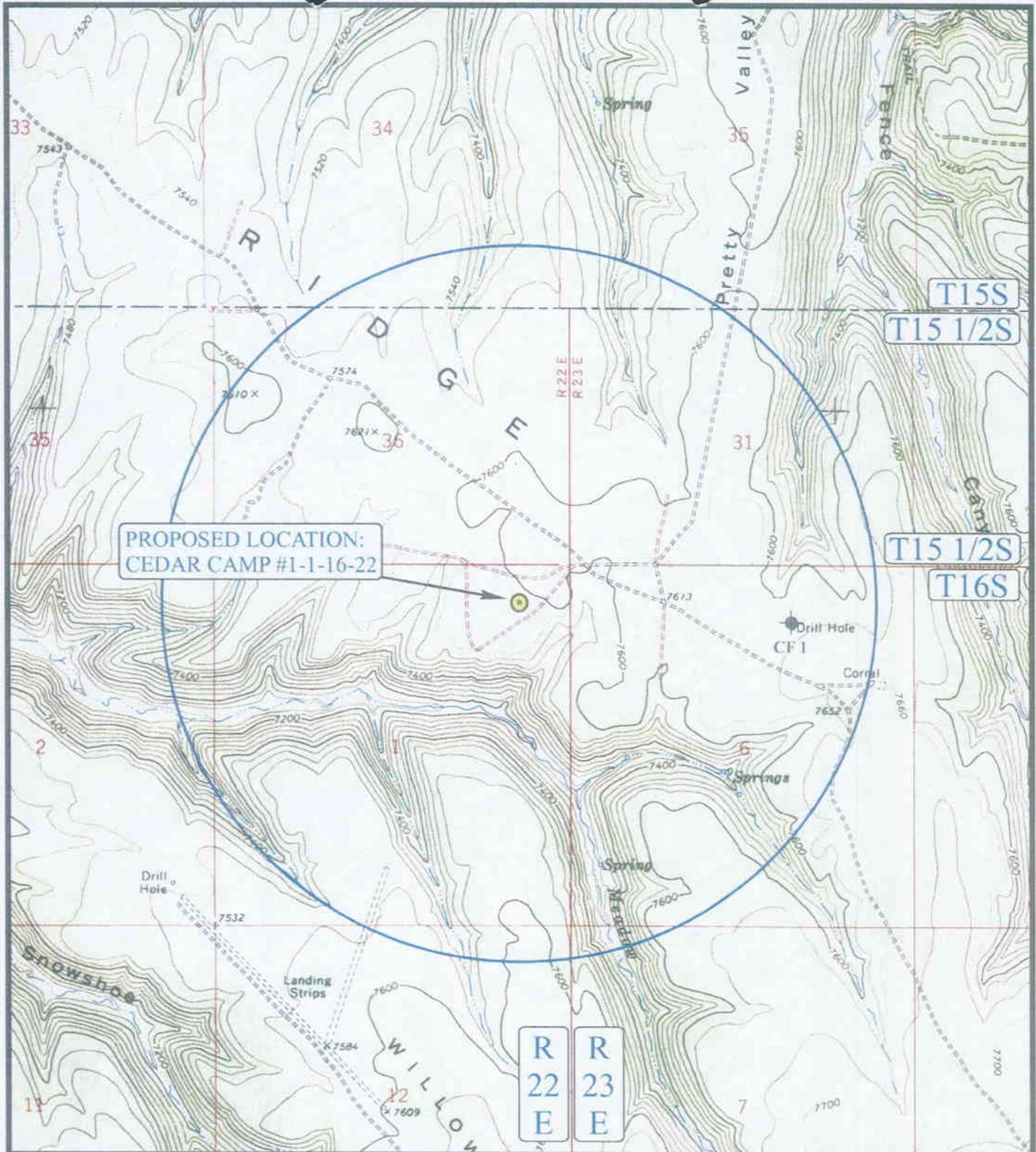


**TOPOGRAPHIC
MAP**

11	8	04
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





PROPOSED LOCATION:
CEDAR CAMP #1-1-16-22

T15S
T15 1/2S

T15 1/2S
T16S

R 22 E
R 23 E

LEGEND:

- ∅ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊕ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

BILL BARRETT CORPORATION

CEDAR CAMP #1-1-16-22
SECTION 1, T16S, R22E, S.L.B.&M.
550' FNL 750' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

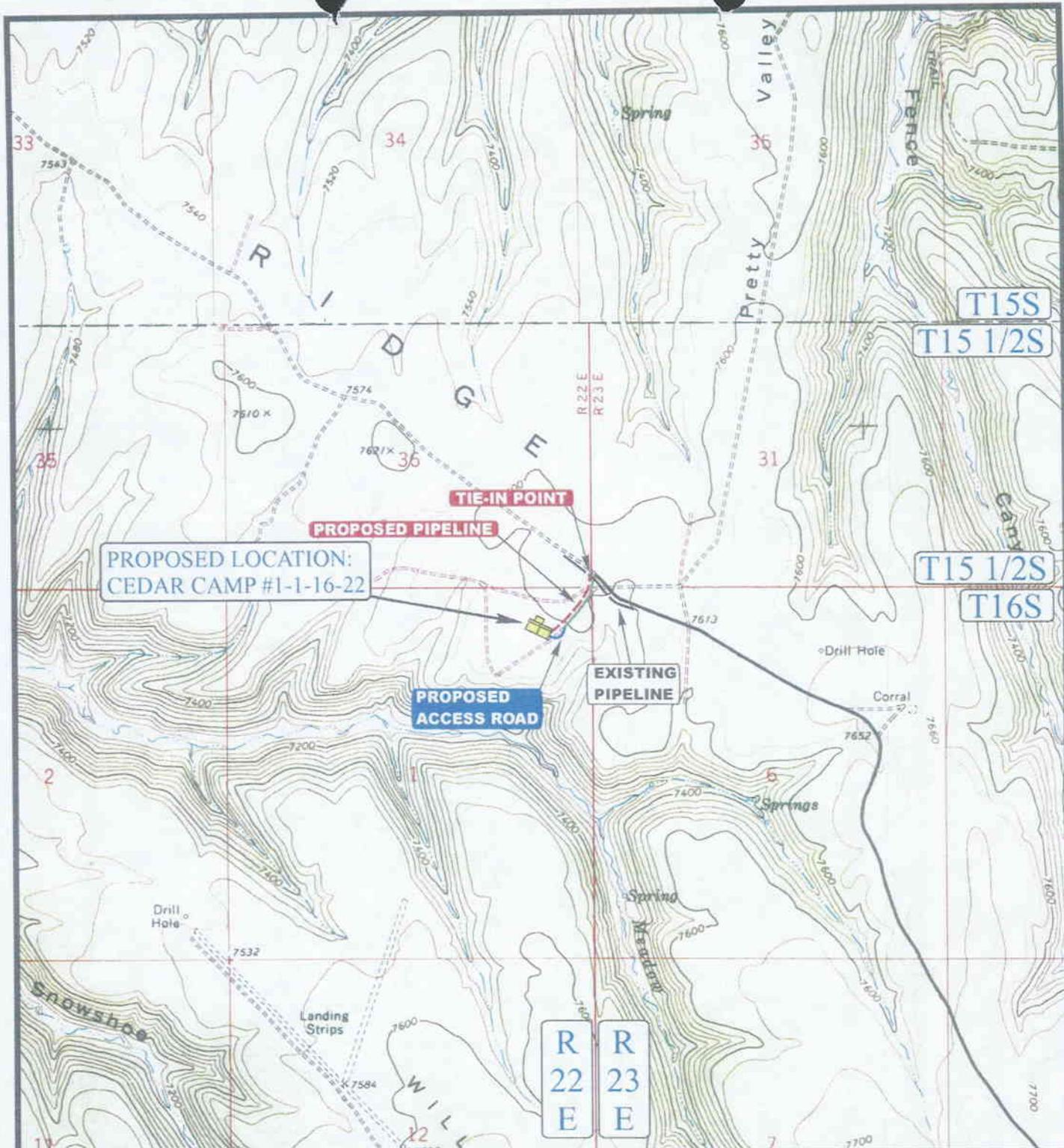


**TOPOGRAPHIC
MAP**

11 8 04
MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



APPROXIMATE TOTAL PIPELINE DISTANCE = 1100' +/-

LEGEND:

- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- PROPOSED ACCESS

BILL BARRETT CORPORATION

CEDAR CAMP #1-1-16-22
SECTION 1, T16S, R22E, S.L.B.&M.
550' FNL 750' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

11 12 04
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



From: "Tracey L. Fallang" <tfallang@billbarrettcorp.com>
To: <dianawhitney@utah.gov>
Date: 1/21/2005 9:27:49 AM
Subject: Water Supply for Cedar Camp Permits

Diana, we'll be using the following source for water supply on the Cedar Camp #1-1-16-22 & #1-6-16-23 permits. Thank you.

5. Location and Type of Water Supply:

A. Bill Barrett Corporation will haul water for the well by truck from a local surface owner in Main Canyon. Mr. and Mrs. Burt DeLambert have been granted water use via State of Utah Application Number 49-1223 (T16714).

Tracey Fallang
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202
Phone: 303-312-8168
Fax: 303-291-0420
tfallang@billbarrettcorp.com

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

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

MARY ANN WRIGHT
Acting Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 24, 2005

Bill Barrett Corporation
1099 18th St., Suite 2300
Denver, CO 80202

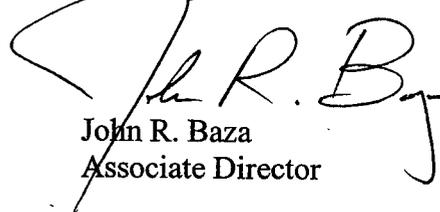
Re: Cedar Camp 1-1-16-22 Well, 550' FNL, 750' FEL, NE NE, Sec. 1,
T. 16 South, R. 22 East, Grand County, Utah

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 43-019-31415.

Sincerely,



John R. Baza
Associate Director

pab
Enclosures

cc: Grand County Assessor
SITLA

Operator: Bill Barrett Corporation
Well Name & Number Cedar Camp 1-1-16-22
API Number: 43-019-31415
Lease: ML-46111

Location: NE NE **Sec.** 1 **T.** 16 South **R.** 22 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

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

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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.

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

FORM 6

005

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165
 Address: 1099 18th Street, Suite 2300
 city Denver
 state CO zip 80202 Phone Number: (303) 312-8168

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931415	Cedar Camp #1-1-16-22		NENE	1	16S	22E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14560	2/4/2005		2/15/05		
Comments: <u>WINGT</u>							CONFIDENTIAL

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)

RECEIVED
FEB 10 2005
DIV. OF OIL, GAS & MINING

Tracey Fallang
 Name (Please Print)
Tracey Fallang
 Signature
 Permit Analyst
 Title

2/8/2005
 Date

006

MAR 02 2005

ENTITY ACTION FORM DIV. OF OIL, GAS & MINING

Operator: Bill Barrett Corporation Operator Account Number: N 2165
 Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202 Phone Number: (303) 312-8168

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931415	Cedar Camp #1-1-16-22		NENE	1	16S	22E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
	14560	14560	2/28/2005			2/15/05	
Comments: Please note that a previous entity action form was submitted on 2/8 for this well in error. The correct spud date is 2/28/05. <i>WINGT - already assigned ER</i>							

CONFIDENTIAL

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)

Tracey Fallang

Name (Please Print)

Tracey Fallang

Signature

Permit Analyst

2/28/2005

Title

Date

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

FORM 9

007

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:
ML46111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Cedar Camp #1-1-16-22

9. API NUMBER:
4301931415

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp/Wingate

1. TYPE OF WELL: OIL WELL GAS WELL OTHER CONFIDENTIAL

2. NAME OF OPERATOR:
BILL BARRETT CORPORATION

3. ADDRESS OF OPERATOR: 1099 18TH St. Ste2300 Denver CO 80202
PHONE NUMBER: (303) 312-8168

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL
COUNTY: Carbon
CTR./QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E
STATE: UTAH

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>3/25/2005</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 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.

BBC WOULD LIKE TO SUBMIT THE REVISED CEMENTING PROGRAM AS NOTED BELOW. BBC HAS CHOSEN A LIGHTER WEIGHT SLURRY BASED ON THE PRELIMINARY RESULTS OF THE CEMENTING ON THE CEDAR CAMP #1-6 WELL.

9 5/8" Surface Casing (no change): Approximately 500 sx Premium Plus Type III cement with additives mixed at 14.5 ppg (yield = 1.42 ft³/sx) circulated to surface with 100% excess

5 1/2" Production Casing: Approximately 720 sx Tuned Light Blend G cement with additives mixed at 10.0 ppg (yield = 2.54 ft³/sx). Actual cement volumes will be based on the open-hole caliper logs + 10% excess. Top of cement will be 3500' OR 100' above the moderately saline water base.

RECEIVED

MAR 11 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Tracey Fallang TITLE Permit Analyst

SIGNATURE Tracey Fallang DATE 3/11/2005

(This space for State use only)

COPY SENT TO OPERATOR
Date: 3-11-05
Initials: CHD

(5/2000)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3/11/05
BY: [Signature]

(See Instructions on Reverse Side)

**Job Recommendation 5-1/2" Production Casing - 10 ppg Tuned
Light Cement
Slurry**

Fluid Instructions

Fluid 1: Water Spacer
Fresh Water

Fluid Density: 8.40 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer
SUPER FLUSH 100

Fluid Density: 9.20 lbm/gal
Fluid Volume: 30 bbl

Fluid 3: Water Spacer
Fresh Water

Fluid Density: 8.40 lbm/gal
Fluid Volume: 10 bbl

Fluid 4: Primary Cement
Tuned Light Blend G

- 0.3 % CFR-3 (Dispersant)
- 0.3 % Halad(R)-344 (Low Fluid Loss Control)
- 0.3 % Versaset (Thixotropic Additive)
- 0.3 % D-AIR 3000 (Defoamer)
- 0.6 % HR-5 (Retarder)

Fluid Weight 10 lbm/gal
Slurry Yield: 2.54 ft³/sk
Total Mixing Fluid: 10.58 Gal/sk
Top of Fluid: 3500 ft
Calculated Fill: 7500 ft
Volume: 324.94 bbl
Calculated Sacks: 718.27 sks
Proposed Sacks: 720 sks

Fluid 5: Water Spacer
Displacement

Fluid Density: 8.40 lbm/gal
Fluid Volume: 254.79 bbl

**Note: Top of Primary Cement will be 3,500 ft or 100 ft above the
Moderately Saline Water Base.**

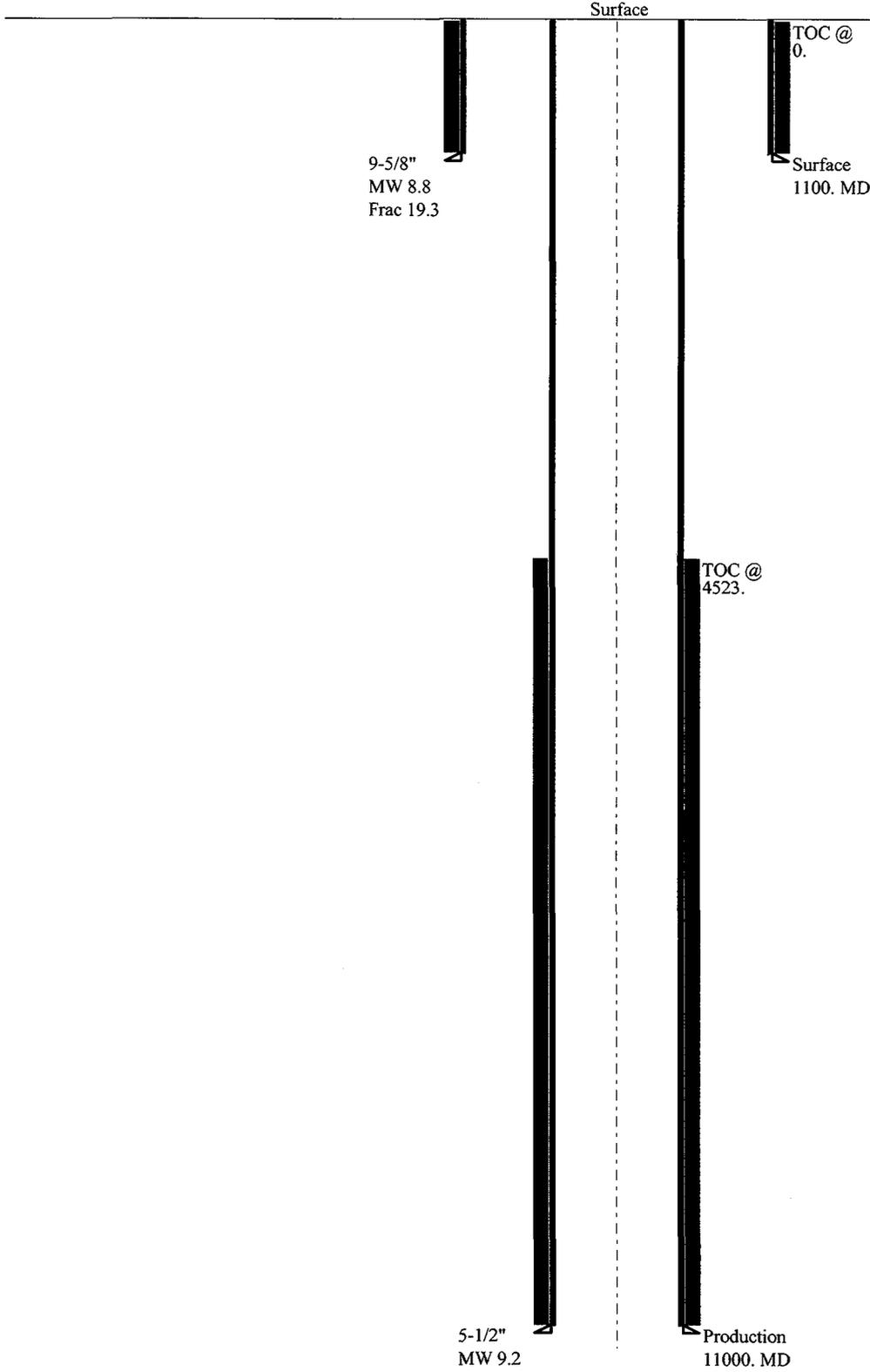
RECEIVED

MAR 11 2005

DIV. OF OIL, GAS & MINING

05 Bill Barrett Cedar Camp 1-16-22
Casing Schematic

Revised Sunday 3/11/2005



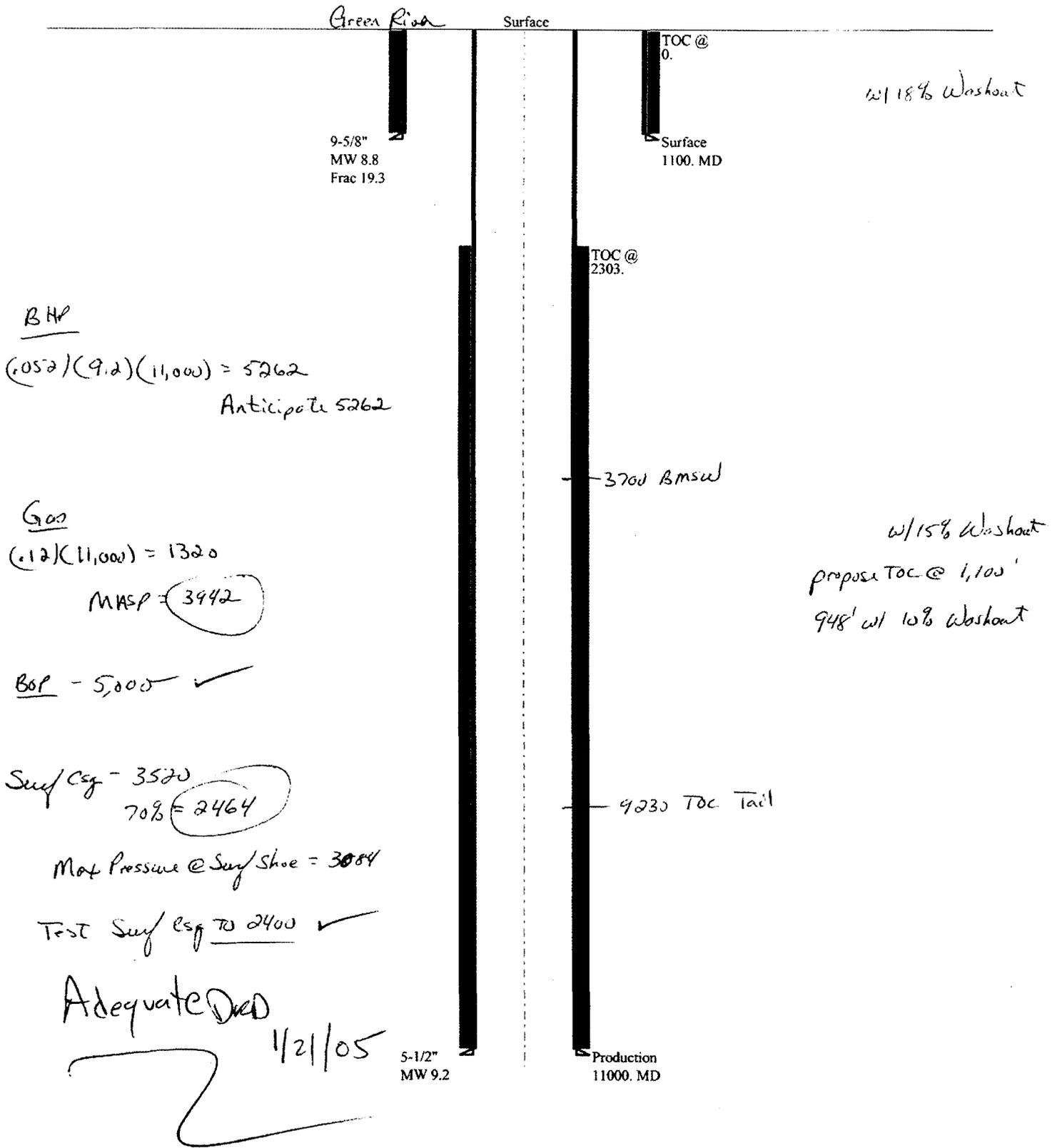
CONFIDENTIAL

TOC 3514' w/10% Washout

*w/15% Washout
720 SKS (2.54)*

1-05 Bill Barrett Cedar Camp 1-16-22
Casing Schematic

CONFIDENTIAL



011

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

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML46111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Cedar Camp #1-1-16-22

2. NAME OF OPERATOR:
BILL BARRETT CORPORATION

9. API NUMBER:
4301931415

3. ADDRESS OF OPERATOR:
1099 18TH St. Ste230C CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 312-8168

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp/Wingate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 6 16S 22E

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: _____	<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>Weekly Activity Reports</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.

WEEKLY DRILLING ACTIVITY REPORT FROM 03/04/05-03/13/05.

NAME (PLEASE PRINT) Tracey Fallang

TITLE Permit Analyst

SIGNATURE

Tracey Fallang

DATE 3/14/2005

(This space for State use only)

RECEIVED

MAR 16 2005

DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 1
Morning Operations : RUNNING 9.625 CASING

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/13/2005
Report # : 10
Depth At 06:00 : 1107
Estimated Total Depth : 10400

Time To	Description
7:00:00 AM	DRILLING 12.25 HOLE TO 86
7:30:00 AM	RIG SERVICE
2:00:00 PM	DRIL 86' TO 357'
2:30:00 PM	SURVEY @307' = 1*
9:00:00 PM	DRILL 357' TO 809'
9:30:00 PM	SURVEY 743' = .5*
1:00:00 AM	DRILL 809' TO 1107
1:30:00 AM	CIRC & CONDITION HOLE
3:00:00 AM	POOH ,LAYDOWN 8" DC &MTR
6:00:00 AM	RIG UP CASERS ,RUN CASING

Remarks :
RIG 136 HAS 1132 DAYS NO LTA
SAFETY MEETING =MAKING CONNECTIONS
DAILY WATER=1200
TOTAL WATER=7200 BBLS
DAILY MTR HRS=17.5
TOTAL MTR HRS=18
TUBULARS ON LOCATION
1-8 MTR,7-8"DC,20-6.25DC,2-6.25"MTRS,
356 JTS 4.5 DP,2-9.625 CSG,15-5.5" CSG
SHOE DEPTH=1097'
FLOAT COLLAR=1054'

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 0
Morning Operations : SPUD 12.25 SURFACE

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/12/2005
Report # : 9
Depth At 06:00 : 60
Estimated Total Depth : 10400

Time To	Description
4:00:00 AM	RIG UP
5:30:00 AM	STRAP BHA,PRE SPUD INSPECTION,PICK UP BIT #1 & 8" MUD MTR
6:00:00 AM	DRILL 40 TO 60'

Remarks :
RIG 136 HAS 1131 DAYS NO LTA
SAFETY MEETING=PICKING UP DRIL COLLARS
DAILY WATER=1200
TOTAL WATER=1480 BBLS
RIG UP TILL 4AM THIS MORNING
STRAP DC ,SAFETY INSPECTION,
MAKE UP BIT #1 TEST PUMPS
FINALLY ON DRILL MODE AT 530 AM
START DAYWORK RATE 0400 (3/12/05)
KENNY MORRIS

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 0
Morning Operations : rigging up

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/11/2005
Report # : 8
Depth At 06:00 : 0
Estimated Total Depth : 10400

Time To	Description
6:00:00 AM	rig -up, trucks left noon thursday

Remarks :
RIG 136 HAS 1130 DAYS NO LTA
SAFETY MEETING=RAISING DERRICK
L &S TRUCKING GONE FROM LOCATION @12:00
STRING UP BLOCKS,RIGUP ALL DAY
WILL BREAK TOUR THIS MORNING ...
DERRICK IN AIR AT 18:00 HRS THURSDAY
2 CREWS WORKED 12 HRS
TRUCKS WORKED 4 HRS
WILL HAVE TOTALS NEXT REPORT

TALK TO BART KETTLE(UTAH OIL&GAS)
WOULD LIKE TO SEE CASING RUN
WILL CALL HIM @ SURFACE TD
KENNY MORRIS

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/10/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 7
Spud Date : 3/12/2005 Days From Spud : 0 Depth At 06:00 : 0
Morning Operations : RIGGING UP ON CEDAR CAMP 1-1 16-22 Estimated Total Depth : 10400

Time To Description
6:00:00 AM 6-TRUCKS WORKED 7AM TO 7PM,WITH CRANE,2 CREWS WITH 12 HR DAY

Remarks :
RIG 136 HAS 1129 DAYS NO LTA
SAFETY MEETING=TAG LINE USE
TRUCKS WORKED TILL 1900 HRS
CRANE WORK DONE, CRANE LEFT LOCATION @ 18:30 HRS(3-9-05)
HAVE A FEW HOURS LEFT TILL TRUCKS ARE GONE THIS MORNING
STILL ALOT OF RIG UP FOR RIG CREWS
CASING DELIVERY FROM BUNNING IN GRND JUCT ETA ABOUT 800 AM.
ROADS ON TOP IN GOOD SHAPE CONSIDERING
SEEP RIDGE ROAD HAS DEEP RUTS & MUD HOLES..
WILL START HAULING MORE WATER AT NOON
SHOULD BREAK TOUR FRIDAY MORNING IF ALL GOES WELL....
KENNY MORRIS.

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/9/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 6
Spud Date : 3/12/2005 Days From Spud : 0 Depth At 06:00 : 0
Morning Operations : RIGGING UP ON CEDAR CAMP 1-1-16-22 Estimated Total Depth : 10400

Time To Description
6:00:00 AM TRUCKING RIG,HAVE SUB ON NEW LOC, DERRICK TO BE MOVED WED, ETA F/TRUCK RELEASE THURS NOON...KM

Remarks :
RIG 136 HAS BEEN 1128 DAYS NO LTA
SAFETY MEETING=PROPER PPE
CRAIN & TRUCKS ON LOCATION AND GOING 0700 AM 3-8-05 TILL,,18:00

CONTACTED CAROL DANIELS (UTAH OIL & GAS) 801-538-5284,WITH SPUD NOTICE 12:50PM
NO ANSWER,SO LEFT DETAILED MESSAGE

CONTACTED BART KETTLE (UTAH OIL & GAS) 435-820-0862,WITH SPUD NOTICE 12:55 PM
NO ANSWER,LEFT MESSAGE

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/8/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 5
Spud Date : 3/12/2005 Days From Spud : 0 Depth At 06:00 : 0
Morning Operations : truck rig Estimated Total Depth : 10400

Time To Description
6:00:00 AM trucking rig since 11:00 am monday

Remarks :
rig 136 has 1127 days no lta
safety meeting held truck bridel lines
5 trucks showed up from I & s trucking @ 11am monday
crane showed up at 6pm monday
had most of back yard set out monday by dark

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/7/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 4
Spud Date : 3/12/2005 Days From Spud : 0 Depth At 06:00 : 0
Morning Operations : rig down wait on trucks Estimated Total Depth : 10400

Time To Description
6:00:00 AM expect trucks monday morning

Remarks :
rig 136 has 1126 days no lta
safety meeting held on overhead loads

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/6/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 3
Spud Date : 3/12/2005 Days From Spud : 0 Depth At 06:00 : 0
Morning Operations : Rig down and wait on trucks. Estimated Total Depth : 10400

Remarks :
Patterson #136 operated 1125 days without a LTA.
Safety meetings held on- rigging down

Time To	Description
6:00:00 AM	Rig down and wait on trucks. Crane was delayed until tuesday so trucks will be on location on Monday to start rigging down.

Hauledbbls H2O to location. Total bbls

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/5/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 2
Spud Date : 3/12/2005 Days From Spud : 0 Depth At 06:00 : 0
Morning Operations : Rig down and wait on trucks. Estimated Total Depth : 10400

Remarks :
Patterson #136 operated 1124 days without a LTA.
Safety meetings held on- rigging down

Time To	Description
6:00:00 AM	Rig down and wait on trucks. Trucks will arrive this AM and crane on Monday morning.

