

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input checked="" type="checkbox"/>
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER 13H-31-36 BTR
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT CEDAR RIM
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL dspencer@billbarrettcorp.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 20G0005608			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Hilario Figueroa						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-808-8339
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 3751 West 4400 South, West Valley City, UT 84120						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') UTE			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	383 FSL 880 FEL	SESE	31	3.0 S	6.0 W	U
Top of Uppermost Producing Zone	721 FSL 1660 FEL	SWSE	31	3.0 S	6.0 W	U
At Total Depth	700 FSL 700 FWL	SWSW	31	3.0 S	6.0 W	U
21. COUNTY DUCHEсне		22. DISTANCE TO NEAREST LEASE LINE (Feet) 700		23. NUMBER OF ACRES IN DRILLING UNIT 640		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2770		26. PROPOSED DEPTH MD: 9511 TVD: 6171		
27. ELEVATION - GROUND LEVEL 6459		28. BOND NUMBER LPM 8874725		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City Culinary Water Dock		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Elaine Winick		TITLE Sr. Permit Analyst		PHONE 303 293-9100		
SIGNATURE		DATE 11/04/2010		EMAIL ewinick@billbarrettcorp.com		
API NUMBER ASSIGNED 4301350465000		APPROVAL  Permit Manager				

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Cond	26	16	0	80		
Pipe	Grade	Length	Weight			
	Unknown	80	65.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2000		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	2000	36.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
I1	8.75	7	0	6700		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	6700	26.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	6.125	4.5	0	9511		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	9511	11.6			

DRILLING PLAN

BILL BARRETT CORPORATION
 13H-31-36 BTR
 SHL: SE/SE, 383' FSL & 880' FEL, Section 31-T3S-R6W
 BHL: SW/SW 700' FSL & 700' FWL, Section 31-T3S-R6W
 Surface Owner: Hilario Figueroa
 Duchesne County, Utah

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

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth - TVD</u>
Green River	4436'	4435'
Douglas Creek	5299'	5285'
Black Shale member of Douglas Creek	6365**	6155**
TD	9511'	6171'

***PROSPECTIVE PAY**

The Black Shale member of the Douglas Creek formation is the primary objective for oil/gas.

4. Casing Program

A) Planned Program

<u>Hole Size</u>	<u>SETTING DEPTH (FROM) (TO)</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
26"	Surface	80'	16"	65#			
12-1/4"	surface	2000'	9-5/8"	36#	J or K 55	LT&C	New
8-3/4"	2000'	6700'	7"	26#	P-110	LT&C	New
6-1/8"	6500'	TD	4 1/2"	11.6#	P-110	LT&C	New

5. Cementing Program

A) Planned Program

16" Conductor Casing	Grout
9-5/8" Surface Casing	Lead with approximately 280 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. Tail with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx). Calculated hole volume with 75% excess.
7" Casing	Lead with approximately 240 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). Tail with approximately 460 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Planned TOC surface.
4-1/2" Liner	No cement. Swell Packers

6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 2,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
2,000' – TD	8.6 – 9.7	42-52	20 cc or less	DAP Polymer Fluid System

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 2,000'	No pressure control required
2,000' – 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 @ 5000 psi;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

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	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

'APIWellNo:43013504650000'

Bill Barrett Corporation
Drilling Program
13H-31-46 BTR
Duchesne County, Utah

Maximum anticipated bottom hole pressure equals approximately 3113 psi* and maximum anticipated surface pressure equals approximately 1755 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. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

12. Drilling Schedule

Location Construction: Approximately 3/01/2011

Spud: Approximately 4/01/2011

Duration: 30 days drilling time

45 days completion time

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.
8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
9. Upper kelly cock valve with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Pressure gauge on choke manifold.
12. Fill-up line above the uppermost preventer.

B. Pressure Rating: 3,000 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 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

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: **13H-31-36 BTR**

Surface Hole Data:

Total Depth:	2,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	822.1	ft ³
Lead Fill:	1,500'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft ³ /sk
% Excess:	75%	
Top of Lead:	0'	

Calculated # of Sacks:

# SK's Lead:	280
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	1,500'	

# SK's Tail:	210
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Production Hole Data:

Total Depth:	6,700'
Top of Cement:	1,500'
Top of Tail:	3,880'
OD of Hole:	8.750"
OD of Casing:	7,000"

Calculated Data:

Lead Volume:	536.7	ft ³
Lead Fill:	2,380'	
Tail Volume:	636.0	ft ³
Tail Fill:	2,820'	

Cement Data:

Lead Yield:	2.31	ft ³ /sk
Tail Yield:	1.42	ft ³ /sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	460

13H-31-36 BTR Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1500' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,500'
	Volume: 146.41 bbl
	Proposed Sacks: 280 sks
Tail Cement - (TD - 1500')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,500'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (3880' - 1500')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,500'
	Calculated Fill: 2,380'
	Volume: 95.58 bbl
	Proposed Sacks: 240 sks
Tail Cement - (6700' - 3880')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 3,880'
	Calculated Fill: 2,820'
	Volume: 113.26 bbl
	Proposed Sacks: 460 sks

'APIWellNo:43013504650000'

T3S, R6W, U.S.B.&M.

BILL BARRETT CORPORATION

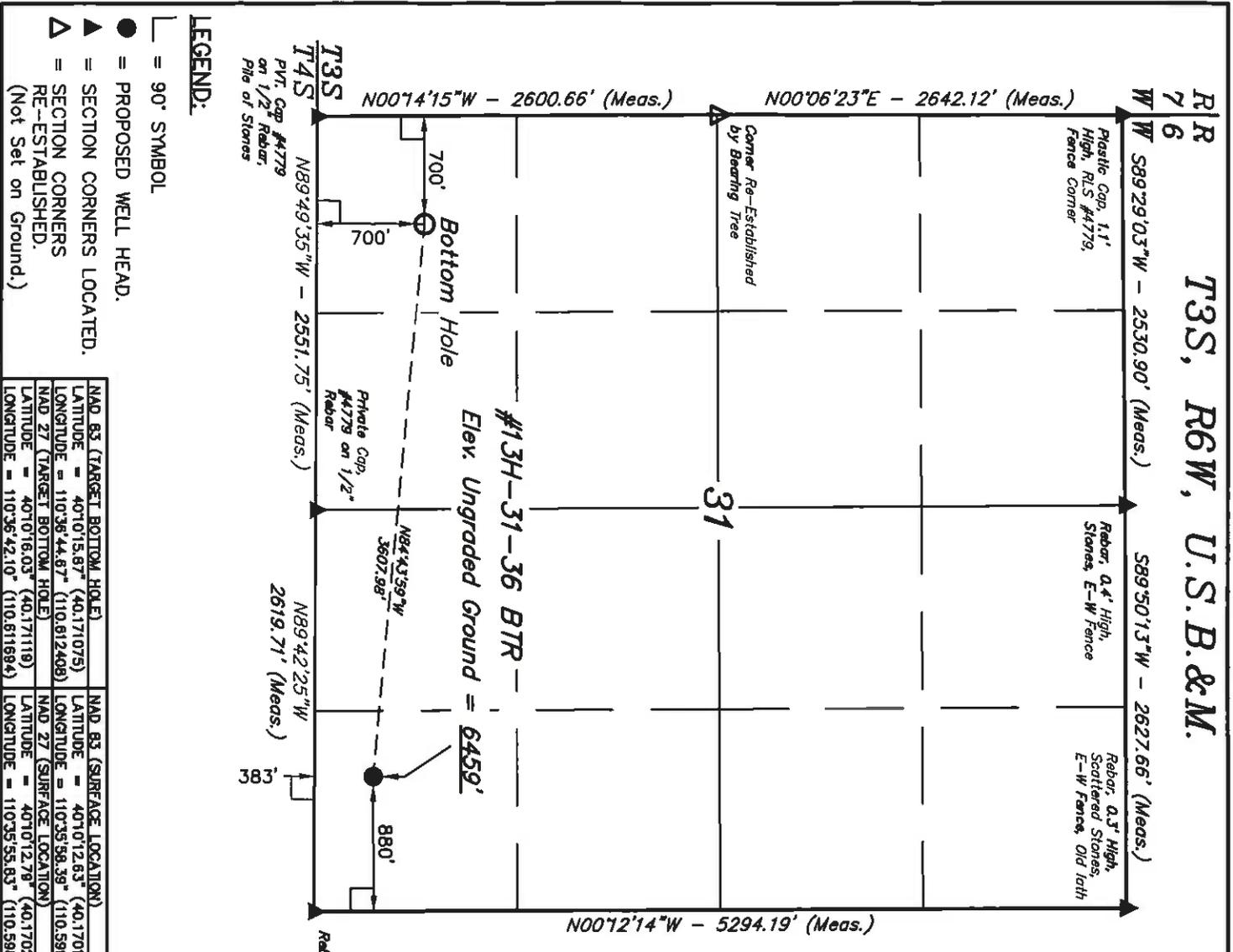
Well location, #13H-31-36 BTR, located as shown in the SE 1/4 SE 1/4 of Section 31, T3S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T3S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESE SE, QUADRANGLE, UTAH, DUCHESE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

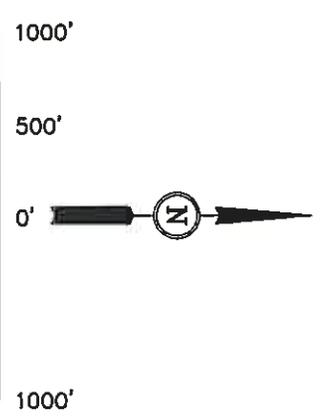


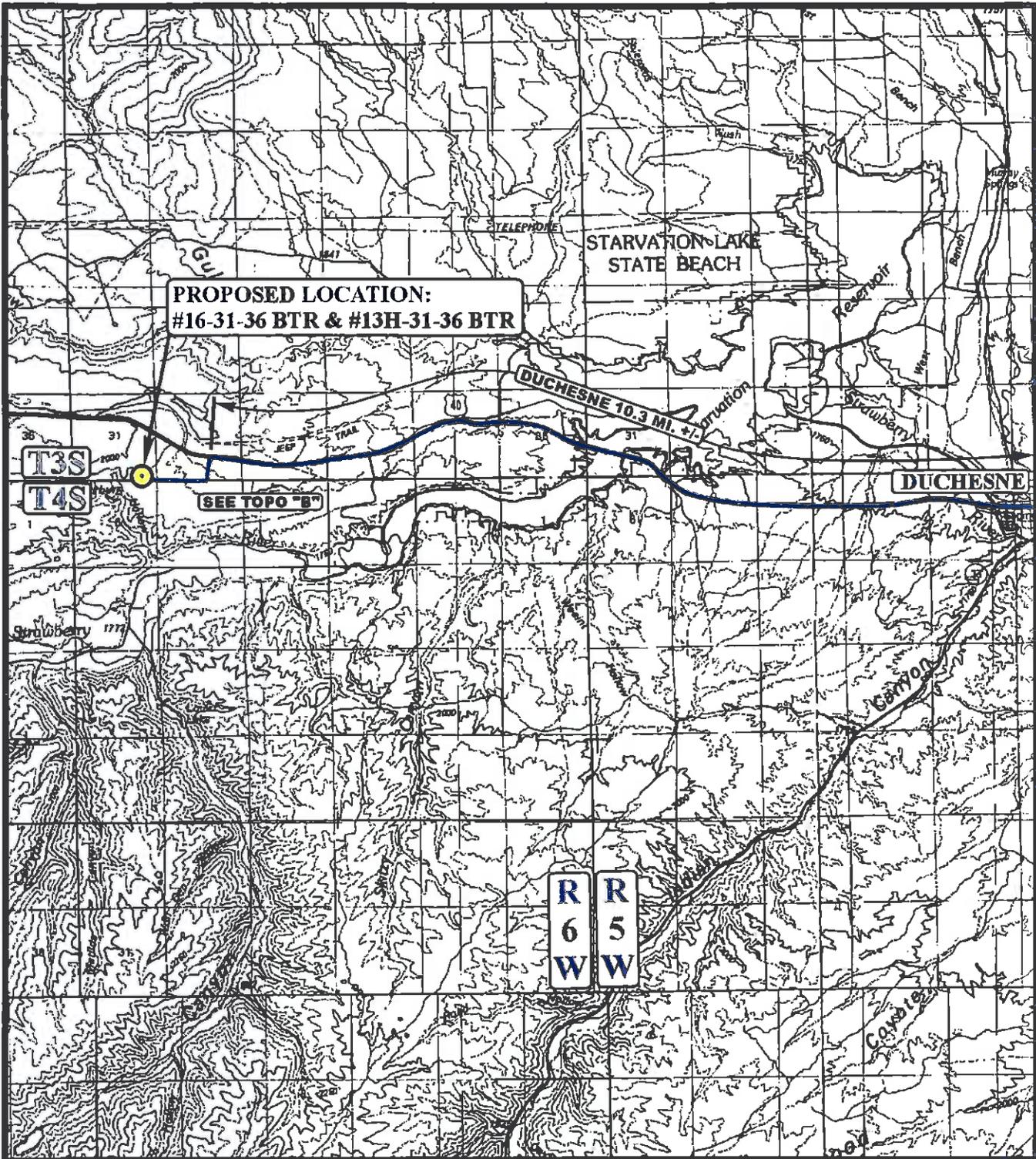
- LEGEND:**
- = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.
 - △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°10'15.87" (40.171075)	LATITUDE = 40°10'12.63" (40.170175)	LATITUDE = 40°10'15.87" (40.171075)	LATITUDE = 40°10'12.63" (40.170175)
LONGITUDE = 110°36'44.67" (110.612409)	LONGITUDE = 110°35'58.39" (110.599553)	LONGITUDE = 110°36'44.67" (110.612409)	LONGITUDE = 110°35'58.39" (110.599553)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°10'16.03" (40.171119)	LATITUDE = 40°10'12.79" (40.170219)	LATITUDE = 40°10'16.03" (40.171119)	LATITUDE = 40°10'12.79" (40.170219)
LONGITUDE = 110°36'42.10" (110.611694)	LONGITUDE = 110°35'55.83" (110.598942)	LONGITUDE = 110°36'42.10" (110.611694)	LONGITUDE = 110°35'55.83" (110.598942)

SCALE	1" = 1000'	
PARTY	J.F. C.C.	REFERENCES
WEATHER	WARM	FILE
UTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
DATE SURVEYED:	09-07-10	DATE DRAWN:
DATE SURVEYED:	10-21-10	DATE DRAWN:
REVISIONS:	10-05-10	DATE DRAWN:

CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED LAND HAS BEEN PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEFS.





**PROPOSED LOCATION:
#16-31-36 BTR & #13H-31-36 BTR**

STARVATION LAKE
STATE BEACH

DUCHESE 10.3 MI. +/-

T3S
T4S

SEE TOPO "B"

DUCHESE

R
6
W
R
5
W

LEGEND:

● PROPOSED LOCATION

BILL BARRETT CORPORATION

#16-31-36 BTR & #13H-31-36 BTR
SECTION 31, T3S, R6W, U.S.B.&M.
SE 1/4 SE 1/4

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



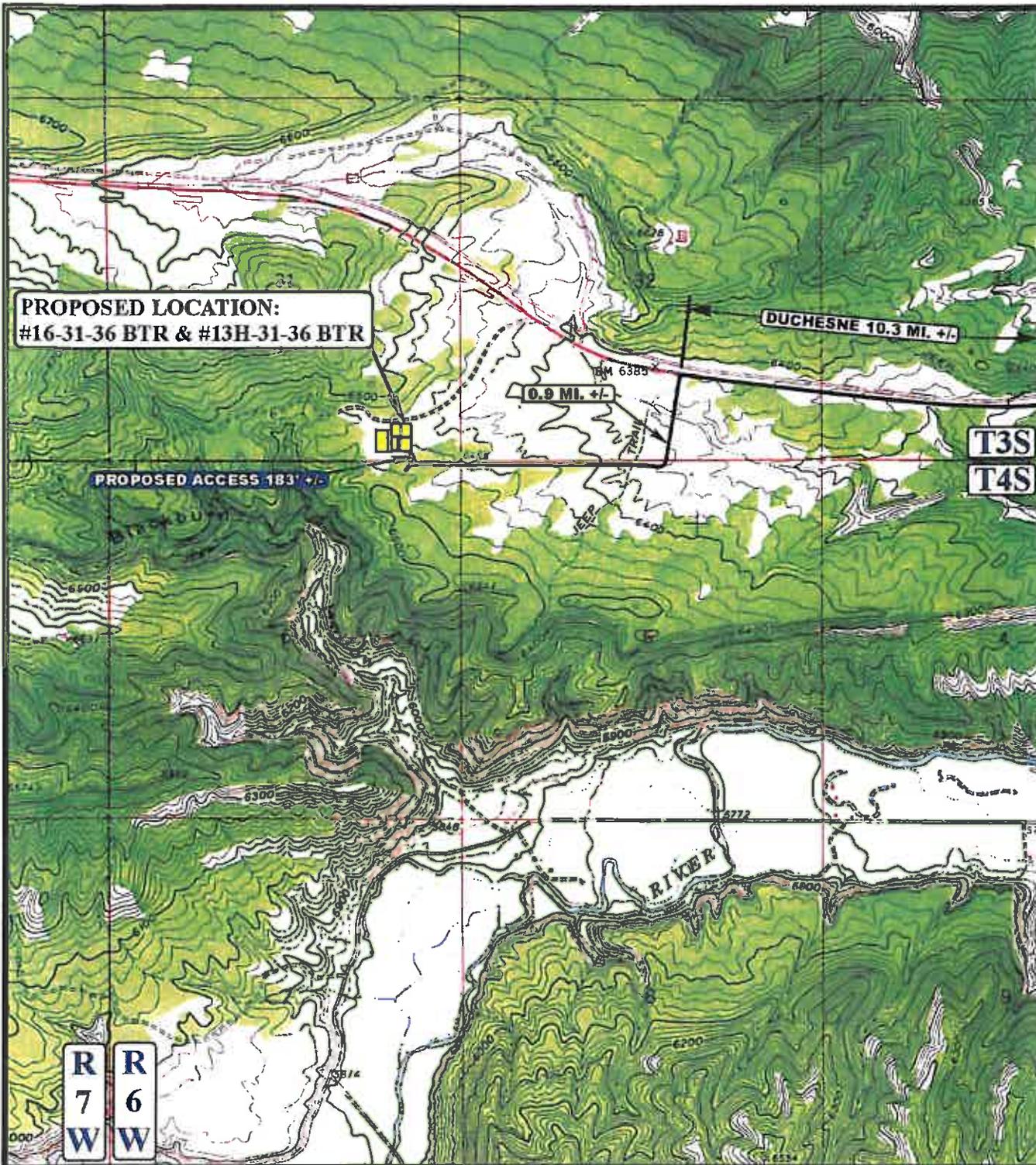
**ACCESS ROAD
MAP**

08	30	10
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 09-24-10



'APIWellNo:43013504650000'



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

BILL BARRETT CORPORATION

#16-31-36 BTR & #13H-31-36 BTR
 SECTION 31, T3S, R6W, U.S.B.&M.
 SE 1/4 SE 1/4

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



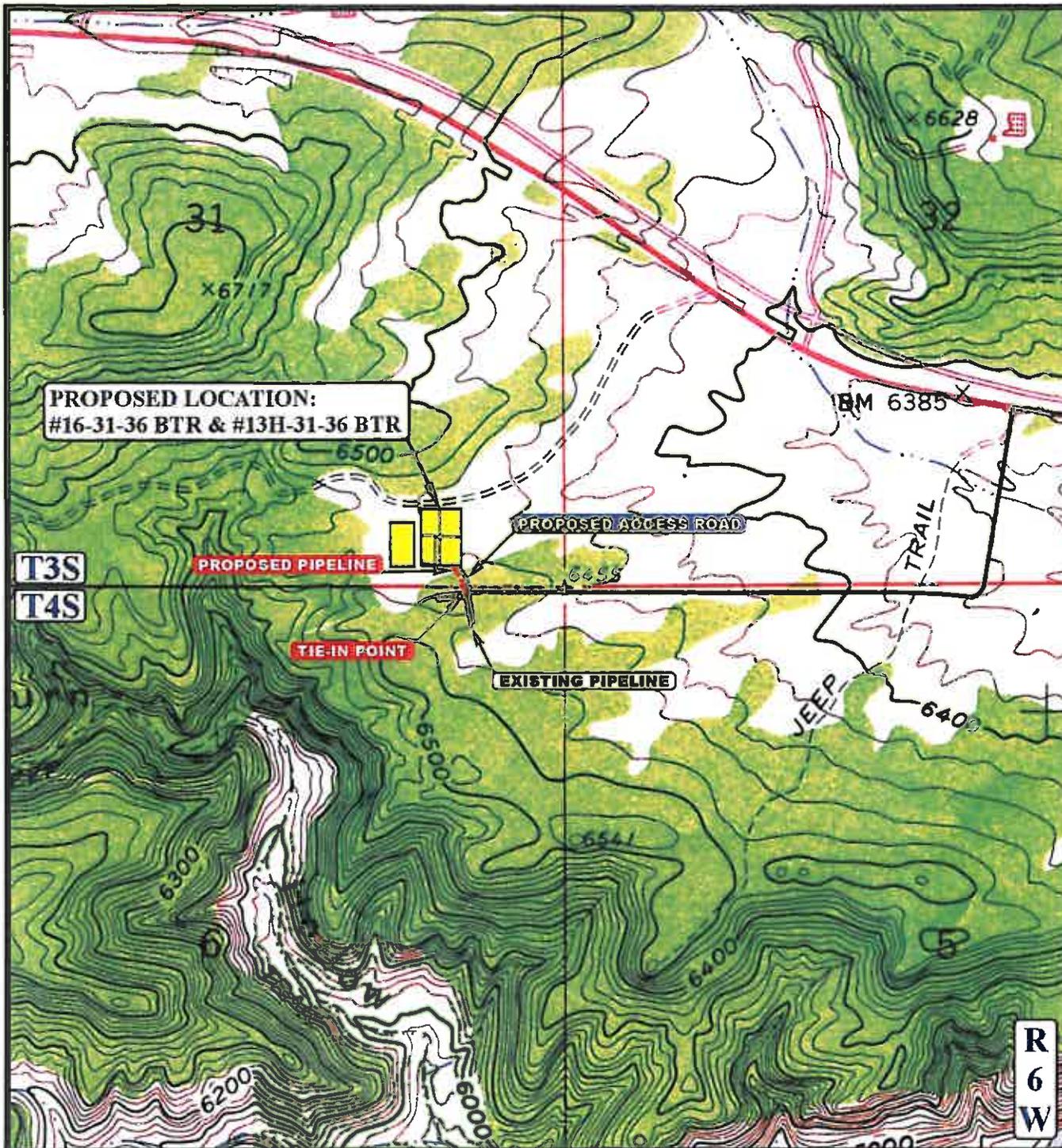
ACCESS ROAD
MAP

08	30	10
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 09-24-10

B
TOPO

'APIWellNo:43013504650000'



**PROPOSED LOCATION:
#16-31-36 BTR & #13H-31-36 BTR**

**T3S
T4S**

**R
6
W**

APPROXIMATE TOTAL PIPELINE DISTANCE = 230' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

BILL BARRETT CORPORATION

**#16-31-36 BTR & #13H-31-36 BTR
SECTION 31, T3S, R6W, U.S.B.&M.
SE 1/4 SE 1/4**

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



TOPOGRAPHIC MAP 08 30 10
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: J.J. REVISED: 09-24-10



'APIWellNo:43013504650000'

BILL BARRETT CORPORATION

#16-31-36 BTR & #13H-31-36 BTR

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 31, T3S, R6W, U.S.B.&M.

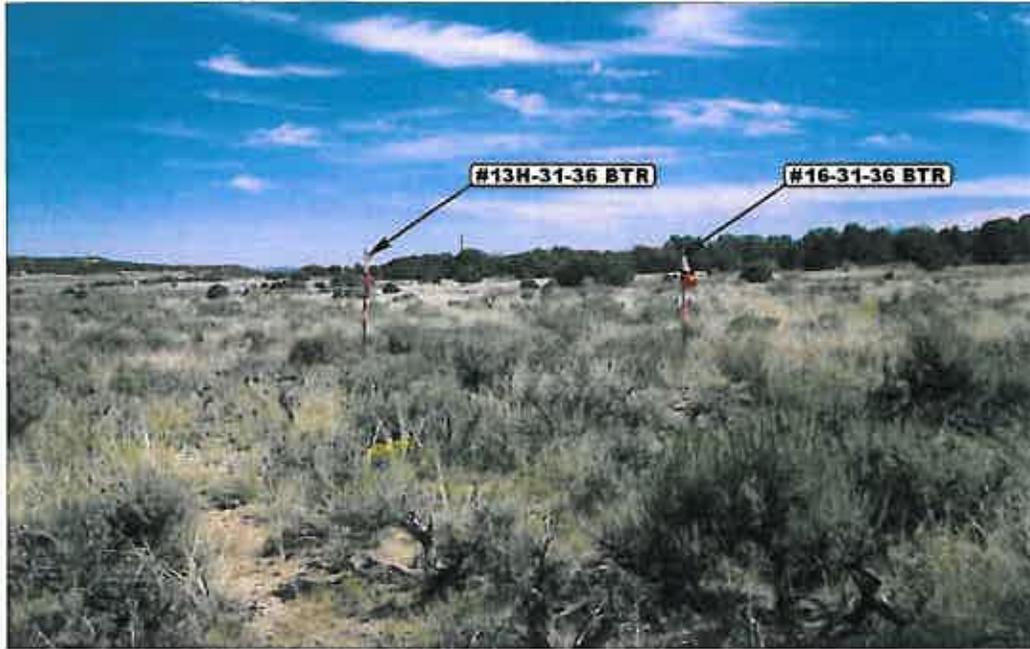


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



Since 1964

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E
L
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Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

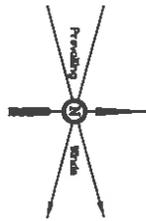
08 30 10
MONTH DAY YEAR

PHOTO

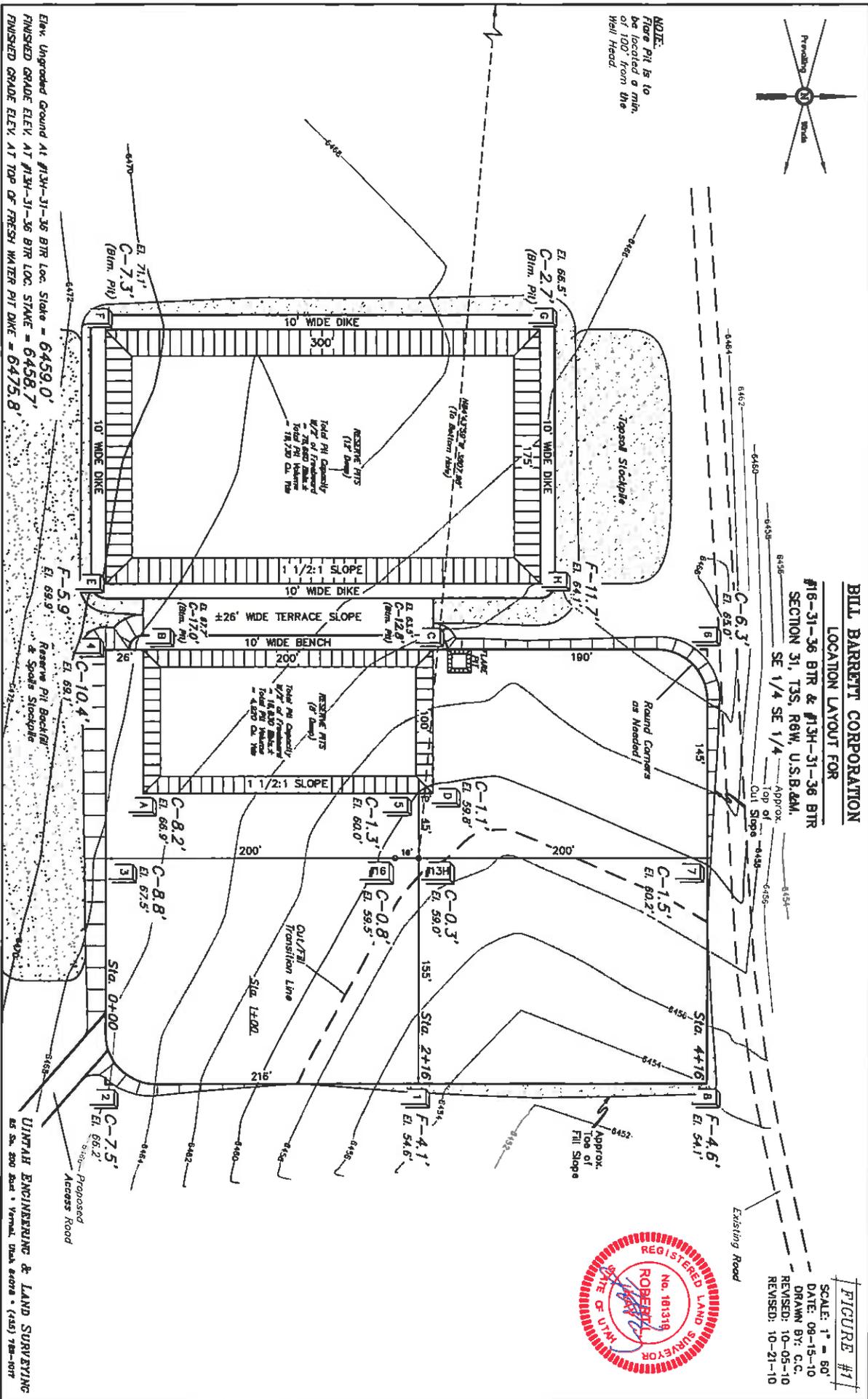
TAKEN BY: B.B.

DRAWN BY: J.J.

REVISED: 10-06-10



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



Elev. Ungraded Ground at #13H-31-36 BTR Loc. Stake = 6459.0'
FINISHED GRADE ELEV. AT #13H-31-36 BTR LOC. STAKE = 6458.7'
FINISHED GRADE ELEV. AT TOP OF FRESH WATER PIT DIKE = 6475.8'

BILL BARRETT CORPORATION
LOCATION LAYOUT FOR
#16-31-36 BTR & #13H-31-36 BTR
SECTION 31, T3S, R6W, U.S.B.M.
SE 1/4 SE 1/4

FIGURE #1
SCALE: 1" = 50'
DATE: 09-15-10
DRAWN BY: C.C.
REVISED: 10-05-10
REVISED: 10-21-10

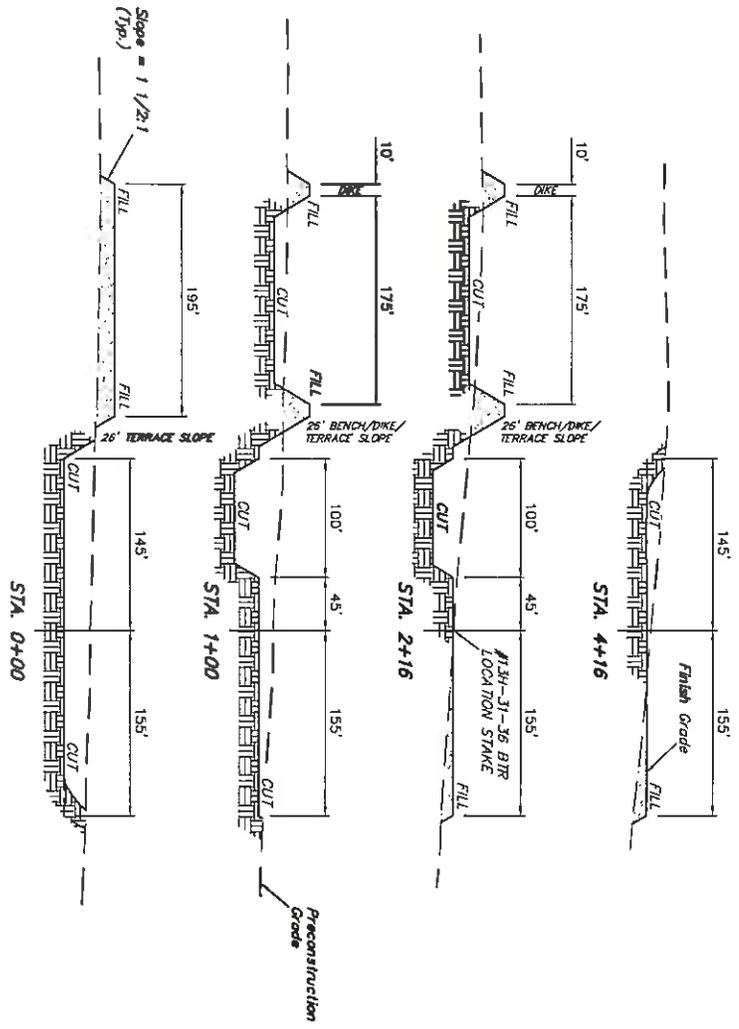


UTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 788-1077

APIWellNo:43013504650000'

40'
X-Section
Scale
1" = 100'
DATE: 09-15-10
DRAWN BY: C.C.
REVISED: 10-05-10

BILL BARRETT CORPORATION
TYPICAL CROSS SECTION FOR
#16-31-36 BTR & #13H-31-36 BTR
SECTION 31, T3S, R6W, U.S.B.&M.
SE 1/4 SE 1/4



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

APPROXIMATE ACREAGES
WELL SITE DISTURBANCE = ± 5.812 ACRES
ACCESS ROAD DISTURBANCE = ± 0.126 ACRES
PERLINE DISTURBANCE = ± 0.126 ACRES
TOTAL = ± 6.064 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Striping	= 4,160 Cu. Yds.	EXCESS MATERIAL	= 16,020 Cu. Yds.
Remaining Location	= 24,180 Cu. Yds.	Topsoil & Pil. Backfill	= 12,330 Cu. Yds.
TOTAL CUT	= 28,340 CU.YDS.	(1/2 Pil. Vol.)	
FILL	= 12,320 CU.YDS.	EXCESS UNBALANCE	= 3,690 Cu. Yds.
		(After Interdn Rehabilitation)	

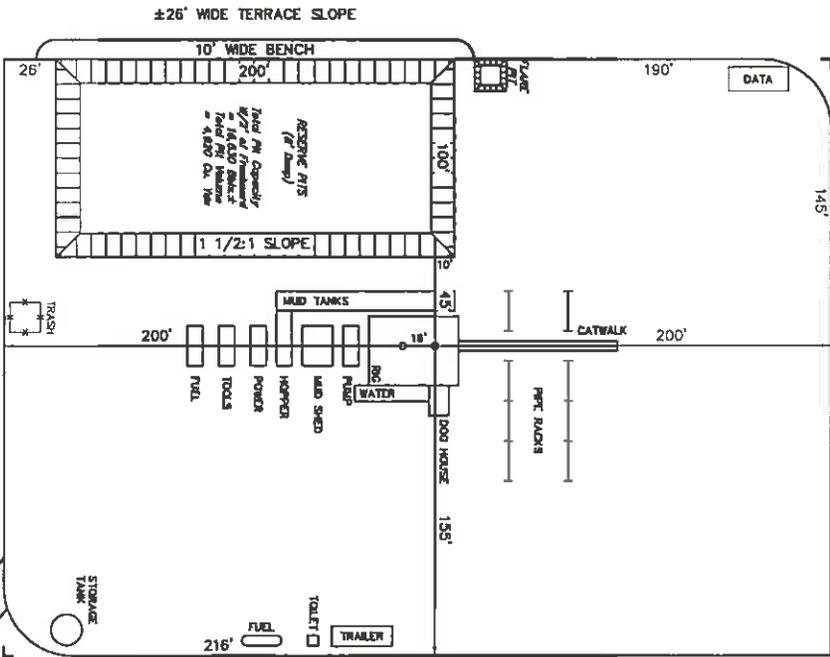
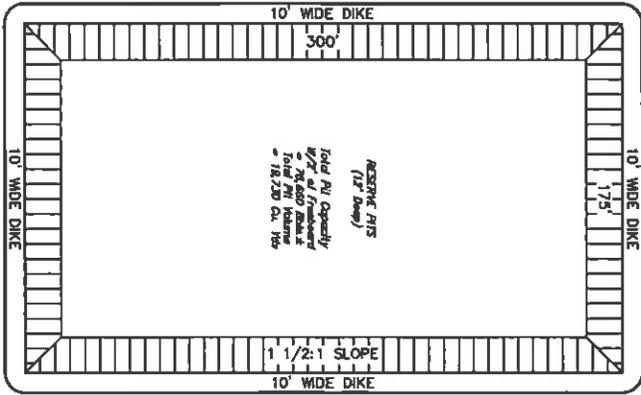
LINTAH ENGINEERING & LAND SURVEYING
85 St. 200 East • Vermont, Utah 84078 • (435) 785-1077



FIGURE #2



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



BILL BARRETT CORPORATION
 TYPICAL RIG LAYOUT FOR
 #16-31-36 BTR & #13H-31-36 BTR
 SECTION 31, T3S, R6W, U.S.B.&M.
 SE 1/4 SE 1/4

FIGURE #31
 SCALE: 1" = 60'
 DATE: 08-15-10
 DRAWN BY: C.C.



