

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> 14-8D-36 BTR				
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> CEDAR RIM				
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>				
<b>6. NAME OF OPERATOR</b> BILL BARRETT CORP						<b>7. OPERATOR PHONE</b> 303 312-8164				
<b>8. ADDRESS OF OPERATOR</b> 1099 18th Street Ste 2300, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> dspencer@billbarrettcorp.com				
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 20G0005608			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Carolyn Baker						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 805-376-1452				
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 438 Via De La Luz ,						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> UTE			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>		
LOCATION AT SURFACE		264 FSL 2096 FWL		SESW	8	3.0 S	6.0 W	U		
Top of Uppermost Producing Zone		570 FSL 1866 FWL		SESW	8	3.0 S	6.0 W	U		
At Total Depth		660 FSL 1800 FWL		SESW	8	3.0 S	6.0 W	U		
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 660			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640				
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 4991			<b>26. PROPOSED DEPTH</b> MD: 11434 TVD: 11410				
<b>27. ELEVATION - GROUND LEVEL</b> 6520			<b>28. BOND NUMBER</b> LPM8874725			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Duchesne City Culinary Water Dock				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8	Unknown	0	0.0	0.0
Surf	12.25	9.625	0 - 3000	36.0	J-55 LT&C	8.8	Halliburton Light , Type Unknown	450	3.16	11.0
							Halliburton Premium , Type Unknown	210	1.36	14.8
Prod	8.75	5.5	0 - 11434	17.0	P-110 LT&C	9.7	Unknown	870	2.31	11.0
							Unknown	980	1.42	13.5
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<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					
<b>NAME</b> Elaine Winick			<b>TITLE</b> Sr. Permit Analyst			<b>PHONE</b> 303 293-9100				
<b>SIGNATURE</b>			<b>DATE</b> 03/01/2011			<b>EMAIL</b> ewinick@billbarrettcorp.com				
<b>API NUMBER ASSIGNED</b> 43013506120000			<b>APPROVAL</b>  Permit Manager							

**BILL BARRETT CORPORATION**  
**DRILLING PLAN**  
 2/28/2011

**14-8D-36 BTR Well Pad**

SESW, 264' FSL & 2096' FWL, Section 8-T3S-R6W, USB&M (surface hole)

SESW, 660' FSL & 1800' FWL, Section 8-T3S-R6W USB&M (bottom hole)

Duchesne County, Utah

**1 - 2. 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>
Lower Green River	4647'*	4640'*
Douglas Creek	7773'	7750'
Black Shale	8299'	8275'
Castle Peak	8549'	8525'
Wasatch	9259'*	9235'*
TD	11434'	11410'

\*PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas.

**3. BOP and Pressure Containment Data**

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 3000'	No pressure control required
3000' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
<ul style="list-style-type: none"> <li>- Drilling spool to accommodate choke and kill lines;</li> <li>- 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;</li> <li>- 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.</li> <li>- 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.</li> </ul>	

**4. Casing Program**

**A) Planned Program**

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	surface	3,000'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	surface	TD	5 1/2"	17#	P-110	LT&C	New

For any liner ran BBC intends to have a minimum of 200' of liner overlap.

Bill Barrett Corporation  
 Drilling Program  
 # 14-8D-36 BTR  
 Duchesne County, Utah

**5. Cementing Program**

16" Conductor Casing	Grout
9 5/8" Surface Casing	Approximately 450 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft <sup>3</sup> /sx) circulated to surface with 75% excess. Approximately 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft <sup>3</sup> /sx), calculated hole volume with 75% excess.
5 1/2" Production Casing	Approximately 870 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft <sup>3</sup> /sx). Approximately 980 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 2,500'.

**6. Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,000' – TD	8.6 – 9.6	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. 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.

**8. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5696 psi\* and maximum anticipated surface pressure equals approximately 3186 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)

Bill Barrett Corporation  
Drilling Program  
# 14-8D-36 BTR  
Duchesne County, Utah

9. **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
- Mud monitoring will be visually observed

10. **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.

11. **Drilling Schedule**

Location Construction:    Approximately September 1, 2011  
Spud:                            Approximately September 15, 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 with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

**B. Pressure Rating:** 5,000 psi

**C. Testing Procedure:**

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

**D. Choke Manifold Equipment:**

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

**E. Accumulator:**

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

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

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

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

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

**F. Miscellaneous Information:**

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The 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

2/28/2011

**Well Name:** 14-8D-36 BTR

**Surface Hole Data:**

Total Depth:	3,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

**Calculated Data:**

Lead Volume:	1370.2	ft <sup>3</sup>
Lead Fill:	2,500'	
Tail Volume:	274.0	ft <sup>3</sup>
Tail Fill:	500'	

**Cement Data:**

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

**Calculated # of Sacks:**

# SK's Lead: 450

Tail Yield:	1.36	ft <sup>3</sup> /sk
% Excess:	75%	
Top of Tail:	2,500'	

# SK's Tail: 210

**Production Hole Data:**

Total Depth:	11,434'
Top of Cement:	2,500'
Top of Tail:	7,800'
OD of Hole:	8.750"
OD of Casing:	5.500"

**Calculated Data:**

Lead Volume:	2008.1	ft <sup>3</sup>
Lead Fill:	5,300'	
Tail Volume:	1377.0	ft <sup>3</sup>
Tail Fill:	3,634'	

**Cement Data:**

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

**Calculated # of Sacks:**

# SK's Lead: 870

# SK's Tail: 980

<b>14-8D-36 BTR Proposed Cementing Program</b>
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<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (2500' - 0')</b>	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft <sup>3</sup> /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: 2,500'
	Volume: 244.02 bbl
	<b>Proposed Sacks: 450 sks</b>
<b>Tail Cement - (TD - 2500')</b>	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft <sup>3</sup> /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 2,500'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	<b>Proposed Sacks: 210 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7800' - 2500')</b>	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft <sup>3</sup> /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 2,500'
	Calculated Fill: 5,300'
	Volume: 357.63 bbl
	<b>Proposed Sacks: 870 sks</b>
<b>Tail Cement - (11434' - 7800')</b>	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft <sup>3</sup> /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,800'
	Calculated Fill: 3,634'
	Volume: 245.24 bbl
	<b>Proposed Sacks: 980 sks</b>

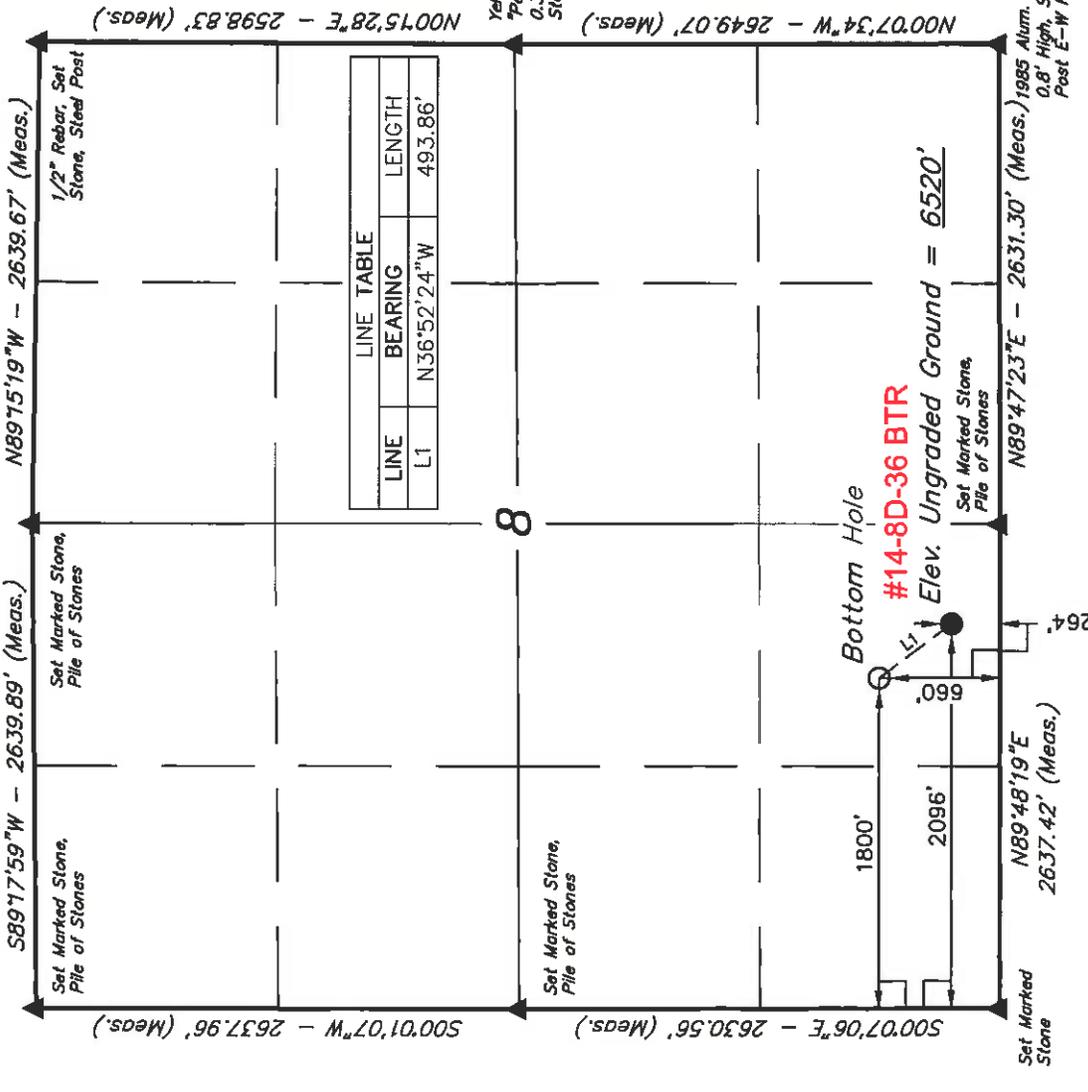
# T3S, R6W, U.S.B.&M.

# BILL BARRETT CORPORATION

Well location, #14-8D-36 BTR, located as shown in the SE 1/4 SW 1/4 of Section 8, T3S, R6W, U.S.B.&M., Duchesne County, Utah.

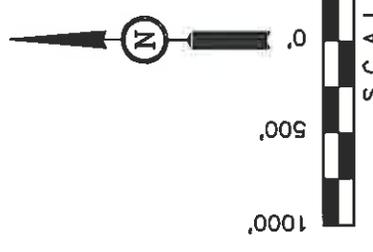
**BASIS OF ELEVATION**  
 SPOT ELEVATION AT A ROAD INTERSECTION LOCATED IN THE NW 1/4 OF SECTION 36, T3S, R6W, U.S.B.&M., TAKEN FROM THE RABBIT GULCH, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5904 FEET.

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



LINE	BEARING	LENGTH
L1	N36°52'24"W	493.86'

Yellow Plastic Cap  
 Peetrass #155666  
 0.3' High, Set  
 Stone, Bearing Tree



REVISED: 08-12-10

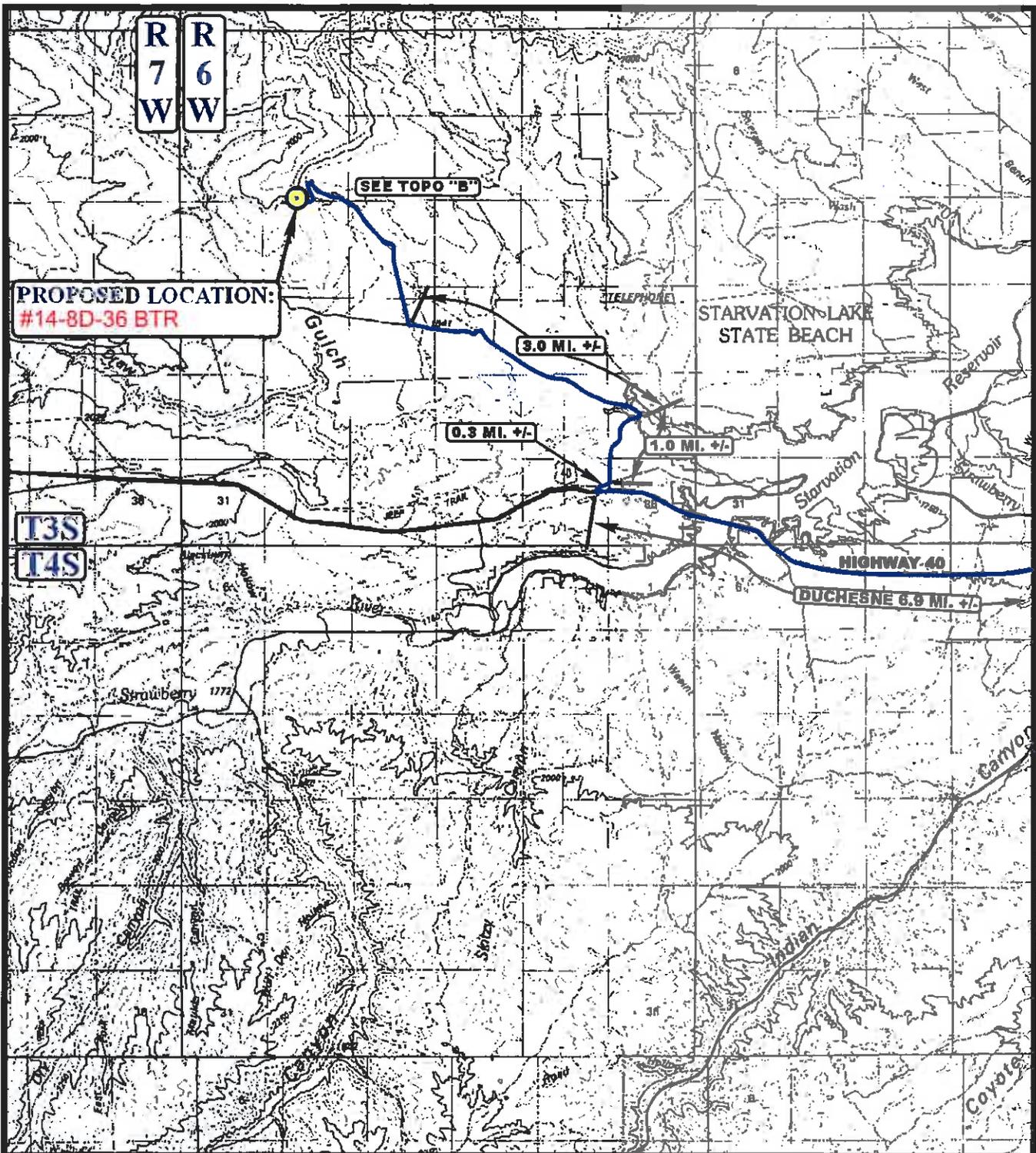
**UNTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 769-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	07-06-10	07-21-10
PARTY	REFERENCES	
A.F. N.F. C.H.	G.L.O. PLAT	
WEATHER	FILE	
WARM	BILL BARRETT CORPORATION	

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LAITUDE = 40°13'43.39" (40.228719)	LAITUDE = 40°13'39.49" (40.227638)
LONGITUDE = 110°35'24.86" (110.590239)	LONGITUDE = 110°35'21.03" (110.589175)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LAITUDE = 40°13'43.55" (40.228764)	LAITUDE = 40°13'39.65" (40.227681)
LONGITUDE = 110°35'22.29" (110.589525)	LONGITUDE = 110°35'18.46" (110.588481)



**LEGEND:**

PROPOSED LOCATION

**BILL BARRETT CORPORATION**

#14-8D-36 BTR  
SECTION 8, T3S, R6W, U.S.B.&M.  
264' FSL 2096' FWL

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

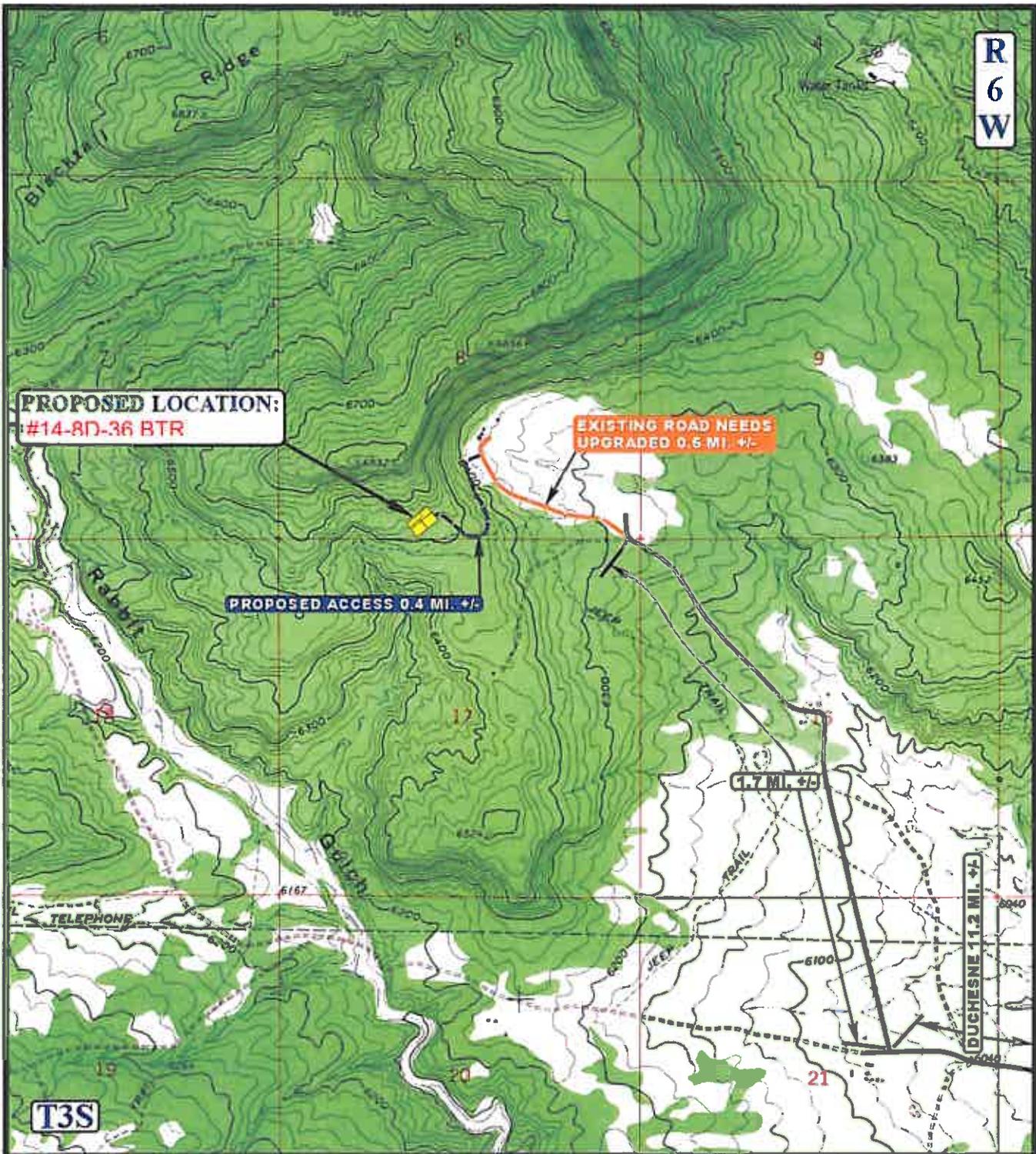


**TOPOGRAPHIC MAP**  
SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 00-00-00

<b>08</b> MONTH	<b>03</b> DAY	<b>10</b> YEAR
--------------------	------------------	-------------------

**A**  
**TOPO**

R  
6  
W



**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING ROAD NEEDS UPGRADED

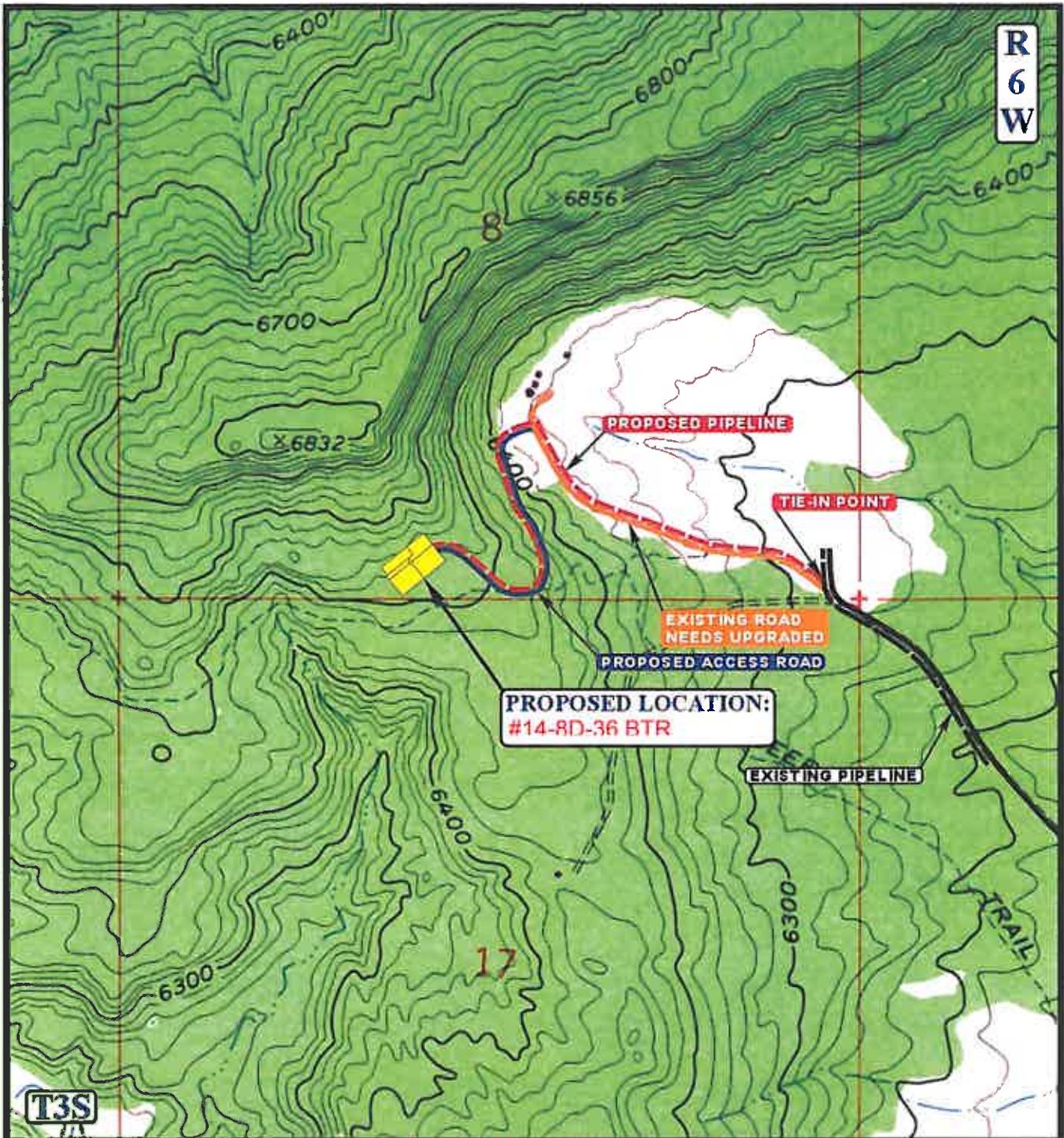


**BILL BARRETT CORPORATION**

#14-8D-36 BTR  
 SECTION 8, T3S, R6W, U.S.B.&M.  
 264' FSL 2096' FWL

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

**TOPOGRAPHIC MAP** 08 03 10  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00 **B**  
 TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 4,726' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED ACCESS
- PROPOSED PIPELINE
- EXISTING ROAD NEEDS UPGRADED



BILL BARRETT CORPORATION

#14-8D-36 BTR

SECTION 8, T3S, R6W, U.S.B.&M.

264' FSL 2096' FWL



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

TOPOGRAPHIC  
MAP

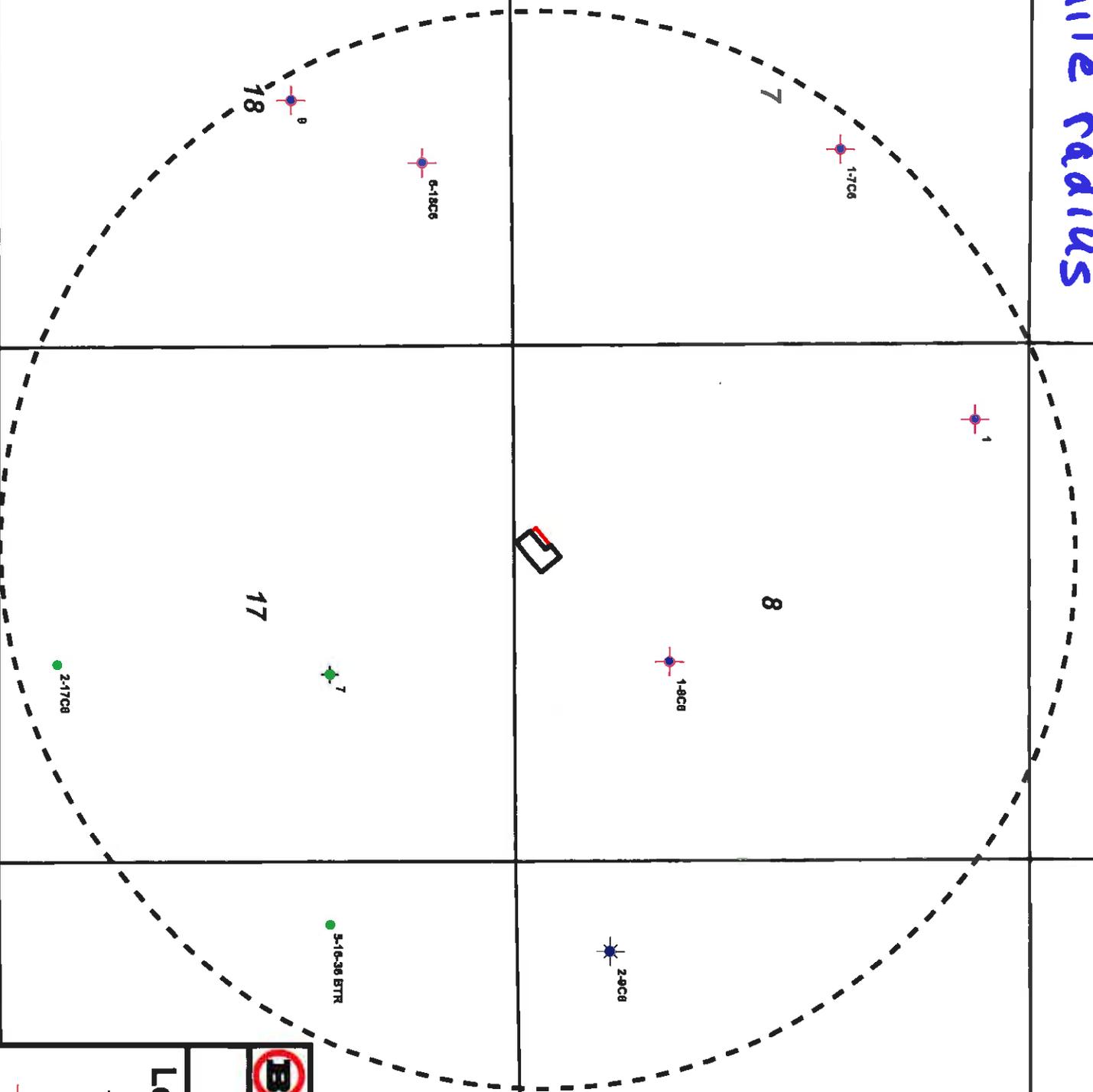
08	03	10
MONTH	DAY	YEAR



SCALE: 1" = 1000' DRAWN BY: Z.L. REVISED: 00-00-00

3S/6W

1 mile radius



**B** Bill Barrett Corporation  
 14-8D-36 BTR Pad  
 SESW, Section 8, T3S, R6W  
 Duchesne County, Utah

**Legend**

-  Dry - 1 Total
-  Oil - 3 Total
-  P&A - 5 Total
-  Shut In - 1 Total

# BILL BARRETT CORPORATION

#14-8D-36 BTR

## SECTION 8, T3S, R6W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 3.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 13.8 MILES.

# BILL BARRETT CORPORATION

#14-8D-36 BTR

LOCATED IN DUCHESNE COUNTY, UTAH  
SECTION 8, T3S, R6W, U.S.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



UELS

Uintah Engineering & Land Surveying

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

Since 1964

TOPOGRAPHIC  
MAP

08 03 10  
MONTH DAY YEAR

PHOTO

TAKEN BY: A.F.

DRAWN BY: Z.L.

REVISED: 00-00-00

**Bill Barrett Corp**  
Duchesne County, UT (NAD 1927)  
Sec. 8-T3S-R6W  
#14-8D-36 BTR

**Plan #1**

**Plan: Plan #1 Proposal**

# **Sperry Drilling Services**

## **Proposal Report**

**13 September, 2010**

Well Coordinates: 691,276.01 N, 2,254,511.84 E (40° 13' 39.65" N, 110° 35' 16.46" W)  
Ground Level: 6,520.00 ft

Local Coordinate Origin:	Centered on Well #14-8D-36 BTR
Viewing Datum:	KB @ 6535.00ft (Patterson 508)
TVDA to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom

Geodetic Scale Factor Applied  
Version: 2003.16 Build: 431

**HALLIBURTON**



Plan Report for #14-8D-36 BTR - Plan #1 Proposal

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Buld Rate (°/100ft)	Turn Rate (°/100R)	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
2,400.00	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
<b>KOP - Begin 1.5°/100' Buld at 3000.00ft - 9 5/8" Csg</b>										
3,100.00	1.50	323.02	3,099.99	1.05	-0.79	1.31	1.50	1.50	0.00	323.02
3,200.00	3.00	323.02	3,199.91	4.18	-3.15	5.23	1.50	1.50	0.00	0.00
3,300.00	4.50	323.02	3,299.69	9.41	-7.08	11.77	1.50	1.50	0.00	0.00
3,384.47	5.77	323.02	3,383.82	15.44	-11.63	19.33	1.50	1.50	0.00	0.00
<b>End of Buld at 3384.47ft</b>										
3,400.00	5.77	323.02	3,399.27	16.69	-12.57	20.89	0.00	0.00	0.00	0.00
3,500.00	5.77	323.02	3,498.77	24.72	-18.61	30.94	0.00	0.00	0.00	0.00
3,600.00	5.77	323.02	3,598.26	32.74	-24.66	40.99	0.00	0.00	0.00	0.00
3,700.00	5.77	323.02	3,697.75	40.77	-30.70	51.04	0.00	0.00	0.00	0.00
3,800.00	5.77	323.02	3,797.25	48.80	-36.75	61.09	0.00	0.00	0.00	0.00
3,900.00	5.77	323.02	3,896.74	56.83	-42.79	71.14	0.00	0.00	0.00	0.00
4,000.00	5.77	323.02	3,996.24	64.85	-48.84	81.18	0.00	0.00	0.00	0.00
4,100.00	5.77	323.02	4,095.73	72.88	-54.88	91.23	0.00	0.00	0.00	0.00
4,200.00	5.77	323.02	4,195.22	80.91	-60.93	101.28	0.00	0.00	0.00	0.00
4,300.00	5.77	323.02	4,294.72	88.93	-66.97	111.33	0.00	0.00	0.00	0.00
4,400.00	5.77	323.02	4,394.21	96.96	-73.02	121.38	0.00	0.00	0.00	0.00
4,500.00	5.77	323.02	4,493.71	104.99	-79.06	131.43	0.00	0.00	0.00	0.00
4,600.00	5.77	323.02	4,593.20	113.01	-85.11	141.47	0.00	0.00	0.00	0.00
4,647.04	5.77	323.02	4,640.00	116.79	-87.95	146.20	0.00	0.00	0.00	0.00
<b>Green River</b>										
4,700.00	5.77	323.02	4,692.69	121.04	-91.15	151.52	0.00	0.00	0.00	0.00
4,800.00	5.77	323.02	4,792.19	129.07	-97.20	161.57	0.00	0.00	0.00	0.00
4,900.00	5.77	323.02	4,891.68	137.09	-103.24	171.62	0.00	0.00	0.00	0.00
5,000.00	5.77	323.02	4,991.17	145.12	-109.28	181.67	0.00	0.00	0.00	0.00
5,100.00	5.77	323.02	5,090.67	153.15	-115.33	191.72	0.00	0.00	0.00	0.00
5,200.00	5.77	323.02	5,190.16	161.18	-121.37	201.77	0.00	0.00	0.00	0.00



Plan Report for #14-8D-36 BTR - Plan #1 Proposal

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Buidl Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
5,300.00	5.77	323.02	5,289.66	169.20	-127.42	211.81	0.00	0.00	0.00	0.00
5,400.00	5.77	323.02	5,389.15	177.23	-133.46	221.86	0.00	0.00	0.00	0.00
5,500.00	5.77	323.02	5,488.64	185.26	-139.51	231.91	0.00	0.00	0.00	0.00
5,600.00	5.77	323.02	5,588.14	193.28	-145.55	241.96	0.00	0.00	0.00	0.00
<b>Hold Angle at 5.77°</b>										
5,700.00	5.77	323.02	5,687.63	201.31	-151.60	252.01	0.00	0.00	0.00	0.00
5,800.00	5.77	323.02	5,787.13	209.34	-157.64	262.06	0.00	0.00	0.00	0.00
5,900.00	5.77	323.02	5,886.62	217.36	-163.69	272.10	0.00	0.00	0.00	0.00
6,000.00	5.77	323.02	5,986.11	225.39	-169.73	282.15	0.00	0.00	0.00	0.00
6,100.00	5.77	323.02	6,085.61	233.42	-175.78	292.20	0.00	0.00	0.00	0.00
6,200.00	5.77	323.02	6,185.10	241.45	-181.82	302.25	0.00	0.00	0.00	0.00
6,300.00	5.77	323.02	6,284.59	249.47	-187.87	312.30	0.00	0.00	0.00	0.00
6,400.00	5.77	323.02	6,384.09	257.50	-193.91	322.35	0.00	0.00	0.00	0.00
6,500.00	5.77	323.02	6,483.58	265.53	-199.96	332.40	0.00	0.00	0.00	0.00
6,600.00	5.77	323.02	6,583.08	273.55	-206.00	342.44	0.00	0.00	0.00	0.00
6,700.00	5.77	323.02	6,682.57	281.58	-212.05	352.49	0.00	0.00	0.00	0.00
6,800.00	5.77	323.02	6,782.06	289.61	-218.09	362.54	0.00	0.00	0.00	0.00
6,900.00	5.77	323.02	6,881.56	297.63	-224.13	372.59	0.00	0.00	0.00	0.00
6,978.84	5.77	323.02	6,960.00	303.96	-228.90	380.51	0.00	0.00	0.00	0.00
<b>TGR3</b>										
7,000.00	5.77	323.02	6,981.05	305.66	-230.18	382.64	0.00	0.00	0.00	0.00
7,100.00	5.77	323.02	7,080.55	313.69	-236.22	392.69	0.00	0.00	0.00	0.00
7,200.00	5.77	323.02	7,180.04	321.72	-242.27	402.73	0.00	0.00	0.00	0.00
7,300.00	5.77	323.02	7,279.53	329.74	-248.31	412.78	0.00	0.00	0.00	0.00
7,400.00	5.77	323.02	7,379.03	337.77	-254.36	422.83	0.00	0.00	0.00	0.00
7,500.00	5.77	323.02	7,478.52	345.80	-260.40	432.88	0.00	0.00	0.00	0.00
7,600.00	5.77	323.02	7,578.01	353.82	-266.45	442.93	0.00	0.00	0.00	0.00
7,700.00	5.77	323.02	7,677.51	361.85	-272.49	452.98	0.00	0.00	0.00	0.00
7,772.86	5.77	323.02	7,750.00	367.70	-276.90	460.30	0.00	0.00	0.00	0.00
<b>Douglas Creek</b>										
7,800.00	5.77	323.02	7,777.00	369.88	-278.54	463.03	0.00	0.00	0.00	0.00
7,900.00	5.77	323.02	7,876.50	377.90	-284.58	473.07	0.00	0.00	0.00	0.00
7,914.76	5.77	323.02	7,891.18	379.09	-285.47	474.56	0.00	0.00	0.00	0.00
<b>Begin 1.5°/100ft Drop to Vertical at 7914.76ft</b>										
8,000.00	4.49	323.02	7,976.08	385.17	-290.06	482.18	1.50	-1.50	0.00	180.00
8,100.00	2.99	323.02	8,075.86	390.38	-293.98	488.69	1.50	-1.50	0.00	180.00
8,139.18	2.40	323.02	8,115.00	391.85	-295.09	490.54	1.50	-1.50	0.00	180.00
<b>3Point Marker</b>										
8,200.00	1.49	323.02	8,175.78	393.50	-296.33	492.60	1.50	-1.50	0.00	-180.00
8,299.23	0.00	0.00	8,275.00	394.53	-297.10	493.89	1.50	-1.50	0.00	180.00
<b>End of Drop at 8299.23ft - Black Shale</b>										
8,300.00	0.00	0.00	8,275.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,375.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,475.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
8,549.23	0.00	0.00	8,525.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>Castle Peak</b>										
8,600.00	0.00	0.00	8,575.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,675.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,775.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,875.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
8,934.23	0.00	0.00	8,910.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>Uteland Butte</b>										
9,000.00	0.00	0.00	8,975.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,075.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,149.23	0.00	0.00	9,125.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR1</b>										
9,200.00	0.00	0.00	9,175.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,259.23	0.00	0.00	9,235.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>Wasatch</b>										