Hauledbbls H2O to location. Total bbls

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/4/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 1
Spud Date : 3/12/2005 Days From Spud : 0 Depth At 06:00 : 0
Morning Operations : Rig down and wait on trucks. Estimated Total Depth : 10400

Remarks :
Patterson #136 operated 1123 days without a LTA.
Safety meetings held on- rigging down

Time To	Description
6:00:00 AM	Rig down and wait on trucks

Hauledbbls H2O to location. Total bbls

008

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

BBC
CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML46111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Cedar Camp #1-1-16-22

2. NAME OF OPERATOR:
BILL BARRETT CORPORATION

CONFIDENTIAL

9. API NUMBER:
4301931415

3. ADDRESS OF OPERATOR:
1099 18TH St. Ste230C CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 312-8168

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp/Wingate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E

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: _____	<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>Weekly Activity Reports</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.

WEEKLY DRILLING ACTIVITY REPORT FROM 03/14/05-03/20/05.

RECEIVED

MAR 23 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Tracey Fallang

TITLE Permit Analyst

SIGNATURE

Tracey Fallang

DATE 3/21/2005

(This space for State use only)

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22

API # : 43-019-31415

Operations Date : 3/14/2005

Surface Location : NENE-1-16S-22 E 30th PM

Area : Cedar Camp

Report # : 11

Spud Date : 3/12/2005

Days From Spud : 2

Depth At 06:00 : 1097

Estimated Total Depth : 10400

Morning Operations : TEST BOP

Time To	Description
8:00:00 AM	FINISH CASING RUN @ 0800
8:30:00 AM	RIG UP CEMENTERS
9:00:00 AM	CIRCULATE, SAFETY MEETING W/HALLIBURTON , PSI TEST TO 3000
10:00:00 AM	PUMP 500 SX TYPE 3 CEMENT ,GOOD RETURNS WHOLE JOB, 28 BBLs TO PIT
2:00:00 PM	WAIT ON CEMENT,FLOAT DID NOT HOLD
1:30:00 AM	NIPPLE-UP BOP,AND CHOKE AND LINES
6:00:00 AM	TEST CASING TO 1500,BOP 5000 PSI

CONFIDENTIAL

Remarks :

RIG 136 HAS 1133 DAYS NO LTA
SAFETY MEETING =NIPPLE -UP BOP
DAILY WATER=320 BBLs
TOTAL WATER=9800 BBLs
TUBULARS ON LOCATION
1-8"MTR,7-8" DC,20-6"DC,2-6"MTRS,
356 JTS-DP,2-9.625 CSG,15-5.5 CSG

PUMPED 500 SX TYPE 3 ,3%SALT ,.2%VERSASET
(127 BBLs)=100% EXCESS
DISPLACED PLUG WITH 83 BBLs FRESH WATER
FINAL CIRC PSI=440
BUMP PLUG PSI=950
BUMP PLUG @ 10:00 AM
FLOAT DID NOT HOLD !!!!
PRESSURED UP TO 950 PSI,SHUT IN HEAD
WAITED ON CEMENT 4 HRS,RELEASED PSI
ANNULAS DROP 14 FT.
STARTED NIPPLE UP
CONTACTED BART KETTLE (UTAH OIL & GAS)
NOTIFICATION OF BOP TEST IN PERSON
SAID HE WILL WITNES TEST
left location @ 08:00(3/14/05)

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 4
Morning Operations : TRIP IN HOLE

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/16/2005
Report # : 13
Depth At 06:00 : 4690
Estimated Total Depth : 10400

Time To	Description
8:30:00 AM	DRILL3580' TO 3818
9:00:00 AM	SURVEY @ 3731' =1.5
11:30:00 AM	DRILL 3817' TO 4099'
12:00:00 PM	RIG SERVICE
5:00:00 PM	DRILL 4099' TO 4507
5:30:00 PM	SURVEY
9:00:00 PM	DRILL 4507' TO 4697'
12:00:00 AM	CHECK FLOW,PUMP PILL,POOH W/BIT #2
1:00:00 AM	CHECK MTR, FUNCTION TEST BOP,TIH W/#3
3:30:00 AM	HIT BRIDGE,W & REAM,1400' TO 1810'
4:30:00 AM	TIH ,TO 2750',HIT BRIDGE
5:30:00 AM	WASH & REAM ,F/ 2750' TO 2910'
6:00:00 AM	TIH ,TO 3346'

CONFIDENTIAL

Remarks :
RIG 136 HAS 1135 DAYS NO LTA
SAFET MEETING=TIGHT HOLE
DAILY WATER=1100bbls
TOTAL WATER=11300
DAILY MTR =13.5
TOTAL MTR=30 (1010)
TUBULARS ON LOCATION
1-8"MTR,7-8"DC,20-6.25DC,2-6.25 MTR
356 JTS DP,2-9.625CSG,15-5.5CSG
3% DAPP IN SYSTEM

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 3
Morning Operations : DRILLING

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/15/2005
Report # : 12
Depth At 06:00 : 3580
Estimated Total Depth : 10400

Time To	Description
7:30:00 AM	FINISH BOP TEST
8:00:00 AM	INSTALL WEAR RING
10:00:00 AM	THAW OUT STAND PIPE
11:00:00 AM	TRIP IN HOLE
11:30:00 AM	DRLG CEMENT FLOAT & SHOE
3:00:00 PM	DRILL NEW HOLE 1097' TO 1626
3:30:00 PM	SURVEY 1550' =.50
7:30:00 PM	DRILL 1626' TO 2222'
8:00:00 PM	SURVEY @ 2140' = 1*
10:30:00 PM	DRILL 2222' TO 2719'
11:00:00 PM	SURVEY @ 2640' =1.5*
2:00:00 AM	DRILL 2719' TO 3220'
2:30:00 AM	SURVEY@ 3138'= 1*
6:00:00 AM	DRILL 3220 TO 3580'

Remarks :
RIG 136 HAS 1134 DAYS NO LTA
SAFET MEETING=MAKING CONNECTIONS
DAILY WATER=420
TOTAL WATER=10200
DAILY MTR HRS= 16.5 (1010)
TOTAL MTR=16.5 (1010)
TUBULARS ON LOCATION
1-8'MTR,7-8"DC,,20-6.25 DC,2-6.25MTRS,
356 JTS DP,2-9.625CSG,15-5.5 CSG
STARTED LIGHT MUD UP OUT FROM
UNDER SURFACE WITH DAP ,PACL,GEL
RUNNING ALL SOLIDS CONTROL

REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 6
Morning Operations : DRILLING

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/18/2005
Report # : 15
Depth At 06:00 : 7388
Estimated Total Depth : 10400

Time To	Description
8:00:00 AM	drill to 6133
9:00:00 AM	circ mix lcm ,
12:30:00 PM	drill 6133' to 6447'
1:00:00 PM	lubricate rig
2:00:00 PM	drill 6447' to 6542'
3:00:00 PM	survey @ 6461' =2*
6:00:00 AM	drill 6542' to 7388'

CONFIDENTIAL

Remarks :
RIG 136 HAS 1137 DAYS NO LTA
SAFETY MEETING=BOP PROCEDURES
DAILY WATER=400 BBLS
TOTAL WATER=11700 BBLS
DAILY MTR HR=21.5
TOTAL MTR=69 HRS(1010)
TUBULARS ON LOCATION
1-8MTR,7-8DC,20-6.25DC,2-6.26MTR,
356JTS DP,2-9.625CSG,15-5.5CSG
5% DAPP IN SYSTEM

AT 6100' LOST 500-600 BBLS MUD DOWN HOLE
MIXED ON THE RUN,10-15 % LCM IN TANKS
FOR TOTAL OF 5800 STKS @.083 bbl/stk
NO TO FULL RETURNS BACK IN 70 MIN
MUD WT 8.9 TO 9.0,RUNNING ALL SOLIDS
CONTROL,TO MAINTAIN,FILTRATE AT 9
WELL UNDERBALANCED W/FLOW ON CONN.
BUT SUBSIDING WHEN ANNULAS LOADED
FROM FAST PR RATE,W/ 1500 U GAS BU F/LOSS
LITTLE SIGN OF GAS INTRUSION INTO WELLBORE

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 5
Morning Operations : DRILLING

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/17/2005
Report # : 14
Depth At 06:00 : 5948
Estimated Total Depth : 10400

Time To	Description
10:30:00 AM	reaming 3346 to 4697
11:00:00 AM	rig service
7:00:00 PM	drill f/ 4697' to
7:30:00 PM	work tight hole @ 5220
1:00:00 AM	drill 5229' to 5698'
2:00:00 AM	survey @5616' =2*
6:00:00 AM	drill 5698' to 5948'

Remarks :
RIG 136 HAS 1136 DAYS NO LTA
SAFETY MEETING=WINTER WEATHER
TOTAL WATER=11300 BBLS
DAILY MTR HRS=17.5
TOTAL MTR =47.5
TUBULARS ON LOCATION
1-8MTR,7-8DC,20-6.26DC,2-6.25MTRS,
356 JTSDP,2-9.625CSG,15-5.5CSG
5% DAPP IN SYSTEM

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 8
Morning Operations : CIRCULATE, BUILD VOLUME

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/20/2005

Report # : 17

Depth At 06:00 : 9143

Estimated Total Depth : 10400

Remarks :

RIG 136 HAS 1138 DAYS NO LTA
SAFETY MEETING=MIXING CHEMICALS
DAILY WATER=500 BBLS
TOTAL WATER=12200 BBLS
DAILY MTR HR=12.5
TOTAL MTR= 103 HRS(1010)
TOTAL MTR= (2080)
TUBULARS ON LOCATION
1-8MTR,7-8DC,20-6.25DC,2-6.26MTR,
356JTS DP,2-9.625CSG,15-5.5CSG
5% DAPP IN SYSTEM
SPR#2=55 =700 psi @8700'
try to pooh , well flowing,swabbing off bottom
pooh slow,5 stnds,swabbing no change.
break circ, raise mud wt 9.0 to 9.3+,out of bar
pooh slow,slight flow,swabbing still the same.
continue to circulate @ 7976',while raising lcm
to 8%, but waiting on barite .
app 450 bbl loss while raising mud wt
and establishing circulation

CONFIDENTIAL

Time To	Description
8:00:00 AM	DRILL 8680' TO 8800'
8:30:00 AM	RIG SERVICE
9:30:00 AM	SURVEY @8767' =1.5
8:00:00 PM	DRILL 8800' TO 9143'
9:00:00 PM	CHECK FLOW,PUMP PILL,POOH W/#3 BIT,PULL SLOW ,HOLE SWABBING.
11:30:00 PM	break circ ,raise mud wt f.9.0 to 9.2+ @8447'
11:30:00 PM	out of bar .5% lcm, 250 bbl loss
12:01:00 AM	pooh 2 stnds,hole still swabbing,break circ..
2:00:00 AM	establish circ,circ gas out,200 bbl loss,mixing lcm f/4%, 9.3+ wt, out of bar
3:00:00 AM	pooh 3 stnds,flow minimal,still swabbing
6:00:00 AM	circ out gas,mix lcm f/8%,wait on bar

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 7
Morning Operations : DRILLING

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/19/2005

Report # : 16

Depth At 06:00 : 8680

Estimated Total Depth : 10400

Remarks :

RIG 136 HAS 1138 DAYS NO LTA
SAFETY MEETING=MIXING CHEMICALS
DAILY WATER=500 BBLS
TOTAL WATER=12200 BBLS
DAILY MTR HR=21.5
TOTAL MTR= 90.5 HRS(1010)
TUBULARS ON LOCATION
1-8MTR,7-8DC,20-6.25DC,2-6.26MTR,
356JTS DP,2-9.625CSG,15-5.5CSG
5% DAP IN SYSTEM
SPR#2=55-SPM=530 PSI@7451' (8.9)#
DAILY MUD PRODUCTS COST= \$4624.

Time To	Description
7:00:00 AM	SURVEY @ 7403' = 2*
12:00:00 PM	DRILL 7420' TO 7671'
12:30:00 PM	LUBRICATE RIG
8:00:00 PM	DRILL 7671' TO 8181
9:00:00 PM	SURVEY @ 8030' =2*
6:00:00 AM	DRILL 8181' TO 8680'

009

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

BBC
CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML46111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL **CONFIDENTIAL**

8. WELL NAME and NUMBER:
Cedar Camp #1-1-16-22

2. NAME OF OPERATOR:
BILL BARRETT CORPORATION

9. API NUMBER:
4301931415

3. ADDRESS OF OPERATOR:
1099 18TH St. Ste230C CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 312-8168

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp/Wildcat **RECEIVED**

4. LOCATION OF WELL
FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL

COUNTY: Carbon **APR 01 2005**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E

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

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: _____	<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>Weekly Activity Reports</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.

WEEKLY DRILLING ACTIVITY REPORT FROM 03/21/05-03/27/05.

NAME (PLEASE PRINT) Tracey Fallang

TITLE Permit Analyst

SIGNATURE *Tracey Fallang*

DATE 3/28/2005

(This space for State use only)

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 15
Morning Operations : LD DC's

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/27/2005
Report # : 24
Depth At 06:00 : 10560
Estimated Total Depth : 10400

Time To

Remarks :

Rig #136 operated 1144 days with out a LTA
Safety meeting held on-PPE.

Hauled ... bbls total hauled=16000 bbls

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 14
Morning Operations : Rig up loggers.

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/26/2005
Report # : 23
Depth At 06:00 : 10560
Estimated Total Depth : 10400

Time To

Remarks :

Rig #136 operated 1143 days with out a LTA
Safety meeting held on-lock out tag out.

S.L.M. 10559.28' Pipe Tally 10559.97'

Hauled 300 bbls total hauled=16000 bbls

Halliburton logging twisted a yoke and broke the U-joint on the logging truck 18 miles from rig. MB Construction sent a blade and wasn't able to pull. Sent a D8 and it broke down 3 miles from loggers truck. Another D8 was sent and pulled loggers to location. Loggers were scheduled to arrive on location at 1400 hrs 3/25/05 and arrived on location at 0430 hrs 3/26/05.

Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 13
Morning Operations : TD,Circulate

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/25/2005
Report # : 22
Depth At 06:00 : 10560
Estimated Total Depth : 10400

Time To

Remarks :

Rig #136 operated 1142 days with out a LTA
Safety meeting held on-tripping and forklift.

Hauled 800 bbls total hauled=15700 bbls

TD 10560' 3/25/05 @ 0500 hrs

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/24/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 21
Spud Date : 3/12/2005 Days From Spud : 12 Depth At 06:00 : 10238
Morning Operations : Drill Estimated Total Depth : 10400

Time To

Remarks :
Rig #136 operated 1141 days with out a LTA
Safety meeting held on-connections
Hauled bbls total hauled=14900 bbls

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/23/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 20
Spud Date : 3/12/2005 Days From Spud : 11 Depth At 06:00 : 9898
Morning Operations : Drill Estimated Total Depth : 10400

Time To

Remarks :
Rig #136 operated 1140 days with out a LTA
Safety meeting held on-rig inspections and BOP's
Hauled 800 bbls total hauled=14900 bbls

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/22/2005
Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 19
Spud Date : 3/12/2005 Days From Spud : 10 Depth At 06:00 : 9470
Morning Operations : Drill Estimated Total Depth : 10400

Time To

Remarks :
Rig #136 operated 1139 days with out a LTA
Safety meeting held on-tripping and forklift.
Hauled 1100 bbls total hauled=14100 bbls

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22
Surface Location : NENE-1-16S-22 E 30th PM
Spud Date : 3/12/2005 Days From Spud : 9
Morning Operations : TRIP IN HOLE WITH BIT #4

API # : 43-019-31415
Area : Cedar Camp

Operations Date : 3/21/2005
Report # : 18
Depth At 06:00 : 9143
Estimated Total Depth : 10400

Time To

Remarks :

RIG 136 HAS 1138 DAYS NO LTA
SAFETY MEETING=TRIPPING PIPE
DAILY WATER= 800BBLs
TOTAL WATER=13000 BBLs
DAILY MTR HR=0
TOTAL MTR= 103 HRS(1010)
TOTAL MTR=0 (2080)
TUBULARS ON LOCATION
1-8MTR,7-8DC,20-6.25DC,2-6.26MTR,
356JTS DP,2-9.625CSG,15-5.5CSG
5% DAPP IN SYSTEM
SPR#2=55 =700 psi @8700'
HOLE FLOWING ,BUT SUBSIDING SLOWLY AFTER
ANY AMOUNT OF CIRCULATION TIME
BIT IS SWABBING HOLE TO SURFACE CASING
THEN QUIT.

010

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

BBC
CONFIDENTIAL

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML46111

SUNDRY NOTICES AND REPORTS ON WELLS

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:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Cedar Camp #1-1-16-22

2. NAME OF OPERATOR:
BILL BARRETT CORPORATION

9. API NUMBER:
4301931415

3. ADDRESS OF OPERATOR:
1099 18TH St. Ste230C CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 312-8168

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp/Wingate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL

COUNTY: Carbon

CTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E

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: _____	<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>Weekly Activity</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Reports</u>

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

FINAL DRILLING ACTIVITY REPORT FROM 03/27/05-03/31/05. EVALUATING FOR COMPLETION.

NAME (PLEASE PRINT) Tracey Fallang

TITLE Permit Analyst

SIGNATURE

Tracey Fallang

DATE

4/4/2005

(This space for State use only)

RECEIVED
APR 0 / 2005
DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY



Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/31/2005
 Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 28
 Spud Date : 3/12/2005 Days From Spud : 19 Depth At 06:00 : 0
 Morning Operations : Estimated Total Depth : 10400

CONFIDENTIAL

Time To Description
 Enter the description here

Remarks :

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/29/2005
 Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 26
 Spud Date : 3/12/2005 Days From Spud : 17 Depth At 06:00 : 10555
 Morning Operations : Rig down and get ready for trucks Estimated Total Depth : 10400

Time To Description
 11:00:00 AM Finish nipple down and clean mud tanks.
 6:00:00 AM Rig down

Remarks :
 Rig #136 operated 1146 days with out a LTA
 Safety meeting held on-rigging down.
 Hauled 1200 bbls total hauled=17200 bbls
 Rig released at 1100hrs 3/28/05

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/28/2005
 Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 25
 Spud Date : 3/12/2005 Days From Spud : 16 Depth At 06:00 : 10560
 Morning Operations : Nipple dwn. Estimated Total Depth : 10400

Time To Description
 7:30:00 AM LDDP
 8:00:00 PM Rig up and run csg. Due to lost circ.broke circ. and circ. bttms. up @
 1460',2840',4340', 7000',8800 and 10655'.
 12:00:00 AM Circ and rig up Halliburton.
 3:00:00 AM Cmt. production csg.
 6:00:00 AM Nipple down and set slips. (set 175k on slips)

Remarks :
 Rig #136 operated 1145 days with out a LTA
 Safety meeting held on-running csg.
 Hauled 1200 bbls total hauled=17200 bbls
 Ran 240 jts 5.5,LT&C, 17#,P110',csg.W/50 bow spring
 centralizers, Landed @ 10555.40.
 Cemented with 560 sxs Tuned light,@8.9lb,2.86 yeild,full
 returns entire job,244 bbls displacement,bumped plug and
 floats held

Well : Cedar Camp #1-1-16-22 API # : 43-019-31415 Operations Date : 3/27/2005
 Surface Location : NENE-1-16S-22 E 30th PM Area : Cedar Camp Report # : 24
 Spud Date : 3/12/2005 Days From Spud : 15 Depth At 06:00 : 10560
 Morning Operations : LD DC's Estimated Total Depth : 10400

Time To Description
 1:00:00 PM Wire line logs. Loggers depth 10514'
 7:00:00 PM Trip to 4860',kelly up filled pipe and no returns,pulled 10 stds to
 3915',mixed LCM sweeps and established returns,triped in 15 stds.
 (lost approx 300 bbls)
 7:30:00 PM Circ @ 6204
 8:30:00 PM Trip in
 9:00:00 PM Circ @ 8316'
 10:00:00 PM Trip in
 11:30:00 PM Circ @ 10560'
 6:00:00 AM Pump slug and LDDP

Remarks :
 Rig #136 operated 1144 days with out a LTA
 Safety meeting held on-PPE.
 Hauled ... bbls total hauled=16000 bbls

BBC
CONFIDENTIAL

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

012

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 <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML46111
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH St, Ste230C Denver CITY STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL		8. WELL NAME and NUMBER: Cedar Camp #1-1-16-22
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E		9. API NUMBER: 4301931415
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Cedar Camp/Wingate
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:	<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>Weekly Activity Reports</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.
WEEKLY COMPLETION ACTIVITY REPORT FROM 05/03/05 - 05/08/05.

NAME (PLEASE PRINT) Tracey Fallang TITLE Permit Analyst

SIGNATURE *Tracey Fallang* DATE 5/9/2005

(This space for State use only)

RECEIVED
MAY 11 2005
DIV. OF OIL, GAS & MINING

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/8/2005

Report # : 5

End Time

Description

Summary : WELL SHUT IN, CHANGED TO 600 PSI GUAGE AT 08000 HRS, SITP WAS 30 PSI, CONTINUE TO MONITER, AT 1600 HRS, SITP WAS 40 PSI, GOT A GAS SAMPLE FOR ANALYSIS

6:00:00 AM

WELL SHUT IN, ORIGINALLY REPORTED 80 PSI SITP, CHANGED FROM A 2000 PSI GUAGE TO 600 PSI GUAGE, PRESSURE WAS 30 PSI, TRIED ANOTHER 600 PSI GUAGE, STILL 30 PSI AT 0800 HRS, AT 1600 HRS, SITP WAS 40 PSI, CAUGHT A GAS SAMPLE FOR ANALYSIS, PRESSURE AT 0600 HRS WAS 40 PSI, BLEW DOWN TO LIGHT BLOW IN 30 SEC AFTER 42 HRS SI TIME

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/7/2005

Report # : 4

End Time

Description

Summary : FLUID LEVEL AT 4500 FT, SWAB WELL TO SEAT NIPPLE WITH VERY LITTLE FLUID ENTRY, SOME GAS-CUT FLUID RECOVERED, SI WELL FOR BUILD UP, SITP AT 0600 HRS WAS 80 PSI, 17 HR BUILD UP TIME

7:00:00 AM

WELL OPEN, NO FLOW, NO BLOW

12:30:00 PM

SWAB ON WELL, MADE 16 BBLs IN 8 RUNS, INITIAL FLUID LEVEL WAS 4500', RECOVERED 14 BBLs IN FIRST 3 RUNS, 2 BBLs IN LAST 5 RUNS, LAST 6 RUNS WAS FROM SEATING NIPPLE AT 10080', RECOVERY WAS MUD CONTAMINATED

6:00:00 AM

SHUT IN WELL AT 1230 HRS, AT 1800 HRS, SITP WAS ZERO, AT 0600 HRS, SITP WAS 80 PSI, WILL CHANGE GUAGE TO RECORD MORE ACCURATELY

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/6/2005

Report # : 3

End Time

Description

Summary : PERF WINGATE AT 10213-10218', TIH, BREAKDOWN PERFS, SWAB BACK 50 BBLs, NO GAS SHOWS YET

8:30:00 AM

CREW ARRIVED AT 0700 HRS, W/O SUBS FOR WIRELINE, SAFETY MEETING, RU BWWL

9:45:00 AM

TIH W/ 5 FT OF 3 3/8" GUNS, .42 EH, 3 SPF, 120 DEG PHASED, 25 GM CHARGES, COORELATE TO NUETRON OPEN HOLE LOG DATED 3-26-05, PERF, POOH, ALL SHOTS FIRED, RDMO BWWL

2:00:00 PM

TIH WITH RETRIEVABLE PACKER, SLOW TRIP IN DUE TO HIGH WINDS, SET PACKER AT 10146'

3:00:00 PM

RU TO BREAKDOWN WITH 2% KCL WATER, FILL TUBING WITH 31.5 BBLs, BREAKDOWN AT 3700 PSI AT 2 BPM, PUMPED 29 MORE BBLs AT 2300 PSI AT 2.5 BPM, ISIP WAS 800 PSI, 1MIN WAS 300 PSI, 30 MIN SI WAS ZERO, RU TO SWAB

6:00:00 PM

FLUID LEVEL AT 1515 HRS WAS 200 FT, MADE 8 SWAB RUNS, LAST TWO RUNS OFF SEAT NIPPLE, REC 50 BBLs, FLUID LOOKED MUD CUT OR MUD CONTAMINATED, NO GAS OR GAS CUT FLUID RECOVERED YET

6:00:00 AM

SDFN, LEAVE WELL OPEN TO PIT, NO FLOW OR BLOW SEEN

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/5/2005	Report # : 2	End Time	Description
Summary : FINISH TIH TO 10480', LD 3 JTS, SWAB WELL DOWN TO PERF, POOH		7:00:00 AM	SDFN
		8:30:00 AM	PU 33 JTS, TUBING AT 10480' KB, LD 3 JTS, SWAB WELL DOWN W/ TUBING AT 10392' KB
		3:00:00 PM	SWAB WELL DOWN TO PERFORATE UNDERBALANCE, MADE 18 SWAB RUNS, RECOVERED 196 BBLs, LAST 5 RUNS FROM SEAT NIPPLE AT 10392', FLUID LEVEL EST AT 8200 FT
		6:30:00 PM	LD 8 JTS, POOH WITH 161 STDS, SECURE WELL, SDFN
		6:00:00 AM	SDFN

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/4/2005	Report # : 1	End Time	Description
Summary : FINISH RIG UP, TALLY AND PICK UP 296 JTS OF 2 3/8" TUBING		7:00:00 AM	SDFN
		5:30:00 PM	SAFETY MEETING, PU NOTCHED COLLAR, XN NIPPLE, TALLY TUBING AND PU 296 JTS TO 9302 FT, WORKED ON HYDRALICS FOR 1 HR
		6:00:00 AM	SDFN

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/3/2005	Report # :	End Time	Description
Summary : MOVE ON, UNLOAD TUBING, 333 JTS, SPOT AND FILL FRAC TANK, SPOT MUD TANK, RU RIG		12:00:00 PM	NO WELL OPERATION IN EFFECT
		5:00:00 PM	MOVE IN, RU, SET RACK, UNLOAD AND RACK TUBING, SPOT AND FILL FRAC TANK, SPOT MUD TANK, MOVE IN SUPPORT EQUIPMENT, RECEIVED 333 JTS NEW 2 3/8" EUE N-80 TUBING, RACKED, TALLY FORTHCOMING
		6:00:00 AM	SDFN

CONFIDENTIAL

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

BBC
CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML46111
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Cedar Camp #1-1-16-22
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		9. API NUMBER: 4301931415
3. ADDRESS OF OPERATOR: 1099 18TH St. Ste230C <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80202		PHONE NUMBER: (303) 312-8512
4. LOCATION OF WELL FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL		10. FIELD AND POOL, OR WILDCAT: Cedar Camp/Wingate
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E		COUNTY: Carbon
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Weekly Activity Reports</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.
WEEKLY COMPLETION ACTIVITY REPORT FROM 05/09/05 - 05/15/05.