Proposed
 Access Road

UTAH ENGINEERING & LAND SURVEYING
 85 So. 300 East • Vermilion, Utah 84078 • (435) 788-8077

'APIWellNo:43013504650000'

BILL BARRETT CORPORATION
#16-31-36 BTR & #13H-31-36 BTR
SECTION 31, T3S, R6W, U.S.B.&M.

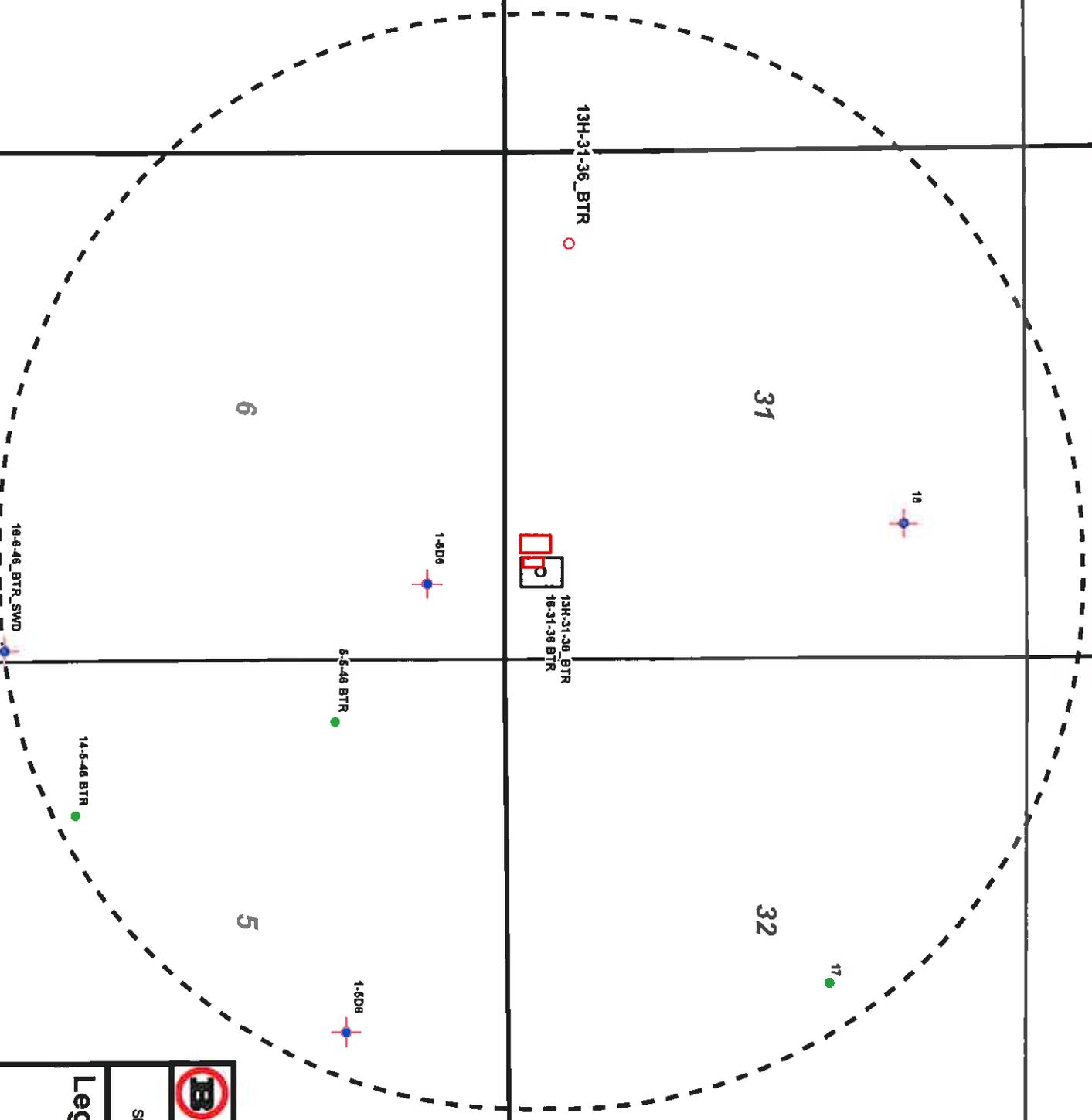
PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 10.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 183' TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 11.2 MILES.

ONE MILE RADIUS

3S/6W

4S/7W



Bill Barnett Corporation

13H & 16-31-36 BTR Pad
SESE, Section 31, T3S, R6W
Duchesne County, Utah

Legend

- Oil - 3 Total
- ★ P&A - 4 Total

00000050102701030200975959

Bill Barrett Corp
Duchesne County, UT (NAD 1927)
Sec. 31-T3S-R6W
#13H-31-36 BTR

"Vertical Hole Directional Work" - Option 2

Plan: Option 2 Proposal

Sperry Drilling Services

Proposal Report

27 October, 2010

Well Coordinates: 670,316.43 N, 2,251,824.33 E (40° 10' 12.79" N, 110° 35' 55.83" W)

Ground Level: 6,459.00 ft

Local Coordinate Origin:	Centered on Well #13H-31-36 BTR
Viewing Datum:	KB @ 6475.00ft (Patterson 506)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 2003.16 Build: 43f

HALLIBURTON



Plan Report for #13H-31-36 BTR - Option 2 Proposal

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,370.00	0.00	0.00	2,370.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River										
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,150.00	0.00	0.00	4,150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP - Begin 3.0°/100' Nudge to North at 4150.00ft										
4,200.00	1.50	0.00	4,199.99	0.65	0.00	0.06	3.00	3.00	0.00	0.00
4,300.00	4.50	0.00	4,299.85	5.89	0.00	0.55	3.00	3.00	0.00	0.00
4,400.00	7.50	0.00	4,399.29	16.34	0.00	1.53	3.00	3.00	0.00	0.00
4,436.07	8.58	0.00	4,435.00	21.38	0.00	2.00	3.00	3.00	0.00	0.00
TGR3										
4,483.33	10.00	0.00	4,481.64	29.01	0.00	2.72	3.00	3.00	0.00	0.00
End of Nudge - Begin 10° Tangent at 4483.33ft										
4,500.00	10.00	0.00	4,498.06	31.91	0.00	2.99	0.00	0.00	0.00	0.00
4,600.00	10.00	0.00	4,596.54	49.27	0.00	4.62	0.00	0.00	0.00	0.00
4,700.00	10.00	0.00	4,695.02	66.64	0.00	6.24	0.00	0.00	0.00	0.00
4,800.00	10.00	0.00	4,793.50	84.00	0.00	7.87	0.00	0.00	0.00	0.00
4,900.00	10.00	0.00	4,891.98	101.37	0.00	9.50	0.00	0.00	0.00	0.00



Plan Report for #13H-31-36 BTR - Option 2 Proposal

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
5,000.00	10.00	0.00	4,990.46	118.73	0.00	11.13	0.00	0.00	0.00	0.00
5,100.00	10.00	0.00	5,088.94	136.10	0.00	12.75	0.00	0.00	0.00	0.00
5,200.00	10.00	0.00	5,187.42	153.46	0.00	14.38	0.00	0.00	0.00	0.00
5,299.08	10.00	0.00	5,285.00	170.67	0.00	15.99	0.00	0.00	0.00	0.00
Douglas Creek										
5,300.00	10.00	0.00	5,285.90	170.83	0.00	16.01	0.00	0.00	0.00	0.00
5,400.00	10.00	0.00	5,384.38	188.19	0.00	17.64	0.00	0.00	0.00	0.00
5,483.33	10.00	0.00	5,466.45	202.66	0.00	18.99	0.00	0.00	0.00	0.00
Begin 7.48°/100ft Build and Turn Toward BHL Target at 5483.33ft										
5,500.00	10.08	352.86	5,482.86	205.56	-0.18	19.44	7.48	0.48	-42.85	-89.83
5,600.00	13.27	318.59	5,580.90	222.87	-8.87	29.72	7.48	3.18	-34.27	-82.79
5,700.00	19.00	300.97	5,676.97	239.88	-30.45	52.80	7.48	5.74	-17.62	-49.18
5,740.55	21.63	296.58	5,715.00	246.62	-42.80	65.72	7.48	6.47	-10.83	-32.23
3Point Marker										
5,800.00	25.63	291.73	5,769.46	256.29	-64.55	88.29	7.48	6.74	-8.15	-28.11
5,900.00	32.62	286.17	5,856.78	271.83	-110.60	135.58	7.48	6.98	-5.56	-23.66
6,000.00	39.77	282.41	5,937.44	286.23	-167.80	193.88	7.48	7.15	-3.76	-18.79
6,100.00	47.00	279.64	6,010.07	299.24	-235.18	262.19	7.48	7.24	-2.77	-15.75
6,200.00	54.29	277.46	6,073.44	310.65	-311.60	339.35	7.48	7.29	-2.18	-13.73
6,300.00	61.62	275.64	6,126.46	320.26	-395.76	424.03	7.48	7.32	-1.81	-12.35
6,365.14	66.40	274.59	6,155.00	325.47	-454.06	482.56	7.48	7.34	-1.61	-11.38
Black Shale Penetration Point: 708' FSL, 1334' FEL - Black Shale Facies										
6,400.00	68.96	274.06	6,168.24	327.90	-486.21	514.80	7.48	7.35	-1.52	-10.92
6,500.00	76.32	272.64	6,198.05	333.45	-581.43	610.12	7.48	7.36	-1.43	-10.72
6,600.00	83.69	271.29	6,215.40	336.82	-679.78	708.36	7.48	7.37	-1.34	-10.30
6,699.26	91.00	270.00	6,220.00	337.93	-778.86	807.10	7.48	7.37	-1.30	-10.06
End of Build and Turn at 6699.26ft										
6,700.00	91.00	270.00	6,219.99	337.93	-779.60	807.84	0.00	0.00	0.00	0.00
6,800.00	91.00	270.00	6,218.24	337.93	-879.59	907.38	0.00	0.00	0.00	0.00
6,900.00	91.00	270.00	6,216.50	337.93	-979.57	1,006.93	0.00	0.00	0.00	0.00
7,000.00	91.00	270.00	6,214.75	337.93	-1,079.56	1,106.47	0.00	0.00	0.00	0.00
7,100.00	91.00	270.00	6,213.01	337.93	-1,179.54	1,206.02	0.00	0.00	0.00	0.00
7,200.00	91.00	270.00	6,211.26	337.93	-1,279.53	1,305.56	0.00	0.00	0.00	0.00
7,300.00	91.00	270.00	6,209.52	337.93	-1,379.51	1,405.11	0.00	0.00	0.00	0.00
7,400.00	91.00	270.00	6,207.77	337.93	-1,479.50	1,504.65	0.00	0.00	0.00	0.00
7,500.00	91.00	270.00	6,206.03	337.93	-1,579.48	1,604.20	0.00	0.00	0.00	0.00
7,600.00	91.00	270.00	6,204.28	337.93	-1,679.46	1,703.74	0.00	0.00	0.00	0.00
7,700.00	91.00	270.00	6,202.53	337.93	-1,779.45	1,803.29	0.00	0.00	0.00	0.00
7,800.00	91.00	270.00	6,200.79	337.93	-1,879.43	1,902.83	0.00	0.00	0.00	0.00
7,900.00	91.00	270.00	6,199.04	337.93	-1,979.42	2,002.38	0.00	0.00	0.00	0.00
8,000.00	91.00	270.00	6,197.30	337.93	-2,079.40	2,101.92	0.00	0.00	0.00	0.00
8,100.00	91.00	270.00	6,195.55	337.93	-2,179.39	2,201.47	0.00	0.00	0.00	0.00
Hold Angle at 91.00°										
8,200.00	91.00	270.00	6,193.81	337.93	-2,279.37	2,301.01	0.00	0.00	0.00	0.00
8,300.00	91.00	270.00	6,192.06	337.93	-2,379.36	2,400.56	0.00	0.00	0.00	0.00
8,400.00	91.00	270.00	6,190.32	337.93	-2,479.34	2,500.10	0.00	0.00	0.00	0.00
8,500.00	91.00	270.00	6,188.57	337.93	-2,579.33	2,599.65	0.00	0.00	0.00	0.00
8,600.00	91.00	270.00	6,186.83	337.93	-2,679.31	2,699.19	0.00	0.00	0.00	0.00
8,700.00	91.00	270.00	6,185.08	337.93	-2,779.30	2,798.74	0.00	0.00	0.00	0.00
8,800.00	91.00	270.00	6,183.34	337.93	-2,879.28	2,898.28	0.00	0.00	0.00	0.00
8,900.00	91.00	270.00	6,181.59	337.93	-2,979.27	2,997.82	0.00	0.00	0.00	0.00
9,000.00	91.00	270.00	6,179.85	337.93	-3,079.25	3,097.37	0.00	0.00	0.00	0.00
9,100.00	91.00	270.00	6,178.10	337.93	-3,179.24	3,196.91	0.00	0.00	0.00	0.00
9,200.00	91.00	270.00	6,176.36	337.93	-3,279.22	3,296.46	0.00	0.00	0.00	0.00
9,300.00	91.00	270.00	6,174.61	337.93	-3,379.21	3,396.00	0.00	0.00	0.00	0.00
9,400.00	91.00	270.00	6,172.87	337.93	-3,479.19	3,495.55	0.00	0.00	0.00	0.00
9,500.00	91.00	270.00	6,171.12	337.93	-3,579.18	3,595.09	0.00	0.00	0.00	0.00
9,510.96	91.00	270.00	6,170.93	337.93	-3,590.13	3,606.00	0.00	0.00	0.00	0.00



Plan Report for #13H-31-36 BTR - Option 2 Proposal

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
4,150.00	4,150.00	0.00	0.00	KOP - Begin 3.0°/100' Nudge to North at 4150.00ft
4,483.33	4,481.64	29.01	0.00	End of Nudge - Begin 10° Tangent at 4483.33ft
5,483.33	5,466.45	202.66	0.00	Begin 7.48°/100ft Build and Turn Toward BHL Target at 5483.33ft
6,365.14	6,155.00	325.47	-454.06	Black Shale Penetration Point: 708' FSL, 1334' FEL
6,699.26	6,220.00	337.93	-778.86	End of Build and Turn at 6699.26ft
8,100.00	6,195.55	337.93	-2,179.39	Hold Angle at 91.00°
9,510.96	6,170.93	337.93	-3,590.13	Total Depth at 9510.96ft
9,510.96	6,170.93	337.93	-3,590.13	BHL: 721' FSL, 701' FWL

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (ft)	Origin +E/-W (ft)	Start TVD (ft)
TD	No Target (Freehand)	275.38	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
0.00	9,510.96	Option 2 Proposal	MWD

Formation Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,370.00	2,370.00	Green River		0.00	
4,436.07	4,435.00	TGR3		0.00	
5,299.08	5,285.00	Douglas Creek		0.00	
5,740.55	5,715.00	3Point Marker		0.00	
6,365.14	6,155.00	Black Shale Facies		0.00	

Targets associated with this wellbore

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
13H-31-36 BTR_Option 2_BHL Tgt	6,170.93	337.93	-3,590.13	Point

North Reference Sheet for Sec. 31-T3S-R6W - #13H-31-36 BTR - "Vertical Hole Directional Work" - Option 2

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to KB @ 6475.00ft (Patterson 506). Northing and Easting are relative to #13H-31-36 BTR

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is -111.50°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991590

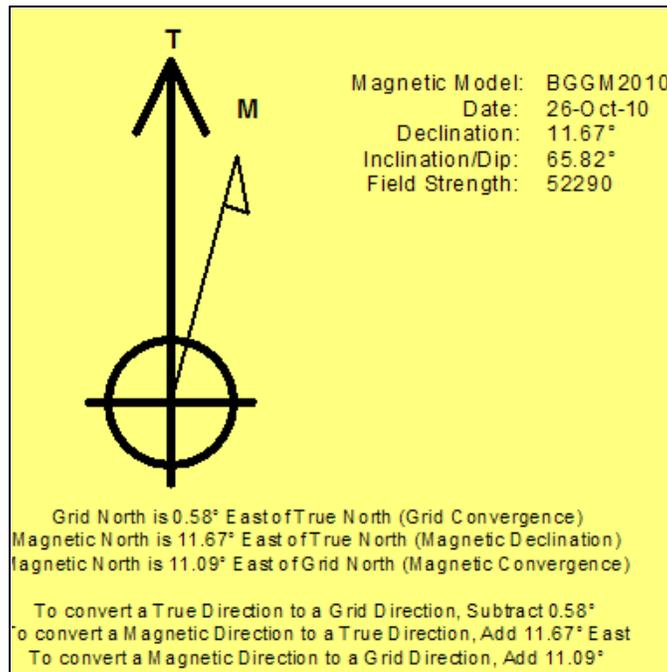
Grid Coordinates of Well: 670,316.43 ft N, 2,251,824.33 ft E

Geographical Coordinates of Well: 40° 10' 12.79" N, 110° 35' 55.83" W

Grid Convergence at Surface is: 0.58°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,510.96ft the Bottom Hole Displacement is 3,606.00ft in the Direction of 275.38° (True).

Magnetic Convergence at surface is: -11.09° (26 October 2010, , BGGM2010)



Project: Duchesne County, UT (NAD 1927)

Site: Sec. 31-T3S-R6W

Well: #13H-31-36 BTR

Wellbore: "Vertical Hole Directional Work" - Option 2

Design: Option 2 Proposal

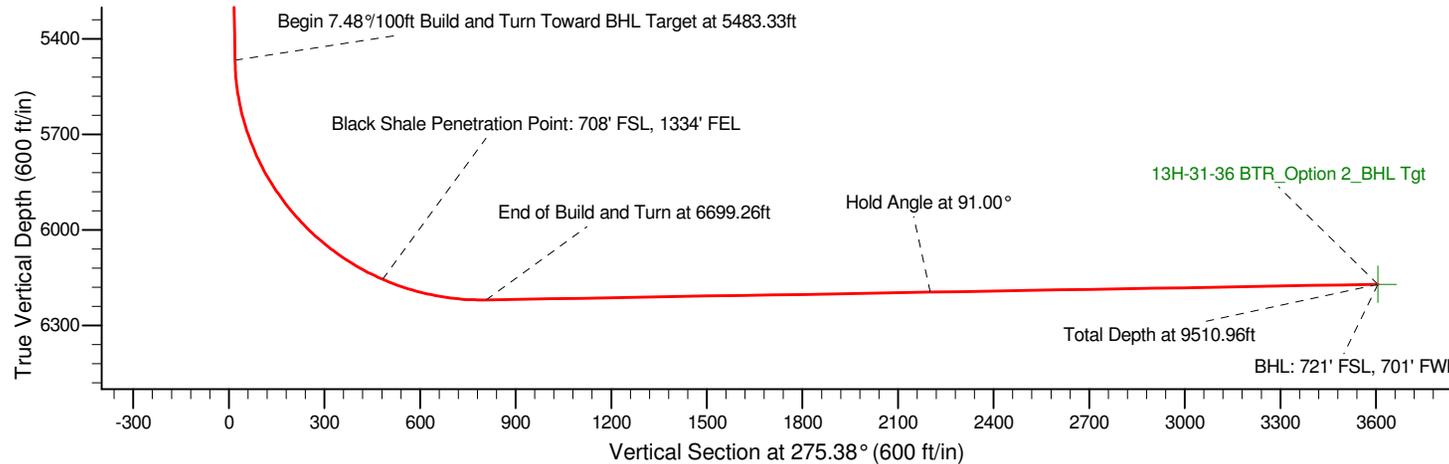
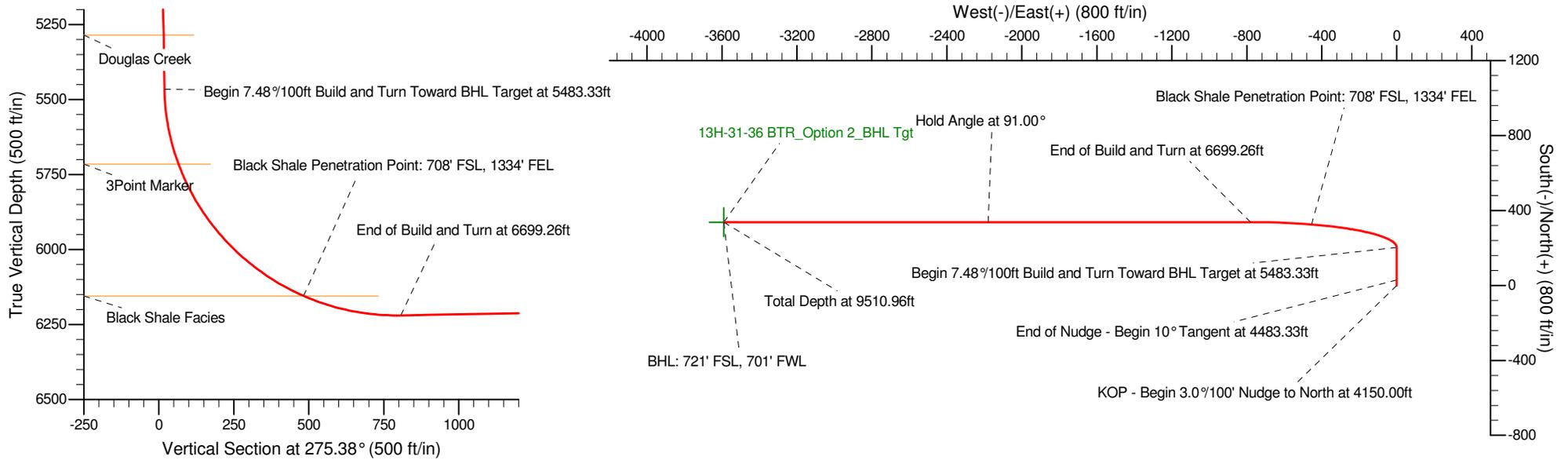
Bill Barrett Corp

HALLIBURTON

Sperry Drilling

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	4150.00	0.00	0.00	4150.00	0.00	0.00	0.00	0.00	0.00	0.00
3	4483.33	10.00	0.00	4481.64	29.02	0.00	3.00	0.00	2.72	
4	5483.33	10.00	0.00	5466.45	202.66	0.00	0.00	0.00	18.99	
5	6699.26	91.00	270.00	6220.00	337.93	-778.86	7.48	-89.83	807.10	
6	9510.96	91.00	270.00	6170.93	337.93	-3590.13	0.00	0.00	3606.00	



WELL DETAILS: #13H-31-36 BTR			
Ground Level:	6459.00		
Northing	Easting	Latitude	Longitude
670316.43	2251824.3340°	10° 12.788 N	110° 35' 55.831 W

Plan: Option 2 Proposal ("Vertical Hole Directional Work" - Option 2)	
Created By: Jay Lantz	Date: 14:09, October 27 2010
Checked: _____	Date: _____
Reviewed: _____	Date: _____
Approved: _____	Date: _____

API Well No: 43013504650000

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

This Agreement, made and entered into this the 1st day of October, 2010, by and Hilario Figueroa and Maria C. Figueroa, husband and wife, as joint tenants, 3751 West 4400 South, West Valley City, UT 84120-5553 ("Surface Owner") and Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver CO 80202, ("BBC").

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases ("leases") covering and affecting the All of Section 31, Township 3 South, Range 6 West, USM, of Duchesne County, Utah; and,

WHEREAS, such leases grant to BBC the right and privilege of ingress, egress, exploring, drilling, mining, operating for, producing and owning oil and gas and all other products produced therewith, together with the right to make surveys on said lands, lay pipelines, construct roads and bridges, dig canals, build power stations, telephone lines, employee houses and other structures on said lands, necessary or useful in BBC's operations; and,

WHEREAS, BBC, pursuant to its rights under the Leases, intends to drill the #16-31-36 BTR and #13H-31-36 BTR wells at a legal drill-site location in the W1/2SE14/SE1/4 of Section 31, Township 3 South, Range 6 West, USM, Duchesne County, Utah; and,

WHEREAS, Surface Owner warrants ownership to the surface of at least specific portions of the W1/2SE1/4SE1/4 of Section 31, Township 3 South, Range 6 West, USM, Duchesne County, Utah, and which warranted ownership is further subject to all oil, gas and other mineral rights which are reserved for the use and benefit of the owners thereof; and,

WHEREAS, BBC has agreed to reimburse Surface Owner for actual damages and injuries to all crops, timber, fences and other improvements located on the surface which results from BBC's operations hereunder, provided that BBC shall not be held liable or responsible for acts of providence or occurrences beyond BBC's control, such payment to be made upon commencement of operations to construct the wellsite pad; so,

NOW, THEREFORE, in consideration of TEN (10) AND MORE DOLLARS (\$10.00) and other good and valuable consideration paid by BBC to Surface Owner, the receipt and sufficiency of which is hereby acknowledged, said Surface Owner does hereby release BBC, its agents, employees, licensees, permittees, successors and assigns from all claims for damages as hereinafter provided, which are occasioned by any drilling, testing, completing, producing, operating, reworking and abandoning operations conducted by BBC at the above mentioned well, and agrees that BBC, its agents, employees, licensees, permittees, successors and assigns, may enter upon said premises and construct and maintain such roadways, bridges, and other means of access as are necessary to enable BBC on said location, for the purpose of erecting all necessary surface equipment, including but not limited to separators and tank battery storage facilities and other related facilities for the operating of the subject well or any other well(s) operated by BBC in the general area. Said location and road to be located as shown on Exhibit "A" attached hereto.

For the same consideration, Surface Owner does hereby grant and convey unto BBC, its successors and assigns, the right, at any time and from time to time, to lay, construct, reconstruct, replace, renew, operate, maintain, repair, change the size of, and remove a pipeline or pipelines for the transportation of oil, petroleum or any of its products, gas, water, saltwater and other substances, or any byproducts thereof, along, over, through, upon under and across the route of any such lines constructed hereunder,

together with rights of ingress and egress to and from said line or lines for the purposes aforesaid. Such pipeline or pipelines to be buried to a depth of at least four feet below the surface. Such pipeline or pipelines to be constructed within the boundaries of the right-of-way granted herein as shown on Exhibit "B" attached hereto.

Surface Owner hereby releases BBC, its successors and assigns, from any and all damages and claims asserted. The consideration paid by BBC to Surface Owner is accepted by Surface Owner as full and final satisfaction for any and all damages and claims for damages to the surface which result from any of BBC's operations and privileges granted under the above Leases. Surface Owner hereby waives the right to collect any further and additional damages that may hereafter be asserted in connection with BBC's use of the land as further described on Exhibits "A and B" attached hereto and agrees to accept in lieu of any such future claims the agreed upon payment provided for in this Agreement.

Nothing herein shall alter or affect the rights of either party hereto with respect to surface use or disturbance of Surface Owner's land surrounding the drillsite locations, respectively, and BBC agrees to give Surface Owner advance notice of its intended use of any such surrounding land before commencing any operations thereon pursuant to its rights. Compensation for the use of any additional lands used by BBC shall be mutually agreed upon.

Surface Owner and BBC do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or their agents, contractors licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of its, or its predecessors, agents, contractors, licensees, permittees, successor and assigns, and shall not include any acts and/or omissions of the other party, its agents, contractors, licensees, permittees, successors or assigns. BBC shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an uncluttered condition.

Any topsoil which is removed by BBC on Surface Owner's land will be stockpiled at the drillsite and will be redistributed on the drillsite upon completion of all operations and the land reseeded with grasses and/or native plants by BBC upon written request by Surface Owner. All mud pits will be filled and material and debris will be removed from the drillsite upon completion of operations. BBC shall remove from the lands covered hereby, at any time during the term hereof or within six (6) months after the plugging and abandonment of the well drilled pursuant to this Agreement, any or all structures, pipes, equipment and other facilities placed on, over, under, through and across any lands covered hereby, excepting fences, culverts, and other land improvements required by the Surface Owner, and title thereto shall be vested in BBC at all times, and shall in no event be considered or construed as fixtures thereto.

BBC shall maintain all roads used pursuant to this Agreement and shall install culverts where necessary to insure adequate drainage from all roads.

Surface Owner and their heirs or assigns shall have full access and use of the road built pursuant to this Agreement.

This Agreement shall inure to the benefit of the parties hereto, their heirs, successors and assigns and shall be a burden running with the land.

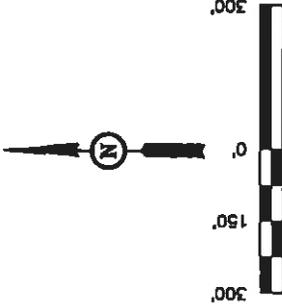
This Agreement may be executed in any number of counterparts and all such counterparts shall be deemed to constitute a single Agreement and the execution of one counterpart by any party hereto shall have the same force and effect as if said party had signed all other counterparts.

IN WITNESS WHEREOF, the parties have executed this Surface Damage Settlement Agreement effective as of the 1st day of October, 2010.

BILL BARRETT CORPORATION
LOCATION SURFACE USE AREA
& ROAD RIGHT-OF-WAY
ON FEE LANDS

(For #16-31-36 BTR & #13H-31-36 BTR)

LOCATED IN
 SECTION 31, T3S, R6W, U.S.B.&M. &
 SECTION 6, T4S, R6W, U.S.B.&M.
 DUCHESNE COUNTY, UTAH



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 31, T3S, R6W, U.S.B.&M. WHICH BEARS N78°41'00"W 747.77' FROM THE SOUTHEAST CORNER OF SAID SECTION 31, THENCE N89°58'08"W 539.18'; THENCE N00°01'53"E 350.00'; THENCE N82°16'31"E 249.36'; THENCE S89°58'07"E 350.00'; THENCE S00°01'53"W 466.00'; THENCE N89°58'07"W 31.54' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 5.812 ACRES MORE OR LESS.

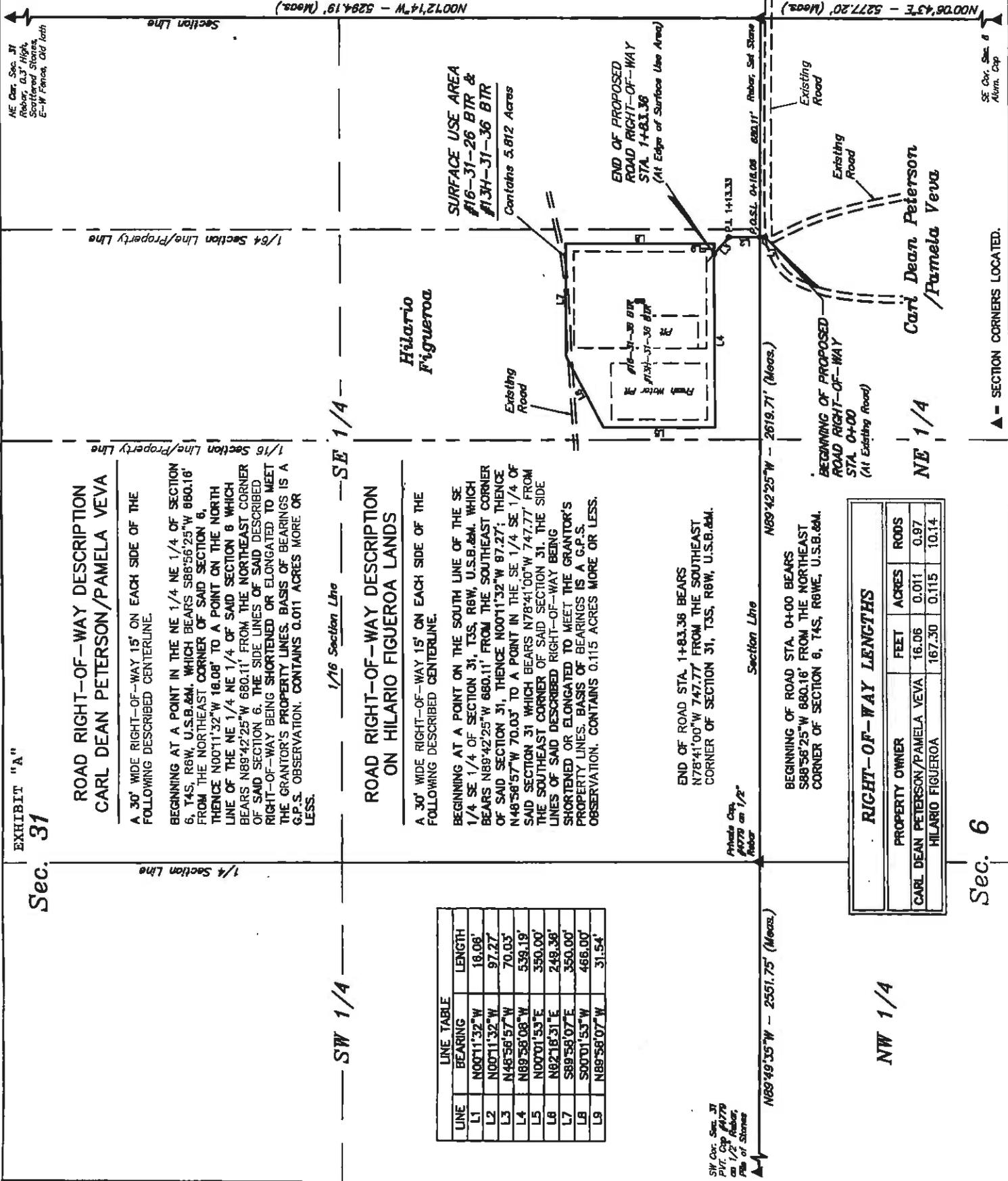
CERTIFICATE

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



UNITAR ENGINEERING & LAND SURVEYING
 85 SOUTH - 200 EAST • (435) 789-1017
 VERNAL, UTAH - 84078

SCALE	1" = 300'	DATE	09-15-10
PARTY	U.F. C.C.	REFERENCES	G.L.O. PLAT
WEATHER	WARM	FILE	4 9 9 6 8



LINE	BEARING	LENGTH
L1	N00°11'32"W	18.06'
L2	N00°11'32"W	97.27'
L3	N49°56'57"W	70.03'
L4	N89°58'08"W	539.18'
L5	N00°01'53"E	350.00'
L6	N82°16'31"E	249.36'
L7	S89°58'07"E	350.00'
L8	S00°01'53"W	466.00'
L9	N89°58'07"W	31.54'

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
CARL DEAN PETERSON/PAMELA VEVA	16.06	0.011	0.87
HILARIO FIGUEROA	167.30	0.115	10.14

▲ = SECTION CORNERS LOCATED.

Sec. 6

NW 1/4

SW Cor. Sec. 31
 Plat. Cap. #1779
 as 1/2" Rubber,
 File of Stamps

NE Cor. Sec. 31
 Rubber, 0.3" High,
 Scattered Stamps,
 E-W Fences, Old Ioth

SE Cor. Sec. 6
 Alum. Cap

EXHIBIT "B"
Sec. 31

BILL BARRETT CORPORATION
PIPELINE RIGHT-OF-WAY
ON FEE LANDS
(For #16-31-36 BTR & #13H-31-36 BTR)

LOCATED IN
SECTION 31, T3S, R6W, U.S.B.&M. &
SECTION 6, T4S, R6W, U.S.B.&M.
DUCHESE COUNTY, UTAH

NE Cor. Sec. 31
Rabot, 0.3' High,
Scattered Stones,
E-W Fence, Old Isth

Section Line
N007214°W - 5294.19' (Meas.)

1/64 Section Line/Property Line

1/16 Section Line/Property Line

1/4 Section Line

SW 1/4

SE 1/4

1/16 Section Line

PIPELINE RIGHT-OF-WAY DESCRIPTION
ON HILARIO FIGUEROA LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 31, T3S, R6W, U.S.B.&M. WHICH BEARS N78°13'37"W 785.13' FROM THE SOUTHEAST CORNER OF SAID SECTION 31, THENCE S48°52'37"E 87.40'; THENCE S00°12'10"E 85.87' TO A POINT ON THE SOUTH LINE OF THE SE 1/4 SE 1/4 OF SAID SECTION 31 WHICH BEARS N89°42'25"W 705.16' FROM THE SOUTHEAST CORNER OF SAID SECTION 31. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.119 ACRES MORE OR LESS.

Hilario Figueroa

LINE	BEARING	LENGTH
L1	S48°52'37"E	87.40'
L2	S00°12'10"E	85.87'
L3	S00°12'10"E	16.34'
L4	S15°47'41"E	40.87'

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT ON THE NORTH LINE OF THE NE 1/4 NE 1/4 OF SECTION 6, T4S, R6W, U.S.B.&M. WHICH BEARS N89°42'25"W 705.16' FROM THE NORTHEAST CORNER OF SAID SECTION 6, THENCE S00°12'10"E 16.34'; THENCE S15°47'41"E 40.87' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 6 WHICH BEARS S85°42'35"W 695.92' FROM THE NORTHEAST CORNER OF SAID SECTION 6. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.039 ACRES MORE OR LESS.