**HALLIBURTON****Plan Report for #14-8D-36 BTR - Plan #1 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 (°)
9,300.00	0.00	0.00	9,275.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,375.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,475.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,599.23	0.00	0.00	9,575.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR2</b>										
9,600.00	0.00	0.00	9,575.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,675.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,775.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,875.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
9,904.23	0.00	0.00	9,880.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR3</b>										
10,000.00	0.00	0.00	9,975.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,075.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,175.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,229.23	0.00	0.00	10,205.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR4</b>										
10,300.00	0.00	0.00	10,275.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,400.00	0.00	0.00	10,375.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,500.00	0.00	0.00	10,475.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,569.23	0.00	0.00	10,545.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR4A</b>										
10,600.00	0.00	0.00	10,575.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,694.23	0.00	0.00	10,670.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR5</b>										
10,700.00	0.00	0.00	10,675.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,800.00	0.00	0.00	10,775.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
10,864.23	0.00	0.00	10,840.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR6</b>										
10,900.00	0.00	0.00	10,875.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
11,000.00	0.00	0.00	10,975.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
11,100.00	0.00	0.00	11,075.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
11,134.23	0.00	0.00	11,110.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>CR7</b>										
11,200.00	0.00	0.00	11,175.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
11,300.00	0.00	0.00	11,275.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
11,400.00	0.00	0.00	11,375.77	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
11,434.23	0.00	0.00	11,410.00	394.53	-297.10	493.89	0.00	0.00	0.00	0.00
<b>Total Depth at 11434.23ft</b>										

**Plan Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,000.00	3,000.00	0.00	0.00	KOP - Begin 1.5°/100' Build at 3000.00ft
3,384.47	3,383.82	15.44	-11.63	End of Build at 3384.47ft
5,600.00	5,588.14	193.28	-145.55	Hold Angle at 5.77°
7,914.76	7,891.18	379.09	-285.47	Begin 1.5°/100ft Drop to Vertical at 7914.76ft
8,299.23	8,275.00	394.53	-297.10	End of Drop at 8299.23ft
11,434.23	11,410.00	394.53	-297.10	Total Depth at 11434.23ft

**HALLIBURTON****Plan Report for #14-8D-36 BTR - Plan #1 Proposal**Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (ft)	Origin +E/-W (ft)	Start TVD (ft)
Target	14-8-36 BTR_Plan1_BHL Tgt	323.02	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
0.00	11,434.23	Plan #1 Proposal	MWD

Casing Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
3,000.00	3,000.00	9 5/8" Csg	9-5/8	12-1/4

Formation Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,647.04	4,640.00	Green River		0.00	
6,978.84	6,960.00	TGR3		0.00	
7,772.86	7,750.00	Douglas Creek		0.00	
8,139.18	8,115.00	3Point Marker		0.00	
8,299.23	8,275.00	Black Shale		0.00	
8,549.23	8,525.00	Castle Peak		0.00	
8,934.23	8,910.00	Uteland Butte		0.00	
9,149.23	9,125.00	CR1		0.00	
9,259.23	9,235.00	Wasatch		0.00	
9,599.23	9,575.00	CR2		0.00	
9,904.23	9,880.00	CR3		0.00	
10,229.23	10,205.00	CR4		0.00	
10,569.23	10,545.00	CR4A		0.00	
10,694.23	10,670.00	CR5		0.00	
10,864.23	10,840.00	CR6		0.00	
11,134.23	11,110.00	CR7		0.00	

Targets associated with this wellbore

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
14-8D-36 BTR_Plan1_Zone Tgt	8,275.00	394.53	-297.10	Circle
14-8-36 BTR_Plan1_BHL Tgt	11,410.00	394.53	-297.10	Point

**HALLIBURTON****North Reference Sheet for Sec. 8-T3S-R6W - #14-8D-36 BTR - Plan #1**

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

Vertical Depths are relative to KB @ 6535.00ft (Patterson 506). Northing and Easting are relative to #14-8D-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  $-111.50^{\circ}$ , Longitude Origin:  $0^{\circ} 0' 0.000 \text{ E}^{\circ}$ , Latitude Origin:  $40^{\circ} 39' 0.000 \text{ N}^{\circ}$

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99992226

Grid Coordinates of Well: 691,276.01 ft N, 2,254,511.84 ft E

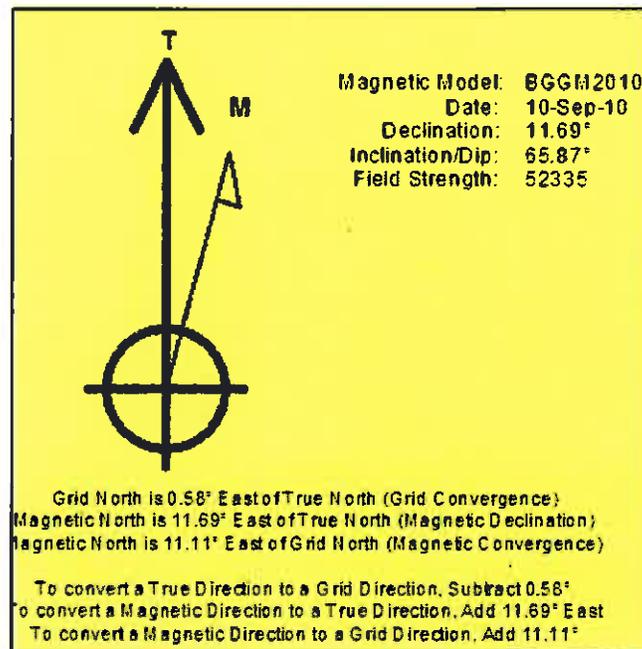
Geographical Coordinates of Well:  $40^{\circ} 13' 39.65'' \text{ N}$ ,  $110^{\circ} 35' 18.46'' \text{ W}$

Grid Convergence at Surface is:  $0.58^{\circ}$

Based upon Minimum Curvature type calculations, at a Measured Depth of 11,434.23ft

the Bottom Hole Displacement is 493.89ft in the Direction of  $323.02^{\circ}$  (True).

Magnetic Convergence at surface is:  $-11.11^{\circ}$  (10 September 2010, , BGGM2010)



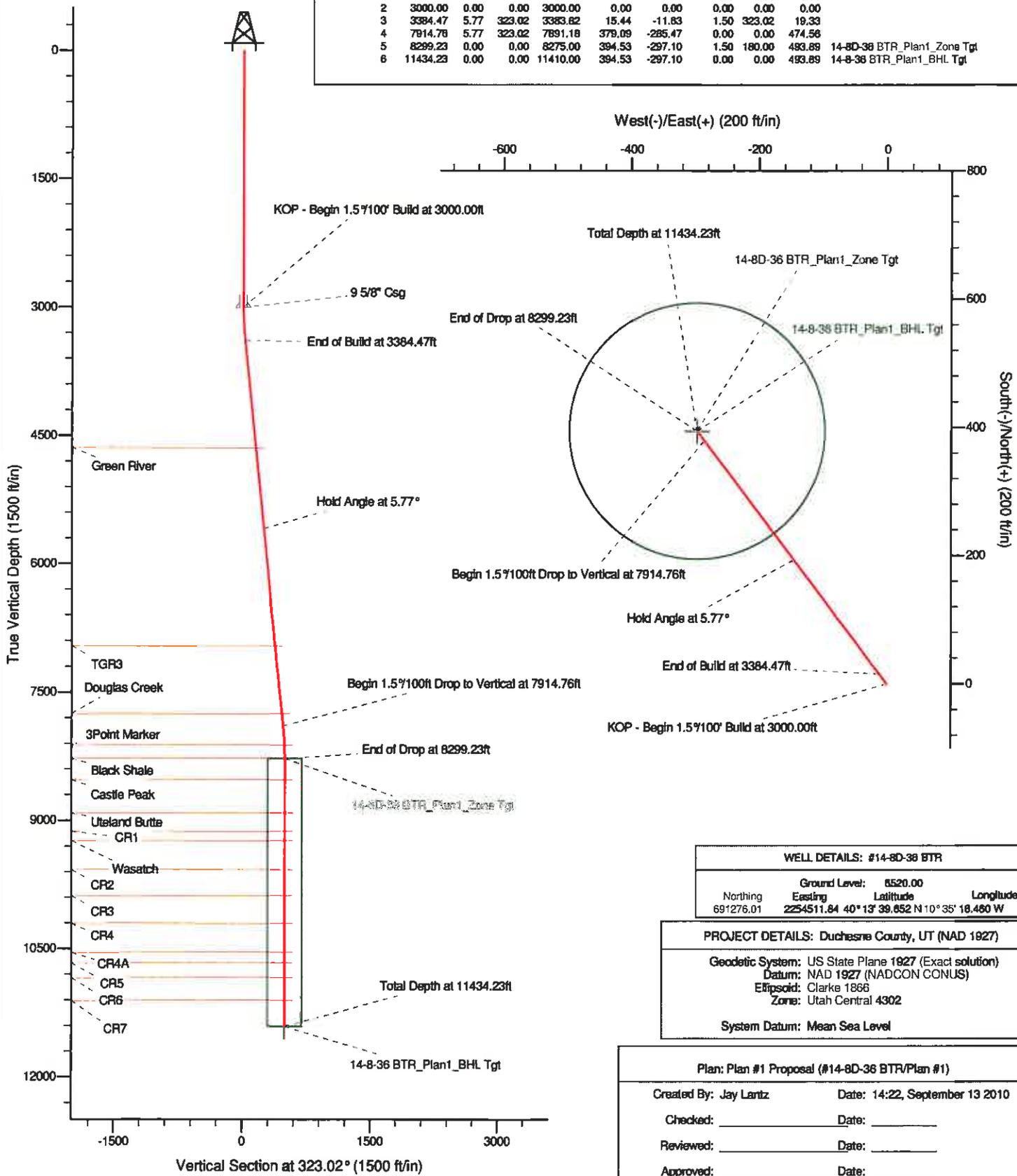
Project: Duchesne County, UT (NAD 1927)  
 Site: Sec. 8-T3S-R6W  
 Well: #14-8D-36 BTR  
 Wellbore: Plan #1  
 Plan: Plan #1 Proposal

# 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	
2	3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	
3	3384.47	5.77	323.02	3383.62	15.44	-11.83	1.50	323.02	19.33	
4	7914.76	5.77	323.02	7891.18	379.09	-285.47	0.00	0.00	474.56	
5	8299.23	0.00	0.00	8275.00	394.53	-297.10	1.50	180.00	493.89	14-8D-36 BTR_Plan1_Zone Tgt
6	11434.23	0.00	0.00	11410.00	394.53	-297.10	0.00	0.00	493.89	14-8-36 BTR_Plan1_BHL Tgt



WELL DETAILS: #14-8D-36 BTR			
Ground Level:	6520.00		
Northing	Easting	Latitude	Longitude
691276.01	2254511.84	40° 13' 39.652 N	10° 35' 18.460 W

PROJECT DETAILS: Duchesne County, UT (NAD 1927)	
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

Plan: Plan #1 Proposal (#14-8D-36 BTR/Plan #1)	
Created By: Jay Lantz	Date: 14:22, September 13 2010
Checked: _____	Date: _____
Reviewed: _____	Date: _____
Approved: _____	Date: _____

Well name was changed from 14-8-36 BTR  
to 14-8D-36 BTR after the Surface Use  
Agreements were signed.

**SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT**

This Agreement, made and entered into this the 18th day of October, 2010, by and between Carolyn Ann Baker, 438 Via De La Luz, Thousand Oaks, CA 91320 ("Surface Owner") and Bill Barrett Corporation, 1099 18<sup>th</sup> Street, Suite 2300, Denver CO 80202, ("BBC").

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases ("leases") covering and affecting All of Section 8, 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 #14-8-36 BTR well at a legal drill-site location in the SE1/4SW1/4 of Section 8, 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 SE1/4SW1/4 of Section 8, 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 as set forth in a letter agreement dated October 18, 2010, and thereafter modified, 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 pipes 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 below ordinary plow depth. 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, it 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.

Upon completion of its operations, BBC is responsible for, and hereby agrees to adhere to all reclamation practices required by Utah State Law, including those set forth in Utah Administrative Code, Title 649-3. 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. 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. Upon completion of all operations and activities on the Surface Owner's land, BBC shall provide Surface Owner with written notice that BBC's use of, and operations on, the Surface Owner's property has terminated.

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.



NW 1/4

NE 1/4

1/4 Section Line

Sec. 8

ROAD RIGHT-OF-WAY DESCRIPTION ON LEEROY A. BEGHTON & JUDITH E BEGHTON TRUSTEES LANDS

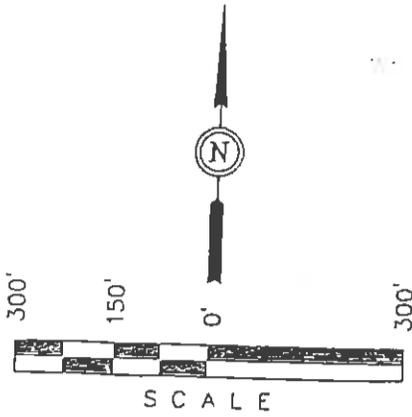
ROAD RIGHT-OF-WAY ON CAROLYN A. BAKER

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

A 30' WIDE RIGHT-OF-WAY THE FOLLOWING DESCRIBED

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 8, T3S, R6W, U.S.B.&M. WHICH BEARS N68°02'36"W 167.92' FROM THE SOUTHEAST CORNER OF SAID SECTION 8. THENCE N48°49'46"W 86.53'; THENCE N54°24'24"W 100.11'; THENCE N57°20'15"W 185.61'; THENCE N67°05'48"W 134.81'; THENCE N84°47'35"W 498.80'; THENCE N73°26'37"W 175.10'; THENCE N64°43'04"W 307.15'; THENCE N66°23'59"W 350.32'; THENCE N57°36'30"W 113.72'; THENCE N35°53'15"W 121.83'; THENCE N30°17'03"W 220.83'; THENCE N25°59'35"W 166.22'; THENCE N81°50'39"W 85.09'; THENCE S81°01'06"W 82.68'; THENCE S67°17'45"W 92.95'; THENCE S51°36'48"W 94.50'; THENCE S03°43'52"W 66.22'; THENCE S21°2'38"E 105.59'; THENCE S17°25'32"E 355.02'; THENCE S49°50'10"E 112.00'; THENCE S19°29'24"E 98.42'; THENCE S16°05'41"E 82.57'; THENCE S20°58'57"E 108.17'; THENCE S04°13'50"W 91.01'; THENCE S11°24'20"W 80.15'; THENCE S57°14'55"W 104.33'; THENCE S86°35'50"W 93.15'; THENCE N84°22'48"W 75.46'; THENCE N48°52'01"W 16.12' TO A POINT ON THE WEST LINE OF THE SW 1/4 SE 1/4 OF SAID SECTION 8 WHICH BEARS N00°01'29"W 147.19' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 8. 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 3.013 ACRES MORE OR LESS.

BEGINNING AT A POINT ON SE 1/4 SW 1/4 OF SECTION 8, U.S.B.&M. WHICH BEARS N00°01'29"W 147.19' FROM THE SOUTH 1/4 CORNER OF THE SOUTH 1/4 CORNER OF SAID SECTION 8. THENCE N48°52'01"W 94.83'; THENCE N58°14'07"W 129.91'; THENCE N68°48'08"W 57.83'; THENCE TO A POINT IN THE SE 1/4 SECTION 8 WHICH BEARS N4; FROM THE SOUTH 1/4 CORNER OF SAID SECTION 8. THE SIDE LINES OF SAID RIGHT-OF-WAY BEING SHORT TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBS. CONTAINS 0.271 ACRES MORE



SCALE

1/4 Section Line

SW 1/4

1/16 Section Line

SE 1/4

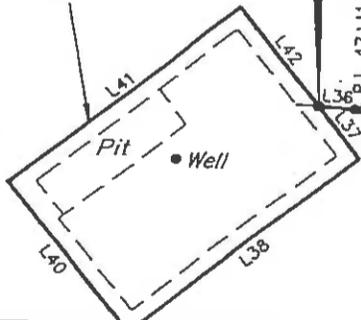
Carolyn A. Baker

Leeroy A. Beghton  
Judith E. Beghton  
Trustees

Leeroy  
Judith

END OF PROPOSED ROAD  
RIGHT-OF-WAY  
STA. 47+68.33  
(At Edge of Surface Use Area)

SURFACE USE AREA  
#14-8-36 BTR  
Contains 3.147 Acres



Set Marked Stone,  
Pile of Stones

Section Line

N89°47'23"E - 2631.30' (Meas.)

BILL BARRETT CORPORATION

# LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For #14-8-36 BTR)

LOCATED IN SECTION 8, T3S, 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 SW 1/4 OF SECTION 8, T3S, R6W, U.S.B.&M. WHICH BEARS N42°47'52"W 476.82' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 8, THENCE S39°01'54"E 105.58'; THENCE S50°58'06"W 428.52'; THENCE S89°48'19"W 27.58'; THENCE N39°01'54"W 287.70'; THENCE N50°58'06"E 450.00'; THENCE S39°01'54"E 199.42' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.147 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N66°02'36"W 167.92' FROM THE SOUTHEAST CORNER OF SECTION 8, T3S, R6W, U.S.B.&M.

P.O.P.L. STA. 43+75.18 BEARS N00°01'29"W 147.19' FROM THE SOUTH 1/4 CORNER OF SECTION 8, T3S, R6W, U.S.B.&M.

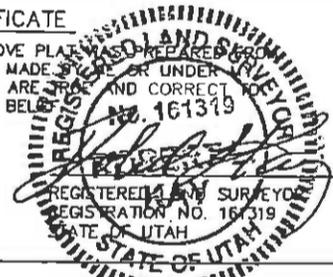
END OF ROAD STA. 47+68.33 BEARS N42°47'52"W 476.82' FROM THE SOUTH 1/4 CORNER OF SECTION 8, T3S, R6W, U.S.B.&M..

### RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
Leeroy A. Beghton Judith E. Beghton Trustees	4375.18	3.013	265.16
Carolyn A. Baker	393.15	0.271	23.83

### 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.



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

SCALE 1" = 300'	DATE 07-21-10
PARTY A.F. N.F. C.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 4 9 8 9 4

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N48°49'46"W	86.53'
L2	N54°24'24"W	100.11'
L3	N57°20'15"W	185.61'
L4	N67°05'48"W	134.81'
L5	N84°47'35"W	498.80'
L6	N73°26'37"W	175.10'
L7	N64°43'04"W	307.15'
L8	N66°23'59"W	350.32'
L9	N57°38'30"W	113.72'
L10	N35°53'15"W	121.83'
L11	N30°17'03"W	220.83'
L12	N25°59'35"W	166.22'
L13	N81°50'39"W	85.09'
L14	S81°01'06"W	82.68'
L15	S67°17'45"W	92.95'
L16	S51°36'48"W	94.50'
L17	S03°43'52"W	66.22'
L18	S21°12'38"E	105.59'
L19	S17°25'32"E	355.02'
L20	S49°50'10"E	112.00'
L21	S19°29'24"E	98.42'
L22	S16°05'41"E	82.57'
L23	S20°58'57"E	108.17'
L24	S04°13'50"W	91.01'
L25	S11°24'20"W	80.15'
L26	S57°14'55"W	104.33'
L27	S86°35'50"W	93.15'
L28	N84°22'48"W	75.46'
L29	N65°29'56"W	63.45'
L30	N48°08'04"W	107.26'
L31	N48°52'01"W	16.12'
L32	N48°52'01"W	94.83'
L33	N47°46'07"W	129.91'
L34	N58°14'07"W	54.13'
L35	N68°48'08"W	57.83'
L36	N86°22'04"W	56.45'
L37	S39°01'54"E	105.58'
L38	S50°58'06"W	428.52'
L39	S89°48'19"W	27.58'
L40	N39°01'54"W	287.70'
L41	N50°58'06"E	450.00'
L42	S39°01'54"E	199.42'

Yellow Plastic Cap  
Peatross #155666  
0.3' High, Set  
Stone, Bearing Tree

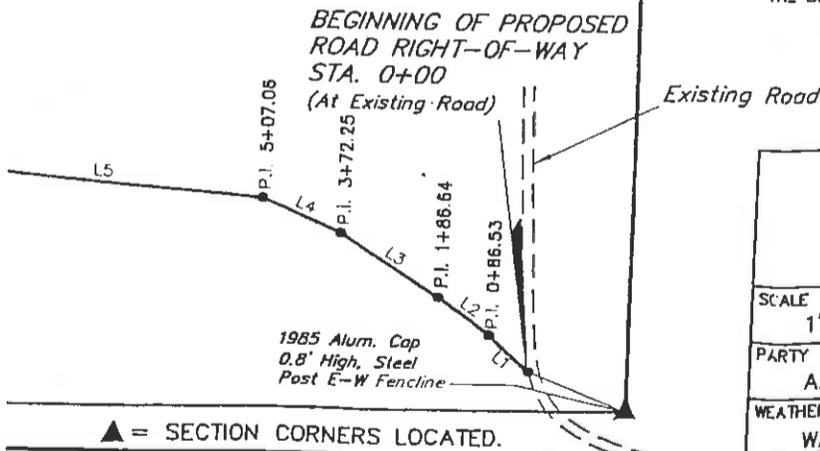
Section Line N00°07'34"W - 2649.07' (Meas.)

### DESCRIPTION OF LANDS

1/2 EACH SIDE OF LINE

WEST LINE OF THE S. R6W, "W 147.19' FROM SECTION 8, CE N47°46'07"W 3'; THENCE S2°04'W 56.45' 4 OF SAID SECTION 8, 2"W 476.82' SAID SECTION 8, RIBBED OR ELONGATED Y LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

Beghton  
Beghton  
stees



NW 1/4

NE 1/4

1/4 Section Line

Sec. 8

PIPELINE RIGHT-OF-WAY DESCRIPTION ON LEEROY A. BEGHTON & JUDITH E. BEGHTON TRUSTEE LANDS

A 30' WDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE WEST LINE OF THE SW 1/4 SE 1/4 OF SECTION 8, T3S, R6W, U.S.B.&M. WHICH BEARS N00°01'29"W 182.42' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 8, THENCE S50°13'23"E 29.47'; THENCE S45°57'26"E 113.14'; THENCE S68°56'09"E 57.55'; THENCE S81°04'50"E 80.04'; THENCE N84°27'22"E 75.70'; THENCE N61°39'29"E 80.21'; THENCE N11°21'46"E 87.78'; THENCE N04°53'17"E 92.31'; THENCE N25°19'59"W 102.08'; THENCE N10°05'23"W 75.32'; THENCE N24°20'04"W 86.06'; THENCE N49°59'46"W 115.15'; THENCE N17°44'59"W 148.80'; THENCE N15°13'33"W 79.30'; THENCE N15°18'46"W 131.65'; THENCE N22°10'27"W 102.11'; THENCE N01°29'00"W 88.47'; THENCE N50°52'57"E 111.64'; THENCE N66°32'15"E 89.24'; THENCE N87°47'31"E 140.67'; THENCE S81°56'22"E 48.67'; THENCE S26°17'01"E 244.04'; THENCE S31°14'44"E 213.65'; THENCE S46°22'00"E 140.50'; THENCE S66°54'35"E 324.72'; THENCE S66°24'36"E 297.49'; THENCE S66°48'08"E 167.71'; THENCE S82°08'45"E 175.36'; THENCE S86°10'42"E 306.93'; THENCE S75°18'57"E 187.57'; THENCE S57°31'30"E 212.57'; THENCE S53°38'27"E 115.72' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 8 WHICH BEARS N57°47'02"W 246.72' FROM THE SOUTHEAST CORNER OF SAID SECTION 8. 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 2.976 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY ON CAROLYN A. BAKER

A 30' WDE RIGHT-OF-WAY 15' FOLLOWING DESCRIBED CENTERLINE

BEGINNING AT A POINT IN THE SECTION 8, T3S, R6W, U.S.B.&M. N42°35'57"W 503.32' FROM THE SAID SECTION 8, THENCE N88°4 S66°17'56"E 69.03'; THENCE S6 THENCE S46°18'03"E 115.53'; TO A POINT ON THE EAST LINE OF SAID SECTION 8 WHICH BEA FROM THE SOUTH 1/4 CORNER. THE SIDE LINES OF SAID DESCR BEING SHORTENED OR ELONGAT GRANTOR'S PROPERTY LINES. E G.P.S. OBSERVATION. CONTAINS LESS

SW 1/4

1/16 Section Line

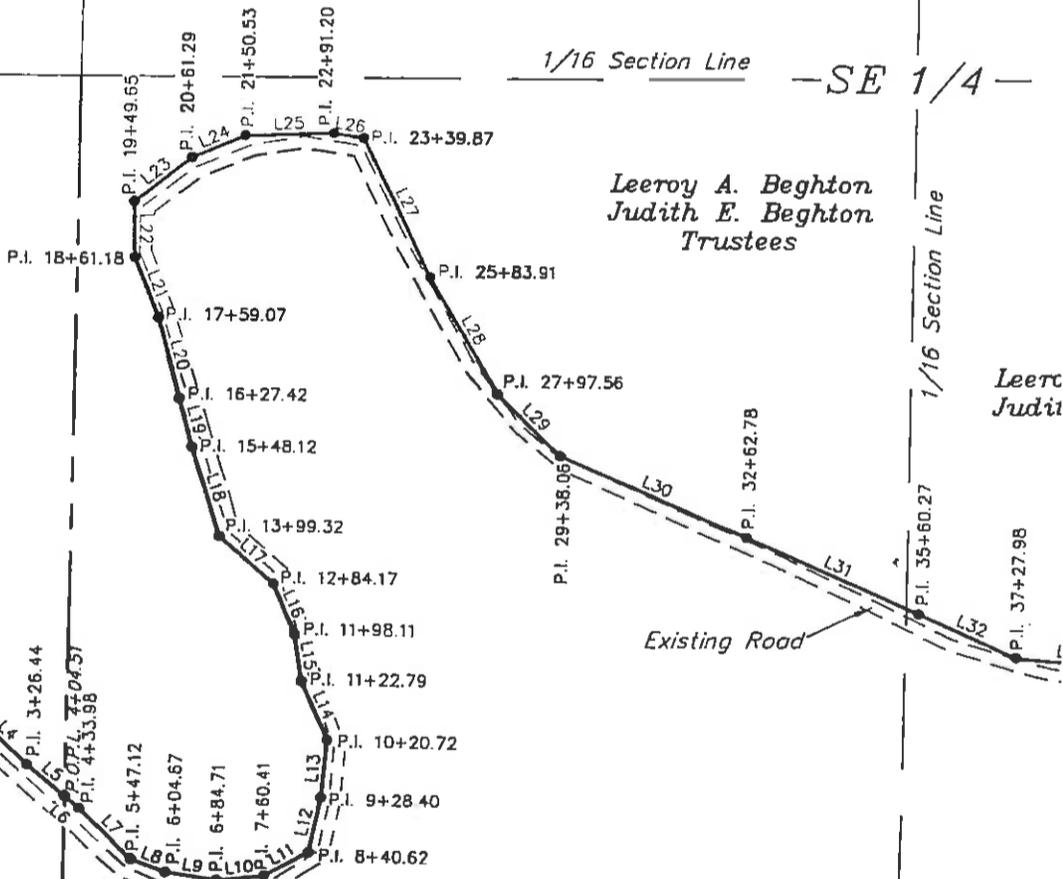
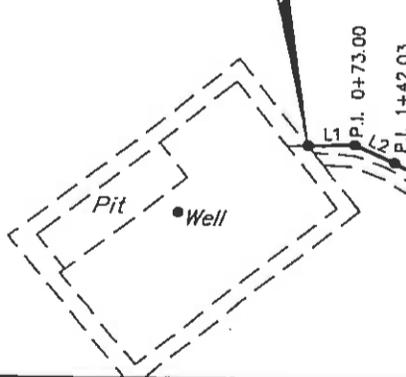
SE 1/4

Carolyn A. Baker

Leeroy A. Beghton  
Judith E. Beghton  
Trustees

Leeroy  
Judith

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



Set Marked Stone, Pile of Stones

Section Line

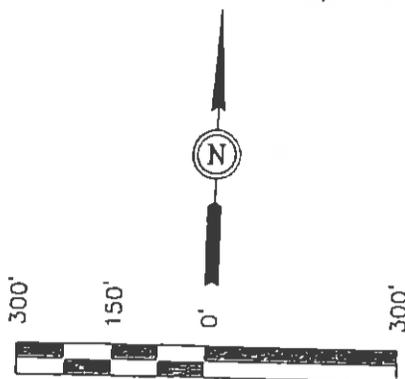
N89°47'23"E - 2631.30' (Mec)

**BILL BARRETT CORPORATION**  
**PIPELINE RIGHT-OF-WAY**  
**ON FEE LANDS**

(For #14-8-36 BTR)

LOCATED IN  
 SECTION 8, T3S, R6W, U.S.B.&M.,  
 DUCHESNE COUNTY, UTAH

Yellow Plastic Cap  
 Peatross #15566  
 0.3' High, Set  
 Stone, Bearing Tree



SCALE  
 BASIS OF BEARINGS

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

BEGINNING OF PIPELINE STA. 0+00 BEARS  
 N42°35'57"W 503.32' FROM THE SOUTH 1/4  
 CORNER OF SECTION 8, T3S, R6W, U.S.B.&M.

P.O.P.L. STA. 4+04.51 BEARS N00°01'29"W  
 182.42' FROM THE SOUTH 1/4 CORNER OF  
 SECTION 8, T3S, R6W, U.S.B.&M.

END OF PIPELINE STA. 47+26.13 BEARS  
 N57°47'02"W 246.72' FROM THE SOUTHEAST  
 CORNER OF SECTION 8, T3S, R6W, U.S.B.&M.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N88°41'35"E	73.00'
L2	S66°17'56"E	69.03'
L3	S62°06'46"E	68.88'
L4	S46°18'03"E	115.53'
L5	S50°13'23"E	78.07'
L6	S50°13'23"E	29.47'
L7	S45°57'26"E	113.14'
L8	S68°56'09"E	57.55'
L9	S81°04'50"E	80.04'
L10	N84°27'22"E	75.70'
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L35	S75°18'57"E	187.57'
L36	S57°31'30"E	212.57'
L37	S53°38'27"E	115.72'

**DESCRIPTION**  
**LANDS**

ON EACH SIDE OF THE

1/4 SW 1/4 OF  
 SECTION 8 BEARS  
 1/4 CORNER OF  
 73.00'; THENCE  
 "E 68.88';  
 S50°13'23"E 78.07'  
 E SE 1/4 SW 1/4  
 "01 29" W 182.42'  
 TO SECTION 8.  
 RIGHT-OF-WAY  
 MEET THE  
 "E BEARINGS IS A  
 ACRES MORE OR

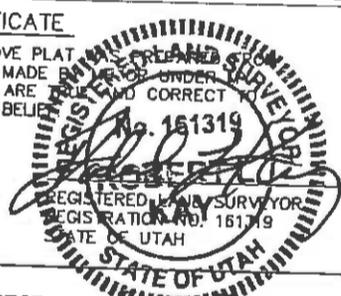
Section Line N00°07'34"W - 2649.07' (Meas.)

**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
Leeroy A. Beghton Judith E. Beghton Trustees	4321.62	2.976	261.92
Carolyn A. Baker	404.51	0.279	24.52

**CERTIFICATE**

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

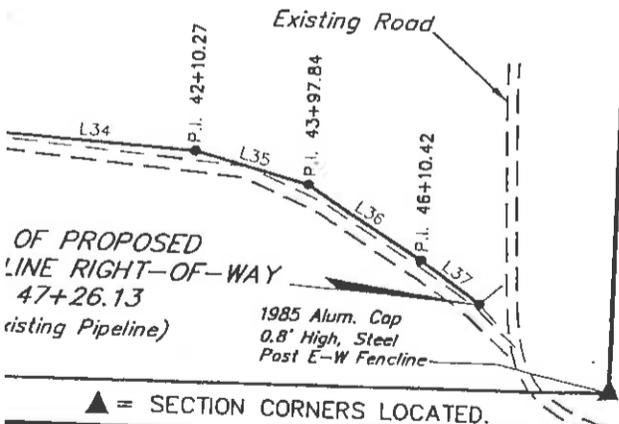


REVISED: 08-12-10

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

SCALE 1" = 300'	DATE 07-21-10
PARTY A.F. N.F. C.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 4 9 8 9 5

Beghton  
 Beghton  
 Trusts



STATE OF UTAH  
COUNTY OF DUCHESNE

## SURFACE LAND USE AGREEMENT

**KNOW ALL MEN BY THESE PRESENTS, THAT:**

**WHEREAS**, LeRoy A. Beghtol and Judith E. Beghtol, Trustees of the Beghtol Family Trust dated December 13, 2005, whose mailing address is 1226 Cherry Hill Road, Placentia, CA 92870 (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 3 SOUTH, RANGE 6 WEST, USM  
Section 8: S1/2SE1/4

**See Exhibits "A" and "B" Attached**

**WHEREAS**, Bill Barrett Corporation., whose address is 1099 18<sup>th</sup> 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 Grantee 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 they are the surface owner of the above-described land, and have 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.