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Contract Permit Analyst for the Bill Barrett Corp.</u>
SIGNATURE <u>Matt Barber</u>	DATE <u>5/17/2005</u>

(This space for State use only)

RECEIVED
MAY 20 2005
DIV. OF OIL, GAS & MINING

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/15/2005 Report # : 12

End Time Description

Summary : WELL SI, W/O FRAC ON 16TH, HEAT
FRAC WATER, SPOT MOUNTAIN
MOVER, BRING OUT SAND

6:00:00 AM WELL SI, SICP AT 0600 WAS 650 PSI, AT 2000 HRS, PRESS
WAS 735 PSI, HEAT FRAC WATER, SPOT AND BRING IN SAND
FOR FRAC

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/14/2005 Report # : 11

End Time Description

Summary : WELL SD FOR WEEK END, PREP TO
FRAC ON 16TH, PRESSURE AT 0600
HRS WAS 410 PSI

6:00:00 AM WELL SI, WAIT ON FRAC ON 16TH, SICP AT 0600 HRS WAS 410
PSI

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/13/2005 Report # : 10

End Time Description

Summary : RIG UP FLOW BACK IRON, MOVE ON
120 TONS OF CO2, FILL FRAC TANK
WITH 2 % KCL WATER

6:00:00 AM SI CASING PRESSURE AT 0600 HRS WAS 200 PSI, AT 1400 HRS
WAS 300 PSI, AT 1700 HRS WAS 325 PSI, MOVED ON AND RU
FB IRON, MOVE ON 120 TON OF CO2, FILL FRAC TANK, SDFN,
WELL SECURE

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/12/2005 Report # : 9

End Time Description

Summary : FINISH LAYING DOWN TUBING AND
PACKER, ND BOP, NU FRAC TREE,
RIG DOWN DUCO, MOVE OUT RIG
AND EQUIP TO 1-6 WELL

7:00:00 AM WELL OPERATIONS SDFN
9:00:00 AM LD REST OF TUBING AND PACKER
12:00:00 PM RIG DOWN DUCO, ND BOP, NU FRAC TREE, MOVE OUT RIG
AND AND EQUIP TO 1-6 WELL
6:00:00 AM WELL SHUT IN, CONTINUE TO PREP TO FRAC ON 16TH, SICP
AT 1300 HRS WAS ZERO PSI, SICP AT 1700 HRS WAS 70 PSI,
SICP AT 1900 HRS WAS 100 PSI, SICP AT 0600 HRS WAS 200
PSI

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/11/2005 Report # : 8

End Time Description

Summary : SWAB ON ENTRADA, RECOVERED 4
1/2 BBLS IN 7 RUNS, ALL FLUID
RECOVERED WAS GAS CUT, WITH
GAS BLOWS AFTER SWAB RUNS, ND
TREE, NU BOP, RELEASE PACKER,
POOH LAYING DOWN TUBING

7:00:00 AM SDFN
11:30:00 AM CREW ON LOC, SAFETY MEETING, SWAB ON WELL, INITIAL
FLUID LEVEL WAS 5000 FT, MAKE 7 RUNS, LAST 4 FROM SEAT
NIPPLE AT 9740', TOTAL RECOVERY OF 4 1/2 BBLS OF GAS
CUT FLUID, GOOD GAS BLOWS AFTER SWAB RUNS BLOWING
DOWN TO SLIGHT BLOW
1:00:00 PM ND PROD TREE, NU BOP, RELEASE PACKER, PREP TO PULL
PIPE
5:00:00 PM LAYDOWN TUBING, SD WITH 113 JTS LEFT IN HOLE
6:00:00 AM SDFN, WELL DEAD

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/10/2005	Report # : 7	End Time	Description
Summary : SET CBP AT 9890, FLUID LEVEL AT 7118', PERF AT 9827-9832', TIH WITH PACKER AND TUBING, TAG PLUG, PULL UP 90', SET PACKER, BREAKDOWN W/ 40 BBLS, SWAB ON WELL		7:00:00 AM	WELL OPEN, RIG CREW AND PERF CREW ON LOC, SAFETY MEETING
		7:45:00 AM	RU BLACK WARRIOR WL FOR PLUG SHOOT RUN
		9:30:00 AM	TIH W COMPOSITE BRIDGE PLUG, COORELATE TO OH LOG, SET LUG AT 9890', PERF AT 9827-9832' OH DEPTH WITH 5' OF 3 3/8" EXPENDABLE GUNS LOADED 120 DEG PHASED, 3 SPF, .42 EH, 25 GM CHARGE, FLUID LEVEL BEFORE SHOOTING WAS 7100 FT, POOH, RD, ALL SHOTS FIRED OKAY
		1:30:00 PM	PICK UP RTTS PACKER, TIH WITH TUBING, TAG PLUG, STEEL TO WIRELINE MEASURE COORECTION IS 32', PULL OUT 90', SET RTTS AT 9800'
		3:00:00 PM	ND BOP, NU PROD TREE
		3:30:00 PM	BREAKDOWN PERFS W 2% KCL WATER AND RIG PUMP, FILL HOLE W 26.5 BBLS, WELL BROKE AT 3500 PSI BACK TO 1500 PSI, PICK RATE TO 3 BPM AND PUMP 14 MORE BBLS AT 1800 PSI, SITP WAS 300 PSI, 1 MIN SITP WAS ZERO, RIG UP TO SWAB, TOTAL LOAD TO REC IS 40 BBLS PUMPED PLUS 12 BBLS IN HOLE, 52 BLWTR
		6:00:00 PM	MADE 7 SWAB RUNS, FLUID LEVEL ON INITIAL RUN WAS 500 FT, SWABBED TO SEAT NIPPLE AT 9740' ON 7TH RUN, RECOVERED 50 BBLS, GOT GOOD GAS CUT ON 6TH RUN, GOT GOOD BLOW AFTER 7TH RUN AND GAS CUT RECOVERY
		6:00:00 AM	SDFN, WELL OPEN TO PIT FOR NIGHT

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/9/2005	Report # : 6	End Time	Description
Summary : BLOW DOWN WELL, SWAB, POOH TO MOVE TO NEXT STAGE		7:30:00 AM	OPEN WELL. BLOW OFF 40 PSI, SAFETY MEETING, RIG UP TO SWAB
		12:00:00 PM	SWAB ON WELL, MADE 7 RUNS, RECOVERED 12 BBLS, INITIAL FLUID LEVEL AT 5400', SWAB TO SEAT NIPPLE IN 3 RUNS, RECOVERED 11 BBLS, MADE 4 MORE RUNS AND RECOVERED 1 BBL TOTAL, TIME BETWEEN LAST 2 RUNS WAS 1 HR EA, FLUID LEVEL HOLDING AT 8800 FT, VERY LITTLE GAS CUT IN THE FLUID RECOVERED
		4:30:00 PM	RELEASE PACKER, POOH, SDFN, PLAN ON DOING WIRELINE WORK ON ENTRADA ZONE IN AM
		6:00:00 AM	SECURE WELL, SDFN, CASING OPEN TO PIT, NO BLOW OR FLOW

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

**BBC
CONFIDENTIAL**

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: ML46111
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH St. Ste230C CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E		8. WELL NAME and NUMBER: Cedar Camp #1-1-16-22
		9. API NUMBER: 4301931415
		10. FIELD AND POOL, OR WILDCAT: Cedar Camp/Wingate
		COUNTY: Carbon
		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: _____	<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>Weekly Activity Reports</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.

WEEKLY COMPLETION ACTIVITY REPORT FROM 05/16/05 - 05/22/05.

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Contract Permit Analyst for the Bill Barrett Corp.</u>
SIGNATURE <u><i>Matt Barber</i></u>	DATE <u>5/23/2005</u>

(This space for State use only)

RECEIVED
MAY 25 2005

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/22/2005 Report # : 19

Summary : flow well on 44/64, check for water production if a bigger choke is used, si at 2000 hrs, release flowback crew

End Time	Description
6:00:00 PM	FLOW TEST THRU PROD TEST VESSEL ON 44/64 CHOKE, OPEN ON 44/64 AT 0600 HRS AT 140 PSI, TO 30 PSI IN 2 HRS, GOT ONE SLUG OF WATER AT 0700 HRS OF 14 BBLs, THEN WATER RATES THEN SETTLED AT AN AVG OF 2 B/H WATER RATE AND 20 TO 20 PSI FCP
8:00:00 PM	OPEN TO TANK ON 44/64, RIG DOWN FLOW IRON, RACK UP PRODUCTION UNIT TO RELEASE IN AM, RELEASE CREW AT 2000 HRS
6:00:00 AM	SHUT IN WELL, 100 PSI AT 2100 HRS, SICP AT 0530 HRS WAS 675 PSI, OPEN ON ADJUSTABLE TO FB TANK WITH A 44/64 CHOKE IN, LET WELL BLOW DOWN TO SAMPLE, KILL, ND FRAC TREE AND NU BOP, WITH PLAN TO PUT TUBING IN WELL

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/21/2005 Report # : 18

Summary : FLOW TEST WELL THRU PRODUCTION VESSEL

End Time	Description
6:00:00 AM	FLOW TEST WELL THRU PROD TEST VESSEL, TESTS BY DRAYGER TUBE WERE 2% CO2 AT 6 AM, BEGINNING OF REPORT AND END OF REPORT, FLOWED 24 HRS ON 24/64 CHOKE, PRESSURE WAS 160 TO 140 PSI, FLOW RATE AVERAGED 300 MCFD CORRECTED, RECOVERED 87 BW, 690 BBLs OVER LOAD, REC 3.6 B/H AVG, DOWN FROM 3.75 B/H AVG

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/20/2005 Report # : 17

Summary : FLOW TEST WELL THRU PROD TEST VESSEL

End Time	Description
6:00:00 AM	FLOW WELL THRU PRODUCTION TEST VESSEL FOR EXTENDED TEST, WELL ON 28/64 PAST 24 HRS, RECOVERED 90 BBLs WATER OR 3.75 B/H, DOWN FROM 4.1 B/H, TOTAL RECOVERY IS 604 BBLs OVER LOAD, GAS RATE AT REPORT TIME WAS 340 MCFD, DOWN FROM 430 MCFD, PRESSURE AT 130 PSI, DOWN FROM 150 PSI, THE PLAN IS TO GO TO 24/64 CHOKE AT 0600 HRS AND GET 24 HRS AT THE SMALLER CHOKE, AND THE 22ND TO OPEN UP AND WATCH POTENTIAL WATER PRODUCTION WITHOUT MAINTAINING PRESSURE OF OVER 120 PSI

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/19/2005 Report # : 16

Summary : FLOWTEST WELL THRU PRODUCTION TEST VESSEL

End Time	Description
6:00:00 AM	FLOWTESTING THRU PRODUCTION TEST VESSEL ON 32/64 TIL 1300 HRS, THEN DUE TO TRYING TO MAINTAIN 125 OR HIGHER PRESSURE, SWITCHED TO 28/64 CHOKE FOR REST OF REPORT PERIOD, AT 0600 19TH, 140 PSI ON 32/64, 5 B/H WATER REC, 552 MCFD, AFTER CHOKE CHANGE, PRESSURE BUILT TO 170 PSI BEFORE SLOWLY COMING DOWN TO 150 PSI AT REPORT TIME, GAS RATE WENT FROM 550 MCFD TO 430 MCFD OVER 24 HRS, WATER ATE WAS 98 BBLs ON 24 HRS OR 4.1 B/H AVG, DOWN FROM 5.54 B/H PREVIOUS 24 HRS PERIOD, DRAYGER TUBE CO2 TEST STILL AT 3%

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/18/2005	Report # : 15	End Time	Description
Summary : RU DUCO COMPLETION RIG, RIG PUMP, PREP TO TIH W/ TUBING, CLEAN LOCATION AND ROADS WHILE FLOWTESTING WELL, SDF WEEKEND W/ RIG AND CONTINUE FLOWING WELL THRU PRODUCTION TEST UNIT FOR EXTENDED TEST		3:00:00 PM	FLOW TEST THRU PRODUCTION UNIT, RU DUCO COMPLETION RIG, RIG PUMP, SPOT BOP'S, PREP TO TIH W/ TUBING ON MON AFTER EXTENDED PRODUCTION TEST, CLEAN LOCATION AND ACCESS ROADS, SD RIG FOR WEEKEND, CONTINUE FLOW TESTING
		6:00:00 AM	FLOW TESTING THRU PRODUCTION UNIT, WENT TO A 32/64 AT 0730 HRS, PRESS WENT FROM 165 ON 36 /64 TO 200 ON 32/64, AND SLOWLY DECLINED TO 140 PSI IN 23 HRS, WATER PRODUCTION WAS 133 BBLS IN 24 HRS, OR 5.54 B/HR, GAS FLOW RATE CORRECTED WENT FROM 800 TO 550 MCF/D, DRAYGER TUBE CO2 TEST AT 0600 HRS WAS 3%, DOWN FROM 5% TEST 24 HR AGO, KEEP IN MIND, OUR DRAYGER TUBE TESTS HAVE BEEN RELATIVE, AN ACTUAL TEST BY QUESTAR IS PLANNED FOR 23RD MAY ON LOC

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/17/2005	Report # : 14	End Time	Description
Summary : FLOWTEST ENTRADA ZONE, FLOWING BACK FRAC		6:00:00 PM	FLOWBACK FRAC ON ENTRADA ZONE TO FB TANK ON 38/64 CHOKE TO FB TANK, MADE 113 BBLS IN 12 HRS, PRESSURE WENT FROM 300 PSI FCP TO 220 PSI, MOVE ON RIG, FRAC TANK, RIG PUMP, PRODUCTION TEST VESSEL, CATWALK, EXTRA TUBING, HAUL EXCESS WATER TO 1-6 PIT
		6:00:00 AM	TEST WELL THRU PRODUCTION UNIT, MORE PRODUCTION DATA ON FLOWBACK REPORT, ON 36/64 FOR 12 HRS, PRESSURES 230 TO 175 PSI , WATER PRODUCTION WAS AT 6 B/H, WATER PRODUCTION WAS 75 BBLS IN LAST 12 HRS, TOTAL RECOVERY WAS 188 BBLS LAST 24 HRS, AT REPORT TIME, 175 PSI ON 36/64, 6 B/H WATER, 836 MCFD THRU PRODUCTION TEST VESSEL

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/16/2005 Report # : 13

Summary : FRAC AND FLOWBACK ENTRADA ZONE

End Time	Description
8:30:00 AM	HALLIBURTON ON LOC, SAFETY MEETING, RIG UP, TEST LINES TO 8500 PSI
10:00:00 AM	FRAC ENTRADA AT 9827-9832', INITIAL PRESS ON WELL WAS 815 PSI, ALL FRAC FLUID WAS 70 QUALITY CO2 FOAM EXCEPT FLUSH AT 50% CO2, FILL CASING WITH 3840 GAL AT 16 BPM FOAM RATE, PU RATE TO 20 BPM AT 2050 PSI, PUMP 3000 GAL .5 PPG 100 MESH AT 2120 PSI AT 20 BPM, PUMP 3000 GAL 1 PPG 20-40 SAND AT 1900 PSI AT 20 BPM, PUMP 3000 GAL 2 PPG 20-40 SAND AT 1830 PSI AT 21 BPM, PUMP 3000 GAL 3 PPG 20-40 SAND AT 1500 PSI AT 21 BPM, PUMP 14500 GAL 4 PPG 20-40 SAND AT 1360 TO 1040 PSI AT 22 BPM, ISIP WAS 1000 PSI, FRAC GRADIENT WAS .54 PSI/FT, 1 MIN SI WAS 1000 PSI, 5 MIN SI WAS 917 PSI, 40 MIN SI WAS 825 PSI, CLEAN VOLUME LOAD WAS 288 BBLS, PUMPED 1500 LBS 100 MESH, 50280 LBS 20-40 FRAC SAND, AND 106 TONS OF
6:00:00 AM	FLOW BACK FRAC, START ON 18/64, AS CHOKES AND LINE FREEZE OFF, INCREASE CHOKE SIZES, FROM 24, 30,32,34 AND 36, TO 38/64, PRESS STARTED AT 750 PSI AFTER INITIAL OPEN, PRESS TO 540 PSI, UP TO 750 PSI AT 1730 HRS ON 34/64, AT 1730 HRS, SWITCHED TO 38/64 AND STAYED ONLY IN FLOWBACK TANK ALL MEASUREMENTS ARE ACCURATE. PRESSURES STARTED AT 720 PSI ON 38/64 AND 32 B/H, DROPPING TO 300 PSI AT 0600 WITH WATER RATES STARTING DOWN AS GAS SLUGS STARTED COMING MORE FREQUENTLY, WATER RATES DROPPED TO 8 B/H AT REPORT TIME, RECOVERED 380 BBLS LAST REPORT PERIOD, APPROX 100 BBLS OVER LOAD, PUMP TANK THIS AM SO FLUID EST NEXT 2 HRS

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

**BBC
CONFIDENTIAL**

RECEIVED
JUN 02 2005 FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML46111
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Cedar Camp #1-1-16-22
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		9. API NUMBER: 4301931415
3. ADDRESS OF OPERATOR: 1099 18TH St. Ste230C <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80202		10. FIELD AND POOL, OR WILDCAT: Cedar Camp/Wingate
4. LOCATION OF WELL FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL		COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E		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: _____	<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>Weekly Activity Reports</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.
WEEKLY COMPLETION ACTIVITY REPORT FROM 05/23/05 - 05/24/05.

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Contract Permit Analyst for the Bill Barrett Corp.</u>
SIGNATURE <u><i>Matt Barber</i></u>	DATE <u>5/31/2005</u>

(This space for State use only)

REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/24/2005

Report # : 21

End Time

Description

Summary : BLOW WELL DOWN, KILL TUBING, ND BOP, NU PRODUCTION TREE, BLOW AND FLOW ALL FLUID PLUS OUT, RD DUCO, LOAD AND MOVE OUT RIG AND EQUIP, BOPS, FB MANIFOLD

7:00:00 AM

AT 6 AM, SICP WAS 470 PSI, S9TP WAS 500 PSI, BLOWDOWN CASING TO STRONG BLOW

12:00:00 PM

SAFETY MEETING, AT 700 HRS, SITP WAS 530 PSI, HOOK UP TO FB MANIFOLD, FLOW WELL DOWN, RIG DOWN FLOOR, KILL WELL, ND BOP, NU PRODUCTION TREE, RD DUCO, LOAD OUT RIG PUMP, EXCESS TUBING TO NINE MILE, LOAD PIPE RACKS AND CATWALK TO YARD, BOP AND FB MANIFOLD TO KNIGHT, FRAC HEAD TO WHI, CLEAN LOCATION, RELEASE ALL RENTAL EQUIPMENT, RELEASE RIG TO NINE MILE

1:00:00 PM

SECURE WELL, LOAD UP, MOVE OUT CONSULTANT, SD WELL OPERATIONS

6:00:00 AM

WELL OPERATIONS SD

Well Name : Cedar Camp #1-1-16-22

API : 43-019-31415

Area : Cedar Camp

Ops Date : 5/23/2005

Report # : 20

End Time

Description

Summary : SAMPLE GAS, STRAP PIPE, KILL WELL, ND FRAC TREE, NU BOP, TIH WITH TUBING, TAG FILL AT 9837, LAND TUBING AT 9805', XN NIPPLE AT 9774', X NIPPLE AT 9740', SDFN

7:00:00 AM

SHUT IN WELL AT 0630 HRS

11:00:00 AM

SAMPLE GAS WITH QUESTAR, BASICS ARE 3.71% N2, 8.68% CO2, 928.9 BTU, SPEC GRAV WAS .6801, STRAP PIPE, KILL WELL, ND FRAC HEAD, NU BOP AND FUNCTION TEST

6:30:00 PM

PU WIRELINE RE-ENTRY GUIDE, 1 JT TUBING, XN NIPPLE, 1 JT TUBING, X NIPPLE, 312 JTS OF TUBING, TAG FILL AT 9837 FT, LD 3 JTS, LAND TUBING AT 9805.32 KB, SDFN

6:00:00 AM

WELL SI AT 1830 HRS, SI PRESS AT 2000 HRS WAS 225 PSI, AT 0600 HRS, SICP WAS 470 PSI, SITP WAS 500 PSI

**BBC
CONFIDENTIAL**

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML46113

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT or CA AGREEMENT NAME
n/a

8. WELL NAME and NUMBER:
Cedar Camp #1-1-16-22

2. NAME OF OPERATOR:
BILL BARRETT CORPORATION

9. API NUMBER:
4301931415

3. ADDRESS OF OPERATOR: **1099 18th St. Ste. 2300** CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER: **(303) 312-8168**

10. FIELD AND POOL, OR WILDCAT
Cedar Camp/Wingate

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **Lot 1, 550' FNL, 750' FEL**

AT TOP PRODUCING INTERVAL REPORTED BELOW: **Same**

AT TOTAL DEPTH: **Same**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NENE 1 16S 22E

12. COUNTY **Carbon** 13. STATE **UTAH**

14. DATE SPUDDED: **2/28/2005** 15. DATE T.D. REACHED: **3/25/2005** 16. DATE COMPLETED: **5/24/2005**

ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
7597' GL

18. TOTAL DEPTH: MD **10,560** TVD _____ 19. PLUG BACK T.D.: MD **10,480** TVD _____

20. IF MULTIPLE COMPLETIONS, HOW MANY? * **n/a**

21. DEPTH BRIDGE MD _____ PLUG SET: _____ TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
SDL/DSN/BCS/HRI

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
12-1/4"	9 5/8 J-55	36	0	1,097		Type III 500	126	Surface	0
7-7/8"	5-1/2 P110	20	0	10,555		TuneLt 560	285	8390	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	9,805							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Entrada	9,827	9,832		
(B) Wingate	10,213	10,218		
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
9,827 9,832	0.42	15	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
10,213 10,218	0.42	15	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9827' - 9832'	70Q CO2 foam frac: 106 tons CO2, 50,300# 20/40 Ottawa white sand, 320 bbls fluid

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

RECEIVED

JUL 29 2005

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

WELL IS SHUT IN PENDING CONNECTIUON TO PIPELINE

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)
				Wasatch	1,436
				Mesaverde	3,066
				Castlegate	5,170
				Mancos	5,352
				Dakota Silt	8,834
				Dakota	8,906
				Cedar Mtn	9,030
				Morrison	9,047
				Entrada	9,690
				see attached	

35. ADDITIONAL REMARKS (Include plugging procedure)

Composite Bridge Plug set at 9890'. Logs previously submitted by Halliburton under separate cover.

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

NAME (PLEASE PRINT) Matt Barber TITLE Contract Permit Analyst for BBC
 SIGNATURE *Matt Barber* DATE 7/25/2005

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 Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

CONFIDENTIAL

34. Formation (Log) Markers continued:

Navajo	9882
Wingate	10203
Chinle	10430

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

**BBC
CONFIDENTIAL**

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: ML46111
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH St. Ste230C CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E		8. WELL NAME and NUMBER: Cedar Camp #1-1-16-22
PHONE NUMBER: (303) 312-8168		9. API NUMBER: 4301931415
		10. FIELD AND POOL, OR WILDCAT: Cedar Camp/Wingate
COUNTY: Carbon		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: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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.

THIS SUNDRY IS BEING SUBMITTED AS NOTIFICATION OF FIRST SALES ON 06/05/2006.

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Permit Analyst</u>
SIGNATURE <u><i>Matt Barber</i></u>	DATE <u>6/7/2006</u>

(This space for State use only)

RECEIVED
JUN 12 2006

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML46111

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:

Cedar Camp #1-1-16-22

2. NAME OF OPERATOR:
BILL BARRETT CORPORATION

9. API NUMBER:
4301931415

3. ADDRESS OF OPERATOR:
1099 18TH St. Ste230C Denver CITY STATE CO ZIP 80202

PHONE NUMBER:
(303) 312-8168

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp/Wingate

4. LOCATION OF WELL
FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E

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: 6/8/2006	<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: PIT CLOSURE
	<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.

THIS SUNDRY IS BEING SUBMITTED AS NOTIFICATION THAT THE PIT, LOCATED AT THE CEDAR CAMP #1-1-16-22, WAS CLEANED UP AND CLOSED DURING JUNE 6, 2006 - JUNE 8, 2006.

NAME (PLEASE PRINT) Matt Barber

TITLE Permit Analyst

SIGNATURE *Matt Barber*

DATE 7/7/2006

(This space for State use only)

33 11 2006
DIVISION OF OIL, GAS AND MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

- | |
|--------|
| 1. DJJ |
| 2. CDW |

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

12/20/2006

FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th St, Suite 2300 Denver, CO 80202 Phone: 1 (303) 312-8121	TO: (New Operator): N3145-Stewart Petroleum Corporation 475 17th St, Suite 1250 Denver, CO 80202 Phone: 1 (303) 799-1922
---	---

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CEDAR CAMP 1-1-16-22	01	160S	220E	4301931415	14560	State	GW	P
CEDAR CAMP 1-6-16-23	06	160S	230E	4301931416	14561	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: 1/10/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/1/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: _____
- 4a. Is the new operator registered in the State of Utah: _____ Business Number: pending
- 4b. If **NO**, the operator was contacted on: 12/27/2006
- 5a. (R649-9-2) Waste Management Plan has been received on: requested
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 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 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- 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: 1/11/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/11/2007
- Bond information entered in RBDMS on: 1/11/2007
- Fee/State wells attached to bond in RBDMS on: 1/11/2007
- 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: _____
- 3a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number S312139
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/16/2007

COMMENTS:

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

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML46113

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Cedar Camp #1-6-16-23

9. API NUMBER:
4301931416

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp/Wingate

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 _____

2. NAME OF OPERATOR:
Stewart Petroleum Corporation *N3145*

3. ADDRESS OF OPERATOR:
475 17th Street, #1250 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 799-1922

4. LOCATION OF WELL
FOOTAGES AT SURFACE: LOT 1, 647' PNL, 465' FEL
QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 6 16S 23E COUNTY: Carbon STATE: UTAH

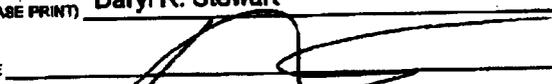
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</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.
 STEWART PETROLEUM CORPORATION (SPC) IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE ABOVE-MENTIONED WELL HAS BEEN SOLD TO STEWART PETROLEUM CORPORATION (BOND # S312139) BY BILL BARRETT CORPORATION EFFECTIVE 12/20/2006. PLEASE REFER ALL FUTURE CORRESPONDENCE TO DARYL R. STEWART AT THE FOLLOWING ADDRESS:

Stewart Petroleum Corporation
 475 Seventeenth Street, Suite 1250
 Denver, Colorado 80202
 (303) 799-1922
 (303) 799-1924 fax

Tracy Fallang Name (Please Print) Environmental/Regulatory Analyst (Title)
 Bill Barrett Corporation *N2165*
Tracy Fallang Signature *12/20/06* (Date)
 1099 18th St #2300 Denver Co 80202 303 312-8121

NAME (PLEASE PRINT) Daryl R. Stewart TITLE President
 SIGNATURE  DATE 1/5/07

(This space for State use only)
 APPROVED 1/11/07

 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician
 (5/2000)

(See Instructions on Reverse Side)

RECEIVED
 JAN 10 2007
 DIV. OF OIL, GAS & MINING



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

September 2, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6145

Mr. Daryl Stewart
Stewart Petroleum Corporation
475 17th Street, Suite #790
Denver, CO 80202-4017

16S 22E 1

Re: Cedar Camp 1-1-16-22 API 43-019-31415, Cedar Camp 1-6-16-23 API 43-019-31416 & Tumbleweed 14-16-15-21 API 43-047-34014
Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Stewart:

As of July 2008, Stewart Petroleum Corporation has three (3) State Mineral Lease Wells (see attachment A) currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status (see attachment A). 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 of Oil, Gas & Mining ("Division") grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3).

The Tumbleweed well was granted extension through August 1, 2006 to the previous operator. New information and a request were required at that time for further SI/TA. To date, no requests have been submitted for this well or any of the listed wells. Please submit your plans to produce or plug these wells immediately.

For extended SI/TA consideration the operator shall provide the Division 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



Page 2
September 2, 2008
Mr. Stewart

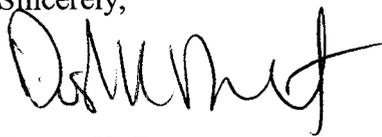
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

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

JP/js

cc: Jim Davis, SITLA
Compliance File
Wells File

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	CEDAR CAMP 1-1-16-22	43-019-31415	ML-46111	1 Year 11 Months
2	CEDAR CAMP 1-6-16-23	43-019-31416	ML-46113	2 Years
3	TUMBLEWEED 14-16-15-21	43-047-34014	ML-46733	5 Years

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: ML46111
2. NAME OF OPERATOR: Stewart Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 475 17th St., Ste. 790 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL		8. WELL NAME and NUMBER: Cedar Camp #1-1-16-22
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16s 22e		9. API NUMBER: 4301931415
COUNTY: Grand		10. FIELD AND POOL, OR WILDCAT: Cedar Camp
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: _____	<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>Updated 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.

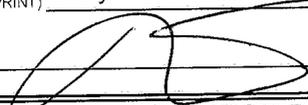
As of September 26, 2008 there was 120# SITP and 120# SICP. There was 0# bradenhead pressure.

We hereby request an extension of the shut-in period for further evaluation of the well data before attempting to return well back to production. (Bill Barrett Corporation drilled well).

COPY SENT TO OPERATOR

Date: 11/6/2008

Initials: KS

NAME (PLEASE PRINT) <u>Daryl R. Stewart</u>	TITLE <u>President</u>
SIGNATURE 	DATE <u>10/1/2008</u>

(This space for State use only)

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: 11/4/08
By: D. Stewart

(See Instructions on Reverse Side)

* Insufficient information provided to approve request

RECEIVED

OCT 02 2008

DIV. OF OIL, GAS & MINING



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

March 24, 2009

CERTIFIED MAIL NO.: 7004 1160 0003 0190 2693

Mr. Daryl Stewart
Stewart Petroleum Corporation
475 17th Street, Suite #790
Denver, CO 80202-4017

16S 22E 1

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Requirements for Wells on Fee or State Leases**
Cedar Camp 1-1-16-22 (API 43-019-31415), Cedar Camp 1-6-16-23 (API 43-019-31416)

Dear Mr. Stewart:

Stewart Petroleum Corporation ("Stewart") has two (2) State Mineral Lease Wells (see attachment A) currently in non-compliance for extended shut-in and temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. 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 (R649-3-36-1.3.3).

This is the second notice of non-compliance that Stewart has received for the above listed wells. On September 2, 2008 via certified mail the first notice was sent requesting required information to bring the wells into compliance. A sundry was received on October 2, 2008 requesting extension for the Cedar Camp 1-1-16-22 well. Request was denied by the Division due to insufficient information provided by Stewart as required by R649-3-36. No information was received concerning Cedar Camp 1-6-16-23 wells status. To date the Division has not seen any correspondence from Stewart addressing necessary information concerning these wells SI/TA non-compliance issues.



For extended SI/TA consideration the operator shall provide the Division with the following:

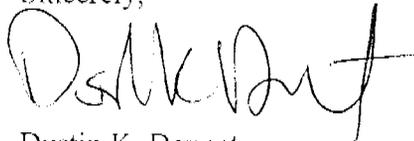
1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence 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)

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, a notice of violation will be issued. If you have any questions concerning this matter, please contact Joshua Payne at (801) 538-5314 or me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Jim Davis, SITLA
Compliance File
Wells File

Attachment A

	Well Name	API	Lease Type	Years Inactive
1	Cedar Camp 1-1-16-22	43-019-31415	ML-46111	2 Years 5 Months
2	Cedar Camp 1-6-16-23	43-019-31416	ML-46113	2 Years 6 Months

May 07 09 04:27p

Terry J. Cox

505 345 1673

p.1

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER
ML46111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CO AGREEMENT NAME:

8. WELL NAME and NUMBER:
Cedar Camp #1-1-16-22

9. API NUMBER:
4301931415

10. FIELD AND POOL, OR WILDCAT:
Cedar Camp

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.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Stewart Petroleum Corporation

3. ADDRESS OF OPERATOR: 475 17th Street, Suite 790 Denver CO 80202 PHONE NUMBER: (303) 799-1922

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: Lot 1, 550' FNL, 750' FEL COUNTY: Grand
QUAD, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E 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 Duplicates) 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:	<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"/> COMMINGLED PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Request for Extension
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

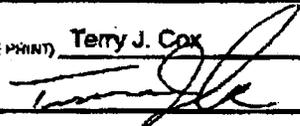
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

- The subject well is perforated in the Wingate 10,213'-10,218' and the Entrada 9,827'-9,832'.
- Surface casing is set at 1,097', below all fresh water strata, and is cemented to the surface.
- The production casing is set from a TD of 10,555' to the surface.
- The production casing is cemented to 8,390' from the surface per a cement bond log.
- Production tubing is landed at 9,805' with no packer isolating the tubing and casing.
- Surface pressures recorded on September 26, 2008 were 120 psi SITP and 120 psi SICP.
- There is no pressure on the annulus between the production casing and the surface casing.
- Since all fresh water zones are isolated by cement behind the surface casing and since there is no pressure on the surface casing and production casing annulus to indicate any communication between the production casing and the annulus, all evidence indicates that the integrity of the well bore is sufficient to maintain isolation between any hydrocarbons and fresh water zones.
- It is requested that an extension be granted to allow Stewart Petroleum time to further evaluate the potential of the well for any further remedial or re-completion attempts.