BEGINNING OF PIPELINE STA. 0+00 BEARS N78°13'37"W 785.13' FROM THE SOUTHEAST CORNER OF SECTION 31, T4S, R6W, U.S.B.&M.

Private Cap. 4 1/2" Rabot

Section Line

N89°49'35"W - 2551.75' (Meas.)

N89°42'25"W - 2619.71' (Meas.)

END OF PIPELINE STA. 2+30.28 BEARS S85°42'35"W 695.92' FROM THE NORTHEAST CORNER OF SECTION 6, T3S, R6W, U.S.B.&M.

END OF PROPOSED PIPELINE RIGHT-OF-WAY STA. 2+30.28 (At Existing Pipeline)

NW 1/4

Sec. 6

NE 1/4

▲ = SECTION CORNERS LOCATED.

SE Cor. Sec. 6 Alum. Cap



BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
HILARIO FIGUEROA	173.07	0.119	10.49
CARL DEAN PETERSON/PAMELA VEVA	57.21	0.039	3.47

SW Cor. Sec. 31
Pvt. Cap #4778
as 1/2" Rabot,
Pie of Stones

CERTIFICATE
THIS IS TO CERTIFY THAT THE PLATS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
DATE: 09-15-10



UNTAE ENGINEERING & LAND SURVEYING
86 SOUTH - 200 EAST • (435) 789-1077
VERNAL, UTAH - 84078

SCALE	1" = 300'	DATE	09-15-10
PARTY	J.F. C.C.	REFERENCES	G.L.O. PLAT
WEATHER	WARM	FILE	4 9 9 6 9

STATE OF UTAH
COUNTY OF DUCHESNE

SURFACE LAND USE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, Carl Dean Peterson and Veva Pamela Peterson, whose mailing address is PO Box 93, Duchesne, UT 84021 (hereinafter referred to as GRANTOR), whether one or more), is the owner of the surface of the following described property located in Duchesne County, Utah, to-wit:

TOWNSHIP 4 SOUTH, RANGE 6 WEST, USM
Section 6: NE1/4NE1/4

See Exhibits "A" and "B" Attached

WHEREAS, Bill Barrett Corporation., whose address is 1099 18th Street, Suite 2300, Denver, CO 80202 (hereinafter referred to as GRANTEE) desires to construct an access road and a pipeline or pipelines and appurtenances thereto for the transportation of natural gas, water, saltwater and other substances on a portion of said property.

WHEREAS, Grantee has agreed to reimburse Grantor for actual damages and injuries to all crops, timber, fences and other improvements located on the surface which results from grantee's operations hereunder, provided that Grantee shall not be held liable or responsible for acts of providence or occurrences beyond Grantee's control, such payment to be made upon commencement of operations to construct the road and pipeline or pipelines; so,

NOW THEREFORE, for and in consideration of the sum of ten dollars (\$10.00) and other valuable considerations, the receipt and sufficiency of which is hereby acknowledged, Grantor does hereby grant, sell and convey unto Grantee, its successors and assigns, the easement and right to use that portion of the herein above described property as may be necessary to construct an access road and to construct, entrench, maintain, operate, replace, remove, protect or abandon a pipeline or pipelines for the transportation of natural gas, water, saltwater and other substances exclusively with appurtenances thereto, including, but not limited to, valves, metering equipment, and cathodic equipment (said access road, pipeline or pipelines, appurtenances, valves, metering equipment, cathodic equipment being sometimes collectively called the "facilities") over, under and through the hereinafter described land as described in the attached Exhibits "A" and "B".

Grantee shall have the free right of ingress and egress to, over, upon, through and across said right-of-way and easement for any and all purposes that may be necessary or incidental to the maintenance of the right-of-way and easement, with the right to use existing roads which enter Grantor's property for the purpose of constructing, inspecting, repairing and maintaining the facilities and the removal or replacement of same at will, either in whole or in part, and the replacement of said pipeline or pipelines with either like or different size pipe. During temporary periods, Grantee may use such portions of the property along and adjacent to said right-of-way as may be necessary in connection with construction, maintenance, repair, removal or replacement of the facilities and if such use cause any damages to Grantor's lands outside of the above described right-of-way, Grantee shall pay Grantor for such damages.

Grantor reserves the right to the use and enjoyment of said property except for the purposes herein granted, but such use shall not hinder, conflict or interfere with Grantee's surface or subsurface rights hereunder or disturb its facilities. Grantor may construct roads, fences, water lines and utilities across the easement as long as they do not cause damage to the pipeline. Prior to construction of any road, fence, water line or utility Grantor shall notify Grantee and Grantor and Grantor shall work together in cooperation to make sure the pipeline or pipelines are not damaged. No reservoir or structure shall be constructed, created or maintained on, over, along or within the lands covered by this easement without Grantee's prior written consent.

The Grantor hereby covenants and warrants that he is the surface owner of the above-described land, and has the right to enter into this agreement.

FOR THE SAME CONSIDERATION RECITED ABOVE, Grantor and Grantee do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or, their agents, contractors, licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of it, or its predecessors, agents, contractors, licensees, permittees, successors, and assigns, and shall not include any acts and/or omissions of the other party, its agents, contractors, licensees, permittees, successors or assigns. Grantee shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an uncluttered condition.

TO HAVE AND TO HOLD the above described rights and easements, together with all rights necessary to operate and maintain the natural gas line over the right-of-way hereby granted unto the said Grantee, its successors and assigns, until such time as the right-of-way and easement is abandoned under the terms stipulated herein. The Grantee may assign the rights and easements herein granted, either in whole or in part, subject to the terms of this grant, and such rights and easements shall be covenants running with the land and are binding upon Grantor, Grantor's heirs, legal representatives and successors in title.

Grantee shall repair or replace any fences damaged by them, their employees or contractors with a new fence that will be exactly the same type of fence that is damaged. Grantee shall also reseed the pipeline damaged area with native grasses.

Upon abandonment of the facilities Grantee shall restore such facilities to as near its original condition as possible and shall furnish a recordable document evidencing such abandonment to Grantor, or Grantor's successors in interest, and all rights that Grantee has under the terms of this Agreement shall be terminated.

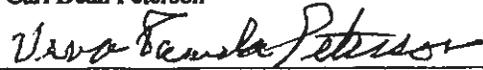
The making, execution and delivery of this document by Grantor has been induced by no representations, statements, warranties, or other agreements other than those herein expressed. This agreement embodies the entire understanding of the parties, and this instrument may be amended or modified only by subsequent written agreement of the parties.

This agreement shall inure to the benefit of the parties hereto, their heirs, successors, and assigns and shall be a burden running with the land.

IN WITNESS WHEREOF, this Surface Land Use Agreement is executed as of the dates of the respective acknowledgments of the parties hereto, but is effective as of the 4th day of October, 2010.

GRANTOR:

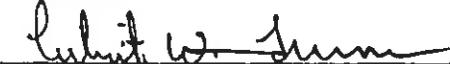
By: 
Carl Dean Peterson

By: 
Veva Pamela Peterson

Date: 10 . 12 . 10

GRANTEE:

BILL BARRETT CORPORATION

By: 
Clint W. Turner, as Agent for Bill Barrett Corporation

ACKNOWLEDGMENT

STATE OF UTAH

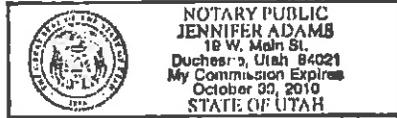
COUNTY OF DUCHESNE

On this 12th day of October, 2010, before me personally appeared Carl Dean Peterson and Veva Pamela Peterson, known to me to be the persons who are described in and who executed the within instrument and acknowledged to me that they executed the same.

WITNESS my hand and official seal.

Jennifer Adams
Notary Public
Residing at: Duchesne UT.

My Commission Expires: 10 30 2010



ACKNOWLEDGMENT

STATE OF UTAH

COUNTY OF SALT LAKE

On this 26 day of OCT, 2010, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent for Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

My Commission Expires: 10-24-2014

Daniel William Costley
Notary Public
Residing at: Midvale, UT.

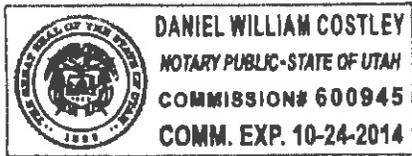


EXHIBIT "A"
31

**ROAD RIGHT-OF-WAY DESCRIPTION
CARL DEAN PETERSON/PAMELA VEVA**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
BEGINNING AT A POINT IN THE NE 1/4 NE 1/4 OF SECTION 6, T4S, R6W, U.S.B.&M. WHICH BEARS S88°56'25"W 880.16' FROM THE NORTHEAST CORNER OF SAID SECTION 6, THENCE N00°11'32"W 16.08' TO A POINT ON THE NORTH LINE OF THE NE 1/4 NE 1/4 OF SAID SECTION 6 WHICH BEARS N89°42'25"W 680.16' FROM THE NORTHEAST CORNER OF SAID SECTION 6, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.011 ACRES MORE OR LESS.

**ROAD RIGHT-OF-WAY DESCRIPTION
ON HILARIO FIGUEROA LANDS**

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
BEGINNING AT A POINT ON THE SOUTH LINE OF THE SE 1/4 SE 1/4 OF SECTION 31, T3S, R6W, U.S.B.&M. WHICH BEARS N89°42'25"W 680.11' FROM THE SOUTHEAST CORNER OF SAID SECTION 31, THENCE N00°11'32"W 87.27'; THENCE N48°58'57"W 70.03' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 31 WHICH BEARS N78°41'00"W 747.77' FROM THE SOUTHEAST CORNER OF SAID SECTION 31, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.115 ACRES MORE OR LESS.

LINE	BEARING	LENGTH
L1	N00°11'32"W	16.08'
L2	N00°11'32"W	97.27'
L3	N48°58'57"W	70.03'
L4	N89°58'07"W	539.19'
L5	N00°01'53"E	350.00'
L6	N62°18'31"E	248.36'
L7	S89°58'07"E	350.00'
L8	S00°01'53"W	466.00'
L9	N89°58'07"W	31.54'

SW Cor. Sec. 31
Pvt. Cap. #179
on 1/2" Rubber,
File of Stones

N89°49'35"W - 2551.75' (Meas.)

Private Cap. #179 on 1/2" Rubber

END OF ROAD STA. 1+83.36 BEARS N78°41'00"W 747.77' FROM THE SOUTHEAST CORNER OF SECTION 31, T3S, R6W, U.S.B.&M.

BEGINNING OF ROAD STA. 0+00 BEARS S89°58'25"W 680.16' FROM THE NORTHEAST CORNER OF SECTION 6, T4S, R6W, U.S.B.&M.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
CARL DEAN PETERSON/PAMELA VEVA	16.08	0.011	0.97
HILARIO FIGUEROA	167.30	0.115	10.14

Sec. 6

NW 1/4

NE 1/4

Carl Dean Peterson
/ Pamela Veva

A - SECTION CORNERS LOCATED.

SE Cor. Sec. 6
Alum. Cap

NE Cor. Sec. 31
Rubber, 1/2" High,
Spherical Stones,
E-W Pinner, 0.67' Inch

1/16 Section Line/Property Line

N00°12'14"W - 5294.19' (Meas.)

1/16 Section Line

SE 1/4

SW 1/4

**BILL BARRETT CORPORATION
LOCATION SURFACE USE AREA
& ROAD RIGHT-OF-WAY
ON FEE LANDS**

(For #16-31-36 BTR & #13H-31-36 BTR)

LOCATED IN
SECTION 31, T3S, R6W, U.S.B.&M. &
SECTION 6, T4S, R6W, U.S.B.&M.
DUCHESNE COUNTY, UTAH



SCALE

BASIS OF BEARINGS

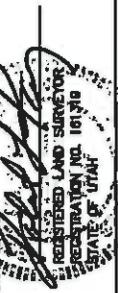
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 31, T3S, R6W, U.S.B.&M. WHICH BEARS N78°41'00"W 747.77' FROM THE SOUTHEAST CORNER OF SAID SECTION 31, THENCE N89°58'08"W 539.19'; THENCE N00°01'53"E 350.00'; THENCE N62°18'31"E 248.36'; THENCE S89°58'07"E 350.00'; THENCE S00°01'53"W 466.00'; THENCE N89°58'07"W 31.54' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 5.812 ACRES MORE OR LESS.

CERTIFICATE

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



UTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (436) 789-1077
VERNAL, UTAH - 84076

SCALE 1" = 500'
DATE 09-15-10

PARTY J.F. C.C.
REFERENCES G.L.O. PLAT

WEATHER WARM
FILE 4 9 9 6 8

EXHIBIT "B"
Sec. 31

PIPELINE RIGHT-OF-WAY DESCRIPTION
ON HILARIO FIGUEROA LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 31, T3S, R6W, U.S.B.&M. WHICH BEARS N79°13'37"W 785.13' FROM THE SOUTHEAST CORNER OF SAID SECTION 31, THENCE S48°52'37"E 87.40'; THENCE S00°12'10"E 85.67' TO A POINT ON THE SOUTH LINE OF THE SE 1/4 SE 1/4 OF SAID SECTION 31 WHICH BEARS N89°42'25"W 705.16' FROM THE SOUTHEAST CORNER OF SAID SECTION 31, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.118 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION
CARL DEAN PETERSON/PAMELA VEVA

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.
BEGINNING AT A POINT ON THE NORTH LINE OF THE NE 1/4 NE 1/4 OF SECTION 6, T4S, R6W, U.S.B.&M. WHICH BEARS N89°42'25"W 705.16' FROM THE NORTHEAST CORNER OF SAID SECTION 6, THENCE S00°12'10"E 18.34'; THENCE S15°47'41"E 40.87' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 6 WHICH BEARS S85°42'35"W 695.92' FROM THE NORTHEAST CORNER OF SAID SECTION 6, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.039 ACRES MORE OR LESS.

LINE	BEARING	LENGTH
L1	S48°52'37"E	87.40'
L2	S00°12'10"E	85.67'
L3	S00°12'10"E	18.34'
L4	S15°47'41"E	40.87'

SW Cor. Sec. 31
Pvt. Cap #1779
on 1/2" Rebar
File of Shuman

N89°49'35"W - 2551.75' (Meas.)

Sec. 6

NE Cor. Sec. 31
Rebar, 0.3" High,
Scattered Stones,
E-W Fence, Old 1/4th

1/16 Section Line/Property Line

Hilario
Figueroa

SURFACE USE AREA
#16-31-26 BTR &
#13H-31-36 BTR

BEGINNING OF PROPOSED
PIPELINE RIGHT-OF-WAY
STA. 0+00
(At Edge of Surface Use Area)

Private Cap
#1779 on 1/2"
Rebar

Section Line

N89°42'25"W - 2619.71' (Meas.)

END OF PROPOSED
PIPELINE RIGHT-OF-WAY
STA. 2+30.28
(At Existing Pipeline)

Carl Dean Peterson
/ Pamela Veva

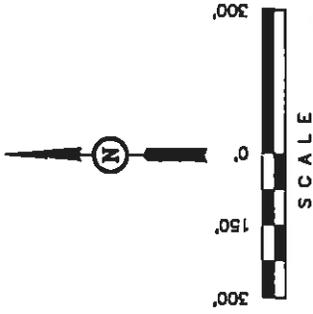
NE 1/4

▲ - SECTION CORNERS LOCATED.

SE Cor. Sec. 6
Alum. Cap

BILL BARRETT CORPORATION
PIPELINE RIGHT-OF-WAY
ON FEE LANDS
(For #16-31-36 BTR &
#13H-31-36 BTR)

LOCATED IN
SECTION 31, T3S, R6W, U.S.B.&M. &
SECTION 6, T4S, R6W, U.S.B.&M.
DUCHESE COUNTY, UTAH



BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
HILARIO FIGUEROA	173.07	0.119	10.49
CARL DEAN PETERSON/PAMELA VEVA	57.21	0.039	3.47

CERTIFICATE
THIS IS TO CERTIFY THAT THE SURVEY PLAT/MAP PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE BEARINGS, TRIMBLE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UNTAH ENGINEERING & LAND SURVEYING
86 SOUTH - 200 EAST • (435) 788-1077
VEENAL, UTAH - 84078

SCALE	1" = 300'	DATE	09-15-10
PARTY	J.F. C.C.	REFERENCES	G.L.O. PLAT
WEATHER	WARM	FILE	4 9 9 6 9

SURFACE USE PLAN

BILL BARRETT CORPORATION

13H-31-36 BTR Well Pad

SHL: SESE, 383' FSL, 880' FEL, Section 31, T3S, R6W, USB&M
BHL: SWSW, 700' FSL, 700' FWL, Section 31, T3S, R6W, USB&M
Duchesne County, Utah

This is a multiple well pad with one vertical well and one horizontal well proposed. Surface ownership for the pad and a segment of the access and pipeline corridor is Hilario Figueroa with the remaining access road and pipeline corridor crossing Carl Dean Peterson/ Pamela Veva (Private.) BBC would adhere to the surface use conditions set forth in the approved Surface Damage Settlement Agreement.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:
 - a. The proposed well site is located approximately 11.2 miles west of Duchesne, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic maps A and B).
 - b. The existing El Paso 1-6D6 access road would be utilized for 0.9 miles with no improvements anticipated. The existing encroachment to the UDOT maintained SR-40 would be utilized with no improvements anticipated.
 - c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
 - d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
 - e. The use of roads under State and Duchesne County Road Department maintenance are necessary to access the project area with no improvements proposed.
 - f. All existing roads would be maintained and kept in good repair during all phases of operation.

2. Planned Access Road:

- a. Approximately 183 feet of new access road is proposed entering the south side of the pad area (see Topographic Map B).
- b. The road would be constructed to a 30-foot right-of-way (ROW) width with an 18-foot travel surface.
- c. New road construction and improvements of existing roads would typically require the use of motor graders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- e. A maximum grade of 10% would be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private or State of Utah lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Turnouts are not proposed because the access road is short and adequate site distance exists in all directions.
- i. No culverts or low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.

- j. No cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- l. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function and as per the approved surface damage agreement.
- m. The operator would be responsible for all maintenance needs of the new access road.

3. Location of Existing Wells (see One-Mile Radius Map):

- a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i. water wells	none
ii. injection wells	none
iii. disposal wells	none
iv. drilling wells	none
v. temp shut-in wells	none
vi. producing wells	three
vii. abandoned wells	four

4. Location of Production Facilities

- a. Surface facilities would consist of two wellheads, two separators, two gas meters, (1) 500 gal methanol tank, (1) 500 gal glycol tank, (4) 500 bbl oil tanks, (2) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, two pumping units with natural gas fired motor, solar panels, solar chemical and methanol pumps and one trace pump.
- b. Most wells would be fitted with a pump jack to assist liquid production if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (75 horsepower or less), natural gas-fired internal combustion engines.

- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.
- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
- f. Approximately 230 feet of pipeline corridor containing up to three lines (one gas pipeline up to 8 inch in diameter, one water line up to 4 inch in diameter and one residue line up to 4 inch in diameter) is proposed. The gas pipeline would connect to the existing pipeline servicing the El Paso 1-6D6 well site (see Topographic Map C) and water and residue lines would connect to field water transfer and residue lines (some of which may be futures) . Pipelines would be constructed of steel, polyethylene or fiberglass. The pipeline crosses two private landowners with surface use in place.
- g. The new segment of gas pipeline would be buried within a 30 foot pipeline corridor across entirely private surface.
- h. The use of the proposed well site and access roads would facilitate the staging of the pipeline construction.
- i. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- j. All permanent above-ground structures would be painted a flat, non-reflective color, such as Juniper Green, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- k. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.

- l. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Type of Water Supply:

- a. Water for the drilling and completion would be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W, USB&M.
- b. No new water well is proposed with this application.
- c. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights.
- d. Water use would vary in accordance with the formations to be drilled but would be up to approximately 4.1 acre feet for drilling and completion operations.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be removed from federal or Ute Tribal lands.
- c. If any additional gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.
- b. A reserve pit and freshwater pond are proposed. Both would be constructed so as not to leak, break or allow any discharge
- c. The reserve pit and the freshwater pond would be lined with 12 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, soil and/or bentonite if rock is encountered during excavation. Liners would overlap the pit and pond walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liners would be discarded in the pit or pond. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the reserve pit and pond at all times.
- d. To deter livestock from entering the pit and pond, the three sides exterior to the location would be fenced before drilling starts. Following the conclusion of drilling and completion activities, the fourth side would also be fenced. The liners would be torn and perforated before backfilling of the reserve pit and pond.

- e. Drill cuttings would be contained in the pit and buried on-site for a period not to exceed six months, weather permitting.
- f. The fresh water pond (capacity of 76,660 bbls) would contain only fresh water needed for the frac operation and all flowback from the frac operation would be placed into tanks and hauled to a state approved disposal facility.
- g. Produced fluids from the well other than water would be decanted into steel test tank(s) until such time as construction of production facilities is completed. Any oil that may be accumulated would be transferred to a permanent production tank. Produced water may be used in further drilling and completion activities, evaporated in the pit, or would be hauled to one of the state-approved disposal facilities below:
 - 1. RNI Industries, Inc. – Pleasant Valley Disposal Pits
Sec. 25, 26, 35 & 36, T4S-R3W
 - 2. Pro Water LLC – Blue Bench 13-1 Disposal Well (43-013-30971)
NENE, Sec. 13, T3S-R5W
 - 3. RN Industries, Inc. – Bluebell Disposal Ponds
Sec. 2, 4 & 9, T2S-R2W
 - 4. Water Disposal, Inc. – Harmston 1-32-A1 Disposal Well (43-013-30224), UTR #00707, Sec. 32, T1S-R1W
- h. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- i. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- j. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- k. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain

portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.

- l. Sanitary waste equipment and trash bins would be removed from the Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- m. A flare pit may be constructed a minimum of 110 feet from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- n. Hydrocarbons would be removed from the reserve pit would as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- b. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.

9. Well Site Layout:

- a. The well would be properly identified in accordance with 43 CFR 3162.6.

- b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1 and 2).
- c. The pad has been staked at its maximum size of 400 feet x 300 feet with an inboard reserve pit size of 100 feet x 200 feet x 8 feet deep.
- d. The fresh water pond has also been staked at its maximum size of 175 feet by 300 feet and would be 12 feet deep
- e. Liners would overlay straw, soil and/or bentonite if rock is encountered during excavation. Liners would overlap the pit/pond walls and be held in place by dirt and rocks.
- f. The disturbed area of the pad, reserve pit and fresh-water pond is approximately 5.812 acres.
- g. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- h. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- i. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- j. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- k. Water application may be implemented if necessary to minimize the amount of fugitive dust.
- l. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Restoration of the Surface:

- a. Site reclamation would be accomplished for portions of the well pad not required for the continued operation of the well on this pad within six months of completion, weather permitting.

- b. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal, according to the Utah Noxious Weed Act and as set forth in the approved surface damage agreements.
 - c. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location.
 - d. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit and freshwater pond would be allowed to dry prior to the commencement of backfilling work. No attempts would be made to backfill the reserve pit until it is free of standing water. Once dry, the liner would be torn and perforated before backfilling.
 - e. The reserve pit and freshwater pond and that portion of the location not needed for production facilities/operations would be recontoured to the approximate natural contours. Areas not used for production purposes would be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes would be reduced as practical and scarified with the contour. The reserved topsoil would be evenly distributed over the slopes and scarified along the contour. Slopes would be seeded with a seed mix as prescribed by the landowner.
 - f. Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the landowner prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.
11. Surface and Mineral Ownership:
- a. Surface ownership –
 - i. Well site, access and pipeline corridor segment: **Hilario Figueroa**
 - ii. Access and pipeline corridor segment: **Carl Dean Peterson/ Pamela Veva**
 - b. Mineral ownership – Ute Indian Tribe - 988 South 7500 East; Ft. Duchesne, Utah 84026; 435-725-4982.
12. Other Information:
- a. Montgomery Archeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No.10-213, dated 10/13/2010. “No historic properties affected”.

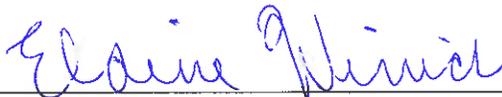
- b. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs or firearms within the Project Area.
 - No littering within the Project Area.
 - Smoking within the Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders.
 - Campfires or uncontained fires of any kind would be prohibited.
 - Portable generators used in the Project Area would have spark arrestors.

OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Bill Barrett Corporations federal nationwide bond. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

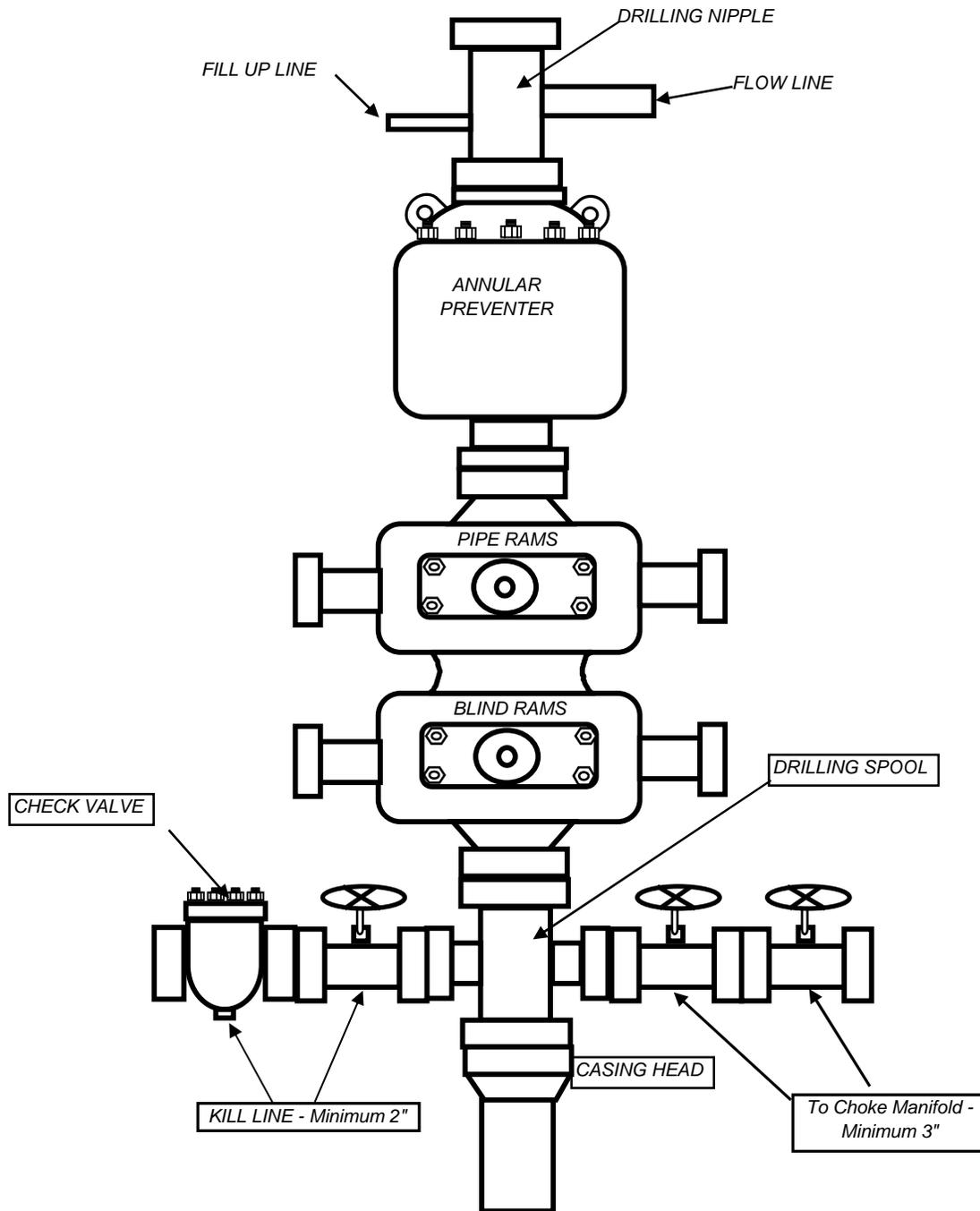
Executed this	<u>4</u> day of <u>November</u> 2010
Name:	Elaine Winick
Position Title:	Senior Permit Analyst
Address:	1099 18 th Street, Suite 2300, Denver, CO 80202
Telephone:	303-312-8168
E-mail:	ewinick@billbarrettcorp.com
Field Representative	Kary Eldredge / Bill Barrett Corporation
Address:	1820 W. Highway 40, Roosevelt, UT 84066
Telephone:	435-725-3515 (office); 435-724-6789 (mobile)
E-mail:	keldredge@billbarrettcorp.com



Elaine Winick, Senior Permit Analyst

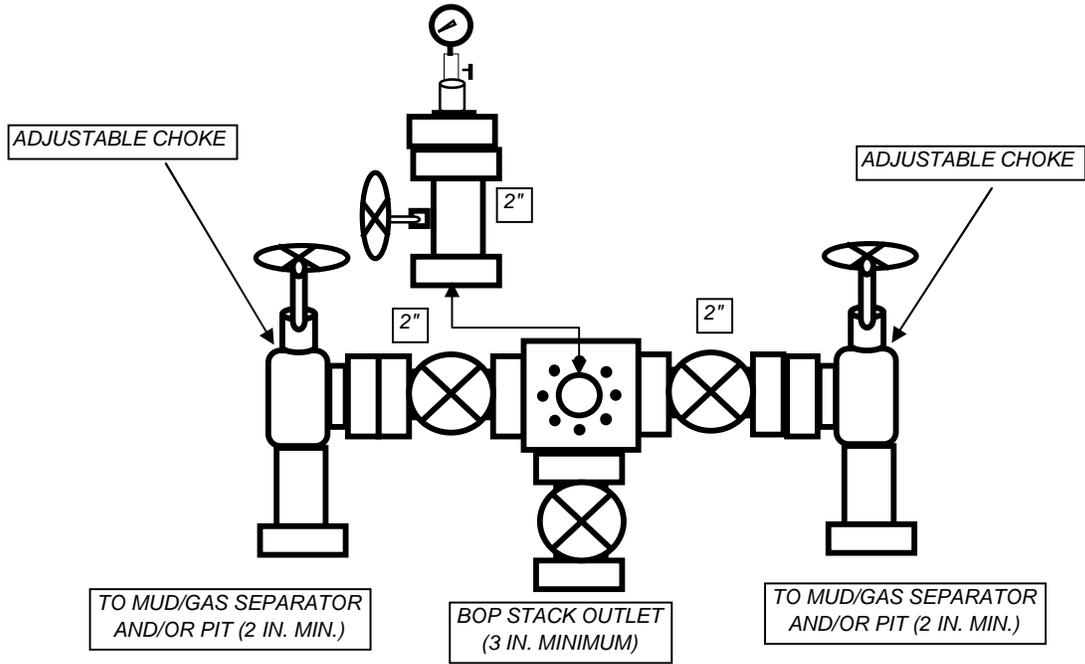
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





November 4, 2010

Ms. Diana Mason, Petroleum Technician
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: Horizontal Drilling
#13H-31-36 BTR
T3S-R6W, S.L.B.&M.
Section 31: SE1/4SE1/4
Duchesne County, Utah**

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above-referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-2 pertaining to a temporary 640 acre spacing unit for a horizontal well.

- Tribal Lease #14-20-H62-____, which includes all of the subject Section 31 and other lands, will be earned by the drilling of the #13H-31-36BTR Well.
- The 13H-31-36 BTR will be perforated no less than 660 feet from the Section 31 Tribal Lease boundary, in accordance with R649-3-2(3).

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-2. If you should have any questions or need further information, please contact me at 303-312-8544.

Sincerely,

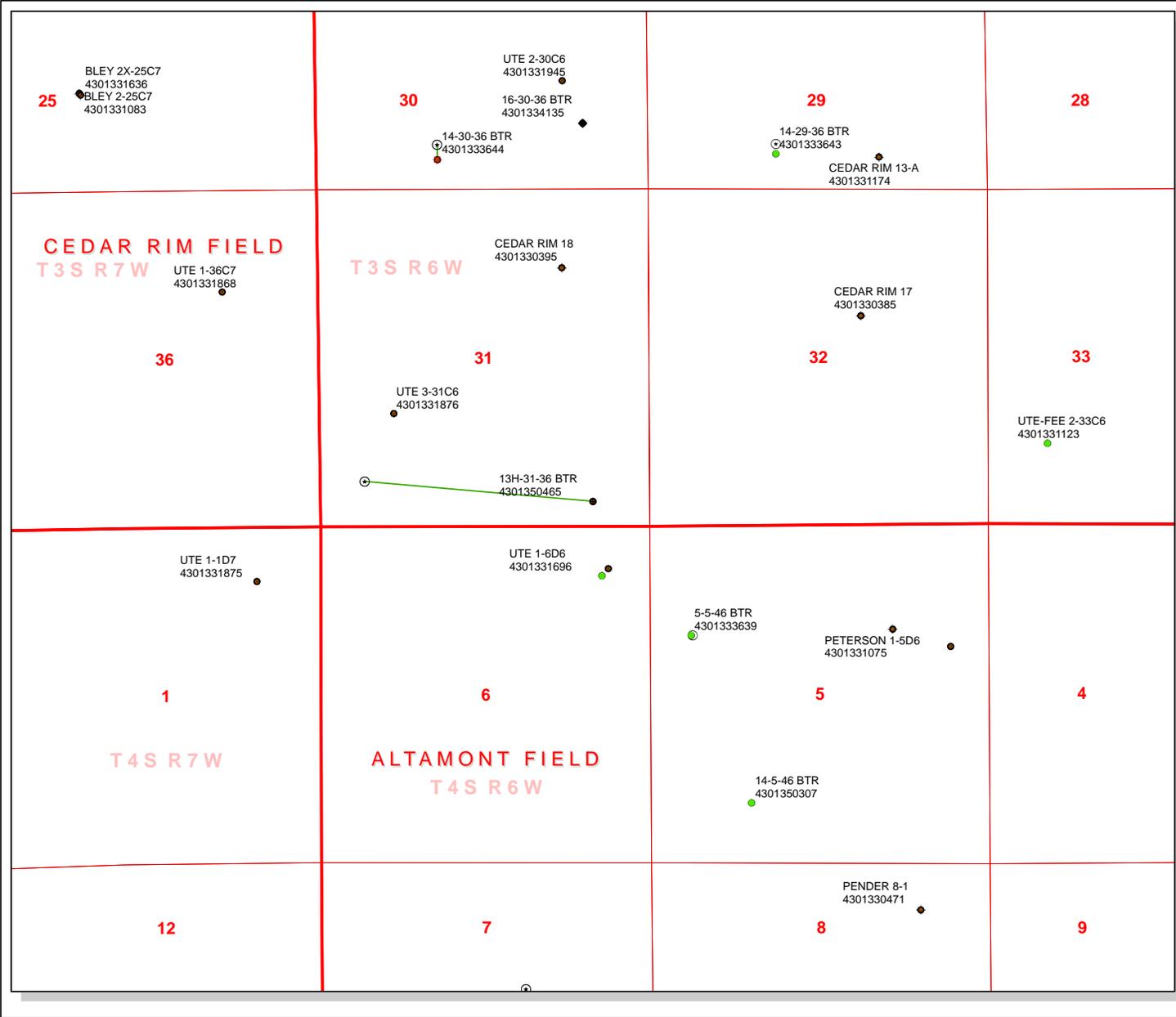
David Watts

David Watts
Landman

*by
EW*

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

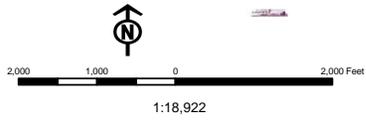
'APIWellNo:43013504650000'



API Number: 4301350465
Well Name: 13H-31-36 BTR
Township 03.0 S Range 06.0 W Section 31
Meridian: UBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	✖ <call other values>
ACTIVE	◆ APD - Approved Permit
EXPLORATORY	⊙ DRL - Spudded (Drilling Commenced)
GAS STORAGE	⚡ GW - Gas Injection
NF PP OIL	⚡ GS - Gas Storage
NF SECONDARY	⊗ LA - Location Abandoned
PI OIL	⊕ LDC - New Location
PP GAS	⊗ OPS - Operation Suspended
PP GEOTHERML	⊗ PA - Plugged Abandoned
PP OIL	⊗ PGW - Producing Gas Well
SECONDARY	⊗ POW - Producing Oil Well
TERMINATED	⊗ RET - Returned APD
Fields	⊗ SGW - Shut-in Gas Well
Sections	⊗ SOW - Shut-in Oil Well
Township	⊗ TA - Temp. Abandoned
⊙ Bottom Hole Location - AGRC	⊗ TW - Test Well
	⊗ WDW - Water Disposal
	⊗ WW - Water Injection Well
	⊗ WSW - Water Supply Well



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	BILL BARRETT CORP				
Well Name	13H-31-36 BTR				
API Number	43013504650000	APD No	3122	Field/Unit	CEDAR RIM
Location: 1/4,1/4	SESE	Sec	31	Tw	3.0S
		Rng	6.0W	383	FSL 880 FEL
GPS Coord (UTM)	534157	4446518	Surface Owner	Hilario Figueroa	

Participants

Danny Rasmussen (UELS), Clint Turner (land man), Don Hamilton (Buys and Associates), James Hereford (BLM), Kary Eldredge (Bill Barret Corp)

Regional/Local Setting & Topography

This location lies approximately 10.5 miles due west of Duchesne Utah. The Strawberry river is 1 mile to the south, but the area around this location slopes gently to the east and eventually drains to the Strawberry River several miles to the east. Location area slopes only gently eastward and to the north and south are low rising hills. There are no visible drainages across this location.