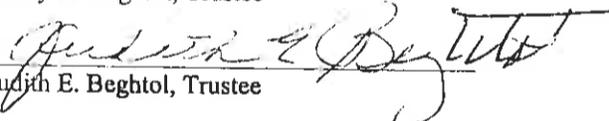
The making, execution and delivery of this document by Grantor has been induced by no representations, statements, warranties, or other agreements other than those herein expressed. This agreement embodies the entire understanding of the parties, and this instrument may be amended or modified only by 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 17th day of September, 2010.

**GRANTOR:**

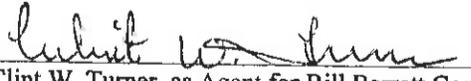
By:   
LeRoy A. Beghtol, Trustee

By:   
Judith E. Beghtol, Trustee

Date: 9-24-10

**GRANTEE:**

**BILL BARRETT CORPORATION**

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

ACKNOWLEDGMENT

STATE OF CALIFORNIA

COUNTY OF

On this 24th day of SEPT, 2010, before me personally appeared LeRoy H. Beghtol and Judith E. Beghtol, as Trustees of the Beghtol Family Trustee dated December 13, 2005, 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.



Notary Public  
Residing at: 1392 Ivy Cir,  
CORONA, CA 92879

My Commission Expires: 4/20/2011

ACKNOWLEDGMENT

STATE OF UTAH  
COUNTY OF SALT LAKE

On this 22 day of November, 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: 9/30/12  
Laurel Luck  
Notary Public  
Residing at: Salt Lake, Utah



NW 1/4

NE 1/4

1/4 Section Line

Sec. 8

ROAD RIGHT-OF-WAY DESCRIPTION  
ON LEEROY A. BEGHTON & JUDITH E BEGHTON  
TRUSTEES LANDS

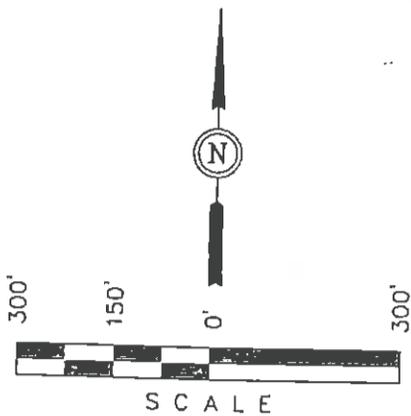
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING  
DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 SE 1/4 OF SECTION 8, T3S, R6W, U.S.B.&M. WHICH BEARS N68°02'36"W 167.92' FROM THE SOUTHEAST CORNER OF SAID SECTION 8, THENCE N48°49'46"W 86.53'; THENCE N54°24'24"W 100.11'; THENCE N57°20'15"W 185.61'; THENCE N67°05'48"W 134.81'; THENCE N84°47'35"W 498.80'; THENCE N73°26'37"W 175.10'; THENCE N64°43'04"W 307.15'; THENCE N66°23'59"W 350.32'; THENCE N57°38'30"W 113.72'; THENCE N35°53'15"W 121.83'; THENCE N30°17'03"W 220.83'; THENCE N25°59'35"W 166.22'; THENCE N81°50'39"W 85.09'; THENCE S81°01'06"W 82.68'; THENCE S67°17'45"W 92.95'; THENCE S51°36'48"W 94.50'; THENCE S03°43'52"W 66.22'; THENCE S21°12'38"E 105.59'; THENCE S17°25'32"E 355.02'; THENCE S49°50'10"E 112.00'; THENCE S19°29'24"E 98.42'; THENCE S16°05'41"E 82.57'; THENCE S20°58'57"E 108.17'; THENCE S04°13'50"W 91.01'; THENCE S11°24'20"W 80.15'; THENCE S57°14'55"W 104.33'; THENCE S86°35'50"W 93.15'; THENCE N84°22'48"W 75.46'; THENCE N65°29'56"W 63.45'; THENCE N48°08'04"W 107.26'; THENCE N48°52'01"W 16.12' TO A POINT ON THE WEST LINE OF THE SW 1/4 SE 1/4 OF SAID SECTION 8 WHICH BEARS N00°01'29"W 147.19' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 8. 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 3.013 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY  
ON CAROLYN A. WE

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CE

BEGINNING AT A POINT ON THE SE 1/4 SW 1/4 OF SECTION 8 U.S.B.&M. WHICH BEARS N00°00' THE SOUTH 1/4 CORNER OF SAID SECTION 8 WHICH BEARS N42° FROM THE SOUTH 1/4 CORNER OF SAID SECTION 8. THE SIDE LINES OF SAID D RIGHT-OF-WAY BEING SHORTENED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.271 ACRES MORE OR LESS.



SW 1/4

1/16 Section Line

SE 1/4

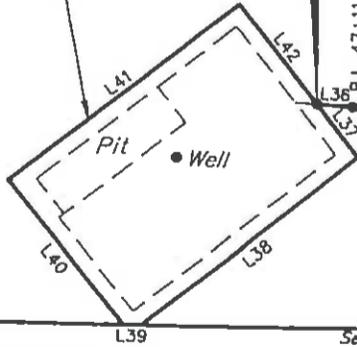
Carolyn A. Weber

Leeroy A. Beghton  
Judith E. Beghton  
Trustees

Leeroy  
Judith

END OF PROPOSED ROAD  
RIGHT-OF-WAY  
STA. 47+68.33  
(At Edge of Surface Use Area)

SURFACE USE AREA  
#14-8-36 BTR  
Contains 3.147 Acres



Set Marked Stone,  
Pile of Stones

Section Line

N89°47'23"E - 2631.30' (Meas



EXHIBIT "B"

NW 1/4

NE 1/4

1/4 Section Line

Sec. 8

PIPELINE RIGHT-OF-WAY DESCRIPTION ON LEEROY A. BEGHTON & JUDITH E. BEGHTON TRUSTEE LANDS

PIPELINE RIGHT-OF-WAY DESCRIPTION ON CAROLYN A. WEBER LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE WEST LINE OF THE SW 1/4 SE 1/4 OF SECTION 8, T3S, R6W, U.S.B.&M. WHICH BEARS N00°01'29"W 182.42' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 8, THENCE S50°13'23"E 29.47'; THENCE S45°57'26"E 113.14'; THENCE S68°56'09"E 57.55'; THENCE S81°04'50"E 80.04'; THENCE N84°27'22"E 75.70'; THENCE N61°39'29"E 80.21'; THENCE N11°21'46"E 87.78'; THENCE N04°53'17"E 92.31'; THENCE N25°19'59"W 102.08'; THENCE N10°06'23"W 75.32'; THENCE N24°20'04"W 86.06'; THENCE N49°59'46"W 115.15'; THENCE N17°44'59"W 148.80'; THENCE N15°13'33"W 79.30'; THENCE N15°18'46"W 131.65'; THENCE N22°10'27"W 102.11'; THENCE N01°29'00"W 88.47'; THENCE N50°52'57"E 111.64'; THENCE N66°32'15"E 89.24'; THENCE N87°47'31"E 140.67'; THENCE S81°56'22"E 48.67'; THENCE S26°17'01"E 244.04'; THENCE S31°14'44"E 213.65'; THENCE S46°22'00"E 140.50'; THENCE S66°54'35"E 324.72'; THENCE S66°24'36"E 297.49'; THENCE S66°48'08"E 167.71'; THENCE S82°08'45"E 175.36'; THENCE S86°10'42"E 306.93'; THENCE S75°18'57"E 187.57'; THENCE S57°31'30"E 212.57'; THENCE S53°38'27"E 115.72' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 8 WHICH BEARS N57°47'02"W 246.72' FROM THE SOUTHEAST CORNER OF SAID SECTION 8. 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 2.976 ACRES MORE OR LESS.

BEGINNING AT A POINT IN THE SE 1/4 SECTION 8, T3S, R6W, U.S.B.&M. N42°35'57"W 503.32' FROM THE SAID SECTION 8, THENCE N88°41' SAID SECTION 8, THENCE S62° S66°17'56"E 69.03'; THENCE S62 THENCE S46°18'03"E 115.53'; TH TO A POINT ON THE EAST LINE OF SAID SECTION 8 WHICH BEAR FROM THE SOUTH 1/4 CORNER ( THE SIDE LINES OF SAID DESCRIBE BEING SHORTENED OR ELONGATED GRANTOR'S PROPERTY LINES. BASIS OF G.P.S. OBSERVATION. CONTAINS 2.976 ACRES MORE OR LESS.

1/4 Section Line

SW 1/4

1/16 Section Line

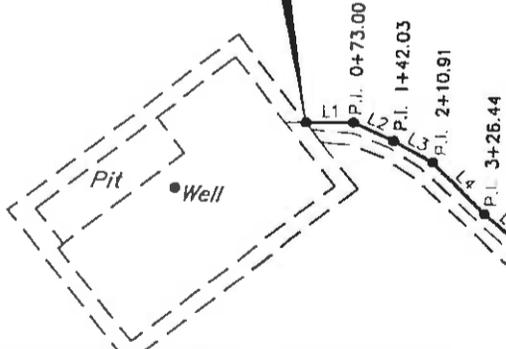
SE 1/4

Carolyn A. Weber

Leeroy A. Beghton  
Judith E. Beghton  
Trustees

Leeroy  
Judith

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



Set Marked Stone, Pile of Stones

Section Line

N89°47'23"E - 2631.30' (Meas.)

BILL BARRETT CORPORATION

PIPELINE RIGHT-OF-WAY  
ON FEE LANDS

(For #14-8-36 BTR)

LOCATED IN  
SECTION 8, T3S, R6W, U.S.B.&M.,  
DUCHESE COUNTY, UTAH

Yellow Plastic Cap  
Peotross #155666  
0.3' High, Set  
Stone, Bearing Tree



SCALE

BASIS OF BEARINGS

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

BEGINNING OF PIPELINE STA. 0+00 BEARS  
N42°35'57"W 503.32' FROM THE SOUTH 1/4  
CORNER OF SECTION 8, T3S, R6W, U.S.B.&M.

P.O.P.L. STA. 4+04.51 BEARS N00°01'29"W  
182.42' FROM THE SOUTH 1/4 CORNER OF  
SECTION 8, T3S, R6W, U.S.B.&M.

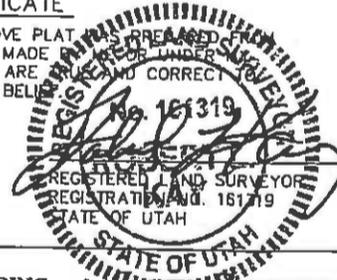
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RIGHT-OF-WAY LENGTHS

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



REVISED: 08-12-10

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

SCALE 1" = 300'	DATE 07-21-10
PARTY A.F. N.F. C.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 4 9 8 9 5

LINE TABLE		
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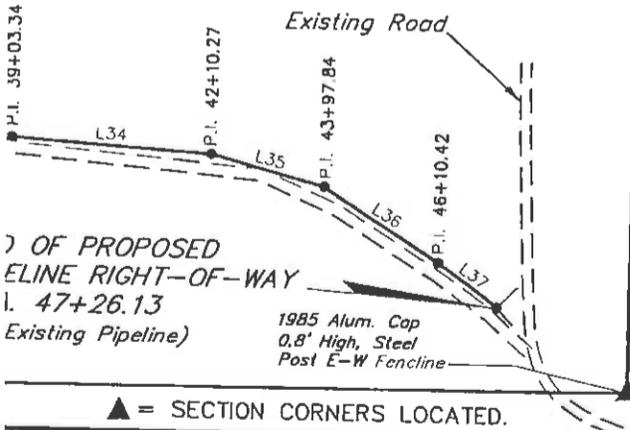
DESCRIPTION  
LANDS

CH SIDE OF THE

SW 1/4 OF  
1 BEARS  
1/4 CORNER OF  
73.00'; THENCE  
E 68.88';  
S50°13'23"E 78.07'  
SE 1/4 SW 1/4  
01°29'W 182.42'  
SECTION 8,  
RIGHT-OF-WAY  
MEET THE  
E BEARINGS IS A  
ACRES MORE OR

Section Line N00°07'34"W - 2649.07' (Meas.)

Beghton  
Beghton  
stees



▲ = SECTION CORNERS LOCATED.

BILL BARRETT CORPORATION  
**SURFACE USE PLAN**

**14-8D-36 BTR Well Pad**

SESW, 264' FSL & 2096' FWL, Section 8-T3S-R6W, USB&M (surface hole)

SESW, 660' FSL & 1800' FWL, Section 8-T3S-R6W USB&M (bottom hole)

Duchesne County, Utah

---

**Surface use agreements exist with the surface use owners. The onsite for this location is pending.**

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 13.8 miles northwest of Duchesne, Utah. Maps and directions reflecting the route to the proposed well site is included (see Topographic maps A and B).
  - b. The proposed access would connect to an existing road.
  - 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. No encroachment or pipeline crossing permit are required.
  - f. All existing roads would be maintained and kept in good repair during all phases of operation.
2. Planned Access Road:
  - a. From the existing road, approximately 0.5 mi of existing road would need to be upgraded and approximately 0.4 miles of new access road is proposed (see Topographic Map B).

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Duchesne County, UT

- b. The road would be constructed to a 30-foot ROW width with an 18-foot travel surface. See section 12.d. below for disturbance estimates.
- 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 roughen 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 gates or 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.



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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 4726 feet of pipeline corridor (see Topographic Map C) 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. Pipelines would be constructed of steel, polyethylene or fiberglass. The pipeline corridor would connect to an existing pipeline.
- g. The new segment of gas pipeline would be buried within a 30 foot wide pipeline ROW adjacent to the proposed access road. See 12.d below for disturbance estimates.
- h. Construction of the ROW would temporarily utilize the 30 foot disturbed width for the road for a total disturbed width of 60 foot for the road and pipeline corridors. 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 Beetle, 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.

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5. Location and Type of Water Supply:

- a. Water for the drilling and completion would be trucked from any of the following locations:

<b>Water Right No. and Application or Change No.</b>	<b>Applicant</b>	<b>Point of Diversion</b>	<b>Source</b>
43-180	Duchesne City Water Service District	Knight Diversion Dam	Duchesne River
43-1202, Change a13837	Myton City	Knight Diversion Dam	Duchesne River
43-10444, Appln A57477	Duchesne County Upper Country Water	Ditch at Source	Cow Canyon Spring
43-10446, Appln F57432	Duchesne County Upper Country Water	Ditch at Source	Cow Canyon Spring
43-1273, Appln A17462	J.J.N.P. Company	Strawberry River	Strawberry River
43-1273, Appln t36590	J.J.N.P. Company	Strawberry River	Strawberry River

- 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 5.41 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 the lease or EDA area.
- 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. The reserve pit would be constructed so as not to leak, break or allow any discharge.
- c. The reserve would be lined with 12 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite

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if rock is encountered during excavation. The liner would overlap the pit 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 liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the reserve pit at all times.

- d. To deter livestock from entering the pit, 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.
- e. Drill cuttings would be contained in the pit and buried on-site for a period not to exceed six months, weather permitting.
- f. 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:

<b>Disposal Facilities</b>
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
5. Unified Water Pits – Sec. 31, T2S-R4W
6. Iowa Tank Line Pits – 8500 BLM Fence Road, Pleasant Valley

- g. 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.
- h. 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.
- i. 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 CO<sub>2</sub> 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

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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.

- j. 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.
  - k. 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.
  - l. A flare pit may be constructed a minimum of 110' 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.
  - m. 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.

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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 and road designs are consistent with BLM specifications and approved by the surface owner.
- d. The pad has been staked at its maximum size of 400 feet x 255 feet with an inboard reserve pit size of 235 feet x 70 feet X 8 feet deep. See section 12.d below for disturbance estimates.
- e. 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.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. 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.
- h. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- i. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- j. Water application may be implemented if necessary to minimize the amount of fugitive dust.
- k. 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. A site specific reclamation pad would be submitted within 90 days of location construction.

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Duchesne County, UT

- b. 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.
- c. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal. A list of noxious weeds may be obtained from the Ute Tribe, BLM or the appropriate county extension office. On Ute Tribe administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit 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 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 as prescribed by the surface owners with the specified seed mix.
- 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 prescribed seed mixture as prescribed by the surface owners 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 – Carolyn Ann Baker, 438 Via De La Luz, Thousand Oaks, CA, 91320 805-376-1452
- b. Surface ownership – LeRoy A. and Judith E. Beghtol, 1226 Cherry Hill Road, Placentia, CA 92870 714-528-3631
- c. Mineral ownership – Ute Indian Tribe - 988 South 7500 East (Annex Building); Ft. Duchesne, Utah 84026; 435-725-4950.

12. Other Information:

- a. Montgomery Archaeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the

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appropriate agencies by Montgomery as MOAC Report No. 10-142, dated September 7, 2010.

- 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
- d. Disturbance estimates:

**Approximate Acreage Disturbances**

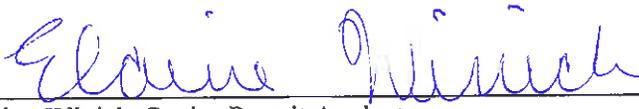
Well Pad		3.1	acres
Access/Pipeline	4726 feet	6.5	acres
<b>Total</b>		<b>9.6</b>	<b>acres</b>

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 1 day of March 2011  
Name: Elaine Winick  
Position Title: Senior Permit Analyst  
Address: 1099 18<sup>th</sup> 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 RIG LAYOUT FOR

**14-8D-36 BTR**  
SECTION 8, T3S, R6W, U.S.B. & M.  
264' FSL 2096' FWL

**FIGURE #3**

SCALE: 1" = 60'  
DATE: 07-21-10  
DRAWN BY: C.H.



1- 4000 gal  
Flar Tank

2- 500 gallon  
gas col  
+  
methanol

1000 gallon  
propant

gas  
sakes

1- 5000 gal water tank  
2- 500 gal OIL TANK

Treater

Flare  
Pit

155'

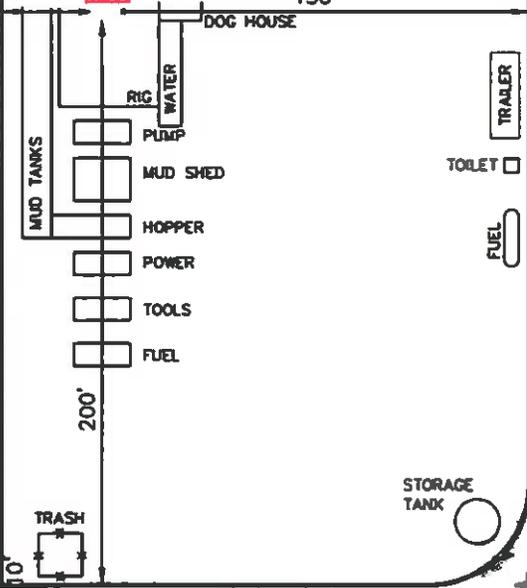
10' WIDE BENCH  
235'

RESERVE PITS  
(8' Deep)  
Total Pit Capacity  
W/2' of Freeboard  
= 12,960 Bbls. ±  
Total Pit Volume  
= 3,850 Cu. Yds

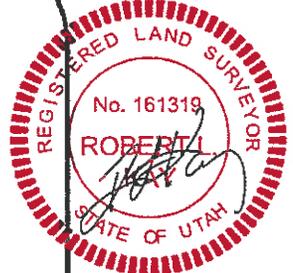
1 1/2:1 SLOPE  
200'

TRASH

10' WIDE BENCH

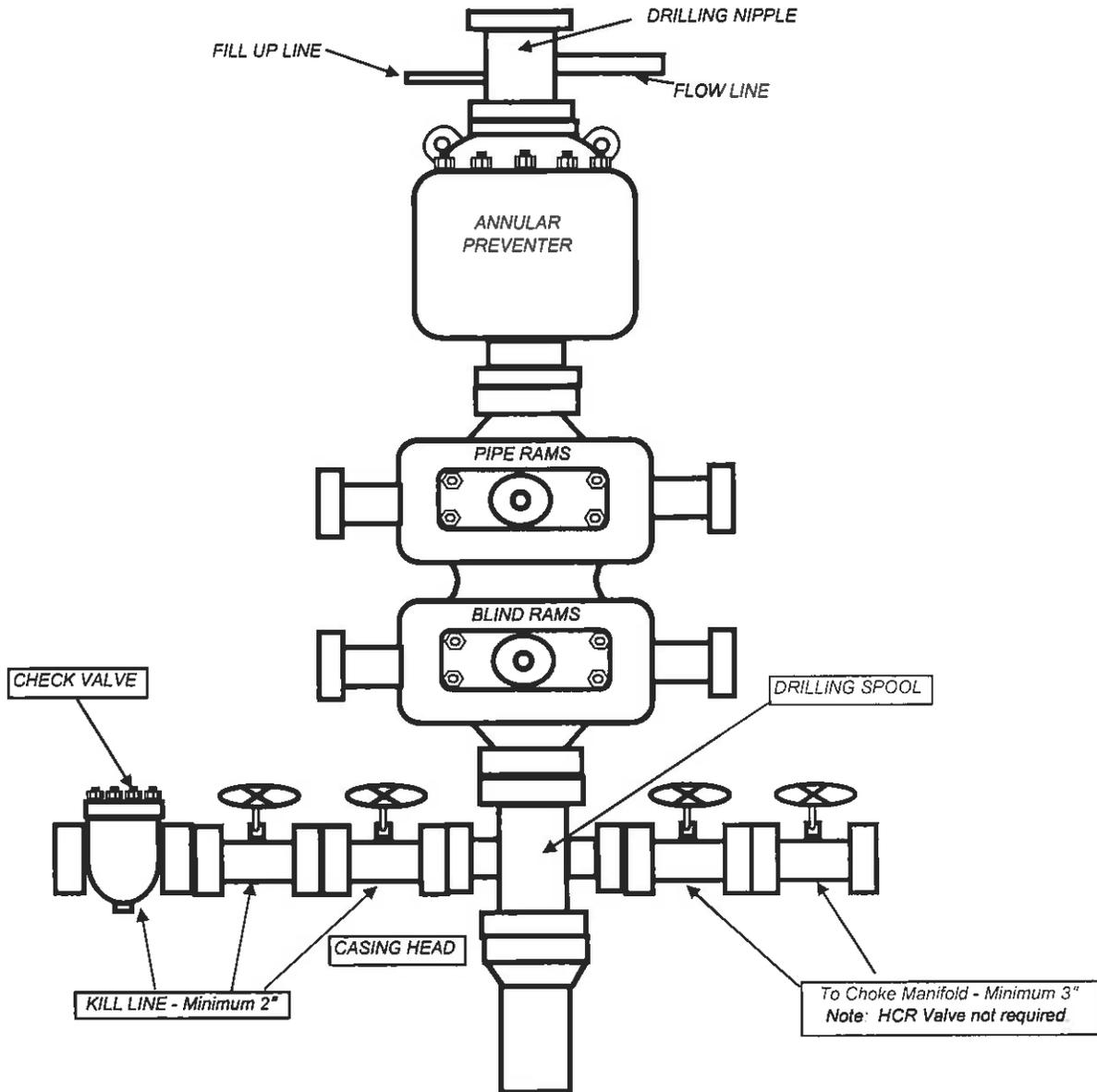


Amping Unit



# BILL BARRETT CORPORATION

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







February 28, 2011

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: Directional Drilling R649-3-11  
**Blacktail Ridge Area #14-8D-36 BTR Well**  
Surface: 264' FSL & 2,096' FWL, SESW, 8-T3S-R6W, USM  
Bottom Hole: 660' FSL & 1,800' FWL, SESW, 8-T3S-R6W, USM  
Duchesne County, Utah

Dear Ms. Mason,

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill the above referenced well, we hereby submit this letter in accordance with Oil & Gas Conservation Rules R649-2, R649-3, R649-10 and R649-11, pertaining to the Location and Siting of Wells.

- The proposed location is within our Blacktail Ridge Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area.
- The well will be drilled under an Exploration and Development Agreement between the Ute Indian Tribe and Ute Distribution Corporation. Ute Energy, LLC owns a right to participate in this well.
- BBC certifies that it is the working interest owner of all lands within 460 feet of the proposed well location, and together with Ute Energy, LLC, we own 100% of the working interest in these lands.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. Should you have any questions or need further information, please contact me at 303-312-8544.

Sincerely,

*David Watts by EW*  
David Watts

Landman

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

**RECEIVED: Mar. 01, 2011**

**BILL BARRETT CORPORATION**  
LOCATION LAYOUT FOR

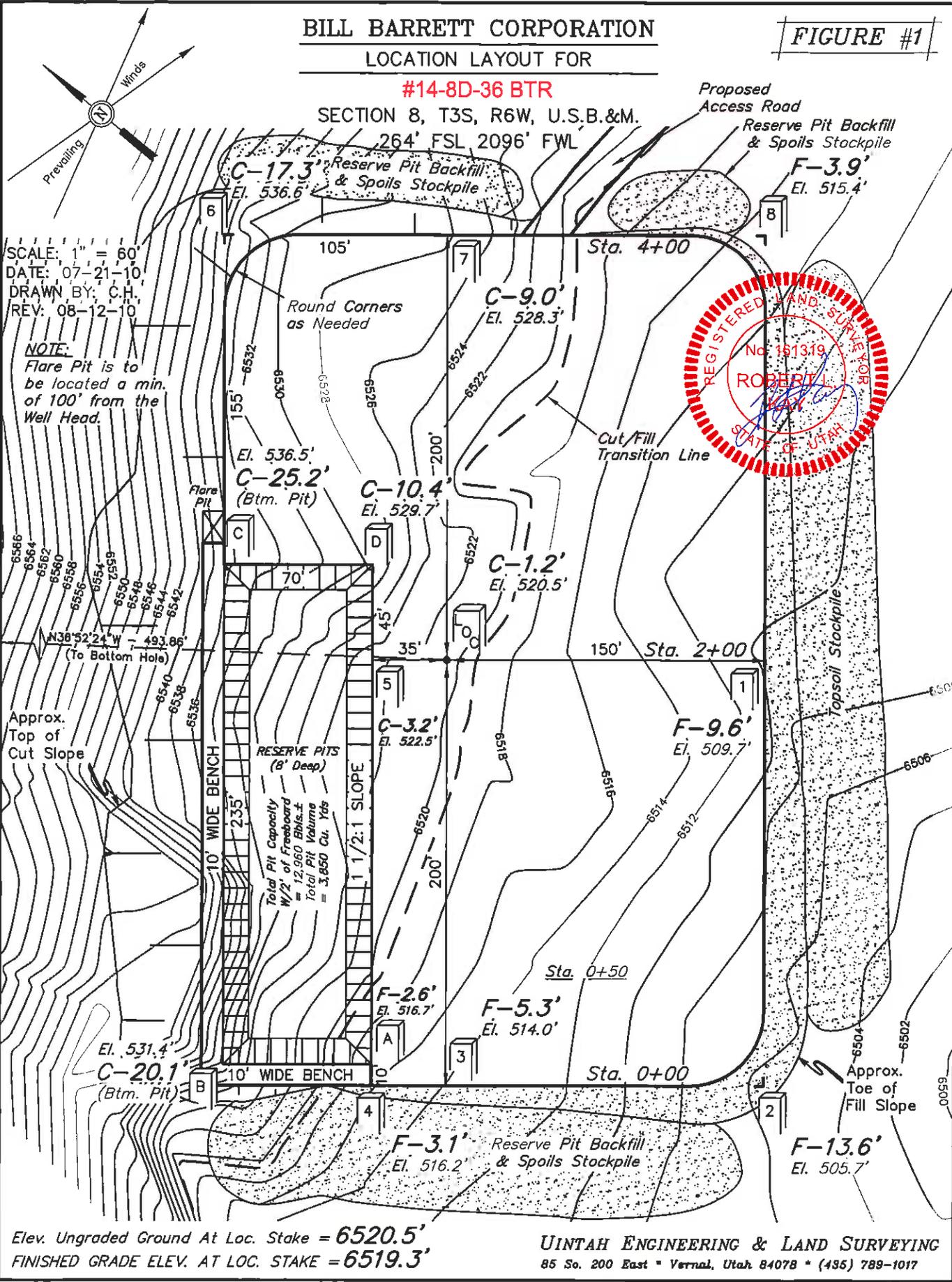
**FIGURE #1**

**#14-8D-36 BTR**

SECTION 8, T3S, R6W, U.S.B.&M.

264' FSL 2096' FWL

Proposed Access Road  
Reserve Pit Backfill & Spoils Stockpile



Elev. Ungraded Ground At Loc. Stake = 6520.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 6519.3'

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

**BILL BARRETT CORPORATION**

TYPICAL CROSS SECTION FOR

**#14-8D-36 BTR**

SECTION 8, T3S, R6W, U.S.B.&M.

264' FSL 2096' FWL

**FIGURE #2**

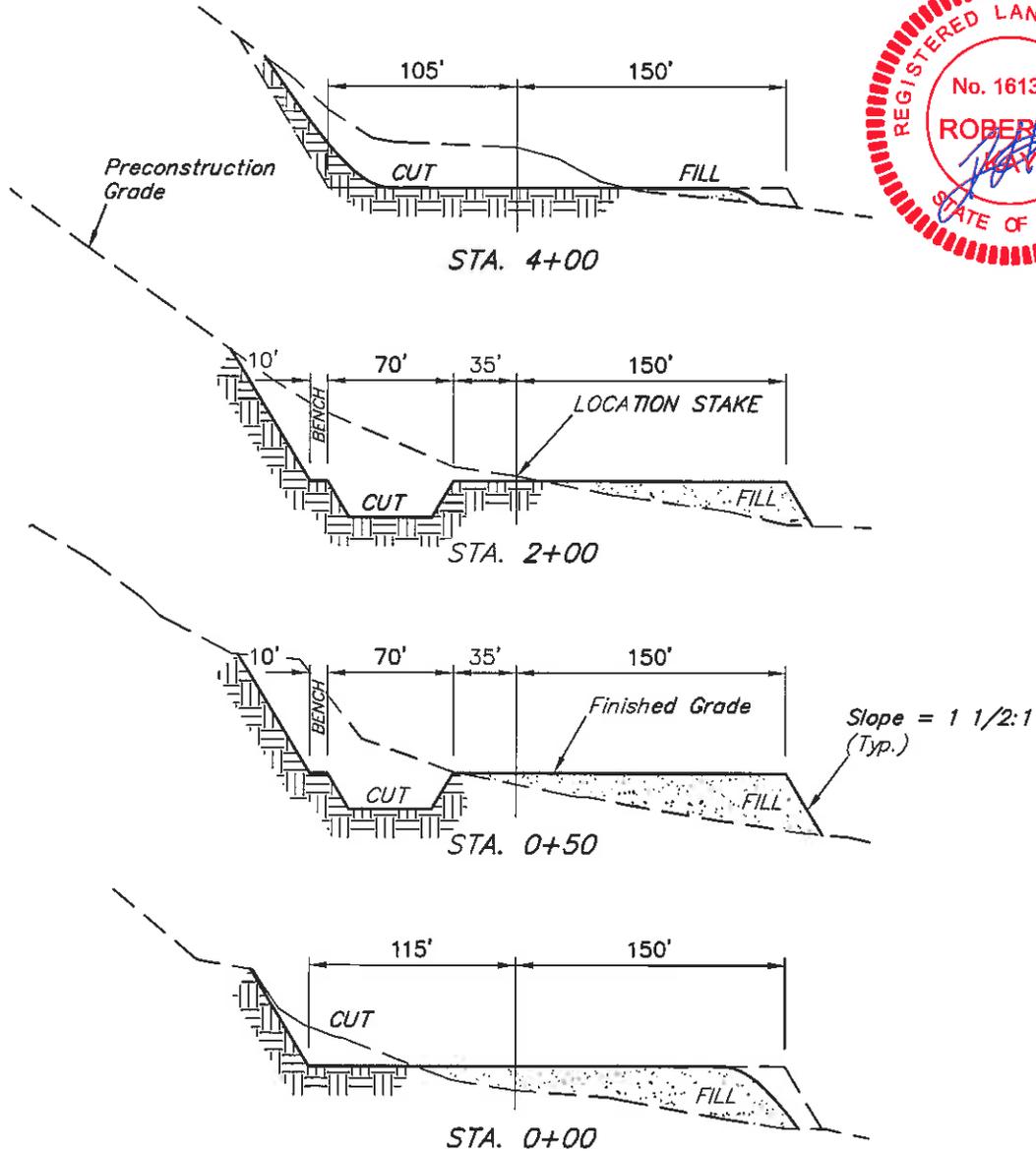
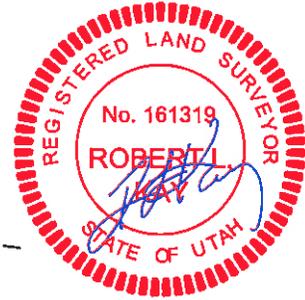
1" = 40'

X-Section  
Scale

1" = 100'

DATE: 07-21-10

DRAWN BY: C.H.



**NOTE:**

Topsoil should not be Stripped Below Finished Grade on Substructure Area

**\* NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(12") Topsoil Stripping	= 5,180 Cu. Yds.
Remaining Location	= 21,540 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 26,720 CU.YDS.</b>
<b>FILL</b>	<b>= 14,840 CU.YDS.</b>

EXCESS MATERIAL	= 11,880 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 7,110 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 4,770 Cu. Yds.