COPY SENT TO OPERATOR

Date: 7.13.2010

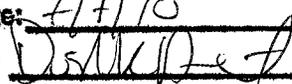
Initials: KS

NAME (PLEASE PRINT) Terry J. Cox
SIGNATURE 

TITLE Consultant
DATE 5/7/2009

(This space for State use only)

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: 7/7/10
By: 

RECEIVED

MAY 11 2009

DIV. OF OIL, GAS & MINING

* Well has been S/TA additional 1 year since request. No further work has been done on this well. A new request with new information/justification must be submitted. Concerns with length of time S/TA and primary cementing job not isolating BMSGW @ 3700' as required in ADD. Remedial action is probably necessary.



Stewart Petroleum Corporation

475 17th Street, Suite 790

Denver, Colorado 80202-4017

Operator: STEWART PETROLEUM CORPORATION
 Prospect: CEDAR CAMP #1-1-16²²
 Well Name: NE NE Sec. 1, T16S, R23E
 Location: Grand County
 County: Utah
 State: Utah

GL: 7597'
 RF:
 KB:

Spudded: 2/28/2005
 Completed: 5/24/2005

Casing ID	FT	Cement
9 5/8" 36# J-55	1,097	Surface 500 sx Type III Premium
5 1/2" 20# P-110	10,555'	7,200' 560 sx

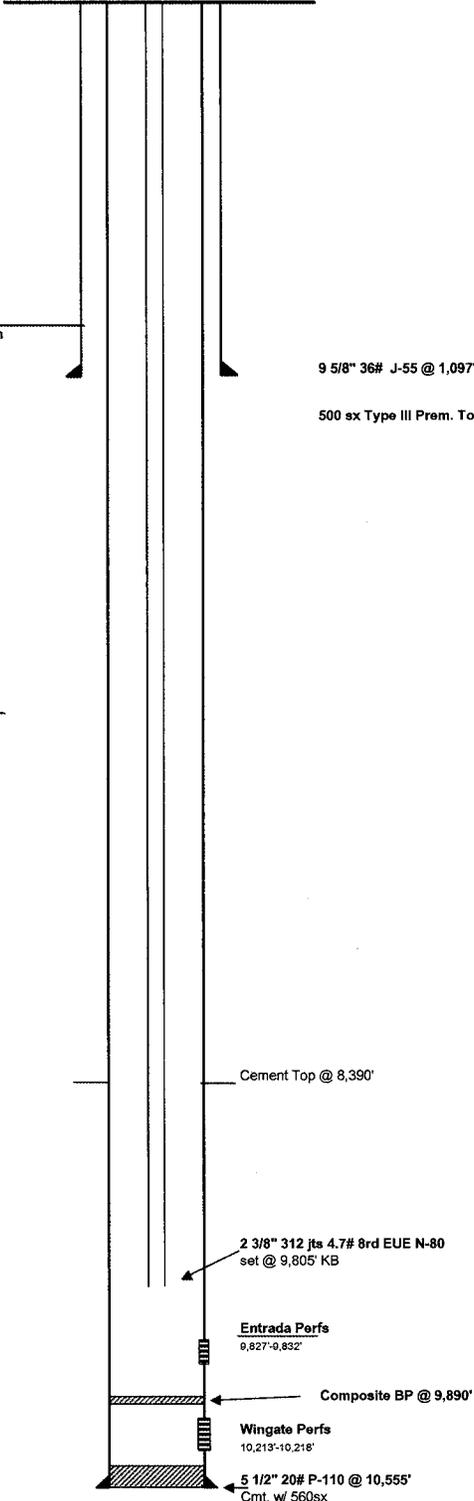
9 5/8" 36# J-55 @ 1,097' Cmt. w/
 500 sx Type III Prem. To surface

DV Tool

TUBING ASSEMBLY

2 3/8" 9,805'

Fm	COMPLETION		
	Perfs	No. Holes	Size
Wingate	10,213'-10,218'	15	0.42
Entrada	9,827'-9,832'	15	0.42



Completions

I.P.:
 Gas:
 Oil:
 Water:

Prepared TJC 5/7/2009



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

September 19, 2011

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1410

Mr. Terry Cox
Stewart Petroleum Corporation
475 17th Street STE 790
Denver, CO 80202

43 019 31415
Cedar Camp 1-1-16-22
16S 22E 1

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases**

Dear Mr. Cox:

As of January 2011, Stewart Petroleum Corporation (Stewart) has three (3) State Lease Wells (see Attachment A) that are 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 the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining (Division) approval. 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 (R649-3-36-1.3.3).

This is the re-issuance of a **SECOND NOTICE** of non-compliance that Stewart has received for wells listed as such on Attachment A. On September 2, 2008, via certified mail, first notices were sent requesting required information to bring wells into compliance. Stewart responded with a sundry requesting SI/TA extension. The Division denied the sundry due to insufficient information. After substantial time passed, second notices were sent via certified mail on March 24, 2009. On May 7, 2009, Stewart responded by submitting another sundry requesting SI/TA extension. The Division again denied this request on July 7, 2010, based on the amount of time that had passed since request was made with no evidence of work being done on these wells to bring them into compliance.

The other well listed on Attachment A previously had a First Notice sent certified mail on September 2, 2008. Stewart submitted a sundry addressing the SI/TA status adequately and provided integrity information. The Division approved SI/TA extension request on this well valid through October 1, 2009, which has expired.

Page 2

Stewart Petroleum Corporation
September 19, 2011

To date the Division has not received additional information nor seen any progress being made to move these wells out of non-compliance status.

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).

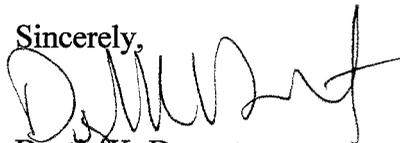
Please note that the Divisions preferred method for showing well integrity is by MIT

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

LaVonne Garrison, SITLA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	SI/TA Extension Expired
RE-ISSUED 2ND NOTICE					
1	CEDAR CAMP 1-1-16-22	43-019-31415	ML-46111	4 Years 5 Months	
2	CEDAR CAMP 1-6-16-23	43-019-31416	ML-46113	4 Years 6 Months	
2ND NOTICE					
3	TUMBLEWEED 14-16-15-21	43-047-34014	ML-46733	7 Years 6 Months	10/1/2010

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT

To the following operator:

Name: STEWART PETROLEUM CORPORAION 16S 22E 1

Well(s) or Site(s): 1.) CEDAR CAMP 1-1-16-22 API #: 43-019-31415

2.) CEDAR CAMP 1-6-16-23 43-019-31416

3.) TUMBLEWEED 14-16-15-21 43-047-34014



Date and Time of Inspection/Violation: September 21, 2012

Mailing Address: Attn: Terry Cox
475 17th Street STE 790
Denver, CO 80202

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining (Division) has conducted an inspection of the above described site and/or records on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells - According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

The Division has initiated several contacts with Stewart Petroleum Corporation (Stewart) requesting required documents and action per R649-3-36.

First notices of non-compliance were sent out via certified mail on September 2, 2008, to Stewart concerning the above listed wells. Stewart responded with a request for extended shut in status for wells 1 and 2 above. The Division denied the request due to insufficient information provided by Stewart. After ample time had passed, a second notice of non-compliance was sent to Stewart via certified mail on March 24, 2009. On May 7, 2009 Stewart responded with another sundry requesting SI/TA extension. The Division again denied the request on July 7, 2010, due to the amount of time that had passed since the request was made with no showing of work being made on wells 1 and 2 above. A second noticed was re-issued on September 19, 2011, with no further response from Stewart. Well 3 had a response by Stewart on October 1, 2008, requesting extended SI/TA. The Division approved the request on November 4, 2008, which expired on October 1, 2009. A second notice was issued by the Division on September 19, 2011, as no work had been accomplished on this well. No response was received from Stewart.

To date our records indicate that no further work has been accomplished or required documentation submitted by Stewart to move these wells into compliance.

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

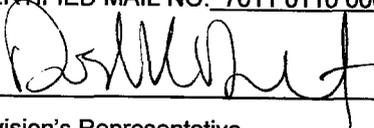
Action: For the wells subject to this notice, Stewart Petroleum Corporation shall either submit the information required by R649-3-36, plug and abandon or place the wells on production.

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

Compliance Deadline: November 5, 2012

Date of Service Mailing: October 10, 2012

CERTIFIED MAIL NO: 7011 0110 0001 3568 2417



Division's Representative

Operator or Representative

(If presented in person)

cc: Compliance File

Well Files

6/2005

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22	
9. API NUMBER: 43019314150000	
9. FIELD and POOL or WILDCAT: UNDESIGNATED	
COUNTY: GRAND	
STATE: 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.

1. TYPE OF WELL Gas Well	
2. NAME OF OPERATOR: STEWART PETROLEUM CORP	
3. ADDRESS OF OPERATOR: 475 17th Street Ste 790 , Denver , CO, 80202	PHONE NUMBER: 303 799-1922 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E 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"/> NOTICE OF INTENT Approximate date work will start: 11/6/2012	<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.

SPC is requesting an extension of the shut-in period due to the current natural gas pricing environment and the results of the Cedar Camp #1-6-16-23 reactivation.

REQUEST DENIED
Utah Division of Oil, Gas and Mining

Date: November 19, 2012

By: *Don Hamilton*

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Agent
SIGNATURE N/A	DATE 10/31/2012	



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 43019314150000

Requirements of R649-3-36 not met.

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: **12/1/2013**

FROM: (Old Operator): N3145-Stewart Petroleum Corporation 475 17th Street Denver, CO 80202 Phone: 1 (303)799-1922	TO: (New Operator): N3940-Anadarko E&P Onshore, LLC 1099 18th Street, Suite 1800 Denver, CO 80202 Phone: 1 (720) 929-6100
--	---

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
Cedar Camp 1-1-16-22	1	16S	22E	4301931415	14560	State	GW	S
Cedar Camp 1-6-16-23	6	16S	23E	4301931416	14561	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: 1/28/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/28/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/25/2014
- a. Is the new operator registered in the State of Utah: Business Number: 593715-0161
- 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: 2/25/2014
- 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: 2/25/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/25/2014
- Bond information entered in RBDMS on: 2/25/2014
- Fee/State wells attached to bond in RBDMS on: 2/25/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- 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 22013542
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/28/2014

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:



STEWART
PETROLEUM
CORPORATION

475 Seventeenth Street • Suite 790 • Denver, CO 80202

RECEIVED
JAN 28 2014
DIV. OF OIL, GAS & MINING

January 27, 2014

VIA FEDEX

Rachel Medina
Utah DOGM
1594 West North Temple
Salt Lake City, UT 84116

Re: Utah DOGM
Bond Release Request
RLB 0010223

Dear Rachel,

Per your email of today to Don Hamilton I am herewith requesting a release of Stewart Petroleum Corporation operator's bond number RLB0010223. This is due to Stewart's divestiture to Anadarko of the Cedar Camp #1-1-16-22 and Cedar Camp #1-6-16-23 effective 12/1/2013. I have attached the sundries, and designation of operator for each well to this letter.

Thank you Rachel and please let either Don or myself know if there is anything more you need from us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Daryl R. Stewart', with a long horizontal line extending to the right.

Daryl R. Stewart
President
303/799/1922



February 20, 2014

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Ste. 1210
Salt Lake City, UT 84116

ATTENTION: Dustin Doucet

RE: Wellbore Plans/Timeline
Cedar Camp 1-1-16-22
Section 1, Township 16 South, Range 22 East
Cedar Camp 1-6-16-23
Section 6, Township 16 South, Range 23 East
Grand County, UT

Dear Mr. Doucet,

Anadarko E&P Onshore LLC respectfully requests that the Change of Operator from Stewart Petroleum Corporation to Anadarko E&P Onshore, LLC be recognized and the associated bonding be established for the Cedar Camp 1-1-16-22 and Cedar Camp 1-6-16-23 based on the following:

- By March 10, 2014 (weather permitting), Anadarko will conduct an MIT and CBL on both subject wellbores.
- Depending on the results of the MIT and CBL, Anadarko will either file plans to recomplete the wellbores to attempt to establish production in economic quantities, or will file plans to Plug and Abandon.
- Sundry notices for the above mentioned operations will be submitted to UDOGM within 4-6 weeks after the MIT and CBL work has been completed.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at andy.lytle@anadarko.com.

Sincerely,

A handwritten signature in black ink, appearing to be "Andy Lytle", written over a white background.

Andy Lytle
Regulatory Supervisor

RECEIVED

FEB 24 2014

Div. of Oil, Gas & Mining

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

RECEIVED

FORM 9

JAN 28 2014

5. LEASE DESIGNATION AND SERIAL NUMBER:

146111

SUNDRY NOTICES AND REPORTS ON WELLS

DIV OF OIL GAS & MINING

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 _____

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

GAS & MINING

7. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:
STEWART PETROLEUM CORPORATION N3145

8. WELL NAME and NUMBER:
CEDAR CAMP 1-1-16-22

3. ADDRESS OF OPERATOR:
475 17TH ST CITY DENVER STATE CO ZIP 80202

PHONE NUMBER:
(303) 799-1922

9. API NUMBER:
4301931415

10. FIELD AND POOL, OR WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: LOT 1, 550' FNL, 750' FEL

COUNTY: GRAND

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 8 16S 22E 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>12/1/2013</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 12/1/2013 ANADARKO PETROLEUM CORPORATON HAS REPLACED STEWART PETROLEUM CORPORATION AS OPERATOR OF THE WELL LISTED ABOVE AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE AND THE OPERATIONS UPON THE LEASED LANDS. ANADARKO'S BOND NUMBER IS 22013542. PLEASE RELEASE STEWART'S BOND NUMBER RLB0010223.

NAME (PLEASE PRINT) DARYL R STEWART

TITLE PRESIDENT

SIGNATURE 

DATE 1/23/2014

(This space for State use only) S/GW - State 14560
SI 14560
N3940

APPROVED

FEB 25 2014

DIV. OIL GAS & MINING
BY: Rachel Medina

Effective December 1, 2013, Anadarko E&P Onshore LLC assumed operations of the following wells:

- Cedar Camp #1-1-16-22 (4301931415)
- Cedar Camp #1-6-16-23 (4301931416)

The previous owner/operator was:

Stewart Petroleum Corporation (N3145)
475 17th Street, Suite 790
Denver, Colorado 80202

The new owner/operator is:

Anadarko E&P Onshore LLC (3940)
1099 18th Street, Suite 1800
Denver, CO 80202

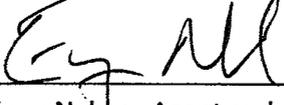
Effective December 1, 2013, Anadarko E&P Onshore LLC is responsible under the terms and conditions of the leases and permits for operations conducted on the leased lands or a portion thereof under State of Utah Bond 22013542.

STEWART PETROLEUM CORPORATION



Darryl R. Stewart, President Date: 1/23/2014

ANADARKO E&P ONSHORE, LLC



Enrique Nelson, Agent and Attorney In Fact Date: 1/24/2014

DESIGNATION OF AGENT OR OPERATOR

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

LEASE NAME: _____

LEASE NUMBER: SEE ACREAGE BOX BELOW

RECEIVED

JAN 28 2014

and hereby designates

DIV. OF OIL, GAS & MINING

NAME: ANADARKO PETROLEUM CORPORATION

ADDRESS: 1099 18TH STREET, SUITE 1800

city DENVER state CO zip 80202

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

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

UT ML 46113 WELL NAME: CEDAR CAMP 1-6-16-23 API 4301931416
UT ML 46111 WELL NAME: CEDAR CAMP 1-1-16-23 API 4301931415
UT ML 46112
UT ML 21913

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

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

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

Effective Date of Designation: 12/01/2013

BY: (Name) DARYL R STEWART

(Signature) _____

(Title) PRESIDENT

(Phone) (303) 799-1922

OF: (Company) STEWART PETROLEUM CORP

(Address) 475 17TH STREET

city DENVER

state CO zip 80202



February 20, 2014

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Ste. 1210
Salt Lake City, UT 84116

ATTENTION: Dustin Doucet

RE: Wellbore Plans/Timeline
Cedar Camp 1-1-16-22 43-019-31415
Section 1, Township 16 South, Range 22 East
Cedar Camp 1-6-16-23 43-019-31416
Section 6, Township 16 South, Range 23 East
Grand County, UT

Dear Mr. Doucet,

Anadarko E&P Onshore LLC respectfully requests that the Change of Operator from Stewart Petroleum Corporation to Anadarko E&P Onshore, LLC be recognized and the associated bonding be established for the Cedar Camp 1-1-16-22 and Cedar Camp 1-6-16-23 based on the following:

- By March 10, 2014 (weather permitting), Anadarko will conduct an MIT and CBL on both subject wellbores.
- Depending on the results of the MIT and CBL, Anadarko will either file plans to recomplete the wellbores to attempt to establish production in economic quantities, or will file plans to Plug and Abandon.
- Sundry notices for the above mentioned operations will be submitted to UDOGM within 4-6 weeks after the MIT and CBL work has been completed.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at andy.lytle@anadarko.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Lytle".

Andy Lytle
Regulatory Supervisor

RECEIVED

FEB 20 2014

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.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	9. API NUMBER: 43019314150000
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	PHONE NUMBER: 720 929-6100 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: GRAND STATE: UTAH

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

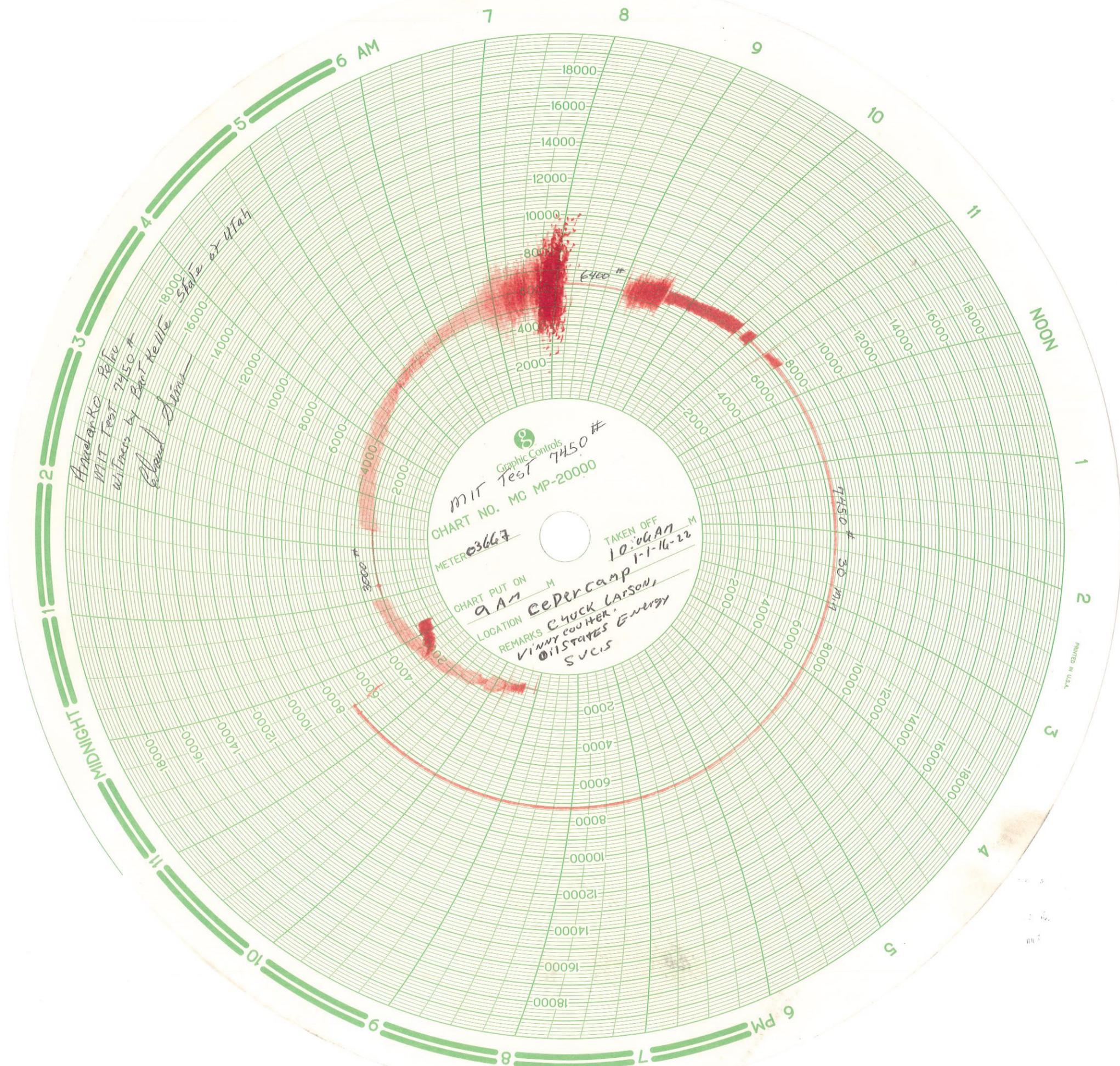
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/4/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> 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 checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="MIT Test"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<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.

Please be advised that the above captioned well passed a Mechanical Integrity Test on the above captioned well on March 10, 2014.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 April 23, 2014**

NAME (PLEASE PRINT) Laura Abrams	PHONE NUMBER 720 929-6356	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 4/4/2014	



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC		8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22
3. ADDRESS OF OPERATOR: P.O. Box 173779, Denver, CO, 80217		9. API NUMBER: 43019314150000
PHONE NUMBER: 720 929-6100 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/15/2014	<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 checked="" 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 type="text"/>

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

Anadarko E&P Onshore, LLC requests authorization to recomplete the above captioned Cedar Camp 1-1-16-22 well. Please see the attached procedure. Pursuant to Subsequent Report filed on 4/4/2014, the well passed an MIT on 3/10/2014.

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

Date: April 30, 2014

By: 

NAME (PLEASE PRINT) Laura Abrams	PHONE NUMBER 720 929-6356	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 4/17/2014	



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 43019314150000

A minimum of 100' total cement plug should be placed above existing open perfs in Entrada formation for permanent plug back. Adding 65' on top of existing plug at 8900' may be adequate.



CEDAR CAMP 1-1-16-22
RECOMPLETION PROCEDURE
FOUR STAGE MANCOS DFIT AND FRAC
DRAFT #2

DATE: 4/2/2014
AFE#:
API#: 4301931415
USER ID: JVV274

COMPLETIONS ENGINEER: Ben Smiley, Denver, CO
(720) 929 -6060 (Office)
(936) 524-4231 (Cell)

REMEMBER SAFETY FIRST!

Name: Cedar Camp #1-1-16-22**Location: NE NE Sec 1, T16S, R22E****Grand County, UT****LAT: 39.450507 LONG: -109.433194****Date: 4/2/2014****ELEVATIONS: 7,596' GL 7,620' KB****TOTAL DEPTH: 10,560' PBTD: 10,511'****SURFACE CASING: 9 5/8", 36# K-55 ST&C @ 1,097'****PRODUCTION CASING: 5 1/2", 17#, P-110 LT&C @ 10,555'****Marker Joints: 9434.5-9457'****TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
5 1/2" 17# P-110	10,640	7,460	4.767"	0.0232	0.9764
2 3/8" by 5 1/2" Annulus				0.0178	0.7463

FORMATION TOPS: (Estimated)

TOP	DEPTH (MD)
WASATCH	1,436
MESAVERDE	3,066
CASTLEGATE	5,170
MANCOS	5,891
DAKOTA SILT	8,828
DAKOTA	8,921
CEDAR MTN	9,030
ENTRADA	9,690

T.O.C. @ 4890' as per Casedhole Solution's CBL dated 3/7/2014**GENERAL:**

- **Please note that:**
 - **There are four intervals that will have DFIT's, 5 fracs, and 4 discrete flow tests.**
 - **Fracture designs will be separate of this procedure and be available at a later date.**
 - **All perforation depths are based on Casedhole Solutions GR dated 3/7/2014**
 - **CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.**

EXISTING PERFORATIONS:

Formation	Top	Base	Status
Entrada	9,827	9,832	CIBP @ 8900 w/ 35' of cmt
Wingate	10,213	10,218	CIBP @ 9890

RELEVANT HISTORY:

5/6/05 – Swab well dry, perforate Wingate 10213-10218'. Breakdown perfs @ 3700 psi, ISIP = 800 psi. Swab tested. No Commercial Gas. Set CIBP @ 9890'.

5/10/05 – Perforated Entrada 9827-9832'. Break down perfs @ 3500 psi. Swab tested; signs of gas.

5/16/05 – Frac Entrada perfs 9827'-9832' w/ 106 tons CO₂, 288 bbs fresh, 1500 # 100 mesh, 50280# of 20/40. Flowback.

5/23/05: RIH w/ 2-3/8 N-80 tbg. Tag fill @ 9837'. Land tbg @ 9805'.

2/28/14: Control well, unland & POOH w/ P110 tbg, RIH w/ gauge ring to 8915', set CIBP @ 8900'. Dump bail 8 sks cmt on top of CIBP (TOC ~ 8865'). Run temp log from surface to TD. Run CBL w/ 1000 psi on well. RU stinger and psi test csg to 8800 psi for 30 min, no leaks. UDOGM Rep Dave Hackford witnessed test.

PRE-JOB CONSIDERATIONS:

- Procedure calls for four separate DFIT's and five separate hydraulic fracturing treatments.
- A minimum of 10 tanks (cleaned lined 500 bbl) of fresh water will be required for each individual stimulation interval.

Note:

- Use only fresh water in order to assure crosslinked fluid performance
 - Water needs to be at least 65-75°F at pump time
- Procedure calls for five (8,000 psi) CBP's and three (12,000 psi) CBP's.

ON SITE CONSIDERATIONS:

- Maximum surface pressure **8800 psi**.
- If casing pressure test fails (pressure loss of 1.5% psi or more), retest for 15 minutes. If pressure loss of 1.5% more on second test, notify Denver engineers. Record in Openwells. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation. Re-pressure test to 1000 psi for 15 minutes and to **8800 psi** for 30 minutes (specific details on remediation should be documented in OpenWells).
- Calculate and record open perforations after each breakdown.
- Flush volumes are the sum of FR water used during displacement (include scale inhibitor as mentioned above).
- Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush.
- Multiple test samples will be pulled on the fly to check crosslinked gel.

- Bucket tests should be performed prior to pumping to assure the chemical pumps working and pumping at the desired rate.

RECOMPLETION PROCEDURE:

A. JUANA LOPEZ DFIT

1. MIRU. NDWH & NUBOP. RIH w/ 2-3/8 tbg to 8850'. Circulate hole with TMAC and 1.5X hole volume once circulation is established. POOH and stand back tbg.
2. ND BOP & NU 10K isolation tool across 5K casing head. NU frac valves. Test frac valves and casing to 1000 psi for 15 minutes and to **8800** psi for 30 minutes. As per standard operating procedure install steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Lock **OPEN** the Braden head valve.

3. RIH and perf the following with a 3-1/8" gun, 19 gm, 0.40" hole, 120' phasing:

Zone	From	To	spf	# of shots
JUANA LOPEZ	8559	8560	3	3
JUANA LOPEZ	8570	8571	3	3
JUANA LOPEZ	8613	8614	3	3
JUANA LOPEZ	8653	8655	3	6
JUANA LOPEZ	8690	8691	3	3
JUANA LOPEZ	8707	8709	3	6

4. RIH with three memory tools on wireline (**data acquisition frequency should be set at 1/sec**). Set gauges midperf at 8634'.
5. Perform a DFIT test on perforations **8559'-8709'** as follows:
 - a. Pump **840** gals (20 bbls) @ **2.0 bpm** (make sure the pumping rate is **constant**).
 - b. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - c. After pumping the above volume, shut well in and monitor **for a minimum of 72 hours (3 days)** as directed by Denver engineering.
 - d. POOH w/ wireline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**

B. JUANA LOPEZ FRAC PROCEDURE

1. MIRU well testers. Spot three 500 bbl. flowback tanks. RU flowback line from frac stack wing valve through a dual manual choke manifold with bypass to the flowback tank. Test flowback lines to choke manifold to 10,000 psig for 15 minutes. RU remainder of flowback equipment including sand trap, 3-phase separator, and separate dump lines for oil and water to flowback tanks.