Surface Use Plan

Current Surface Use
Wildlfe Habitat
Deer Winter Range

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.035	Width 300 Length 400	Onsite	UNTA

Ancillary Facilities Y

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Deer, elk, coyote, rabbits and other small mammals, song birds, raptors

Big sage, greaswood, grasses, saltbrush, shadscale

Soil Type and Characteristics

Clay loam topsoil, small scattered fractured stone on surface

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors	Site Ranking	
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Unknown	10
	Final Score	30
		1 Sensitivity Level

Characteristics / Requirements

There are two reserve pits proposed. The first is included in the location dimensions and is 100ft x 200ft x 12' deep. The other is to the west of the first and is 175ft x 300ft x 12ft deep and is outside of the location dimensions listed for the location. According to Kary Eldredge Bill Barret plans to use 20 mil liners.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

According to James Hereford of the BLM the land owner Hilario Figueroa was invited but did not wish to attend the onsite investigation. Mr. Hereford related the conversation he had with Mr. Figueroa and stated that Mr. Figueroa asked that when the well is reclaimed that top soil be replaced and reseeded but that the location be left flat and not recontoured. Mr. Hereford also stated that the BLM would require tanks and equipment to be either Marine Green or Beetle. These are colors which are available to baked on by the manufacturer. This appears to be a good site for well placement.

Richard Powell
Evaluator

11/16/2010
Date / Time

Application for Permit to Drill

Statement of Basis

12/21/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3122	43013504650000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Hilario Figueroa	
Well Name	13H-31-36 BTR		Unit		
Field	CEDAR RIM		Type of Work	DRILL	
Location	SESE 31 3S 6W U 383 FSL 880 FEL GPS Coord (UTM) 534157E 4446519N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

12/21/2010
Date / Time

Surface Statement of Basis

According to James Hereford of the BLM the land owner Hilario Figueroa was invited but did not wish to attend the onsite investigation. Mr. Hereford related the conversation he had with Mr. Figueroa and stated that Mr. Figueroa asked that when the well is reclaimed that top soil be replaced and reseeded but that the location be left flat and not recontoured. Mr. Hereford also stated that the BLM would require tanks and equipment to be either Marine Green or Beetle. These are colors which are available to be baked on by the manufacturer. This appears to be a good site for well placement.

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Richard Powell
Onsite Evaluator

11/16/2010
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/4/2010

WELL NAME: 13H-31-36 BTR

OPERATOR: BILL BARRETT CORP (N2165)

CONTACT: Elaine Winick

API NO. ASSIGNED: 43013504650000

PHONE NUMBER: 303 293-9100

PROPOSED LOCATION: SESE 31 030S 060W

SURFACE: 0383 FSL 0880 FEL

BOTTOM: 0700 FSL 0700 FWL

COUNTY: DUCHESNE

LATITUDE: 40.17024

UTM SURF EASTINGS: 534157.00

FIELD NAME: CEDAR RIM

LEASE TYPE: 2 - Indian

LEASE NUMBER: 2OG0005608

SURFACE OWNER: 4 - Fee

Permit Tech Review:

Engineering Review:

Geology Review:

LONGITUDE: -110.59885

NORTHINGS: 4446519.00

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT**
- Bond:** INDIAN - LPM 8874725
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** Duchesne City Culinary Water Dock
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

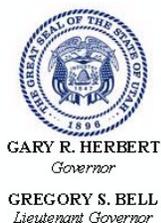
Commingle Approved

LOCATION AND SITING:

- R649-2-3.**
 - Unit:**
 - R649-3-2. General**
 - R649-3-3. Exception**
 - Drilling Unit**
 - Board Cause No:** R649-3-2.6
 - Effective Date:**
 - Siting:**
 - R649-3-11. Directional Drill**
-

Comments: Presite Completed
TEMP 640 ACRE SPACING:

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - bhll
26 - Temporary Spacing - bhll



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: 13H-31-36 BTR
API Well Number: 43013504650000
Lease Number: 2OG0005608
Surface Owner: FEE (PRIVATE)
Approval Date: 12/21/2010

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2.6. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

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.

Conditions of Approval:

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

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

A temporary 640 acre spacing unit is hereby established in Section 31, Township 3S, Range 6W USB&M for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

Notification Requirements:

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a faint, illegible stamp or background.

For John Rogers
Associate Director, Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 08 2010

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

5. Lease Serial No. 20G0005608	
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA Agreement, Name and No.	
8. Lease Name and Well No. 13H-31-36 BTR	
9. API Well No. 43 013 50465	
10. Field and Pool, or Exploratory CEDAR RIM	
11. Sec., T., R., M., or Blk. and Survey or Area Sec 31 T3S R6W Mer UBM	
12. County or Parish DUCHESNE	13. State UT
17. Spacing Unit dedicated to this well 640.00	
20. BLM/BIA Bond No. on file LPM 8874725	
23. Estimated duration 75 DAYS (D&C)	

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone	
2. Name of Operator BILL BARRETT CORPORATION Contact: ELAINE WINICK E-Mail: ewinick@billbarrettcorp.com	
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8168 Fx: 303-291-0420
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESE 383FSL 880FEL At proposed prod. zone SWSW 700FSL 700FWL	
14. Distance in miles and direction from nearest town or post office* 11.2 MILES W OF DUCHESNE, UT	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 700	16. No. of Acres in Lease 66101.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 2770	19. Proposed Depth 9511 MD 6171 TVD
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6459 GL	22. Approximate date work will start 03/01/2011

24. Attachments

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

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) ELAINE WINICK Ph: 303-312-8168	Date 11/04/2010
Title SENIOR PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date MAR 01 2011
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

Additional Operator Remarks (see next page)

Electronic Submission #96777 verified by the BLM Well Information System
for BILL BARRETT CORPORATION, sent to the Vernal
Commitment AFMSS for processing by ROBIN R. HANSEN on 11/09/2010 ()

NOTICE OF APPROVAL

UDOGM

MAR 14 2011

DIV. OF OIL, GAS & MINING

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Bill Barrett Corporation	Location:	SESE, Sec. 31, T3S, R6W (S) SWSW, Sec. 31, T3S, R6W (B)
Well No:	13H-31-36 BTR	Lease No:	2OG0005608
API No:	43-013-50465	Agreement:	N/A

OFFICE NUMBER: (435) 781-4400
OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

Company/Operator: Bill Barrett Corporation
Well Name & Number: 13H-31-36 BTR
Surface Ownership: Hilario and Maria Figueroa: Well pad, parts of the road and pipeline route.
Carl Dean and Veva Peterson: Sections of the road and pipeline route.
Lease Number: 20G0005608
Location: SE/SE of Section 31, T3S R6W

CONDITIONS OF APPROVAL:

- Any deviation of submitted APD's and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the BLM shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- Production facilities will be painted Beetle Green to blend in with the surrounding habitat, unless otherwise stated from the private land owner agreement.
- As per the landowners wishes the pad area will be left flat when it comes to final abandonment of the well site. All other areas including road and pipeline areas will undergo final reclamation efforts as per BBCs surface use plan. This includes re-contouring of those areas and reseeding with approved native seed mixes. Please contact surface owner or the BLM AO for seed mixes to use in the project area.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- A CBL shall be run from TD to surface on the production casing.
- Gamma Ray Log shall be run from TD to Surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or work-over program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, work-over, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-31-36 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504650000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE 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: 2/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

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

BBC hereby requests a one year extension of the subject well location. This well is planned to be drilled in 2012.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: 12/08/2011
 By:

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 12/6/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013504650000

API: 43013504650000

Well Name: 13H-31-36 BTR

Location: 0383 FSL 0880 FEL QTR SESE SEC 31 TWP 030S RNG 060W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 12/21/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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

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

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

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

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

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

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

Signature: Venessa Langmacher

Date: 12/6/2011

Title: Senior Permit Analyst **Representing:** BILL BARRETT CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE 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: 2/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

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

BBC hereby requests a one year extension of the subject well location. This well is planned to be drilled in 2012.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: 12/08/2011
 By: 

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 12/6/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013504650000

API: 43013504650000

Well Name: 13H-31-36 BTR

Location: 0383 FSL 0880 FEL QTR SESE SEC 31 TWP 030S RNG 060W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 12/21/2010

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

Signature: Venessa Langmacher

Date: 12/6/2011

Title: Senior Permit Analyst **Representing:** BILL BARRETT CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE STATE: UTAH

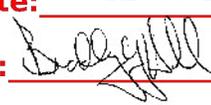
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

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

BBC hereby requests a one year extension of the subject well location. This well is planned to be drilled in 2012.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: 12/08/2011
 By: 

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 12/6/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013504650000

API: 43013504650000

Well Name: 13H-31-36 BTR

Location: 0383 FSL 0880 FEL QTR SESE SEC 31 TWP 030S RNG 060W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 12/21/2010

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

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

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

Signature: Venessa Langmacher

Date: 12/6/2011

Title: Senior Permit Analyst **Representing:** BILL BARRETT CORP

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Triple A Drilling
Submitted By Tracey Fallang Phone Number 303-312-8134
Well Name/Number 13H-31-36 BTR
Qtr/Qtr SESE Section 31 Township 3S Range 6W
Lease Serial Number 2OG0005608
API Number 4301350465

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/14/2012 8:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED

APR 12 2012

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Triple A Drilling
Submitted By Tracey Fallang Phone Number 303-312-8134
Well Name/Number 13H-31-36 BTR
Qtr/Qtr SESE Section 31 Township 3S Range 6W
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BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
APR 12 2012
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks _____

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: 20G0005608	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 13H-31-36 BTR	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013504650000	
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE	
		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"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 4/16/2012 <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input 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.			
This well was spud on 04/16/2012 by Triple A Drilling at 8:00 am.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 26, 2012			
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst	
SIGNATURE N/A		DATE 4/19/2012	

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

FORM 6

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) 312-8172

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350465	13H-31-36 BTR		SESE	31	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18485	4/16/2012			4/23/2012	
Comments: Spudding Operation was conducted by Triple A Drilling @ 8:00 am. <u>GRRV</u>							

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

APR 23 2012

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

Title

4/19/2012

Date

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: 20G0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 13H-31-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013504650000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		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: 4/26/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC hereby requests this well to be held in confidential status.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 07, 2012		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 4/26/2012	

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: 1420H626405	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 13H-31-36 BTR	
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		STATE: UTAH	
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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/1/2012	<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="Lease Earned"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
This sundry is to notify that the tribal lease has been earned for this well. The lease number is now 1420H626405.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 15, 2012			
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst	
SIGNATURE N/A		DATE 4/19/2012	

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: 1420H626405
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 13H-31-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013504650000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		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"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/30/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Well spud this month; no other April 2012 monthly drilling activity to report.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 15, 2012
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/3/2012	

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: 1420H626405
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 13H-31-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013504650000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		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"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; padding: 10px;"> No May 2012 monthly drilling activity to report. </div> <div style="text-align: right; padding: 10px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 05, 2012 </div>		
NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/5/2012	

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# H&P #273
Submitted By Jack Warr Phone Number 281-833-2777
Well Name/Number 13H-31-36 BTR
Qtr/Qtr SE/SE Section 31 Township 3S Range 6W
Lease Serial Number _____
API Number 43-013-50465

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 6-06-12 1000 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED

JUN 05 2012

DIV. OF OIL, GAS & MINING

Date/Time 6-06-12 1000 AM PM

Remarks

Run 2000' 9 5/8, Cas, 36# ,J-55, STC

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# H&P #273
Submitted By Jack Warr Phone Number 281-833-2777
Well Name/Number 13H-31-36 BTR
Qtr/Qtr SE/SE Section 31 Township 3S Range 6W
Lease Serial Number _____
API Number 43-013-50465

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

RECEIVED
JUN 14 2012
DIV. OF OIL, GAS & MINING

Date/Time 6-14-12 200 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time 6-15-12 600 AM PM

Remarks

Run 6800' 7.0", 26.0# ,P-110, LTC Intermediate Casing.

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: 1420H626405	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 13H-31-36 BTR	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013504650000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		9. FIELD and POOL or WILDCAT: CEDAR RIM	
		COUNTY: DUCHESNE	
		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"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/30/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input 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.			
June 2012 monthly drilling activity report is attached.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 05, 2012			
NAME (PLEASE PRINT) Megan Finnegan		PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A		DATE 7/3/2012	

**13H-31-36 BTR 6/2/2012 12:00 - 6/3/2012 06:00**

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
12:00	10.00	22:00	1	MOVE IN H&P #273	Move In H&P #273. Rec'd 15 Loads.
22:00	8.00	06:00	21	WAIT ON DAYLIGHT	Wait On Daylight.

13H-31-36 BTR 6/3/2012 06:00 - 6/4/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	14.00	20:00	1	RIG UP	MI/RU H&P #273 = 100% Of Rig On Location, 80% Rigged Up. Raised Mast @ 20:00 Hr. All Equip Set Lacking V-door, Catwalk & Pipe Racks. Mud Tanks & Pumps Operational w/ Fluid In Tanks. Gen Sets Running.
20:00	10.00	06:00	21	WAIT ON DAYLIGHT	Wait On Daylight.

13H-31-36 BTR 6/4/2012 06:00 - 6/5/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	20.00	02:00	1	RIGUP	Finish Rigging Up, Function Test Mud Pumps & All Solids Equip. Run Dwks & All Hydraulic & Electrical Equipment. Perform Pre-Acceptance Safety Check List.
02:00	1.50	03:30	21	Load Rack, Strap & Caliper	ACCEPT RIG ON DAYWORK @ 02:00 Hr, 6/5/12 . Load Racks, Strap & Caliper BHA & Tools.
03:30	2.50	06:00	20	DIRECTIONAL WORK	M/U Bit & Pick Up BHA # 1, Scribe Mtr Etc. Tag Btm @ 104'

13H-31-36 BTR 6/5/2012 06:00 - 6/6/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	2	DRILL ACTUAL	Spud In 12 1/4" Surface Hole @ 06:00, 6/5/12. Tag @ 104' RKB - Steerable Drill f/ 104' to 210' . (106')
08:30	1.50	10:00	6	TRIPS	TOH - P/U Add'l Rmr Etc.
10:00	6.00	16:00	2	DRILL ACTUAL	Steerable Drill f/ 210' to 613' (403')
16:00	0.50	16:30	7	LUBRICATE RIG	Service Rig
16:30	13.50	06:00	2	DRILL ACTUAL	Steerable Drill f/ 613' to 1836' (1223') Wob 15 k, Rpm Rotary 70, Mtr 92, Gpm 540, SPP 1250 Psi, Diff 300 Psi. Rotate 93%, Slide 7% Anti-Collision Strategy f/ 16-31D-36 BTR

13H-31-36 BTR 6/6/2012 06:00 - 6/7/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	Steerable Drill 12 1/4" Surface Hole f/ 1836' to 2020' (184'). TD Of 12 1/4" Surface Hole.
09:00	1.50	10:30	5	COND MUD & CIRC	Sweep & Circ hole Clean.
10:30	2.00	12:30	6	TRIPS	Flow Check - Negative. Pump Slug, TOH (SLM) For 9 5/8" Surface Casing. SLM= 2018.93' No Correction Made
12:30	1.50	14:00	20	DIRECTIONAL WORK	L/D Directional Tools.
14:00	1.50	15:30	12	RUN CASING & CEMENT	Held Pre-Job Safety Mtg w/ All Personnel.- R/U Franks / Westates Csg Running Tools & P/U Machine.
15:30	4.50	20:00	12	RUN CASING & CEMENT	Run 9 5/8", 36.0#, J-55, STC Surface Casing = Float Shoe, 1 Joint Csg, Float Collar, 51 Joints Csg.- OAL 2023.42' . Tag Btm @ 2020',
20:00	1.00	21:00	5	COND MUD & CIRC	Break Circ. Circ While R/D Csg Running Tools
21:00	1.00	22:00	12	RUN CASING & CEMENT	Held Pre-Job Safety Mtg W/ All Personnel, R/U Halliburton Cement Equip & Lines.
22:00	3.00	01:00	12	RUN CASING & CEMENT	Cement 9 5/8" Surface Csg = Pressure Test Lines to 3000 Psi, Pump 20 Bbl Water Ahead & Behind 40 Bbl of 10.1 Ppg Super Flush Spacer, Lead Cement - 300 Sx, 169 Bbl HALCEM Mixed @ 11.0 Ppg, 3.16 yld, 19.48 Gps Water. Tail w/ 240 Sx, 57 Bbl HALCEM III, Mixed @ 14.8 Ppg, 1.33 yld, 6.31 Gps Water. Displace w/ 152 Bbl Water, Bumped Plug w/ 500 Psi Over, Floats Held, Bled Back 1 Bbl. CIP @ 01:00, 6/7/12. 100 Bbl Cement Back To Surface.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
01:00	2.00	03:00	13	WAIT ON CEMENT	Wait On Cement - Cement fell Back 30' . Prep F/ Top Job.
03:00	1.00	04:00	21	CEMENT TOP JOB	Mix & Pump 100 Sack 14.8 Ppg Top Job.
04:00	2.00	06:00	13	WAIT ON CEMENT	WOC - Watch Cement F/ Fall Back. Plumb Bob 24' From Rig Floor After 2 Hrs. Remove Cement Head N/D Conductor.

13H-31-36 BTR 6/7/2012 06:00 - 6/8/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	13	WAIT ON CEMENT	R/D Cementers . WOC - Prep For Nipple Up.
07:30	5.00	12:30	21	Prep & Weld On Csg Head - Cool	Cut Off & Remove 16" Conductor Pipe. Cut Off & Remove 9 5/8" Landing Joint,- Prep & Weld On Cameron 11" x 5M SOW Wellhead. Let Cool & Test.
12:30	9.00	21:30	14	NIPPLE UP B.O.P	Nipple Up BOPE, Spacer Spool Riser, Double Gate w/ 4 1/2" Pipe Rams On Btm, Blind Rams On Top, Annular, Smith Low Pressure Rotating Head. (Removed Weatherford IP-1000 Head & Expro Choke),
21:30	6.00	03:30	15	TEST B.O.P	R/U A-1 Testing - Pressure Test BOPE = Blind Rams, Pipe Rams, Choke Line Valves & Manifold, HCR Valve, Kill Line & Valves, Check Valve, Upper & Lower IBOPs, Floor Safety Valves & Dart Valve, Mud Line To Rig Pump 250 Psi Low/ 5 Min. & 5000 Psi Hi/ 10 Minutes. Annular 250 Psi Low/ 5 Min, 2500 Psi High 10 Min. (Upper IBOP Failed To Test).
03:30	1.50	05:00	15	TEST B.O.P	Change Out Upper IBOP Valve
05:00	0.50	05:30	15	TEST B.O.P	Pressure Test Upper IBOP Valve 250 psi Low 5 Min/ 5000 Psi High / 10 Min. Pressure Test Casing 1500 Psi/ 30 Minutes.
05:30	0.50	06:00	7	LUBRICATE RIG	Service Rig.

13H-31-36 BTR 6/8/2012 06:00 - 6/9/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	15	TEST B.O.P	BLM Rep. Jake Birchell Required More Hydraulic Oil Storage Capacity On Accumulator System. Transport & Install 4 Bottle Auxillary Unit From Rig #319. A-1 Testing Performed Accumulator Efficiency Test As Directed By BLM & Passed Requirements. Change Out Studs In Top Of New Hydril To Accomadate Rotating Head (Changed Out Annular This Well). Install Wear Bushing.
13:30	2.00	15:30	20	DIRECTIONAL WORK	M/U BHA #2 & Scribe Mtr , Install EM Tool w/ Gamma. BHA= bit, Hunting Motor, 3 Pt Rmr, OBHO, NMDC, Gap Sub, NMDC, 3 Pt Rmr, 9- 6 1/2" DCs, 30 HWDP.
15:30	2.50	18:00	6	TRIPS	P/U Rmr. & 15 Additional HWDP, TIH TO 1858' Install Rotating Head Element.
18:00	0.50	18:30	7	LUBRICATE RIG	Service Rig
18:30	1.00	19:30	21	FIX FLOWLINE LEAK	Fix Leak On Flowline.
19:30	2.00	21:30	22	DRILL CEMENT	TIH, Tag Float Collar, Drill F/C @ 1974', Cement & Shoe @ 2020'. New Formation To 2035'.
21:30	1.00	22:30	23	FIT TEST	Circ Hole Clean, Spot 20 Bbl of 20#/ Bbl LCM Slug & Perform FIT Test To 10.5 Ppg EMW, 220 Psi w/ 8.5 Ppg Water. Held Good.
22:30	7.50	06:00	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 2035' To 2727' (692'). Rotate 92%, Slide 8% To Control Azimuth.

13H-31-36 BTR 6/9/2012 06:00 - 6/10/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 2727' To 3577' (850') Wob 12 k, Rpm 35 Rotary, 82 Mtr, Gpm 540, SPP 1650 Psi, Diff. 250,
15:30	0.50	16:00	7	LUBRICATE RIG	Service Rig
16:00	14.00	06:00	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 3577' to 4620' (1043') Wob 10 k, Rpm Rotary 30, Mtr 82, Gpm 540, SPP 1650 Psi, Avg Rop Rotating 127' /Hr. Sliding 23'/ Hr. Rotate 93%, Slide 7% .

13H-31-36 BTR 6/10/2012 06:00 - 6/11/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	Steerable Drill/ Log Gamma f/ 4620' To 4904' (284').
14:00	0.50	14:30	7	LUBRICATE RIG	Service Rig - Change Out Pason Hard Drive.
14:30	15.50	06:00	2	DRILL ACTUAL	Steerable Drill / Log Gamma F/ 4904' To 5534' (630') Wob 12k, Rpm 30, Mtr 82, Gpm 540, SPP 1950 Ps, Diff. Rotate 82%%, Slide 18%.

13H-31-36 BTR 6/11/2012 06:00 - 6/12/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	2	DRILL ACTUAL	Steerable Drill/ Log Gamma f/ 5534' to 5564'. (30')
07:00	1.00	08:00	5	COND MUD & CIRC	Sweep & Circ Hole Clean, Slug DP.
08:00	3.00	11:00	6	TRIPS	TOH S.L.M. = 5568' No Correction Made.
11:00	1.00	12:00	6	TRIPS	L/D 9 - 6 1/2" DCs
12:00	1.50	13:30	20	DIRECTIONAL WORK	L/D Directional Tools - Motor & Bit #2.
13:30	0.50	14:00	7	LUBRICATE RIG	Service Rig
14:00	2.00	16:00	20	DIRECTIONAL WORK	M/U BHA # 3, Smith 517 TCI Bit, Hunting 6 3/4", 1.83* 4.7' Bit To Bend, 7/8, 5.0 Stg, .29 Rpg Motor & Orient, Pony NMDC, UBHO , NMDC, Gap Sub, NM Flex DC, 30 Joints DP, 30 Jts 4 1/2" HWDP.
16:00	5.00	21:00	6	TRIPS	TIH , P/U 9 Joints DP To Replace DCs.
21:00	0.50	21:30	3	REAMING	Wash & Relog Gamma f/ 5476' to Bottom @ 5565.
21:30	8.50	06:00	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 5564' to 5792' (228'). Wob 18 - 25 k, Rpm 0 - 30, Mtr Rpm 156, Gpm 540, SPP 2750 Psi, Slide 68%. Rotate 32%

13H-31-36 BTR 6/12/2012 06:00 - 6/13/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	Building Curve, Drill/Log Gamma f/ 5792' to 6044' (252').
15:30	0.50	16:00	7	LUBRICATE RIG	Service Rig
16:00	14.00	06:00	2	DRILL ACTUAL	Build Curve, Drill/Log Gamma f 6044' to 6359' (315'). Wob 28k, Rpm 30 Rotary, 156 Mtr, Gpm 540, SPP 2775, Slide 73%, Rotate 27%

13H-31-36 BTR 6/13/2012 06:00 - 6/14/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma f/ 6359' to 6612' (253'). Wob 25k, Rpm Rotary 30, Mtr 143, Gpm 490, SPP 2500,
15:00	0.50	15:30	7	LUBRICATE RIG	Service Rig
15:30	3.50	19:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma f/ 6612' to 6706' (94'). Hole Attempted To Pack Off.
19:00	1.50	20:30	5	COND MUD & CIRC	Sweep & Circ Hole Clean - Work Pipe.
20:30	6.50	03:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma f/ 6706' to 6825' (119'). MTD Of 8 3/4" Intermediate Hole. Last Survey 6762', 88.6* @ 271.1 AZ. Projected To Bit 92* - 6319.25' TVD
03:00	2.00	05:00	5	COND MUD & CIRC	Sweep Hole & Circ 3 x Btms Up.
05:00	1.00	06:00	6	TRIPS	Short Trip

13H-31-36 BTR 6/14/2012 06:00 - 6/15/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	TOOH F/ 6298 To 5381
08:30	5.00	13:30	3	REAMING	Wash & Ream Back In Hole 5476 To 6656, Hole Was Packing Off & Torque Was Up
13:30	1.50	15:00	3	REAMING	Work Tight Spot @ 6656, Got Hung Up @ 6656, Got Free & lost Pump Pressure
15:00	1.00	16:00	5	COND MUD & CIRC	Circulate & Clean Hole, Lost pump pressure
16:00	6.50	22:30	6	TRIPS	TOOH To See Why pressure lost

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
22:30	0.50	23:00	7	LUBRICATE RIG	Rig Service
23:00	2.00	01:00	20	DIRECTIONAL WORK	Break & L/D Directional Tools,Mud Motor Twisted Off Down Hole
01:00	3.00	04:00	22	OPEN	Wait On Fishing Tools, From Slaugh Fishing Service
04:00	2.00	06:00	6	TRIPS	Strap & P/U Fishing Tools

13H-31-36 BTR 6/15/2012 06:00 - 6/16/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	6	TRIPS	TIH With Fishing Tools , to 6646
17:00	4.00	21:00	19	FISHING	Tag Fish @ 6646, Jar On Fish,Cock Jars @ 50k,Pull to 220k To Release Jars, & Check Bleed Off @ 240k, & 285k, Fish Came Lose, POST JARRING INSPECTION ON TOP DRIVE & DERRICK EVERY 30 MIN
21:00	1.00	22:00	6	TRIPS	TOOH With Fish, 6535 To 6270
22:00	0.50	22:30	7	LUBRICATE RIG	Service Rig & Top Drive
22:30	0.50	23:00	19	FISHING	Tag Fish @ 6646, Jar On Fish,Cock Jars @ 50k,Pull to 220k To Release Jars, & Check Bleed Off @ 240k, & 285k, Fish Came Lose, POST JARRING INSPECTION ON TOP DRIVE & DERRICK EVERY 30 MIN
23:00	7.00	06:00	6	TRIPS	TOOH, 6182 To 1893, Pull Rt Rubber, L/D Energizer, POOH 1885 To 973, L/D Jars, POOH,962 To 47, TOO @ 25 FPM As Per Fishing Hand Orders

13H-31-36 BTR 6/16/2012 06:00 - 6/17/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	6	TRIPS	TOOH With Fish,
07:30	0.50	08:00	19	FISHING	No Fish, Lay Down Over Shot,
08:00	3.00	11:00	19	FISHING	Wait On Fishing Tools
11:00	0.50	11:30	19	FISHING	Pick Up new Bumper Sub,Overshot & Jars
11:30	6.00	17:30	6	TRIPS	TIH With Fishing Tools To6634
17:30	6.00	23:30	19	FISHING	Jar On String Cock Jars @ 50k, Release Jars @ 250k, Check Bleed Off @ 350
23:30	6.50	06:00	6	TRIPS	TOOH 6119 To 1897, Pull Rt Head Rubber, L/D Energizer, TOO, 1897 To

13H-31-36 BTR 6/17/2012 06:00 - 6/18/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	6	TRIPS	TOOH For Fish, No Fish
07:30	2.50	10:00	22	Waiting On Orders	Waiting on orders
10:00	3.00	13:00	6	TRIPS	TIH With Bull Noes ,Float Sub,& Jars, To 6328, To Clean Up Hole
13:00	5.00	18:00	3	REAMING	Wash & Ream 5571 To 6360, Hole Was Getting Tight, Packing Off & Torque Up
18:00	3.00	21:00	3	REAMING	Back Ream 6360 To 6017 Std To Get Free, Hole Was Packing Off No Could Not Circulate @ 6100 To 6017'
21:00	3.00	00:00	5	COND MUD & CIRC	Gained Circulation Broke Free & Circulated Hole Clean @ 6017, Work Pump Rate Up F/20 spm, To 90 spm
00:00	6.00	06:00	6	TRIPS	Back Ream & Circulate 5760' To 5476', Hole Good , TOO 5476' To 2349', Pull Rt Head Rubber, TOO 2349' To 1437', L/D Jars, TOO 1426' To 0', L/D Float Sub & Bull Nose

13H-31-36 BTR 6/18/2012 06:00 - 6/19/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	21	Clean floor	Clean Rig Floor & Prepare To run 2 7/8 Tubing
06:30	2.50	09:00	6	TRIPS	Pick Up 30 Joints, Of 2 7/8 Tubig, To 937'
09:00	4.50	13:30	6	TRIPS	TIH 937' To 6021 , Break Circ @ 2073 & Every 5 Stands After That, To Keep Pipe From Plugging Up.
13:30	2.50	16:00	5	COND MUD & CIRC	Circulate & Condition Mud & Clean Hole
16:00	0.50	16:30	21	Safety Meeting	Safety Meeting With Halliburton & Rig Crew

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:30	1.00	17:30	12	CEMENT	Cement plug @ 6021', Press Test Lines To 5000 psi, Tuned Spacer 30 bbls, 1002 gal Water, 10.0 lb/gal 4.91 ft3/sk, 33.41 gal/sk, Cement 56 bbls, 335 sks, 17.5 lb/gal, 0.94 ft3/sk, 3.36 gal/sk, Tuned Spacer 5 bbls, 167 gal mix Water, 10.0 lb/gal, 4.91 ft3/sk, 33.41 gal/sk, mud 60bbls, Water 8.3 bbls.
17:30	0.50	18:00	6	TRIPS	TOOH To 5105, To Get Above Cement
18:00	2.50	20:30	5	CIRC	Circulate @ Bottom Up
20:30	3.00	23:30	6	TRIPS	TOOH & Lay Down 2 7/8 Tubing
23:30	0.50	00:00	21	Safety Meeting	Safety meetinf On L/D 2 7/8 Tubing
00:00	3.00	03:00	6	TRIPS	L/D 2 7/8 Tubing
03:00	1.00	04:00	21	Clean Floor	R/D & L/D, Elevators, Slips & Tubing Clamp, Clean Floor
04:00	0.50	04:30	7	LUBRICATE RIG	Rig Service
04:30	1.50	06:00	13	WAIT ON CEMENT	Wait On Cement

13H-31-36 BTR 6/19/2012 06:00 - 6/20/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	21	OPEN	Make Up Bit, Strap Jars, Update Tally, & Prepare To TIH
07:00	4.50	11:30	6	TRIPS	TIH To 1987, Break Circ & Cir Bottom Up, TIH To 5019, Circ Bottom
11:30	1.00	12:30	5	COND MUD & CIRC	Wash & Ream 5019 To 5378
12:30	3.50	16:00	2	DRILL ACTUAL	Tag Cement @ 5378' & Drill Out W/ 9K on Bit, 60 Rt, Drill Cement 5378' To 5540'
16:00	1.50	17:30	5	COND MUD & CIRC	Circ 2 Bottom Up To Clean Hole
17:30	1.00	18:30	6	TRIPS	TOOH 5540 To 5398', Hit Something @ 5353, @ Top Of Cement, Ream It Out All Clear
18:30	1.50	20:00	3	REAMING	Circulate & Back Ream 5398 To 4924' Saw Nothing
20:00	3.00	23:00	6	TRIPS	TOOH Pull Rt Head Rubber, L/D Jars, Break Bit & Bit Sub
23:00	0.50	23:30	5	COND MUD & CIRC	Rig Service
23:30	0.50	00:00	20	DIRECTIONAL WORK	Strap Directional Tools,
00:00	2.00	02:00	20	DIRECTIONAL WORK	P/U Motor, Pony Sub, M/U Bit, Scribe, P/U UBHO, Monel, Gap Sub, Install MDW Tool & Flex Collar
02:00	4.00	06:00	6	TRIPS	TIH 109 To 1147 P/U Jars, TIH 1147 To 1998, Install RT Head Rubber, & Breaking Circ, TIH 1998 To 3988, Break Cir @ 3988' TIH To 5150

13H-31-36 BTR 6/20/2012 06:00 - 6/21/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	3	REAMING	Wash & Ream 5314 To 5540'
06:30	22.50	05:00	2	DRILL ACTUAL	Slide Drill 5540 To 5567', Trough Pipe 20 Times From 5567 To 5508', Slide Drill 5567' To 5630, Rt 5630 To 5640, Slide 5640 To 5652, Rt 5652 To 5662, Slide 5662 To 5681, Rt 5681 To 5692, Slide 5692 To 5712, Rt 5712 To 5725, Slide 5725 To 5740, Steerable Drill / Log Gamma f/ 5540' to 5740' (200' hr 23.5, @ 8.5 fph) Wob 32 k, Rpm Rotary 20, Mtr 143, Gpm 494, SPP 2050 Psi, Rotate 22 %, Slide 78 % .
05:00	1.00	06:00	5	COND MUD & CIRC	Circulate Hole Clean

13H-31-36 BTR 6/21/2012 06:00 - 6/22/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	5	COND MUD & CIRC	Pump Sweep To Clean Hole & Buld Slug To Trip
07:00	4.50	11:30	6	TRIPS	Pump 8 Std Out Hold, 5740 To 5030', Ckeck Flow, Pump Slug, TOOH
11:30	2.00	13:30	6	TRIPS	Lay Down Old Mud Motor & MWD, Pick Up New Motor, Re-Scribe Directional Tools & Pump To Test Motor
13:30	0.50	14:00	7	LUBRICATE RIG	Rig Service
14:00	3.00	17:00	6	TRIPS	TIH To 1997, Break Circ, TIH To 5029
17:00	1.00	18:00	3	Wash	Wash Pipe To Bottom 5029 To 5740



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
18:00	12.00	06:00	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 5740' to 5938' (198' hr 12, @ 16.5 fph) Wob 32 k, Rpm Rotary 20, Mtr 143, Gpm 494, SPP 2580 Psi, Rotate 29 %, Slide 71 % .	

13H-31-36 BTR 6/22/2012 06:00 - 6/23/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	6.50	12:30	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 5938' to 6072' (134' ft: 6.5 Hr, @ 20.6 fph) Wob 32 - 40 k, Rpm Rotary 15-25, Mtr 156, Gpm 539, SPP 2600 Psi, Rotate XX %, Slide XX % .	
12:30	0.50	13:00	7	LUBRICATE RIG	Rig Service	
13:00	12.00	01:00	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 6072' to 6260' (188' ft: 11.5 Hr, @ 16.3 fph) Wob 32 - 40 k, Rpm Rotary 15-25, Mtr 156, Gpm 539, SPP 2600 Psi, Rotate 37 %, Slide 62 % .	
01:00	1.00	02:00	8	REPAIR RIG	Rig Black Out & Pull 1 Std, Had To Recalibrate Drawworks	
02:00	4.00	06:00	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 6260' to 6341' (81' ft: 4 Hr, @ 20.2 fph) Wob 32 - 40 k, Rpm Rotary 15-25, Mtr 156, Gpm 539, SPP 3000 Psi, Rotate 37 %, Slide 62 % .	