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

# BILL BARRETT CORPORATION

## TYPICAL RIG LAYOUT FOR

### #14-8D-36 BTR

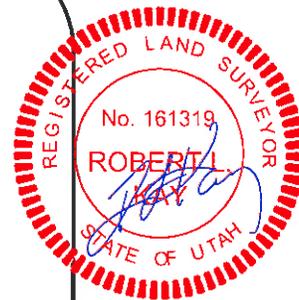
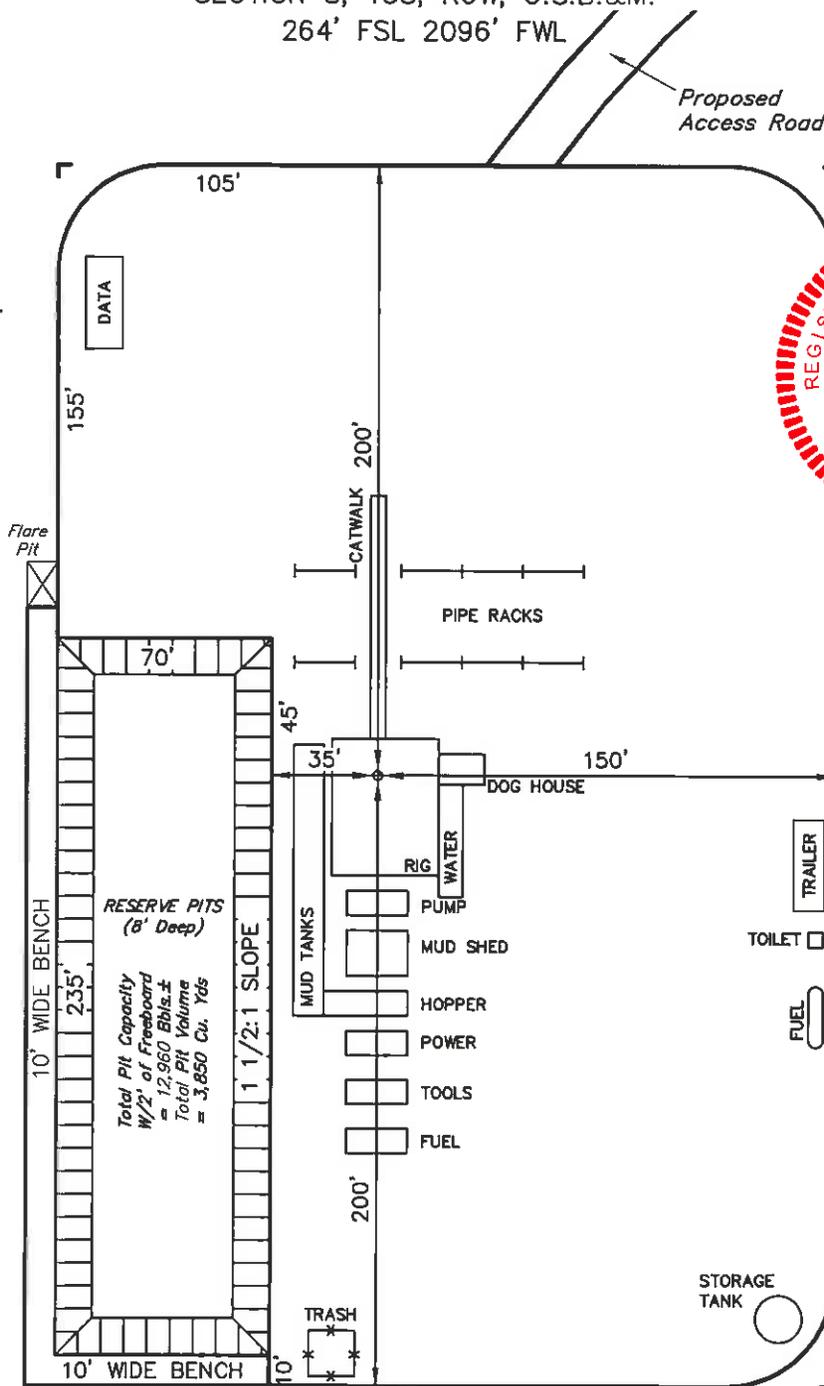
SECTION 8, T3S, R6W, U.S.B.&M.  
264' FSL 2096' FWL

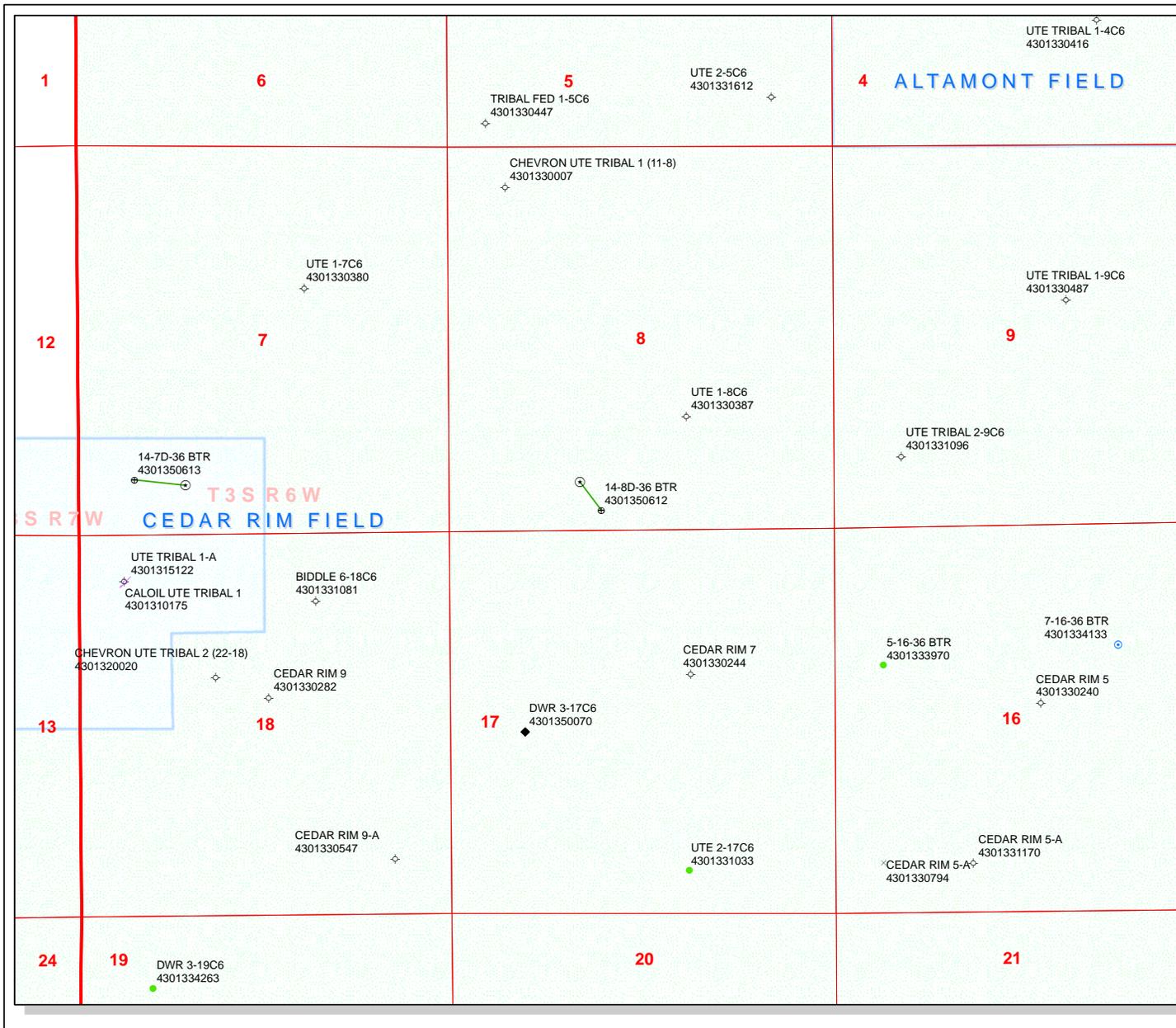
**FIGURE #3**

SCALE: 1" = 60'  
DATE: 07-21-10  
DRAWN BY: C.H.



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

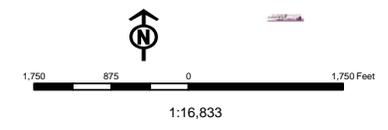




**API Number: 4301350612**  
**Well Name: 14-8D-36 BTR**  
 Township T0.3 . Range R0.6 . Section 08  
**Meridian: UBM**  
 Operator: BILL BARRETT CORP

Map Prepared:  
 Map Produced by Diana Mason

- |               |                                    |
|---------------|------------------------------------|
| <b>Units</b>  | <b>Wells Query</b>                 |
| <b>STATUS</b> | <b>Status</b>                      |
| ACTIVE        | APD - Approved Permit              |
| EXPLORATORY   | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE   | GIW - Gas Injection                |
| NF PP OIL     | GS - Gas Storage                   |
| NF SECONDARY  | LA - Location Abandoned            |
| PI OIL        | LOC - New Location                 |
| PP GAS        | OPS - Operation Suspended          |
| PP GEOTHERML  | PA - Plugged Abandoned             |
| PP OIL        | PGW - Producing Gas Well           |
| SECONDARY     | POW - Producing Oil Well           |
| TERMINATED    | RET - Returned APD                 |
| <b>Fields</b> | SGW - Shut-in Gas Well             |
| <b>STATUS</b> | SOW - Shut-in Oil Well             |
| Unknown       | TA - Temp. Abandoned               |
| ABANDONED     | TW - Test Well                     |
| ACTIVE        | WDW - Water Disposal               |
| COMBINED      | WIW - Water Injection Well         |
| INACTIVE      | WSW - Water Supply Well            |
| STORAGE       |                                    |
| TERMINATED    |                                    |
| Sections      |                                    |
| Township      |                                    |



# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** BILL BARRETT CORP  
**Well Name** 14-8D-36 BTR  
**API Number** 43013506120000      **APD No** 3497      **Field/Unit** CEDAR RIM  
**Location: 1/4,1/4**      **SESW Sec 8 Tw 3.0S Rng 6.0W 264 FSL 2096 FWL**  
**GPS Coord (UTM)** 535017 4452901      **Surface Owner** Carolyn Baker

### Participants

Don Hamilton (Buys and Associates), Trevor Anderson (UELS), Matt Serfustini and Joe Via (EIS), James Hereford and Bill Civish (BLM), Kary Eldredge (Bill Barret Corp.), Richard Powell (DOGM)

### Regional/Local Setting & Topography

This location is set at the back of a long narrow bench which extends south from a large east west running ridge. Drainage from this location can go either steeply east or west. To the east off the bench the land flattens out to a valley which slopes east a wash which then drains toward Rabbit Gulch. To the west drainage is to a small steep canyon which also leads to Rabbit Gulch approximately 1 mile south. Rabbit Gulch is the predominate drainage channel for this region and leads to Starvation Reservoir at a point near the Hwy 40 Bridge crossing. Total distance from Duchesne, UT to the proposed well location is approximately 13.8 miles to the south east.

### Surface Use Plan

#### **Current Surface Use**

Wildlife Habitat  
Deer Winter Range

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.4	<b>Width 255 Length 400</b>	Onsite	UNTA

#### **Ancillary Facilities Y**

Trailers and waste water holding tanks will be set up to provide housing for personel during drilling activities.

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Deer, elk, small mammals, small birds  
Pinion, Juniper, woody shrubs, Brigham tea, little to no grasses

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

Sandy soil among exosed rock out croppings and boulders.

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required?** Y

**Berm Required? Y**

Uphill side of location should be bermed to keep drainage from entering location

**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**

<b>Distance to Groundwater (feet)</b>	>200	0	
<b>Distance to Surface Water (feet)</b>	>1000	0	
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0	
<b>Distance to Other Wells (feet)</b>	>1320	0	
<b>Native Soil Type</b>	High permeability	20	
<b>Fluid Type</b>	Fresh Water	5	
<b>Drill Cuttings</b>	Normal Rock	0	
<b>Annual Precipitation (inches)</b>	10 to 20	5	
<b>Affected Populations</b>			
<b>Presence Nearby Utility Conduits</b>	Not Present	0	
	<b>Final Score</b>	30	1 Sensitivity Level

**Characteristics / Requirements**

The reserve pit will be place in cut in a stable location. The pit will be 100ft x 200ft x 8ft deep with a total capacity including freeboard of 16,830bbl.

According to Karry Eldredge Bill Barret plans to use a 20 mil liner and felt subliner.

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

**Other Observations / Comments**

Surface owner Carolyn Baker planned to attend but had vehicle transmission problems which held them up in Las Vegas on trip from her home in California.

Richard Powell  
**Evaluator**

4/20/2011  
**Date / Time**

# Application for Permit to Drill Statement of Basis

5/2/2011

## Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
3497	43013506120000	LOCKED	OW	P	No
<b>Operator</b>	BILL BARRETT CORP		<b>Surface Owner-APD</b>	Carolyn Baker	
<b>Well Name</b>	14-8D-36 BTR		<b>Unit</b>		
<b>Field</b>	CEDAR RIM		<b>Type of Work</b>	DRILL	
<b>Location</b>	SESW 8 3S 6W U 264 FSL 2096 FWL		GPS Coord (UTM)	535013E	4452899N

### 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**

4/26/2011  
**Date / Time**

### Surface Statement of Basis

The date and time of this onsite was requested by the land owner Carolyn Baker. At the appointed meeting time I was informed by James Hereford of the BLM that Carolyn Baker would not be attendance due to car trouble. Her transmission went out near Las Vegas on the trip from her home in California. I immediately contacted Mrs. Baker and she stated her regret at not making it to the onsite but stated that it would be fine for us to proceed with the inspection as scheduled, but also stated that she would like to visit the site as soon as she could make it into the area. Her concerns with drilling on this site centered around her access to the property. At this time she is unable to access the property and hopes to be able to camp on the site. I informed Ms. Baker that it may not be safe to camp on the location while the well is in production. In regard to reclamation she asked that the access road be left in place and that the location be left flat.

BLM representative James Hereford requested that as much vegetation be left standing as possible and that what wood is knocked down be piled up. Richard Powell of DOGM stated that a 20 mil liner and felt subliner would be needed and Kary Eldredge stated that Bill Barret planned to do just that.

Richard Powell  
**Onsite Evaluator**

4/20/2011  
**Date / Time**

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

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 20 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	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 3/1/2011**API NO. ASSIGNED:** 43013506120000**WELL NAME:** 14-8D-36 BTR**OPERATOR:** BILL BARRETT CORP (N2165)**PHONE NUMBER:** 303 293-9100**CONTACT:** Elaine Winick**PROPOSED LOCATION:** SESW 08 030S 060W**Permit Tech Review:** **SURFACE:** 0264 FSL 2096 FWL**Engineering Review:** **BOTTOM:** 0660 FSL 1800 FWL**Geology Review:** **COUNTY:** DUCHESNE**LATITUDE:** 40.22768**LONGITUDE:** -110.58846**UTM SURF EASTINGS:** 535013.00**NORTHINGS:** 4452899.00**FIELD NAME:** CEDAR RIM**LEASE TYPE:** 2 - Indian**LEASE NUMBER:** 2OG0005608**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER-WASATCH**SURFACE OWNER:** 4 - Fee**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**

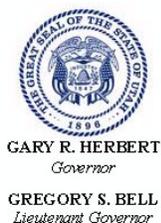
- PLAT**
- Bond:** INDIAN - LPM8874725
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** Duchesne City Culinary Water Dock
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

**Commingle Approved****LOCATION AND SITING:**

- R649-2-3.**
- Unit:**
- R649-3-2. General**
- R649-3-3. Exception**
- Drilling Unit**
- Board Cause No:** Cause 139-84
- Effective Date:** 12/31/2008
- Siting:** 660' Fr Drl U Bdry & 1320' Other Wells
- R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:** 4 - Federal Approval - dmason  
5 - Statement of Basis - bhll  
15 - Directional - dmason



**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:** 14-8D-36 BTR  
**API Well Number:** 43013506120000  
**Lease Number:** 2OG0005608  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 5/2/2011

**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 Cause 139-84. The expected producing formation or pool is the GREEN RIVER-WASATCH 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.

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.

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

**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 <http://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 in a cursive style.

For John Rogers  
Associate Director, Oil & Gas

**RECEIVED**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 02 2011

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

**BLM**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 20G0005608
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		6. If Indian, Allottee or Tribe Name
2. Name of Operator BILL BARRETT CORPORATION Contact: ELAINE WINICK E-Mail: ewinick@billbarrettcorp.com		7. If Unit or CA Agreement, Name and No.
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202		8. Lease Name and Well No. 14-8D-36 BTR
3b. Phone No. (include area code) Ph: 303-312-8168 Fx: 303-291-0420		9. API Well No. 43-013-50612
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESW 264FSL 2096FWL At proposed prod. zone SESW 660FSL 1800FWL		10. Field and Pool, or Exploratory ALTAMONT
14. Distance in miles and direction from nearest town or post office* 13.8 MILES NW OF DUCHESNE, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 8 T3S R6W Mer UBM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660	16. No. of Acres in Lease 66101.00	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 4991	19. Proposed Depth 11434 MD 11410 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6520 GL	22. Approximate date work will start 09/01/2011	17. Spacing Unit dedicated to this well. 640.00
		20. BLM/BIA Bond No. on file LPM8874725
		23. Estimated duration 60 DAYS (D&C)

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 03/02/2011
Title SENIOR PERMIT ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JUN 14 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.

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 #103553 verified by the BLM Well Information System  
For BILL BARRETT CORPORATION, sent to the Vernal  
Committed to AFMSS for processing by ROBIN R. HANSEN on 03/07/2011 ()

**UDOGM**

**NOTICE OF APPROVAL**

**RECEIVED**

**CONDITIONS OF APPROVAL ATTACHED**

**JUL 11 2011**

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

DIV. OF OIL, GAS & MINING

11RS0550AE

1106 12.1.11



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  
Well No: 14-8D-36 BTR  
API No: 43-013-50612

Location: SESW, Sec. 8, T3S R6W  
Lease No: 2OG0005608  
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: <a href="mailto:ut_vn_opreport@blm.gov">ut_vn_opreport@blm.gov</a> .
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)**

**Additional Stipulations:**

- Reclamation will take place on the unused portions of the well pad. This includes at a minimum recontouring of the fill slopes on the southern half of the pad. The remaining acreage will be left flat and open for the private surface owner. This will help cut the long term disturbances in half.
- If standard pump jack is used on location a hospital muffler must be used to lessen noise impacts in the area.
- All production equipment including tanks shall be placed towards the front of the well pad to maximize the reclamation on the unused portion of the well pad.
- Any deviation of submitted APD's, which includes BBCs surface use plan, 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, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Production facilities will be painted Juniper Green to blend in with the surrounding habitat.
- Noxious weeds will be controlled onsite by operator. This includes any invasive species as well.
- Wood that will be removed during construction of the road and well pad will be left in small piles so the surface owners can access and use the resources.
- Vegetation around the well pad and adjacent to the access road will be left in place to help screen the road and well pad from view.
- Site reclamation would be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any road area not needed, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owners or the BLM for possible seed mixes to use in the project area if not established in site specific reclamation plan. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

**General Conditions of Approval:**

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipelines.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- Bill Barrett Corporation will implement a "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COA's, and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**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](mailto: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 workover 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](http://www.ONRR.gov).
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- 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 ( $\frac{1}{4}$ , 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, workover, 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.

**Carol Daniels - 14-8D-36 BTR Notice of Spud**

---

43 013 50612 35 6W 8

**From:** Venessa Langmacher  
**To:** "caroldaniels@utah.gov" , "dennisingram@utah.gov" , "ut\_vn\_opreport@blm.gov" ,  
"carey\_doyle@blm.gov" , "leallenb@utetribe.com"  
**Date:** 8/4/2011 3:10 PM  
**Subject:** 14-8D-36 BTR Notice of Spud  
**CC:** Brent Murphy , Tracey Fallang  
**Attachments:** Brent Murphy , Tracey Fallang

---

All:

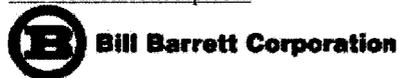
Bill Barrett Corporation intends to spud the above referenced well with Triple A on Sunday, August 7<sup>th</sup>, at 8:00 am.

Please contact Brent Murphy with questions at 303-312-8144.

Thanks,

*Venessa Langmacher*  
Senior Permit Analyst

**BILL BARRETT CORPORATION**  
1099 18th Street | Suite 2300  
Denver, CO 80202  
D 303.312.8172 | F 303.291.0420  
[vlangmacher@billbarrettcorp.com](mailto:vlangmacher@billbarrettcorp.com)  
[www.billbarrettcorp.com](http://www.billbarrettcorp.com)



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AUG 04 2011

DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Triple A  
Submitted By Venessa Langmach Phone Number 303-312-8172  
Well Name/Number 14-8D-36 BTR  
Qtr/Qtr SESW Section 8 Township 3S Range 6W  
Lease Serial Number 2OG0005608  
API Number 43-013-50612 See Surface

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

Date/Time 08/07/2011 08:00 AM  PM

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

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

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AUG 04 2011  
DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM  PM

BOPE

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

Date/Time \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_  
\_\_\_\_\_

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43013506120000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/7/2011  <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 type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>This sundry is being submitted to notify that this well was spud on 08/07/2011 at 8:00 am by Triple A Drilling.</p> <p style="text-align: right;"><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/9/2011

**Carol Daniels - 14-8D-36 BTR Notice of Spud**

---

43 013 50612 35 6W 8

**From:** Venessa Langmacher  
**To:** "caroldaniels@utah.gov" , "dennisingram@utah.gov" , "ut\_vn\_opreport@blm.gov" ,  
"carey\_doyle@blm.gov" , "leallenb@utetribe.com"  
**Date:** 8/4/2011 3:10 PM  
**Subject:** 14-8D-36 BTR Notice of Spud  
**CC:** Brent Murphy , Tracey Fallang  
**Attachments:** Brent Murphy , Tracey Fallang

---

All:

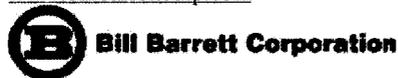
Bill Barrett Corporation intends to spud the above referenced well with Triple A on Sunday, August 7<sup>th</sup>, at 8:00 am.

Please contact Brent Murphy with questions at 303-312-8144.

Thanks,

*Venessa Langmacher*  
Senior Permit Analyst

**BILL BARRETT CORPORATION**  
1099 18th Street | Suite 2300  
Denver, CO 80202  
D 303.312.8172 | F 303.291.0420  
[vlangmacher@billbarrettcorp.com](mailto:vlangmacher@billbarrettcorp.com)  
[www.billbarrettcorp.com](http://www.billbarrettcorp.com)



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AUG 04 2011

DIV. OF OIL, GAS & MINING

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
4301350612	14-8D-36 BTR		SESW	8	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18163	8/7/2011		8/18/11		
<b>Comments:</b> Spudding Operation was conducted by Triple A Drilling @ 8:00 am. <i>GR-WS</i> <i>BHL = SESW</i>							

**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		
<b>Comments:</b>							

**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		
<b>Comments:</b>							

**ACTION CODES:**

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

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

8/9/2011

Title

Date

**RECEIVED**

**AUG 09 2011**

(5/2000)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43013506120000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/5/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" 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.		
BBC hereby requests approval to set the surface casing deeper at 3500' as opposed to the 3000' that was previously approved. This surface casing revision is requested in order to cover the lost circulation zone. Attached please find the revised cement calculations. All other information will remain the same as previously approved.		
		<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 08/31/2011 <b>By:</b> <u><i>Dark K. Quist</i></u>
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 8/29/2011



# Bill Barrett Corporation

## LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

2/28/2011

**Well Name:** 14-8D-36 BTR

### Surface Hole Data:

Total Depth:	3,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	1644.2	ft <sup>3</sup>
Lead Fill:	3,000'	
Tail Volume:	274.0	ft <sup>3</sup>
Tail Fill:	500'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	540
--------------	-----

Tail Yield:	1.36	ft <sup>3</sup> /sk
% Excess:	75%	
Top of Tail:	3,000'	

# SK's Tail:	210
--------------	-----

### Production Hole Data:

Total Depth:	11,434'
Top of Cement:	3,000'
Top of Tail:	7,800'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1818.7	ft <sup>3</sup>
Lead Fill:	4,800'	
Tail Volume:	1377.0	ft <sup>3</sup>
Tail Fill:	3,634'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	790
# SK's Tail:	980

<b>14-8D-36 BTR Proposed Cementing Program</b>
--

<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (3000' - 0')</b>	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft <sup>3</sup> /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: 3,000'
	Volume: 292.83 bbl
	<b>Proposed Sacks: 540 sks</b>
<b>Tail Cement - (TD - 3000')</b>	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft <sup>3</sup> /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 3,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	<b>Proposed Sacks: 210 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7800' - 3000')</b>	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft <sup>3</sup> /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 3,000'
	Calculated Fill: 4,800'
	Volume: 323.90 bbl
	<b>Proposed Sacks: 790 sks</b>
<b>Tail Cement - (11434' - 7800')</b>	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft <sup>3</sup> /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,800'
	Calculated Fill: 3,634'
	Volume: 245.24 bbl
	<b>Proposed Sacks: 980 sks</b>

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43013506120000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/31/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <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"/> 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	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
August 2011 Monthly Drilling Activity Report: well spud.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/6/2011	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
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<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR
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		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <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"/> 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	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
No September 2011 monthly drilling activity to report.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/5/2011

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P #273  
 Submitted By Howard Leeper Phone Number 281-833-2777  
 Well Name/Number #14-8D-36 BTR  
 Qtr/Qtr SE/SW Section 8 Township T3S Range R6W  
 Lease Serial Number 2OG0005608  
 API Number 43-013-50612

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

Date/Time 10/6/2011 04:30 AM  PM

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

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

**RECEIVED**  
 OCT 09 2011  
 DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM  PM

BOPE

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

Date/Time \_\_\_\_\_ AM  PM

Remarks Pre-spud notice. Will follow up with actual time of spud.

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43013506120000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U	<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2011	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER: <input type="text"/>
		<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
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
October 2011 monthly drilling activity report attached.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/3/2011	

**14-8D-36 BTR 10/1/2011 06:00 - 10/2/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	Received 10 loads of H&P rig 273. Set mud tanks, hopper, mud pumps and engines in place.

**14-8D-36 BTR 10/2/2011 06:00 - 10/3/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MIRU H&P Rig 273. Rig is 90% on location and 40% rigged up. Set and hook up man camps. Dig ditches.

**14-8D-36 BTR 10/3/2011 06:00 - 10/4/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MIRU H&P Rig 273. Finish building and installing derrick. Raise derrick. Continue rigging up floor and mud tanks. String lines and hoses.

**14-8D-36 BTR 10/4/2011 06:00 - 10/5/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	15.00	21:00	1	RIGUP & TEARDOWN	Continue rigging up H&P #273. Install hand rails, run hydraulic lines, electrical lines, hoses and cables. Conduct ongoing minor repair work with H&P welder. Build 16" conductor with contract welder. Unload tubulars, downhole rental tools and directional tools. Unload bulk barite hopper and pre-mix tank.

**14-8D-36 BTR 10/5/2011 06:00 - 10/6/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	1	RIGUP & TEARDOWN	Function test mud pumps and all centrifugal pumps, Pressure test mud pumps and lines, Install safety gratings and cellar covers, Conduct rig inspection and accept rig on Day Work at 17:00 hrs 10/5/2011.
17:00	5.00	22:00	1	RIGUP & TEARDOWN	Install conductor and hook up flow line. Adjust H&P flow line to line up with conductor outlet.
22:00	5.00	03:00	5	COND MUD & CIRC	Rig up pre-mix tank and string electrical lines. Power up and function test. Mix spud mud and install shaker screens on shakers and mud cleaner.
03:00	3.00	06:00	6	TRIPS	Sort and set DC's on racks. Tally and P/U DC's, racking back in derrick.

**14-8D-36 BTR 10/6/2011 06:00 - 10/7/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	6	TRIPS	Pick up and stand back 9 x 6-1/2" OD drill collars.
07:00	5.00	12:00	6	TRIPS	Make up Steerable BHA #1. Tag bottom at 104' KBM. Pick up 1 joint of 4-1/2" OD HWDP.
12:00	3.00	15:00	2	DRILL ACTUAL	Rotary drilled 104' to 183'. (79' @ 26.3 FPH, WOB 10k, RPM 20, GPM 300)
15:00	0.50	15:30	7	LUBRICATE RIG	Rig service.
15:30	1.00	16:30	6	TRIPS	Pick up 2 x 8" Drill collars.
16:30	13.50	06:00	2	DRILL ACTUAL	Steerable drilled 104' to 1075'. (971' @ 59 FPH, 15k WOB, 40 RPM, 4k TQ, 600 GPM, Slid 24' or 1.2%)

**14-8D-36 BTR 10/7/2011 06:00 - 10/8/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	2	DRILL ACTUAL	Steerable drill 1075' to 1550'. (475' @ 53 FPH, WOB 25k, RPM 45, GPM 600, PP 1100/1500, 100% rotary mode)	
15:00	0.50	15:30	7	LUBRICATE RIG	Rig service.	
15:30	0.50	16:00	2	DRILL ACTUAL	Steerable drill 1550' to 1562'. (12' @ 24 FPH, WOB 25k, RPM 45, GPM 600, PP 1100/1500, 100% Rotary Mode) Lost 200 bbl mud at 1550'.	
16:00	0.50	16:30	8	REPAIR RIG	Rig repair. AI engines and generators shut down due to fuel supply problem.	
16:30	2.00	18:30	2	DRILL ACTUAL	Steerable drill 1562' to 1645'. (83' @ 42 FPH, WOB 25k, RPM 45, GPM 600, PP 1100/1500, 100% Rotary Mode)	
18:30	1.00	19:30	5	COND MUD & CIRC	Lost 400 bbl mud, mix LCM and transfer mud.	
19:30	1.50	21:00	2	DRILL ACTUAL	Steerable drill 1645' to 1703'. (58' @ 39 FPH, WOB 30k, RPM 50, GPM 600, PP 1100/1500, 100% Rotary Mode)	
21:00	7.50	04:30	5	COND MUD & CIRC	Lost 100% returns (600 bbl), Mix and pump 100 bbl 60 vis mud with 40% LCM concentration. Spot pill and pull up 6 stands (570'). Break circulation above LCM pill. Circulate and build volume.	
04:30	0.50	05:00	6	TRIPS	TIH slowly. Break circulation and wash down 1645' to 1703'.	
05:00	1.00	06:00	2	DRILL ACTUAL	Steerable drill 1703' to 1741'. (38' @ 38 FPH, WOB 20k, RPM 55, GPM 425, PP 850/1130, 100% Rotate)	

**14-8D-36 BTR 10/8/2011 06:00 - 10/9/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.00	14:00	2	DRILL ACTUAL	Steerable drill 1741' to 2027'. (286' @ 36 FPH, WOB 25k, RPM 55, GPM 518, PP 1650/1325, Slide 14' or 5%) Carry 20% LCM in system with shakers by-passed.	
14:00	0.50	14:30	7	LUBRICATE RIG	Rig service.	
14:30	3.50	18:00	2	DRILL ACTUAL	Steerable drill 2027' to 2112'. (85' @ 24.3 FPH, WOB 28k, RPM 55, GPM 518, PP 1650/1325, 100% rotary mode) Carry 20% LCM in system with shakers by-passed.	
18:00	1.50	19:30	5	COND MUD & CIRC	Lost 100% returns at 2112'. Pump at 90 GPM and mix LCM. Mix 100 bbl LCM pill containing 50% LCM. (sawdust, EcoFiber, ChemSeal, and K-Seal Super Blend)	
19:30	0.50	20:00	5	COND MUD & CIRC	Pump and displace 100 bbl LCM pill.	
20:00	0.50	20:30	6	TRIPS	TOOH 6 stands to 1551'.	
20:30	3.50	00:00	5	COND MUD & CIRC	Build volume and mix LCM in active system. Allow LCM pill to "soak".	
00:00	0.50	00:30	5	COND MUD & CIRC	Pump mud from active system at 20 SPM (90 GPM) to attempt to establish returns.	
00:30	1.00	01:30	5	COND MUD & CIRC	Clear pumps of LCM. Plugged both pumps with LCM.	
01:30	2.00	03:30	5	COND MUD & CIRC	Pump 335 bbl mud (20% LCM) from active system at 30 SPM (135 GPM) w/o establishing circulation.	
03:30	2.50	06:00	6	TRIPS	TOOH with BHA #1.	

**14-8D-36 BTR 10/9/2011 06:00 - 10/10/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	6	TRIPS	TOOH to directional tools.	
07:00	1.50	08:30	6	TRIPS	Download MWD data and check batteries (MWD tool badly washed around stabilizer fins, motor plugged with LCM), break bit, clean reamers, rack back BHA.	
08:30	2.00	10:30	5	COND MUD & CIRC	Build volume and mix chemicals/LCM.	
10:30	3.00	13:30	6	TRIPS	Pick up 33 jts of 4-1/2" DP, TIH to 2083'.	
13:30	0.50	14:00	5	COND MUD & CIRC	Dump 5 gal Polyswell down DP and begin pumping LCM pill. Drill string plugged off.	
14:00	1.00	15:00	6	TRIPS	TOOH 6 stands and lay down plugged joint. TIH to 2083'.	
15:00	1.00	16:00	5	COND MUD & CIRC	Spot 100 bbl 60 vis mud with 75% LCM on bottom. Add Polyswell in suction while pumping pill. Overdisplace LCM pill by 30%.	
16:00	0.50	16:30	6	TRIPS	TOOH 7 stands.	
16:30	2.50	19:00	5	COND MUD & CIRC	Wait to let LCM pill work. Rotate and move string from 1611' to 1517'.	
19:00	0.50	19:30	5	COND MUD & CIRC	Break circulation slowly. Took 27 bbl to fill hole. Circulate at 50 SPM (225 GPM) with no losses.	
19:30	0.50	20:00	7	LUBRICATE RIG	Rig service.	
20:00	0.50	20:30	6	TRIPS	TOOH with open ended DP.	
20:30	3.50	00:00	6	TRIPS	Lay down mud motor and MWD gap sub.	
00:00	3.50	03:30	21	OPEN	Wait on directional tools from Great White.	
03:30	2.50	06:00	6	TRIPS	Make up BHA #2.	

**14-8D-36 BTR 10/10/2011 06:00 - 10/11/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	6	TRIPS	TIH with DC's and HWDP to 614'. Tag obstruction.	
08:00	3.50	11:30	3	REAMING	Wash and ream 5614' to 2112'. Easy reaming but can not run stands.	
11:30	0.50	12:00	2	DRILL ACTUAL	Drill 2112' to 2120'. Lost returns.	
12:00	0.50	12:30	5	COND MUD & CIRC	Pump at 90 GPM while mixing 50% LCM pill. Active system contains 20% LCM.	
12:30	1.00	13:30	5	COND MUD & CIRC	Pump and overdisplace 100 bbl of 50 vis mud with 53% LCM.	
13:30	0.50	14:00	6	TRIPS	TOOH 7 stands of drill pipe.	
14:00	1.50	15:30	5	COND MUD & CIRC	Wait 2 hours (includes 1/2 hr to pull pipe) to allow LCM to soak and expand.	
15:30	0.50	16:00	5	COND MUD & CIRC	Pump 84 bbl 40 vis mud with 20% LCM to establish circulation. No circulation.	
16:00	2.50	18:30	5	COND MUD & CIRC	Mix 100 bbl 35 vis mud with no LCM in slug tank. Increase LCM concentration in active system to 30%.	
18:30	0.50	19:00	5	COND MUD & CIRC	Pump 100 bbl 35 vis mud to clear drill pipe of LCM.	
19:00	2.00	21:00	6	TRIPS	TOOH to lay down MWD and NMDC.	
21:00	2.00	23:00	6	TRIPS	Lay down MWD and NMDC. Reconfigure BHA.	
23:00	1.00	00:00	6	TRIPS	TIH with BHA #3.	
00:00	1.50	01:30	2	DRILL ACTUAL	Rotary drill 2120' to 2149'. (29' @ 19 FPH, WOB 18k, RPM 50, GPM 400, PP 1200/900) Regained intermittent returns at 2123'	
01:30	1.00	02:30	5	COND MUD & CIRC	Pump at 30 SPM (135 GPM) while reconfiguring reserve pit pump and building volume.	
02:30	3.50	06:00	2	DRILL ACTUAL	Rotary drill (with motor) 2149' to 2249'. (29 FPH, WOB 25k, RPM 60, GPM 400, PP 1200/900) No fluid returns since 2154'.	

**14-8D-36 BTR 10/11/2011 06:00 - 10/12/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Rotary drill (with motor) 2249' to 2569'. (320' @ 32 FPH, WOB 20k, RPM 60, GPM 400, PP 1000/800, TQ 2k/7k) Drilling with 100% losses.	
16:00	0.50	16:30	7	LUBRICATE RIG	Rig service.	
16:30	13.50	06:00	2	DRILL ACTUAL	Rotary drill (with motor) 2569' to 2890'. (321' @ 23.8 FPH, WOB 20k, RPM 60, GPM 400, PP 1000/800, TQ 3k/10k) Drilling with 100% losses.	