2. MIRU frac crew. As per standard operating procedure, confirm installation of steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Confirm Braden head valve is locked **OPEN**. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
3. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
4. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 1. Flush to top perf at 8559' with FR water. At the end of pumping obtain 5, 10, & 15 min leakoff.
5. Set **8000** psi CBP at ~8529'. RDMO frac company and wireline company.
6. ND Frac Valves, MIRU, NU and Test BOPs.
7. TIH with 4 5/8" bit, pump open sub, XN and 2 & 3/8", N-80 tubing.
8. Drillout plug at 8529' and clean out to 8759' at a minimum. Land tubing at ± **8529'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.
9. Drop ball and pressure up on Pump Open sub. **Leave surface casing valve open**. Monitor and report any flow from surface casing. RDMO

C. JUANA LOPEZ FLOWBACK

1. Begin flowback on 16/64" choke through sand trap and three phase separator. Do not let well exceed flowback rate of 1.0 BPM. **Communicate all choke changes with Vernal/Denver engineering team.**
2. Flowback crew will record flowback volumes at every hour including oil rate, water rate, gas rate, tubing pressure, casing pressure, differential pressure, static pressure, and choke size. Flowback water density, water temperature, and PH values need to be recorded every 12 hours.
3. Flowback crew will assist a contact testing company in obtaining single phase oil samples in order to test API gravity, oil composition, oil biomarker, and oil viscosity.
4. Flowback crew will assist a contact testing company in obtaining single phase gas samples in order to test gas specific gravity, composition, and isotope.
5. Obtain a single phase water sample once per 48-72 hrs. for standard analysis; send properly labeled sample to Nalco Vernal Lab for full water analysis.
6. If well is not flowing, commence swabbing operations until well has established steady flow. Continue to monitor all flowback reporting during swabbing operations.
7. Continue to flowback well to obtain production data for approximately 7 days and/or Vernal/Denver engineering team discretion.

D. LOWER BLUE GATE DFIT

1. MIRU. ND WH, NU BOP, TOH with tubing, NU 10K isolation tool across 5K casing head, NU frac valves.
2. MIRU WL. RIH and set **12000** psi CBP at ~8350'
3. Perf the following with a 3-1/8" gun, 19 gm, 0.40" hole, 120° phasing:

Zone	From	To	spf	# of shots
LOWER BLUE GATE	8286	8300	3	42
4. RIH with three memory tools on wireline (**data acquisition frequency should be set at 1/sec**). Set gauges midperf at 8293'.
5. Perform a DFIT test on perforations **8286' – 8300'** as follows:
 - a. Pump **840** gals (20 bbls) @ **2.0 bpm** (make sure the pumping rate is **constant**).
 - b. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - c. After pumping the above volume, shut well in and monitor **for a minimum of 72 hours (3 days)** as directed by Denver engineering.
 - d. POOH w/ wireline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**

E. LOWER BLUE GATE FRAC PROCEDURE

1. MIRU frac crew. As per standard operating procedure, confirm installation of steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Confirm Braden head valve is locked **OPEN**. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
2. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks
3. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2. Flush to top perf at 8286' with FR water. At the end of pumping obtain 5, 10, & 15 min leakoff.
4. Set **8000** psi CBP at ~8256'. RDMO frac company and Wireline company.
5. ND Frac Valves, MIRU, NU and Test BOPs.
6. TIH with 4 5/8" bit, pump open sub, XN and 2 & 3/8", N-80 tubing.
7. Drillout plug at 8256' and clean out to 8340' (10' above CBP @ 8350'). Land tubing at ± **8256'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.

8. Drop ball and pressure up on Pump Open sub. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO.

F. LOWER BLUE GATE FLOWBACK

1. Begin flowback on 16/64" choke through sand trap and three phase separator. Do not let well exceed flowback rate of 1.0 BPM. **Communicate all choke changes with Vernal/Denver engineering team.**
2. Flowback crew will record flowback volumes at every hour including oil rate, water rate, gas rate, tubing pressure, casing pressure, differential pressure, static pressure, and choke size. Flowback water density, water temperature, and PH values need to be recorded every 12 hours.
3. Flowback crew will assist a contact testing company in obtaining single phase oil samples in order to test API gravity, oil composition, oil biomarker, and oil viscosity.
4. Flowback crew will assist a contact testing company in obtaining single phase gas samples in order to test gas specific gravity, composition, and isotope.
5. Obtain a single phase water sample once per 48-72 hrs. for standard analysis; send properly labeled sample to Nalco Vernal Lab for full water analysis.
6. If well is not flowing, commence swabbing operations until well has established steady flow. Continue to monitor all flowback reporting during swabbing operations.
7. Continue to flowback well to obtain production data for approximately 7 days and/or Vernal/Denver engineering team discretion.

G. MN 34 DFIT & PERFORATIONS

1. MIRU. ND WH, NU BOP, TOH with tubing, NU 10K isolation tool across 5K casing head, NU frac valves.
2. MIRU WL. RIH and set **12000** psi CBP at ~8010'
3. Perf the following with a 3-1/8" gun, 19 gm, 0.40" hole, 120° phasing:

Zone	From	To	spf	# of shots
MN34	7946	7960	3	42
4. RIH with three memory tools on wireline (**data acquisition frequency should be set at 1/sec**). Set gauges midperf at 7953'.
5. Perform a DFIT test on perforations **7946'-7960'** as follows:
 - a. Pump **840** gals (20 bbls) @ **2.0 bpm** (make sure the pumping rate is **constant**).
 - b. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time

- c. After pumping the above volume, shut well in and monitor **for a minimum of 72 hours (3 days)** as directed by Denver engineering.
- d. POOH w/ wireline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**

H. MN 34 FRAC PROCEDURE

1. MIRU frac crew. As per standard operating procedure, confirm installation of steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Confirm Braden head valve is locked **OPEN**. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
2. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
3. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3. Flush to top perf at 7946' with FR water. At the end of pumping obtain 5, 10, & 15 min leakoff.
4. Set **8000** psi CBP at ~7916'. RDMO frac company and wireline company.
5. ND Frac Valves, MIRU, NU and Test BOPs.
6. TIH with 4 5/8" bit, pump open sub, XN and 2 & 3/8", N-80 tubing.
7. Drillout plug at 7916' and clean out to 8000' (10' above CBP at 8010'). Land tubing at ± **7916'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.
8. Drop ball and pressure up on Pump Open sub. **Leave surface casing valve open**. Monitor and report any flow from surface casing. RDMO.

I. MN 34 FLOWBACK

1. Begin flowback on 16/64" choke through sand trap and three phase separator. Do not let well exceed flowback rate of 1.0 BPM. **Communicate all choke changes with Vernal/Denver engineering team.**
2. Flowback crew will record flowback volumes at every hour including oil rate, water rate, gas rate, tubing pressure, casing pressure, differential pressure, static pressure, and choke size. Flowback water density, water temperature, and PH values need to be recorded every 12 hours.
3. Flowback crew will assist a contact testing company in obtaining single phase oil samples in order to test API gravity, oil composition, oil biomarker, and oil viscosity.
4. Flowback crew will assist a contact testing company in obtaining single phase gas samples in order to test gas specific gravity, composition, and isotope.

5. Obtain a single phase water sample once per 48-72 hrs. for standard analysis; send properly labeled sample to Nalco Vernal Lab for full water analysis.
6. If well is not flowing, commence swabbing operations until well has established steady flow. Continue to monitor all flowback reporting during swabbing operations.
7. Continue to flowback well to obtain production data for approximately 7 days and/or Vernal/Denver engineering team discretion.

J. MANCOS B DFIT

1. MIRU. ND WH, NU BOP, TOH with tubing, NU 10K isolation tool across 5K casing head, NU frac valves.
2. MIRU WL. RIH and set **12000** psi CBP at ~6494'

3. Perf the following with a 3-1/8" gun, 19 gm, 0.40" hole, 120° phasing:

Zone	From	To	spf	# of shots
MANCOS B	6430	6444	3	42

4. RIH with three memory tools on wireline (**data acquisition frequency should be set at 1/sec**). Set gauges midperf at 6437'.
5. Perform a DFIT test on perforations **6430'-6444'** as follows:
 - a. Pump **840** gals (20 bbls) @ **2.0 bpm** (make sure the pumping rate is **constant**).
 - b. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - c. After pumping the above volume, shut well in and monitor **for a minimum of 72 hours (3 days)** as directed by Denver engineering.
 - d. POOH w/ wireline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**

K. MANCOS B FRAC PROCEDURE

1. MIRU frac crew. As per standard operating procedure, confirm installation of steel blowdown line to flowback tank from 5 1/2" X 9 5/8" annulus. Confirm Braden head valve is locked **OPEN**. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
2. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.

3. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4. Flush to top perf at 6430' with FR water. At the end of pumping obtain 5, 10, & 15 min leakoff.
6. Set **8000** psi CBP at ~6400'. Perf the following with a 3-1/8" gun, 19 gm, 0.40" hole, 120':

Zone	From	To	spf	# of shots
MANCOS B	5994	5999	3	15
MANCOS B	6022	6029	3	21
7. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Flush to top perf at 6430' with FR water. At the end of pumping obtain 5, 10, & 15 min leakoff.
8. Set **8000** psi CBP at ~5964'. RDMO frac company and wireline company.
9. ND Frac Valves, MIRU, NU and Test BOPs.
10. TIH with 4 5/8" bit, pump open sub, XN and 2 & 3/8", N-80 tubing.
11. Drillout plug at 5964' and 6400' and continue clean out to 6484' (10' above CBP at 6494'). Land tubing at ± **6400'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.
12. Drop ball and pressure up on Pump Open sub. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO.

L. MANCOS B FLOWBACK

1. Begin flowback on 16/64" choke through sand trap and three phase separator. Do not let well exceed flowback rate of 1.0 BPM. **Communicate all choke changes with Vernal/Denver engineering team.**
2. Flowback crew will record flowback volumes at every hour including oil rate, water rate, gas rate, tubing pressure, casing pressure, differential pressure, static pressure, and choke size. Flowback water density, water temperature, and PH values need to be recorded every 12 hours.
3. Flowback crew will assist a contact testing company in obtaining single phase oil samples in order to test API gravity, oil composition, oil biomarker, and oil viscosity.
4. Flowback crew will assist a contact testing company in obtaining single phase gas samples in order to test gas specific gravity, composition, and isotope.
5. Obtain a single phase water sample once per 48-72 hrs. for standard analysis; send properly labeled sample to Nalco Vernal Lab for full water analysis.
6. If well is not flowing, commence swabbing operations until well has established steady flow. Continue to monitor all flowback reporting during swabbing operations.
7. Continue to flowback well to obtain production data for approximately 7 days and/or Vernal/Denver engineering team discretion.

M. FINAL COMINGLE PROCEDURE

1. If well is capable of economic production, shut well in and LOTO wellhead to build permanent facilities.
2. MIRU. Kill well as necessary. Unland tubing and POOH. L/D BHA.
3. TIH with 4 5/8" bit, pump off sub, XN and 2 & 3/8", N-80 tubing.
4. Drillout three 12K CBP's at 6494', 8010', and 8350' and clean out to plugback depth @ 8865'. Land tubing at \pm **8529'** unless indicated otherwise by the well's behavior. NDBOP, NUWH.
5. Drop ball and pump off pump POBS. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO.

Key Contact information

For design questions, please call Completion Engineer

Ben Smiley: (720) 929-6060, 936/524/4231

For field implementation questions, please call

Completion Supervisor Foreman

Jeff Samuels: 435/828-6515, 435/781-7046

Production Engineer

Ronald Trigo: 435/781/7037, 352/213-6630

Completion Manager

Jeff Dufresne: 720/929-6281, 303/241-8428

Vernal Main Office

435/789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: (435) 789-3342

Grand Junction St. Mary's Hospital Emergency: (970) 298-2551

Vernal Police: (435) 789-5835

Vernal Fire: (435) 789-4222

UDOGM Representative – Bart Kettle: (435) 820-0862

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E Meridian: S	9. API NUMBER: 43019314150000
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	9. FIELD and POOL or WILDCAT: UNDESIGNATED
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	PHONE NUMBER: 720 929-6100 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E Meridian: S	COUNTY: GRAND
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E Meridian: 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 Approximate date work will start: 10/13/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input checked="" 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 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.

ANADARKO E&P ONSHORE, LLC is requesting to run a 4" liner in the subject well. Attached is the procedure and history of the wellbore. Anticipated time frame to start the work will be the week of October 13, 2014.

Approved by the
September 29, 2014
Oil, Gas and Mining

Date: _____
By: *Doreen Green*

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 9/29/2014	

Name: Cedar Camp #1-1-16-22**Location: NE NE Sec 1, T16S, R22E****Grand County, UT****LAT: 39.450507 LONG: -109.433194****Date: 9/23/2014****ELEVATIONS: 7,596' GL 7,620' KB****TOTAL DEPTH: 10,560' PBTD: 10,511'****SURFACE CASING: 9 5/8", 36# K-55 ST&C @ 1,097'****PRODUCTION CASING: 5 1/2", 17#, P-110 LT&C @ 10,555'****Marker Joints: 9434.5-9457'****TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
5 1/2" 17# P-110 Prod csg	10,640	7,460	4.767"	0.0232	0.9764
2 3/8" by 5 1/2" Annulus				0.0178	0.7463

FORMATION TOPS: (Estimated)

TOP	DEPTH (MD)
WASATCH	1,436
MESAVERDE	3,066
CASTLEGATE	5,170
MANCOS	5,891
DAKOTA SILT	8,828
DAKOTA	8,921
CEDAR MTN	9,030
ENTRADA	9,690

T.O.C. @ 4890' as per Casedhole Solution's CBL dated 3/7/2014

RELEVANT HISTORY:

5/6/05 – Swab well dry, perforate Wingate 10213-10218'. Breakdown perfs @ 3700 psi, ISIP = 800 psi. Swab tested. No Commercial Gas. Set CIBP @ 9890'.

5/10/05 – Perforated Entrada 9827-9832'. Break down perfs @ 3500 psi. Swab tested; signs of gas.

5/16/05 – Frac Entrada perfs 9827'-9832' w/ 106 tons CO₂, 288 bbs fresh, 1500 # 100 mesh, 50280# of 20/40. Flowback.

5/23/05 - RIH w/ 2-3/8 N-80 tbg. Tag fill @ 9837'. Land tbg @ 9805'.

3/10/14 - Control well, unland & POOH w/ P110 tbg, RIH w/ gauge ring to 9815', set CIBP @ 9800'. Dump bail 8 sks cmt on top of CIBP (TOC ~ 9765'). Run temp log from surface to TD. Run CBL. RU stinger and psi test csg to 7450 psi for 30 min, no leaks. UDOGM Rep Bart Kettle witnessed test.

9/11/14 – MIRU; RU 10K isolation across 5K casing head. Pressure test 5.5" prod casing, at ~8,600 psi, pressure fell back to 500 psi. No fluid or pressure release from Bradenhead. Set 2nd CIBP @ 9688'. Re-pressure test prod casing – test still failed. RIH with tbg and packer and isolate casing leak at 3877'-3882'. Run 60 arm caliper log – confirm ~ 2"-8" casing leak at 3866'.

9/22/13 – RIH w/ tbg and packer & set pkr @ 3824'. Pump 90 sxs class G cement into casing leak @ 3866' & stage in last 4 bbls of cement @ 1600 psi. Release packer, PU and reverse circulate tbg clean. POOH. RIH w/ bit and cleanout cement. Pressure test prod casing to 1000 psi – good test. Circulate hole clean & land tbg @ 8909'. RDMO.

PROCEDURE

1. MIRU. Unland 2-3/8" tbg and POOH and stand back tbg. L/d BHA.
2. RU wireline – RIH w/ 4-5/8" gauge ring to 8900'. POOH.
3. RIH & dump bail 8 sxs of class G cmt on top of existing CIBP @ 9688'. RDMO wireline.
4. ND BOP and add wellhead component suitable for landing 4" tubing head.
5. Tally, PU & RIH w/ 4" 10.7# P110 ULTRA-FJ liner as follows:
 - a. **Tally:**
 - i. 4" Float Shoe
 - ii. LTC Pin X 4" 10.7# P110 ULTRA-FJ Crossover
 - iii. ~8800' of 4" 10.7# P110 ULTRA-FJ tubing with 2 short joints
 - iv. 4" 10.7# P110 ULTRA-FJ X LTC Pin Crossover
 - b. **NOTE:**
 - i. Use recommended TMK ISPCO running procedure
 - ii. Verify all connections are made to spec at 4,000 ft./lb. w/ TMK ISPCO certified csg crew
 - iii. Use wedding bands on every connection
6. Land liner w/ tbg head at approximately ~ 8800' and provide accurate tally for depth.
7. RU cement crew. Pump recommended cement job. Displace with wiper plug and ensure no over-displacement. WOC.
8. RIH w/ 3-1/4" bit & tbg and cleanout to float shoe. Circulate hole clean w/ TMAC and ensure clean returns. POOH and stand back tbg.
9. RU wireline – RIH & run CBL (5" per 100') from TD to surface with zero pressure on well.
10. ND BOP & NU frac valves. Pressure up wellbore to 5,000 psi. RIH and set CIBP 10' above PBTD with pressure on well. POOH.
11. Pressure test wellbore to max frac pressure of 8,800 psi for 15 minutes.
12. Send CBL to Denver engineer to correlate perf depths and wait on new completion procedure. Prepare for Lower Blue Gate DFIT.

TMK UP ULTRA™ FJ
Technical Data Sheet

4.000 in

10.80 lbs/ft

P-110

Tubular Parameters

Size	4.000	in	Minimum Yield	110,000	psi
Nominal Weight	10.80	lbs/ft	Minimum Tensile	125,000	psi
Grade	P-110		Yield Load	338,000	lbs
PE Weight	10.46	lbs/ft	Tensile Load	384,000	lbs
Wall Thickness	0.262	in	Min. Internal Yield Pressure	12,600	psi
Nominal ID	3.476	in	Collapse Pressure	11,100	psi
Drift Diameter	3.351	in			
Nom. Pipe Body Area	3.077	in ²			

Connection Parameters

Connection OD	4.000	in
Connection ID	3.467	in
Make-Up Loss	3.766	in
Critical Section Area	1.927	in ²
Tension Efficiency	62.6	%
Compression Efficiency	62.6	%
Yield Load In Tension	212,000	lbs
Min. Internal Yield Pressure	12,600	psi
Collapse Pressure	11,100	psi

Make-Up Torques

Min. Make-Up Torque	3,600	ft-lbs
Opt. Make-Up Torque	4,000	ft-lbs
Max. Make-Up Torque	4,400	ft-lbs
Yield Torque	6,400	ft-lbs



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779, Denver, CO, 80217	8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E Meridian: S	9. API NUMBER: 43019314150000
9. FIELD and POOL or WILDCAT: UNDESIGNATED	COUNTY: GRAND
9. API NUMBER: 43019314150000	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: 9/23/2014	<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 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="CEMENT SQUEEZE"/>

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

ANADARKO E&P ONSHORE, LLC IS REQUESTING TO DO A CEMENT SQUEEZE ON THE SUBJECT WELL. ATTACHED ARE THE PROCEDURES FOR THE CEMENT SQUEEZE. 09/22/2014 VERBAL APPROVAL FROM DUSTIN DOUCET WAS GIVEN TO JOEL MALEFYT TO GO AHEAD WITH THE PROCEDURE.

Approved by the
 October 10, 2014
 Oil, Gas and Mining

Date: _____

By: Dustin Doucet

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 9/22/2014	

Name: Cedar Camp #1-1-16-22
Location: NE NE Sec 1, T16S, R22E
Grand County, UT
LAT: 39.450507 **LONG:** -109.433194
Date: 9/22/2014

ELEVATIONS: 7,596' GL 7,620' KB

TOTAL DEPTH: 10,560' **PBTD:** 10,511'
SURFACE CASING: 9 5/8", 36# K-55 ST&C @ 1,097'
PRODUCTION CASING: 5 1/2", 17#, P-110 LT&C @ 10,555'
Marker Joints: 9434.5-9457'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
5 1/2" 17# P-110	10,640	7,460	4.767"	0.0232	0.9764
2 3/8" by 5 1/2" Annulus				0.0178	0.7463

FORMATION TOPS: (Estimated)

TOP	DEPTH (MD)
WASATCH	1,436
MESAVERDE	3,066
CASTLEGATE	5,170
MANCOS	5,891
DAKOTA SILT	8,828
DAKOTA	8,921
CEDAR MTN	9,030
ENTRADA	9,690

T.O.C. @ 4890' as per Casedhole Solution's CBL dated 3/7/2014

RELEVANT HISTORY:

5/6/05 – Swab well dry, perforate Wingate 10213-10218'. Breakdown perfs @ 3700 psi, ISIP = 800 psi. Swab tested. No Commercial Gas. Set CIBP @ 9890'.

5/10/05 – Perforated Entrada 9827-9832'. Break down perfs @ 3500 psi. Swab tested; signs of gas.

5/16/05 – Frac Entrada perfs 9827'-9832' w/ 106 tons CO₂, 288 bbs fresh, 1500 # 100 mesh, 50280# of 20/40. Flowback.

5/23/05 - RIH w/ 2-3/8 N-80 tbg. Tag fill @ 9837'. Land tbg @ 9805'.

3/10/14 - Control well, unland & POOH w/ P110 tbg, RIH w/ gauge ring to 9815', set CIBP @ 9800'. Dump bail 8 sks cmt on top of CIBP (TOC ~ 9765'). Run temp log from surface to TD. Run CBL. RU stinger and psi test csg to 7450 psi for 30 min, no leaks. UDOGM Rep Bart Kettle witnessed test.

9/11/14 – MIRU; RU 10K isolation across 5K casing head. Pressure test 5.5” prod casing, at ~8,600 psi, pressure fell back to 500 psi. No fluid or pressure release from Bradenhead. Set 2nd CIBP @ 9688'. Re-pressure test prod casing – test still failed. RIH with tbg and packer and isolate casing leak at 3877'-3882'. Run 60 arm caliper log – confirm ~ 2”-8” casing leak at 3866'.

Procedure

1. RU wireline. RIH and set CBP @ ~3880'.
2. RIH with tbg and packer. Set packer @ ~ 3850'.
3. Pump recommended cement squeeze job down tubing into casing leak @ 3866'. Release packer, PU above cement and reverse circulate tubing clean. POOH. WOC.
4. PU mill and RIH and cleanout to CBP @ ~3880'.
5. Pressure test production casing to 500 psi for 15 minutes. Re-squeeze if necessary.
6. Drill out CBP @ 3880' and cleanout to PBTD @ 9688'.
7. Run CBL from PBTD to surface.
8. RDMO – evaluate CBL for next remediation steps or abandonment.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC		8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22	
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217		9. API NUMBER: 43019314150000	
PHONE NUMBER: 720 929-6100 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E 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 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
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/23/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
		<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="CEMENT SQUEEZE"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>The cement squeeze on the subject well has been completed, please see the attached operations summary report.</p>			
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 01, 2014</p>			
NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II	
SIGNATURE N/A	DATE 9/26/2014		

US ROCKIES REGION
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: CEDAR CAMP 1-1-16-22					Spud Date: 3/15/2005			
Project: UTAH-GRAND			Site: CEDAR CAMP 1-1-16-22			Rig Name No: GWS 1/1		
Event: CONST- CAP WELL WORK			Start Date: 9/11/2014		End Date:			
Active Datum: RKB @7,621.00usft (above Mean Sea Level)				UWI: CEDAR CAMP 1-1-16-22				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
9/11/2014	7:00 - 7:15	0.25	COMP	48	A	P		HSM, MOVING RIG
	7:15 - 12:30	5.25	COMP	30	A	P		ROAD RIG FROM NBU 326-4E TO LOCATION
	12:30 - 18:00	5.50	COMP	31	1	P		MIRU, SPOT EQUIP, TALLEY & P/U 79 JNTS 2-3/8 L-80 TBG W/ NOTCHED COLLAR. SWIFN.
9/12/2014	7:00 - 7:15	0.25	COMP	48		P		HSM, P/U TBG
	7:15 - 11:00	3.75	COMP	31	I	P		CONT. TO P/U 2-3/8 L-80 TBG, P/U 278 JNTS, EOT @=8,812' , R/U CIRC EQUIP AND CIRC WELL CLEAN, CIRC WELL
	11:00 - 12:30	1.50	COMP	31	H	P		R/D CIRC EQUIP, POOH W/ TBG STANDING BACK, SWIFWE
9/15/2014	12:30 - 16:00	3.50	COMP	31	I	P		R/D CIRC EQUIP, POOH W/ TBG STANDING BACK, SWIFWE
	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
9/16/2014	7:15 - 16:30	9.25	COMP	30		P		0# ON WELL. R/D FLOOR & TBNG EQUIP. NDBOP. INSTALL X/O SPOOLS & FRAC VALVE. MIRU STINGER FOR FRAC STRING. INSTALL STINGER. PRESSURE TEST STINGER SEAL BETWEEN 5K WELLHEAD & STINGER ASSEMBLY GOOD @ 5000#.
								MIRU HYDRO TEST TRUCK. PRESSURE TEST CSNG BAD. TARGET TEST PRESSURE 8800#. WHILE WALKING UP PRESSURE, IT BROKE BACK FROM 8600# TO 500# INSTANTLY & THEN PRESSURE BLED OFF TO 0# IN 1MIN. SUSPECT PLUG GAVE UP OR POSSIBLE HOLE IN CSNG. RDMO TEST TRUCK.
9/16/2014	7:00 - 7:15	0.25	COMP	48		P		SPEAK W/ ENGINEERING & MAKE PLANS FOR TOMORROW AM.
	7:15 - 13:00	5.75	COMP	30		P		SAFETY = JSA.
								CSNG ON VAC. 0# ON SURFACE. MIRU WIRELINE. P/U & RIH W/ 4.60" GR-JB. T/U @9698'. POOH W/ E-LINE. P/U & RIH W/ 5-1/2" 10K CIBP. SET CIBP@9688'. POOH W/ E-LINE. LOAD CSNG W/ 40BBS FRESH WATER. PRESSURE UP TO 1250# AND START INJECTING FLUID. INJECTING 2BPM @ 1250#. RDMO E-LINE. ND STINGER. R/D FLOOR. ND FRAC VALVE.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud Date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig Name No: GWS 1/1

Event: CONST- CAP WELL WORK

Start Date: 9/11/2014

End Date:

Active Datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	13:00 - 18:00	5.00	COMP	31	I	P		<p>NUBOP. R/U FLOOR & TBNG EQUIP. P/U & RIH W/ 5-1/2" TEST PACKER + 156JTS 2-3/8" L-80 TBNG. SET PCKR @4965'. TEST ABOVE PCKR BAD @1000#. TEST BELOW PACKER GOOD @1500#. BEGIN MOVING AROUND TOOLS W/ MULTIPLE SETTINGS. ALL REMAINING GOOD TESTS @1500#. ALL BAD TESTS WOULD NOT PRESSURE UP OVER 1000#.</p> <p>#2 SETTING @3696'. TEST ABOVE PCKR GOOD. BELOW PCKR BAD.</p> <p>#3 SETTING @4331'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD.</p> <p>#4 SETTING @4014'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD.</p> <p>#5 SETTING @3887'. TEST ABOVE PCKR GOOD. BELOW PCKR BAD.</p> <p>#6 SETTING @3950'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD.</p> <p>#7 SETTING @3919'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD.</p> <p>HOLE IS @ +/-3904'. BETWEEN 3887' & 3919'. RELEASE TOOLS POOH W/ TBNG & PCKR. L/D PACKER. SWIFN.SDFN. INFORM SUPERVISION OF FINDINGS.</p>
9/17/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 15:00	7.75	COMP	31	I	P		0# ON WELL. P/U & RIH W/ 5-1/2" PACKER & 124JTS 2-3/8" L-80 TBNG. TEST MULTIPLE SETTINGS AND NARROW DOWN HOLE IN CSNG TO 5' INTERVAL. HOLE IS BETWEEN 3877' & 3882'. RELEASE TOOLS. POOH W/ TBNG. L/D TOOLS. SWIFN. SDFN. WAIT ON WIRELINE FOR CALIPER LOG TOMORROW AM.
9/18/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 15:00	7.75	COMP	34		P		0# ON WELL. MIRU WIRELINE. P/U & RIH W/ CALIPER LOGGING TOOLS. RUN CALIPER LOG FROM 4400' TO 3400'. HOLE FOUND @ 3867'. REPORT FINDINGS TO ENGINEERING. POOH W/ WIRELINE TOOLS. L/D TOOLS. RDMO WIRELINE. SWIFN.SDFN. WAIT ON ORDERS.
9/19/2014	7:00 - 15:00	8.00	COMP	30				STAND BY. WAIT ON DECISION.
9/22/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 10:00	2.75	COMP	31	I	P		0# ON WELL. P/U & RIH W 5-1/2" PACKER + 120JTS 2-3/8" L-80 TBNG. SET PACKER @3824'. TOP OF SQUEEZE HOLES @3877'. LOAD CSNG W/ 15BBLs FRESH WATER. P/T CSNG & PACKER GOOD @ 500# (NO COMMUNICATION OR LEAK OFF. INSTALL TBNG SWIVEL. WAIT ON CMT.
	10:00 - 11:15	1.25	COMP	46	C	W		WAIT ON CMT SERVICES. ROADS VERY SLICK & MUDDY DUE TO RAIN. CMT EQUIP HAD TO CHAIN UP.