13H-31-36 BTR 6/23/2012 06:00 - 6/24/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.50	14:30	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 6341' to 6545' (204' ft: 8.5 Hr, @ 24 fph) Wob 32 - 40 k, Rpm Rotary 15-25, Mtr 156, Gpm 539, SPP 3000 Psi, Rotate XX %, Slide XX % .	
14:30	0.50	15:00	7	LUBRICATE RIG	Rig Service	
15:00	13.50	04:30	2	DRILL ACTUAL	Steerable Drill / Log Gamma f/ 6545' to 6828' (283' ft: 10.5 Hr, @ 26.9 fph) Wob 40 - 56 k, Rpm Rotary 15-25, Mtr 156, Gpm 539, SPP 3000 Psi, Rotate 38 %, Slide 61 % .	
04:30	1.50	06:00	21	OPEN	Got Survey, Pick Up Off Bottom 60' Hole Pack Off, Could Not Circulate, & Rt, Working Stuck Pipe	

13H-31-36 BTR 6/24/2012 06:00 - 6/25/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	12.00	18:00	21	Jarring	Work Stuck Pipe, 6766 To 6747', Got 19' Out, Cock Jars @ 110 k & Release @ 250 k, Check Bleed Off @ 275 k, Jar Down Releasing @ 65 K, Slack Off To 48 K, Monitor Bleed Off, Derrick Inspections & Topdrive, Every Half Hr, While Jarring	
18:00	11.50	05:30	21	Jarring	Work Stuck Pipe 6747' Cock Jars @ 110 k, Release Jars @ 270 K, Check Bleed Off, @ 280 K, Jar Down Releasing @ 65 K, Slack Off To 48 K, Monitor Bleed Off, Pick Up To 300 K, Monitor Bleed Off Derrick Inspections & Topdrive, Every Half Hr, While Jarring,	
05:30	0.50	06:00	21	Jarring	On Last Inspection On Top Drive Found Loose Wire On J Box, & Wire Was Sparking Stop Job & Notified Rig Manager, LO/TO	

13H-31-36 BTR 6/25/2012 06:00 - 6/26/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	21	OPEN	Discover On Post Jar Inspection Loose Wire & Sent Hand Up To Secure Wire & Fix Drag Chain Until Electricians Can Get Here To Fix It. OSHA & H&P SAFTEY INSPECTION TODAY	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	6.50	13:30	22	Jarring	Jar On Stuck Pipe @ 6747', Cock Jars @ 110 k , Release Jars @ 250 k, & Check For Bleed Off @ 275, Drrrick & Topdrive Inspection Every Half Hr While Jarring
13:30	4.50	18:00	19	Free Point & Back Off	Have pre Job JSA & Review HSE Standars & Guidelines For Rigging Up Wireline Crew, Rig Up Wire Line For Back Off Tool, Back Off DP @ 189 ' & Rack Back 1 Std Pick Up Pump Joints To Make Up 14' To String & Screw Back Into String,
18:00	7.50	01:30	19	Free Point & Back Off	Have pre Job JSA & Review HSE Standars & Guidelines For Rigging Up Wireline Crew,Run Wireline In W/Free Point Tool, Locate Depth Of Stuck Pipe & Pull Wireline, L/D Free Point Tool, LO/TO/TO Top Drive,P/U Back Off Tool, Wireline In & Attempted To Set Off Charge, First Charge Did Not Work, Pulled Wireline & Ran Back In With New Charge, Set @ 6388, Back Off DP,& Pull Wireline, Pipe Stuck @ 6420'
01:30	1.00	02:30	19	Free Point & Back Off	L/D Back Off Tools, R/D Wireline Crew & L/D 2 Pup Joints.
02:30	3.50	06:00	22	Work On Top Drive	Change Grabbers Dyes On Top Drive & LO/TO/TO Top Drive So Electricians Can Fix Loose Wires Going To J-Box

13H-31-36 BTR 6/26/2012 06:00 - 6/27/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	21	Top Drive	Work On Top Drive Checking All Electrical & Hydraulic On TDS
07:00	3.50	10:30	5	COND MUD & CIRC	Attemnt To Circulate Bottom Up, Will Not Circulate, Losing Mud,Pull Out Of Hole To get Circulating Back, Got Circ @ 1800' Mud Was Thick
10:30	6.50	17:00	6	TRIPS	TOOH 6380 to 5000' Attemnt To Circulate No Circulation, TOOH 5000 To 1800' Pump 10 bbl's Every 10 std To Fill Hole, Due To Swabbing, Got Circ @ 1800' Circ Bottom Up There, Mud Was Thick & Claberd Up, Hole Was Tacking The Right Amount Of Mud Then, TOOH To Jars L/D, & 3 Joints DP, From Back Off Blast,
17:00	1.00	18:00	19	FISHING	P/U Fishing Tools, Screw-in Sub, Circ Sub, Jars Bumper Sub & Energizer
18:00	2.50	20:30	6	TRIPS	TIH 211 To 665', P/U Energizer TIH 665 To 1040' Install Rt Head, TIH 1040 To 1986', Break Circulation Every 10 std
20:30	2.00	22:30	9	CUT OFF DRILL LINE	Review JSA, & Cut 96 ' Drill Line, Recalibrate Drawworks & Check Crown Saver
22:30	0.50	23:00	7	LUBRICATE RIG	Rig Service
23:00	7.00	06:00	6	TRIPS	TIH 1986 To 6060, Circulate Every 10 Std, Wash Down 6060 To 6286' Took Wt & Pressured Up, Pull 1 std Rack Back, Pull back To 6200' & Circulate Bottom Up

13H-31-36 BTR 6/27/2012 06:00 - 6/28/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	3	REAMING	Wash & Ream 6286 To 6383, Work Pipe, Hole Sticky, Came Down & Tag Fish
12:00	1.50	13:30	5	COND MUD & CIRC	Cir Bottom Up,Prep Fishing ops, Pre Jarring Inspection Crown & Topdrive
13:30	16.50	06:00	19	FISHING	Tag Fish @ 6388, Jar On Fish,Cock Jars @ 125 k,Pull to 285 k To Release Jars, & Check Bleed Off @ 310 & 330 k, POST JARRING INSPECTION ON TOP DRIVE & DERRICK EVERY 30 MIN

13H-31-36 BTR 6/28/2012 06:00 - 6/29/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	DRILLING	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	19	FISHING	Derrick Inspection, Fix Loose Bolts & Hydraulic Hose On Top Drive. Continue To Jar On Fish w/ No Success.
11:00	5.00	16:00	19	FISHING	Rig Up "DCT" Wireline Truck & Equipment. M/U & RIH w/ Free Point Could Not Get Thru Jars. POH R/D Free Point.
16:00	2.50	18:30	19	FISHING	M/U 300 Gr String Shot, RIH & Back-Off String @Screw In Sub @ 6388' DP Measurement, (6380' WLM). POH w/ Wireline. R/D Wireline Truck & Equip.
18:30	2.50	21:00	19	FISHING	Work DP Out Of Hole To 5587'- From Top Of Fish @ 6385' To @ 6000' Pulled 250 k, Progressively Easier To @ 5587'. Last 2 Stds Were Good.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
21:00	2.50	23:30	5	COND MUD & CIRC	Break Circ - Circ & Cond Mud Build Slug. "Return Mud Very Dehydrated" At First. Looked Good At End Of Circulating Time. Mud In Active Was Treated & LCM Shook Out & Replaced W/ Fresh To 10% As Before, Prior To Circ.
23:30	6.00	05:30	19	FISHING	TOH f/ 5587' & L/D Fishing Tools. Top Of Fish Lost In Hole = 6385' DP Measurements, (6380' WLM) BHA Lost In Hole = 8 3/4" TCI Bit, Hunting 1.83" Motor, Pony NMDC, UBHO, NMDC /MWD (EM Tool), Gap Sub, Flex NMDC, 8 Jts Contractors 4 1/2" XH Drill Pipe, Screw In Sub = 365.63 OAL.
05:30	0.50	06:00	21	PICK UP TBG TAILPIPE	Rig Floor & Tools, P/U 2 7/8" Tbg Tailpipe To spot Cement K/O Plug.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# H&P #273
Submitted By Jack Warr Phone Number 281-833-2777
Well Name/Number 13H-31-36 BTR
Qtr/Qtr SE/SE Section 31 Township 3S Range 6W
Lease Serial Number _____
API Number 43-013-50465

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 7-5-12 1000 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
JUL 05 2012

DIV. OF OIL, GAS & MINING

Date/Time 7-6-12 0200 AM PM

Remarks

Run 6430' 7.0", 26.0# ,P-110, LTC Intermediate Casing.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# H&P #273
Submitted By Bobby Perkins Phone Number 281-833-2777
Well Name/Number 13H-31-36 BTR
Qtr/Qtr SE/SE Section 31 Township 3S Range 6W
Lease Serial Number _____
API Number 43-013-50465

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 7-20-12 600 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED

JUL 20 2012

DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks : Run 4 1/2", 11.60# ,P-110, LTC Prod Liner -

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626405
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-31-36 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504650000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE 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"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/31/2012	<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.
 July 2012 monthly drilling activity report is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 08, 2012

NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/2/2012	

**13H-31-36 BTR 7/1/2012 06:00 - 7/2/2012 06:00**

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	4.50	10:30	2	DRILL ACTUAL	S/T #2 =Time Drill f/ 5227' To 5261' (34') 100% Slide.	
10:30	1.50	12:00	5	COND MUD & CIRC	SPP Increased 400 Psi, Pulled 40k Over- Pick Up Above KOP To 5210', Circ & Cond Raise Visc F/ 48 to 58 Sec/Qt. Wash Back To Btm @ 5261'. 95% Shale - 5% Cement In Samples. Raising Mud Wt f/ 9.5+ To 9.8+ Ppg.	
12:00	4.00	16:00	2	DRILL ACTUAL	Steerable Drill Side Track f/ 5261' to 5284', Lost Circulation W/ 9.9 Ppg Mud Wt. 100% Slide NOTE: 98% Formation- 2% Cement In Samples.	
16:00	2.00	18:00	21	LOST CIRC	Pull 10' Above K.O.P. To 5210'. Pump 60 Bbl 20% LCM Sweep, Gained Returns Back When Sweep Reached Surface Csg Shoe. Pump 2nd Sweep @ 20 Bbl 25% & Circ Out w/ No Losses.	
18:00	2.50	20:30	2	DRILL ACTUAL	Wash Back To Btm f/ 5210' To 5284'. Steerable Drill - Rotate 15', Slide 5' (5284' to 5305'). Last Survey 5254', 9.4 Inc, .9 Az = 3.4' From Original Wellbore. Note; 99% Formation, 1% Cement In Samples.	
20:30	1.00	21:30	5	COND MUD & CIRC	Circ Btms Up+, Pull 18' Above KOP, Flow Check Negative, Slug DP.	
21:30	3.50	01:00	6	TRIPS	TOH w/ 2.38* Motor K/O Assy, Good Hole Conditions.	
01:00	1.50	02:30	20	DIRECTIONAL WORK	Change out BHA, = L/D 2.38* Motor Assy,	
02:30	1.00	03:30	23	CLEAR PUMP SUCTIONS	Clean Out Both Pump Suctions, P/U Open Ended Std Of DP & Pump Thru w/ Each Pump Individually @ 110 SPM To Clear Any Debris From Pumps & Lines.	
03:30	2.00	05:30	20	DIRECTIONAL WORK	P/U Curve Building Assy = New Smith TCI Bit, Hunting 1.83* D/B, 7/8 L, 5.0 Stg, .29 Rpg Motor - Pony NMDC - UBHO - NMDC/EM Tool - Gap Sub - Flex NMDC - 30 Jts DP - 21 HWDP - Jars - 9 HWDP. OAL = 1994.27	
05:30	0.50	06:00	6	TRIPS	TIH w/ Curve Bldg Assy - Fill Every 1000'.	

13H-31-36 BTR 7/2/2012 06:00 - 7/3/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.50	09:30	6	TRIPS	TIH w/ Curve Bldg Assy, Filling Every 1000' to 5212'. Break Circ.	
09:30	1.00	10:30	5	COND MUD & CIRC	Circ Btms Up Prior To Entering KOP. Get SPRs, P/U, S/O Wts.	
10:30	0.50	11:00	3	REAMING	Wash & Ream f/5212' To Btm @ 5305'.	
11:00	5.00	16:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma f/ 5305 To 5405 (100')	
16:00	0.50	16:30	7	LUBRICATE RIG	Service Rig	
16:30	13.50	06:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma Building Curve f/ 5405' To 5649' (244'). Wob30 k, Rpm Rotary 22, Motor 137, Gpm 475, SPP 1900, Diff 200. Rotate 81%, Slide 19%.	

13H-31-36 BTR 7/3/2012 06:00 - 7/4/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	10.50	16:30	2	DRILL ACTUAL	Steerable Drill/Log Gamma Building Curve f/ 5649' to 5879' (230') Wob 30 k, Rpm 25, Motor 137, Gpm 475, SPP 1900 Psi,	
16:30	0.50	17:00	7	LUBRICATE RIG	Service Rig	
17:00	13.00	06:00	2	DRILL ACTUAL	Steerable Drill/ Log Gamma Building Curve f/ 5879' to 6110' (231') Wob 35k, Rpm 22, Motor Rpm 135, Gpm 475, SPP 1975 Psi, Rotate 50% @ 24'/ Hr Slide 50% @ 20.3'/ Hr.	

13H-31-36 BTR 7/4/2012 06:00 - 7/5/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	17.00	23:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma Building Curve f/ 6110' to 6400' (290') = MTD Of 8 3/4" Curve. First Sign Of Packing-Off @ 6397' to 6400'. Stopped Drilling.. Wob 38k, Rotary Rpm 22, Motor Rpm 135, SPP 1950 Psi, Slide 62%, Avg Rop 18.5'/ Hr Rotate 38%, Avg Rop 22'/ Hr	



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
23:00	2.00	01:00	5	COND MUD & CIRC	Sweep & Circ 3 x Bottoms Up. " No Significant Change In Btms Up Samples". Hole Conditions Good.	
01:00	3.00	04:00	6	TRIPS	Short Trip 15 Stds to 4950'. Pulled 60k Over @ 5684' (Mtr Orientation) Rotated String 1/2 Turn & Came Thru fine. On TIH Tagged Up w/ 40k @ 6178' - Wash F/ 6178' To Btm @ 6400'. No Fill, No Sign Of Pack-Off.	
04:00	1.50	05:30	5	COND MUD & CIRC	Sweep & Circ 2 x Bottoms Up. (R/U L/D Machine While Circ).	
05:30	0.50	06:00	6	TRIPS	TOH Above K.O.P. 15 Stds - 4950' Prep To Lay Down Contractors DP.	

13H-31-36 BTR 7/5/2012 06:00 - 7/6/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	6	TRIPS	TOH f/ 6400' To 4950' (KOP 5220') - Tight Hole F/ 6241- 6211' & Had to Use Pump To Get Above KOP. Did't Have this On Previous Short Trip. Decision Made to LDDP & Run Csg.	
09:00	7.00	16:00	21	LAY DOWN DP	R/U & Lay Down Contractors DP.	
16:00	1.50	17:30	20	DIRECTIONAL WORK	L/D Directional Tools.	
17:30	0.50	18:00	23	PULL WEAR BUSHING	Pull Wear Bushing,	
18:00	0.50	18:30	7	LUBRICATE RIG	Service Rig	
18:30	11.00	05:30	12	RUN CASING & CEMENT	Held PJSJ R/U Franks Westates Tools & Equip - Run 7", 26#,P-110,LTC Intermediate Csg = Float Shoe, 2 Jts Csg, Float Collar,112 Jts To 5146'. Breaking Circ Every 1000'.	
05:30	0.50	06:00	5	COND MUD & CIRC	Circ 1 Casing Volume Above KOP @ 5220'.	

13H-31-36 BTR 7/6/2012 06:00 - 7/7/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.50	07:30	12	RUN CASING & CEMENT	Run Csg Thru Curve f 5146' To 6211' - Tagged Up.	
07:30	9.00	16:30	5	COND MUD & CIRC	Wash & Work Casing Down F/ 6211' to Land In Casing Head @ 6390' - Appeared To Be Ledging Out & Dropping Thru & Packing Off.	
16:30	3.00	19:30	5	COND MUD & CIRC	Circ Casing While R/D Casing Tools & P/U Machine, Held PreJob Safety Mtg w/ Halliburton. Circ & Lower Mud Visc to 45 Sec / Qt.	
19:30	3.00	22:30	12	RUN CASING & CEMENT	Swap Lines And Cement Intermediate Csg As Per Design = Pressure Test Lines To 5000 Psi, OK - Pump 10 Bbl Fresh Water, 40 Bbl Super Flush Mixed @ 10.0 Ppg, 10 Bbl Fresh Water Ahead Of Lead = 400 Sx 165 Bbl Tuned Lite Mixed @ 11.0 Ppg, 2.33 yld, 10.63 Gps Water. Tail w/ 350 Sx 88 Bbl ECONOCHEM Mixed @ 13.5 Ppg, 1.42 Yld, 6.61 Gps Water. Drop Plug & Displace w/ 240 Bbl 9.9 Ppg Mud. Bumped Plug w/ 1300 Psi Over = 3000 psi. Floats Held C.I.P. @ 22:00 Hr/ 7/6/12. 0 Bbl Cement To Surface. Well Tried To Bridge Off During Displacement. Recovered 10 Bbl Water, 40 Bbl Spacer, 5 Bbl Water That Was Pumped Ahead. Cement Approx 100' From Surface	
22:30	1.00	23:30	12	RUN CASING & CEMENT	R/D Cement Head. Flush Stack & Lay Down Landing Joint.	
23:30	1.50	01:00	12	RUN CASING & CEMENT	Lay Down Csg Elevators, 18' Bales, Clear Floor For Ops.	
01:00	1.00	02:00	14	NIPPLE UP B.O.P	Set Cameron IC-9 Pack-Off Bushing In Wellhead. Change Pipe Rams To 4".	
02:00	4.00	06:00	15	TEST B.O.P	Set Test Plug & Perform Required 30 Day Complete BOP Test.= Test to 250 Low/ 5 Min & 5000 Psi Hi /10 Min The Following, Blind Rams, Pipe Rams Choke Line & Valves, HCR, All Choke Manifold, & Kill Line Valves Including Check Valve. Upper & Lower IBOPs, Floor Safety Valves. Test Annular 250 Low/ 5 Min, 3500 Hi/10 Min. All Tested OK. Test Casing @ Report Time.	

13H-31-36 BTR 7/7/2012 06:00 - 7/8/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.00	08:00	15	TEST B.O.P	Pressure Test Blind Rams 250 Low/5 Min, 5000 Hi/ 10 Min. Pull Test Plug Test 7" Intermediate Csg To 1500 Psi/ 30 Min w/ " No Leak Off". R/D Tester.	
08:00	0.50	08:30	7	LUBRICATE RIG	Service Rig	
08:30	2.00	10:30	21	P/U Rental DP	Load Racks Strap & Caliper Tools & 45 HWDP, Record Fish Necks. M/U Bit & Bit Sub w/ Float.	
10:30	1.50	12:00	21	P/U RENTAL DP	Held Pre-Job Safety Mtg. R/U P/U Machine	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
12:00	11.00	23:00	21	P/U RENTAL DP	P/U 45 4" XT-39 HWDP, & Drill Pipe To 6200', R/D P/U Machine.
23:00	1.00	00:00	5	COND MUD & CIRC	Break Circ - Wash Down Singles & Tag Up On Float Collar @ 6297'
00:00	1.00	01:00	22	DRILL CEMENT	Drill Float Collar, 5' Of Void & 58' Of Cement to 6360'.
01:00	4.00	05:00	5	COND MUD & CIRC	Circ & Raise Mud Wt To 14.0 Ppg. Pressure Test Shoe Jts To 1000 Psi - Good.
05:00	1.00	06:00	22	DRILL CEMENT	Drill Cement & Shoe @ 6390'.

13H-31-36 BTR 7/8/2012 06:00 - 7/9/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	22	DRILL CEMENT	Drill Out Rathole F/ 9390' to 9400' TD.
07:00	0.50	07:30	2	DRILL ACTUAL	Rotary Drill w/ Conventional Assy 5' Of New Formation 6400' - 6405.
07:30	1.00	08:30	5	COND MUD & CIRC	Circ & Cond Hole, Btms Up On New Formation Samples Show No Real Sign Of Cavings. Flow Check Negative w/ No Mud Losses As Yet. Pump Slug.
08:30	3.50	12:00	6	TRIPS	TOH, L/D Bit & Bit Sub.
12:00	2.00	14:00	20	DIRECTIONAL WORK	P/U Test & Scribe Hunting 1.83* Motor. BHA= PDC Bit - Motor - Pony NMDC - UBHO - NMDC / Pulse Tool - NMDC - XO - 45 Stds DP - 15 Stds HWDP.
14:00	1.50	15:30	6	TRIPS	TIH to 2660' - Lost Rig Power To Controls.
15:30	0.50	16:00	7	LUBRICATE RIG	Rig Service - Change Out Fiber Optic Control Line,
16:00	3.00	19:00	6	TRIPS	TIH Wash To Btm
19:00	0.50	19:30	2	DRILL ACTUAL	Drill Formation 6405' - 6409' Lost Circ.
19:30	10.00	05:30	21	LOST CIRC	P/U To Csg Shoe, Pump 40 Bbl / 20% LCM Pill. w/ No Results. Bring active Up To 10% & Cut Mud Wt to 13.0 Ppg No Flow, Shut down & Let Heal while Bldg Volume. Pump 30 Bbl / 20% Lcm Pill @ 12.5 Ppg In Active System w/ No Results, Back Side Full w/ Small Loss when Circ Trip Tank. Prep For Trip To L/D Directional Assy.
05:30	0.50	06:00	6	TRIPS	TOH For Conventional Assy w/ Open Nozzle Bit.

13H-31-36 BTR 7/9/2012 06:00 - 7/10/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	TOH (Wet) To Let Hole Heal & C/O BHAs. (Flush BHA W/ 20 Bbl Water Prior To Laying Down.
09:30	2.00	11:30	20	DIRECTIONAL WORK	Lay Down Directional Tools.
11:30	0.50	12:00	7	LUBRICATE RIG	Service Rig, Change Out Hyd. Cylinder On Top Drive DP Grabber.
12:00	6.00	18:00	6	TRIPS	Make Up RR PDC Bit, Bit Sub w/ Float & TIHw/ 45 HWDP & 4" DP to Shoe. Break Circ Every 1000' . Had Good Returns Each Time.
18:00	2.50	20:30	5	COND MUD & CIRC	Circ At 7" Shoe w/ Seepage Loss Of 20 Bbl / Hr. Pump 30% LCM Sweep - Cond Mud To 13.0 Ppg - w/ 12 Bbl/ Hr Mud Loss with 15% LCM In Active System.
20:30	4.50	01:00	2	DRILL ACTUAL	Drill Conventional Rotary f/ 6409' To 6426' (17') - Drilled @ 16'- 20'/Hr From 6409' to 6421', Then As LCM Sweep came Around Bit it Quit Drilling. Remaining 5' Drilled Took 2 1/2 Hours. Decision To Pull Bit After all Drilling Parameters Were Altered In Every Fashion, With Out Improvement.
01:00	4.00	05:00	6	TRIPS	Slug DP TOH - Bit Had Shale Packed In Center Throat Of Cutters.
05:00	1.00	06:00	20	DIRECTIONAL WORK	M/U Directional Tools

13H-31-36 BTR 7/10/2012 06:00 - 7/11/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	20	DIRECTIONAL WORK	M/U Directional Tools - SmithPDC - Hunting 1.83* B/H, 7/8, 4.5 Stg, .46 Rpg Motor - Pony NMDC - UBHO - NMDC/EM tool - Gap Sus - NMDC - XO - 45 Stds 4" Push Pipe - 45 Jts HWDP.
07:30	1.50	09:00	6	TRIPS	TIH to 1529' Attempt To Break Circ - MWD Packed Off. TOH
09:00	3.00	12:00	20	DIRECTIONAL WORK	L/D EM Tool & NMDC - Replace Monel & EM Tool w/ Back up Tool. (Packed Off w/ LCM At Top Of Bow Spring Section). P/U New Motor As Precaution & Pump Thru All Tools OK.
12:00	1.50	13:30	6	TRIPS	TIH
13:30	0.50	14:00	7	LUBRICATE RIG	Service Rig & Top Drive



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
14:00	4.00	18:00	6	TRIPS	TIH Fill w/ Clean Mud Every 1000'. To Csg Shoe - Get SPRs & P/U, S/O, Rot Wts.	
18:00	12.00	06:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma To Build Curve - 6426' to 6560' (134') = Rotate Drill f/ 6426' to 6454' - To Get Qualified Survey Below 7" Csg Shoe. Beginning w/ 20'/Jt Slides. Wob 12 -20k, Rotary 20, Motor 124, Gpm 270, SPP 2700 Psi. 69% Slide Avg Rop 9.4'/ Hr 31% Rotary Avg Rop 13.7'/ Hr NOTE: With Motor / MWD In Hole - Maintaining 7% LCM In Active System w/ 12.7 Ppg Mud with No Losses, At Given Gpm Of 270, ECD = 13.8 Ppg. WellBore Seems Stable W/ No Issues At Present.	

13H-31-36 BTR 7/11/2012 06:00 - 7/12/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	6.00	12:00	2	DRILL ACTUAL	Steerable Drill/Log Gamma To Build Curve f/ 6560' to 6603' (43') Slide Rop Decreased To 3'/ Hr. 20'/Hr Rotate.	
12:00	1.50	13:30	5	COND MUD & CIRC	Sweep & Circ Hole Clean Evaluate Drill Cuttings - No Significant Change In Appearance. (Previous Bit Pulled Had Water Course Plugged w/ Shale/ Asphalt keeping Rop Down).	
13:30	4.00	17:30	2	DRILL ACTUAL	Steerable Drill f/ 6603' To 6635' (32').	
17:30	0.50	18:00	7	LUBRICATE RIG	Service Rig.	
18:00	12.00	06:00	2	DRILL ACTUAL	Steerable Drill f/ 6635 to 6758' (123'). Rop avg For 24 Hrs - Rotating 13.6'/ Hr - Slide 6.9'/ Hr. Rotate 58% - Slide 42% To Achieve 91* Landing @ 6290' TVD.	

13H-31-36 BTR 7/12/2012 06:00 - 7/13/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.50	06:30	2	DRILL ACTUAL	Steerable Drill/Log Gamma To Build Curve f/ 6758' to 6763' - Survey 6706' - 87.2* - 272 Az.	
06:30	1.50	08:00	5	COND MUD & CIRC	Sweep & Circ Hole Clean - Mix & Pump Slug (Flow Check Negative).	
08:00	4.00	12:00	6	TRIPS	POOH, 6763 To 108, Pull Rt Head Rubber	
12:00	3.50	15:30	20	DIRECTIONAL WORK	Pull MWD Tool Rack Back Monel, Break Bit,L/D Motor,Strap & Pick Up New Motor,M/U Bit,Monel, P/U MDW Tool, Flow Check Motor	
15:30	3.00	18:30	6	TRIPS	TIH 104 To 1052' Install Rt Head Rubber,TIH 1052 To 4369', Break Circulation Every 1000'	
18:30	1.00	19:30	9	CUT OFF DRILL LINE	Slip & Cut 114' Drill Lilne	
19:30	2.00	21:30	6	TRIPS	TIH 4369 To 6390' Break Circ Every 1000' & Circ Bottom Up @ 6390', TIH To 6763'	
21:30	8.50	06:00	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 6763' To 6895' (132' @ 15.5 ft hr). Wob 20-22 k, Gpm 269, Motor Rpm 275, (Motor RPG = 1.02 RPG) SPP 3040 psi, Diff @ 336 psi. Slide 40 %, Rotate 60 %	

13H-31-36 BTR 7/13/2012 06:00 - 7/14/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	10.00	16:00	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 6895' To 7168' (273' @ 27.3 ft hr). Wob 20-22 k, Gpm 269, Motor Rpm 275, (Motor RPG = 1.02 RPG) SPP 3040 psi, Diff @ 336 psi. Slide XX %, Rotate XX %	
16:00	0.50	16:30	7	LUBRICATE RIG	Rig Service	
16:30	13.00	05:30	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 7168' To 7454' (286' @ 22. ft hr). Wob 20-22 k, Gpm 269, Motor Rpm 275, (Motor RPG = 1.02 RPG) SPP 2952 psi, Diff @ 170 psi. Slide 14 %, Rotate 86 %	
05:30	0.50	06:00	5	COND MUD & CIRC	Circulate Bottoms & Clean Hole	

**13H-31-36 BTR 7/14/2012 06:00 - 7/15/2012 06:00**

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.00	08:00	5	COND MUD & CIRC	Pump sweeps & Clean Hole, Working Pipe 90' & Rt @ 80 rpm	
08:00	6.50	14:30	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 7456' To 7547' (91' @ 14. ft hr). Wob 20-22 k, Gpm 269, Motor Rpm 275, (Motor RPG = 1.02 RPG) SPP 2952 psi, Diff @ 170 psi. Slide XX %, Rotate 100 %	
14:30	0.50	15:00	7	LUBRICATE RIG	Rig Service	
15:00	8.00	23:00	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 7547' To 7681' (134' @ 17 ft hr). Wob 20-22 k, Gpm 269, Motor Rpm 275, (Motor RPG = 1.02 RPG) SPP 2952 psi, Diff @ 170 psi. Slide 4 %, Rotate 95 %	
23:00	1.50	00:30	5	COND MUD & CIRC	Pump Sweeps, Circulate 2 Bottom Up	
00:30	0.50	01:00	8	REPAIR RIG	TDS Malfunction, Trouble Shoot Grabber Box	
01:00	4.50	05:30	6	TRIPS	TOOH 7681 To 104	
05:30	0.50	06:00	6	TRIPS	Lay Down MWD Tool, Mud Motor, & Bit	

13H-31-36 BTR 7/15/2012 06:00 - 7/16/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.50	07:30	20	DIRECTIONAL WORK	Break Bit, L/D Motor, Strap & P/U New Motor	
07:30	0.50	08:00	7	LUBRICATE RIG	Rig Service	
08:00	3.00	11:00	8	REPAIR RIG	Work On Top Drive,C/O Control On Top Drive	
11:00	1.50	12:30	20	DIRECTIONAL WORK	P/U Motor,M/U Bit, Monel,Scribe In, P/U MWD Tool	
12:30	5.50	18:00	6	TRIPS	TIH 108 To 1245', Install Rt Head, TIH 1245 To 6400', Fill Pipe & Break Cir Every 1000' Ft, , Cir Bottom @ 6400',	
18:00	1.00	19:00	6	TRIPS	TIH 6794 To 7681	
19:00	0.50	19:30	5	COND MUD & CIRC	Circulate Bottom Up Prior To Drilling	
19:30	10.50	06:00	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 7681' To 7950' (269' @ 26 ft hr). Wob 20-22 k, Gpm 270, Motor Rpm 124, (Motor RPG = .46 RPG) SPP 2840 psi, Diff @ 200 psi. Slide 14 %, Rotate 86 %	

13H-31-36 BTR 7/16/2012 06:00 - 7/17/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	6.00	12:00	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 7950' To 8150' (200' @ 33 ft hr). Wob 15-22 k, Gpm 270, Motor Rpm 124, (Motor RPG = .46 RPG) SPP 3440 psi, Diff @ 300 psi. Slide XX %, Rotate 100 %	
12:00	0.50	12:30	7	LUBRICATE RIG	Rig Service	
12:30	17.50	06:00	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 8120' To 8499' (379' @ 21.7 ft hr). Wob 15-22 k, Gpm 270, Motor Rpm 124, (Motor RPG = .46 RPG) SPP 3440 psi, Diff @ 300 psi. Slide 16 %, Rotate 84 %	

13H-31-36 BTR 7/17/2012 06:00 - 7/18/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	5	COND MUD & CIRC	Pump 2 Sweeps & Circulate Bottoms Up	



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
09:00	8.50	17:30	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 8499' To 8784' (285' @ 33.5 ft hr). Wob 15-22 k, Gpm 270, Motor Rpm 124, (Motor RPG = .46 RPG) SPP 3440 psi, Diff @ 300 psi. Slide XX %, Rotate XX %	
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service	
18:00	12.00	06:00	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 8784' To 9058' (274' @ 22.8 ft hr). Wob 15-22 k, Gpm 270, Motor Rpm 124, (Motor RPG = .46 RPG) SPP 3440 psi, Diff @ 300 psi. Slide 16 %, Rotate 84 %	

13H-31-36 BTR 7/18/2012 06:00 - 7/19/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	10.50	16:30	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 9058' To 9351' (293' @ 28 ft hr). Wob 15-22 k, Gpm 270, Motor Rpm 124, (Motor RPG = .46 RPG) SPP 3440 psi, Diff @ 300 psi. Slide 4 %, Rotate 96 %	
16:30	0.50	17:00	7	LUBRICATE RIG	Rig Service	
17:00	7.50	00:30	2	DRILL ACTUAL	Steerable Drill 6 1/8" Prod. Lateral f/ 9351' To 9550' (199' @ 27 ft hr). Wob 15-22 k, Gpm 270, Motor Rpm 124, (Motor RPG = .46 RPG) SPP 3440 psi, Diff @ 300 psi. Slide 14 %, Rotate 86 %	
00:30	3.00	03:30	5	COND MUD & CIRC	Pump 2 Sweeps, Circulate 3 Bottoms Up To Condition Hole For Trip, Get Flow Check	
03:30	2.50	06:00	6	TRIPS	TOOH F/ 9550 To 6500 - (7" Csg Shoe @ 6390'). Good Hole Conditions.	

13H-31-36 BTR 7/19/2012 06:00 - 7/20/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.50	09:30	6	TRIPS	TOOH, SLM, Pull Rt Head Rubber SLM @ 9551' No Corrections	
09:30	2.50	12:00	20	DIRECTIONAL WORK	L/D MWD Tool, L/D NMDC, Break Bit & L/D Motor	
12:00	0.50	12:30	7	LUBRICATE RIG	Rig Service	
12:30	2.00	14:30	21	P/U Reamer Assembly	P/U Hole Opener, Install Float Into Bit, M/U To Bit Sub, M/P To Single DP, P/U String Mill Guage String Mill,	
14:30	4.00	18:30	6	TRIPS	TIH To 47 To 1054, Install Rt Head, TIH To 6390'	
18:30	0.50	19:00	5	COND MUD & CIRC	Cir Bottom Up @ 7" Shoe.	
19:00	3.50	22:30	3	REAMING	Wash & Ream F/ 6390' To 7306' - Began Loosing Mud After Reaming Bridge @ 7306' - 7311'. NOTE: " Reamed Thru Curve @ 50 RPM 1st Pass, Increasing To 70 Rpm on 3rd pass". Ream Lateral @ 55 RPM 1st Pass & 80 RPM Thereafter To 7306' Began Mud Losses.	
22:30	2.00	00:30	5	COND MUD & CIRC	Pump 2, 20% LCM Sweeps & Circ Out. Began Increasing LCM In Active System f/ 6% To 20% Using Sweeps & Adding to Active.	
00:30		00:30	3	REAMING	Wash & Ream f/ 7306' to 8818' - Beginning w/Sweep Every 500' - Increasing Frequency to 250' Washed To Keep Up w/ Losses - Sweeps Reveal No Cavings Upon Btms Up. Reduced Pump Rate f/ 272 Gpm To 248 Gpm To Reduce Mud Loss (@ 40 Bbl/Hr - To 20 Bbl/hr). Reduced Reaming RPM To 60 To Minimize Loss Of Wall Cake. Have Not Had Any Real Reaming Since 7306'- 7311'. "Good Hole Conditions". Note: Began Taking 3k - 5k Wt @ 8603'	

13H-31-36 BTR 7/20/2012 06:00 - 7/21/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.50	11:30	3	REAMING	Wash & Ream To Btm f/ 8818' to 9566
11:30	3.00	14:30	5	COND MUD & CIRC	Pump Sweeps & Circulate 2 Bottoms Up
14:30	2.00	16:30	6	TRIPS	POOH, 9550 To 6355' & Drop Rabbit,
16:30	0.50	17:00	7	LUBRICATE RIG	Rig Service
17:00	2.00	19:00	6	TRIPS	POOH 6355' To 5755' L/D 2 Joints DP' PooH To 4280'
19:00	1.50	20:30	8	REPAIR RIG	Troubleshoot & Fix Lost Communication Problem Between DC PLC & VFD PLC
20:30	2.00	22:30	6	TRIPS	TOOH 3867 To 0 lay Down String Reamers & Hole Opener
22:30	1.50	00:00	12	RUN CASING & CEMENT	Clean Floor, Have Jsa & Review HSE Standars & Guidelines Rigging Up Casing Tools & Equipment, P/U Machine.
00:00	4.50	04:30	12	RUN CASING & CEMENT	Run 4 1/2", 11.6#, P-110, LTC Production Liner = Float Shoe - 2 Jts Csg - Float Collar - Landing Collar - 1 Jt Csg - "RSI" - 91 Jts Csg - xo - Halliburton VersaFlex Liner Hanger w/ 12' PBR/ Tie Back Sleeve. w/ Setting Tool.
04:30	1.50	06:00	12	RUN CASING & CEMENT	P/U Liner Hanger & 1 Std DP, Install Rt Head Rubber, Circulate Through Casing

13H-31-36 BTR 7/21/2012 06:00 - 7/22/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	Run Casing With Std Of Drill Pipe.TIH F/4024 To 6329', Filling Pipe Every 10 Std,
08:30	0.50	09:00	5	COND MUD & CIRC	Circulate Bottom Up @ 6390' 7" Casing Shoe,
09:00	3.00	12:00	6	TRIPS	TIH 6329 To 9145' Wash Down 9145 To 9556
12:00	3.50	15:30	5	COND MUD & CIRC	P/U Cement Head & Swivel & Circulate To Cement
15:30	0.50	16:00	12	RUN CASING & CEMENT	P.J.S.M & R/U Halliburton
16:00	2.50	18:30	12	RUN CASING & CEMENT	Cement 4 1/2" 11.6#, P-110, LTC, Prod. Liner @ 9550' Btm, TOL @ 5504'. = Cement Liner = Held Pre-Job Safety Mtg w/ All Personel, Pressure Test Lines To 8000 Psi. Pump 5 bbl Water, 80 Bbl TUNED Spacer @ 13.0 Ppg, Ahead Of 535 Sx/ 118 Bbl Of EXPANDACEM Mixed @ 13.5 Ppg, 1.24 Yld, 4.86 Gps Water. @ 5 Bbl / Min. Displace Liner w/ 63 Bbl Fresh Water w/ Biocide, & 12.5 Ppg Mud f/ TOL @ 5504' to Surface. Bumped Plug w/ 1336 Psi Over, Final Lift Pressure 2880 Psi =4216 Psi. Floats Held, Bled Back 2.5 Bbl. CIP @ 18.29, 7/21/12.
18:30	4.50	23:00	12	RUN CASING & CEMENT	Drop 1.876" Ball & Pressure Up to Shear Disc, Rupture @ 5700 Psi. Pump Ball To Seat @ 3 BPM, Slow Rate To .5 BPM To Expand Liner Hanger, Seen 2 Spikes 6300 Psi & 7100 Psi Bled Off Pressure. Pull Test w/ 230 k Tension to Confirm Hanger Is Set. Slack Off & put 50 k Down To Release Colletts From Liner Hanger. P/U 26' Liner Setting Tool Free. Circ The Long Way w/ 1.5 x Annular Volume Using 12.5 Ppg Mud. Recovered 80 Bbl Spacer & 50 Bbl Cement. Shut Down Close Annular & Pressure test Positive 3000 Psi / 15 Minutes." Good". Bled Off Pressure, Open Annular & Displace Drilling Mud From Well w/ Fresh Water. Circ Until Clean. Flow Check Negative. (Neg. Test) Monitor Well For Flow While R/D Cement Equipment & lines.
23:00	1.00	00:00	7	LUBRICATE RIG	Rig Service & Monitor Well
00:00	1.00	01:00	12	RUN CASING & CEMENT	Have Pre-Job Saftey Meeting & JSA, Rig Up Laydown Crew
01:00	3.50	04:30	6	TRIPS	Lay Down 130 Jt Of 4"DP45 Jt Of 4" HWDP,& Liner Tool 5424 To 0
04:30	1.50	06:00	6	TRIPS	Put Flag Pole In V-Door & TIH, 42 Std Of DP

13H-31-36 BTR 7/22/2012 06:00 - 7/23/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	6	TRIPS	P/U Flag Pole & L/D 126 Joints 4" DP, 3980 To 0, Cleaning on Pits
09:00	1.00	10:00	12	RUN CASING & CEMENT	Rig Down Laydown Machine, & Clean On Pits
10:00	2.00	12:00	14	NIPPLE UP B.O.P	Nipple Down BOP & Choke Lines ,Cameron Pulled Pack- Off Bushing & Install Night Cap On Wellhead. Mud Tanks Are Clean. RELEASE RIG FROM DAYWORK @ 12:00 NOON, 7/22/12 LAST DRILLING REPORT.