**14-8D-36 BTR 10/12/2011 06:00 - 10/13/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Rotary drill (with motor, no MWD) 2890' to 3137'. (247' @ 23.5 FPH, WOB 12k to 20k, RPM 60 to 70, GPM 400, PP 1000/700) No returns.	
16:30	0.50	17:00	7	LUBRICATE RIG	Rig service.	
17:00	13.00	06:00	2	DRILL ACTUAL	Rotary drill (with motor, no MWD) 3137' to 3466'. (329' @ 25.3 FPH, WOB 12k to 20k, RPM 60 to 70, GPM 400, PP 1000/700) No returns.	

**14-8D-36 BTR 10/13/2011 06:00 - 10/14/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	7.50	13:30	2	DRILL ACTUAL	Rotary drill (with motor, no MWD) 3466' to 3590'. (124' @ 16.5 FPH, WOB 15k to 25k, RPM 60, GPM 400, PP 1000/700)	
13:30	1.00	14:30	5	COND MUD & CIRC	Pump 50 bbl hi-vis sweep and displace with 630 bbl 35 vis, 8.5 ppg mud.	
14:30	5.50	20:00	6	TRIPS	TOOH to 16" conductor shoe. Work and ream tight hole from 2100' to 2303'. TOOH free from TD to 2303' and 2100' to surface.	
20:00	2.00	22:00	6	TRIPS	TIH free to 2212'. Tag obstruction at 2212'.	
22:00	1.00	23:00	3	REAMING	Wash and ream 2212' to 2329'. TIH free to bottom.	
23:00	1.50	00:30	5	COND MUD & CIRC	Pump 50 bbl hi-vis followed by 630 bbl 35 vis, 8.5 ppg mud.	
00:30	1.00	01:30	6	TRIPS	TOOH free to 1990'.	
01:30	0.50	02:00	6	TRIPS	TIH free to bottom.	
02:00	1.50	03:30	5	COND MUD & CIRC	Pump 50 bbl hi-vis sweep followed by 630 bbl 35 vis, 8.5 ppg mud.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
03:30	1.50	05:00	6	TRIPS	TOOH free to BHA.
05:00	1.00	06:00	6	TRIPS	Rack back 4-1/2" HWDP and 6-1/2" DC's, Lay down 8" tools.

**14-8D-36 BTR 10/14/2011 06:00 - 10/15/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	L/D 8" tools.
08:30	2.50	11:00	12	RUN CASING & CEMENT	Conduct pre-job safety meeting covering rig up casing running tools and running 9-5/8" casing. Rig up Frank's Westates to run 9-5/8" casing.
11:00	5.00	16:00	12	RUN CASING & CEMENT	Run 37 jts of 9-5/8" casing to 1563'. Install swage and pump volume of casing. No returns.
16:00	0.50	16:30	12	RUN CASING & CEMENT	Pick up Weatherford ECP and Davis-Lynch DV Tool.
16:30	2.50	19:00	12	RUN CASING & CEMENT	Run 47 jts 9-5/8" casing to 3579' KBM.
19:00	2.50	21:30	12	RUN CASING & CEMENT	Rig down casing crew, change bales, rig up Halliburton to cement.
21:30	0.50	22:00	12	RUN CASING & CEMENT	Conduct pre-job safety meeting regarding final rig up of Halliburton and the cement jobs.
22:00	1.50	23:30	12	RUN CASING & CEMENT	Pump 1st stage cement job.
23:30	0.50	00:00	12	RUN CASING & CEMENT	Attempt to set Weatherford ECP. Packer dressed with 1650 psi shear pins. Pressured up in stages to 1600 psi and sheared pins. Cycle pressure from 1600 psi to 1200 psi through 3 cycles and injected +/- 6 bbl into packer element. Element leaking, close ports at 950 psi.
00:00	0.50	00:30	12	RUN CASING & CEMENT	Drop DV tool opening plug, wait 10 minutes, pressure up and open DV tool ports.
00:30	1.00	01:30	12	RUN CASING & CEMENT	Pump 237 bbl at 7.5 BPM with no returns to surface.
01:30	0.50	02:00	12	RUN CASING & CEMENT	Fill cement water tank and swap lines from rig pump to cement pump.
02:00	2.00	04:00	12	RUN CASING & CEMENT	Pump 2nd stage cement job.
04:00	2.00	06:00	12	RUN CASING & CEMENT	Rig down Halliburton, WOC. Wait on Superflush.

**14-8D-36 BTR 10/15/2011 06:00 - 10/16/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	13	WAIT ON CEMENT	WOC and wait on Halliburton Super Flush.
09:30	1.50	11:00	18	SQUEEZE CEMENT	Pump Top Job down 1" pipe in the 16" x 9-5/8" annulus. One inch pipe shoe at 135' KBM. Pumped 200 sacks Class G neat cement at 15.8 ppg, 1.5 BPM and 200 PSI. No returns.
11:00	3.00	14:00	13	WAIT ON CEMENT	WOC
14:00	1.00	15:00	18	SQUEEZE CEMENT	Pump 200 sacks Class G neat cement at 15.8 PPG, 1.5 BPM down 1" pipe. No returns.
15:00	0.50	15:30	5	COND MUD & CIRC	Lay down 1" line pipe. Dump 5 gal Polyswell, 6 sacks Ecoseal, 5 gal Polyseal and 5 bbl Super Flush down the 16" x 9-5/8" annulus.
15:30	2.50	18:00	13	WAIT ON CEMENT	WOC. Wait on LCM to hydrate and swell.
18:00	0.50	18:30	18	SQUEEZE CEMENT	Run 6 jts 1" pipe down the 16" x 9-5/8" annulus, tag obstruction at 115'. Pump 120 sacks Class G neat with 2% CaCl at 15.8 PPG, 1.5 BPM. Noted cement returns to surface, shut down. Wash lines to reserve pit.
18:30	0.50	19:00	12	RUN CASING & CEMENT	Clear flowline and conductor of cement slurry.
19:00	3.00	22:00	13	WAIT ON CEMENT	WOC until surface sample set enough to ensure good support of the 9-5/8" casing at surface.
22:00	4.00	02:00	12	RUN CASING & CEMENT	Remove conductor riser, cut off 9-5/8" landing joint, install Cameron 11" 5M SOW wellhead. Pressure test welds on well head to 500 psi for 10 minutes.
02:00	0.50	02:30	14	NIPPLE UP B.O.P	Conduct pre-job safety meeting concerning N/U of BOPE.
02:30	3.50	06:00	14	NIPPLE UP B.O.P	Install 9'5" by 11" 5M Spacer Spool, 11" 5M Shaffer Double Gate BOP, and Shaffer 11" 5M Annular BOP.

**14-8D-36 BTR 10/16/2011 06:00 - 10/17/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	14	NIPPLE UP B.O.P	N/U BOPE. (New BOP system for this rig, changing from 10M system to 5M system)

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:00	4.00	20:00	15	TEST B.O.P	Pressure test Top Drive Valve, FOSV and Floor Valve to 5000 psi for 10 minutes. Choke line connections and HCR leaking badly on pipe ram/choke line test. Attempt to function test accumulator, annular control valve leaking.
20:00	6.00	02:00	8	REPAIR RIG	Wait on HCR valve from H&P in Grand Junction.
02:00	4.00	06:00	14	NIPPLE UP B.O.P	Replace HCR valve.

**14-8D-36 BTR 10/17/2011 06:00 - 10/18/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	15	TEST B.O.P	Press Test BOPE With A-1 Testing Inc.= Blind rams, Pipe Rams, Choke manifold, Kill & Choke line & Valves, HCR Valve, 5000 Psi / 10 Min, 250 Psi Low/ 5Min. Annular 2500 Psi /10 min, 250 Psi /5 min. PressTest 9-5/8" Surface Casing To 1500 Psi/ 30 min Held Steady. Witnessed By BLM Rep. Jake Birchell. Function Tested Accumulator, Recharged 1 N2 Bottle & Tested O.K.
08:30	1.00	09:30	21	OPEN	Install Wear Bushing
09:30	1.00	10:30	14	NIPPLE UP B.O.P	Reconfigure Flowline adapter spool for Rotating Head.
10:30	2.00	12:30	6	TRIPS	Make Up BHA & TIH To TOC @ 1967'
12:30	1.50	14:00	2	DRILL ACTUAL	Drill Cement & DV tool @ 1985'. Ream Thru DV Tool Twice.
14:00	0.50	14:30	21	OPEN	Press Test 9-5/8" Surface Csg. 1700 Psi/15 Min. Held O.K.
14:30	1.50	16:00	6	TRIPS	TIH To 3489', Install Rotating Head Element.
16:00	0.50	16:30	7	LUBRICATE RIG	Service Rig.
16:30	0.50	17:00	3	REAMING	Wash & Ream To Top of Float Collar @ 3538'.
17:00	1.00	18:00	2	DRILL ACTUAL	Drill Out Float Collar & Cmt To 3572'.
18:00	0.50	18:30	5	COND MUD & CIRC	Circ Hole Clean
18:30	0.50	19:00	21	OPEN	Press Test Csg, 1500 Psi F/ 30 Min. Lost 90 Psi.
19:00	2.00	21:00	2	DRILL ACTUAL	Drill Shoe & 20' of Formation f/ 3590'- 3610'.
21:00	0.50	21:30	5	COND MUD & CIRC	Circ Btms Up. Spot 90 Bbl 20% LCM on Btm.
21:30	0.50	22:00	21	OPEN	Perform F.I.T. to 10.5 ppg EMW- 392 Psi W/ 8.4 ppg Mud.
22:00	2.50	00:30	6	TRIPS	TOH F/ Direct'l Tools
00:30	2.50	03:00	20	DIRECTIONAL WORK	P/U Direct'l Tools
03:00	2.50	05:30	6	TRIPS	TIH,
05:30	0.50	06:00	5	COND MUD & CIRC	Install Rotating Head, Fill D.P. Break Circ.Tag Btm @ 3610'.

**14-8D-36 BTR 10/18/2011 06:00 - 10/19/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	Drilled 8-3/4" production hole f/ 3610' to 3941', 331' Surveying Every 30'. Note: Lost Circ @3692' Hole Took @ 200 bbl, Regained circ W/ 50 sx Lcm Pill. Slide @ 6' on Each Jt. For total of 43', of 331' Drilled. Slide = 30%, Rotate 70%.
17:30	0.50	18:00	7	LUBRICATE RIG	Service Rig - BOP Drill
18:00	12.00	06:00	2	DRILL ACTUAL	Drill Formation f/ 3941' to 4275', 334'. Sliding 4'- 8' per Jt. & Surveying Every 30'. avg ROP 44'/hr Rotary, 17'/hr Sliding. 64% Rotary, 35% Slide.

**14-8D-36 BTR 10/19/2011 06:00 - 10/20/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.50	18:30	2	DRILL ACTUAL	Drilled f/ 4275' to 4511', 236'. wob 12k, rpm 45, Gpm 405, SPP 1050 Psi, Avg Rotaing ROP 39/ hr. Slide wob 12k, Gpm 405, Motor Rpm 65, Avg ROP 11'/hr. Lossing @ 40 bbl Hr To Formation. Treating w/ Lcm @15% & Pills of 25%+.
18:30	0.50	19:00	7	LUBRICATE RIG	Service Rig
19:00	11.00	06:00	2	DRILL ACTUAL	Drilled f/ 4511' to 4650', 139', wob 16k, rpm 50, Gpm405, SPP 1000 Psi, Avg Rotating ROP 30'/hr. Slide wob 16k, gpm 405, Motor rpm 65, Avg ROP 11 ft /hr. Mud Losses @ 30 bbl/ hr. Slide 27%, Rotate 73%.

**14-8D-36 BTR 10/20/2011 06:00 - 10/21/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Drilled 8 3/4" Prod Hole F/ 4650' to 4661', Pump Walnut / Dap Slug to Evaluate for Bit Balling W/ Limited Success. Rop Dictates TOH.	
09:00	1.00	10:00	5	COND MUD & CIRC	Circ Out Sweep & Prep for Trip.	
10:00	1.50	11:30	6	TRIPS	TOH to 9 5/8" Csg Shoe. Hole Taking 50 Bbl On 11 Std Dp. Had To Pump Down DP To Get Returns.	
11:30	1.00	12:30	5	COND MUD & CIRC	Circ & Build Viscous 35% LCM pill,	
12:30	1.00	13:30	6	TRIPS	TIH, To Btm @ 4661'.	
13:30	2.00	15:30	5	COND MUD & CIRC	Circ To Clear Annulus, Spot 50 Bbl Of Heavy LCM Pill On Btm & Follow W/ 45 Visc Mud Inside DP.	
15:30	5.50	21:00	6	TRIPS	TOH W Bit #5, Good Hole Conds.	
21:00	2.00	23:00	6	TRIPS	Download MWD, Change out Motors= P/U Hunting 6.75" 7/8 lobe, 3.5 Stg, 1.5 Deg Fixed, M/U Bit #6. Function Blind Rams.	
23:00	2.50	01:30	6	TRIPS	TIH Filling DP Every 2000'.	
01:30	0.50	02:00	7	LUBRICATE RIG	Service Rig	
02:00	0.50	02:30	3	REAMING	Break Circ wash 51' to Btm @ 4661'.	
02:30	3.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 4661' To 4760' (99'), Gpm 450, SPP 1320 Psi On Btm, 1135 Psi Off Btm. Motor RPM 68, Rotary 55, Wob 15k, Avg Rop Rotating 69'/ hr, Slide Avg Rop 27'/ Hr. Rotating 84%, Slide 16%	

**14-8D-36 BTR 10/21/2011 06:00 - 10/22/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.50	15:30	2	DRILL ACTUAL	Steerable Drilling F/ 4760' to 4988' ( 228'), Rotating Wob 19k, Rpm 50, Gpm 450, SPP 1200 Psi, Avg ROP Rotating 81'/ Hr. Slide Wob 14k, Gpm 400, SPP 1325, Diff 120 Psi. Avg Rop Sliding 12'/ Hr. ( Dropping In Rotation Mode@ 1.5 Deg/ 100' ). Slide 10' Per Jt.To Control.	
15:30	0.50	16:00	7	LUBRICATE RIG	Service Rig	
16:00	14.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 4988' To 5330' ( 342') Wob 16k, Rpm 55, SPP 1050 Psi, Avg ROP Rotating 70'/ Hr. Slide Avg ROP 15'/Hr Rotate 70%, Slide 30% Currently Sliding 9'-14' Every Jt To Control Angle Drop.( Note: Dropping In Rotation Mode @ 2.5 Deg/ 100')'	

**14-8D-36 BTR 10/22/2011 06:00 - 10/23/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	2	DRILL ACTUAL	Steerable Drilled f/ 5330' to 5462' ( 162'). Wob 14k, Gpm 450, Rpm 45. SPP 1200 Psi. Avg Rop Rotating 63'/ Hr. Sliding 10'/ Hr.	
15:00	0.50	15:30	7	LUBRICATE RIG	Service Rig.	
15:30	14.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 5462' to 5694' (232' ) Wob 14k, Gpm 450, Motor Rpm 68, Avg Rop Rotating 53'/ Hr. Sliding 14'/ Hr. Rotate 55% Slide 45%. Note: Sliding 10'-15' Per Jt.	

**14-8D-36 BTR 10/23/2011 06:00 - 10/24/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Steerable Drill F/ 5692' to 5747' ( 55'), Wob 14k, Gpm 405, Motor Rpm 68, Rotary 50 Rpm, SPP 1330 Psi. Avg ROP Rotary 47'/ Hr. Avg Rop Sliding 7'/ Hr. Rotate 72%, Slide 28%	
10:30	0.50	11:00	7	LUBRICATE RIG	Service Rig	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:00	19.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 5747.0 To 6127', ( 380'). Wob14xk, Gpm 405, Rotary Rpm 45, Motor Rpm 68, Avg Rop Rotary 80'/ hr, Sliding 7'/ hr. Rotating 63%, Slide 37%.

**14-8D-36 BTR 10/24/2011 06:00 - 10/25/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	Steerable Drill F/ 6127' to 6216' (89'). Rotating Wob 22k, Gpm 453, Rpm 55, SPP 1600 Psi. Avg Rop Rotating 53.4'/ Hr. Slide Wob 22k, Gpm 453, SPP 1325 Psi, Avg Rop Sliding 6'/ Hr. Rotate 71%, Slide 29%
13:30	0.50	14:00	7	LUBRICATE RIG	Service Rig
14:00	16.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 6216' to 6539' ( 323'), Rotary Wob 22k, Gpm 453, Rpm 45, SPP 1150 Psi. Avg Rotating Rop 70'/ Hr. Slide Wob 22k, Gpm 453, SPP 1150 Psi, Avg Slide Rop 7'/ Hr. Rotate 73%, Slide 27%. Currently Sliding 7' Per Jt.

**14-8D-36 BTR 10/25/2011 06:00 - 10/26/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	2	DRILL ACTUAL	Steerable Drill f/ 6539' to 6599' ( 60') . Rotary Wob 22, Rpm55x, Gpm 425, SPP 1325 Psi, Avg Rop 58'/hr, Slide Wob 22k, Gpm 450, Spp 1150 Psi, Avg Rop Slide 6'/hr. Rotate 73%; Slide 27%.
11:00	0.50	11:30	7	LUBRICATE RIG	Service Rig,
11:30	18.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 6599' to 6866', ( 267'). Rotating Wob 22k, Gpm 450, SPP 1400 Psi, Avg Rop Rotating 51'/ hr. Slide Wob 14k, Gpm 405, 1200 Psi, Avg Rop Slide 6'/ hr. Rotate 41%, Slide 59%.

**14-8D-36 BTR 10/26/2011 06:00 - 10/27/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	Steerable Drill F/ 6866' to 6882' ( 16'),
09:00	10.00	19:00	6	TRIPS	Slug DP, TOH, Work Thru Tight Spot @ 4203'. Otherwise Good Hole Conds. ( Motor plugged w/ LCM, Pull Wet ).
19:00	2.50	21:30	6	TRIPS	Download MWD, Break & Lay Down BHA & Bit.
21:30	2.50	00:00	6	TRIPS	M/U Bit #7 (Standard Guage Smith Mi616 ) On Hunting 7/8 Lobe, 3.5 Stg, 1.5 Deg, .15 Rpg, Fixed Bent Housing Motor. 3 PT R/R. Load & test MWD. "Electronic Test Failed".
00:00	4.00	04:00	21	OPEN	Wait On MWD Equipment,, Change Out Actuator on Top Drive IBop While Waiting For Tool.
04:00	1.00	05:00	6	TRIPS	Load & Test MWD Electronics. O.K.
05:00	1.00	06:00	6	TRIPS	TIH W/ Bit #7

**14-8D-36 BTR 10/27/2011 06:00 - 10/28/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	6	TRIPS	TIH To 9 5/8" Csg Shoe @ 3600', Install Rotating Head Element. Filled DP At 2500'.
09:00	3.00	12:00	5	COND MUD & CIRC	Fill DP & Attempt To Break Circ. "No Returns", Spot Lcm Pill & Swab In Returns. Circulate.
12:00	3.50	15:30	6	TRIPS	TIH F/ 3600' To 6850'. ( Filled DP @ 5200').
15:30	1.00	16:30	5	COND MUD & CIRC	Fill DP Establish Circ , Loosing Mud Badly, Mix & Pump LCM Pill @ 30%, Returns Increase To Near Full.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:30	5.50	22:00	2	DRILL ACTUAL	Steerable Drill F/ 6882' To 6969' ( 87' ) Rotating Wob 16k, Gpm 453, Rpm 45, Motor Rpm 68, SPP 1500 Psi, Avg Rop Rotating 40'/ hr. Slide Wob 15k, Gpm 453, Avg Rop 9'/ hr. Rotate 65%, Slide 35%
22:00	0.50	22:30	7	LUBRICATE RIG	Service Rig
22:30	7.50	06:00	2	DRILL ACTUAL	Steerable Drill f/ 6969' to 7115' ( 146' ) Rotating Wob 16k, Gpm 453, Rotary 45, Motor 68 Rpm, SPP 1525 Psi, Rotating Avg Rop 81'/ hr. Slide Avg Rop 12'/ Hr Slide Wob 16k, Gpm 453, Rotate 66%, Slide 34% Note: Will Start Dropping Back To Vertical @ 7250'.

**14-8D-36 BTR 10/28/2011 06:00 - 10/29/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	Steerable Drill F/ 7115' to 7162' ( 47' ), Rotating Wob 22k, Rpm45, Gpm 453, SPP 1700 Psi, Avg Rop Rotating 54'/ Hr. Slide Wob 18k, Rotate 69%, Slide 31%
08:00	0.50	08:30	7	LUBRICATE RIG	Service Rig.
08:30	0.50	09:00	8	REPAIR RIG	Rig Repair. Work On Top Drive; Change Out Grabber Dies & Re- route Hyd Hoses.
09:00	21.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 7162' To 7545' ( 383' ) Rotating Wob 24k, Rpm 45, Motor Rpm 68, Gpm 453,SPP 1700 Psi, Avg Rop Rotating 62' / hr. Slide Wob 12k, Gpm 453, Avg Rop 9' / hr. Rotate 73%, Slide 27%.

**14-8D-36 BTR 10/29/2011 06:00 - 10/30/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	Steerable Drill F/ 7545' to 7636' ( 91' ), Rotating Wob 22k, Rpm 45, Gpm 453, Motor Rpm 68, SPP 1625 Psi. Avg Rop Rotating 35' / Hr. Slide Wob 16k, Avg Rop 15'/ hr. Rotate 60%, Slide 40%.
12:00	0.50	12:30	7	LUBRICATE RIG	Service Rig.
12:30	9.00	21:30	2	DRILL ACTUAL	Steerable Drill F/ 7636' to 7888' ( 252' ) Lost Circ While Drilling @ 7860' -7888. Spot 2, 30-35% LCM Pills While Reducing Pump Rate to Min For M/M 320 Gpm, & Still Loosing Mud, Approx 260 Bbl Lost.  Note:Drilled Thru Douglas Crk Sand. @ 7764' -7810' MD (56') W/O Loosing Mud, Then At 7860' Mud Loss Occurred.  Rotating Wob 22k, Rpm 45-50, Gpm 453, Motor Rpm 68, SPP 1650 Psi. Avg Rop 34'/Hr. Slide Wob 14k, Gpm 453, SPP 1200 Psi, Avg Rop 18'/ hr . Rotate 54%, Slide 46%.
21:30	8.50	06:00	21	OPEN	Mix Mud & Build Surface Volume. While Pumping 10 Spm (1 Bbl/ Min) To Keep Bit/ Motor Open. Drill String Plugged Off. Attempts To Unplug Unsuccessful.. Continue to Build Up Surface System, Prep To TOH w/ Plugged String.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43013506120000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2011	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER: <input type="text"/>
		<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
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
October 2011 monthly drilling activity report attached.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/3/2011

**14-8D-36 BTR 10/1/2011 06:00 - 10/2/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	Received 10 loads of H&P rig 273. Set mud tanks, hopper, mud pumps and engines in place.

**14-8D-36 BTR 10/2/2011 06:00 - 10/3/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MIRU H&P Rig 273. Rig is 90% on location and 40% rigged up. Set and hook up man camps. Dig ditches.

**14-8D-36 BTR 10/3/2011 06:00 - 10/4/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MIRU H&P Rig 273. Finish building and installing derrick. Raise derrick. Continue rigging up floor and mud tanks. String lines and hoses.

**14-8D-36 BTR 10/4/2011 06:00 - 10/5/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	15.00	21:00	1	RIGUP & TEARDOWN	Continue rigging up H&P #273. Install hand rails, run hydraulic lines, electrical lines, hoses and cables. Conduct ongoing minor repair work with H&P welder. Build 16" conductor with contract welder. Unload tubulars, downhole rental tools and directional tools. Unload bulk barite hopper and pre-mix tank.

**14-8D-36 BTR 10/5/2011 06:00 - 10/6/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	1	RIGUP & TEARDOWN	Function test mud pumps and all centrifugal pumps, Pressure test mud pumps and lines, Install safety gratings and cellar covers, Conduct rig inspection and accept rig on Day Work at 17:00 hrs 10/5/2011.
17:00	5.00	22:00	1	RIGUP & TEARDOWN	Install conductor and hook up flow line. Adjust H&P flow line to line up with conductor outlet.
22:00	5.00	03:00	5	COND MUD & CIRC	Rig up pre-mix tank and string electrical lines. Power up and function test. Mix spud mud and install shaker screens on shakers and mud cleaner.
03:00	3.00	06:00	6	TRIPS	Sort and set DC's on racks. Tally and P/U DC's, racking back in derrick.

**14-8D-36 BTR 10/6/2011 06:00 - 10/7/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	6	TRIPS	Pick up and stand back 9 x 6-1/2" OD drill collars.
07:00	5.00	12:00	6	TRIPS	Make up Steerable BHA #1. Tag bottom at 104' KBM. Pick up 1 joint of 4-1/2" OD HWDP.
12:00	3.00	15:00	2	DRILL ACTUAL	Rotary drilled 104' to 183'. (79' @ 26.3 FPH, WOB 10k, RPM 20, GPM 300)
15:00	0.50	15:30	7	LUBRICATE RIG	Rig service.
15:30	1.00	16:30	6	TRIPS	Pick up 2 x 8" Drill collars.
16:30	13.50	06:00	2	DRILL ACTUAL	Steerable drilled 104' to 1075'. (971' @ 59 FPH, 15k WOB, 40 RPM, 4k TQ, 600 GPM, Slid 24' or 1.2%)

**14-8D-36 BTR 10/7/2011 06:00 - 10/8/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	2	DRILL ACTUAL	Steerable drill 1075' to 1550'. (475' @ 53 FPH, WOB 25k, RPM 45, GPM 600, PP 1100/1500, 100% rotary mode)	
15:00	0.50	15:30	7	LUBRICATE RIG	Rig service.	
15:30	0.50	16:00	2	DRILL ACTUAL	Steerable drill 1550' to 1562'. (12' @ 24 FPH, WOB 25k, RPM 45, GPM 600, PP 1100/1500, 100% Rotary Mode) Lost 200 bbl mud at 1550'.	
16:00	0.50	16:30	8	REPAIR RIG	Rig repair. AI engines and generators shut down due to fuel supply problem.	
16:30	2.00	18:30	2	DRILL ACTUAL	Steerable drill 1562' to 1645'. (83' @ 42 FPH, WOB 25k, RPM 45, GPM 600, PP 1100/1500, 100% Rotary Mode)	
18:30	1.00	19:30	5	COND MUD & CIRC	Lost 400 bbl mud, mix LCM and transfer mud.	
19:30	1.50	21:00	2	DRILL ACTUAL	Steerable drill 1645' to 1703'. (58' @ 39 FPH, WOB 30k, RPM 50, GPM 600, PP 1100/1500, 100% Rotary Mode)	
21:00	7.50	04:30	5	COND MUD & CIRC	Lost 100% returns (600 bbl), Mix and pump 100 bbl 60 vis mud with 40% LCM concentration. Spot pill and pull up 6 stands (570'). Break circulation above LCM pill. Circulate and build volume.	
04:30	0.50	05:00	6	TRIPS	TIH slowly. Break circulation and wash down 1645' to 1703'.	
05:00	1.00	06:00	2	DRILL ACTUAL	Steerable drill 1703' to 1741'. (38' @ 38 FPH, WOB 20k, RPM 55, GPM 425, PP 850/1130, 100% Rotate)	

**14-8D-36 BTR 10/8/2011 06:00 - 10/9/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.00	14:00	2	DRILL ACTUAL	Steerable drill 1741' to 2027'. (286' @ 36 FPH, WOB 25k, RPM 55, GPM 518, PP 1650/1325, Slide 14' or 5%) Carry 20% LCM in system with shakers by-passed.	
14:00	0.50	14:30	7	LUBRICATE RIG	Rig service.	
14:30	3.50	18:00	2	DRILL ACTUAL	Steerable drill 2027' to 2112'. (85' @ 24.3 FPH, WOB 28k, RPM 55, GPM 518, PP 1650/1325, 100% rotary mode) Carry 20% LCM in system with shakers by-passed.	
18:00	1.50	19:30	5	COND MUD & CIRC	Lost 100% returns at 2112'. Pump at 90 GPM and mix LCM. Mix 100 bbl LCM pill containing 50% LCM. (sawdust, EcoFiber, ChemSeal, and K-Seal Super Blend)	
19:30	0.50	20:00	5	COND MUD & CIRC	Pump and displace 100 bbl LCM pill.	
20:00	0.50	20:30	6	TRIPS	TOOH 6 stands to 1551'.	
20:30	3.50	00:00	5	COND MUD & CIRC	Build volume and mix LCM in active system. Allow LCM pill to "soak".	
00:00	0.50	00:30	5	COND MUD & CIRC	Pump mud from active system at 20 SPM (90 GPM) to attempt to establish returns.	
00:30	1.00	01:30	5	COND MUD & CIRC	Clear pumps of LCM. Plugged both pumps with LCM.	
01:30	2.00	03:30	5	COND MUD & CIRC	Pump 335 bbl mud (20% LCM) from active system at 30 SPM (135 GPM) w/o establishing circulation.	
03:30	2.50	06:00	6	TRIPS	TOOH with BHA #1.	

**14-8D-36 BTR 10/9/2011 06:00 - 10/10/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	6	TRIPS	TOOH to directional tools.	
07:00	1.50	08:30	6	TRIPS	Download MWD data and check batteries (MWD tool badly washed around stabilizer fins, motor plugged with LCM), break bit, clean reamers, rack back BHA.	
08:30	2.00	10:30	5	COND MUD & CIRC	Build volume and mix chemicals/LCM.	
10:30	3.00	13:30	6	TRIPS	Pick up 33 jts of 4-1/2" DP, TIH to 2083'.	
13:30	0.50	14:00	5	COND MUD & CIRC	Dump 5 gal Polyswell down DP and begin pumping LCM pill. Drill string plugged off.	
14:00	1.00	15:00	6	TRIPS	TOOH 6 stands and lay down plugged joint. TIH to 2083'.	
15:00	1.00	16:00	5	COND MUD & CIRC	Spot 100 bbl 60 vis mud with 75% LCM on bottom. Add Polyswell in suction while pumping pill. Overdisplace LCM pill by 30%.	
16:00	0.50	16:30	6	TRIPS	TOOH 7 stands.	
16:30	2.50	19:00	5	COND MUD & CIRC	Wait to let LCM pill work. Rotate and move string from 1611' to 1517'.	
19:00	0.50	19:30	5	COND MUD & CIRC	Break circulation slowly. Took 27 bbl to fill hole. Circulate at 50 SPM (225 GPM) with no losses.	
19:30	0.50	20:00	7	LUBRICATE RIG	Rig service.	
20:00	0.50	20:30	6	TRIPS	TOOH with open ended DP.	
20:30	3.50	00:00	6	TRIPS	Lay down mud motor and MWD gap sub.	
00:00	3.50	03:30	21	OPEN	Wait on directional tools from Great White.	
03:30	2.50	06:00	6	TRIPS	Make up BHA #2.	

**14-8D-36 BTR 10/10/2011 06:00 - 10/11/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	6	TRIPS	TIH with DC's and HWDP to 614'. Tag obstruction.	
08:00	3.50	11:30	3	REAMING	Wash and ream 5614' to 2112'. Easy reaming but can not run stands.	
11:30	0.50	12:00	2	DRILL ACTUAL	Drill 2112' to 2120'. Lost returns.	
12:00	0.50	12:30	5	COND MUD & CIRC	Pump at 90 GPM while mixing 50% LCM pill. Active system contains 20% LCM.	
12:30	1.00	13:30	5	COND MUD & CIRC	Pump and overdisplace 100 bbl of 50 vis mud with 53% LCM.	
13:30	0.50	14:00	6	TRIPS	TOOH 7 stands of drill pipe.	
14:00	1.50	15:30	5	COND MUD & CIRC	Wait 2 hours (includes 1/2 hr to pull pipe) to allow LCM to soak and expand.	
15:30	0.50	16:00	5	COND MUD & CIRC	Pump 84 bbl 40 vis mud with 20% LCM to establish circulation. No circulation.	
16:00	2.50	18:30	5	COND MUD & CIRC	Mix 100 bbl 35 vis mud with no LCM in slug tank. Increase LCM concentration in active system to 30%.	
18:30	0.50	19:00	5	COND MUD & CIRC	Pump 100 bbl 35 vis mud to clear drill pipe of LCM.	
19:00	2.00	21:00	6	TRIPS	TOOH to lay down MWD and NMDC.	
21:00	2.00	23:00	6	TRIPS	Lay down MWD and NMDC. Reconfigure BHA.	
23:00	1.00	00:00	6	TRIPS	TIH with BHA #3.	
00:00	1.50	01:30	2	DRILL ACTUAL	Rotary drill 2120' to 2149'. (29' @ 19 FPH, WOB 18k, RPM 50, GPM 400, PP 1200/900) Regained intermittent returns at 2123'	
01:30	1.00	02:30	5	COND MUD & CIRC	Pump at 30 SPM (135 GPM) while reconfiguring reserve pit pump and building volume.	
02:30	3.50	06:00	2	DRILL ACTUAL	Rotary drill (with motor) 2149' to 2249'. (29 FPH, WOB 25k, RPM 60, GPM 400, PP 1200/900) No fluid returns since 2154'.	

**14-8D-36 BTR 10/11/2011 06:00 - 10/12/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Rotary drill (with motor) 2249' to 2569'. (320' @ 32 FPH, WOB 20k, RPM 60, GPM 400, PP 1000/800, TQ 2k/7k) Drilling with 100% losses.	
16:00	0.50	16:30	7	LUBRICATE RIG	Rig service.	
16:30	13.50	06:00	2	DRILL ACTUAL	Rotary drill (with motor) 2569' to 2890'. (321' @ 23.8 FPH, WOB 20k, RPM 60, GPM 400, PP 1000/800, TQ 3k/10k) Drilling with 100% losses.	

**14-8D-36 BTR 10/12/2011 06:00 - 10/13/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Rotary drill (with motor, no MWD) 2890' to 3137'. (247' @ 23.5 FPH, WOB 12k to 20k, RPM 60 to 70, GPM 400, PP 1000/700) No returns.	
16:30	0.50	17:00	7	LUBRICATE RIG	Rig service.	
17:00	13.00	06:00	2	DRILL ACTUAL	Rotary drill (with motor, no MWD) 3137' to 3466'. (329' @ 25.3 FPH, WOB 12k to 20k, RPM 60 to 70, GPM 400, PP 1000/700) No returns.	