US ROCKIES REGION

Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud Date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig Name No: GWS 1/1

Event: CONST- CAP WELL WORK

Start Date: 9/11/2014

End Date:

Active Datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	11:15 - 15:00	3.75	COMP	51	C	P		<p>HSM W/ CMT CREW. MIRU CMT CREW. PRESSURE TEST CMT PUMP LINES GOOD @ 3000#.</p> <p>-OPEN UP TBNG. EST INJECTION RATE OF 1BPM @ 1100# W/ 20BBLS FRESH WATER.</p> <p>-PUMP 90SX NEAT "G" CMT. STAGE IN W/ LAST 4BBLS CMT. DISPLACE W/ TOTAL OF 14BBLS FRESH WATER (ENDING PUMP PRESSURE @ 1600#).</p> <p>-LEAVE 1BBL CMT INSIDE OF TBNG. RELEASE PACKER. REVERSE CIRC W/ 25BBLS FRESH WATER UNTIL ALL RETURNS VERY CLEAN.</p> <p>-PUH 10' W/ TBNG & RE-SET PACKER. PRESSURE UP TBNG TO 1000# & SHUT IN TBNG. PRESSURE UP CSNG TO 500# & SHUT IN.</p>
9/23/2014	7:00 - 7:15	0.25	COMP	48		P		<p>RDMO CMT CREW. SWIFN.SDFN. SAFETY = JSA.</p>
	7:15 - 16:30	9.25	COMP	31	I	P		<p>SICP= 500#. SITP= 700#. BLOW DOWN WELL TO FLAT TANK. RELEASE PACKER. RIH & T/U @3830'. POOH W/ 120 JTS TBNG & PCKR. L/D PCKR. P/U & RIH W/ 4-3/4" BIT + 120JTS 2-3/8" L-80 TBNG. T/U ON CMT @ 3830'. R/U POWER SWIVEL. BREAK REV CIRC. D/O CMT & FALL THRU @3879'. CIRC UNTIL FLUID CLEAN.</p> <p>PRESSURE TEST CSNG GOOD @ 1000# W/ NO VISIBLE PRESSURE LOSS.</p> <p>R/D POWER SWIVEL. CONT RIH W/ TOTAL OF 280JTS. EOT @8908'. CIRC BOTTOMS UP (ALL FLUID CLEAN). LAND TBNG ON HANGER. R/D FLOOR & TBNG EQUIP. NDBOP. NUWH. RACK OUT EQUIP. PREP FOR RDMOL IN AM.</p> <p>TBNG LANDED AS FOLLOWS:</p> <p>KB= 24.00' HANGER= .83' 280JTS 2-3/8" L-80 Y-BND TBNG = 8881.63' XN / BIT SUB & 4-3/4" ROCK BIT = 2.20' EOT @8908.66'</p>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC	9. API NUMBER: 43019314150000
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217	PHONE NUMBER: 720 929-6100 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED
	COUNTY: GRAND
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/31/2014	<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.

ANADARKO E&P ONSHORE, LLC, is requesting a one year shut-in extension to 12/31/2015 for the CEDAR CAMP 1-1-16-22. A recompleat was just completed on this well 12/30/2014 and we would like to evaluate the well economics based on the result of the recent recompleat and allow for milder weather conditions in later spring. The MANCOS B perms are open to surface, a CBP @ 6104, and the well is shut in at the master valve. We are currently moving equipment off location. There is no reserve pit on location. This well will be monitored on a quarterly basis.

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

Date: January 29, 2015

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 12/31/2014	



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 43019314150000

Well Completion Report should be submitted ASAP for recompletion work.

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

<p>1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____</p> <p>b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ LATS <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTR <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER RECOMPLETE</p> <p>2. NAME OF OPERATOR: ANADARKO E&P ONSHORE LLC</p> <p>3. ADDRESS OF OPERATOR: P.O. Box 173779 CITY Denver STATE Co ZIP 82017</p> <p>4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NENE 550 FNL 750 FEL AT TOP PRODUCING INTERVAL REPORTED BELOW AT TOTAL DEPTH:</p>	<p>5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT or CA AGREEMENT NAME</p> <p>8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22</p> <p>9. API NUMBER: 43-019-31415</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 1 16S 22E SLB</p> <p>12. COUNTY GRAND</p> <p>13. STATE UTAH</p>
--	--

14. DATE SPURRED: 2/28/2005	15. DATE T. D. REACHED: 3/25/2005	16. DATE COMPLETED: 12/13/2014	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 7621 RKB
18. TOTAL DEPTH: MD 10560 TVD	19. PLUG BACK T.D. MD 10511 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY 3	21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL			23. WAS WELL CORED? NC <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NC <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NC <input checked="" type="checkbox"/> YES <input type="checkbox"/> (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
LINER	4" P 110	10.8	24	8811					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	5992							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) MANCOS B					5992 6036	0.28	84	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) MN 34					7942 7957	0.28	90	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C) LOWER BLUE GATE					8292 8329	0.28	90	Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
12/12/2014, 5992-6036	2,433 BBLs CROSSLINK GEL & 247,360 LBS 30/50 SAND
11/23/2014, 7942-7957	4,199 BBLs CROSSLINK GEL & 198,398 LBS 40/70 SAND
11/02/2014, 8292-8329	2,014 BBLs CROSSLINK GEL & 106,825 LBS 40/70 SAND

<p>29. ENCLOSED ATTACHMENTS:</p> <p><input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGICAL REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY</p> <p><input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICAT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER:</p>	<p>30. WELL STATUS: SHUT-IN</p>
--	--

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 11/3/2014		TEST DATE:		HOURS TESTED: 24		TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD: VENTED
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

VENTED/FLARED

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)
				WASATCH	1436
				MESAVERDE	3066
				CASTLEGATE	5170
				MANCOS	5891
				DAKOTA SILT	8828
				DAKOTA	8921
				CEDAR MTN	9030
				ENTRADA	9690

35. ADDITIONAL REMARKS (Include plugging procedures)

3 STAGES COMPLETED. THE FOLLOWING PLUGS REMAIN IN THE WELLBORE: 6104'-CBP, 8030'-CBP, 8360'-CIBP, 9688'-CIBP W/CMT. CAP, 9765'-CIBP W/CMT CAP. THEMANCOS B IS THE ONLY ZONE THAT THE PERFS ARE OPEN. ALL OTHER PERFS ARE UNDER A PLUG. NOTE PERF INTERVALS IN THE OPERATIONS SUMMARY DIFFER FROM THE PROCEDURE PERFS DUE TO THE NEW CCL IN THE 4" PRODUCTION LINER. ALL GAS THAT WAS PRODUCED VENTED TO THE TANK WHEN VOLUMES TOO LOW TO RUN THE TEST SEPARATOR OR FLARED. 11/08/2014 FIRST FLARED GAS VOLUME WAS 6.0 MCF. 12/30/2014 THE WELL WAS SHUT-IN FOR THE WINTER.

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

NAME (PLEASE PRINT) Doreen Green

TITLE Regulatory Analyst II

SIGNATURE _____

DATE 1/19/2015

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

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
9/11/2014	7:00 - 7:15	0.25	COMP	48	A	P		HSM, MOVING RIG
	7:15 - 12:30	5.25	COMP	30	A	P		ROAD RIG FROM NBU 326-4E TO LOCATION
	12:30 - 18:00	5.50	COMP	31	1	P		MIRU, SPOT EQUIP, TALLEY & P/U 79 JNTS 2-3/8 L-80 TBG W/ NOTCHED COLLAR. SWIFN.
9/12/2014	7:00 - 7:15	0.25	COMP	48		P		HSM, P/U TBG
	7:15 - 11:00	3.75	COMP	31	I	P		CONT. TO P/U 2-3/8 L-80 TBG, P/U 278 JNTS, EOT @=8,812' , R/U CIRC EQUIP AND CIRC WELL CLEAN, CIRC WELL
	11:00 - 12:30	1.50	COMP	31	H	P		
	12:30 - 16:00	3.50	COMP	31	I	P		R/D CIRC EQUIP, POOH W/ TBG STANDING BACK, SWIFWE
9/15/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 16:30	9.25	COMP	30		P		0# ON WELL. R/D FLOOR & TBNG EQUIP. NDBOP. INSTALL X/O SPOOLS & FRAC VALVE. MIRU STINGER FOR FRAC STRING. INSTALL STINGER. PRESSURE TEST STINGER SEAL BETWEEN 5K WELLHEAD & STINGER ASSEMBLY GOOD @ 5000#.
								MIRU HYDRO TEST TRUCK. PRESSURE TEST CSNG BAD. TARGET TEST PRESSURE 8800#. WHILE WALKING UP PRESSURE, IT BROKE BACK FROM 8600# TO 500# INSTANTLY & THEN PRESSURE BLED OFF TO 0# IN 1MIN. SUSPECT PLUG GAVE UP OR POSSIBLE HOLE IN CSNG. RDMO TEST TRUCK.
								SPEAK W/ ENGINEERING & MAKE PLANS FOR TOMORROW AM.
9/16/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 13:00	5.75	COMP	30		P		CSNG ON VAC. 0# ON SURFACE. MIRU WIRELINE. P/U & RIH W/ 4.60" GR-JB. T/U @9698'. POOH W/ E-LINE. P/U & RIH W/ 5-1/2" 10K CIBP. SET CIBP@9688'. POOH W/ E-LINE. LOAD CSNG W/ 40BBL FRESH WATER. PRESSURE UP TO 1250# AND START INJECTING FLUID. INJECTING 2BPM @ 1250#. RDMO E-LINE. ND STINGER. R/D FLOOR. ND FRAC VALVE.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	13:00 - 18:00	5.00	COMP	31	I	P		<p>NUBOP. R/U FLOOR & TBNG EQUIP. P/U & RIH W/ 5-1/2" TEST PACKER + 156JTS 2-3/8" L-80 TBNG. SET PCKR @4965'. TEST ABOVE PCKR BAD @1000#. TEST BELOW PACKER GOOD @1500#. BEGIN MOVING AROUND TOOLS W/ MULTIPLE SETTINGS. ALL REMAINING GOOD TESTS @1500#. ALL BAD TESTS WOULD NOT PRESSURE UP OVER 1000#.</p> <p>#2 SETTING @3696'. TEST ABOVE PCKR GOOD. BELOW PCKR BAD. #3 SETTING @4331'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD. #4 SETTING @4014'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD. #5 SETTING @3887'. TEST ABOVE PCKR GOOD. BELOW PCKR BAD. #6 SETTING @3950'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD. #7 SETTING @3919'. TEST ABOVE PCKR BAD. BELOW PCKR GOOD.</p> <p>HOLE IS @ +/-3904'. BETWEEN 3887' & 3919'. RELEASE TOOLS POOH W/ TBNG & PCKR. L/D PACKER. SWIFN.SDFN. INFORM SUPERVISION OF FINDINGS.</p>
9/17/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 15:00	7.75	COMP	31	I	P		0# ON WELL. P/U & RIH W/ 5-1/2" PACKER & 124JTS 2-3/8" L-80 TBNG. TEST MULTIPLE SETTINGS AND NARROW DOWN HOLE IN CSNG TO 5' INTERVAL. HOLE IS BETWEEN 3877' & 3882'. RELEASE TOOLS. POOH W/ TBNG. L/D TOOLS. SWIFN. SDFN. WAIT ON WIRELINE FOR CALIPER LOG TOMORROW AM.
9/18/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 15:00	7.75	COMP	34		P		0# ON WELL. MIRU WIRELINE. P/U & RIH W/ CALIPER LOGGING TOOLS. RUN CALIPER LOG FROM 4400' TO 3400'. HOLE FOUND @ 3867'. REPORT FINDINGS TO ENGINEERING. POOH W/ WIRELINE TOOLS. L/D TOOLS. RDMO WIRELINE. SWIFN.SDFN. WAIT ON ORDERS.
9/19/2014	7:00 - 15:00	8.00	COMP	30				STAND BY. WAIT ON DECISION.
9/22/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 10:00	2.75	COMP	31	I	P		0# ON WELL. P/U & RIH W 5-1/2" PACKER + 120JTS 2-3/8" L-80 TBNG. SET PACKER @3824'. TOP OF SQUEEZE HOLES @3877'. LOAD CSNG W/ 15BBLs FRESH WATER. P/T CSNG & PACKER GOOD @ 500# (NO COMMUNICATION OR LEAK OFF. INSTALL TBNG SWIVEL. WAIT ON CMT.
	10:00 - 11:15	1.25	COMP	46	C	W		WAIT ON CMT SERVICES. ROADS VERY SLICK & MUDDY DUE TO RAIN. CMT EQUIP HAD TO CHAIN UP.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:15 - 15:00	3.75	COMP	51	C	P		<p>HSM W/ CMT CREW. MIRU CMT CREW. PRESSURE TEST CMT PUMP LINES GOOD @ 3000#.</p> <p>-OPEN UP TBNG. EST INJECTION RATE OF 1BPM @ 1100# W/ 20BBLS FRESH WATER.</p> <p>-PUMP 90SX NEAT "G" CMT. STAGE IN W/ LAST 4BBLS CMT. DISPLACE W/ TOTAL OF 14BBLS FRESH WATER (ENDING PUMP PRESSURE @ 1600#).</p> <p>-LEAVE 1BBL CMT INSIDE OF TBNG. RELEASE PACKER. REVERSE CIRC W/ 25BBLS FRESH WATER UNTIL ALL RETURNS VERY CLEAN.</p> <p>-PUH 10' W/ TBNG & RE-SET PACKER. PRESSURE UP TBNG TO 1000# & SHUT IN TBNG. PRESSURE UP CSNG TO 500# & SHUT IN.</p>
9/23/2014	7:00 - 7:15	0.25	COMP	48		P		RDMO CMT CREW. SWIFN.SDFN. SAFETY = JSA.
	7:15 - 16:30	9.25	COMP	31	I	P		<p>SICP= 500#. SITP= 700#. BLOW DOWN WELL TO FLAT TANK. RELEASE PACKER. RIH & T/U @3830'. POOH W/ 120 JTS TBNG & PCKR. L/D PCKR. P/U & RIH W/ 4-3/4" BIT + 120JTS 2-3/8" L-80 TBNG. T/U ON CMT @ 3830'. R/U POWER SWIVEL. BREAK REV CIRC. D/O CMT & FALL THRU @3879'. CIRC UNTIL FLUID CLEAN.</p> <p>PRESSURE TEST CSNG GOOD @ 1000# W/ NO VISIBLE PRESSURE LOSS.</p> <p>R/D POWER SWIVEL. CONT RIH W/ TOTAL OF 280JTS. EOT @8908'. CIRC BOTTOMS UP (ALL FLUID CLEAN). LAND TBNG ON HANGER. R/D FLOOR & TBNG EQUIP. NDBOP. NUWH. RACK OUT EQUIP. PREP FOR RDMOL IN AM.</p> <p>TBNG LANDED AS FOLLOWS:</p> <p>KB= 24.00' HANGER= .83' 280JTS 2-3/8" L-80 Y-BND TBNG = 8881.63' XN / BIT SUB & 4-3/4" ROCK BIT = 2.20' EOT @8908.66'</p>
10/13/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 11:00	3.75	COMP	30	G	P		ROAD RIG TO LOCATION.
	11:00 - 12:00	1.00	COMP	30	A	P		MIRU.
	12:00 - 16:00	4.00	COMP	31	I	P		<p>0# ON WELL. NDWH. NUBOP. R/U FLOOR & TBNG EQUIP. UN-LAND TBG. POOH W/ 280 JTS 2-3/8' L-80 TBG. L/D BIT & BIT SUB. W/O WIRELINE.</p> <p>SWIFN.SDFN.</p>
10/14/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 12:00	4.75	COMP	34	D	P		0# ON WELL. MIRU WIRELINE. P/U & RIH W/ DUMP BAILER & CMT. 4 RUNS MADE. 2SX NEAT "G" CMT EACH RUN FOR A TOTAL OF 8SX SPOTTED ON CIBP @9688'. POOH W/ WIRELINE. RDMO WIRELINE.
	12:00 - 15:30	3.50	COMP	30		P		R/D FLOOR & TBNG EQUIP. X/O 2-3/8" PIPE RAMS FOR NEW 4" PIPE RAMS FOR RIH W/ 4" UFJ CSNG. NDBOP. INSTALL NEW 4" X 10K WELLHEAD W/ X/O'S. NUBOP. PREP TO SPOT IN CSNG TOMORROW A.M.
10/15/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 15:00	7.75	COMP	30		P		SET UP PIPE RACKS. OFF LOAD 4" UFJ CSNG. REMOVE THREAD PROTECTORS. CLEAN & DRIFT CSNG. PREP RIG & EQUIP TO RIH W/ CSNG IN THE AM. WELD ON FLOAT SHOE. SDFN.
10/16/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	COMP	30		P		0# ON WELL. MIRU CSNG CREW. MIRU P/U MACHINE (PIPE TRIPPER). P/U 1ST JT OF CSNG & SET PIPE TORQUE REQUIREMENT AS PER CSNG REP ON LOCATION. TORQUE SETTING @ 4000 PSI.
	9:00 - 14:30	5.50	COMP	31	I	P		TALLY + P/U & RIH W/ 40JTS 4" UFJ CSNG AS PER CSNG REP ON LOCATION. CSNG TONGS BROKE DOWN.
	14:30 - 15:30	1.00	COMP	46	E	Z		TRY TO REPAIR TONGS (NO LUCK). TRY TO USE SECOND SET OF TONGS & THE TORQUE READINGS WERE NOT WORKING PROPERLY. RDMO CSNG CREW & INSTRUCT THEM TO REPAIR EQUIP & BE BACK IN THE A.M. SWIFN. SDFN.
10/17/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA W/ ALL ON LOCATION.
	7:15 - 18:00	10.75	COMP	31		P		0# ON WELL. MIRU CSNG CREW. SET TORQUE & KICK OUTS ON TONGS. CONT RIH W/ 4" UFJ CSNG AS PER CSNG REP. RIH W/ 146JTS TODAY. TOTAL CSNG IN THE HOLE = 186JTS. 28JTS LEFT TO RIH TOMORROW A.M. SWIFN. SDFN.
10/18/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 10:00	2.75	COMP	31	I	P		0# ON WELL. CONT RIH W/ 4" UFJ CSNG. LAND CSNG ON HANGER AS FOLLOWS: KB = 24.00' HANGER= 1.67' X/O 4" UFJ X 4"LTC =1.75' 214JTS 4" 10.8# UFJ CSNG =8782.36' 4" FLOAT SHOE= 1.17' EOC @ 8810.87' TWO SHORT JTS INSTALLED IN THE CSNG STRING. TOP OF SHORT JTS @3824.40' & @ 6932.80'.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	10:00 - 13:00	3.00	COMP	51	C	P		HSM W/ CMT CREW. MIRU CMT SERVICES. P/T PUMP LINES GOOD @ 5000#. BREAK CIRC W/ FRESH WATER. PUMP CMT JOB AS FOLLOWS: 120BBLs FRESH WATER AHEAD OF CMT TO CLEAR STRING & FLOAT SHOE. PUMP 338SX (76BBLs) 50/50 POZ CMT @3BPM. DROP WIPER PLUG & DISPLACE W/ 2BBLs CMT & 101BBLs FRESH WATER. BUMP PLUG W/ 4100# LIFT PRESSURE. BLEED OF PRESSURE TO 1400#, FLOAT HOLDING GOOD. SWI W/ 1400#. NO CMT IN RETURNS. RDMO CMT CREW. LEAVE CMT HEAD ON. SWIFWE. SDFWE.
10/19/2014	-							
10/20/2014	-							
10/21/2014	8:00 - 8:15	0.25	COMP	48		P		HSM. PINTCH POINTS.
	8:15 - 12:00	3.75	COMP	31	I	P		SICP = 1300 PSI. BLEED WELL OFF. OPEN WELL. PU 31/4 DRAG BIT, X OVER T/ 23/8 TBG. RIH W/ 266 JTS 23/8 TBG. TAG CMT @ 8435'. = 106' RAT HOLE.
	12:00 - 13:00	1.00	COMP	31	H	P		RU PUMP & LINES. BRK CONV CIRC. CIRC WELL CLEAN W/ 86 BBL.
	13:00 - 17:00	4.00	COMP	31	I	P		POOH LD 200 JTS 23/8 TBG. EOT @ 2089'. SWIFN.
10/22/2014	6:45 - 7:00	0.25	COMP	48		P		HSM.
	7:00 - 12:00	5.00	COMP	31	I	P		SICP = 0 PSI. OPEN WELL. CONT POOH LD 66 JTS 23/8 TBG & XOVER W/ 31/4 DRAG BIT. ND BOP. NU 10K FRAC VALVE. FILL WELL BORE. RDMO RIG. ROAD RIG T/ KELLY CANYON WELL.
10/23/2014	-							
10/24/2014	6:45 - 7:00	0.25	COMP	48		P		HSM.
	7:00 - 15:00	8.00	COMP	35	E	P		OPEN WELL 0 PSI. MIRU CASED HOLE WL. PU CBL LOGGING TOOLS. RIH TAG CMT @ 8393'. LOG 200' NO PSI PASS. RIH T/ 8393' ATTM T/ LOG W/ 1500 PSI ON WELL. GREASE HEAD LEAKING. COULD NOT HOLD PSI. NO RUBBER IN GREASE HEAD CONECTION. POOH T/ 4500'. WL HIGH STRANDED. LIFT GREASE HEAD. CUT OUT BAD SPOT. TIE WL TOGETHER. CONT POOH. LD LOGGING TOOLS & MAKE REPAIRS T/ WL & INSTALL RUBBER IN GREASE HEAD CONECTION. RIH T/ 8393'. PRESSURE UP ON WELL T/ 1500 PSI. BEG CBL LOG. LOG F/ 8393' T/ SURFACE. PU 4" CIBP. RIH SET CIBP @ 8360'. POOH. PSI TEST CSG & FRAC VALVE T/ 8800 PSI. HELD FOR 15 MIN. LOST 61 PSI. GOOD TEST. BLEED OFF PSI. RDMO CAMERON TEST TRUCK.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	15:00 - 16:30	1.50	COMP	34	H	P		PU 2- 2 1/2" X 2', 12 GM, 6 SPF GUNS. RIH PERF F/ 8297' - 99', 6 SPF = 12 HOLES. 8290'-92', 6 SPF = 12 HOLES. 24 TOTAL HOLE SHOT. POOH. RDMO CASED HOLE WL.
	16:30 - 20:00	3.50	COMP	33	I	P		MIRU DELSCO SL TRUCK. PU & RIH W/ D-FIT GAUGES. SET GAUGES @ 8280'. MIRU BAKER HUGES PUMP TRUCK. OPEN WELL 0 PSI. PUMP 3 BBLS T/ FILL & BRK. BRK @ 4000 PSI. PUMP 20 BBLS @ 1.8 BPM. SD. 5 MIN ISIP = 2082 PSI, 10 MIN ISIP = 2057 PSI, 15 MIN ISIP = 2057 PSI. SWI. RDMO BAKER HUGES PUMP TRUCK. SDFN.
10/25/2014	-							
10/26/2014	-							
10/27/2014	6:45 - 7:00	0.25	COMP	48		P		HSM
	7:00 - 12:00	5.00	COMP	33	1	P		SPOT TEST SEP & FLARE STACK. RU FLOW LINES.
10/28/2014	-							
10/29/2014	10:00 - 11:00	1.00	COMP	30	G	P		ROAD RIG F/ THREE PINES LOC.
	11:00 - 15:00	4.00	COMP	30	A	P		POOH W/ D-FIT GAUGES. RDMO DELSCO SL TRUCK. MIRU RIG & SPOT EQUIP.
10/30/2014	-							
10/31/2014	8:45 - 9:00	0.25	COMP	48		P		HSM.
	9:00 - 12:00	3.00	COMP	37	B	P		SICP = 750 PSI. MIRU CASED HOLE WL. PU 1 2 1/2" GUN, 12 GM, 6 SPF. RIH PERF 11' GUN F/ 8333'- 44', 6 SPF, 66 HOLES. POOH. RDMO CASED HOLE WL. SWI. WAIT FOR FRAC COMP.
11/1/2014	-							
11/2/2014	7:00 - 7:15	0.25	COMP	48		P		HSM. HIGH PSI LINES.
	7:15 - 14:30	7.25	COMP	36	F	P		MIRU NABORS FRAC CREW. PSI TEST FRAC LINES T/ 9048 PSI. HELD FOR 15 MIN. LOST 120 PSI. GOOD TEST. BLEED OFF PSI. 13:53, OPEN WELL = 164 PSI. FRAC STG 1) BRK @ 3959 PSI @ 3 BPM. PUMP 106,825# 40/70 SAND. NOTE = THIS WAS LINEAR & X-LINKED GEL FRAC. SHUT DOWN ISIP = 2431 PSI, FG = .73. 5 MIN ISIP = 2326 PSI. 10 MIN ISIP = 2282 PSI. 15 MIN ISIP = 2267 PSI. SWI. RDMO NABORS FRAC SERV.
	14:30 - 17:30	3.00	COMP	34	I	P		MIRU CASED HOLE WL. PU 4" MAGNUM 10K CBP. RIH SET CBP @ 8230'. POOH RDMO CASED HOLE.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	17:30 - 19:00	1.50	COMP	30	F	P		BLEED OFF PSI. ND FRAC VALVE. NU BOP. RU TBG EQUIP. SWIFN.
11/3/2014	6:45 - 7:00	0.25	COMP	48		P		HSM. STAY OFF FLOOR WHILE POWER SWIVEL IS TURNING.
	7:00 - 12:00	5.00	COMP	31	I	P		OPEN WELL 0 PSI. RU TBG EQUIP. PU 31/4 BIT, X-OVER. RIH W/ 259 JTS 23/8 TBG. TAG SAND @ 8215'.
	12:00 - 18:00	6.00	COMP	44	C	P		RU DRL EQUIP. PSI TEST BOP T/ 3000 PSI. GOOD TEST. BLEED OFF PSI. BRK CONV CIRC. DRL OUT 15' SAND & 4" MAGNUM CBP @ 8230' IN 20 MIN. 400 PSI INCR. CONT RIH CO T/ 8359'. CIRC WELL. POOH LD EXESS TBG. PU 41/16 TBG HNGR. LAND TBG W/ KB =====> 13.00 4 1/16 HNGR =====> .83 260 JTS 23/8 L-80 ====> 8246.88 P OPEN BS =====> 4.56 EOT @ 8265' ND BOP, NU WH. DROP BALL, PUMP BIT OFF W/ 2000 PSI. OPEN WELL T/ FBT ON 16 CHOCK. SICP - 2200 PSI, FTP - 1650 PSI. TURN WELL OVER T/ FBC. RD RIG. RACK OUT RIG EQUIP. SDFN.
11/4/2014	-							
11/5/2014	-							
11/6/2014	-							
11/7/2014	-							
11/8/2014	-							
11/9/2014	-							
11/10/2014	-							
11/13/2014	5:00 - 8:00	3.00	COMP	30	G	P		CREW TRAVEL TO LOCATION.
	8:00 - 8:15	0.25	COMP	48		P		SAFETY = JSA.
	8:15 - 15:00	6.75	COMP	31	I	P		SICP= 1400#. SITP= 720#. MIRU WORKOVER RIG. CNTRL WELL: BLOW DOWN TBNG IN 26MIN. NO FLUID IN RETURNS. BLOW DOWN CSNG IN 24MIN. NO FLUID IN RETURNS. NDWH. NUBOP. FUNCTION TEST (GOOD). R/U FLOOR & TBNG EQUIP. UN-LAND TBNG. REMOVE TBG HANGER. POOH WHILE STANDING BACK 260JTS 2-3/8" L-80 TBNG.
	15:00 - 16:10	1.17	COMP	34	I	P		HSM W/ WIRELINE. MIRU WIRELINE. P/U & RIH W/ 4" 10K CBP. CORELATE & SET CBP @8030'. POOH W/ WIRELINE. RDMO WIRELINE.
	16:10 - 17:30	1.33	COMP	31	I	P		P/U & RIH W/ 2-3/8" NOTCHED COLLAR & 60JTS 2-3/8" L-80 TBNG. SWIFN. SDFN.
11/14/2014	7:00 - 15:00	8.00	COMP	30		P		ALL HANDS ON SAFETY MEETING IN VERNAL. TOO LATE IN THE DAY TO RETURN TO LOCATION. STAND BY.
11/16/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 14:30	7.25	COMP	31		P		0# ON WELL. CONT RIH W/ 2-3/8" L-80 TBNG. T/U ON 10K CBP @ 8030' W/ 252JTS TBNG. R/U PUMP LINES. CIRC WELLBORE W/ 50BBLs TREATED FLUID. RECOVERED +/- 6BBLs OIL IN RETURN FLUID. DRAIN UP EQUIP & LINES. 2 DEGREES ON LOCATION. L/D 8JTS TBNG NOT NEEDED FOR D/O AFTER FRAC JOB. POOH W/ REMAINDER OF 2-3/8" L-80 TBNG. TOP OFF CSNG W/ TREATED FLUID. NDBOP. NU 10K TEST FLANGE.
	14:30 - 15:00	0.50	COMP	52	F	P		MIRU PRESSURE TEST TRUCK. PRESSURE TEST 4" CSNG GOOD @8600#. LOST 23# IN 15MIN. BLEED OFF PRESSURE. RDMO TEST TRUCK.
	15:00 - 16:30	1.50	COMP	30		P		ND TEST FLANGE. NUBOP. R/U FLOOR & TBNG EQUIP. TARP IN WELL HEAD & TBNG. R/U FLAMELESS HEATER TO PREVENT FREEZE UPS. SWIFN. SDFN
11/17/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	COMP	34	H	P		MIRU WIRELINE. P/U & RIH W/ 2-1/2" PERF GUNS. 12GM, 60 DEG PHASING, 6SPF. TIE INTO 4" CSNG CBL. PERF 7960' - 7975. AS PER PROCEDURE. POOH W/ WIRELINE. RDMO WIRELINE.
	9:00 - 12:30	3.50	COMP	31	I	P		NO CHANGE IN WELL CONDITIONS: FLUID STAYING STATIC IN THE WELL & 0# PRESSURE INCREASE. P/U & RIH W/ 2) 2-3/8" X 2' PERFORATED SUBS (DFIT GUAGES INSTALLED INSIDE SUBS) +250JTS 2-3/8" L-80 TBNG + 2-3/8" X 6' SUB (INSTALLED TO ACHEIVE TARGET PERF DEPTH). LAND TBNG ON HANGER. DFIT GUAGES LANDED @7966.7'. SWIFN. SDFN. DRAIN ALL EQUIPMENT. TARP IN WELLHEAD. R/U & TURN ON FLAMELESS WELLHEAD HEATER.
	12:30 - 15:00	2.50	COMP	46	F	Z		PUMP TRUCK NEEDED TO PUMP DFIT IS NOT AVAILABLE UNTIL TOMORROW MORNING (11/18/14).
11/18/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 9:00	1.75	COMP	40		P		<p>0# ON WELL. MIRU PUMP TRUCK (CMT SERVICE PUMP TRUCK). R/U PUMP LINES ONTO 2-3/8" TBNG. P/T PUMP LINES GOOD @ 9000#. BLEED OFF PRESSURE. HAD TO PRESSURE TEST MULTIPLE TIMES DUE TO MINNOR CONNECTION LEAKS & BAD VALVES. OPEN WELL. PUMP 20BBLS TMAC @ 2BPM AS PER DESIGN IN PROCEDURE. BREAK DOWN AS FOLLOWS:</p> <p>BREAK PERFS: 5200PSI @ 1.6 BPM. W/ 2.3BBLS INTO THE JOB. AVG TREATING PRESSURE = 3400PSI @ 2.3BPM ISIP= 2550PSI. 5MIN = 2100PSI. 10MIN= 2000PSI. 15MIN= 1930PSI.</p> <p>SWI FOR 48HRS MINIMUM. INSTALL PLUGS & NEEDLE VALVES IN ALL EQUIP TO PREVENT POSSIBLE SURFACE LEAKS.SHUT DOWN FOR 48HRS.</p>
11/19/2014	-							
11/20/2014	-							
11/21/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY= JSA.
	7:15 - 10:30	3.25	COMP	31	I	P		SICP= 100#. SITP=400#. BLOW DOWN WELL TO FLOWBACK TANK. CSG SOLID FLUID. TBNG HAD SHORT GAS BLOW THEN TURNED TO FLUID. UN-LAND TBNG. L/D 6JTS 2-3/8" L-80 TBNG NOT NEEDED FOR FIRST PART OF DRILL OUT. POOH W/ REMAINING 244JTS 2-3/8" L-80 TBNG. TURN DFIT GUAGES OVER TO DFIT REP TO RETREIVE DATA. R/D FLOOR & TBNG EQUIP. NDBOP. NUFV.
	10:30 - 13:00	2.50	COMP	30		P		
	13:00 - 16:30	3.50	COMP	52	F	P		MIRU PRESSURE TEST TRUCK. INSTALL 4" TEST HANGER. FILL FRAC VALVE W/ FLUID. MULTIPLE PRESSURE TESTS FAILED. DUE TO BAD FRAC STACK. TRIED MULTIPLE DIFFERENT SOLUTIONS TO REPAIR LEAKS (NO LUCK). WILL REPLACE FRAC STACK & RE-PRESSURE TEST IN THE AM. DRAIN FLUID OUT OF WELLHEAD. DRAIN EQUIP. SWIFN. SDFN.
11/22/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	COMP	30		P		SICP= 600#. BLOW DOWN WELL TO FLOWBACK TANK. SOLID GAS FLOW FOR 10MIN. NO FLUID IN RETURNS.
								R/D FLOOR. ND FRAC VALVE. INSTALL REPLACEMENT VALVE. R/U FLOOR. MIRU PRESSURE TEST TRUCK.
	9:00 - 9:30	0.50	COMP	52	F	P		INSTALL TEST HANGER. PRESSURE TEST FRAC VALVE GOOD @ 8800#. LOST 400# IN 15MIN. LESS THAN 10% THRESHOLD REQUIREMENT. BLEED OFF PRESSURE. RDMO P/T TRUCK.
	9:30 - 13:00	3.50	COMP	46	E	Z		W/O FRAC CREW. BLENDER BROKE DOWN WHILE ROADING TO LOCATION.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	13:00 - 16:00	3.00	COMP	36	F	P		MIRU FRAC CREW. PREP TO FRAC TOMORROW A.M. PUMP TIME SCHEDULED FOR 07:00 HRS.
11/23/2014	7:00 - 8:45	1.75	COMP	36	F	P		INSTALL RESTRAINTS AFTER RIG CREW OFF LOCATION. SWIFN.SDFN. HSM W/ FRAC CREW. P/T FRAC LINES GOOD @ 10,000 PSI. LOST 997PSI IN 15MIN. OPEN WELL @08:19 W/ 730PSI. LOAD & BREAK WELL @ 4297PSI @ 5.1BPM. FLUID LEAK WAS NOTICED ON FLUID END OF PUMP. SHUT DOWN PUMPS. INSPECT EQUIPMENT AND FIND PIN HOLE LEAK ON FLUID END OF PUMP. REMOVE PUMP FROM SERVICE & CALL FOR REPLACEMENT PUMP FROM TOWN.
	8:45 - 13:45	5.00	COMP	46	E	Z		WAIT ON REPLACEMENT PUMP FROM TOWN. MIRU REPLACEMENT PUMP.
	13:45 - 17:00	3.25	COMP	36	F	P		PSI TEST FRAC LINES GOOD @9566 PSI. HELD FOR 15 MIN. LOST 950 PSI. BLEED OFF PSI. 14:50HRS OPEN WELL = 979 PSI. FRAC STG 1)BRK @ 4495 PSI @ 11.6 BPM. PUMP 198,398# 40/70 SAND. TOTAL FLUID=4199 BBLS NOTE = THIS WAS LINEAR & X-LINKED GEL FRAC. SHUT DOWN ISIP = 2389 PSI, FG = .73 5 MIN ISIP = 2168 PSI. 10 MIN ISIP = 2124 PSI. 15 MIN ISIP = 2085 PSI. SWI. RDMO NABORS FRAC SERV.
	17:00 - 20:00	3.00	COMP	34	I	P		MIRU WIRELINE. P/U & RIH W/ 4" 8K CBP. SET CBP @ 7900'. POOH W/ WIRELINE. RDMO WIRELINE. SWIFN.SDFN.NOTE: WIRELINE FROZE UP IN LUBRICATOR. HAD TO L/D LUBE & THAWE OUT EQUIP.
11/24/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 8:45	1.50	COMP	30		P		0# ON WELL. R/D FLOOR. NDFV. NUBOP. R/U FLOOR & TBNG EQUIP.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	8:45 - 17:00	8.25	COMP					<p>P/U & RIH W/ 3-1/4" BIT, PUMP OPEN BIT SUB, XN +249JTS 2-3/8" L-80 TBNG. T/U ON CBP (KILL PLUG) @7900'. R/U POWER SWIVEL. LOAD TBNG W/ TMAC. PRESSURE TEST BOP'S GOOD @ 3000#. BREAK CIRC. D/O CBP AS FOLLOWS:</p> <p>CBP @ 7900'. D/O IN 14MIN W/ 600# DIFFERENTIAL PRESSURE. FCP = 100#. CONT RIH W/ TOTAL OF 253JTS TBNG. C/O 10' OF SAND TO ISO PLUG @ 8030'. CIRC WELLBORE CLEAN.</p> <p>R/D POWER SWIVEL. L/D 4JTS TBNG NOT NEEDED FOR PRODUCTION. LAND TBNG ON HANGER. R/D FLOOR & TBNG EQUIP. NDBOP. NUWH. P/T FLOW LINES GOOD @ 3000#. DROP BALL DOWN TBG. PUMP OPEN BIT SUB W/ 1BBLs TMAC @ 2500#. TURN WELL OVER TO FLOWBACK CREW. R/D RIG. RACK OUT ALL EQUIP. PREP FOR RIG MOVE TOMORROW AM. SDFN.</p> <p>TBNG LANDED AS FOLLOWS:</p> <p>KB= 24.00' HANGER= .83' 249JTS 2-3/8" L-80 Y-BND TBG= 7897.64' 1.875" XN, PUMP OPEN BIT SUB W/ 3-1/4" BIT = 3.51' EOT@ 7925.98'</p> <p>RECOVERED 135BBLS FLUID THRU D/O TWLTR = 4,098</p> <p>SICP & SITP = 1875PSI PRIOR TO STARTING FLOWBACK OPERATIONS. OPEN WELL TO FLOWBACK ON #16 CHOKE @ 14:57 HRS.</p>
11/25/2014	-							
11/26/2014	-							
11/27/2014	-							
11/28/2014	-							
11/29/2014	-							
11/30/2014	-							
12/1/2014	11:40 - 14:45	3.08	COMP	42	B	P		<p>SWAB RUN#1: FL: 4000', DEPTH PULLED: 5800'. FLUID RECOVERED = 16 BBLS WTR</p> <p>SWAB RUN #2: FL: 3800', DEPTH PULLED: 5500'; FLUID RECOVERED = 11 BBLS WTR</p> <p>SWAB RUN #3: FL: 4100', DEPTH PULLED: 5600'; FLUID RECOVERED = 9 BBLS WTR</p> <p>SWAB RUN #4: FL: 2700', DEPTH PULLED: 4600'; FLUID RECOVERED = 9 BBLS WTR</p> <p>SWAB RUN #5: FL: 3500', DEPTH PULLED: 5000'; FLUID RECOVERED = 6 BBLS WTR</p>
	-							