13H-31-36 BTR 7/27/2012 00:00 - 7/28/2012 00:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Initial Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	24.00	00:00	FRAC	Frac. Job	HSM. PAD CELLAR W/ DIRT. INSTALL CAMERON 7" 10K TBG HEAD. PRES TEST VOID TO 5500 PSI. GOOD

13H-31-36 BTR 7/28/2012 00:00 - 7/29/2012 00:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	8.00	08:00	CTRL	Crew Travel	TRAVEL TO LOCATION. HSM.
08:00	9.00	17:00	LOGG	Logging	SICP 0. RU SCHLJ AND CRANE. HOOK UP CABLE FOR PRES. RIH W/ CBL/GR AND TRACTOR. THRU 4-1/2" LT AT 5504'. SET DOWN SOLID AT 8653'. TRACTOR PUSHING 1000#. PULLIN 4-500 TO GET OUT. UNABLE TO GET TO PBTD. LOG UP W/ 1000 PSI. GOT HUNG UP AT 6536'. WORK FREE. NO LOG FROM 6536'-6450'. CONT LOG TO SURFACE. RD EQUIP
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626405
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-31-36 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504650000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE 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"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/19/2012	<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 checked="" 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.
 This well had first gas sales on 8/19/2012.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 28, 2012**

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 8/27/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626405
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-31-36 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504650000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE 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"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/31/2012	<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.

August 2012 monthly drilling activity report is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 05, 2012

NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A	DATE 9/4/2012	

**13H-31-36 BTR 8/3/2012 00:00 - 8/4/2012 00:00**

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.	
01:00	2.50	03:30	SRIG	Rig Up/Down	N/D WELLHEAD. N/U BOP. R/U FLOOR & EQUIPMENT. SPOT IN PIPE RACKS. LOAD 140 JT'S 4-1/2 CSG ON RACKS & TALLY. R/U TRS CSG CREW.	
03:30	3.50	07:00	RUTB	Run Tubing	P/U HALCO 4-1/2 SEAL ASSEMBLY. RIH TO LINER HANGER TOP @ 5504' P/U 4-1/2 P-110 FRAC STRING..	
07:00	1.50	08:30	GOP	General Operations	ROLL HOLE W/ 200 BBL'S 3% KCL.	
08:30	1.00	09:30			SPACE OUT & STING INTO LINER HANGER. 129 JTS TOTAL & 5 - 4-1/2 TBG PUPS. TEST 7" CSG TO 2000 PSI FOR 15 MINS, HELD GOOD	
09:30	1.00	10:30	BOPR	Remove BOP's	N/D BOP. N/U 10K 4-1/16 FRAC TREE & TEST. R/U SAND TRAP & FLOW BACK EQUIPMENT.	
10:30	1.50	12:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. MOVE OFF LOCATION. SWIFN.	
12:00	12.00	00:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE. CREW TRAVEL.	

13H-31-36 BTR 8/4/2012 00:00 - 8/5/2012 00:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
00:00	0.50	00:30	SMTG	Safety Meeting	HELD SAFETY MEETING W/ ALL CONTRACTORS ON LOCATION ON DAILY OPERATION.	
00:30	4.00	04:30	SRIG	Rig Up/Down	R/U CUDD 2" COIL TBG UNIT. P/U 3-7/8 JUNK MILL & STI MUD MOTOR ASSEMBLY. FUNCTION TEST ON SURFACE, TEST LUBRICATOR & SURFACE EQUIPMENT TO 4500 PSI. HELD GOOD.	
04:30	8.00	12:30	CLN	Clean Out Hole	RIH PUMPING .5 BPM TO LINER @ 5504'. UP RATE TO 2 BPM. CONTINUE IN HOLE. TAG FILL @ 8653'. UP RATE TO 2.5 BPM. C/O CMT TO 9422'. 20' ABOVE RSI SLEEVE. CIRC CLEAN. POOH W/ COIL.	
12:30	4.00	16:30	PTST	Pressure Test	PRESSURE UP ON 7" CSG TO 2000 PSI, PRESSURE UP ON 4-1/2 CSG TO 8400 PSI & RSI SLEEVE OPENED. PUMPING INTO @ 1.3 BPM @ 7300 PSI. R/D CUDD. SWIFN	
16:30	7.50	00:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE.	

13H-31-36 BTR 8/5/2012 00:00 - 8/6/2012 00:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
00:00	1.50	01:30			MIRU HALCO. TEST LINES TO 9500 PSI. HELD.	
01:30	4.00	05:30	ACID	Acid Wash/Squeeze	SIWP- 625. RSI TOOL @ 9422. INJECTION TEST. PUMPING INTO @ 3.4 BPM, 7400 PSI. PUMP 1000 GAL 15% HCL, FLUSHED W/ 146 BBLS. 1SIP - 5300. 15 MIN SIP- 1587. INJECTION TEST. PUMPED 20 BBLS TOTAL. 5.1 BPM, 4460 PSI. BLEED PRESSURE OFF OF 7" CSG. SWIFN. R/D HALCO.	
05:30	18.50	00:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN & SECURE.	

13H-31-36 BTR 8/8/2012 06:00 - 8/9/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Finished Setting Frac Line. 32 KCL/15 Produced Water. Filling Frac Tanks. Rigged Up FlowBack And SandTrap. Set Fill Manifolds. HES Set Water Manifold.	

13H-31-36 BTR 8/9/2012 06:00 - 8/10/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Finish Filling Frac Line With KCL And Produced Water. Heat KCL Tanks. Nipple Up Goat Head On Frac Tree. Finish Prep For Frac.	

13H-31-36 BTR 8/10/2012 06:00 - 8/11/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Initial Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	LOCL	Lock Wellhead & Secure	WSI And Secured. WireLine On Location At 0630 Hrs., Hold Safety Meeting. Spot And Rig Up Equipment. HES Rigged Up, Small Crew On Location At 0745 Hrs.. Start Equipment, Prime Up HP.	
09:00	1.60	10:36	PTST	Pressure Test	Nipple Up To Well With Lubricator. Pressure Test To 8500#. Arm Gun. Wait On Dummy Plug.	
10:36	0.08	10:40	SMTG	Safety Meeting	Safety Meeting With Contractors. Went Over Pump Down Procedure, PPE, Smoking Area, Mustering Area, And Red Zones.	
10:40	2.00	12:40	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 4 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28-2012. Log Only Shows Collars To 8653'. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 11.0 Bpm At 6,360 Psi., RIH At 80-100 Ft./Min., 650-850# Tension. Pumped 466 Bbls., 3680 Psi. On Well. Pull Up And Shoot Stage 1 Black Shale, 9,388 - 9,164', 60 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured.	
12:40	1.00	13:40	SRIG	Rig Up/Down	WireLine And Frac Crew ShutDown And Secure Equipment.	
13:40	16.33	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.	

13H-31-36 BTR 8/11/2012 06:00 - 8/12/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50465	Utah	Duchesne	Black Tail Ridge	COMPLETION	6,828.0	Initial Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.50	06:30	GOP	General Operations	HES Frac Crew On Location At 0530 Hrs.. Start Equipment. Run Fluid Checks, Prime Chemicals And HHP. Pressure Test To 9000#'s. Pressure Up 7" Annulus To 2000#'s.	
06:30	0.67	07:10	SMTG	Safety Meeting	Hold Safety Meeting. Talked About PPE, Wind Direction, Mustering Areas, Communication, And Red Zones.	
07:10	1.42	08:35	FRAC	Frac. Job	Stage 1 Black Shale. Fluid System, Hybor G 16. Open Well, 650 Psi. ICP. BrokeDown At 10.1 Bpm And 4,517 Psi.. Pump 3900 Gals. 15% HCL.. Get Stabilized Injection Of 50.0 Bpm And 6,924 Psi.. Get ISIP, 4,075 Psi.. 1.09 Psi./Ft. F.G.. 20/60 Holes. Con't With SlickWater Pad, 38,628 Gals.. Stage Into 1# 100 Mesh, On Perfs., 56.1 Bpm At 7,776 Psi., 20,603 Gals.. Stage Into 1# 20/40 White, On Perfs., 45.6 Bpm At 7,420 Psi., 10,995 Gals. Cut Sand Early, Pressuring Out. Sharp Increase In Net. Stage Into Flush, Flush 45 Bbls. Over Bottom Perf.. Get ISDP, 6,543 Psi.. 1.20 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 19,700# Total 20/40 White Prop - 9,200# Total Clean - 87,603 Gals.. 3% KCL - 34,387 Gals.. Produced Water - 53,216 Gals. BWTR - 2,143 Bbls. Max. Rate - 56.5 Bpm Avg. Rate - 49.2 Bpm Max. Psi. - 8,187 Psi. Avg. Psi. - 7,370 Psi.	
08:35	3.25	11:50	CTUW	W/L Operation	Well Turned Over To WireLine. Arm Gun/Reconfigure To 6 Spf, Pick Up With Baker 20 And HES Obsidian CFP. Nipple Up To Well, Equalize.	
11:50	2.42	14:15	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28-2012. Log Only Shows Collars To 8653'. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 11.0 Bpm At 6,360 Psi., RIH At 80-100 Ft./Min., 650-850# Tension. Pumped 409 Bbls., 3300 Psi. On Well. Pull Up, Set CFP At 9,109'. Pull Up And Shoot Stage 2 Black Shale, 9,089 - 8,850', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured.	
14:15	0.17	14:25	GOP	General Operations	Well Turned Over To HES. Pressure Test To 9000#, Equalize.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
14:25	0.41	14:50	FRAC	Frac. Job	Stage 2 Black Shale. Fluid System, Hybor G 16. Ran Isotope Tracer In 100 Mesh Open Well, 1,211 Psi. ICP. BrokeDown At 10.4 Bpm And 6,672 Psi.. Pump 5000 Gals. 15% HCL.. Spot Across Perfs, Let Soak 10 Min.. Get Stabilized Injection Of 50.8 Bpm And 7,702 Psi.. Get ISIP, 4,631 Psi.. 1.18 Psi./Ft. F.G.. 19/90 Holes. Con't With SlickWater Pad, 38,787 Gals.. Stage Into 1# 100 Mesh, On Perfs., 56.1 Bpm At 7,776 Psi., 15,596 Gals.. Pressuring Out, Cut Sand Pumped Approx. 1,000 Gallons, Screened Out. WSI And Secured. Total 100 Mesh - 10,600# Total Clean - 70,812 Gals.. 3% KCL - 18,150 Gals.. Produced Water - 51,723 Gals. BWTR - 1,700 Bbls. Max. Rate - 52.1 Bpm Avg. Rate - 42.5 Bpm Max. Psi. - 8,801 Psi. Avg. Psi. - 7,811 Psi.
14:50	4.50	19:20	FBCK	Flowback Well	Open Up To FlowBack. Flow Back On 28/64 Choke. Recovered 200 bbls in 4-1/2 hrs. Ave 40 bph, Work choke from 28/64 to 40/64 to keep flow, FCP 150 psi to 50 psi. SWI and turn over to HES.
19:20	1.00	20:20	FRAC	Frac. Job	Open well w/ 647 psi and attempt to flush. Pmp 10 bpm as pressure climbed to 8500#. Work rate depending on pressure. Able to get to 30.8 bpm at 8247 psi. Flush 156 bbl at 30.9 bpm at 8167 psi. SWI at 4900 and turn over to SLB.
20:20	2.50	22:50	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28 -2012. Log Only Shows Collars To 8653'. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 10.25 Bpm At 6,200 Psi., RIH At 61 Ft./Min., 630# Tension. Pumped 422 Bbls., 3550 Psi. On Well. Pull Up, Set CFP At 8,809'. Pull Up And Shoot Stage 3 Black Shale, 8,789 - 8,550', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured. Ball dropped. Turn over to HES. BWTR Stg #2 2562 bbls.
22:50	1.00	23:50	FRAC	Frac. Job	Open well w/ 1600#. Pmp 4000 gal to push ball down. 10.6 bpm at 4000#. Pmp 6707 gal 15% HCL w/ 122 bio balls as start walk up rate. Displace acid to top perf w/ 5590 gal. Pmp total 16,297 gal. Ball seated at 10,600 gal. BD 6300# at 27 bpm. Seen some ball action. Max rate 28.1, max pres 6348 psi. Isip 3600#. Shut in w/ 2100#. Total 388 bbls pmped.
23:50	6.10	05:56	LOCL	Lock Wellhead & Secure	Secure well for night.

13H-31-36 BTR 8/12/2012 06:00 - 8/13/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	GOP	General Operations	HES Frac Crew On Location At 0530 Hrs.. Start Equipment. Run Fluid Checks, Prime Chemicals And HHP. Pressure Test To 9000#'s. Pressure Up 7" Annulus To 2000#'s.
06:45	0.50	07:15	SMTG	Safety Meeting	Hold Safety Meeting. Talked About PPE, Wind Direction, Mustering Areas, Communication, And Red Zones.
07:15	0.75	08:00	FRAC	Frac. Job	Stage 3 Black Shale. Fluid System, Hybor G 16. Open Well, 2,807 Psi. ICP. Get Stabilized Injection Of 60.0 Bpm And 7,442 Psi., Get ISIP, 3,953 Psi.. 1.07 Psi./Ft. F.G.. 24/90 Holes. Con't With SlickWater Pad, 38,689 Gals.. Stage Into 1# 100 Mesh, On Perfs., 65.3 Bpm At 7,642 Psi., 20,576 Gals.. Stage Into .5# 20/40 White, On Perfs., 65.7 Bpm At 7,238 Psi., 6,000 Gals. Stage Into 1# 20/40 White, On Perfs., 65.4 Bpm At 7,261 Psi., 9,079 Gals. Stage Into 2# 20/40 White, On Perfs., 65.5 Bpm At 7,197 Psi., 14,239 Gals. Cut Sand, Sharp Net Increase Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 5,117 Psi.. 1.25 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 20,000# Total 20/40 White Prop - 34,300# Total Clean -129,126 Gals.. 3% KCL - 77,902 Gals. Produced Water - 51,224 Gals.. BWTR - 3,445 Bbls. Max. Rate - 65.8 Bpm Avg. Rate - 64.0 Bpm Max. Psi. - 8,075 Psi. Avg. Psi. - 7,323 Psi.
08:00	0.59	08:35	CTUW	W/L Operation	Well Turned Over To WireLine. Arm Gun, Pick Up With Baker 20 And HES Obsidian CFP. Nipple Up To Well, Equalize.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
08:35	1.50	10:05	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28 -2012. Log Only Shows Collars To 8653'. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 4,900 Psi., RIH At 115 Ft./Min., 600# Tension. Pumped 175 Bbls., 2500 Psi. On Well. Pull Up, Set CFP At 8,532'. Pull Up And Shoot Stage 4 Black Shale, 8,507 - 8,288', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured.
10:05	0.17	10:15	GOP	General Operations	Well Turned Over To HES. Pressure Test To 9000#, Equalize.
10:15	2.25	12:30	FRAC	Frac. Job	Stage 4 Black Shale. Fluid System, Hybor G 16. Ran IsoTope Tracer In Sand Stages. Open Well, 1,400 Psi. ICP. Let Ball Fall 15 Minutes. BrokeDown At 10.5 Bpm And 6,720 Psi.. Pump 5000 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls DisSolve. Get Stabilized Injection Of 56.9 Bpm And 7,917 Psi., Get ISIP, 4,370 Psi.. 1.13 Psi./Ft. F.G.. 20/90 Holes. Con't With SlickWater Pad, 38,722 Gals.. Stage Into 1# 100 Mesh, On Perfs., 60.9 Bpm At 7,044 Psi., 27,169 Gals.. Stage Into .25# 20/40 White, On Perfs., 59.7 Bpm At 6,929 Psi., 4,000 Gals. Stage Into .5# 20/40 White, On Perfs., 59.6 Bpm At 6,834 Psi., 10,028 Gals. Stage Into 1# 20/40 White, On Perfs., 59.6 Bpm At 6,850 Psi., 17,218 Gals. Saw Sharp Increase In Net. Cut Sand Early Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,083 Psi.. 1.09 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 11,800# Total 20/40 White Prop - 20,600# Total Clean - 103,360 Gals.. 60,885 Gals.. 3% KCL 55,877 Gals.. Produced Water BWTR - 2,493 Bbls. Max. Rate - 62.8 Bpm Avg. Rate - 59.2 Bpm Max. Psi. - 8,129 Psi. Avg. Psi. - 7,280 Psi.
12:30	0.25	12:45	CTUW	W/L Operation	Well Turned Over To WireLine. Arm Gun, Pick Up With Baker 20 And HES Obsidian CFP. Nipple Up To Well, Equalize.
12:45	1.50	14:15	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28 -2012. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 3,360 Psi., RIH At 175 Ft./Min., 480# Tension. Pumped 111 Bbls., 3200 Psi. On Well. Pull Up, Set CFP At 8,253'. Pull Up And Shoot Stage 5 Black Shale, 8,233 - 8,020', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured.
14:15	0.17	14:25	GOP	General Operations	Well Turned Over To HES. Pressure Test To 9000#, Equalize.
14:25	1.75	16:10	FRAC	Frac. Job	Stage 5 Black Shale. Fluid System, Hybor G 16. Open Well, 1,612 Psi. ICP. Let Ball Fall 15 Minutes. BrokeDown At 10.5 Bpm And 6,030 Psi.. Pump 5000 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls DisSolve. Get Stabilized Injection Of 61.1 Bpm And 7,056 Psi., Get ISIP, 3,460 Psi.. 0.99 Psi./Ft. F.G.. 21/90 Holes. Con't With SlickWater Pad, 38,723 Gals.. Stage Into .5# 100 Mesh, On Perfs., 60.7 Bpm At 7,321 Psi., 20,255 Gals.. Stage Into .25# 20/40 White, On Perfs., 56.0 Bpm At 7,267 Psi., 5,500 Gals. Stage Into .5# 20/40 White, On Perfs., 55.9 Bpm At 7,158 Psi., 11,311 Gals. Saw Sharp Increase In Net. Cut Sand Early Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,678 Psi.. 1.03 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 7,000# Total 20/40 White Prop - 5,700# Total Clean - 190,116 Gals.. 39,551 Gals.. 3% KCL 50,565 Gals.. Produced Water BWTR - 2,439 Bbls. Max. Rate - 61.3 Bpm Avg. Rate - 57.6 Bpm Max. Psi. - 8,211 Psi. Avg. Psi. - 7,389 Psi.
16:10	0.25	16:25	CTUW	W/L Operation	Well Turned Over To WireLine. Arm Gun, Pick Up With Baker 20 And HES Obsidian CFP. Nipple Up To Well, Equalize.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
16:25	1.50	17:55	PFRT	Perforating	Stage 6. RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28-2012. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 4,200 Psi. RIH At 171 Ft./Min. 498# Tension. Pumped 112 Bbls. 2900 Psi. On Well. Pull Up, Set CFP At 7,977'. Pull Up And Shoot Stage 6 Black Shale, 7766 - 7957', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. Drop ball. WSI And Secured.
17:55	1.75	19:40	FRAC	Frac. Job	Stage 6. Black Shale. Fluid System, Hybor G 16. Ran Antimony Isotope Tracer In Sand Stages. Open Well, 1,515 Psi. ICP. Let Ball Fall 15 Minutes. Pmp 4549 Gal to seat ball. BrokeDown At 11.1 Bpm And 5,047 Psi. Pump 5000 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Flush to top perf. No ball action. Let Balls DisSolve. ISIP 3520. FG 1.0, Let soak 15 min. Get Stabilized Injection Of 65.0 Bpm And 7336Psi. FG 1.04, 26/90 Holes. Con't With SlickWater Pad, 38,723 Gals. Stage Into .5# 100 Mesh, On Perfs., 67.0 Bpm At 7,664 psi. Had .35# 100 mesh at perf when pressure spiked, Shutting down pump and lost prmps at same time. Unable to get opened back up. Screened off and pressure up to 8615 psi. Shut down to flow back. Total 100 Mesh - 3,000# Total Clean - 37,720 Gals. 14,500 Gals. 3% KCL 54,009 Gals. Produced Water BWTR - 1,631 Bbls. Max. Rate - 67.1 Bpm Avg. Rate - 65.6 Bpm Max. Psi. - 8,615 Psi. Avg. Psi. - 7,671 Psi.
19:40	2.50	22:10	FBCK	Flowback Well	SIP 5100#. Open well to FBT. Flowed on 32/64 to 36/64 choke. FP at 900#. Recovered 171 BBLS in 2-1/2 hrs. Ave Rate back of 60 BPH. Shut well in w/ 900#. Turn over to HES.
22:10	0.25	22:25	FRAC	Frac. Job	Open well w/ 950 Psi. Start to flush Stg 6 after flowback. Begin to flush. 10.1 bpm at 6707 psi. Work rate up as Pressure allows. Get 30.8 bpm at 7400 psi. Start flushing. End at 40.9 at 7235 psi. Pumped total 285 bbls. Wsi and turn over to SLB.
22:25	1.50	23:55	PFRT	Perforating	Stage 7. RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28-2012. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 3,650 Psi. RIH At 146 Ft./Min. 498# Tension. Pumped 139.5 Bbls. 2000 Psi. On Well. Pull Up, Set CFP At 7,687'. Pull Up to shoot-- short out. No switches found.
23:55	1.50	01:25	WLWK	Wireline	Pooh w/ guns and setting tool. Found loose connection in top of gun string. X-out connection and install dummy plug. Pu into lubricator and equalize.
01:25	2.25	03:40	PFRT	Perforating	Re-run guns in hole. Perf Stg 7-- 7658'-7667', 7602'-7609', 7514'-7519', and 7456'-7461' (90 holes). Pooh and verify all guns shot. Drop ball and Turn over to HES.
03:40	2.32	06:00	FRAC	Frac. Job	Stage 7 Black Shale. Fluid System, Hybor G 16. Open Well, 1537 Psi. ICP. Let Ball Fall 15 Minutes. Pmp 4289 gal to seat ball. BrokeDown At 10.6 Bpm And 4860 Psi.. Pump 5000 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. No ball action. Shut down w/ acid across perfs and Let Balls DisSolve. Start FR pad. Get Stabilized Injection Of 60.5 Bpm And 7,015 Psi, Get ISIP, 4144 Psi. 1.1 Psi./Ft. F.G. 25/90 Holes. Con't With SlickWater Pad, 38,717 Gals. Stage Into .5# 100 Mesh, Pmp 2654# 100 mesh when lost gel on Hydro. Flush w/ SW and Shut down. On Perfs. 62 Bpm At 7,070 Psi. Shut down and fix gel line to hydro.Flush w/ SL to perfs. Start SW to get rate up and pressure stable at 61.7 bpm and 7050 psi. Start into .5# 100# mesh. Had screws blender dump 5 ppa spike. Then lost suction on Hydro. Have to flush w/ SW again to get rate and pressure stable at 57.1 bpm at 7015 psi. Cont 100# mesh at .5 ppa. 57.3 bpm at 7125 psi. Pmp 16,800 lbs 100# mesh. 58,905 gal. (Had to shut down 2 times) Stage Into .5# 20/40 White, On Perfs., 57.2 Bpm At 7037 Psi., 20,646 Gals. Pressure started to Increase. Cut Sand Early Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4354 Psi. 1.13 Psi./Ft. F.G. WSI And Secured. Turn over to SLB. Total 100 Mesh - 16,800# Total 20/40 White Prop - 8700# Total Clean - 146,906 Gals. 79,551 Gals.. 3% KCL 67,355 Gals.. Produced Water BWTR - 3497 Bbls. Max. Rate - 63.3 Bpm Avg. Rate - 62.0 Bpm Max. Psi. - 7692 Psi. Avg. Psi. - 6980 Psi.



13H-31-36 BTR 8/13/2012 06:00 - 8/14/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.92	06:55	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28 -2012. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 4,560 Psi., RIH At 109 Ft./Min., 700# Tension. Pumped 153 Bbls., 3200 Psi. On Well. Pull Up, Set CFP At 7,405'. Pull Up And Shoot Stage 8 Black Shale, 7,385 - 7,160', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured.	
06:55	0.17	07:05	GOP	General Operations	Well Turned Over To HES. Pressure Test To 9000#, Equalize.	
07:05	1.50	08:35	FRAC	Frac. Job	Stage 8 Black Shale. Fluid System, Hybor G 16. Pumped IsoTope Tracer In Sand Stages. Open Well, 1,612 Psi. ICP. Let Ball Fall 15 Minutes. BrokeDown At 10.5 Bpm And 6,030 Psi.. Pump 5000 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls DisSolve. Con't With SlickWater Pad, 38,749 Gals.. Pump 3,400#'s .5# 20/40 With Linear Gel, Then Stage To 100 Mesh, Start X-Link, Pressuring Out. WSI And Secured. Total 20/40 White Prop - 3,400# Total Clean - 56,161 Gals.. 17,412 Gals.. 3% KCL 38,749 Gals.. Produced Water BWTR - 1,657 Bbls. Max. Rate - 50.7 Bpm Avg. Rate - 47.9 Bpm Max. Psi. - 8,155 Psi. Avg. Psi. - 7,438 Psi.	
08:35	1.75	10:20	FBCK	Flowback Well	Open Well On 28/64" - 35/64" Choke. FCP - 1200# - 150#. Recovered 150 Bbls.	
10:20	0.17	10:30	GOP	General Operations	Flush Well With 150 Bbls.. 10 - 30 Bpm At 6500 - 6770 Psi..	
10:30	0.33	10:50	CTUW	W/L Operation	Well Turned Over To WireLine. Arm Gun, Pick Up With Baker 20 And HES Obsidian CFP. Nipple Up To Well, Equalize.	
10:50	1.50	12:20	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28 -2012. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 5,700 Psi., RIH At 175 Ft./Min., 480# Tension. Pumped 69 Bbls., 3500 Psi. On Well. Pull Up, Set CFP At 7,139'. Pull Up And Shoot Stage 9 Black Shale, 7,119 - 6,906', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured.	
12:20	0.17	12:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 9000#, Equalize.	
12:30	1.50	14:00	FRAC	Frac. Job	Stage 9 Black Shale. Fluid System, SlickWater. Open Well, 1,750 Psi. ICP. Let Ball Fall 15 Minutes. Pump 5000 Gals. 15% HCL, Spot Across Perfs, Let Sit 15 Min.. Get Stabilized Injection Of 60.5 Bpm And 7,250 Psi., Get ISIP, 3,756 Psi.. 1.04 Psi./Ft. F.G.. 24/90 Holes. Con't With SlickWater Pad, 38,689 Gals.. Stage Into .25# 100 Mesh (SlickWater), On Perfs., 60.1 Bpm At 7,472 Psi., 9,035 Gals.. Cut Sand, Sharp Net Increase Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. WSI And Secured. Total 100 Mesh - 1,950# Total Clean - 59,970 Gals.. 3% KCL - 21,386 Gals. Produced Water - 38,584 Gals.. BWTR - 1,618 Bbls. Max. Rate - 60.3 Bpm Avg. Rate - 57.0 Bpm Max. Psi. - 8,431 Psi. Avg. Psi. - 7,628 Psi.	
14:00	1.00	15:00	FBCK	Flowback Well	Open Well On 28/64" Choke. Unable To Pump Into. Recovered 45 Bbls., Well Died Out. Turn Over To HES.	
15:00	0.33	15:20	GOP	General Operations	Flush Well With 119 Bbls.. 10 Bpm At 7200 Psi..	
15:20	0.25	15:35	CTUW	W/L Operation	Well Turned Over To WireLine. Arm Gun, Pick Up With Baker 20 And HES Obsidian CFP. Nipple Up To Well, Equalize.	
15:35	1.50	17:05	PFRT	Perforating	RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28 -2012. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 5,700 Psi., RIH At 193 Ft./Min., 540# Tension. Pumped 49 Bbls., 3500 Psi. On Well. Pull Up, Set CFP At 6,863'. Pull Up And Shoot Stage 10 Black Shale, 6,843 - 6,610', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured. Turn over to HES.	



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
17:05	2.00	19:05	FRAC	Frac. Job	<p>Stage 10 Black Shale. Fluid System, Hybor G 16. Pumped IsoTope Tracer In Sand Stages. Open Well, 1605 Psi. ICP. Let Ball Fall 15 Minutes. Pmp 6820 gal. Did not see ball seat. Go to acid. Pump 5000 Gals. 15% HCL, Spot Across Perfs, Let Sit 15 Min. Seen some ball action. Get Stabilized Injection Of 57.2 Bpm And 7,422 Psi., Get ISIP, 4066 Psi.. 1.09 Psi./Ft. F.G. 20/90 Holes. Con't With FR Pad, 38,742 Gals. Stage Into .25# 100 Mesh, On Perfs., 57.0 Bpm At 7,155 Psi, Pres start coming up fast, Pmped 2063#. Cut sand and Stage flush, Pres start to fall again, 45.9 bpm at 6507 psi. Flush w/ 10,271 gal. Stage again w/ 100# mesh at .25 ppa. Pmp total 4400# 100# mesh and pres start to climb again. Stage to flush again. Pressure start to fall again 53.4 bpm at 6906. Stage to 20/40 Sand at .25 ppa for 3300# then pres start to climb again.</p> <p>Stage Into Flush, Flush 15 Bbls. Over Bottom Perf. WSI And Secured. Turn over to SLB. Total Prop 7700#. 100 Mesh 4400#, 20/40 3300# Total Clean - 105,722 Gals.. 3% KCL - 35,412 Gals. Produced Water - 70,310 Gals.. BWTR - 2,543 Bbls. Max. Rate - 57.6 Bpm Avg. Rate - 50.0 Bpm Max. Psi. - 8,374 Psi. Avg. Psi. - 7,028 Psi.</p>
19:05	1.25	20:20	PFRT	Perforating	<p>RIH With 3104 PJ Omega Perf. Gun String, Configured At 90 Degree Phasing. 6 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SLB CHL Dated 7-28 -2012. Pull Strip In Vertical Section, Begin Pumping Down Gun Into Lateral Section. 9.0 Bpm At 6100 Psi., RIH At 200 Ft./Min. 680# Tension. Pumped 26 Bbls., 3400 Psi. On Well. Pull Up, Set CFP At 6605'. Pull Up And Shoot Stage 11 Black Shale, 6,591 - 6,424', 90 Hls.. POOH, LD Guns, Verify All Shots Fired. WSI And Secured. Turn over to HES.</p>
20:20	2.50	22:50	FRAC	Frac. Job	<p>Stage 11 Black Shale. Fluid System, Hybor G 16. Open Well, 1659 Psi. ICP. Let Ball Fall 15 Minutes. Pmp 5938 gal. Did not see ball seat. Stage to acid. Pump 5000 Gals. 15% HCL, Spot Across Perfs, Let Sit 15 Min. No ball action. Get Stabilized Injection Of 62.0 Bpm And 6334 Psi, Get ISIP, 3075 Psi. .93 Psi./Ft. F.G. 22/90 Holes. Con't With FR Pad, 38,742 Gals. Stage Into .25 ppa 100# Mesh, On Perfs 57.2 Bpm At 6520 Psi, Stage into .50 ppa 100# mesh. On Perfs 57.1 Bpm at 6200 Psi. Stage into .25 ppa 20/40 white. On perfs 57.4 Bpm at 6136 Psi. Stage into .50 ppa 20/40 white. On perfs 57.5 Bpm at 6126 Psi. Stage into .75 ppa 20/40 white. On perfs 57.4 Bpm at 6200 Psi. Net Pres start to climb quickly. 57.0 Bpm at 7115 Psi. Cut sand. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf. WSI And Secured. Total Prop 69,460#. 14,500 lbs 100# Mesh and 54,960 lbs 20/40 White. Total Clean - 191,567 Gals. 3% KCL - 134,386 Gals. Produced Water - 52,181 Gals. BWTR - 4605 Bbls. ISDP 3075, .93 Psi/Ft F.G. Max. Rate - 57.7 Bpm Avg. Rate - 57.2 Bpm Max. Psi. - 7,135 Psi. Avg. Psi. - 6,483 Psi.</p>
22:50	1.66	00:30	GOP	General Operations	Flush lines. Rd HES and SLB. Move frac equip off location.
00:30	5.50	06:00	FBCK	Flowback Well	<p>Shut in pressure at 1950 psi. Turn well over to FBC. Open on 28/64 choke, Flowing 2 bpm to FBT. Flow back 477 bbls wtr on 26/64" choke with FCP coming down from 1450 to 400 in 5-1/2 hrs.</p>

13H-31-36 BTR 8/14/2012 06:00 - 8/15/2012 00:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	FBCK	Flowback Well	FLOWING WELL BACK AFTER FRAC.
12:00	0.50	12:30	SMTG	Safety Meeting	HELD SAFETY MEETING W/ ALL CONTRACTOR ON DAILY OPERATION.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
12:30	4.00	16:30	SRIG	Rig Up/Down	MIRU CUDD 2" COIL TBG UNIT. N/D GOAT HEAD. P/U 3-7/8 JUNK MILL & STI MUD MOTOR ASSEMBLY. FUNCTION TEST TOOL ON SURFACE & TEST LUBRICATOR TO 5000 PSI.	
16:30	8.00	00:30	DOPG	Drill Out Plugs	SICP- 800. RIH PUMPING 3/4 BPM ON 30/64 CHOKE. INCREASE RATE TO 2.5 BPM @ 5500'. CFP- 750. CTP- 3175. TAG #1 CFP @ 6605'. D/O PLUG. TAG #2 CFP @ 6863'. D/O PLUG. TAG #3 CFP 5' DEEP @ 7133'. D/O PLUG. TAG #4 CFP 398' DEEP @ 7655'. D/O PLUG. TAG #5 CFP 5' DEEP @ 7682'. D/O PLUG. TAG #6 CFP 1' DEEP @ 7978'. D/O PLUG. TAG TIGHT SPOT IN CSG @ 7985'. ATTEMPT TO WORK THROUGH FOR 1-1/2 HRS, MADE NO HOLE.	
00:30	2.50	03:00	PULT	Pull Tubing	POOH W/ TOOLS. MILL SHOWED LOTS OF WEAR ON OUTER EDGE.	
03:00	3.00	06:00	GOP	General Operations	WAIT ON NEW 3-7/8 MILL.	