**14-8D-36 BTR 10/13/2011 06:00 - 10/14/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	7.50	13:30	2	DRILL ACTUAL	Rotary drill (with motor, no MWD) 3466' to 3590'. (124' @ 16.5 FPH, WOB 15k to 25k, RPM 60, GPM 400, PP 1000/700)	
13:30	1.00	14:30	5	COND MUD & CIRC	Pump 50 bbl hi-vis sweep and displace with 630 bbl 35 vis, 8.5 ppg mud.	
14:30	5.50	20:00	6	TRIPS	TOOH to 16" conductor shoe. Work and ream tight hole from 2100' to 2303'. TOOH free from TD to 2303' and 2100' to surface.	
20:00	2.00	22:00	6	TRIPS	TIH free to 2212'. Tag obstruction at 2212'.	
22:00	1.00	23:00	3	REAMING	Wash and ream 2212' to 2329'. TIH free to bottom.	
23:00	1.50	00:30	5	COND MUD & CIRC	Pump 50 bbl hi-vis followed by 630 bbl 35 vis, 8.5 ppg mud.	
00:30	1.00	01:30	6	TRIPS	TOOH free to 1990'.	
01:30	0.50	02:00	6	TRIPS	TIH free to bottom.	
02:00	1.50	03:30	5	COND MUD & CIRC	Pump 50 bbl hi-vis sweep followed by 630 bbl 35 vis, 8.5 ppg mud.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
03:30	1.50	05:00	6	TRIPS	TOOH free to BHA.
05:00	1.00	06:00	6	TRIPS	Rack back 4-1/2" HWDP and 6-1/2" DC's, Lay down 8" tools.

**14-8D-36 BTR 10/14/2011 06:00 - 10/15/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	L/D 8" tools.
08:30	2.50	11:00	12	RUN CASING & CEMENT	Conduct pre-job safety meeting covering rig up casing running tools and running 9-5/8" casing. Rig up Frank's Westates to run 9-5/8" casing.
11:00	5.00	16:00	12	RUN CASING & CEMENT	Run 37 jts of 9-5/8" casing to 1563'. Install swage and pump volume of casing. No returns.
16:00	0.50	16:30	12	RUN CASING & CEMENT	Pick up Weatherford ECP and Davis-Lynch DV Tool.
16:30	2.50	19:00	12	RUN CASING & CEMENT	Run 47 jts 9-5/8" casing to 3579' KBM.
19:00	2.50	21:30	12	RUN CASING & CEMENT	Rig down casing crew, change bales, rig up Halliburton to cement.
21:30	0.50	22:00	12	RUN CASING & CEMENT	Conduct pre-job safety meeting regarding final rig up of Halliburton and the cement jobs.
22:00	1.50	23:30	12	RUN CASING & CEMENT	Pump 1st stage cement job.
23:30	0.50	00:00	12	RUN CASING & CEMENT	Attempt to set Weatherford ECP. Packer dressed with 1650 psi shear pins. Pressured up in stages to 1600 psi and sheared pins. Cycle pressure from 1600 psi to 1200 psi through 3 cycles and injected +/- 6 bbl into packer element. Element leaking, close ports at 950 psi.
00:00	0.50	00:30	12	RUN CASING & CEMENT	Drop DV tool opening plug, wait 10 minutes, pressure up and open DV tool ports.
00:30	1.00	01:30	12	RUN CASING & CEMENT	Pump 237 bbl at 7.5 BPM with no returns to surface.
01:30	0.50	02:00	12	RUN CASING & CEMENT	Fill cement water tank and swap lines from rig pump to cement pump.
02:00	2.00	04:00	12	RUN CASING & CEMENT	Pump 2nd stage cement job.
04:00	2.00	06:00	12	RUN CASING & CEMENT	Rig down Halliburton, WOC. Wait on Superflush.

**14-8D-36 BTR 10/15/2011 06:00 - 10/16/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	13	WAIT ON CEMENT	WOC and wait on Halliburton Super Flush.
09:30	1.50	11:00	18	SQUEEZE CEMENT	Pump Top Job down 1" pipe in the 16" x 9-5/8" annulus. One inch pipe shoe at 135' KBM. Pumped 200 sacks Class G neat cement at 15.8 ppg, 1.5 BPM and 200 PSI. No returns.
11:00	3.00	14:00	13	WAIT ON CEMENT	WOC
14:00	1.00	15:00	18	SQUEEZE CEMENT	Pump 200 sacks Class G neat cement at 15.8 PPG, 1.5 BPM down 1" pipe. No returns.
15:00	0.50	15:30	5	COND MUD & CIRC	Lay down 1" line pipe. Dump 5 gal Polyswell, 6 sacks Ecoseal, 5 gal Polyseal and 5 bbl Super Flush down the 16" x 9-5/8" annulus.
15:30	2.50	18:00	13	WAIT ON CEMENT	WOC. Wait on LCM to hydrate and swell.
18:00	0.50	18:30	18	SQUEEZE CEMENT	Run 6 jts 1" pipe down the 16" x 9-5/8" annulus, tag obstruction at 115'. Pump 120 sacks Class G neat with 2% CaCl at 15.8 PPG, 1.5 BPM. Noted cement returns to surface, shut down. Wash lines to reserve pit.
18:30	0.50	19:00	12	RUN CASING & CEMENT	Clear flowline and conductor of cement slurry.
19:00	3.00	22:00	13	WAIT ON CEMENT	WOC until surface sample set enough to ensure good support of the 9-5/8" casing at surface.
22:00	4.00	02:00	12	RUN CASING & CEMENT	Remove conductor riser, cut off 9-5/8" landing joint, install Cameron 11" 5M SOW wellhead. Pressure test welds on well head to 500 psi for 10 minutes.
02:00	0.50	02:30	14	NIPPLE UP B.O.P	Conduct pre-job safety meeting concerning N/U of BOPE.
02:30	3.50	06:00	14	NIPPLE UP B.O.P	Install 9'5" by 11" 5M Spacer Spool, 11" 5M Shaffer Double Gate BOP, and Shaffer 11" 5M Annular BOP.

**14-8D-36 BTR 10/16/2011 06:00 - 10/17/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	14	NIPPLE UP B.O.P	N/U BOPE. (New BOP system for this rig, changing from 10M system to 5M system)

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:00	4.00	20:00	15	TEST B.O.P	Pressure test Top Drive Valve, FOSV and Floor Valve to 5000 psi for 10 minutes. Choke line connections and HCR leaking badly on pipe ram/choke line test. Attempt to function test accumulator, annular control valve leaking.
20:00	6.00	02:00	8	REPAIR RIG	Wait on HCR valve from H&P in Grand Junction.
02:00	4.00	06:00	14	NIPPLE UP B.O.P	Replace HCR valve.

**14-8D-36 BTR 10/17/2011 06:00 - 10/18/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	15	TEST B.O.P	Press Test BOPE With A-1 Testing Inc.= Blind rams, Pipe Rams, Choke manifold, Kill & Choke line & Valves, HCR Valve, 5000 Psi / 10 Min, 250 Psi Low/ 5Min. Annular 2500 Psi /10 min, 250 Psi /5 min. PressTest 9-5/8" Surface Casing To 1500 Psi/ 30 min Held Steady. Witnessed By BLM Rep. Jake Birchell. Function Tested Accumulator, Recharged 1 N2 Bottle & Tested O.K.
08:30	1.00	09:30	21	OPEN	Install Wear Bushing
09:30	1.00	10:30	14	NIPPLE UP B.O.P	Reconfigure Flowline adapter spool for Rotating Head.
10:30	2.00	12:30	6	TRIPS	Make Up BHA & TIH To TOC @ 1967'
12:30	1.50	14:00	2	DRILL ACTUAL	Drill Cement & DV tool @ 1985'. Ream Thru DV Tool Twice.
14:00	0.50	14:30	21	OPEN	Press Test 9-5/8" Surface Csg. 1700 Psi/15 Min. Held O.K.
14:30	1.50	16:00	6	TRIPS	TIH To 3489', Install Rotating Head Element.
16:00	0.50	16:30	7	LUBRICATE RIG	Service Rig.
16:30	0.50	17:00	3	REAMING	Wash & Ream To Top of Float Collar @ 3538'.
17:00	1.00	18:00	2	DRILL ACTUAL	Drill Out Float Collar & Cmt To 3572'.
18:00	0.50	18:30	5	COND MUD & CIRC	Circ Hole Clean
18:30	0.50	19:00	21	OPEN	Press Test Csg, 1500 Psi F/ 30 Min. Lost 90 Psi.
19:00	2.00	21:00	2	DRILL ACTUAL	Drill Shoe & 20' of Formation f/ 3590'- 3610'.
21:00	0.50	21:30	5	COND MUD & CIRC	Circ Btms Up. Spot 90 Bbl 20% LCM on Btm.
21:30	0.50	22:00	21	OPEN	Perform F.I.T. to 10.5 ppg EMW- 392 Psi W/ 8.4 ppg Mud.
22:00	2.50	00:30	6	TRIPS	TOH F/ Direct'l Tools
00:30	2.50	03:00	20	DIRECTIONAL WORK	P/U Direct'l Tools
03:00	2.50	05:30	6	TRIPS	TIH,
05:30	0.50	06:00	5	COND MUD & CIRC	Install Rotating Head, Fill D.P. Break Circ.Tag Btm @ 3610'.

**14-8D-36 BTR 10/18/2011 06:00 - 10/19/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	Drilled 8-3/4" production hole f/ 3610' to 3941', 331' Surveying Every 30'. Note: Lost Circ @3692' Hole Took @ 200 bbl, Regained circ W/ 50 sx Lcm Pill. Slide @ 6' on Each Jt. For total of 43', of 331' Drilled. Slide = 30%, Rotate 70%.
17:30	0.50	18:00	7	LUBRICATE RIG	Service Rig - BOP Drill
18:00	12.00	06:00	2	DRILL ACTUAL	Drill Formation f/ 3941' to 4275', 334'. Sliding 4'- 8' per Jt. & Surveying Every 30'. avg ROP 44'/hr Rotary, 17'/hr Sliding. 64% Rotary, 35% Slide.

**14-8D-36 BTR 10/19/2011 06:00 - 10/20/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.50	18:30	2	DRILL ACTUAL	Drilled f/ 4275' to 4511', 236'. wob 12k, rpm 45, Gpm 405, SPP 1050 Psi, Avg Rotaing ROP 39/ hr. Slide wob 12k, Gpm 405, Motor Rpm 65, Avg ROP 11'/hr. Lossing @ 40 bbl Hr To Formation. Treating w/ Lcm @15% & Pills of 25%+.
18:30	0.50	19:00	7	LUBRICATE RIG	Service Rig
19:00	11.00	06:00	2	DRILL ACTUAL	Drilled f/ 4511' to 4650', 139', wob 16k, rpm 50, Gpm405, SPP 1000 Psi, Avg Rotating ROP 30'/hr. Slide wob 16k, gpm 405, Motor rpm 65, Avg ROP 11 ft /hr. Mud Losses @ 30 bbl/ hr. Slide 27%, Rotate 73%.

**14-8D-36 BTR 10/20/2011 06:00 - 10/21/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Drilled 8 3/4" Prod Hole F/ 4650' to 4661', Pump Walnut / Dap Slug to Evaluate for Bit Balling W/ Limited Success. Rop Dictates TOH.	
09:00	1.00	10:00	5	COND MUD & CIRC	Circ Out Sweep & Prep for Trip.	
10:00	1.50	11:30	6	TRIPS	TOH to 9 5/8" Csg Shoe. Hole Taking 50 Bbl On 11 Std Dp. Had To Pump Down DP To Get Returns.	
11:30	1.00	12:30	5	COND MUD & CIRC	Circ & Build Viscous 35% LCM pill,	
12:30	1.00	13:30	6	TRIPS	TIH, To Btm @ 4661'.	
13:30	2.00	15:30	5	COND MUD & CIRC	Circ To Clear Annulus, Spot 50 Bbl Of Heavy LCM Pill On Btm & Follow W/ 45 Visc Mud Inside DP.	
15:30	5.50	21:00	6	TRIPS	TOH W Bit #5, Good Hole Conds.	
21:00	2.00	23:00	6	TRIPS	Download MWD, Change out Motors= P/U Hunting 6.75" 7/8 lobe, 3.5 Stg, 1.5 Deg Fixed, M/U Bit #6. Function Blind Rams.	
23:00	2.50	01:30	6	TRIPS	TIH Filling DP Every 2000'.	
01:30	0.50	02:00	7	LUBRICATE RIG	Service Rig	
02:00	0.50	02:30	3	REAMING	Break Circ wash 51' to Btm @ 4661'.	
02:30	3.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 4661' To 4760' (99'), Gpm 450, SPP 1320 Psi On Btm, 1135 Psi Off Btm. Motor RPM 68, Rotary 55, Wob 15k, Avg Rop Rotating 69'/ hr, Slide Avg Rop 27'/ Hr. Rotating 84%, Slide 16%	

**14-8D-36 BTR 10/21/2011 06:00 - 10/22/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.50	15:30	2	DRILL ACTUAL	Steerable Drilling F/ 4760' to 4988' ( 228'), Rotating Wob 19k, Rpm 50, Gpm 450, SPP 1200 Psi, Avg ROP Rotating 81'/ Hr. Slide Wob 14k, Gpm 400, SPP 1325, Diff 120 Psi. Avg Rop Sliding 12'/ Hr. ( Dropping In Rotation Mode@ 1.5 Deg/ 100' ). Slide 10' Per Jt.To Control.	
15:30	0.50	16:00	7	LUBRICATE RIG	Service Rig	
16:00	14.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 4988' To 5330' ( 342') Wob 16k, Rpm 55, SPP 1050 Psi, Avg ROP Rotating 70'/ Hr. Slide Avg ROP 15'/Hr Rotate 70%, Slide 30% Currently Sliding 9'-14' Every Jt To Control Angle Drop.( Note: Dropping In Rotation Mode @ 2.5 Deg/ 100')'	

**14-8D-36 BTR 10/22/2011 06:00 - 10/23/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	2	DRILL ACTUAL	Steerable Drilled f/ 5330' to 5462' ( 162'). Wob 14k, Gpm 450, Rpm 45. SPP 1200 Psi. Avg Rop Rotating 63'/ Hr. Sliding 10'/ Hr.	
15:00	0.50	15:30	7	LUBRICATE RIG	Service Rig.	
15:30	14.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 5462' to 5694' (232' ) Wob 14k, Gpm 450, Motor Rpm 68, Avg Rop Rotating 53'/ Hr. Sliding 14'/ Hr. Rotate 55% Slide 45%. Note: Sliding 10'-15' Per Jt.	

**14-8D-36 BTR 10/23/2011 06:00 - 10/24/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 8,109.0	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	Steerable Drill F/ 5692' to 5747' ( 55'), Wob 14k, Gpm 405, Motor Rpm 68, Rotary 50 Rpm, SPP 1330 Psi. Avg ROP Rotary 47'/ Hr. Avg Rop Sliding 7'/ Hr. Rotate 72%, Slide 28%	
10:30	0.50	11:00	7	LUBRICATE RIG	Service Rig	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:00	19.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 5747.0 To 6127', ( 380'). Wob14xk, Gpm 405, Rotary Rpm 45, Motor Rpm 68, Avg Rop Rotary 80'/ hr, Sliding 7'/ hr. Rotating 63%, Slide 37%.

**14-8D-36 BTR 10/24/2011 06:00 - 10/25/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	Steerable Drill F/ 6127' to 6216' (89'). Rotating Wob 22k, Gpm 453, Rpm 55, SPP 1600 Psi. Avg Rop Rotating 53.4'/ Hr. Slide Wob 22k, Gpm 453, SPP 1325 Psi, Avg Rop Sliding 6'/ Hr. Rotate 71%, Slide 29%
13:30	0.50	14:00	7	LUBRICATE RIG	Service Rig
14:00	16.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 6216' to 6539' ( 323'), Rotary Wob 22k, Gpm 453, Rpm 45, SPP 1150 Psi. Avg Rotating Rop 70'/ Hr. Slide Wob 22k, Gpm 453, SPP 1150 Psi, Avg Slide Rop 7'/ Hr. Rotate 73%, Slide 27%. Currently Sliding 7' Per Jt.

**14-8D-36 BTR 10/25/2011 06:00 - 10/26/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	2	DRILL ACTUAL	Steerable Drill f/ 6539' to 6599' ( 60') . Rotary Wob 22, Rpm55x, Gpm 425, SPP 1325 Psi, Avg Rop 58'/hr, Slide Wob 22k, Gpm 450, Spp 1150 Psi, Avg Rop Slide 6'/hr. Rotate 73%; Slide 27%.
11:00	0.50	11:30	7	LUBRICATE RIG	Service Rig,
11:30	18.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 6599' to 6866', ( 267'). Rotating Wob 22k, Gpm 450, SPP 1400 Psi, Avg Rop Rotating 51'/ hr. Slide Wob 14k, Gpm 405, 1200 Psi, Avg Rop Slide 6'/ hr. Rotate 41%, Slide 59%.

**14-8D-36 BTR 10/26/2011 06:00 - 10/27/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	Steerable Drill F/ 6866' to 6882' ( 16'),
09:00	10.00	19:00	6	TRIPS	Slug DP, TOH, Work Thru Tight Spot @ 4203'. Otherwise Good Hole Conds. ( Motor plugged w/ LCM, Pull Wet ).
19:00	2.50	21:30	6	TRIPS	Download MWD, Break & Lay Down BHA & Bit.
21:30	2.50	00:00	6	TRIPS	M/U Bit #7 (Standard Guage Smith Mi616 ) On Hunting 7/8 Lobe, 3.5 Stg, 1.5 Deg, .15 Rpg, Fixed Bent Housing Motor. 3 PT R/R. Load & test MWD. "Electronic Test Failed".
00:00	4.00	04:00	21	OPEN	Wait On MWD Equipment,, Change Out Actuator on Top Drive IBop While Waiting For Tool.
04:00	1.00	05:00	6	TRIPS	Load & Test MWD Electronics. O.K.
05:00	1.00	06:00	6	TRIPS	TIH W/ Bit #7

**14-8D-36 BTR 10/27/2011 06:00 - 10/28/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	6	TRIPS	TIH To 9 5/8" Csg Shoe @ 3600', Install Rotating Head Element. Filled DP At 2500'.
09:00	3.00	12:00	5	COND MUD & CIRC	Fill DP & Attempt To Break Circ. "No Returns", Spot Lcm Pill & Swab In Returns. Circulate.
12:00	3.50	15:30	6	TRIPS	TIH F/ 3600' To 6850'. ( Filled DP @ 5200').
15:30	1.00	16:30	5	COND MUD & CIRC	Fill DP Establish Circ , Loosing Mud Badly, Mix & Pump LCM Pill @ 30%, Returns Increase To Near Full.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:30	5.50	22:00	2	DRILL ACTUAL	Steerable Drill F/ 6882' To 6969' ( 87' ) Rotating Wob 16k, Gpm 453, Rpm 45, Motor Rpm 68, SPP 1500 Psi, Avg Rop Rotating 40/ hr. Slide Wob 15k, Gpm 453, Avg Rop 9/ hr. Rotate 65%, Slide 35%
22:00	0.50	22:30	7	LUBRICATE RIG	Service Rig
22:30	7.50	06:00	2	DRILL ACTUAL	Steerable Drill f/ 6969' to 7115' ( 146' ) Rotating Wob 16k, Gpm 453, Rotary 45, Motor 68 Rpm, SPP 1525 Psi, Rotating Avg Rop 81'/ hr. Slide Avg Rop 12'/ Hr Slide Wob 16k, Gpm 453, Rotate 66%, Slide 34% Note: Will Start Dropping Back To Vertical @ 7250'.

**14-8D-36 BTR 10/28/2011 06:00 - 10/29/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	Steerable Drill F/ 7115' to 7162' ( 47' ), Rotating Wob 22k, Rpm45, Gpm 453, SPP 1700 Psi, Avg Rop Rotating 54'/ Hr. Slide Wob 18k, Rotate 69%, Slide 31%
08:00	0.50	08:30	7	LUBRICATE RIG	Service Rig.
08:30	0.50	09:00	8	REPAIR RIG	Rig Repair. Work On Top Drive; Change Out Grabber Dies & Re- route Hyd Hoses.
09:00	21.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 7162' To 7545' ( 383' ) Rotating Wob 24k, Rpm 45, Motor Rpm 68, Gpm 453,SPP 1700 Psi, Avg Rop Rotating 62' / hr. Slide Wob 12k, Gpm 453, Avg Rop 9' / hr. Rotate 73%, Slide 27%.

**14-8D-36 BTR 10/29/2011 06:00 - 10/30/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	DRILLING	8,109.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	Steerable Drill F/ 7545' to 7636' ( 91' ), Rotating Wob 22k, Rpm 45, Gpm 453, Motor Rpm 68, SPP 1625 Psi. Avg Rop Rotating 35' / Hr. Slide Wob 16k, Avg Rop 15'/ hr. Rotate 60%, Slide 40%.
12:00	0.50	12:30	7	LUBRICATE RIG	Service Rig.
12:30	9.00	21:30	2	DRILL ACTUAL	Steerable Drill F/ 7636' to 7888' ( 252' ) Lost Circ While Drilling @ 7860' -7888. Spot 2, 30-35% LCM Pills While Reducing Pump Rate to Min For M/M 320 Gpm, & Still Loosing Mud, Approx 260 Bbl Lost.  Note:Drilled Thru Douglas Crk Sand. @ 7764' -7810' MD (56') W/O Loosing Mud, Then At 7860' Mud Loss Occurred.  Rotating Wob 22k, Rpm 45-50, Gpm 453, Motor Rpm 68, SPP 1650 Psi. Avg Rop 34'/Hr. Slide Wob 14k, Gpm 453, SPP 1200 Psi, Avg Rop 18'/ hr . Rotate 54%, Slide 46%.
21:30	8.50	06:00	21	OPEN	Mix Mud & Build Surface Volume. While Pumping 10 Spm (1 Bbl/ Min) To Keep Bit/ Motor Open. Drill String Plugged Off. Attempts To Unplug Unsuccessful.. Continue to Build Up Surface System, Prep To TOH w/ Plugged String.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43013506120000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/30/2011	<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 type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
November 2011 Monthly Drilling Report attached.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/5/2011

**14-8D-36 BTR 11/1/2011 06:00 - 11/2/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	2	DRILL ACTUAL	Steerable drilled 7919' to 8045'. (126' @ 31.5 FPH, WOB 22k, RPM 80/60, GPM 382, Slide 0%)
10:00	1.00	11:00	20	DIRECTIONAL WORK	Trouble shoot MWD. Confirm downhole MWD failure.
11:00	0.50	11:30	5	COND MUD & CIRC	Displace DP with clean 9.2 ppg mud. Pump 20 bbl weighted slug.
11:30	7.00	18:30	6	TRIPS	TOOH to 811' for failed MWD. Tight at 4290' to 4200' and 3940' to 3900'. Work through tight spots until free.
18:30	0.50	19:00	21	OPEN	Remove rotating head pack-off and guard.
19:00	1.00	20:00	6	TRIPS	TOOH 811' to surface.
20:00	1.50	21:30	6	TRIPS	Check bit and motor, replace MWD gap sub and reprogram tool.
21:30	2.00	23:30	6	TRIPS	TIH with BHA #10 to 3554'.
23:30	1.00	00:30	9	CUT OFF DRILL LINE	Slip and cut 96' of drilling line.
00:30	1.00	01:30	5	COND MUD & CIRC	Fill pipe and break circulation w/clean drilling fluid. Benchmark new MWD tool.
01:30	2.50	04:00	6	TRIPS	TIH from 3554' to 8014'. Work through tight spot at 4430'.
04:00	0.50	04:30	5	COND MUD & CIRC	Fill pipe and break circulation. Wash and ream 8014' to 8045'. No apparent fill. Take survey.
04:30	1.50	06:00	2	DRILL ACTUAL	Steerable drill 8045' to 8109'. (64' @ 42.7 FPH, WOB 18k, RPM 60/50, GPM 340, TQ 3k/7.5k, Slide 0%)

**14-8D-36 BTR 11/2/2011 06:00 - 11/3/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	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 8109' to 8488'. (379' @ 36.1 FPH, WOB 20k, RPM 65/65, GPM 428, PP 1800, TQ 5k/9k, Slide 51' or 13.5%)
16:30	0.50	17:00	7	LUBRICATE RIG	Rig service.
17:00	13.00	06:00	2	DRILL ACTUAL	Steerable drill 8488' to 8985'. (497' @ 38.2 FPH, WOB 22k, RPM 65/65, GPM 450, PP 1800, TQ 5k/9.5k, Slide 44' or 9%)

**14-8D-36 BTR 11/3/2011 06:00 - 11/4/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	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	2	DRILL ACTUAL	Steerable drill 8985' to 9341'. (356' @ 32.3 FPH, WOB 22k, RPM 65/65, GPM 340, PP 1400, Slid 12' or 3%)
17:00	0.50	17:30	7	LUBRICATE RIG	Rig service.
17:30	12.50	06:00	2	DRILL ACTUAL	Steerable drill 9341' to 9700' ( 359' ) @ 29/ Hr. 100% Rotate Mode, Wob 24k, Rpm 70 Rotary, Motor 55, Gpm 385, SPP 1650 Psi.

**14-8D-36 BTR 11/4/2011 06:00 - 11/5/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	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	2	DRILL ACTUAL	Steerable Drill F/ 9700' To 10003' ( 303' ) Rotating Rop 27.5' / Hr. Wob 24k, Rotary 70 Rpm, Gpm 405, Motor Rpm 60, SPP 1800 Psi.
17:00	0.50	17:30	7	LUBRICATE RIG	Service Rig Clean Sand Trap
17:30	12.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 10003' To 10288' ( 285' ) Slide f/ 10004' To 10014' (10') & 10194' to 10206 (12' ) Wob 30k, Gpm 424, Motor Rpm 65, Avg Rop 25/hr Rotate 89%, Slide 11%

**14-8D-36 BTR 11/5/2011 06:00 - 11/6/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	11.50	17:30	2	DRILL ACTUAL	Steerable Drill F/ 10288' to 10573' ( 285' ) @ 25'/ Hr. Rotating Wob 24k, Rpm 70, Gpm 450, Motor 68 Rpm. SPP 2200 Psi. Slide F/ 10488' to 10512' ( 24' ) Wob 30k, Gpm 450, SPP 2100 Psi. Slide 7%, Rotate 93%.	
17:30	0.50	18:00	7	LUBRICATE RIG	Service Rig	
18:00	12.00	06:00	2	DRILL ACTUAL	Steerable Drill F/ 10573' To 10858' ( 285' ) @ 24'/ Hr. Wob 24k, Rpm 65-70, Gpm 450, SPP 2100 Psi, Rotate 100%. Note; Add 1 Hour For Time Change From Daylight Savings Time To MST.	

**14-8D-36 BTR 11/6/2011 06:00 - 11/7/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	2	DRILL ACTUAL	Steerable Drilling F/ 10858' To 11048' ( 190' ) Rotating Wob 24k, Rpm 65-70, Gpm 450-495, SPP 2200 - 2450 Psi, Avg Rop 24"/Hr. Slide F/ 10863'- 10883' (20') & 11048'- 11070' ( 22' ) Rotate 78% Slide 22%	
15:00	0.50	15:30	7	LUBRICATE RIG	Service Rig	
15:30	14.50	06:00	2	DRILL ACTUAL	Steerable Drill F/ 11048' To 11363' ( 315' ) Rotating Wob 24k, Rpm 70, Motor Rpm 74, Gpm 495, SPP 2450 Psi, Avg Rop 22'/ Hr. Rotate 100%. 24 Hr Rotate 96% Slide 4%	

**14-8D-36 BTR 11/7/2011 06:00 - 11/8/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	6.00	12:00	2	DRILL ACTUAL	Steerable Drill F/ 11363' to 11470' MTD ( 107' ) @ 18'/ Hr. Rotate Mode, Wob 24k, Rpm 70, Gpm 495, Motor Rpm 74, SPP 2450 Psi. 100% Rotate.	
12:00	1.50	13:30	5	COND MUD & CIRC	Sweep Hole, Circ Out, Flush Drill String W/ Clean Mud & Pump Barite Slug.	
13:30	6.00	19:30	6	TRIPS	TOH To 9-5/8" Csg Shoe. @ 3579'	
19:30	1.00	20:30	5	COND MUD & CIRC	Circ Barite Slug Out Of Wellbore. ( Pumped For Dry Job Prior To Trip ).	
20:30	4.50	01:00	6	TRIPS	TIH F/ 3579' To 11440' , Fill Dp @ 6078', 8397' & 10795'.	
01:00	0.50	01:30	3	REAMING	Fill Dp & Wash & Ream 11440' to 11470', ( 30' ).	
01:30	2.50	04:00	5	COND MUD & CIRC	Circ & Cond, Flush Dp W/ Clean Mud, Slug Dp.	
04:00	2.00	06:00	6	TRIPS	TOH For E-Logs.( Halliburton Wireline ).	

**14-8D-36 BTR 11/8/2011 06:00 - 11/9/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	6.00	12:00	6	TRIPS	TOH ( SLM ) For E-Logs. SLM + 11474. No Correction Made.	
12:00	2.00	14:00	6	TRIPS	Lay Down & Load Out All Directional Tools	
14:00	0.50	14:30	7	LUBRICATE RIG	Service Rig	
14:30	2.50	17:00	11	WIRELINE LOGS	Held Pre-Job Safety Mtg. Rig Up Halliburton Wireline Logging Equip & Tools.	
17:00	6.50	23:30	11	WIRELINE LOGS	RIH w/ " Quad Combo " To 3500', Tools Failed, POH Trouble Shoot & RIH to 2500' Tools Failed,POH. Reconfigure & M/U Back up Tools.	
23:30	4.50	04:00	11	WIRELINE LOGS	RIH w/ Backup Tool Configuration - Logged Well f/ 11,424' ( Wireline TD ), " Swapped Out " Induction Tool ACRF, For DLLT/MSFL . GR To Surface.	
04:00	1.00	05:00	11	WIRELINE LOGS	Rig Down Halliburton Wireline.	
05:00	1.00	06:00	6	TRIPS	Make Up Clean-Out BHA, RR Tri-cone Bit, 1 DC, 3Pt. 8 DCs, 15 HWDP. TIH	

**14-8D-36 BTR 11/9/2011 06:00 - 11/10/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	6	TRIPS	TIH W/ Clean-Out Assy To 1330'.	
07:00	0.50	07:30	7	LUBRICATE RIG	Service Rig; Repair Hydraulic Line On SC-80.	
07:30	1.50	09:00	6	TRIPS	TIH To 9 5/8" Csg Shoe @ 3579'. Fill Dp @ 1883'.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:00	1.00	10:00	5	COND MUD & CIRC	Break Cir & Circ Out To Remove Barite Slug From Wellbore, Pumped For Dry Job Prior to TOH F/ Logs.
10:00	5.00	15:00	6	TRIPS	TIH, Fill & Break Circ Every 25 Stds. Getting Dp Displacement Returns On Each Std.
15:00	0.50	15:30	3	REAMING	Wash & Ream 90' To Btm, With Full Returns. After Approx 30 min Time Lost Total Circ.
15:30	1.50	17:00	21	LOST CIRCULATION	Mix & Spot 35% LCM.
17:00	2.00	19:00	6	TRIPS	TOH 18 Stds To 9875'.
19:00	0.50	19:30	21	LOST CIRCULATION	Work Pipe & Try To Establish Circ. Pumping 35% LCM. Mud @ 9.3 PPG . Back side Will Fill.
19:30	1.50	21:00	6	TRIPS	TOH F/ 9875' To 7948'
21:00	0.50	21:30	21	LOST CIRCULATION	Work Pipe & Try To Establish Circ. No Success. Back side Full,
21:30	3.50	01:00	6	TRIPS	TOH To 9 5/8" Csg. Shoe @ 3579'
01:00	2.00	03:00	21	LOST CIRCULATION	Attempt To Establish Circulation, No Success Clean LCM From Mud Pumps, Etc.
03:00	3.00	06:00	21	LOST CIRCULATION	Pull Rotating Head To Visual Backside, Can not see Fluid Level. Pump From Trip Tank To Fill Annulus, Still No Visual. Mix Mud & Build Surface Mud Volume. Monitor Well & Periodical Fill on Backside.

**14-8D-36 BTR 11/10/2011 06:00 - 11/11/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	21	Lost Circulation	Mix Mud, Build Surface Volume. Fill Annulus Periodically, Take 2-3 Bbl to fill Every 1/2 Hr. Progress at This Point = Hole Will Stand Full On Backside.
09:00	1.00	10:00	21	Lost Circulation	Pump Down DP @ 3-5 Bpm & Swab In Returns.
10:00	2.00	12:00	5	COND MUD & CIRC	Regain Circ To 100%. Circ & Cond F/ 3579'.
12:00	4.00	16:00	21	LAY DOWN DRILL PIPE	Held pre-job Safety Mtg W/ All Personnel, Rig Up L/d Machine. Lay Down Contractors 4 1/2" Dp.
16:00	0.50	16:30	7	LUBRICATE RIG	Service Rig
16:30	1.50	18:00	22	LAY DOWN DRILL PIPE	Lay Down Drill Pipe HWDP & BHA.
18:00	2.00	20:00	12	RUN CASING & CEMENT	Pull Wear Bushing To Run Csg. Clean rig Floor & Work Area.
20:00	3.00	23:00	12	RUN CASING & CEMENT	Lay Out L/D Flag- R/U H&Ps "CRT" - Install Flag In Mousehole To P/U Csg.
23:00	7.00	06:00	12	RUN CASING & CEMENT	Held Pre-Job Safety Mtg; M/U Shoe Track & Circ Thru Same.- Run 5 1/2", 17#, P-110, LTC Casing. Approx 70 Jts Ran = 3000' At Report Time.

**14-8D-36 BTR 11/11/2011 06:00 - 11/12/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	12	RUN CASING & CEMENT	Run 5-1/2" 17.0#, P-110, LTC Production Csg. to 3477'.
07:30	1.00	08:30	5	COND MUD & CIRC	Install Davis Lynch DV Tool. Break Circ & Pump 50 Bbl Clean Mud.- Using Clean Mud @ 9.3 ppg To Fill Csg.
08:30	9.50	18:00	12	RUN CASING & CEMENT	Run A Total Of 230 Jts Of Csg.
18:00	2.00	20:00	19	FISHING	After Making Up Jt. # 230, w/ " CRT" And Pulling Floor Slips, CRT Dropped Casing String. The Single Joint Elevators Latched Around Csg Jt Went Thru The Rotary Along W/ Csg.
20:00	2.50	22:30	12	RUN CASING & CEMENT	Fill Hole & Monitor= Standing Full & Static. Held Pre-Job Safety Mtg, Rig Down L/D Machine & "CRT". Mobilized Cameron Wellhead Tech & Slaugh Fishing Tools & Operator.
22:30	5.00	03:30	19	FISHING	Monitor Well, Still Full & Static. Drain Bop Stack & Wash Bore W/ Water. Ran Video Camera In And Found Single Jt Elevators Landed At Well Head W/ A Casing Collar Inside Apparently Latched Up. Cameron Wellhead Tech. Pulled Lockdown Pin On Well Head & Inspected W/ A Bore Camera & Saw Damage. Consult W/ Engineering, Slaugh Fishing Tool Rep. & Cameron. Mobilized More Fishing Equip.
03:30	2.50	06:00	19	FISHING	4 Bolt Bop Stack, Flowline Etc. In Case We Have To P/U Stack To Remove Lodged Elevators. Make Up Fishing Tools= Casing Speer, Oil Jars, XO, 2 - 6 1/2" DCs.