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/2/2014	8:00 - 16:00	8.00	COMP	42	B	P		<p>OVERNIGHT PSI BUILDUP = 1210 SICP, 190 SITP. OPEN WELL TO TEST SEP. & FLARE 1 MCF. RU SWAB EQUIP.</p> <p>RUN #1: FL: 1800', SWAB DEPTH: 4000'; FLUID RECOVERED = 8 BBLS WTR</p> <p>RUN #2: FL: 2100', SWAB DEPTH: 4200'; FLUID RECOVERED = 8 BBLS WTR</p> <p>RUN #3: FL: 2500', SWAB DEPTH: 4500'; FLUID RECOVERED = 5.5 BBLS WTR</p> <p>RUN #4: FL: 2800', SWAB DEPTH: 5000'; FLUID RECOVERED = 6.5 BBLS WTR</p> <p>RUN #5: FL: 3400', SWAB DEPTH: 5400'; FLUID RECOVERED = 6.5 BBLS WTR</p> <p>RUN #6: FL: 3600', SWAB DEPTH: 5600'; FLUID RECOVERED = 8 BBLS WTR</p> <p>RUN #7: FL: 3700', SWAB DEPTH: 5700'; FLUID RECOVERED = 8 BBLS WTR</p> <p>RUN #8: FL: 4200', SWAB DEPTH: 6200'; FLUID RECOVERED = 8 BBLS WTR</p> <p>RUN #9: FL: 5200', SWAB DEPTH: 7200'; FLUID RECOVERED = 3.5 BBLS WTR</p> <p>SWIFN FOR PSI BUILDUP. TOTAL GAS FLARED TODAY = 10 MCF. NO SIGNS OF OIL.</p>

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/3/2014	8:00 - 16:00	8.00	COMP	42	B	P		<p>SICP = 975 PSI, SITP = 570 PSI. OPEN WELL TO TEST SEP & FLARED 5 MCF& TBG DROPPED TO 0 PSI. RU SWAB EQP.</p> <p>SWAB RUN #1: FL: 2700'; SWAB DEPTH = 5000', RECOVERED 8 BBLS WTR, 0.25 BBLS OIL.</p> <p>SWAB RUN #2: FL: 3100'; SWAB DEPTH = 5400', RECOVERED 5 BBLS WTR, 0.15 BBLS OIL.</p> <p>SWAB RUN #3: FL: 3300'; SWAB DEPTH = 5700', RECOVERED 5 BBLS WTR, 0.10 BBLS OIL.</p> <p>SWAB RUN #4: FL: 3800'; SWAB DEPTH = 6200', RECOVERED 5 BBLS WTR</p> <p>SWAB RUN #5: FL: 5700'; SWAB DEPTH = 7500', RECOVERED 5 BBLS WTR. SENT WELL THROUGH TEST SEP. AND FLARED 6 MCF UNTIL WELL DIED</p> <p>SWAB RUN #6: FL: 5600'; SWAB DEPTH = 7500', RECOVERED 2.5 BBLS WTR. SENT WELL THROUGH TEST SEP. AND FLARED 4 MCF UNTIL WELL DIED</p> <p>SWAB RUN #7: FL: 5900'; SWAB DEPTH = 7500', RECOVERED 5 BBLS WTR</p> <p>SWAB RUN #8: FL: 6900'; SWAB DEPTH = 7500', RECOVERED 2 BBLS WTR</p> <p>SWAB RUN #9: FL: 6300'; SWAB DEPTH = 7500', RECOVERED 2.5 BBLS WTR</p> <p>SWIFN TO BUILD PSI. TOTAL FLUID RECOVERED = 40 BBLS WTR, 0.5 BBLS OIL. TOTAL FLARED = 14.25 MCF.</p> <p>SITP = 0 PSI, SICP = 300 PSI.</p>
12/4/2014	7:00 - 12:00	5.00	COMP	30	G	P		ROAD RIG FROM NBU 170 TO LOCATION.
	12:00 - 15:30	3.50	COMP	30	A	P		MIRU. TBNG OPEN TO F/B TANK. SICP= 275#. BLOW DOWN WELL TO FLOWBACK TANK. NO FLUID IN RETURNS, GAS ONLY. FUNCTION TEST BOP. NDWH. NUBOP. R/U FLOOR & TBNG EQUIP.
	15:30 - 17:00	1.50	COMP	31	I	P		UN-LAND TBNG. REMOVE HANGER. POOH WHILE L/D 59JTS 2-3/8" L-80 TBNG. STAND BACK 60JTS TBNG. SWIFN.SDFN.
12/5/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 8:00	0.75	COMP	31	I	P		SICP= 950#. SITP= 850#. BLOW DOWN WELL TO FLOWBACK TANK. CONT POOH W/ 2-3/8" L-80 TBNG. TOTAL OF 190JTS STOOD BACK IN THE DERICK.
	8:00 - 9:30	1.50	COMP	34	I	P		HSM W/ WIRELINE. MIRU WIRELINE. P/U & RIH W/ 4" MAGNUM 10K CBP. SET CBP @ 6104'. POOH W/ E-LINE. RDMO E-LINE.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: GWS 1/1
Event: CONST- CAP WELL WORK		Start date: 9/11/2014	End date: 12/30/2014
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:30 - 15:00	5.50	COMP	31	I	P		TIH W/ 193JTS 2-3/8" L-80 TBNG. T/U ON CBP @ 6104'. L/D 1JT TBNG. R/U PUMP LINES. CIRC WELLBORE CLEAN W/ 80BBLS TMAC. GATHER OIL SAMPLES WHILE CIRCULATING. RECOVER 1BBL OIL. L/D 2MORE JTS TBNG NOT NEEDED FOR DFIT. POOH W/ 190JTS TBNG. TOP OFF CSNG W/ TMAC. DRAIN EQUIP. SWIFN. SDFN.
12/6/2014	-							
12/7/2014	-							
12/8/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 8:00	0.75	COMP	52	A	P		MIRU TEST TRUCK. PRESSURE TEST 4" CSNG GOOD @ 8800#. LOST 52# IN 15 MIN. BLEED OFF PRESSURE. RDMO TEST TRUCK.
	8:00 - 9:30	1.50	COMP	34	H	P		MIRU WIRELINE. P/U & RIH W/ 7' X 2-1/2" PERF GUN. 6SPF 12GM. .028". 60 DEG PHASING. PERF CSNG PER 4" CBL @ 6047' - 6054'. POOH W/ TOOLS. RDMO WIRELINE.
	9:30 - 11:00	1.50	COMP	31	I	P		P/U & RIH W/ DFIT GUAGES INSTALLED IN 2-3/8" X 4' PERFORATED SUB + 190JTS 2-3/8" L-80 TBNG. LAND TBNG ON HANGER. EOT LANDED @ 6053'. TOP OF DFIT GUAGES @ 6051'.
	11:00 - 13:00	2.00	COMP	40		P		MIRU PUMP TRUCK (CMT SERVICE PUMP TRUCK). P/T LINES GOOD @ 8000#. NO VISIBLE LEAKS. OPEN WELL. PUMP DFIT AS PER DESIGN W/ 20BBLS TMAC. 0# ON WELL. WELL OPEN @ 11:57HRS. BREAK PERFS: 2000PSI @ 2.1 BPM. W/ 1.2BBLS INTO THE JOB. BROKE BACK TO 1450PSI. AVG TREATING PRESSURE = 1200PSI @ 2.4BPM ISIP= 550PSI. 5MIN = 280PSI. 10MIN = 230PSI. 15MIN = 200PSI. SWI FOR 48HRS MINIMUM. INSTALL PLUGS & NEEDLE VALVES IN ALL EQUIP TO PREVENT POSSIBLE SURFACE LEAKS. RDMO PUMP TRUCK. SHUT DOWN FOR 48HRS.
12/9/2014	-							
12/10/2014	-							
12/11/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	COMP	31	I	P		SICP= 0# SICP= 0#. L/D 4JTS 2-3/8" L-80 TBNG NOT NEEDED TO TAG KILL PLUG. POOH WHILE STANDING BACK REMAINING 186JTS TBNG. REMOVE DFIT GUAGES & 4' PERF SUB.
	9:00 - 10:30	1.50	COMP	34	H	P		MIRU WIRELINE. P/U & RIH W/ 2-1/2" PERF GUN. 6SPF. 12GM .028". 60 DEG PHASING. PERF 4" CSNG @ 6010' - 6017' AS PER PROCEDURE. PERF DEPTHS CORELATED TO 4" CBL. POOH & L/D WIRELINE TOOLS. RDMO WIRELINE.
	10:30 - 11:30	1.00	COMP	30		P		R/D FLOOR & TBNG EQUIP. NDBOP. NUFV.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	11:30 - 13:00	1.50	COMP	52	B	P		HSM W/ PRESSURE TESTER. MIRU TEST TRUCK. INSTALL TBNG HANGER W/ BACK PRESSURE VALVE. P/T FRAC VALVE GOOD @ 8800#. LOST 114# IN 15MIN. BLEED OFF PRESSURE. SWIFN.SDFN. PREP FOR FRAC.
12/12/2014	7:00 - 8:00	1.00	COMP	46	F	P		WAIT ON FRAC CREW TO ARRIVE ON LOCATION. FRAC CREW ROADING TO LOCATION FROM GNB FIELD.
	8:00 - 16:00	8.00	COMP	36	G	P		HSM W/ FRAC CREW & EVERYBODY ON LOCATION. MIRU NABORS FRAC CREW. PSI TEST FRAC LINES GOOD @9566 PSI. HELD FOR 15 MIN. LOST 150 PSI. BLEED OFF PSI. 13:53HRS OPEN WELL = 164 PSI. FRAC STG 1) BRK @ 799 PSI @ 3.1 BPM. PUMP 247,360# 30/50 SAND. TOTAL FLUID= 2433 BBLS NOTE = THIS WAS A X-LINKED GEL FRAC. SHUT DOWN ISIP = 610 PSI, FG = .53 5 MIN ISIP = 581 PSI. 10 MIN ISIP = 574 PSI. 15 MIN ISIP = 552 PSI. SWI. RDMO NABORS FRAC SERV.
	16:00 - 17:45	1.75	COMP	34	I	P		MIRU WIRELINE. P/U & RIH W/ 4" 8K CBP. SET CBP @ 5936'. POOH W/ WIRELINE. BLEED OFF PRESSURE. SWIFN. SDFN. DRAIN EQUIP.
12/13/2014	7:00 - 7:15	0.25	COMP	48		P		SAFETY = JSA. (INCLIMENT WEATHER). CURRENTLY SNOWING.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	7:15 - 16:00	8.75	COMP	31	I	P		<p>SICP= 0#. R/D FLOOR. NDFV. NUBOP. R/U FLOOR & TBNG EQUIP. P/U & RIH W/ 187JTS 2-3/8" L-80 TBNG + 3-1/4" ROCK BIT & PUMP OPEN BIT SUB. T/U ON CBP @ 5936'. R/U POWER SWIVEL & PUMP LINES. BREAK CIRC W/ TMAC. PRESSURE TEST BOP'S & FLOW BACK LINES GOOD @ 3000#. NO VISIBLE LEAKS. BLEED OFF PRESSURE. D/O CBP AS FOLLOWS:</p> <p>CBP @ 5936'. D/O IN 17MIN W/ 50# DIFFERENTIAL PRESSURE. FCP= 5#. CONT RIH W/ TBG. C/O 10' OF SAND TO ISO PLUG @ 6104' W/ TOTAL OF 193JTS TBNG. WELL FLOWING LIGHTLY.</p> <p>MIRU FOAM-AIR UNIT. BREAK CONV CIRCULATION IN 30MIN. CIRC WELL CLEAN. CNTRL TBNG W/ 10BBLS TMAC. L/D 5JTS TBNG NOT NEEDED FOR PRODUCTION. LAND TBNG ON HANGER. NDBOP. NUWH. PRESSURE TEST FLOWLINES GOOD @ 3000#. R/U FOAM-AIR UNIT & PUMP OPEN BIT SUB @ 1700#. RDMO FOAM AIR UNIT. R/D RIG. PREP FOR RIG MOVE IN THE AM.</p> <p>SICP= 280#. SITP= 300#. OPEN WELL TO FLOWBACK @ 15:12HRS. RIG RECOVERED 124BBLS FLUID. TOTAL FLUID PUMPED = 2433 BBLS</p> <p>TBNG LANDED AS FOLLOWS:</p> <p>KB = 24.00' HANGER= .83' 188JTS 2-3/8" L-80 Y-BND TBG= 5961.09' PUMP OPEN SUB W/ 3-1/4" BIT= 3.51' EOT @ 5989.43'</p>
12/14/2014	-							
12/15/2014	15:15 - 18:30	3.25	COMP	42	B	P		<p>WELL DIED. R/U SWAB EQUIP.</p> <p>RUN #1: FL: 600', SWAB DEPTH: 2000'. RECOVERED 6 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #2: FL: 700', SWAB DEPTH: 2400'. RECOVERED 6 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #3: FL: 800', SWAB DEPTH: 2600'. RECOVERED 6 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #4: FL: 900', SWAB DEPTH: 2800'. RECOVERED 6 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #5: FL: 1200', SWAB DEPTH: 3000'. RECOVERED 6 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>SDFN & WELL DIED. SWIFN & APPLY HEAT TO WELLHEAD.</p>

US ROCKIES REGION

Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/16/2014	8:00 - 18:30	10.50	COMP	42	B	P		<p>SWAB RIG WOULD NOT START. DOWN UNTIL 12:00 GETTING IT RUNNING.</p> <p>RUN #1: FL: 700', SWAB DEPTH: 2700'. RECOVERED 15 BBLS WTR; CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #2: FL: 900', SWAB DEPTH: 2900'. RECOVERED 5 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #3: FL: 1400', SWAB DEPTH: 3500'. RECOVERED 5 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #4: FL: 1600', SWAB DEPTH: 3800'. RECOVERED 10 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #5: FL: 1800', SWAB DEPTH: 3800'. RECOVERED 15 BBLS WTR. CSG: 100 PSI, TBG 0 PSI</p> <p>RUN #6: FL: 1600', SWAB DEPTH: 3700'. RECOVERED 5 BBLS WTR. CSG: 40 PSI, TBG 0 PSI</p> <p>RUN #7: FL: 1300', SWAB DEPTH: 3300'. RECOVERED 5 BBLS WTR. CSG: 35 PSI, TBG 0 PSI</p> <p>WELL STARTED FLOWING. FLOWED FOR 3.5 HRS BEFORING DYING. MADE 63 BBLS WHILE FLOWING. TOTAL FLUID RECOVERED TODAY = 190 BBLS.</p>

US ROCKIES REGION

Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: GWS 1/1

Event: CONST- CAP WELL WORK

Start date: 9/11/2014

End date: 12/30/2014

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/17/2014	8:00 - 16:30	8.50	COMP	42	B	P		<p>TBG: 106 PSI; CSG 96 PSI. OPEN WELL TO TANK AND BLOW DEAD. R/U SWAB EQUIP.</p> <p>RUN #1: FL: 600', SWAB DEPTH: 2600'. CSG: 78 PSI, TBG 0 PSI</p> <p>RUN #2: FL: 600', SWAB DEPTH: 2600'. CSG: 69 PSI, TBG 0 PSI.</p> <p>RUN #3: FL: 1000', SWAB DEPTH: 3200'. CSG: 79 PSI, TBG 0 PSI</p> <p>RUN #4: FL: 1600', SWAB DEPTH: 3600'. CSG: 61 PSI, TBG 0 PSI</p> <p>RUN #5: FL:1700', SWAB DEPTH: 4000'. CSG: 52 PSI, TBG 0 PSI</p> <p>RUN #6: FL: 1400', SWAB DEPTH: 3600'. CSG: 50 PSI, TBG 0 PSI</p> <p>RUN #7: FL: 1300', SWAB DEPTH: 3600'. CSG: 49 PSI, TBG 0 PSI</p> <p>RUN #8: FL: 100', SWAB DEPTH: 2000'. CSG: 49 PSI, TBG 0 PSI</p> <p>WELL STARTED FLOWING. FLOWED TO TANK FOR 2 HRS THEN SWITCHED TO TEST SEPARATOR & MADE 71 BBLs BEFORE BLOWING DEAD.</p> <p>RUN #9: FL: 1800', SWAB DEPTH: 3800'. CSG: 86 PSI, TBG 0 PSI</p> <p>RUN #01: FL: 1700', SWAB DEPTH: 3800'. CSG: 94 PSI, TBG 0 PSI</p> <p>SDFN. SWIFN TO BUILD PSI.</p>

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22				Spud date: 3/15/2005				
Project: UTAH-GRAND			Site: CEDAR CAMP 1-1-16-22			Rig name no.: GWS 1/1		
Event: CONST- CAP WELL WORK			Start date: 9/11/2014		End date: 12/30/2014			
Active datum: RKB @7,621.00usft (above Mean Sea Level)				UWI: CEDAR CAMP 1-1-16-22				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
12/18/2014	7:45 - 16:30	8.75	COMP	42	B	P		<p>SITP = 505 PSI; SICP = 165 PSI. OPEN WELL TO TANK & BLOW DEAD. R/U SWAB EQUIP.</p> <p>RUN #1: FL:1600', SWAB DEPTH: 4000'. CSG = 175 PSI, TBG = 0 PSI.</p> <p>RUN #2: FL: 1600', SWAB DEPTH: 4200'. CSG = 155 PSI, TBG = 60 PSI.</p> <p>WELL STARTED FLOWING. SEND WELL THROUGH TEST SEPARATOR FOR 6 HRS AND WELL BLEW DEAD. R/U SWAB EQUIP.</p> <p>RUN #3: FL: 2700', SWAB DEPTH: 4800', CSG = 150 PSI, TBG = 0 PSI.</p> <p>RUN #4: FL: 1800', SWAB DPETH: 3800', CSG = 150 PSI, TBG = 80 PSI.</p> <p>WELL STARTED FLOWING. SEND WELL THROUGH TEST SEPARATOR AND CONTINUE TO MONITOR THROUGH NIGHT.</p> <p>TOTAL FLUID RECOVERED = 200 BBLs WTR. (59% OF FRAC LOAD)</p>
12/19/2014	-							
12/20/2014	-							
12/21/2014	-							
12/22/2014	-							
12/30/2014	7:00 - 12:00	5.00						WELL SHUT IN, HAUL OFF EQUIPMENT

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	CEDAR CAMP 1-1-16-22	Wellbore No.	00
Well Name	CEDAR CAMP 1-1-16-22	Wellbore Name	CEDAR CAMP 1-1-16-22
Report no.	1	Report date	10/24/2014
Project	UTAH-GRAND	Site	CEDAR CAMP 1-1-16-22
Rig Name/No.	GWS 1/1	Event	CONST- CAP WELL WORK
Start date	9/11/2014	End date	
Spud date	3/15/2005	Active datum	RKB @7,621.00usft (above Mean Sea Level)
UWI	CEDAR CAMP 1-1-16-22		

1.3 General

Contractor	DEINES PERFORATING	Job method	PERFORATE	Supervisor	DAVE DANIELS
Perforated Assembly	PRODUCTION LINER	Conveyed method	WIRELINE		

1.4 Initial Conditions

Fluid type		Fluid density	
Surface press.		Estimate res press	
TVD fluid top		Fluid head	
Hydrostatic press.		Press. difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	8,292.0 (usft)-8,329.0 (usft)	Start Date/Time	10/24/2014 12:00AM
No. of intervals	3	End Date/Time	10/31/2014 12:00AM
Total shots	90	Net perforation interval	15.00 (usft)
Avg. shot density	6.00 (shot/ft)	Final surface pressure	
		Final press. date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-TS (usft)	MD top (usft)	MD base (usft)	Shot density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr type /Stage No	Carr size (in)	Phasing (°)	Charge desc. /Charge manufacturer	Charge weight (gram)	Reason	Misrun	How Guns Conveyed
10/24/2014 12:00AM				8,292.0	8,294.0	6.00		0.280	SCALLOP/1	2.500	60.00		12.00	PRODUCTION		

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-TS (usft)	MD top (usft)	MD base (usft)	Shot density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr type /Stage No	Carr size (in)	Phasing (°)	Charge desc. /Charge manufacturer	Charge weight (gram)	Reason	Misrun	How Guns Conveyed
10/24/2014 12:00AM				8,299.0	8,301.0	6.00		0.280	SCALLOP/1	2.500	60.00		12.00	PRODUCTION		
10/31/2014 12:00AM				8,318.0	8,329.0	6.00		0.280	SCALLOP/1	2.500	60.00		12.00	PRODUCTION		

3 Plots

3.1 Wellbore Schematic



1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	CEDAR CAMP 1-1-16-22	Wellbore No.	00
Well Name	CEDAR CAMP 1-1-16-22	Wellbore Name	CEDAR CAMP 1-1-16-22
Report no.	2	Report date	12/8/2014
Project	UTAH-GRAND	Site	CEDAR CAMP 1-1-16-22
Rig Name/No.	GWS 1/1	Event	CONST- CAP WELL WORK
Start date	9/11/2014	End date	
Spud date	3/15/2005	Active datum	RKB @7,621.00usft (above Mean Sea Level)
UWI	CEDAR CAMP 1-1-16-22		