13H-31-36 BTR 8/15/2012 00:00 - 8/16/2012 00:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
00:00	0.50	00:30	SMTG	Safety Meeting	HELD SAFETY MEETING W/ ALL CONTRACTOR ON DAILY OPERATION.	
00:30	1.00	01:30	GOP	General Operations	P/U NEW 3-7/8 JUNK MILL & STI MUD MOTOR ASSEMBLY. FUNCTION TEST TOOL ON SURFACE & TEST LUBRICATOR TO 5000 PSI.	
01:30	5.00	06:30	CTU	Clean Out	SICP- 700. RIH W/ BHA ON CUDD 2" COIL PUMPING 3/4 BPM ON 30/64 CHOKE. INCREASE RATE TO 2.5 BPM @ 5500'. CFP- 650. CTP- 3150. TAG TIGHT SPOT @ 7984'. C/O TO 7988'. MAKING NO HOLE.	
06:30	2.50	09:00	PULT	Pull Tubing	POOH W/ TOOLS. MILL LOOK GOOD.	
09:00	1.00	10:00	GOP	General Operations	P/U 3-3/4 JUNK MILL & STI MUD MOTOR ASSEMBLY. FUNCTION TEST TOOL ON SURFACE & TEST LUBRICATOR TO 5000 PSI.	
10:00	9.50	19:30	DOPG	Drill Out Plugs	SICP- 700. RIH W/ BHA ON CUDD 2" COIL PUMPING 3/4 BPM ON 30/64 CHOKE. INCREASE RATE TO 2.5 BPM @ 5500'. CFP- 590. CTP- 3150. TAG NOTHING @ 7988'. CONTINUE IN HOLE. TAG CFP @ 8253'. D/O PLUG. TAG CFP @ 8532'. D/O PLUG. TAG CFP @ 8809'. D/O PLUG. TAG TIGHT SPOT IN CSG @ 8933'. ATTEMPT TO WORK MILL THOUGH FOR 2 HR'S. MAKING NO HOLE.	
19:30	2.50	22:00	PULT	Pull Tubing	POOH W/ TOOLS. OUTER EDGE OF MILL SHOWS TO BE POSSIBLY MILLING ON CSG.	
22:00	2.00	00:00		WAIT ON ORDERS	WAIT ON ORDERS.	

13H-31-36 BTR 8/16/2012 00:00 - 8/17/2012 00:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
00:00	1.00	01:00	GOP	General Operations	P/U PROTECHNICS SPECTRA SCAN LOGGING TOOL..TEST CUDD LUBRICATOR TO 5000 PSI. SICP- 700.	
01:00	7.00	08:00	LOGG	Logging	RIH W/ BHA ON CUDD 2" COIL. RUN LOG F/ 8900' TO 5800'. POOH W/ TOOLS.	
08:00	3.00	11:00	SRIG	Rig Up/Down	R/D CUDD. TURN WELL OVER TO FLOW BACK.	
11:00	13.00	00:00	FBCK	Flowback Well	FLOWING CSG TO OPEN TOP TANK.	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626405
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-31-36 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504650000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		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"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/8/2012	<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 checked="" 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.
 This well had first oil sales on 9/8/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 10, 2012

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 9/10/2012	

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: 1420H626405	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 13H-31-36 BTR	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013504650000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		9. FIELD and POOL or WILDCAT: CEDAR RIM	
		COUNTY: DUCHESNE	
		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"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input 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.			
September 2012 monthly drilling activity report is attached.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 05, 2012			
NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst	
SIGNATURE N/A		DATE 10/2/2012	

**13H-31-36 BTR 9/21/2012 06:00 - 9/22/2012 06:00**

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVE. HSM.
07:00	5.50	12:30	GOP	General Operations	ROAD RIG TO LOCATION. FTP 100 PSI. SPOT AND RUSU. SPOT IN CATWALD AND RACKS. X-OVER EQUIP FOR 4-1/2". RU PMP AND TANK OPEN TO FLAT TANK AND LET BLOW DOWN. ND FRAC TREE. NU BOP. RU FLOOR AND WEATHERFORD CSG CREW. PU ON 4-1/2" CSG TO PULL SEAL ASSY FROM PBR. REV CIRC 100 BBLS TO PROD TANKS. PMP 80 BBLS DOWN 4-1/2". WELL DEAD.
12:30	4.00	16:30	PULT	Pull Tubing	POOH AS LD 129-JTS 4-1/2" 11.6# P-110 CSG. LD SEAL ASSY. RD CSG CREW. SDFN
16:30	13.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

13H-31-36 BTR 9/22/2012 06:00 - 9/23/2012 06:00

API/UWI 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 6,828.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM
07:00	5.00	12:00	RUTB	Run Tubing	SICP. FLOW WELL DOWN AS UNLOAD -JTS 2-7/8" L-80 TBG ONTO RACKS. MU PROD TBG BHA AND RIH AS FOLLOW-- 2-7/8" BP, 5-JTS 2-7/8" L-80 TBG, 4' TBG SUB, 1-JT 2-7/8" L-80 TBG, 2-7/8" PSN, 1 JT 2-7/8" TBG, 7" TAC, -JTS 2-7/8" L-80 TBG. PU 7" 5K HANGER WITH TBG SUB AND LAND. RD FLOOR. ND BOP. PU ON HANGER AND SET 7" TAC AT 5010' IN 15 K TENSION WITH PSN AT 5075' AND EOT AT 5258'.
12:00	1.00	13:00	GOP	General Operations	FLUSH TBG W/ 40 BBLS HOT WTR. X-OVER FOR RODS.
13:00	5.00	18:00	RURP	Run Rods & Pump	PU AND PRIME 25-150-28' RHAC PMP. PU AND RIH W/ SHEAR CPLG, AND 199-7/8" RODS W/G. SPACE OUT W/ 1-8', AND 2-2' X 1" PONY RODS. PU 30' X 1-1/2" POLISH ROD. SEAT PMP. STROKE TEST TO 800 PSI. PU HORSE HEAD AND HANG RODS ON. TURN OVER TO PRODUCTION. WILL RD MONDAY
18:00	12.00	06:00	GOP	General Operations	WELL TURNED OVER TO PRODUCTION

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

FORM 6

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) 312-8172

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350465	13H-31-36 BTR		SESE	31	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	18485	18485	4/16/2012			8/19/12	
Comments: <u>Lower Green River</u> <u>BHL: SWSW</u>							

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)

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

10/31/2012

Title

Date

RECEIVED
OCT 31 2012

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
1420H626405

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **BILL BARRETT CORPORATION** Contact: MEGAN FINNEGAN
E-Mail: mfinnegan@billbarrettcorp.com

8. Lease Name and Well No.
13H-31-36 BTR

3. Address **1099 18TH STREET SUITE 2300 DENVER, CO 80202** 3a. Phone No. (include area code)
Ph: 303-299-9949

9. API Well No. **43-013-50465**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **SESE 383FSL 880FEL**
At top prod interval reported below **SWSE 710FSL 1530FEL**
At total depth **SWSW 739FSL 704FWL**

10. Field and Pool, or Exploratory
CEDAR RIM

11. Sec., T., R., M., or Block and Survey or Area **Sec 31 T3S R6W Mer UBM**

12. County or Parish **DUCHESNE** 13. State **UT**

14. Date Spudded **04/16/2012** 15. Date T.D. Reached **07/19/2012** 16. Date Completed
 D & A Ready to Prod.
08/19/2012

17. Elevations (DF, KB, RT, GL)*
6459 GL

18. Total Depth: **MD 9550 TVD 6243** 19. Plug Back T.D.: **MD 9469 TVD 6244** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
(CBL, TEMP, MUD) 22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	65.0	0	80	80			0	
12.250	9.625 J-55	36.0	0	2020	2020	540	226	0	
8.750	7.000 P-110	26.0	0	6390	6390	750	253	0	
6.125	4.500 P-110	11.6	0	9556	9556	592	198	694	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5258							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) LOWER GREEN RIVER	6424	6591	6424 TO 9388	0.440	960	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6424 TO 9388	LOWER GREEN RIVER: SEE TREATMENT STAGES 1 - 11

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/19/2012	08/24/2012	24	→	38.0	17.0	53.0	52.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	80	200.0	→	38	17	53	447	POW	

RECEIVED

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						SEP 27 2012
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						DIV. OF OIL, GAS & MINING

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #152156 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD

30. 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER MAHOGANY DOUGLAS CREEK BLACK SHALE TD	2383 3079 5318 6357 9550

32. Additional remarks (include plugging procedure):
Conductor was cemented with grout. TOC was calculated by CBL. First gas sales was on 8/19/2012. First oil sales was on 9/8/2012. Treatment data is attached.

33. Circle enclosed attachments:

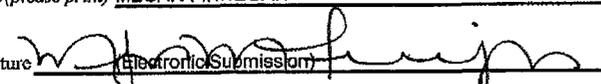
- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #152156 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal

Name (please print) MEGAN FINNEGAN

Title PERMIT ANALYST

Signature  (Electronic Submission)

Date 09/27/2012

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

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

13H-31-36 BTR Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
<u>Stage</u>	<u>Bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 White Sand</u>
1	2,635	19,700	9,200
2	2,747	10,600	
3	3,034	20,000	34,300
4	3,046	11,800	20,600
5	2,218	6,831	6,246
6	2,032	3,000	
7	3,645	16,394	9,533
8	1,647	3,726	
9	1,972	1,903	
10	2,645	3,513	4,397
11	4,641	14,150	60,159

*Depth intervals for frac information same as perforation record intervals.



Bill Barrett Corporation

CONFIDENTIAL

Bill Barrett Corp. (II)

Duchesne Co., UT (NAD27)

Sec.31-T3S-R6W

#13H-31-36 BTR

Wellbore #3-ST2

Design: Wellbore #3-ST2

Standard Survey Report

19 July, 2012

RECEIVED

SEP 27 2012

DIV. OF OIL, GAS & MINING



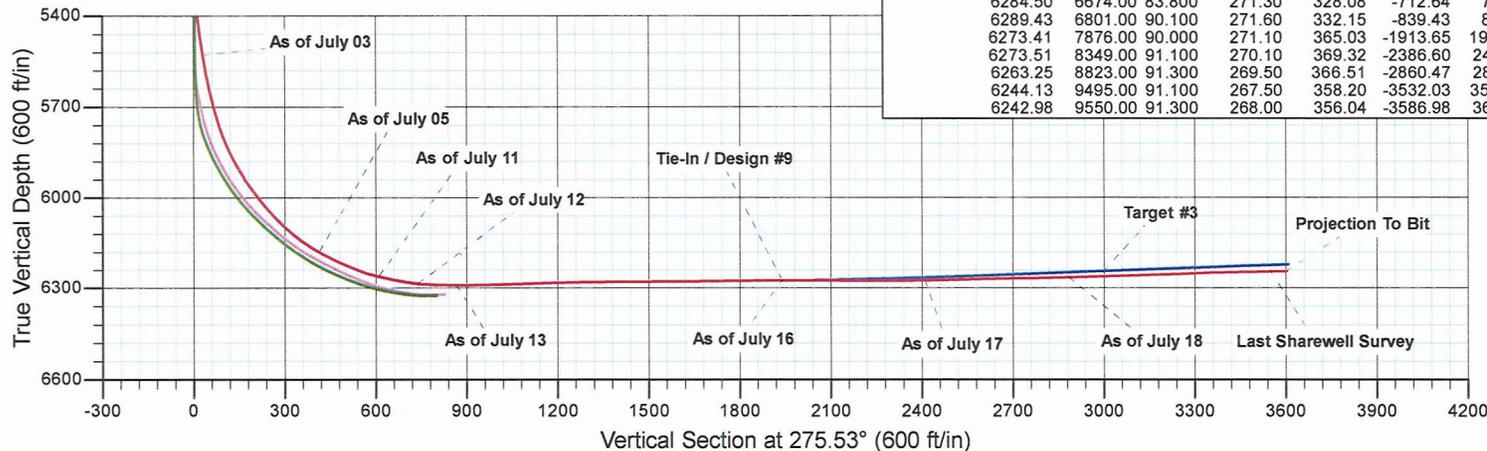
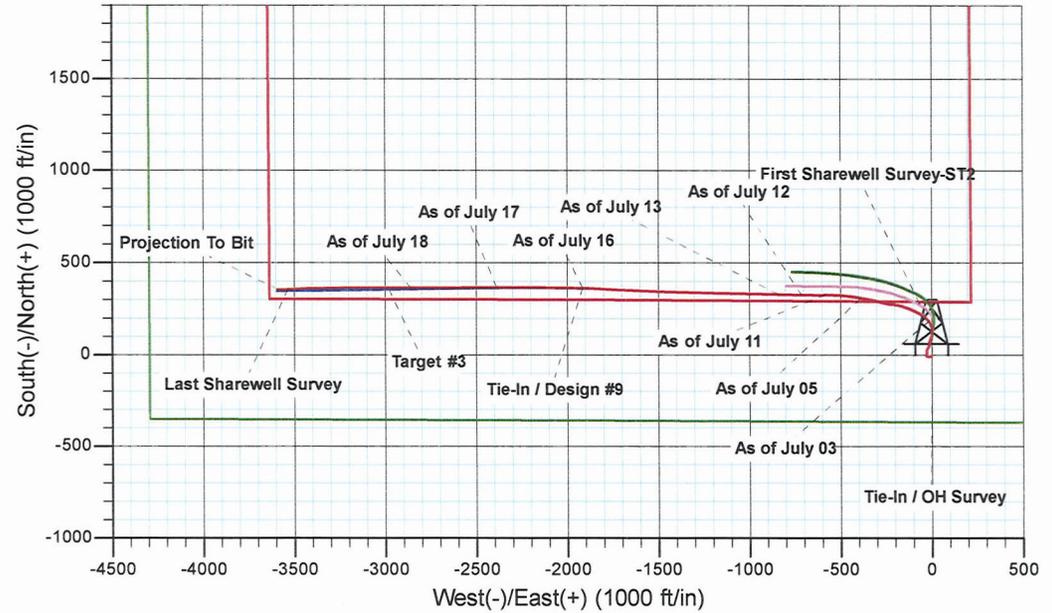
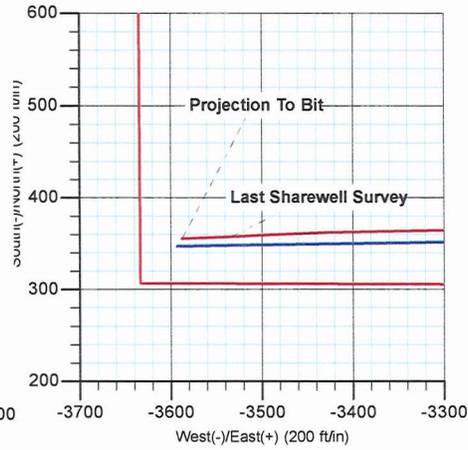
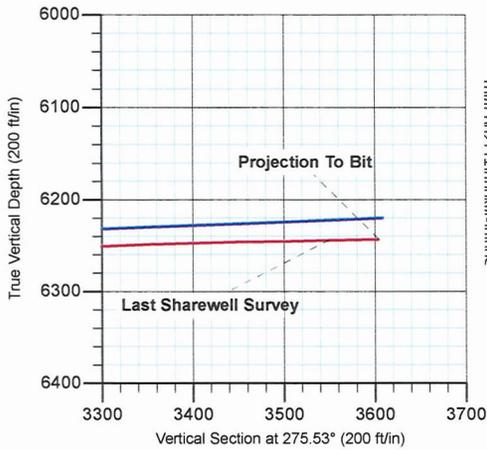


Bill Barrett Corp. (II)
 Project: Duchesne Co., UT (NAD27)
 Site: Sec.31-T3S-R6W
 Well: #13H-31-36 BTR
 Wellbore: Wellbore #3-ST2
 Design: Wellbore #3-ST2
 Lat: 40° 10' 12.63 N
 Long: 110° 35' 55.84 W
 Pad GL: 6459.01
 KB: WELL @ 6483.01ft

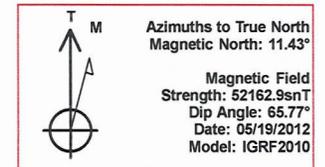


PROJECT DETAILS: Duchesne Co., UT (NAD27)
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: Utah Central 4302
 System Datum: Mean Sea Level

LEGEND
 #13H-31-36 BTR, Wellbore #1-OH, Wellbore #1-OH V0
 #13H-31-36 BTR, Wellbore #2-ST, Wellbore #2-ST V0
 #13H-31-36 BTR, Wellbore #3-ST2, Design #9-ST2 V0
 Wellbore #3-ST2



ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	V Sect	Departure	Annotation	
5122.65	5127.00	7.300	7.20	121.07	5.01	6.67	163.64	Tie-In / OH Survey	
5216.75	5222.00	8.500	5.90	134.04	6.49	6.45	176.70	First Sharewell Survey-ST2	
5527.53	5539.00	13.500	322.00	191.33	-12.86	31.22	239.01	As of July 03	
6178.69	6328.00	60.600	277.70	312.88	-386.88	415.22	638.98	As of July 05	
6260.64	6542.00	76.816	269.58	327.12	-582.90	611.69	835.97	As of July 11	
6284.50	6674.00	83.800	271.30	328.08	-712.64	740.92	965.70	As of July 12	
6289.43	6801.00	90.100	271.60	332.15	-839.43	867.52	1092.56	As of July 13	
6273.41	7876.00	90.000	271.10	365.03	-1913.65	1939.91	2167.37	As of July 16	
6273.51	8349.00	91.100	270.10	369.32	-2386.60	2411.07	2640.35	As of July 17	
6263.25	8823.00	91.300	269.50	366.51	-2860.47	2882.47	3114.23	As of July 18	
6244.13	9495.00	91.100	267.50	358.20	-3532.03	3550.11	3785.95	Last Sharewell Survey	
6242.98	9550.00	91.300	268.00	356.04	-3586.98	3604.59	3840.94	Projection To Bit	



Company: Bill Barrett Corp. (II)
Project: Duchesne Co., UT (NAD27)
Site: Sec.31-T3S-R6W
Well: #13H-31-36 BTR
Wellbore: Wellbore #3-ST2
Design: Wellbore #3-ST2

Local Co-ordinate Reference: Well #13H-31-36 BTR
TVD Reference: WELL @ 6483.01ft
MD Reference: WELL @ 6483.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

Project	Duchesne Co., UT (NAD27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	Sec.31-T3S-R6W				
Site Position:		Northing:	670,316.44 usft	Latitude:	40° 10' 12.79 N
From:	Lat/Long	Easting:	2,251,824.33 usft	Longitude:	110° 35' 55.83 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	0.58 °

Well	#13H-31-36 BTR					
Well Position	+N/-S	0.00 ft	Northing:	670,300.40 usft	Latitude:	40° 10' 12.63 N
	+E/-W	0.00 ft	Easting:	2,251,823.81 usft	Longitude:	110° 35' 55.84 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,459.01 ft

Wellbore	Wellbore #3-ST2				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	05/19/12	11.43	65.77	52,163

Design	Wellbore #3-ST2				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	275.53	

Survey Program	Date	07/19/12			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
151.00	5,127.01	Survey #1-OH (Wellbore #3-ST2)	MWD	MWD - Standard	
5,127.01	9,550.00	Survey #3-ST2 (Wellbore #3-ST2)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.00	0.300	187.60	151.00	-0.39	-0.05	0.01	0.20	0.20	0.00
208.00	0.300	229.00	208.00	-0.64	-0.18	0.12	0.37	0.00	72.63
302.00	0.200	168.80	302.00	-0.96	-0.34	0.24	0.28	-0.11	-64.04
399.00	0.200	245.90	399.00	-1.20	-0.46	0.34	0.26	0.00	79.48
487.00	0.400	199.40	487.00	-1.55	-0.70	0.55	0.34	0.23	-52.84
579.00	0.600	232.10	578.99	-2.15	-1.19	0.98	0.37	0.22	35.54
671.00	0.800	218.50	670.99	-2.95	-1.97	1.68	0.28	0.22	-14.78
763.00	0.700	245.10	762.98	-3.68	-2.88	2.51	0.39	-0.11	28.91
854.00	1.300	237.20	853.97	-4.48	-4.25	3.80	0.67	0.66	-8.68

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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
949.00	1.100	251.50	948.95	-5.35	-6.02	5.48	0.38	-0.21	15.05
1,044.00	0.900	238.00	1,043.93	-6.04	-7.52	6.90	0.32	-0.21	-14.21
1,139.00	1.000	265.00	1,138.92	-6.50	-8.98	8.31	0.48	0.11	28.42
1,234.00	1.400	272.00	1,233.90	-6.53	-10.96	10.28	0.45	0.42	7.37
1,328.00	1.200	269.70	1,327.87	-6.50	-13.09	12.41	0.22	-0.21	-2.45
1,423.00	1.400	282.90	1,422.85	-6.25	-15.22	14.55	0.38	0.21	13.89
1,518.00	1.800	284.20	1,517.81	-5.62	-17.80	17.17	0.42	0.42	1.37
1,613.00	1.300	292.90	1,612.78	-4.84	-20.24	19.68	0.58	-0.53	9.16
1,708.00	1.200	298.80	1,707.76	-3.94	-22.10	21.62	0.17	-0.11	6.21
1,806.00	1.600	302.30	1,805.73	-2.71	-24.16	23.78	0.42	0.41	3.57
1,902.00	1.200	337.10	1,901.70	-1.07	-25.68	25.46	0.96	-0.42	36.25
1,953.00	1.600	344.70	1,952.68	0.11	-26.08	25.97	0.86	0.78	14.90
2,034.00	1.000	346.20	2,033.66	1.89	-26.54	26.60	0.74	-0.74	1.85
2,097.00	0.200	350.20	2,096.66	2.53	-26.69	26.81	1.27	-1.27	6.35
2,192.00	0.900	191.70	2,191.66	1.96	-26.87	26.94	1.15	0.74	-166.84
2,287.00	0.200	96.10	2,286.65	1.21	-26.86	26.85	0.99	-0.74	-100.63
2,381.00	1.800	40.80	2,380.64	2.31	-25.73	25.84	1.80	1.70	-58.83
2,475.01	1.000	0.40	2,474.61	4.25	-24.76	25.06	1.30	-0.85	-42.98
2,570.00	0.500	331.40	2,569.60	5.44	-24.95	25.36	0.64	-0.53	-30.53
2,665.00	1.200	43.80	2,664.59	6.53	-24.46	24.98	1.21	0.74	76.21
2,760.00	0.200	70.10	2,759.58	7.30	-23.62	24.21	1.08	-1.05	27.68
2,855.00	1.100	343.00	2,854.57	8.23	-23.73	24.41	1.17	0.95	-91.68
2,950.00	2.300	9.00	2,949.53	10.98	-23.70	24.65	1.47	1.26	27.37
3,044.00	2.300	351.70	3,043.46	14.71	-23.68	24.98	0.74	0.00	-18.40
3,139.00	3.100	353.50	3,138.35	19.15	-24.24	25.97	0.85	0.84	1.89
3,233.00	2.500	355.60	3,232.24	23.72	-24.69	26.86	0.65	-0.64	2.23
3,328.00	2.600	11.80	3,327.14	27.90	-24.41	26.98	0.76	0.11	17.05
3,422.00	2.800	17.50	3,421.04	32.17	-23.28	26.27	0.36	0.21	6.06
3,517.00	2.600	18.20	3,515.93	36.43	-21.91	25.32	0.21	-0.21	0.74
3,611.00	3.200	30.60	3,609.81	40.72	-19.91	23.74	0.92	0.64	13.19
3,706.00	3.000	33.60	3,704.68	45.07	-17.18	21.44	0.27	-0.21	3.16
3,801.00	2.500	31.70	3,799.57	48.90	-14.72	19.36	0.53	-0.53	-2.00
3,896.00	2.100	26.90	3,894.49	52.22	-12.84	17.81	0.47	-0.42	-5.05
3,991.00	1.400	13.50	3,989.45	54.90	-11.78	17.01	0.85	-0.74	-14.11
4,086.00	1.200	14.90	4,084.42	56.99	-11.26	16.69	0.21	-0.21	1.47
4,181.00	1.600	355.50	4,179.39	59.27	-11.10	16.76	0.65	0.42	-20.42
4,275.00	2.800	358.20	4,273.32	62.88	-11.28	17.28	1.28	1.28	2.87
4,370.00	1.900	354.80	4,368.24	66.76	-11.49	17.87	0.96	-0.95	-3.58
4,465.00	1.900	8.90	4,463.19	69.89	-11.39	18.07	0.49	0.00	14.84
4,560.00	2.300	28.00	4,558.13	73.13	-10.26	17.25	0.84	0.42	20.11
4,654.00	3.000	22.90	4,652.03	77.06	-8.41	15.79	0.79	0.74	-5.43
4,749.00	4.500	22.30	4,746.82	82.80	-6.03	13.98	1.58	1.58	-0.63
4,844.00	5.200	20.00	4,841.48	90.29	-3.14	11.82	0.76	0.74	-2.42

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MD Reference: WELL @ 6483.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,939.00	6.100	18.50	4,936.02	99.12	-0.07	9.62	0.96	0.95	-1.58	
5,033.00	7.100	13.70	5,029.39	109.50	2.89	7.67	1.21	1.06	-5.11	
5,127.00	7.300	7.20	5,122.65	121.07	5.01	6.67	0.89	0.21	-6.91	
Tie-In / OH Survey										
5,222.00	8.500	5.90	5,216.75	134.04	6.49	6.45	1.28	1.26	-1.37	
First Sharewell Survey-ST2										
5,254.00	9.400	0.90	5,248.36	139.01	6.78	6.64	3.71	2.81	-15.63	
5,349.00	11.200	349.30	5,341.84	155.84	5.19	9.85	2.88	1.89	-12.21	
5,444.00	12.600	331.50	5,434.82	174.01	-1.47	18.22	4.12	1.47	-18.74	
5,476.00	12.300	328.20	5,466.07	179.98	-4.94	22.24	2.41	-0.94	-10.31	
5,507.00	12.500	325.30	5,496.35	185.54	-8.59	26.41	2.11	0.65	-9.35	
5,539.00	13.500	322.00	5,527.53	191.33	-12.86	31.22	3.89	3.13	-10.31	
As of July 03										
5,570.00	13.600	319.10	5,557.67	196.94	-17.47	36.35	2.22	0.32	-9.35	
5,602.00	13.500	316.60	5,588.78	202.50	-22.50	41.90	1.86	-0.31	-7.81	
5,634.00	13.500	311.50	5,619.89	207.69	-27.86	47.73	3.72	0.00	-15.94	
5,665.00	14.600	305.10	5,649.97	212.33	-33.77	54.06	6.14	3.55	-20.65	
5,697.00	16.300	302.40	5,680.81	217.06	-40.86	61.58	5.77	5.31	-8.44	
5,729.00	17.700	300.60	5,711.41	221.94	-48.84	69.99	4.67	4.38	-5.63	
5,760.00	18.900	299.30	5,740.84	226.80	-57.28	78.85	4.09	3.87	-4.19	
5,792.00	20.500	297.60	5,770.97	231.93	-66.76	88.79	5.31	5.00	-5.31	
5,823.00	22.100	296.40	5,799.85	237.04	-76.80	99.27	5.35	5.16	-3.87	
5,855.00	24.600	296.30	5,829.23	242.67	-88.16	111.12	7.81	7.81	-0.31	
5,887.00	27.500	295.10	5,857.97	248.75	-100.83	124.31	9.21	9.06	-3.75	
5,918.00	29.700	292.30	5,885.19	254.70	-114.42	138.41	8.31	7.10	-9.03	
5,950.00	31.200	288.40	5,912.78	260.33	-129.62	154.08	7.75	4.69	-12.19	
5,981.00	33.200	285.20	5,939.01	265.09	-145.43	170.28	8.48	6.45	-10.32	
6,013.00	35.700	282.50	5,965.40	269.41	-163.00	188.19	9.15	7.81	-8.44	
6,044.00	37.800	280.50	5,990.24	273.10	-181.18	206.63	7.80	6.77	-6.45	
6,076.00	39.600	278.70	6,015.21	276.43	-200.90	226.59	6.63	5.63	-5.63	
6,107.00	41.000	279.00	6,038.85	279.51	-220.71	246.61	4.56	4.52	0.97	
6,139.00	42.900	281.00	6,062.65	283.23	-241.78	267.93	7.26	5.94	6.25	
6,170.00	45.400	282.20	6,084.89	287.58	-262.92	289.40	8.50	8.06	3.87	
6,202.00	48.800	282.80	6,106.67	292.66	-285.81	312.66	10.71	10.63	1.88	
6,234.00	52.200	282.80	6,127.02	298.13	-309.88	337.15	10.63	10.63	0.00	
6,265.00	55.400	282.00	6,145.33	303.49	-334.31	361.98	10.53	10.32	-2.58	
6,296.00	58.000	280.50	6,162.35	308.54	-359.72	387.76	9.31	8.39	-4.84	
6,328.00	60.600	277.70	6,178.69	312.88	-386.88	415.22	11.07	8.13	-8.75	
As of July 05										
6,398.00	65.500	279.60	6,210.41	322.29	-448.55	477.50	7.41	7.00	2.71	
6,422.00	65.700	274.30	6,220.33	324.93	-470.23	499.34	20.13	0.83	-22.08	
6,453.00	66.000	272.70	6,233.01	326.66	-498.46	527.60	4.81	0.97	-5.16	
6,485.00	70.300	270.20	6,244.92	327.40	-528.15	557.22	15.27	13.44	-7.81	
6,517.00	74.800	269.50	6,254.51	327.32	-558.67	587.59	14.22	14.06	-2.19	

Company: Bill Barrett Corp. (II)
Project: Duchesne Co., UT (NAD27)
Site: Sec.31-T3S-R6W
Well: #13H-31-36 BTR
Wellbore: Wellbore #3-ST2
Design: Wellbore #3-ST2

Local Co-ordinate Reference: Well #13H-31-36 BTR
TVD Reference: WELL @ 6483.01ft
MD Reference: WELL @ 6483.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
6,542.00	76.816	269.58	6,260.64	327.12	-582.90	611.69	8.07	8.06	0.32	
As of July 11										
6,548.00	77.300	269.60	6,261.99	327.08	-588.75	617.51	8.07	8.06	0.32	
6,580.00	78.000	270.00	6,268.83	326.97	-620.01	648.61	2.51	2.19	1.25	
6,611.00	79.200	270.40	6,274.96	327.08	-650.39	678.87	4.07	3.87	1.29	
6,643.00	81.100	271.00	6,280.43	327.46	-681.92	710.28	6.22	5.94	1.88	
6,674.00	83.800	271.30	6,284.50	328.08	-712.64	740.92	8.76	8.71	0.97	
As of July 12										
6,706.00	87.200	272.00	6,287.01	329.00	-744.52	772.75	10.85	10.63	2.19	
6,738.00	88.100	272.10	6,288.33	330.14	-776.48	804.66	2.83	2.81	0.31	
6,770.00	88.900	271.80	6,289.16	331.23	-808.45	836.59	2.67	2.50	-0.94	
6,801.00	90.100	271.60	6,289.43	332.15	-839.43	867.52	3.92	3.87	-0.65	
As of July 13										
6,833.00	90.400	271.10	6,289.29	332.90	-871.42	899.43	1.82	0.94	-1.56	
6,927.00	91.200	270.40	6,287.98	334.13	-965.40	993.09	1.13	0.85	-0.74	
7,022.00	92.800	271.60	6,284.67	335.79	-1,060.33	1,087.73	2.10	1.68	1.26	
7,117.00	91.500	271.50	6,281.10	338.36	-1,155.22	1,182.44	1.37	-1.37	-0.11	
7,211.00	90.900	271.40	6,279.13	340.74	-1,249.17	1,276.18	0.65	-0.64	-0.11	
7,306.00	90.400	271.00	6,278.06	342.73	-1,344.14	1,370.90	0.67	-0.53	-0.42	
7,401.00	90.200	271.50	6,277.56	344.80	-1,439.12	1,465.64	0.57	-0.21	0.53	
7,495.00	90.400	272.50	6,277.07	348.08	-1,533.06	1,559.45	1.08	0.21	1.06	
7,590.00	90.400	272.70	6,276.40	352.39	-1,627.96	1,654.33	0.21	0.00	0.21	
7,686.00	90.700	272.80	6,275.48	356.99	-1,723.85	1,750.21	0.33	0.31	0.10	
7,781.00	90.900	272.90	6,274.16	361.72	-1,818.72	1,845.10	0.24	0.21	0.11	
7,876.00	90.000	271.10	6,273.41	365.03	-1,913.65	1,939.91	2.12	-0.95	-1.89	
As of July 16										
7,970.00	90.000	271.30	6,273.41	367.00	-2,007.63	2,033.64	0.21	0.00	0.21	
8,065.00	89.600	270.50	6,273.74	368.49	-2,102.62	2,128.33	0.94	-0.42	-0.84	
8,160.00	89.300	270.10	6,274.65	368.99	-2,197.61	2,222.93	0.53	-0.32	-0.42	
8,255.00	90.500	270.10	6,274.82	369.16	-2,292.61	2,317.50	1.26	1.26	0.00	
8,349.00	91.100	270.10	6,273.51	369.32	-2,386.60	2,411.07	0.64	0.64	0.00	
As of July 17										
8,444.00	91.600	269.90	6,271.27	369.32	-2,481.57	2,505.61	0.57	0.53	-0.21	
8,539.00	91.600	269.70	6,268.82	368.99	-2,576.54	2,600.10	0.21	0.00	-0.21	
8,634.00	90.700	269.70	6,266.71	368.49	-2,671.52	2,694.58	0.95	-0.95	0.00	
8,729.00	91.100	269.20	6,265.22	367.58	-2,766.50	2,789.04	0.67	0.42	-0.53	
8,823.00	91.300	269.50	6,263.25	366.51	-2,860.47	2,882.47	0.38	0.21	0.32	
As of July 18										
8,918.00	91.800	270.50	6,260.68	366.51	-2,955.44	2,976.99	1.18	0.53	1.05	
9,013.00	92.000	270.50	6,257.53	367.34	-3,050.38	3,071.58	0.21	0.21	0.00	
9,108.00	91.800	269.50	6,254.38	367.34	-3,145.33	3,166.08	1.07	-0.21	-1.05	
9,202.00	91.800	269.10	6,251.43	366.19	-3,239.27	3,259.48	0.43	0.00	-0.43	
9,297.00	92.000	269.20	6,248.28	364.79	-3,334.21	3,353.84	0.24	0.21	0.11	
9,392.00	91.000	268.50	6,245.79	362.88	-3,429.16	3,448.16	1.28	-1.05	-0.74	

Company: Bill Barrett Corp. (II)
Project: Duchesne Co., UT (NAD27)
Site: Sec.31-T3S-R6W
Well: #13H-31-36 BTR
Wellbore: Wellbore #3-ST2
Design: Wellbore #3-ST2

Local Co-ordinate Reference: Well #13H-31-36 BTR
TVD Reference: WELL @ 6483.01ft
MD Reference: WELL @ 6483.01ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: CompassVM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,453.00	90.800	266.70	6,244.83	360.33	-3,490.09	3,508.57	2.97	-0.33	-2.95
9,495.00	91.100	267.50	6,244.14	358.20	-3,532.03	3,550.11	2.03	0.71	1.90
Last Sharewell Survey									
9,550.00	91.300	268.00	6,242.98	356.04	-3,586.98	3,604.59	0.98	0.36	0.91
Projection To Bit									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
5,127.00	5,122.65	121.07	5.01	Tie-In / OH Survey
5,222.00	5,216.75	134.04	6.49	First Sharewell Survey-ST2
5,539.00	5,527.53	191.33	-12.86	As of July 03
6,328.00	6,178.69	312.88	-386.88	As of July 05
6,542.00	6,260.64	327.12	-582.90	As of July 11
6,674.00	6,284.50	328.08	-712.64	As of July 12
6,801.00	6,289.43	332.15	-839.43	As of July 13
7,876.00	6,273.41	365.03	-1,913.65	As of July 16
8,349.00	6,273.51	369.32	-2,386.60	As of July 17
8,823.00	6,263.25	366.51	-2,860.47	As of July 18
9,495.00	6,244.14	358.20	-3,532.03	Last Sharewell Survey
9,550.00	6,242.98	356.04	-3,586.98	Projection To Bit

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626405
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-31-36 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504650000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE 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: 7/25/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input 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.

Attached, please find procedures to plug and abandon the 13H-31-36 BTR wellbore. Please contact Brady Riley with questions. Upon plugging, BBC will reclaim the wellsite and access road to UDOGM and BLM specifications.