**14-8D-36 BTR 11/12/2011 06:00 - 11/13/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	19	FISHING	M/U Csg Speer Assy- Speer & Retrieve Casing From Stack - Set Floor Slips.
08:30	1.00	09:30	19	FISHING	Release Speer & Lay Tools On Catwalk
09:30	2.00	11:30	22	MONITOR WELL	Change Out Elevators- Fill Annulus & Monitor Well. Hole Standing Full & Static.
11:30	2.00	13:30	19	FISHING	Retrieve Single Joint Elevators From Wellhead & Bop Stack. Laydown Top 2 Jts 5-1/2" Csg. Damaged Couplings. Also Damaged Tubes From SC-80 .
13:30	1.50	15:00	5	COND MUD & CIRC	Rig Up Circulating Swedge & Lines. ( Halliburton ) To Rig Equip. Fill Pipe & Break Circ @ 9689' .
15:00	0.50	15:30	7	LUBRICATE RIG	Service Rig
15:30	2.00	17:30	19	FISHING	P/U Fishing Tools From Catwalk & Break Down W/ Scorpion. Laydown & Load Out All Fishing Tools.
17:30	1.50	19:00	12	RUN CASING & CEMENT	Held Pre-Job Safety Mtg. R/U Franks Westates Csg Tools & P/U Machine.
19:00	0.50	19:30	23	BLOW ALL SURFACE LINES	Blow Down All Mud Surface Lines. Freeze Protection.
19:30	3.50	23:00	12	RUN CASING & CEMENT	Held Pre-Job Safety Mtg. Run 5-1/2", 17.0#, P-110, LTC Casing. Tag Btm @ 11470'.
23:00	1.00	00:00	12	RUN CASING & CEMENT	Rig Down Casing Running Tools & P/U Equipment.
00:00	1.00	01:00	12	RUN CASING & CEMENT	Rig Up Halliburton Cement Head Lines & Equipment.
01:00	1.00	02:00	5	COND MUD & CIRC	Circ Hole W/ Rig Pump 1.5 Times Casing Volume While Reciprocating. 400 BblW/ Limited Returns. Held Pre-job Safety Mtg w/ All Personnel.
02:00	2.50	04:30	12	RUN CASING & CEMENT	Swap Lines To Halliburton, Press Test Lines to 5000 Psi, Pump 1st Stage = 10 Bbl Water Ahead Of 600 sx, 13.5 ppg, 1.42 Yld, 1.42 Cubic Ft/ sack, Displace W 90 Bbl Water , 175 Bbl 9.3 ppg Mud. Bumped Plug W/ @ 265 bbl, 1730 Psi, 500 Over, Bled Back 2 Bbl - Floats Held. C.I.P. 04:00. Note: Reciprocated Csg During Job.
04:30	0.50	05:00	12	RUN CASING & CEMENT	Drop DV Opening Tool.
05:00	1.00	06:00	5	COND MUD & CIRC	Open- Tool w/ 1400 Psi, Circ Thru DV Tool. With Rig Pump - Between Stages. While WOC 4 Hrs. No Returns To Surface.

**14-8D-36 BTR 11/13/2011 06:00 - 11/14/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	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	13	WAIT ON CEMENT	Circ Thru DV Tool, WOC For 2nd Stage.
09:00	3.00	12:00	12	RUN CASING & CEMENT	Pre-Job Safety Mtg; Pump 2nd Stage Cement Job Thru DV tool @ 7985' = 5 Bbl Water 40 Bbl Super Flush & 5 Bbl Water Ahead Of 1105 sx ( 459 Bbl) Tuned Light Lead Cmt, Mixed At 11.0 ppg, 2.33 yld, 10.63 gal/ sk Water. Tail W/ 100 sx HalChem Mixed at 15.8 ppg, 1.5 yld, 4.96 gal/sk Water. Displace W/ 186 Bbl Water. Bumped Plug & Close DV Tool W/ 2815 Psi ( 1800 Psi Over ) . Bled Back 2.5 Bbl, Float Held. CIP @ 11:30 A.M. NOTE: No Returns To Surface At Anytime.
12:00	1.00	13:00	12	RUN CASING & CEMENT	Rig Down All Cement lines & Equipment.
13:00	0.50	13:30	22	MONITOR WELL	Fill Annulus W/ 1.8 Bbl 9.3 ppg Mud. Monitor well = Well Standing Full & Static.
13:30	1.00	14:30	14	NIPPLE DOWN B.O.P	Drain Stack & Wash Out For Cameron Tech.
14:30	7.50	22:00	14	NIPPLE DOWN B.O.P	Raise Bop Stack, Clean & Visual Wellhead Profile Via Cameron Field Rep.= Well Head Bore Damage Mainly At Base Of Taper Where Wear Bushing Would Seat. Minimal Damage To Casing Hanger Landing/ Sealing Area. Set Csg Hanger Slips W/ 192 k Weight= 30k Over 162 String Wt. Cameron & BBC Rep Witnessed. Cut-Off 5-1/2" Prod. Csg. & Remove Landing Jt. N/D BOPE, Install Night Cap Over Wellhead. N/D All BOPE.
22:00	3.50	01:30	23	SKID RIG OVER MOUSEHOLE	Skid Rig Where Rotary Table Centers Over Mousehole.
01:30	2.00	03:30	21	LD/DP	Change Bales & Elevators, R/U Laydown Machine ,
03:30	2.50	06:00	21	LD/DP	Run 1 Std at A Time From Derrick Into Mousehole & Laydown Same.

**14-8D-36 BTR 11/14/2011 06:00 - 11/15/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	22	LAY DOWN DRILL PIPE	Lay Down Contractors Drill Pipe. Rig Down Franks Westates L/D Machine. Note: All Mud Tanks Are Clean. Walk @ Inspect For Rig Release. RELEASED RIG FROM DAYWORK AT 13:30 Hr - 11/14/11.
13:30	16.50	06:00	1	RIGUP & TEARDOWN	Rig Down H&P #273

**14-8D-36 BTR 11/17/2011 06:00 - 11/18/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,470.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Bladed location and preparing to start setting production facilities.	

**14-8D-36 BTR 11/18/2011 06:00 - 11/19/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Finished cleaning location, hauled in JCB and road base.	

**14-8D-36 BTR 11/19/2011 06:00 - 11/20/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Cleaned cellar ring and mouse hole. Unthawed 11" night cap. bled off pressure. removed 11' night cap, dressed up 5.5" casing top, installed 11' x7 1/16" B-section, tested hanger seal and 5.5" casing seals. freeze protected well head, installed night cap. hauled in 20 BBC frac tanks.	

**14-8D-36 BTR 11/20/2011 06:00 - 11/21/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	

**14-8D-36 BTR 11/21/2011 06:00 - 11/22/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	GOP	General Operations	WSI. Contrsuction crew Set Treater	
15:00	0.50	15:30	SRIG	Rig Up/Down	MIRU w/o Rig	
15:30	0.50	16:00	GOP	General Operations	Unload Tbg.	
16:00	0.50	16:30	BOPI	Install BOP's	ND Night cap, NU BOP	
16:30	0.50	17:00	SRIG	Rig Up/Down	RU work floor & Tbg. Equip.	
17:00	1.00	18:00	RUTB	Run Tubing	PU 4 3/4" Bit, Bit sub & Tbg.	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	Secure well, SDFN.	

**14-8D-36 BTR 11/22/2011 06:00 - 11/23/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.	
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting	
07:30	2.00	09:30	RUTB	Run Tubing	Cont. PU Tbg., Tag @ 7950'	
09:30	0.50	10:00	SRIG	Rig Up/Down	RU Swivel	
10:00	3.00	13:00	CLN	Clean Out Hole	Establish Circ. w/ Rig pump, Reverse circulate @ 2.5 Bbls./min. Drill out from 7950' to 7992' thru DV collar. Circulate bottoms up.	
13:00	0.50	13:30	SRIG	Rig Up/Down	RD Power Swivel	
13:30	2.00	15:30	RUTB	Run Tubing	Cont. PU Tbg., Tag FC @ 11380	
15:30	2.50	18:00	CLN	Clean Out Hole	Circulate Clean.	
18:00	0.50	18:30	PULT	Pull Tubing	Lay down 20 Jts.	
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	Secure well, SDFN. Construction crews set tanks.	

**14-8D-36 BTR 11/23/2011 06:00 - 11/24/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting.
07:30	3.50	11:00	PULT	Pull Tubing	Cont. Lay down Tbg.
11:00	0.50	11:30	SRIG	Rig Up/Down	RD Tbg. equip. & work floor.
11:30	0.50	12:00	BOPR	Remove BOP's	ND BOP, NU Night cap.
12:00	1.00	13:00	SRIG	Rig Up/Down	RDMO w/o Rig. Move rig to the 12H-28-46 & RU.
13:00	17.00	06:00	LOCL	Lock Wellhead & Secure	WSI. Construction crews building production facility.

**14-8D-36 BTR 11/25/2011 06:00 - 11/26/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	WSI And Secured, Prod. Crews Working On Facilities, Finish Filling Frac Line With 3% KCL

**14-8D-36 BTR 11/26/2011 06:00 - 11/27/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	Well Shut In And Secured
08:00	6.00	14:00	LOGG	Logging	MIRU SLB WireLine Crew. Hold Safety Meeting. RIH With Gauge Ring, POOH. Pick-Up CBL Tool, RIH, Apply 500 Psi At TD(11355'). Ran Repeat Section Off Bottom, Cement Pretty Good From TD To 8480', Free Pipe To 7976'(DV Tool), Ok From There To 4550'(TOC). Logged To 3000'. Found SJ At 9132-9152' And 9905-9924'. RigDown And MOL SLB.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured, Prod. Crew Working On Facilities.

**14-8D-36 BTR 11/27/2011 06:00 - 11/28/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	GOP	General Operations	Well Capped, Waiting On Cameron For Frac Mandrel. MisCommunication On Their Part, Supposed To Be On Location At 0800, Did Not Show Up Until 1030. Set Storage And Open Tops, Built Berms Around Both.
10:30	2.50	13:00	IWHD	Install Wellhead	Set Frac Mandrel, Test Upper And Lower Seals, Set Frac Tree, Test Casing To 8250 Psi. For 15 Min., Test Frac Tree And Goat Head To 8500 Psi.
13:00	17.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.

**14-8D-36 BTR 11/28/2011 06:00 - 11/29/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	COMPLETION	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Production Crews Working On Facilities. Rig-Up FlowBack/Sand Trap, HES Set Manifold. Set Fill Manifold On Frac Line.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# H&P #273  
Submitted By Jack L. Warr Phone Number 970-261-4665  
Well Name/Number 14-8D-36 BTR  
Qtr/Qtr SE/SW Section 8 Township 3S Range 6W  
Lease Serial Number 2OG0005608  
API Number 43-013-50612

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

NOV 09 2011

DIV. OF OIL, GAS & MINING

Date/Time 11/10/2011 0600 AM  PM

BOPE

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

Date/Time 11/9/11 0730 AM  PM

Remarks Had Some Delay, This Should Be Close.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# H&P #273  
Submitted By Jack L. Warr Phone Number 970-261-4665  
Well Name/Number 14-8D-36 BTR  
Qtr/Qtr SE/SW Section 8 Township 3S Range 6W  
Lease Serial Number 2OG0005608  
API Number 43-013-50612

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

NOV 09 2011

DIV. OF OIL, GAS & MINING

Date/Time 11/10/2011 0600 AM  PM

BOPE

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

Date/Time 11/9/11 0730 AM  PM

Remarks Had Some Delay, This Should Be Close.

**Carol Daniels - 5 1/2 Production Csg BBC 14-8D-36 BTR**

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**From:** <wrtech@q.com>  
**To:** "Daniels, Carol" <caroldaniels@utah.gov>, Dennis Ingram <dennisingram@ut...>  
**Date:** 11/9/2011 8:01 AM  
**Subject:** 5 1/2 Production Csg BBC 14-8D-36 BTR  
**CC:** T Fallang <tfallang@billbarrettcorp.com>, Venessa Langmacher <vlangmache...>  
**Attachments:** Prod\_csg\_notification\_14-8D-36\_BTR.DOC

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Please Find Attached Notice. BBC Field Rep. J.L.Warr

**RECEIVED**

**NOV 09 2011**

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43013506120000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/8/2011  <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 checked="" 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 type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>This well had first gas sales on 12/8/2011 at 5:00 pm. As soon as first oil sales are obtained, a sundry notice will be submitted.</p> <p style="text-align: right;"><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/15/2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43013506120000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	<input type="checkbox"/> <b>ALTER CASING</b>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	<input type="checkbox"/> <b>CHANGE TUBING</b>
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 12/31/2011	<input type="checkbox"/> <b>DEEPEN</b>	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	<input type="checkbox"/> <b>FRACTURE TREAT</b>
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<input type="checkbox"/> <b>PLUG AND ABANDON</b>
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>
	<input type="checkbox"/> <b>TUBING REPAIR</b>	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	<input type="checkbox"/> <b>VENT OR FLARE</b>
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>
		<input type="checkbox"/> <b>OTHER:</b> <input type="text"/>
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Attached is the December 2011 monthly drilling report for this well.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/5/2012

**14-8D-36 BTR 12/1/2011 06:00 - 12/2/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	4.00	10:00	GOP	General Operations	HES Crew On Location At 0500 Hrs., With 1/3 Of Crew. 4 Trucks Chaining Up ( Snowing ), Blade Dispatched To Blade Road. Trucks On Location At 0700 Hrs.. Start Equipment, Had Problems Getting Blender Runing, Finally Got Started At 0830 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Hold Safety Meeting. Ran QC On Fluid, Looks Good.	
10:00	1.50	11:30	FRAC	Frac. Job	Open Well. ICP - 80 Psi. BreakDown At 9.8 Bpm And 3154 Psi.. Pump 3900 Gals. 15% HCL And 90 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 70.8 Bpm, Pressure 4364 Psi. ShutDown, Isip 2449 Psi., .67 F.G., 26/45 Holes Open. Pump SlickWater Pad, Start XLink, Pump 1# 100 Mesh Stage And 1,2,3,3.5 And 4# 20/40 SLC Stages Maintaining 25# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 3007 Psi., .71 F.G.. Shut In Well. Total Clean Fluid 157,017 Gals. Total 100 Mesh 19,600# Total 20/40 SLC 138,500# BWTR 3739 Bbls. Avg. Rate 69.4 Bpm Max Rate 70.6 Bpm Avg. Pres 4182 Psi Max. Pres 4729 Psi	
11:30	0.34	11:50	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.	
11:50	1.58	13:25	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11-26-2011, Found And Correlated To Marker Joints At 9132 - 9152' And 9905 - 9924'. Drop Down To Depth, Set CBP At 10962'. Pull Up And Shoot Stage 2 CR-6/CR-5 Zone As Follows; 10737 - 10738, 10750 - 10751, 10775 - 10776, 10786 - 10787, 10797 - 10798, 10815 - 10816, 10829 - 10830, 10840 - 10841, 10859 - 10860, 10885 - 10886, 10905 - 10906, 10933 - 10934, 10943 - 10944. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.	
13:25	0.25	13:40	GOP	General Operations	Turn Well Over To HES. Pressure Test To 8500 Psi., Equalize To Well Pressure.	
13:40	1.50	15:10	FRAC	Frac. Job	Open Well. ICP - 1200 Psi. BreakDown At 7.9 Bpm And 3957 Psi.. Pump 3900 Gals. 15% HCL And 78 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 70.2 Bpm, Pressure 5392 Psi. ShutDown, Isip 3105 Psi., .73 F.G., 23/39 Holes. Pump SlickWater Pad, Start XLink, Pump 1# 100 Mesh Stage And 1,2,3,3.5 And 4# 20/40 SLC Stages Maintaining 25# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 3464 Psi., .76 F.G.. Shut In Well. Total Clean Fluid 141,645 Gals. Total 100 Mesh 18,000# Total 20/40 SLC 131,000# BWTR 3431 Bbls. Avg. Rate 70.2 Bpm Max Rate 70.4 Bpm Avg. Pres 4967 Psi Max. Pres 5474 Psi	
15:10	0.25	15:25	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.	
15:25	1.58	17:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11-26-2011, Found And Correlated To Marker Joints At 9132 - 9152' And 9905 - 9924'. Drop Down To Depth, Set CBP At 10720'. Pull Up And Shoot Stage 2 CR-6/CR-5 Zone As Follows; 10503 - 10504, 10522 - 10523, 10542 - 10543, 10570 - 10571, 10593 - 10594, 10612 - 10614, 10624 - 10626, 10637 - 10638, 10661 - 10662, 10679 - 10680, 10700 - 10701. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.	
17:00	1.00	18:00	GOP	General Operations	HES And SLB ShutDown And Secure Equipment.	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Refill Frac Line, Refill/Heat Staging Area. SDFD.	

**14-8D-36 BTR 12/2/2011 06:00 - 12/3/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.34	08:20	GOP	General Operations	HES Crew On Location At 0500 Hrs., Start Equipment, Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Hold Safety Meeting. Ran QC On Fluid, Looks Good.
08:20	1.50	09:50	FRAC	Frac. Job	Open Well. ICP - 1615 Psi. BreakDown At 10.8 Bpm And 3197 Psi.. Pump 3900 Gals. 15% HCL And 78 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 70.8 Bpm, Pressure 5335 Psi. ShutDown, Isip 3071 Psi., .74 F.G., 21/39 Holes Open. Pump SlickWater Pad, Start XLink, Pump 1# 100 Mesh Stage And 1,2,3,3.5 And 4# 20/40 SLC Stages Maintaining 25# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 3494 Psi., .77 F.G.. Shut In Well. Total Clean Fluid 156,380 Gals. Total 100 Mesh 19,700# Total 20/40 SLC 157,100# BWTR 3845 Bbls. Avg. Rate 70.5 Bpm Max Rate 70.8 Bpm Avg. Pres 5025 Psi Max. Pres 5590 Psi
09:50	0.25	10:05	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.
10:05	1.42	11:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11-26-2011, Found And Correlated To Marker Joints At 9132 - 9152' And 9905 - 9924'. Drop Down To Depth, Set CBP At 10468'. Pull Up And Shoot Stage 4 CR-4 Zone As Follows; 10175 - 10176, 10197 - 10198, 10241 - 10242, 10261 - 10262, 10284 - 10285, 10338 - 10340, 10351 - 10352, 10370 - 10371, 10399 - 10400, 10413 - 10414, 10424 - 10425, 10448 - 10449. 39 Holes. Well Went On Suck On 10261 -10262 Set. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.
11:30	0.08	11:35	GOP	General Operations	Turn Well Over To HES. Pressure Test To 8500 Psi., Equalize To Well Pressure.
11:35	1.58	13:10	FRAC	Frac. Job	Open Well. ICP - 0 Psi. Took 32 Bbls. To Catch Fluid, BreakDown At 10.1 Bpm And 3085 Psi.. Pump 3900 Gals. 15% HCL And 78 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 69.9 Bpm, Pressure 5780 Psi. ShutDown, Isip 2783 Psi., .71 F.G., 17/39 Holes. Pump SlickWater Pad, Start XLink, Pump 1# 100 Mesh Stage And 1,2,3,3.5 And 4# 20/40 SLC Stages Maintaining 22# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 2909 Psi., .72 F.G.. Shut In Well. Total Clean Fluid 164,726 Gals. Total 100 Mesh 21,000# Total 20/40 SLC 167,200# BWTR 4026 Bbls. Avg. Rate 70.0 Bpm Max Rate 70.2 Bpm Avg. Pres 5129 Psi Max. Pres 5861 Psi
13:10	0.25	13:25	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.
13:25	1.34	14:45	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11-26-2011, Found And Correlated To Marker Joints At 9132 - 9152' And 9905 - 9924'. Drop Down To Depth, Set CBP At 10166'. Pull Up And Shoot Stage 5 CR-4/CR-3 Zone As Follows; 9849 - 9850, 9867 - 9868, 9885 - 9886, 9923 - 9924, 9963 - 9964, 9995 - 9996, 10013 - 10014, 10027 - 10028, 10057 - 10058, 10083 - 10084, 10103 - 10104, 10133 - 10134, 10143 - 10144. 39 Holes. Well On Suck By Time Setting CBP. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.
14:45	0.08	14:50	GOP	General Operations	Turn Well Over To HES. Pressure Test To 8500 Psi., Equalize To Well Pressure.
14:50	1.50	16:20	FRAC	Frac. Job	Open Well. ICP - 0 Psi.. Took 12 Bbls. To Catch Fluid, BreakDown At 10.2 Bpm And 2812 Psi.. Pump 3900 Gals. 15% HCL And 78 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 70.0 Bpm, Pressure 4540 Psi. ShutDown, Isip 2628 Psi., .70 F.G., 24/39 Holes. Pump SlickWater Pad, Start XLink, Pump 1# 100 Mesh Stage And 1,2,3,3.5 And 4# 20/40 SLC Stages Maintaining 22# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 2880 Psi., .73 F.G.. Shut In Well. Total Clean Fluid 154,713 Gals. Total 100 Mesh 19,400# Total 20/40 SLC 157,500# BWTR 3808 Bbls. Avg. Rate 70.2 Bpm Max Rate 72.2 Bpm Avg. Pres 4281 Psi Max. Pres 4919 Psi



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
16:20	0.34	16:40	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.
16:40	2.33	19:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11-26-2011, Found And Correlated To Marker Joints At 9132 - 9152' And 9905 - 9924'. Drop Down To Depth, Set CBP At 9836'. Pull Up And Shoot Stage 6 CR-2 Zone As Follows; 9556 - 9557, 9568 - 9569, 9594 - 9595, 9615 - 9616, 9637 - 9638, 9658 - 9659, 9669 - 9670, 9683 - 9684, 9709 - 9710, 9765 - 9766, 9779 - 9780, 9786 - 9788, 9795 - 9796, 9806 - 9807, 9819 - 9821. 51 Holes. Made Two Runs. Got Stuck, Unable To Work Free. Pulled Off At WeakPoint. TOF At 9523'. 2.31" X 24" Fish Top. 3 1/8" Perf Gun, Length 25'. POOH. WSI And Secured.
19:00	1.00	20:00	GOP	General Operations	W/L ShutDown And Secure Equipment. Called For Braided Line Truck, Will Come Out Of Grand Junction In Morning. Called HES To RigDown Back And Front Sides In Am For Hot Oil Trucks.
20:00	10.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Hauling In Frac Water For Tom. Jobs.

**14-8D-36 BTR 12/3/2011 06:00 - 12/4/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI And Secured.
08:00	2.75	10:45	GOP	General Operations	HES Crew RigDown WellHead, And BackSide Equipment For Hot Oilers To Heat Tanks. SLB Crew Move Equipment To Make Room For Fishing Truck. Cutters Crew On Location At 10:45. Hold Safety Meeting.
10:45	2.09	12:50	SRIG	Rig Up/Down	Cutters Crew Spot And Rig-Up Equipment, OverShot And Jars. PickUp Lubricator.
12:50	1.41	14:15	WLWK	Wireline	Open Well, 0 Psi.. Tagged Fluid At 175', RIH With Tools. No Fish At Expected Depth, 9523', Cont. In Hole, Tag Up On Fish At 9810', Indicates Gun Sitting On CBP. Set Down On Gun, Pull Into, Showing 600#'s Over Expected Pull With Tools, Indicates Fish Is On. Pull Thru Perf. Zone At 10'/Min., No Drag, POOH With Tools/Fish.
14:15	1.25	15:30	SRIG	Rig Up/Down	R/D Cutters Equipment, MOL. Respot SLB Equipment And Rig-Up
15:30	14.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured, Wrapped With Tarps, SDFD.

**14-8D-36 BTR 12/4/2011 06:00 - 12/5/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.67	07:40	GOP	General Operations	HES Crew On Location At 0400 Hrs., Rig Back Up To Frac Tree, ReSpot BackSide Equipment, Start Equipment, Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Hold Safety Meeting. Ran QC On Fluid, Looks Good.
07:40	1.59	09:15	FRAC	Frac. Job	Open Well. ICP - 0 Psi., Took 33 Bbls. To Fill. BreakDown At 10.2 Bpm And 2376 Psi.. Pump 3900 Gals. 15% HCL And 102 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 71.5 Bpm, Pressure 3820 Psi. ShutDown, Isip 2372 Psi., .68 F.G., 33/51 Holes Open. Pump SlickWater Pad, Start XLink, Pump 1# 100 Mesh Stage And 1,2,3,3.5 And 4# 20/40 SLC Stages Maintaining 20# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 2586 Psi., .70 F.G.. Shut In Well. Total Clean Fluid 162,181 Gals. Total 100 Mesh 21,700# Total 20/40 SLC 166,500# BWTR 4061 Bbls. Avg. Rate 69.8 Bpm Max Rate 70.9 Bpm Avg. Pres 3542 Psi Max. Pres 4021 Psi
09:15	0.25	09:30	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.
09:30	1.33	10:50	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11-26-2011, Found And Correlated To Marker Joints At 9132 - 9152'. Drop Down To Depth, Set CBP At 9537'. Pull Up And Shoot Stage 7 CR-2/Wasatch Zone As Follows; 9253 - 9254, 9285 - 9286, 9299 - 9300, 9316 - 9317, 9349 - 9350, 9370 - 9371, 9387 - 9388, 9414 - 9415, 9439 - 9440, 9449 - 9450, 9476 - 9477, 9494 - 9495, 9523 - 9524. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
10:50	0.08	10:55	GOP	General Operations	Turn Well Over To HES. Pressure Test To 8500 Psi., Equalize To Well Pressure.
10:55	1.42	12:20	FRAC	Frac. Job	Open Well. ICP - 1120 Psi. BreakDown At 7.9 Bpm And 3957 Psi.. Pump 3900 Gals. 15% HCL And 78 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 70.4 Bpm, Pressure 5330 Psi. ShutDown, Isip 2435 Psi., .70 F.G., 19/39 Holes. Pump SlickWater Pad, Start XLink, Pump 1# 100 Mesh Stage And 1,2,3,3.5 And 4# 20/40 SLC Stages Maintaining 20# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 2653 Psi., .72 F.G.. Shut In Well. Total Clean Fluid 146,968 Gals. Total 100 Mesh 17,240# Total 20/40 SLC 151,020# BWTR 3657 Bbls. Avg. Rate 69.9 Bpm Max Rate 71.8 Bpm Avg. Pres 3885 Psi Max. Pres 6001 Psi
12:20	0.25	12:35	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.
12:35	1.25	13:50	PFRT	Perforating	RIH Setting Tool And CBP. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11-26-2011, Found And Correlated To Marker Joints At 9132 - 9152'. Drop Down To Depth, Set CBP/ Kill Plug At 9200'. POOH. LD Tools. WSI And Secured.
13:50	2.50	16:20	GOP	General Operations	HES And SLB RD And MOL With Equipment. Batch Tanks For W/O.
16:20	13.67	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**14-8D-36 BTR 12/5/2011 06:00 - 12/6/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	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	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	0.50	08:00	GOP	General Operations	Set Anchor
08:00	2.50	10:30	SRIG	Rig Up/Down	MIRU w/o Rig, had some trouble w/ the air system. -11* this morning.
10:30	1.00	11:30	BOPI	Install BOP's	ND Goat Head & Frac Tree, NU 7 1/16" 5K BOP & 7 1/16" 5K Flow Cross, & 7 1/16" 5K Annular. Function Testl.
11:30	1.00	12:30	SRIG	Rig Up/Down	RU work Floor & Tbg. equip. Unload 364 Jts. of 2 7/8" L80 EUE Tbg.
12:30	4.50	17:00	RUTB	Run Tubing	PU 4 5/8" Chomp Mill, 1 Jt. 2 7/8" L80 EUE Tbg., 2.205" XN Nipple, 1 Jt., 2.313 X Nipple, Cont. PU Tbg. Tag Kill Plug @ 9200'. Lay 5 Jt. down.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	Secure well, SDFN.

**14-8D-36 BTR 12/6/2011 06:00 - 12/7/2011 06:00**

API/UWI 43-013-50612	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	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	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting.
07:30	10.00	17:30	DOPG	Drill Out Plugs	Establish Circ. w/ rig pump @ 1 Bbls./min. Returning Thru Flowback manifold to Open top tank. Returning no more than 2 Bbls./min. Thru-out the drill out. Had trouble getting foam unit started, Finally online @ 1:30  Drill Plugs as Follows:  Plg. @ 9200' Csg.-0# Plg. @ 9537', 20' of sand Csg.-0# Plg. @ 9836', 15' of sand Csg.-100# Plg. @ 10166', 25' of sand Csg.-650#  Circulate Bottoms up w/ foam unit, Increased Pump rate to 2 Bbls./min. and increased return rate to 3 Bbls./mint. Flowing Csg. Recovered 175 Bbls.
17:30	1.00	18:30	GOP	General Operations	Drain up rig pump & Foam unit. Flowback iron. Tarp in well head.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:30	11.50	06:00	FBCK	Flowback Well	WSI.

**14-8D-36 BTR 12/7/2011 06:00 - 12/8/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI. Csg.-700#
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	7.50	15:00	DOPG	Drill Out Plugs	Make Connections to next plug. Establish circ. w/ rig pump, Csg. fell to 0#. Online w/ N2 foam unit. re-establish circ.  Drill out remaining plugs as follows: Plg. @ 10486', 35' of sand Csg.-500# Plg. @ 10720', 35' of sand Csg.-400# Plg. @ 10962', 45' of sand Csg.-300#  Clean out 200' of sand leaving 110' of rat hole. Csg.-200#. Did not get a good bottoms up, Ran out of fluid. csg. dropped to 0# Total fluid pumped for drillout-1200 Bbls.
15:00	0.50	15:30	SRIG	Rig Up/Down	RD Power Swivel
15:30	1.50	17:00	PULT	Pull Tubing	Pull 20 Jts.
17:00	1.00	18:00	GOP	General Operations	Drain fluid equip., Tarp in well head for night.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WSI. SDFN.

**14-8D-36 BTR 12/8/2011 06:00 - 12/9/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com																																																																								
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.																																																																								
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting																																																																								
07:30	1.00	08:30	CLN	Clean Out Hole	Establish Circ. w/ N2 Foam unit & Rig Pump.																																																																								
08:30	2.00	10:30	CLN	Clean Out Hole	Trip in to FC & Circ. Clean w/ N2 Foam Unit & Rig Pump.																																																																								
10:30	2.50	13:00	PULT	Pull Tubing	Lay down tbg. to landing depth, PU Hanger. Wash Bowl w/5 Bbls. Stage Hanger thru BOP stack. Land & Test Hanger. Land Tbg. as follows: Tubing Des: Tubing - Production Set Depth (ftKB): 9,186.1      Run Date: 2011/12/07 08:00 Pull Date: Tubing Components  <table border="1"> <thead> <tr> <th>Jts (ft)</th> <th>Item Des</th> <th>OD (in)</th> <th>ID (in)</th> <th>Wt (lb/ft)</th> <th>Grade</th> <th>Top</th> <th>Thread</th> <th>Len</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Tubing Hanger</td> <td>5</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>0.44</td> <td>0</td> <td>0.4</td> </tr> <tr> <td>288</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>9,118.80</td> <td>0.4</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>X Profile Nipple</td> <td>2 7/8</td> <td>2.313</td> <td>6.5</td> <td>L-80</td> <td>1.17</td> <td>9,119.20</td> <td></td> </tr> <tr> <td>1</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>31.69</td> <td>9,120.40</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>XN Nipple</td> <td>2 7/8</td> <td>2.205</td> <td>6.5</td> <td>L-80</td> <td>1.25</td> <td>9,152.10</td> <td></td> </tr> <tr> <td>1</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>31.76</td> <td>9,153.40</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>Pump Off Bit Sub</td> <td>3 1/8</td> <td>2.441</td> <td>6.5</td> <td></td> <td></td> <td>0.95</td> <td></td> </tr> </tbody> </table>	Jts (ft)	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top	Thread	Len	1	Tubing Hanger	5	2.441	6.5	L-80	0.44	0	0.4	288	Tubing 2 7/8	2.441	6.5	L-80	9,118.80	0.4			1	X Profile Nipple	2 7/8	2.313	6.5	L-80	1.17	9,119.20		1	Tubing 2 7/8	2.441	6.5	L-80	31.69	9,120.40			1	XN Nipple	2 7/8	2.205	6.5	L-80	1.25	9,152.10		1	Tubing 2 7/8	2.441	6.5	L-80	31.76	9,153.40			1	Pump Off Bit Sub	3 1/8	2.441	6.5			0.95	
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1	Pump Off Bit Sub	3 1/8	2.441	6.5			0.95																																																																						
13:00	0.50	13:30	SRIG	Rig Up/Down	RD Tbg. equip. & work floor.																																																																								
13:30	0.50	14:00	BOPR	Remove BOP's	ND BOP, NU Production Tree. Tie in sales Line & Heat trace.																																																																								

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
14:00	0.50	14:30	GOP	General Operations	Drop Ball, Pump off bit @ 1300#, Chace w/ 30 Bbbs. @ 5 Bbbs./min.
14:30	2.50	17:00	SWAB	Swab Well Down	RU Swab equip., Made 4 Runs, & Kicked well off. Beginning fluid level @ 700'.
17:00	13.00	06:00	GOP	General Operations	Hand well over to Production

**14-8D-36 BTR 12/9/2011 06:00 - 12/10/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com

**14-8D-36 BTR 12/19/2011 06:00 - 12/20/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	GOP	General Operations	MOVE IN SLIDE ROTOFLEX BACK R/U
10:00	20.00	06:00	GOP	General Operations	DOWN TIL MORNING

**14-8D-36 BTR 12/20/2011 06:00 - 12/21/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	5.00	12:00	WKLL	Kill Well	HOTOILER BROKE DOWN KILL WELL N/U BOP
12:00	3.00	15:00	PULT	Pull Tubing	POOH W/ TUBING LAY DOWN POBS
15:00	2.00	17:00	RUTB	Run Tubing	RIH W/ TUBING AS FOLLOWS BULL PLUG 5 JTS DESANDER 4' SUB TUBING BARREL 1 JT 169 JTS
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

**14-8D-36 BTR 12/21/2011 06:00 - 12/22/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	2.00	09:00	RUTB	Run Tubing	FINISH RUNNING IN HOLE W/ TUBING IN HOLE BULL PLUG 5 JTS DESANDER 4' SUB TUBING BARREL 1 JT ANCHOR 289 JTS
09:00	2.00	11:00	BOPR	Remove BOP's	N/D BOP SET ANCHOR R/D FLOOR AND TUBING EQ. LAND TUBING
11:00	1.00	12:00	HOIL	Hot Oil Well	PUMP 80 BBLS DOWN TUBING DROP STANDING PRESSURE UP TO 800 PSI

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
12:00	6.00	18:00	RURP	Run Rods & Pump	RIH W/ RODS AS FOLLOWS PLUNGER SHEAR SUB 3' STAB 24 1" 96 3/4 112 7/8 133 1" 8' 2' 40' POLISH ROD
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

**14-8D-36 BTR 12/22/2011 06:00 - 12/23/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	UT	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	2.00	09:00	SRIG	Rig Up/Down	R/D SLIDE ROTOFLEX IN HANG OFF TURN OVER TO PRODUCTION
09:00	21.00	06:00	GOP	General Operations	TURN OVER TO PRODUCTION

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43013506120000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/29/2011  <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 checked="" 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 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 12/29/2011.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/30/2011	

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.  
20G0005608

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
14-8D-36 BTR

9. API Well No.  
43-013-50612

10. Field and Pool, or Exploratory  
ALTAMONT

11. Sec., T., R., M., or Block and Survey  
or Area Sec 8 T3S R6W Mer UBM

12. County or Parish  
DUCHESNE

13. State  
UT

14. Date Spudded  
08/07/2011

15. Date T.D. Reached  
11/07/2011

16. Date Completed  
 D & A  Ready to Prod.  
12/08/2011

17. Elevations (DF, KB, RT, GL)\*  
8520 GL

18. Total Depth: MD 11470 TVD 11411

19. Plug Back T.D.: MD 11382 TVD 11344

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
(CBL) TRIPLE COMBO, BOREHOLE 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	75.0	0	104	104			0	
12.250	9.625 J-55	36.0	0	3690	3579	410	173	0	
8.750	5.500 P-110	17.0	0	11470	11470	1805	549	4670	15000

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	9356							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	9253	11267	9253 TO 11267	0.440	291	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
9253 TO 11267	WASATCH: SEE TREATMENT STAGES 1 - 7

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

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
12/08/2011	12/09/2011	24	→	82.0	76.0	416.0	52.0		FLOWS FROM WELL
Choke Size	Tvg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
23/64	80	558.0	→	82	76	416	927	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
			→						JAN 1 / 2012
Choke Size	Tvg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						OIL, GAS & MINING

**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	Cog. 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	Cog. 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	4567
				MAHOGANY	5415
				DOUGLAS CREEK	7776
				BLACK SHALE	8287
				CASTLE PEAK	8501
				TUELAND BUTTE	8901
				WASATCH	9250
				TD	11470

**32. Additional remarks (include plugging procedure):**

TOC was calculated by CBL. First gas sales was on 12/8/2011. First oil sales was on 12/29/2011. Conductor was cemented with grout. Attached is Treatment Data.