1.3 General

Contractor	DEINES PERFORATING	Job method	PERFORATE	Supervisor	DAVE DANIELS
Perforated Assembly	PROTECTIVE LINER	Conveyed method	WIRELINE		

1.4 Initial Conditions

Fluid type		Fluid density	
Surface press.		Estimate res press	
TVD fluid top		Fluid head	
Hydrostatic press.		Press. difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	5,992.0 (usft)-6,036.0 (usft)	Start Date/Time	12/8/2014 12:00AM
No. of intervals	3	End Date/Time	12/8/2014 12:00AM
Total shots	84	Net perforation interval	14.00 (usft)
Avg. shot density	6.00 (shot/ft)	Final surface pressure	
		Final press. date	

2 Intervals

2.1 Perforated Interval

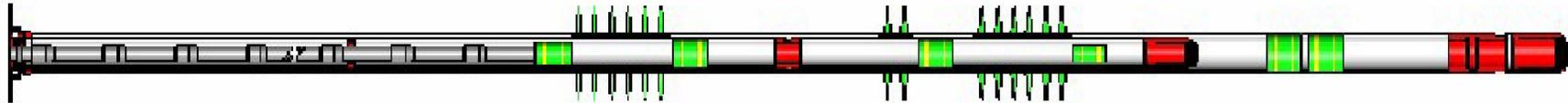
Date	Formation/Reservoir	CCL@ (usft)	CCL-TS (usft)	MD top (usft)	MD base (usft)	Shot density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr type /Stage No	Carr size (in)	Phasing (°)	Charge desc. /Charge manufacturer	Charge weight (gram)	Reason	Misrun	How Guns Conveyed
12/8/2014 12:00AM				5,992.0	5,996.0	6.00		0.280/3			60.00	D E E P PENETRATOR/TITAN	12.00	PRODUCTION		Wireline

2.1 Perforated Interval (Continued)

Date	Formation/Reservoir	CCL@ (usft)	CCL-TS (usft)	MD top (usft)	MD base (usft)	Shot density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr type /Stage No	Carr size (in)	Phasing (°)	Charge desc. /Charge manufacturer	Charge weight (gram)	Reason	Misrun	How Guns Conveyed
12/8/2014 12:00AM				6,021.0	6,027.0	6.00		0.280 /3			60.00	D E E P PENETRATOR/TITAN	12.00	PRODUCTION		
12/8/2014 12:00AM				6,032.0	6,036.0	6.00		0.280 /3			60.00	D E E P PENETRATOR/TITAN	12.00	PRODUCTION		

3 Plots

3.1 Wellbore Schematic



Sundry Number : 59973 API Well Number : 43019314150000

RECEIVED : Feb. 19, 2015

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	CEDAR CAMP 1-1-16-22	Wellbore No.	00
Well Name	CEDAR CAMP 1-1-16-22	Wellbore Name	CEDAR CAMP 1-1-16-22
Report no.	3	Report date	11/17/2014
Project	UTAH-GRAND	Site	CEDAR CAMP 1-1-16-22
Rig Name/No.	GWS 1/1	Event	CONST- CAP WELL WORK
Start date	9/11/2014	End date	
Spud date	3/15/2005	Active datum	RKB @7,621.00usft (above Mean Sea Level)
UWI	CEDAR CAMP 1-1-16-22		

1.3 General

Contractor	DEINES PERFORATING	Job method	PERFORATE	Supervisor	DAVE DANIELS
Perforated Assembly	PROTECTIVE LINER	Conveyed method	WIRELINE		

1.4 Initial Conditions

Fluid type		Fluid density	
Surface press.		Estimate res press	
TVD fluid top		Fluid head	
Hydrostatic press.		Press. difference	
Balance Cond	NEUTRAL		

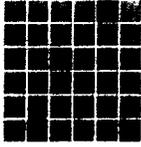
1.5 Summary

Gross Interval	7,942.0 (usft)-7,957.0 (usft)	Start Date/Time	11/17/2014 12:00AM
No. of intervals	1	End Date/Time	11/17/2014 12:00AM
Total shots	90	Net perforation interval	15.00 (usft)
Avg. shot density	6.00 (shot/ft)	Final surface pressure	
		Final press. date	

2 Intervals

2.1 Perforated Interval

Date	Formation/Reservoir	CCL@ (usft)	CCL-TS (usft)	MD top (usft)	MD base (usft)	Shot density (shot/ft)	Misfires/Add. Shot	Diameter (in)	Carr type /Stage No	Carr size (in)	Phasing (°)	Charge desc. /Charge manufacturer	Charge weight (gram)	Reason	Misrun	How Guns Conveyed
11/17/2014 12:00AM				7,942.0	7,957.0	6.00		0.280/2			60.00	DEEP PENETRATOR/TITAN	12.00	PRODUCTION		Wireline



State of Utah
 School & Institutional
 Trust Lands Administration

Gary R. Herbert
 Governor

675 East 500 South, Suite 500
 Salt Lake City, UT 84102-2818
 801-538-5100

Spencer J. Cox
 Lieutenant Governor

801-355-0922 (Fax)
 www.trustlands.com

Kevin S. Carter
 Director

March 19, 2014

RECEIVED
 MAR 20 2014
 DIV. OF OIL, GAS & MINING

Anadarko Petroleum Corporation
 ATTENTION: Mr. Tom Marranzino
 1099 18th Street
 Denver, CO 80202

43 019 31415

RE: Township 16 South, Range 22 East, S1M
 Section 1: Lots 1,2,3,4, S/2N/2, S/2
 Containing 640.28 acres, more or less
 Grand County, UT
 ML 46111(expired)

Dear Mr. Marranzino:

The captioned oil and gas lease that was held by National Fuel Corporation (15%); Robert L. Bayless (25%), and Stewart Petroleum (60%) was formally cancelled by the agency on February 18, 2014. The lease was in its secondary term without a well located on the premises that was capable of producing paying quantities of hydrocarbons as required by the lease. The unplugged wellbore located in the section is known as the Cedar Camp 1-1-16-22, API 4301931415. Currently, there is no lease on this section, but Stewart, who was the last operator on the lease according to agency records, still has the obligation to plug the well. By change of operator filed with DOGM on January 26, 2014, Anadarko purported to take over as operator of the well. SITLA does not recognize this change because the agency was not informed timely of the change nor did Anadarko file a Designation of Operator form with this office which was required since Anadarko had no leasehold interest in the now expired lease.

Right now the section is in limbo. There is no lease on the land; therefore, no work other than plugging operations can occur. Any other work would be considered trespass. In accordance with the development agreement between Anadarko and SITLA, by this letter, SITLA is offering Anadarko a lease on the premises under the terms specified in our agreement. The bonus on these lands is \$50/net acre or a total of \$32,050 plus Anadarko must formally accept the obligation to plug and abandon the well.

UTAH
 LIFE ELEVATED

Mr. Tom Marranzino
Cedar Camp 1-1-16-22
Page Two

Should Anadarko accept the offer to acquire this lease, please so indicate by signing and returning one copy of this letter to me at the letterhead address or through email to lavonnegarrison@utah.gov on or before March 31, 2014.

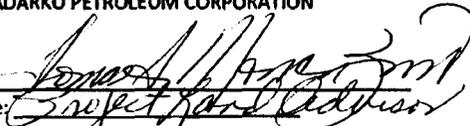
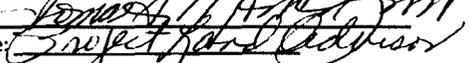
Yours very truly,

SCHOOL AND INSTITUTIONAL TRUST LANDS
ADMINISTRATION

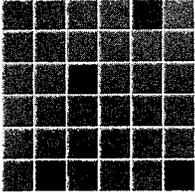

LaVonne J. Garrison
Assistant Director/Oil & Gas

ACCEPTED AND AGREED TO THIS ^{20th} DAY OF MARCH 2014

ANADARKO PETROLEUM CORPORATION

By: 
Title: 

Cc: Mr. Dustin Doucet
Mr. Daryl Stewart



State of Utah
School & Institutional
Trust Lands Administration

675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818
801-538-5100
801-355-0922 (Fax)
www.trustlands.com

Gary R. Herbert
Governor

Spencer J. Cox
Lieutenant Governor

Kevin S. Carter
Director

February 11, 2014

CERTIFIED MAIL – RETURN RECEIPT REQUESTED No. 7002 2410 0000 0440 1999

Stewart Petroleum Corp.
ATTENTION: Mr. Daryl Stewart
475 17th Street, Suite 790
Denver, CO 80202

43 D19 31415
Cedar Camp 1-1-11-22

Re: ML 46111
Township 16 South, Range 22 East, SLM
Section 1: All
Grand County, UT
Containing 640 acres, more or less

Dear Mr. Stewart:

This letter is follow up to my letter dated January 8, 2014, concerning the status of the captioned lease and well. No response has been received from you to resolve the issue of the shut-in well and lease status. Therefore, as stated in the letter, the lease is cancelled effective with the last day of the month when production was last reported, being September 2006.

The expiration of a lease containing an unplugged oil and gas well does not relieve Stewart from the responsibility to properly plug and abandon the well in accordance with the rules and regulations of the Utah Division of Oil, Gas and Mining (DOG M). A sundry containing your plans for plugging and reclamation should be submitted to DOGM as soon as possible and the well plugged on or before June 1, 2014.

Should you have any questions, please contact me at 801.538.5197 or by email at lavonnegarrison@utah.gov.

Yours very truly

LaVonne J. Garrison
Assistant Director/Oil & Gas

Cc: Mr. Dustin Doucet, DOGM ✓
Ms. Diane Thompson, National Fuels
Mr. Cranford Newell, Bayless Cos.

RECEIVED

FEB 11 2014

DIV. OF OIL, GAS & MINING



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

April 21, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5275 9888

Mr. Joel Malefyt
Anadarko E&P
PO Box 173779
Denver, CO 80217

43 019 31415
Cedar Camp 1-1-16-22
1 165 22E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Malefyt:

As of January 2016, Anadarko E&P has four (4) 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. These wells have been previously noticed and have SI/TA extensions that have expired.

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
Anadarko E&P
April 21, 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

	Well Name	API	LEASE	Years Inactive
→ 1	Cedar Camp 1-1-16-22	43-019-31415	ML-46111	9 year(s) 8 month(s)
2	Cedar Camp 1-6-16-23	43-019-31416	ML-46113	9 year(s) 7 month(s)
3	Three Pines 14-17-16-23	43-019-31457	ML 47572	10 year(s) 1 month(s)
4	Kelly Cyn 10-8-16-22	43-019-31458	ML 47564	2 year(s) 4 month(s)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	9. API NUMBER: 43019314150000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED
	COUNTY: GRAND
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/19/2016	<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 checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the CEDAR CAMP 1-1-16-22 well. Please see the attached procedure for details. Thank you.

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

Date: June 21, 2016
 By: *D. K. Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Jennifer Thomas	PHONE NUMBER 720 929-6808	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 5/19/2016	



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 43019314150000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Amend Plug #5: This plug shall be an inside/outside plug. RIH and perforate 4" @ 1200'. Establish circulation. RIH with CICR and set at 2150'. Sting into CICR and establish circulation down the 4" casing back up the 5 1/2" x 9 5/8" annulus. M&P 56 sx cement, sting into CICR pump 48 sx, sting out and dump 8 sx on top of CICR. This will isolate the surface shoe as required by R649-3-24-3.6 and the Wasatch Formation**
- 3. Amend Plug #6: Note 1" cannot be run between 5 1/2" and 4" casing. Perf casing @ 100' and pump 33sx down casing and back up both casing annuli back to surface.**
 - 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
 - 5. 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).**
 - 6. Surface reclamation shall be done in accordance with R649-3-34 - Well Site Restoration.**
 - 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. 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.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation general rules shall apply.**

CEDAR CAMP 1-1-16-22
550' FNL & 750' FEL
NENE Section 1, T16S, R22E
Grand County, UT

KBE: 7621' **API NUMBER:** 4301931415
GLE: 7597' **LEASE NUMBER:** ML-46113
TD: 10560' (in 5 1/2" casing)
PBTD: 8360' (CIBP in bottom of 4" production casing/liner)
PBTD: 10480' (orig in 5 1/2")

SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 1,097'. Cemented with 500 sxs cement (TOC @ surface)

PRODUCTION CASING: 5 1/2", 17#, P-110 LT&C @ 10,555'. Cemented w/ 560 sxs turned light cement. **TOC @ 4600'** as per Casedhole Solutions RCBL dated 3/7/2014.

PRODUCTION CASING/LINER: 4", 10.8#, P-110 UFJ @ 8811'. Pumped 338 sxs 50/50 POZ cmt. No cmt to surface. **TOC @ ±100'** as per Casedhole Solutions RCBL dated 10/24/2014.

TUBING: 2 3/8" L-80, with pump open sub, & bit @ 5989'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2 3/8" 4.7# N-80 tbg	1.995	11,780	11,200	0.1624	0.0217	0.0039
4" 10.8#, P-110 UFJ	3.351 (id)			0.4583	0.0613	0.0109
5.5" 17# P-110	4.892	7,460	10,640	0.9764	0.1305	0.0232
9.625" 36# J-55	8.921	2020	3520	3.247	0.4340	0.0773
Annular Capacities						
2.375" tbg. X 5 1/2" 17# csg				0.7463	0.0998	0.0178
5.5" csg X 9 5/8" 36# csg				2.0128	0.2691	0.0479
5.5" csg X 7.875 borehole				1.2960	0.1733	0.0309
9 5/8" csg X 12 1/4" borehole				2.3428	0.3132	0.0558

GEOLOGIC INFORMATION:

Fm Name	MD
Top Wasatch	1914
Top Mesaverde	3124
Top Castlegate	5168
Top Mancos	5314

BMSW Elevation ~3800'

PERFORATIONS:

Zone Name	Date	MD Top (ft)	MD Base (ft)	Shot Density (SPF)
Below perfs are in the 4" csg/liner from surf to 8811'				
Mancos B	12/11/14	6010	6017	6
Mancos B	12/8/14	6047	6054	6
10K CBP @ 6104				
MN34	11/23/2014	7960	7975	6
10K CBP @ 8030				
Lower Bluegate	10/24/2014	8290	8292	6
Lower Bluegate	10/24/2014	8297	8299	6
Lower Bluegate	10/24/2014	8333	8344	6
10K CIBP @ 8360				
Below perfs are in the 5 1/2" csg which are isolated with multiple CIBPs and are below the 4" prod casing/liner.				
		CIBP @ 9688' w/ 8 sxs cmt on top CIBP @ 9800' w/ 35' cmt on top		
Entrada	05/10/2005	9,827	9,832	3
CIBP @ 9890				
Wingate	05/06/2005	10,213	10,218	3

Relevant History:

- 3/25/05: Drlg TD well
- 5/06/05: Swabbed well dry. Perforated Wingate from 10,213-10,218. B/D perfs @ 3700 psi. ISIP = 800 psi. Swabbed TESTED. No commercial gas. Set a CIBP @ 9890'.
- 5/10/05: Perforated Entrada from 9,213-10,218. B/D perfs @ 3500 psi. Swabbed TESTED.
- 5/16/05: Frac'd Entrada perfs (98207'-9832') with 106 tons of 70 quality CO₂, 288 bbls fresh water, 1500 lbs 100 mesh, 50,280 lbs of 20/40.
- 5/23/05: RIH w/ 2-3/8" N-80 tbg. Tagged fill @ 9837'. Land tbg @ 9805'.
- 3/5-10/14: POOH w/ tbg. RIH w/ a gauge ring to 9815'. Set a CIBP @ 9800'. Dump bailed 6 sxs cmt on top of CIBP (TOC @ ±9765'). Ran a temp log from surface to TD. Run a CBL on well. RU stinger and tested casing to 7450 psi for 30 minutes (no leaks). UDOGM (Bart Kettle) witnessed the test.
- 9/11-23/14: **Squeezed csg leak in 5 1/2" casing**
MIRU, ran a 10K isolation across the 5K casing head. Pressure tested 5 1/2" prod casing to ±8600 psi. Pressure dropped to 500 psi. Set a CIBP @ 9688'. Pressure tested casing – no test. RIH with tbg and packer and isolated casing leak b/t 3877'-3882'. Run a 60 arm caliper log which confirmed a 2"-8" leak @ 3867'. RIH w/ a

packer and set @ 3824'. Established an injection rate of 1 bpm @ 1100 psi. Pumped 90 sxs of neat "G" cmt (staged last 4 bbls cmt). Obtained a squeeze pressure of 1600 psi. Left 1 bbls of cmt in tbg, release pkr and circ well. PUH 10' and reset packer and pressure up to 100 psi. RIH and D/O cmt from 3830'-3879'. Pressure tested casing to 1000 psi and tested good. RIH and landed 2 3/8" L-80 tbg @ 8909'.

- 10/13/-11/3/14: **Run a 4" casing/liner, Perf, DFIT, and Frac'd Lower Bluegate formation**
POOH w/ tbg. R/U wireline and RIH and dump bailed 8 sxs (4 runs) of cmt on CIBP @ 9688'. POOH. Installed a 4"x10K well head. R/U casing crew and RIH w/ 214 jts of 4" 10.8# P-110 UFJ casing to 8811'. Pumped 338 sxs 50/50 POZ cmt. No cmt to surface. RIH w/ a 3 1/4" drag bit and tagged cmt @ 8435'. Circulated hole and POOH. R/U Casedhole and ran a CBL w/ 1500 psi on from 8383' to surf. P/U a 4" CIBP and set @ 8360'. Pressure tested cag to 8800 psi and lost 61 psi. Perf f/ 8290'-92' & 8297'-8299' (both 6 spf) and ran a DFIT on perfs. RIH and perforated from 8333'-8344', 6 SPF (66 holes). Frac'd perfs 8290'-8344'. Set a CBP @ 8230'. RIH with POBD and tbg and C/O to 8359. Landed 2 3/8" L-80 tbg @ 8265' & put well on prod.
- 11/13-24/14 **Perf, DFIT, and Frac'd MN34 formation**
POOH w/ tbg. RIH w/ 4" 10K CBP and set @ 8030'. RIH w/ notched collar and tbg, tagged CBP @ 8030'. Circ well & POOH w/ tbg. Pressure tested cgs to 8600 psi and lost 23 lbs in 15 min. RIH and perforated from 7960-7975' (6 spf) and performed a DFIT. Frac'd perfs 7960-7975'. Set a CBP @ 7900'. RIH w/ bit and tbg and C/O to CBP @ 8030' Circ clean and landed 2 3/8" L-80 tbg @ 7926' and put well on prod. Swabbed multiple days.
- 12/4-13/14: **Perf, DFIT, and Frac'd Mancos B formation**
POOH w/ tbg. RIH w/ 4" 10K CBP and set @ 6104'. RIH w/ notched collar and tbg, tagged CBP @ 6104'. Circ well & POOH w/ tbg. Pressure tested cgs to 8800 psi and lost 52 lbs in 15 min. RIH and perforated from 6047-6054' (6 spf) and performed a DFIT. RIH and perforated from 6010-6017' (6 spf). Frac'd perfs 6010-6054'. Set a CBP @ 5936'. RIH w/ bit, pump open sub, and tbg and C/O to CBP @ 6104' Circ clean and landed 2 3/8" L-80 tbg @ 5989' (with a pump open sub) and put well on prod. Swabbed multiple days

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: Approx. 91 sxs Class "G" cement needed for procedure & (1) 4" 10.8# (id 3.351") CIBP

Note: A Gyro has not been run on this well as far as I can tell.

Note: There is a CIBP @ 8360', with CBP's @ 8030', & 6104' in the 4" casing/liner

Note: No wireline to perf is needed on this well. Use tbg from this well as a workstring for this well and other Willow Ridge wells.

1. No Gyro has been run on the well, but I don't think one is needed.
2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
3. POOH W/ TBG & STAND BACK. USE AS A WORKSTRING FOR THIS AND OTHER WILLOW RIDGE WELLS (EOT @ 5989; HAS A BIT & PUMP OPEN SUB ON BOTTOM).
4. **PLUG #1, ISOLATE PERFORATIONS (6010'-8344')** Note: Other perms 9827'-10,218' have already been isolated with 2 CIBP & cmt: RIH W/ CIBP ON TBG FOR 4" (3.351" ID) AND SET @ ~5965'. PUH 10', BRK CIRC W/ TREATED FRESH WATER AND CIRCULATE ENTIRE HOLE. PRESSURE TEST CASING. SET A ±112' CEMENT BALANCED PLUG (6 SXS, 6.87 CUFT, 1.22 BBLs) ON TOP OF CIBP. TOC @ ±5853'.
5. **PLUG #2, PROTECT TOP OF MANCOS (5314') & CASTLEGATE (~5168')**: TOOH TO 5415'. SET A BALANCED CEMENT PLUG FROM 5415-5060' (355' COVERAGE) WITH (19 SXS / 21.8 CUFT / 3.87 BBL).
6. **PLUG #3, PROTECT TOP OF BMSW (~3800')**: TOOH W/ TUBING TO 3900'. SET A BALANCED CEMENT PLUG FROM 3900'-3695' (205' COVERAGE) WITH (11 SXS / 12.6 CUFT / 2.24 BBL).
7. **PLUG #4, PROTECT TOP OF MESAVERDE (~3124')**: TOOH W/ TUBING TO 3225'. SET A BALANCED CEMENT PLUG FROM 3225'-3020' (205' COVERAGE) WITH (11 SXS / 12.6 CUFT / 2.24 BBL).
8. **PLUG #5, PROTECT TOP OF WASATCH (~1914')**: TOOH W/ TUBING TO 2015'. SET A BALANCED CEMENT PLUG FROM 2015'-1810' (205' COVERAGE) WITH (11 SXS / 12.6 CUFT / 2.24 BBL).
9. NOTE: SURFACE CASING SHOE @ 1097' IS PROTECTED WITH TWO CASING STRINGS (4" & 5 ½") AND CMT BETWEEN THE TWO CASINGS.
10. **PLUG #6, FILL SURFACE HOLE & ANNULUS:** POOH. SET A BALANCED CEMENT PLUG FROM 100'-SURFACE WITH (6 SXS / 6.87 CUFT / 1.22 BBL). RUN 1" PIPE DOWN 4" X 5-1/2" ANNULUS AND FILL FROM 100' TO SURFACE WITH (±4 SXS) AND RUN 1" PIPE DOWN 5-1/2" X 9 5/8" ANNULUS AND FILL FROM 100' TO SURFACE WITH (±23 SXS).
11. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
12. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.



DIV. OF OIL, GAS & MINING

MAY 23 2016

RECEIVED

May 20, 2016

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Ste. 1210
Salt Lake City, UT 84116

43-019-31415

1 16S 22E

ATTENTION: Dustin Doucet

RE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated April 21, 2016

Dear Mr. Doucet,

We are in receipt of your letter dated April 21, 2016 regarding the four State Lease wells that are in non-compliance with R649-3-36-1. The four State Lease wells were identified in the letter as the Cedar Camp 1-1-16-22, Cedar Camp 1-6-16-23, Three Pines 14-17-16-23 and Kelly Canyon 10-8-16-22. Sundry notices have been filed requesting UDOGM's approval to plug and abandon for all four wells. The Kelly Canyon 10-8-16-22 and Three Pines 14-17-16-23 previously received UDOGM approval for P&A operations while the two Cedar Camp wells currently have P&A notice of intent sundry notices pending UDOGM approval. Kerr-McGee intends to plug all four wells starting in August of 2016 and plan to finish by November 2016. If plans and/or timelines change UDOGM will be notified immediately.

Should you have any additional questions or concerns, please don't hesitate to contact me at (435) 781-9749 or via email at candice.barber@anadarko.com.

Sincerely,

Candice Barber
Anadarko-Regulatory Affairs

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46111	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: ANADARKO E&P ONSHORE, LLC		8. WELL NAME and NUMBER: CEDAR CAMP 1-1-16-22	
3. ADDRESS OF OPERATOR: P.O. Box 173779 , Denver, CO, 80217		9. API NUMBER: 43019314150000	
PHONE NUMBER: 720 929-6456 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0550 FNL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 01 Township: 16.0S Range: 22.0E 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 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 checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Anadarko E&P Onshore, LLC has plugged and abandoned the Cedar Camp 1-1-16-22 well on 09/01/2016. Please see the attached operations summary report for details. Thank you.			
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 16, 2016	
NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst	
SIGNATURE N/A		DATE 9/14/2016	

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22

Spud date: 3/15/2005

Project: UTAH-GRAND

Site: CEDAR CAMP 1-1-16-22

Rig name no.: MILES 4/4

Event: ABANDONMENT

Start date: 8/29/2016

End date: 9/1/2016

Active datum: RKB @7,621.00usft (above Mean Sea Level)

UWI: CEDAR CAMP 1-1-16-22

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
8/29/2016	7:00 - 7:30	0.50	ABANDP	48		P		HSM, ROADING RIG & EQUIP TO BOOK CLIFFS
	7:30 - 12:30	5.00	ABANDP	30	A	P		MIRU, SITP & SICP 1500 PSI.
	12:30 - 15:00	2.50	ABANDP	33	F	P		RU FLOW LINE OPEN WELL TO FB TNK LET FLOW OVERNIGHT SDFN.
8/30/2016	7:30 - 8:00	0.50	ABANDP	48		P		HSM, WORKING OFF HIGH FLOOR.
	8:00 - 8:30	0.50	ABANDP	30	E	P		TBG & CSG FLOWING TO TNK, CONTROL TBG & CSG W/ 20 BBLS T-MAC DWN EACH.
	8:30 - 9:30	1.00	ABANDP	30	F	P		ND WH NU BOPS, RU & RAISE FLOOR DUE TO HIGH WELL HEAD. UNLAND TBG.
	9:30 - 11:00	1.50	ABANDP	31	I	P		POOH W/ 188 JTS L/D POBS.
	11:00 - 13:30	2.50	ABANDP	34	I	P		RU EXTREME WL, RIH SET 4" CIBP @ 5965', PLUG FELL DWN HOLE, POOH RIH W/ 4" CICR & SET @ 5964', OK'D BY STATE REP BART KETTLE, PLUG STAYED, POOH RD WL.
	13:30 - 16:30	3.00	ABANDP	31	I	P		RIH W/ N/C & 188 JTS 23/8 TAG CICR @ 5964', RU CIRC WELL CLEAN, TEST CSG TO 500 PSI. NOT HOLDING, SWI SDFN.
	-	-	-	-	-	-	-	-
8/31/2016	7:30 - 8:00	0.50	ABANDP	48		P		HSM, WORKING W/ CEMENT CREW.
	8:00 - 12:00	4.00	ABANDP	48		P		SICP O, PU PUP JTS, RU SPOT 5.1 BBLS 25 SKS G CMT ON CICR @ 5964', L/S 20 JTS PULL 5 STDS EOT @ 5013' LET WELL SET FOR 1 HR 45 MIN, TRY TO PRESSURE TEST NO TEST RIH NO CMT TAGGED ON CICR FOUND OUT THAT THE CICR CAN BE PUMPED TROUGH W/O STINGER. ORDERED 2 SACKS SAND FROM TOWN TO DUMP DWN TBG TO PLUG OFF CICR.
	12:00 - 13:00	1.00	ABANDP	46	E	S		WAIT FOR SAND TO COME FROM TOWN. DROPPED POBS BALL PLUGGED OFF CICR PRESS TEST TO 500 OK.
	13:00 -	0.00	ABANDP	51	D	P		PUMPED 1.4 FRESH, 10.2 BBLS 50 SKS 15.8# 1.15 YEILD G CMT, 1 FRESH, DISPL W/ 17.8 BBLS T-MAC. L/D 65 JTS EOT @ 3913' FILL HOLE TEST CSG AGAIN TO 500 OK, PUMPED 1.4 BBLS F, 10.2 BBLS 50 SKS 15.8# 1.15 YEILD CMT, 1 BBL F, DISPL W/ 9.8 BBLS T-MAC, L/D 84 JTS, EOT @ 1250' SWI SDFN.
9/1/2016	7:30 - 8:00	0.50	ABANDP	48		P		HSM, WORKING W/ WIRELINE.
	8:00 - 8:30	0.50	ABANDP	31	I	P		POOHN W/ 39 JTS
	8:30 - 9:00	0.50	ABANDP	34	H	P		RU RIH PERF CSG @ 1196' TRY TO INJECT PRESSURED UP TO 500 NO INJECTION, RD WIRELINE.

US ROCKIES REGION
Operation Summary Report

Well: CEDAR CAMP 1-1-16-22		Spud date: 3/15/2005	
Project: UTAH-GRAND		Site: CEDAR CAMP 1-1-16-22	Rig name no.: MILES 4/4
Event: ABANDONMENT		Start date: 8/29/2016	End date: 9/1/2016
Active datum: RKB @7,621.00usft (above Mean Sea Level)		UWI: CEDAR CAMP 1-1-16-22	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:00 - 12:00	3.00	ABANDP	31	I	P		RIH W/ N/C & 39 JTS EOT @ 1249' RU PUMP 1.4 BBLS F, 2.45 BBLS 12 SKS 15.8# 1.15 YEILD G CMT. 1 BBL F, DISPL W/ 2.8 BBLS T-MAC. L/D 39 JTS, RU RIH PERF CSG @ 70', GOOD CIRC UP 51/2, ND BOPS INSTALLED TBG HANGER, FILL 4" & UP 51/2 W/ 20 SKS CMT, RIG DWN RIG PULL AHEAD DIG & CUT OFF WELL HEAD, TOP UP 95/8 W/ 240 SKS CMT, WELD ON PLATE P&A IS COMPLETE.