Accepted by the
Utah Dept. of
Oil, Gas and Mining

Date: _____

By: David K. Quist

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 7/22/2014	



13H-31-36 BTR
Section: 31 Township: 3S Range: 6W
Duchesne County, Utah
API # 43-013-50465

AFE #16101PA

OBJECTIVE

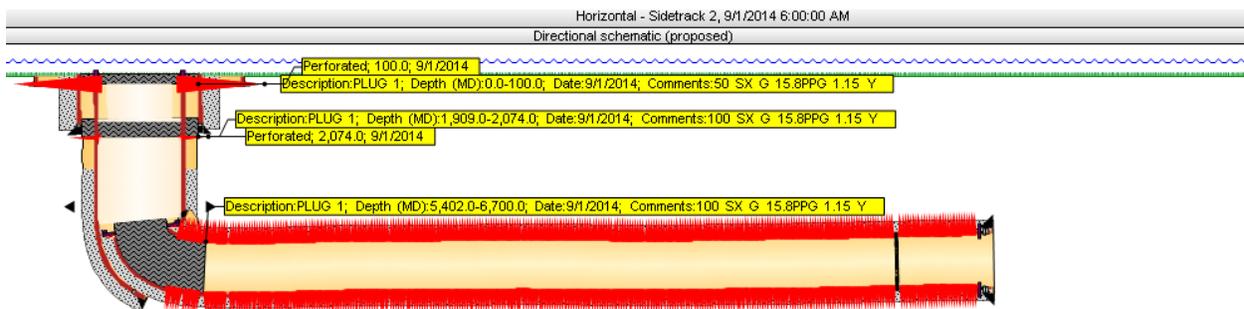
Plug and abandon the 13H-31-36 BTR wellbore, reclaim the wellsite and access road to UDOGM specifications

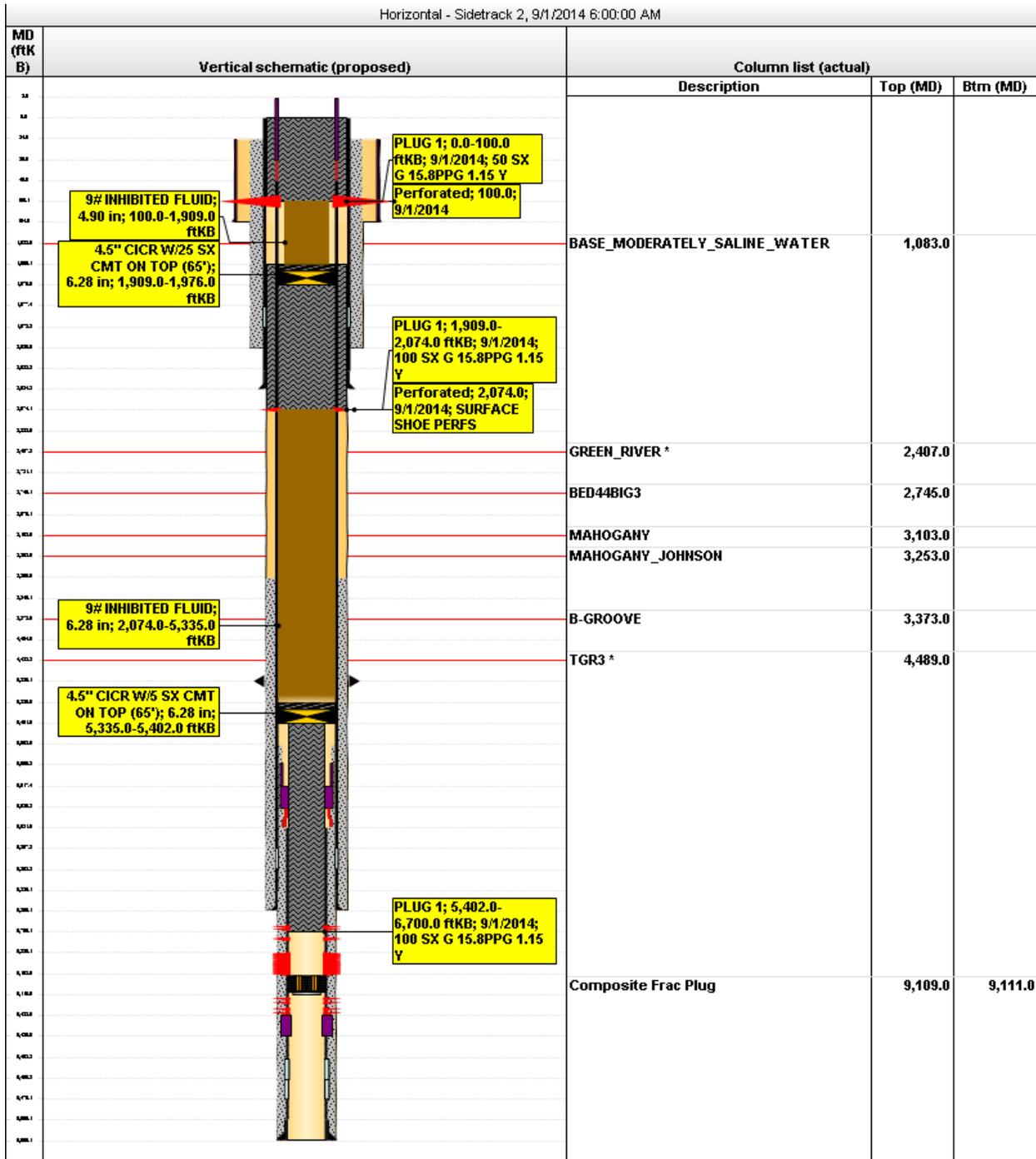
P&A Procedure

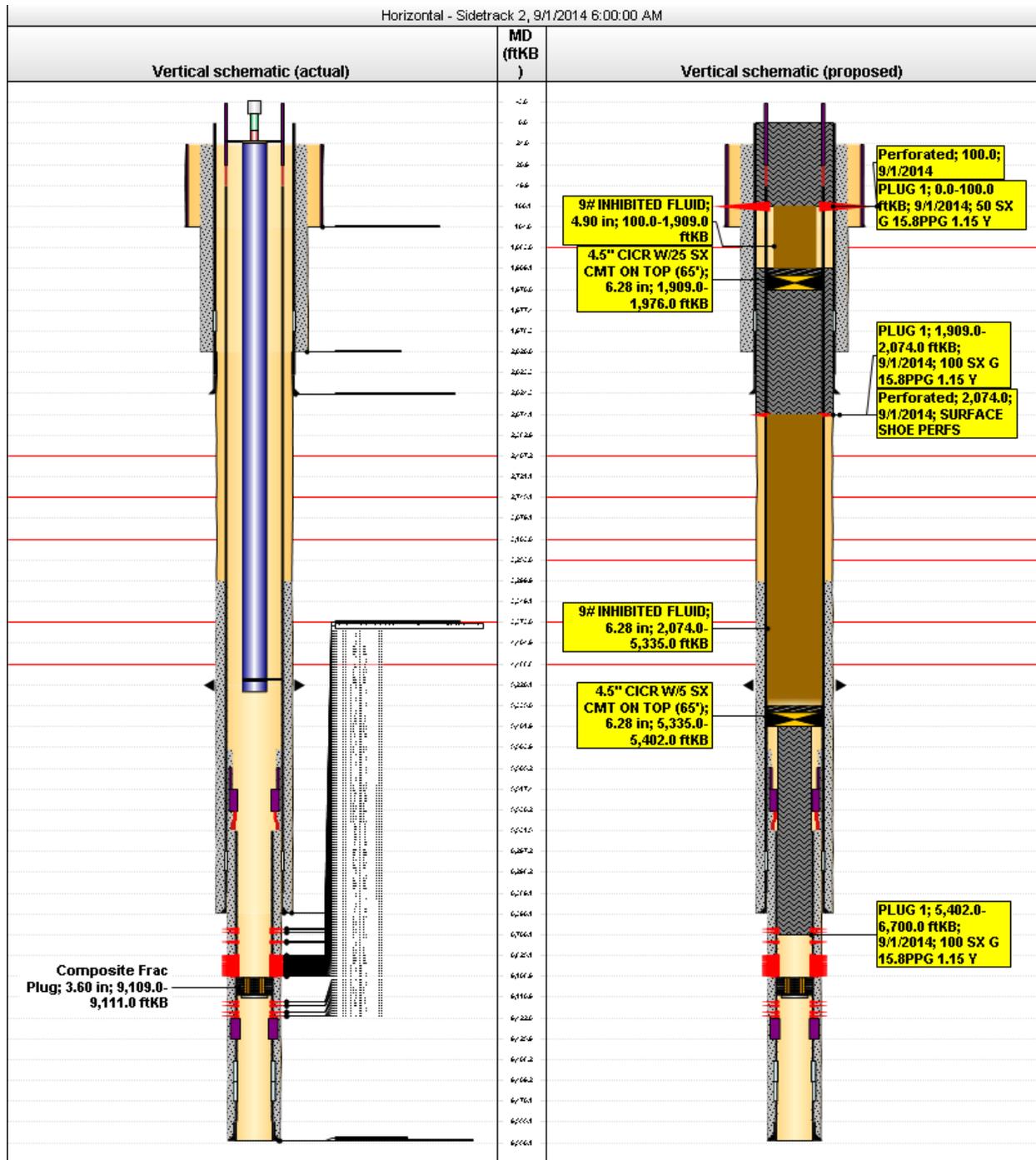
1. MIRU
2. POOH 2-7/8" tubing and rods. LD rods.
3. TIH with 4-1/2" CICR on 2-7/8" tubing and set at +/- 5,400' (within 100' 4-1/2" liner top not to exceed 100')
4. PU 2-7/8" 6.5# N-80 8rd tubing and stinger. RIH. Test CIRC and establish rate.
5. Mix & pump 100 sx Class "G" 15.8 ppg, 1.15 Y w/ 5 sx on top of CICR. (estimated 65' above CICR).
6. Load the hole with 9ppg inhibited fluid.
7. POOH w/ 2-7/8" tbg.
8. RU Wireline. RIH and perforate 4 squeeze holes at 2,074'. POOH.
9. RIH w/ 7" CICR and set at 1974'.
10. PU 2-7/8" 6.5# N-80 8rd tubing and stinger. RIH. Test CIRC and establish rate.
11. Mix & pump 100 sx Class "G" 15.8 ppg, 1.15 Y w/ 25 sx on top of CICR. (estimated 65' above CICR).
12. POOH with tubing.
13. RU wireline. RIH with perforating gun. Perforate 7" casing at 100' 4 shots. POOH and RD wireline.
14. RU Cement Company. Pump 50 sacks 15.8 ppg, 1.15 ft³/sk, Class G cement plug, in 7" up 9-5/8" casing annulus, circulate to surface, make sure cement returns come to surface.
15. Rig down workover rig and cementing company.
16. Cut all casing strings at base of the cellar (3' below ground level).
17. Install appropriate dry hole marker welded to the existing casing string cap plate.
 - a. The dry hole marker shall contain the following information:
 - i. BILL BARRETT CORP
 - ii. Well Name: 13H-31-36 BTR
 - iii. API #: 43-013-50465
 - iv. Surface hole location: Section 31, T3S-R6W
18. Be sure a weep hole exists in any plate welded to the top of the production and surface casing strings.
19. Remove all surface equipment, trash and junk from location. Transport to an appropriate, approved disposal facility.
20. Clean up and secure location. Contract construction contractor, as identified by BBC engineer, to begin reclamation of location.
21. Return pad grade to its original grade; match the surrounding grade as closely as possible.
22. Reclaim location as per specifications and recommendation.



API 43-013-50465	Field Name Black Tail Ridge	Division	Ground Elevation (ft) 6,459.00	Orig KB Elev (ft) 6,483.00	KB-Grd (ft) 24.00	Total Depth (ftKB) 9,556.0				
County Duchesne	State/Prov Utah	Surface Legal Location SESE, Sec. 31, T3S, T6W	E/W Dist (ft) 880.0	E/W Ref FEL	N/S Dist (ft) 383.0	N/S Ref FSL				
Type	Working Pressure (psi)		Size (in)							
Horizontal - Original Hole, 9/1/2014 6:00:00 AM			Casing Strings							
Vertical schematic (actual)			Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)		
			Conductor	16			Welded	104.0		
			Surface	9 5/8	36.00	J-55	ST&C	2,024.4		
			Intermediate	7	26.00	P-110	LT&C	6,390.0		
			Production Liner	4 1/2	11.60	P-110	LT&C	9,556.0		
			Plug Back Total Depths							
			Date	Depth (ftKB)	Type	Method				
			Fluid Level Tests							
			Date	Fluid Level (ftKB)	Q Uq (bbl/day)					
			Tubing - Production set at 5,258.0ftKB on 9/22/2012 00:00							
			Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)				
			Tubing - Production	9/22/2012	5,236.96	5,258.0				
			Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)
			Tubing Hanger	1	7	2.441			0.85	21.0
			Stretch Correction		2 7/8	2.441			1.55	21.9
			Tubing	157	2 7/8	2.441	6.50	L-80	4,984.75	23.4
			Anchor/catcher	1	2 7/8				2.38	5,008.2
			Tubing	1	2 7/8	2.441	6.40	L-80	31.79	5,010.6
			Pump Seating Nipple	1	2 7/8				1.10	5,042.4
			Tubing	1	2 7/8	2.441	6.50	L-80	31.79	5,043.5
			Tubing Pup Joint	1	2 7/8	2.441	6.50	L-80	4.15	5,075.3
			Desander	1	3 1/2	2.000			19.20	5,079.4
			Tubing	5	2 7/8	2.441	6.50	L-80	158.95	5,098.6
			Bull Plug	1	2 7/8	0.000	6.50		0.45	5,257.6
						3.6 in, Composite Frac Plug				
Description	Run Date	Top Depth (ftKB)				Botm (ftKB)				
			Composite Frac Plug	8/11/2012	9,109.0	9,111.0				







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: 1420H626405	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 13H-31-36 BTR	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013504650000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0383 FSL 0880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 31 Township: 03.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/15/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input 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.			
ATTACHED PLEASE FIND THE PROCEDURES AND CEMENT TICKETS FOR THE PLUGGING OF THIS WELLBORE THAT TOOK PLACE BETWEEN 10/9-15/2014.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 28, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 10/28/2014	

PROPETRO

P.O. Box 827 • Vernal, UT 84078
Phone: (435) 789-1735

No. 8974

JOB SUMMARY REPORT

Customer <i>Barrett</i>		Date <i>10-13-14/14</i>	Ticket Number		
Lease & Well Name <i>1-9-31-36</i>		Sec.	Twp.	Range	County <i>Duchesne</i>

Job Type <i>- Plug</i>	Drilling Contractor
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Surface CSG Size	Wt./Grade	Thread	Depth From	To
<i>9 5/8</i>				
Inter CSG Size	Wt./Grade	Thread	Depth From	To
Prod. CSG Size	Wt./Grade	Thread	Depth From	To
<i>7"</i>				
Liner CSG Size	Wt./Grade	Thread	Depth From	To
TBG or D.P. Size	Wt./Grade	Thread	Depth From	To
<i>2 7/8</i>			<i>0</i>	<i>5445</i>

SKS	Materials Furnished	Slurry Wt. P.P.G.	Slurry Yield FT ³	Water Gal./Sk.
<i>355</i>	<i>Neat "G" cmt</i>	<i>15.8</i>	<i>1.15</i>	<i>5</i>

Float Equipment

Equipment & Personnel
Pat^{tr} 121, Jared^{tr} 69, Paul A.^{tr} 60

Notes

1st mix & pump 115 sks sting out spot 3 bbls on retainer @ 5445'

2nd mix & pump 70 sks sting out spot 1 bbl on retainer @ 2307'

3rd mix & pump 40 sks on top of retainer @ 1974'

4th balance 60 sks @ 1180'

5th mix & pump 70 sks surface to c. 150'

**13H-31-36 BTR 10/9/2014 06:00 - 10/10/2014 06:00**

API 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status Abandoned Oil and Gas	Total Depth (ftKB) 9,556.0	Primary Job Type Abandon Well
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	DTIM	Downtime	WAITING ON RIG.
15:30	2.00	17:30	SRIG	Rig Up/Down	MOVE OVER. RUSU. (PUMPED 200 BBLS DOWN TBG EARLIER TODAY. WELL STILL FLOWING). X-O FOR TBG. SDFN
17:30	12.50	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL OPEN TO TREATER FOR NIGHT.

13H-31-36 BTR 10/10/2014 06:00 - 10/11/2014 06:00

API 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status Abandoned Oil and Gas	Total Depth (ftKB) 9,556.0	Primary Job Type Abandon Well
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	2.00	09:00	BOPI	Install BOP's	WELL DEAD. ND WH. NU BOP. RU FLOOR. RELEASE 7" 8RD TAC.
09:00	2.00	11:00	PULT	Pull Tubing	SLM AS POOH W/ TBG AND PROD BHA. LD BHA.
11:00	2.50	13:30	RUTB	Run Tubing	MU 7" CICR AND RIH.
13:30	1.00	14:30	PTST	Pressure Test	SET 7" CICR AT 5445'. STING OUT. FILL AND PRES TEST CSG TO 500 PSI. GOOD. STING INTO CICR. SDFWE
14:30	15.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR WEEKEND.

13H-31-36 BTR 10/13/2014 00:00 - 10/14/2014 06:00

API 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status Abandoned Oil and Gas	Total Depth (ftKB) 9,556.0	Primary Job Type Abandon Well
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Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	Crew travel and safety meeting.
01:00	0.45	01:27	CEMT	Cement Squeeze	Rig up cementers and get injection rate below retainer. 1.5 bpm, at 400 psi. Mix and pump 115 sacks class g cement. 100 sacks below retainer, Un sting from retainer and leave 15 sacks on top.
01:27	1.75	03:12	PULT	Pull Tubing	Pull out of the hole with tbg and lay down setting tool. stoped after 15 stands and pumped 15 bbls hot water down tbg to heat well.
03:12	1.50	04:42	PFRT	Perforating	Rig up single shot wireline and perforate 4 holes at 2507'. rig down wireline.
04:42	1.00	05:42	RUTB	Run Tubing	Make up 7" cement retainer on tbg and run in the hole. set retainer at 2303'.
05:42	1.00	06:42	CEMT	Cement Squeeze	Rig up Pro petro cementers and pump into perfs at 1 bpm, at 500 psi. Mix and pump 70 sacks of class g cement. pump 65 sacks below retainer and leave 5 sacks on top.
06:42	1.00	07:42	PULT	Pull Tubing	Pull tbg out of the hole laying down 2000' of tbg. lay down plug setting tool.
07:42	1.00	08:42	PFRT	Perforating	Rig up wireline and perforate 4 holes at 2074'. Run Csg punch and put 4 holes at 150'. Rig down wireline.
08:42	0.50	09:12	RUTB	Run Tubing	Make up 7" retainer on tbg and run in the hole. set retainer at 1987'.
09:12	1.00	10:12	CEMT	Cement Squeeze	Rig up cementers and attempt to break down perfs. Pressured up to 1050 psi, perfs would not break, no returns up surface csg. Bond log showing some cement behind csg. Unsting from retainer and spot 40 sacks cement above retainer.
10:12	1.00	11:12	PULT	Pull Tubing	Pull tbg and lay down plug setting tool. Lay down all but 19 stands of tbg.
11:12	0.50	11:42	RUTB	Run Tubing	Run 19 stands in the hole open-ended. EOT at 1180'.
11:42	11.50	23:12	CTRL	Crew Travel	Crew travel

13H-31-36 BTR 10/14/2014 06:00 - 10/15/2014 06:00

API 43-013-50465	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status Abandoned Oil and Gas	Total Depth (ftKB) 9,556.0	Primary Job Type Abandon Well
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	Crew travel, Safety meeting.
07:00	0.50	07:30	HOIL	Hot Oil Well	Flush tbg with 10 bbls of hot water.
07:30	0.75	08:15	CEMT	Cement Squeeze	Mix and pump 60 sacks of class G, 15.8# cement. Set balanced plug from 1180 to 880'.
08:15	0.75	09:00	PULT	Pull Tubing	Lay down remaining tbg.
09:00	2.00	11:00	CEMT	Cement Squeeze	Rig down floor and rig up cement crew. Mix and pump 70 bbls class G cement down 7" csg and up surface csg. Perfs at 150'. Good cement to surface. Rig down bop and wash up bop and lines.
11:00	1.00	12:00	SRIG	Rig Up/Down	Rig down rig and move off location.

Division of Oil, Gas and Mining
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 11/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202	Rig II, LLC 1582 West 2600 South Woods Cross, UT 84087
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

- Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2016
- Sundry or legal documentation was received from the **NEW** operator on: 10/21/2016
- New operator Division of Corporations Business Number: 8256968-0160

REVIEW:

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
- Receipt of Acceptance of Drilling Procedures for APD on: 10/21/2016
- Reports current for Production/Disposition & Sundries: 11/2/2016
- OPS/SI/TA well(s) reviewed for full cost bonding: 11/3/2016
- UIC5 on all disposal/injection/storage well(s) approved on: 11/3/2016
- Surface Facility(s) included in operator change: None
- Inspections of PA state/fee well sites complete on (only upon operators request): 11/3/2016

NEW OPERATOR BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000712
- Indian well(s) covered by Bond Number: LPM 922467
- State/fee well(s) covered by Bond Number(s): 9219529

DATA ENTRY:

- Well(s) update in the **OGIS** on: 11/7/2016
- Entity Number(s) updated in **OGIS** on: 11/7/2016
- Unit(s) operator number update in **OGIS** on: N/A
- Surface Facilities update in **OGIS** on: N/A
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/7/2016
- Surface Facilities update in **RBDMS** on: N/A

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
SWD 9-36 BTR	9	030S	060W	4301350646	18077	Indian	Fee	WD	A
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	A
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	A
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	OW	APD
7-17D-46 BTR	17	040S	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
1-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	040S	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
8H-9-46 BTR	9	040S	060W	4301351140		Indian	Indian	OW	APD
LC TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	OW	APD
14-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	OW	APD
16-19D-37 BTR	19	030S	070W	4301351179		Indian	Fee	OW	APD
6-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	OW	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	OW	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	OW	APD
LC TRIBAL 1H-33-46	33	040S	060W	4301351257		Indian	Fee	OW	APD
LC TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	OW	APD
LC TRIBAL 8H-30-45	30	040S	050W	4301351277		Indian	Indian	OW	APD
LC TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	OW	APD
LC TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	OW	APD
LC TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
LC TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
LC TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
LC TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	OW	APD
LC TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	OW	APD
LC TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
LC TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	OW	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
16-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	OW	APD
15-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
16-23D-37 BTR	23	030S	070W	4301351420		Indian	Fee	OW	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
LC TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

14-12D-45 BTR	12	040S	050W	4301351444		Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445		Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446		Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450		Indian	State	OW	APD
LC TRIBAL 16-34D-46	34	040S	060W	4301351451		Indian	State	OW	APD
16-12D-45 BTR	12	040S	050W	4301351452		Indian	Indian	OW	APD
8-12D-45 BTR	12	040S	050W	4301351453		Indian	Indian	OW	APD
LC TRIBAL 1-35D-46	35	040S	060W	4301351454		Indian	Fee	OW	APD
16-25D-37 BTR	25	030S	070W	4301351455		Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	28	040S	060W	4301351462		Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	030S	070W	4301351494		Indian	Fee	OW	APD
7-13D-45 BTR	13	040S	050W	4301351497		Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	040S	060W	4301351515		Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040S	060W	4301351543		Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598		Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030S	070W	4301351610		Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613		Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616		Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617		Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619		Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620		Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624		Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625		Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627		Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628		Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629		Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639		Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640		Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641		Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	080W	4301351643		Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644		Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	080W	4301351645		Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646		Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654		Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656		Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657		Indian	Fee	OW	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658		Indian	Fee	OW	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659		Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	040S	050W	4301351661		Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040S	060W	4301351663		Indian	Fee	OW	APD
3-29D-36 BTR	29	030S	060W	4301351665		Indian	Fee	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC Tribal 5-35D-45	35	040S	050W	4301351666	Indian	Fee	OW	APD
LC Tribal 5-24D-46	24	040S	060W	4301351668	Indian	Indian	OW	APD
LC TRIBAL 6-12D-58	12	050S	080W	4301351696	Indian	Indian	OW	APD
LC TRIBAL 8-12D-58	12	050S	080W	4301351697	Indian	Indian	OW	APD
LC TRIBAL 16H-22-47	21	040S	070W	4301351700	Indian	Indian	OW	APD
5-25D-37 BTR	25	030S	070W	4301351803	Indian	Fee	OW	APD
8-3D-36 BTR	3	030S	060W	4301351804	Indian	Fee	OW	APD
14-26D-37 BTR	26	030S	070W	4301351805	Indian	Fee	OW	APD
9-4-35 BTR	4	030S	050W	4301351806	Indian	Fee	OW	APD
11-4D-35 BTR	4	030S	050W	4301351807	Indian	Fee	OW	APD
16-27D-37 BTR	27	030S	070W	4301351808	Indian	Fee	OW	APD
14-27D-37 BTR	27	030S	070W	4301351809	Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812	Indian	Indian	OW	APD
LC Tribal 16-35D-48	35	040S	080W	4301351847	Indian	Indian	OW	APD
LC Tribal 13H-35-48	35	040S	080W	4301351848	Indian	Indian	OW	APD
LC Tribal 13-2D-58	11	050S	080W	4301351850	Indian	Indian	OW	APD
5-13D-36 BTR	13	030S	060W	4301351862	Indian	Fee	OW	APD
5-8D-36 BTR	8	030S	060W	4301351871	Indian	Fee	OW	APD
16-1D-36 BTR	1	030S	060W	4301351872	Indian	Fee	OW	APD
8-18D-46 BTR	18	040S	060W	4301351897	Indian	Fee	OW	APD
LC Tribal 5-36D-46	36	040S	060W	4301351905	Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907	Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974	Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975	Indian	Fee	OW	APD
LC Tribal 5-21D-45	21	040S	050W	4301352001	Indian	Indian	OW	APD
LC Tribal 8-22D-45	22	040S	050W	4301352002	Indian	Indian	OW	APD
LC Tribal 8-25D-45	25	040S	050W	4301352007	Indian	Indian	OW	APD
LC Tribal 16-25D-45	25	040S	050W	4301352008	Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009	Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	040S	050W	4301352010	Indian	Indian	OW	APD
LC Tribal 14-31D-37	31	030S	070W	4301352016	Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030	Indian	Indian	OW	APD
LC Tribal 9-20D-45	20	040S	050W	4301352031	Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	040S	070W	4301352055	Indian	Indian	OW	APD
LC Tribal 1-23D-47	23	040S	070W	4301352057	Indian	Indian	OW	APD
9-17D-46 BTR	17	040S	060W	4301352059	Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060	Indian	Indian	OW	APD
9-10D-47 BTR	10	040S	070W	4301352092	Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	040S	070W	4301352096	Indian	Fee	OW	APD
7-35D-37 BTR	35	030S	070W	4301352115	Indian	Fee	OW	APD
14-25D-37 BTR	25	030S	070W	4301352116	Indian	Fee	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
8-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
7-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
LC Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
LC Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
LC Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
LC Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
LC Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
15-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
13-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
BTR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
4-29D-35 BTR	30	030S	050W	4301353060	Indian	Fee	OW	APD
1-30D-35 BTR	30	030S	050W	4301353061	Fee	Fee	OW	APD
LC TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	OW	APD
LC Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
LC Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
LC Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
LC Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
LC Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
LC Tribal 7-35D-45	35	040S	050W	4301353072	Indian	State	OW	APD
LC Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
LC Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
LC Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
LC Tribal 10-36D-45	36	040S	050W	4301353078	Indian	State	OW	APD
LC Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
LC Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
LC Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
LC Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
LC Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
LC Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
LC Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
LC Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
LC Tribal 14-25D-45	25	040S	050W	4301353123	Indian	Indian	OW	APD
LC Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	OW	APD
LC Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
LC Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
LC Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
LC Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
LC Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
LC Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC Tribal 7-24D-46	24	040S	060W	4301353134		Indian	Indian	OW	APD
LC Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
LC Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
LC FEE 14-26D-47	26	040S	070W	4301353294		Fee	Indian	OW	APD
LC Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
LC Fee 1H-33-47	32	040S	070W	4301353309		Fee	Indian	OW	APD
LC FEE 14-2D-58	2	050S	080W	4301353312		Fee	Indian	OW	APD
LC FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
LC Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
16-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
LC Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
LC Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
LC Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
LC Fee 5-35D-47	35	040S	070W	4301353334		Fee	Indian	OW	APD
13-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
14-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
6-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
5-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
5-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
9-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
5-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
1-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
7-21-46 DLB	21	040S	060W	4301333567	16526	Indian	Indian	OW	P
LC TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	P
7-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	P
LC TRIBAL 12H-28-46	28	040S	060W	4301333631	18132	Indian	Indian	GW	P
LC TRIBAL 13H-21-46	21	040S	060W	4301333632	18107	Indian	Indian	GW	P
12-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	P
5-5-46 BTR	5	040S	060W	4301333639	16542	Indian	Fee	OW	P
5-23-36 BTR	23	030S	060W	4301333642	16675	Indian	Fee	GW	P
14-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	OW	P
14-30-36 BTR	30	030S	060W	4301333644	16701	Indian	Fee	GW	P
7-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	P
LC TRIBAL 5-21D-46	21	040S	060W	4301333658	18887	Indian	Indian	OW	P
5-20-46 DLB	20	040S	060W	4301333659	18750	Indian	Indian	GW	P
LC TRIBAL 13H-20-46	20	040S	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	040S	060W	4301333806	16890	Indian	Indian	GW	P
7-8-45 BTR	8	040S	050W	4301333820	16974	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	P
5-16-36 BTR	16	030S	060W	4301333970	17195	Indian	Fee	OW	P
5-29-36 BTR	29	030S	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	P
5-25-36 BTR	25	030S	060W	4301334021	17126	Fee	Fee	OW	P
5-4-45 BTR	4	040S	050W	4301334089	17507	Indian	Indian	OW	P
13-2-46 BTR	2	040S	060W	4301334090	18618	Indian	Indian	OW	P
2-3-45 BTR	3	040S	050W	4301334099	17932	Indian	Indian	OW	P
7-6-45 BTR	6	040S	050W	4301334100	17653	Indian	Indian	OW	P
1-9-45 BTR	9	040S	050W	4301334101	17910	Indian	Indian	OW	P
8-10-45 BTR	10	040S	050W	4301334102	17530	Indian	Indian	OW	P
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	P
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	P
15-18-45 BTR	18	040S	050W	4301334112	17832	Indian	Indian	OW	P
6-12-46 BTR	12	040S	060W	4301334114	17964	Indian	Indian	OW	P
5-13-46 BTR	13	040S	060W	4301334115	17833	Indian	Indian	OW	P
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	OW	P
1-23-36 BTR	23	030S	060W	4301334136	17722	Indian	Fee	OW	P
15-10-36 BTR	10	030S	060W	4301334277	17419	Indian	Fee	OW	P
14-5-46 BTR	5	040S	060W	4301350307	17624	Fee	Fee	OW	P
14X-22-46 DLB	22	040S	060W	4301350351	17604	Indian	Indian	OW	P
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	OW	P
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	P
5-34-46 DLB	34	040S	060W	4301350415	17801	Indian	State	GW	P
LC FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	P
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	P
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	P
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	P
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	OW	P
14-5D-45 BTR	5	040S	050W	4301350568	18108	Indian	Indian	OW	P
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	P
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	P
LC TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	P
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	P
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	P
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	P
7-26-37 BTR	26	030S	070W	4301350641	18131	Indian	Fee	OW	P
3-11D-36 BTR	11	030S	060W	4301350642	18299	Indian	Fee	OW	P
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	OW	P
14-3-45 BTR	3	040S	050W	4301350676	18363	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	P
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	P
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	P
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	P
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	OW	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	P
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	P
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	P
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	P
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	OW	P
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	OW	P
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	P
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	P
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	P
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	P
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	P
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	P
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	OW	P
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	P
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	OW	P
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	P
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	OW	P
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	OW	P
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	P
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	P
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	P
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	P
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	P
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	OW	P
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	P
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	P
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	P
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	P
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	P
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	040S	050W	4301351278	18627	Indian	Indian	OW	P
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	P
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC TRIBAL 15-24D-46	24	040S	060W	4301351283	18626	Indian	Indian	OW	P
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	OW	P
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	OW	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	OW	P
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	OW	P
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	OW	P
11-8D-46 BTR	8	040S	060W	4301351336	19314	Indian	Indian	OW	P
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	OW	P
7-5-35 BTR	5	030S	050W	4301351599	19078	Indian	Fee	OW	P
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	OW	P
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	P
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	P
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	OW	P
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	P
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	OW	P
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	P
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	OW	P
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	P
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	OW	P
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	OW	P
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	OW	P
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	OW	P
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	OW	P
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	OW	P
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	030S	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	030S	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030S	060W	4301334133	17834	Indian	Fee	OW	S
1-30-36 BTR	30	030S	060W	4301334134	17905	Indian	Fee	OW	S
16-30-36 BTR	30	030S	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	030S	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040S	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	OW	S
16-9-36 BTR	9	030S	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D-36	27	030S	060W	4301350917	18482	Indian	State	OW	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	OW	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD form changing the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

New Operator Contact information:

RIG II, LLC
1582 West 2600 South
Woods Cross, Utah 84087-0298
Telephone:(801) 683-4245
Fax:(801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

A handwritten signature in cursive script that reads "Brady Riley".

Brady Riley
Permit Analyst

RECEIVED
OCT 21 2016
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: RIG II, LLC <u>N14055</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1582 West 2600 South CITY Wood Cross STATE UT ZIP 84087		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (801) 683-4245		8. WELL NAME and NUMBER: (see attached well list)
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list) COUNTY:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit In Duplicate) Approximate date work will start: <u>11/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO RIG II, LLC BY BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

RIG II, LLC
1582 West 2600 South
Woods Cross, Utah 84087-0298
801-683-4245
(STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670)

BILL BARRETT CORPORATION N21165
Duana Zavala NAME (PLEASE PRINT)
Duana Zavala SIGNATURE
Senior Vice President -
EH&S, Government and Regulatory Affairs

RIG II, LLC
Jesse McSwain NAME (PLEASE PRINT)
Jesse McSwain SIGNATURE
Manager

NAME (PLEASE PRINT) Jesse McSwain TITLE Manager
SIGNATURE Jesse McSwain DATE 10/20/16

(This space for State use only)

APPROVED

NOV 07 2016

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

Request to Transfer Application or Permit to Drill

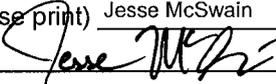
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	(See attached list)
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Bill Barrett Corporation
Date original permit was issued:	
Company that permit was issued to:	Bill Barrett Corporation

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

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	✓	
If so, has the surface agreement been updated?		✓
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. <small>9219529-UDOGM / UTB000712-BLM / LPM9224670-BIA</small>	✓	

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

Name (please print) Jesse McSwain Title Manager
Signature  Date 10/20/16
Representing (company name) RIG II, LLC

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

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

UIC FORM 5

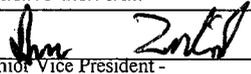
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number 6-32-36 BTR SWD	API Number 4301350921
Location of Well Footage : 1628 FNL 1553 FWL County : DUCHENSE QQ, Section, Township, Range: SENW 32 3S 6W State : UTAH	Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

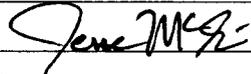
CURRENT OPERATOR

Company: BILL BARRETT CORPORATION
Address: 1099 18th Street Ste 2300
city DENVER state CO zip 80202
Phone: (303) 293-9100
Comments:

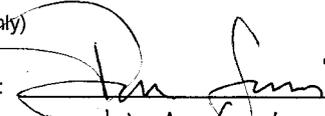
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

Company: RIG II, LLC
Address: 1582 West 2600 South
city Wood Cross state UT zip 84087
Phone: (801) 683-4245
Comments:

Name: Jesse McSwain
Signature: 
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

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

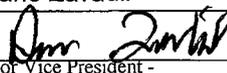
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

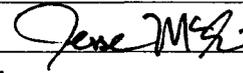
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: BILL BARRETT CORPORATION	Name: Duane Zavadil
Address: 1099 18th Street Ste 2300	Signature: 
city DENVER state CO zip 80202	Title: Senior Vice President - EH&S, Government and Regulatory Affairs
Phone: (303) 293-9100	Date: 10/20/16
Comments:	

NEW OPERATOR

Company: RIG II, LLC	Name: Jesse McSwain
Address: 1582 West 2600 South	Signature: 
city Wood Cross state UT zip 84087	Title: Manager
Phone: (801) 683-4245	Date: 10/20/16
Comments:	

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

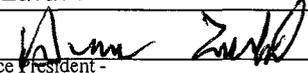
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

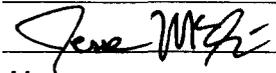
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE	Field or Unit Name CEDAR RIM
QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadil</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: 
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President - EH&S, Government and Regulatory Affairs</u>
Phone: <u>(303) 293-9100</u>	Date: <u>10/20/16</u>
Comments:	

NEW OPERATOR

Company: <u>RIG II, LLC</u>	Name: <u>Jesse McSwain</u>
Address: <u>1582 West 2600 South</u>	Signature: 
city <u>Wood Cross</u> state <u>UT</u> zip <u>84087</u>	Title: <u>Manager</u>
Phone: <u>(801) 683-4245</u>	Date: <u>10/20/16</u>
Comments:	

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

This well was approved by USEPA.
EPA approval will be required.