**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:

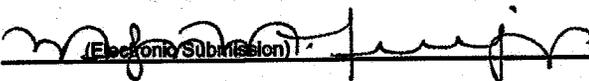
**34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):**

Electronic Submission #128402 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 01/17/2012

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 \*\***

14-8D-36 BTR Completion Report Continued\*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
<i>Stage</i>	<i>BBLs Slurry</i>	<i>lbs 20/40 White Sand</i>	<i>lbs 100 Mesh Sand</i>
1	3,971	117,700	
2	3,124	119,800	
3	3,939	145,800	19,700
4	3,847	131,600	
5	3,522	146,700	19,400
6	4,064	155,800	21,700
7	3,681		168,260

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

**RECEIVED**  
**JAN 17 2012**  
DIV. OF OIL, GAS & MINING

# Archer

## **Bill Barrett Corp.**

Duchesne Co., UT

Sec.8-T3S-R6W

#14-8D-36 BTR

Wellbore #1

Survey: Survey #1

## **Standard Survey Report**

12 January, 2012

RECEIVED

JAN 17 2012

DIV. OF OIL, GAS & MINING



**Bill Barrett Corporation**



Bill Barrett Corp.  
 Project: Duchesne Co., UT  
 Site: Sec.8-T3S-R6W  
 Well: #14-8D-36 BTR  
 Wellbore: Wellbore #1  
 Design: Design #2  
 Latitude: 40° 13' 39.490 N  
 Longitude: 110° 35' 21.030 W  
 Ground Level: 6520.00  
 WELL @ 6544.00usft (H&P 273)



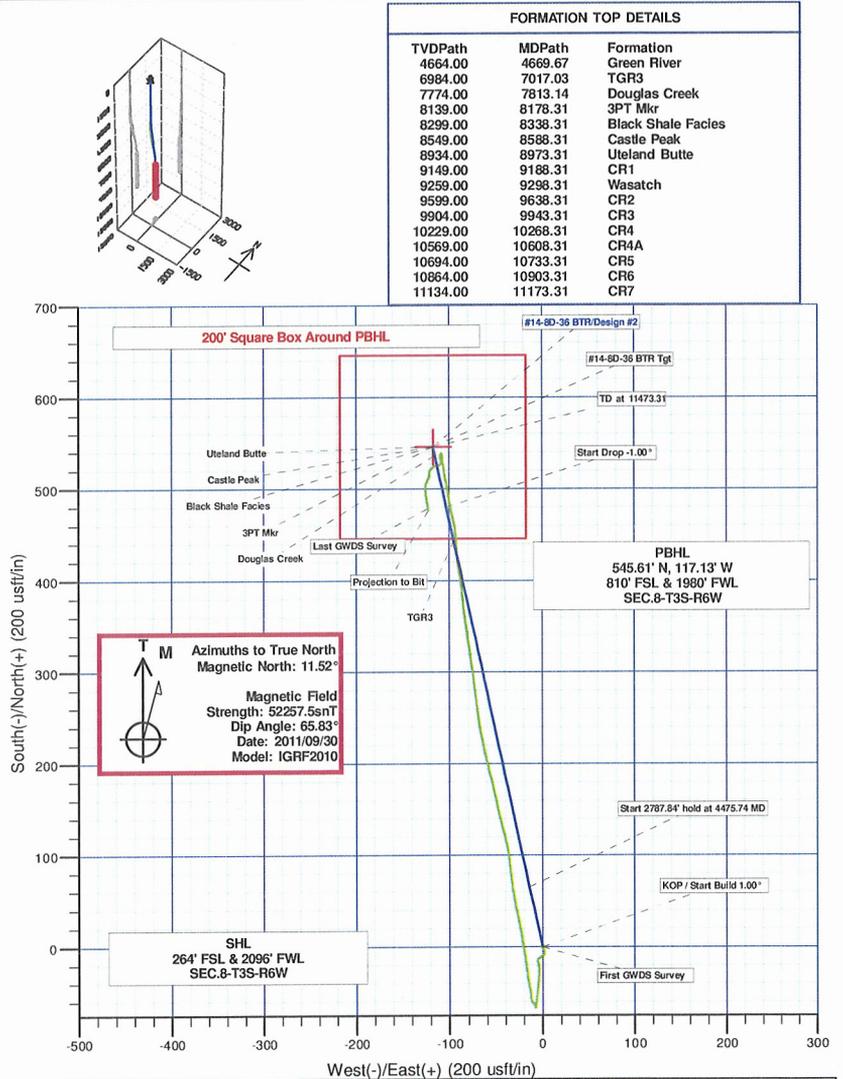
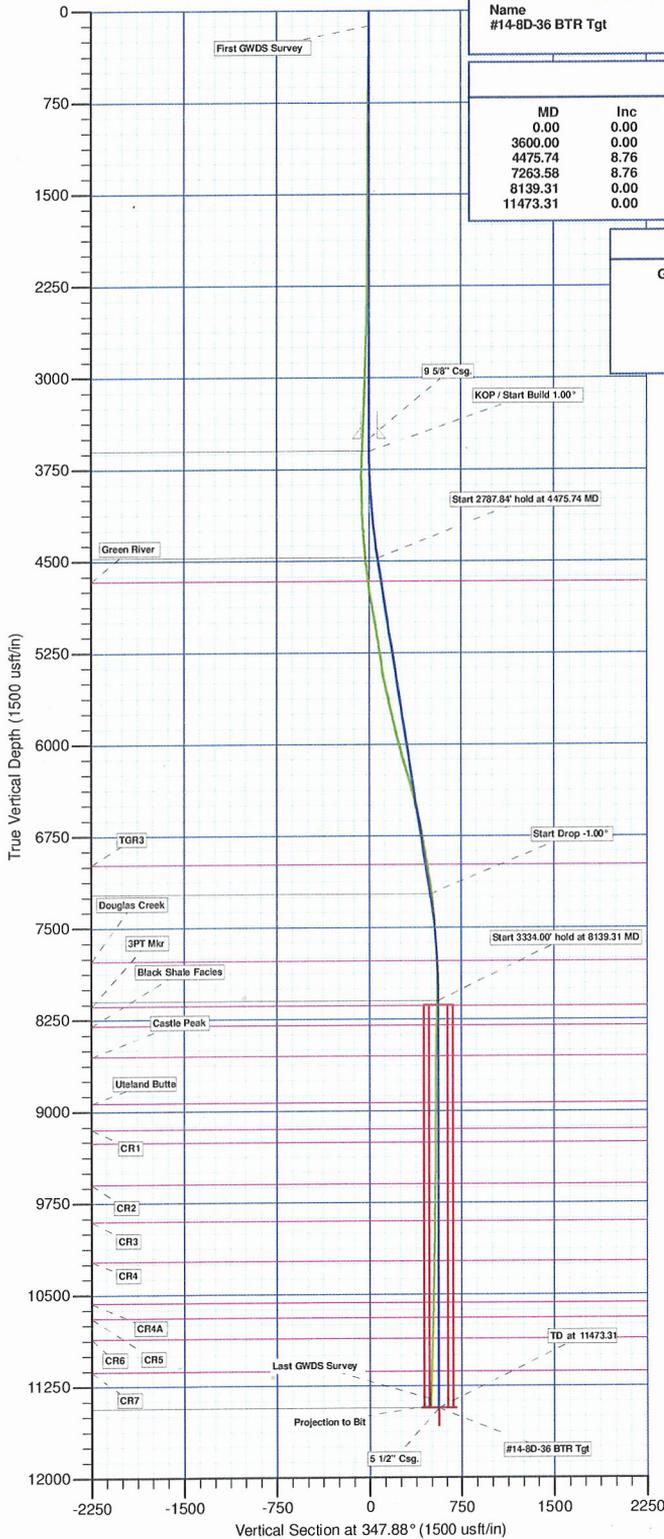
WELL DETAILS: #14-8D-36 BTR							
+N/-S	+E/-W	Northing	Ground Level:	6520.00	Latitude	Longitude	Slot
0.00	0.00	7252937.410	Easting	1894722.603	40° 13' 39.490 N	110° 35' 21.030 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)							
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape	
#14-8D-36 BTR Tgt	11434.00	545.61	-117.13	40° 13' 44.882 N	110° 35' 22.540 W	Rectangle (Sides: L200.00 W200.00)	

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	KOP / Start Build 1.00°
4475.74	8.76	347.88	4472.33	65.31	-14.02	1.00	347.88	66.80	Start 2787.84' hold at 4475.74 MD
7263.58	8.76	347.88	7227.67	480.30	-103.11	0.00	0.00	491.25	Start Drop -1.00°
8139.31	0.00	0.00	8100.00	545.61	-117.13	1.00	180.00	558.04	Start 3334.00' hold at 8139.31 MD
11473.31	0.00	0.00	11434.00	545.61	-117.13	0.00	0.00	558.04	TD at 11473.31

**PROJECT DETAILS: Duchesne Co., UT**  
 Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah Central Zone  
 System Datum: Mean Sea Level

**REFERENCE INFORMATION**  
 Co-ordinate (N/E) Reference: Well #14-8D-36 BTR, True North  
 Vertical (TVD) Reference: WELL @ 6544.00usft (H&P 273)  
 Section (VS) Reference: Slot - (0.00N, 0.00E)  
 Measured Depth Reference: WELL @ 6544.00usft (H&P 273)  
 Calculation Method: Minimum Curvature



**Plan: Design #2 (#14-8D-36 BTR/Wellbore #1)**  
 Created By: Dusty Moyer Date: 12:59, January 12 2012

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well #14-8D-36 BTR
<b>Project:</b>	Duchesne Co., UT	<b>TVD Reference:</b>	WELL @ 6544.00usft (H&P 273)
<b>Site:</b>	Sec.8-T3S-R6W	<b>MD Reference:</b>	WELL @ 6544.00usft (H&P 273)
<b>Well:</b>	#14-8D-36 BTR	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	EDMDBBW

<b>Project</b>	Duchesne Co., UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Sec.8-T3S-R6W		
<b>Site Position:</b>		<b>Northing:</b>	7,252,937.414 usft
<b>From:</b>	Lat/Long	<b>Easting:</b>	1,894,722.603 usft
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16"
		<b>Latitude:</b>	40° 13' 39.490 N
		<b>Longitude:</b>	110° 35' 21.030 W
		<b>Grid Convergence:</b>	0.58 °

<b>Well</b>	#14-8D-36 BTR		
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b> 7,252,937.410 usft
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b> 1,894,722.603 usft
<b>Position Uncertainty</b>	0.00 usft	<b>Wellhead Elevation:</b>	usft
		<b>Latitude:</b>	40° 13' 39.490 N
		<b>Longitude:</b>	110° 35' 21.030 W
		<b>Ground Level:</b>	6,520.00 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	2011/09/30	11.51	65.83	52,257

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	347.88	

<b>Survey Program</b>	<b>Date</b>	2012/01/12			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
121.00	11,470.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>First GWDS Survey</b>										
121.00	0.17	161.28	121.00	-0.17	0.06	-0.18	0.14	0.14	0.00	
186.00	0.18	168.23	186.00	-0.36	0.11	-0.38	0.04	0.02	10.69	
280.00	0.66	176.93	280.00	-1.05	0.17	-1.06	0.51	0.51	9.26	
374.00	0.70	137.56	373.99	-2.01	0.58	-2.09	0.49	0.04	-41.88	
466.00	0.83	162.96	465.98	-3.06	1.16	-3.24	0.39	0.14	27.61	
557.00	1.27	155.31	556.97	-4.61	1.77	-4.88	0.51	0.48	-8.41	
648.00	0.75	214.90	647.95	-6.01	1.85	-6.27	1.21	-0.57	65.48	
740.00	1.01	169.00	739.95	-7.30	1.66	-7.49	0.79	0.28	-49.89	
831.00	0.62	205.23	830.94	-8.54	1.61	-8.68	0.69	-0.43	39.81	
926.00	0.70	244.34	925.93	-9.25	0.87	-9.23	0.47	0.08	41.17	
1,021.00	0.08	242.76	1,020.93	-9.53	0.28	-9.38	0.65	-0.65	-1.66	

Company: Bill Barrett Corp.  
Project: Duchesne Co., UT  
Site: Sec. 8-T3S-R6W  
Well: #14-8D-36 BTR  
Wellbore: Wellbore #1  
Design: Wellbore #1

Local Co-ordinate Reference: Well #14-8D-36 BTR  
TVD Reference: WELL @ 6544.00usft (H&P 273)  
MD Reference: WELL @ 6544.00usft (H&P 273)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Database: EDMDBBW

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,116.00	0.13	229.31	1,115.93	-9.63	0.14	-9.45	0.06	0.05	-14.16
1,204.00	0.39	232.91	1,203.93	-9.88	-0.17	-9.62	0.30	0.30	4.09
1,298.00	0.74	240.56	1,297.92	-10.37	-0.96	-9.94	0.38	0.37	8.14
1,393.00	0.79	233.09	1,392.91	-11.07	-2.01	-10.40	0.12	0.05	-7.86
1,488.00	0.83	224.91	1,487.90	-11.95	-3.02	-11.05	0.13	0.04	-8.61
1,583.00	0.79	245.57	1,582.89	-12.71	-4.10	-11.56	0.31	-0.04	21.75
1,678.00	0.74	222.10	1,677.89	-13.43	-5.11	-12.06	0.33	-0.05	-24.71
1,773.00	0.96	183.17	1,772.88	-14.68	-5.57	-13.19	0.64	0.23	-40.98
1,867.00	0.39	157.24	1,866.87	-15.76	-5.49	-14.26	0.67	-0.61	-27.59
1,962.00	0.40	162.96	1,961.87	-16.38	-5.27	-14.91	0.04	0.01	6.02
2,057.00	0.48	155.97	2,056.86	-17.06	-5.01	-15.63	0.10	0.08	-7.36
3,603.00	2.80	187.12	3,602.14	-60.45	-7.05	-57.62	0.16	0.15	2.01
3,636.00	3.07	185.21	3,635.10	-62.13	-7.23	-59.23	0.87	0.82	-5.79
3,667.00	2.15	188.35	3,666.07	-63.53	-7.39	-60.56	3.00	-2.97	10.13
3,698.00	1.45	185.98	3,697.05	-64.50	-7.52	-61.48	2.27	-2.26	-7.65
3,729.00	1.31	184.40	3,728.04	-65.24	-7.58	-62.19	0.47	-0.45	-5.10
3,761.00	0.87	191.52	3,760.04	-65.84	-7.66	-62.77	1.44	-1.37	22.25
3,792.00	0.57	230.19	3,791.03	-66.17	-7.83	-63.06	1.79	-0.97	124.74
3,824.00	0.30	281.52	3,823.03	-66.26	-8.03	-63.10	1.40	-0.84	160.41
3,856.00	0.87	323.00	3,855.03	-66.05	-8.26	-62.84	2.11	1.78	129.62
3,887.00	1.58	335.74	3,886.02	-65.47	-8.58	-62.21	2.44	2.29	41.10
3,919.00	1.93	336.27	3,918.01	-64.57	-8.97	-61.25	1.09	1.09	1.66
3,951.00	1.75	339.00	3,949.99	-63.62	-9.37	-60.24	0.63	-0.56	8.53
3,982.00	1.66	327.75	3,980.98	-62.80	-9.77	-59.35	1.12	-0.29	-36.29
4,014.00	1.58	322.91	4,012.97	-62.06	-10.29	-58.52	0.50	-0.25	-15.12
4,046.00	1.89	320.63	4,044.95	-61.30	-10.89	-57.65	0.99	0.97	-7.12
4,077.00	1.93	328.54	4,075.93	-60.46	-11.49	-56.70	0.86	0.13	25.52
4,109.00	2.29	338.03	4,107.91	-59.41	-12.01	-55.56	1.56	1.12	29.66
4,140.00	2.85	346.38	4,138.88	-58.08	-12.42	-54.18	2.17	1.81	26.94
4,172.00	3.37	354.64	4,170.83	-56.37	-12.69	-52.45	2.14	1.62	25.81
4,204.00	3.78	357.98	4,202.77	-54.38	-12.82	-50.48	1.44	1.28	10.44
4,235.00	4.30	357.72	4,233.69	-52.20	-12.90	-48.33	1.68	1.68	-0.84
4,267.00	4.13	353.50	4,265.61	-49.86	-13.08	-46.00	1.10	-0.53	-13.19
4,299.00	4.13	348.14	4,297.52	-47.58	-13.45	-43.70	1.21	0.00	-16.75
4,330.00	3.91	343.92	4,328.45	-45.47	-13.97	-41.53	1.19	-0.71	-13.61
4,362.00	4.39	346.47	4,360.36	-43.24	-14.56	-39.22	1.61	1.50	7.97
4,393.00	4.39	348.84	4,391.27	-40.92	-15.06	-36.84	0.59	0.00	7.65
4,425.00	4.48	348.40	4,423.18	-38.49	-15.55	-34.37	0.30	0.28	-1.37
4,457.00	5.13	352.18	4,455.06	-35.85	-16.00	-31.69	2.26	2.03	11.81
4,488.00	5.49	354.47	4,485.93	-33.00	-16.33	-28.84	1.35	1.16	7.39
4,520.00	5.90	356.60	4,517.77	-29.84	-16.58	-25.69	1.44	1.28	6.66
4,551.00	6.59	354.56	4,548.59	-26.47	-16.84	-22.35	2.34	2.23	-6.58
4,583.00	6.67	352.71	4,580.38	-22.80	-17.25	-18.68	0.71	0.25	-5.78
4,614.00	6.86	350.34	4,611.16	-19.19	-17.79	-15.03	1.09	0.61	-7.65
4,646.00	6.86	353.06	4,642.93	-15.41	-18.34	-11.22	1.02	0.00	8.50
4,677.00	7.08	351.83	4,673.70	-11.68	-18.83	-7.47	0.86	0.71	-3.97
4,709.00	7.53	350.42	4,705.44	-7.66	-19.46	-3.41	1.51	1.41	-4.41
4,741.00	7.69	350.33	4,737.16	-3.48	-20.17	0.83	0.50	0.50	-0.28
4,782.00	8.87	350.33	4,777.73	2.34	-21.16	6.73	2.88	2.88	0.00
4,804.00	9.48	351.88	4,799.45	5.80	-21.71	10.23	2.99	2.77	7.05
4,835.00	10.32	351.12	4,829.99	11.07	-22.49	15.55	2.74	2.71	-2.45
4,867.00	10.15	350.42	4,861.48	16.68	-23.41	21.23	0.66	-0.53	-2.19
4,899.00	10.01	349.45	4,892.99	22.20	-24.38	26.82	0.69	-0.44	-3.03
4,930.00	10.01	348.66	4,923.51	27.49	-25.41	32.21	0.44	0.00	-2.55

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

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,961.00	10.11	348.84	4,954.04	32.80	-26.46	37.62	0.34	0.32	0.58
4,993.00	10.33	348.84	4,985.53	38.37	-27.56	43.30	0.69	0.69	0.00
5,024.00	10.37	347.70	5,016.02	43.82	-28.70	48.87	0.67	0.13	-3.68
5,056.00	9.54	348.20	5,047.54	49.23	-29.85	54.40	2.61	-2.59	1.56
5,088.00	8.83	350.16	5,079.13	54.25	-30.81	59.51	2.42	-2.22	6.12
5,119.00	9.05	351.74	5,109.76	59.01	-31.57	64.32	1.06	0.71	5.10
5,151.00	8.83	352.98	5,141.37	63.93	-32.23	69.28	0.91	-0.69	3.87
5,182.00	8.44	353.90	5,172.02	68.56	-32.76	73.91	1.33	-1.26	2.97
5,214.00	8.13	354.12	5,203.68	73.14	-33.25	78.49	0.97	-0.97	0.69
5,246.00	7.73	351.66	5,235.38	77.52	-33.79	82.89	1.64	-1.25	-7.69
5,277.00	8.04	353.24	5,266.08	81.74	-34.35	87.13	1.22	1.00	5.10
5,309.00	8.00	352.80	5,297.77	86.17	-34.89	91.57	0.23	-0.12	-1.37
5,341.00	7.99	352.35	5,329.46	90.58	-35.46	96.01	0.20	-0.03	-1.41
5,372.00	8.48	352.44	5,360.14	94.99	-36.05	100.44	1.58	1.58	0.29
5,404.00	9.26	351.56	5,391.76	99.87	-36.74	105.36	2.47	2.44	-2.75
5,435.00	10.20	350.67	5,422.31	105.05	-37.55	110.59	3.07	3.03	-2.87
5,467.00	11.12	349.37	5,453.76	110.88	-38.58	116.50	2.97	2.87	-4.06
5,498.00	11.87	347.26	5,484.14	116.92	-39.83	122.68	2.77	2.42	-6.81
5,530.00	12.30	345.86	5,515.43	123.44	-41.39	129.38	1.63	1.34	-4.37
5,562.00	12.71	346.00	5,546.67	130.16	-43.08	136.30	1.28	1.28	0.44
5,593.00	12.17	346.03	5,576.94	136.64	-44.69	142.98	1.74	-1.74	0.10
5,625.00	11.65	347.00	5,608.25	143.06	-46.23	149.58	1.74	-1.62	3.03
5,657.00	11.91	346.21	5,639.58	149.42	-47.75	156.11	0.96	0.81	-2.47
5,688.00	12.63	348.59	5,669.87	155.85	-49.18	162.70	2.84	2.32	7.68
5,720.00	13.57	348.31	5,701.03	162.95	-50.63	169.95	2.94	2.94	-0.87
5,752.00	13.93	347.61	5,732.12	170.39	-52.22	177.55	1.24	1.12	-2.19
5,783.00	12.83	345.82	5,762.28	177.37	-53.86	184.73	3.79	-3.55	-5.77
5,815.00	11.82	346.21	5,793.54	184.00	-55.51	191.55	3.17	-3.16	1.22
5,846.00	12.08	346.12	5,823.87	190.23	-57.05	197.97	0.84	0.84	-0.29
5,878.00	12.79	346.30	5,855.12	196.92	-58.69	204.86	2.22	2.22	0.56
5,910.00	13.23	346.21	5,886.29	203.92	-60.40	212.06	1.38	1.37	-0.28
5,941.00	13.84	347.97	5,916.43	210.99	-62.02	219.31	2.37	1.97	5.68
5,973.00	13.89	348.67	5,947.50	218.50	-63.57	226.98	0.55	0.16	2.19
6,004.00	14.19	348.40	5,977.57	225.87	-65.07	234.50	0.99	0.97	-0.87
6,036.00	14.85	349.20	6,008.55	233.74	-66.63	242.52	2.16	2.06	2.50
6,067.00	14.94	350.51	6,038.51	241.59	-68.03	250.48	1.12	0.29	4.23
6,098.00	15.07	352.97	6,068.45	249.53	-69.18	258.49	2.10	0.42	7.94
6,129.00	15.86	353.23	6,098.33	257.73	-70.17	266.72	2.56	2.55	0.84
6,161.00	15.64	352.09	6,129.13	266.35	-71.28	275.38	1.19	-0.69	-3.56
6,192.00	15.73	352.27	6,158.98	274.65	-72.42	283.73	0.33	0.29	0.58
6,224.00	16.25	353.67	6,189.74	283.40	-73.50	292.51	2.02	1.62	4.37
6,256.00	16.26	353.33	6,220.46	292.30	-74.51	301.43	0.30	0.03	-1.06
6,287.00	15.91	352.62	6,250.24	300.82	-75.56	309.98	1.30	-1.13	-2.29
6,319.00	16.25	352.00	6,280.99	309.61	-76.75	318.82	1.19	1.06	-1.94
6,350.00	15.64	351.12	6,310.80	318.03	-78.00	327.32	2.12	-1.97	-2.84
6,382.00	15.07	350.87	6,341.66	326.40	-79.33	335.78	1.79	-1.78	-0.78
6,414.00	15.21	352.27	6,372.55	334.67	-80.55	344.12	1.22	0.44	4.37
6,445.00	15.00	353.06	6,402.48	342.68	-81.58	352.17	0.95	-0.68	2.55
6,477.00	14.32	352.97	6,433.43	350.72	-82.57	360.23	2.13	-2.12	-0.28
6,508.00	13.79	352.71	6,463.51	358.19	-83.50	367.74	1.72	-1.71	-0.84
6,540.00	12.34	352.09	6,494.68	365.36	-84.46	374.95	4.55	-4.53	-1.94
6,572.00	11.55	353.23	6,525.98	371.93	-85.31	381.55	2.58	-2.47	3.56
6,603.00	11.99	354.38	6,556.33	378.21	-85.99	387.84	1.61	1.42	3.71
6,635.00	12.00	354.29	6,587.63	384.83	-86.65	394.44	0.07	0.03	-0.28

**Company:** Bill Barrett Corp.  
**Project:** Duchesne Co., UT  
**Site:** Sec.8-T3S-R6W  
**Well:** #14-8D-36 BTR  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well #14-8D-36 BTR  
**TVD Reference:** WELL @ 6544.00usft (H&P 273)  
**MD Reference:** WELL @ 6544.00usft (H&P 273)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDMDBBW

### Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,666.00	11.95	353.15	6,617.96	391.22	-87.35	400.84	0.78	-0.16	-3.68
6,698.00	12.17	353.94	6,649.25	397.87	-88.10	407.50	0.86	0.69	2.47
6,729.00	12.08	352.52	6,679.56	404.33	-88.87	413.98	1.00	-0.29	-4.58
6,761.00	11.00	352.18	6,710.91	410.68	-89.72	420.36	3.38	-3.37	-1.06
6,793.00	10.20	351.39	6,742.37	416.50	-90.56	426.23	2.54	-2.50	-2.47
6,824.00	10.01	353.50	6,772.89	421.89	-91.27	431.65	1.34	-0.61	6.81
6,854.00	9.80	354.73	6,802.44	427.03	-91.80	436.78	0.99	-0.70	4.10
6,886.00	9.45	355.00	6,833.99	432.36	-92.28	442.09	1.10	-1.09	0.84
6,918.00	9.27	356.93	6,865.56	437.55	-92.65	447.25	1.13	-0.56	6.03
6,949.00	9.32	356.84	6,896.16	442.55	-92.92	452.19	0.17	0.16	-0.29
6,981.00	9.40	355.44	6,927.73	447.74	-93.27	457.34	0.75	0.25	-4.37
7,012.00	9.36	353.77	6,958.32	452.77	-93.75	462.36	0.89	-0.13	-5.39
7,044.00	9.05	351.66	6,989.90	457.84	-94.39	467.46	1.43	-0.97	-6.59
7,076.00	9.31	349.45	7,021.49	462.88	-95.23	472.56	1.37	0.81	-6.91
7,106.00	9.22	348.05	7,051.10	467.62	-96.18	477.39	0.81	-0.30	-4.67
7,139.00	9.75	349.45	7,083.65	472.95	-97.23	482.82	1.75	1.61	4.24
7,170.00	8.92	349.37	7,114.24	477.89	-98.16	487.85	2.68	-2.68	-0.26
7,202.00	8.21	349.72	7,145.88	482.58	-99.02	492.61	2.22	-2.22	1.09
7,233.00	7.25	349.10	7,176.60	486.68	-99.79	496.78	3.11	-3.10	-2.00
7,265.00	6.89	351.12	7,208.36	490.56	-100.47	500.72	1.37	-1.12	6.31
7,297.00	6.64	351.57	7,240.13	494.28	-101.03	504.48	0.80	-0.78	1.41
7,328.00	5.98	351.57	7,270.95	497.65	-101.53	507.88	2.13	-2.13	0.00
7,360.00	6.06	349.90	7,302.77	500.97	-102.07	511.23	0.60	0.25	-5.22
7,391.00	5.80	349.64	7,333.60	504.12	-102.64	514.43	0.84	-0.84	-0.84
7,423.00	5.49	347.09	7,365.45	507.20	-103.28	517.58	1.25	-0.97	-7.97
7,455.00	5.23	347.26	7,397.31	510.11	-103.94	520.57	0.81	-0.81	0.53
7,486.00	4.79	348.75	7,428.19	512.76	-104.50	523.27	1.48	-1.42	4.81
7,518.00	4.79	350.35	7,460.08	515.39	-104.99	525.95	0.42	0.00	5.00
7,550.00	4.96	355.08	7,491.96	518.08	-105.33	528.65	1.36	0.53	14.78
7,581.00	5.22	356.93	7,522.84	520.83	-105.52	531.37	0.99	0.84	5.97
7,613.00	5.27	347.14	7,554.71	523.71	-105.93	534.28	2.80	0.16	-30.59
7,644.00	4.74	353.94	7,585.59	526.38	-106.38	536.98	2.56	-1.71	21.94
7,676.00	3.82	353.67	7,617.50	528.75	-106.64	539.35	2.88	-2.87	-0.84
7,708.00	3.17	355.17	7,649.44	530.69	-106.83	541.29	2.05	-2.03	4.69
7,739.00	2.72	353.94	7,680.40	532.28	-106.98	542.87	1.47	-1.45	-3.97
7,771.00	2.33	354.91	7,712.37	533.68	-107.12	544.27	1.23	-1.22	3.03
7,802.00	2.11	353.33	7,743.34	534.87	-107.24	545.47	0.74	-0.71	-5.10
7,834.00	2.06	347.61	7,775.32	536.02	-107.43	546.63	0.67	-0.16	-17.87
7,866.00	1.66	348.58	7,807.31	537.04	-107.64	547.67	1.25	-1.25	3.03
7,897.00	1.31	335.89	7,838.30	537.80	-107.88	548.46	1.54	-1.13	-40.94
7,929.00	0.83	329.07	7,870.29	538.33	-108.15	549.04	1.55	-1.50	-21.31
7,993.00	0.30	276.20	7,934.29	538.75	-108.55	549.53	1.08	-0.83	-82.61
8,056.00	0.57	210.41	7,997.29	538.50	-108.87	549.35	0.83	0.43	-104.43
8,151.00	1.31	197.32	8,092.27	537.05	-109.44	548.06	0.81	0.78	-13.78
8,245.00	1.71	178.07	8,186.24	534.63	-109.71	545.74	0.68	0.43	-20.48
8,340.00	1.40	162.86	8,281.21	532.10	-109.32	543.19	0.54	-0.33	-16.01
8,435.00	0.83	152.84	8,376.19	530.38	-108.66	541.37	0.63	-0.60	-10.55
8,530.00	0.92	202.42	8,471.18	529.06	-108.64	540.08	0.78	0.09	52.19
8,625.00	1.32	193.81	8,566.16	527.29	-109.19	538.47	0.46	0.42	-9.06
8,719.00	1.05	250.32	8,660.14	525.95	-110.26	537.38	1.22	-0.29	60.12
8,814.00	1.14	264.47	8,755.13	525.57	-112.02	537.37	0.30	0.09	14.89
8,908.00	1.14	254.19	8,849.11	525.22	-113.85	537.42	0.22	0.00	-10.94
9,003.00	1.01	246.01	8,944.09	524.63	-115.53	537.19	0.21	-0.14	-8.61
9,098.00	0.79	232.74	9,039.08	523.89	-116.81	536.74	0.32	-0.23	-13.97

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**Survey Calculation Method:** Minimum Curvature  
**Database:** EDMDBBW

### Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,193.00	0.74	229.22	9,134.07	523.09	-117.80	536.16	0.07	-0.05	-3.71
9,288.00	0.62	228.87	9,229.06	522.35	-118.65	535.62	0.13	-0.13	-0.37
9,382.00	0.70	210.15	9,323.06	521.52	-119.32	534.95	0.24	0.09	-19.91
9,477.00	0.77	210.46	9,418.05	520.47	-119.94	534.05	0.07	0.07	0.33
9,572.00	0.66	198.73	9,513.04	519.40	-120.44	533.11	0.19	-0.12	-12.35
9,667.00	1.01	196.70	9,608.03	518.08	-120.85	531.91	0.37	0.37	-2.14
9,761.00	1.01	183.34	9,702.02	516.46	-121.14	530.38	0.25	0.00	-14.21
9,856.00	0.87	198.28	9,797.00	514.94	-121.41	528.95	0.30	-0.15	15.73
9,951.00	1.23	191.52	9,891.99	513.26	-121.84	527.40	0.40	0.38	-7.12
10,046.00	1.32	195.83	9,986.96	511.20	-122.35	525.50	0.14	0.09	4.54
10,141.00	1.36	203.64	10,081.94	509.12	-123.10	523.61	0.20	0.04	8.22
10,235.00	1.27	203.29	10,175.91	507.14	-123.96	521.86	0.10	-0.10	-0.37
10,330.00	1.31	192.31	10,270.89	505.11	-124.60	520.01	0.26	0.04	-11.56
10,425.00	1.53	187.65	10,365.86	502.79	-125.00	517.83	0.26	0.23	-4.91
10,520.00	0.70	176.23	10,460.84	500.96	-125.13	516.06	0.90	-0.87	-12.02
10,615.00	0.97	178.86	10,555.83	499.57	-125.08	514.70	0.29	0.28	2.77
10,710.00	1.27	180.45	10,650.81	497.72	-125.07	512.88	0.32	0.32	1.67
10,805.00	1.66	174.55	10,745.78	495.30	-124.95	510.49	0.44	0.41	-6.21
10,900.00	1.14	172.18	10,840.75	492.99	-124.69	508.18	0.55	-0.55	-2.49
10,995.00	1.45	170.51	10,935.73	490.87	-124.36	506.04	0.33	0.33	-1.76
11,089.00	1.32	174.47	11,029.70	488.62	-124.06	503.77	0.17	-0.14	4.21
11,184.00	1.75	173.50	11,124.67	486.09	-123.79	501.24	0.45	0.45	-1.02
11,278.00	1.93	167.53	11,218.62	483.11	-123.29	498.23	0.28	0.19	-6.35
11,373.00	1.93	175.08	11,313.57	479.96	-122.81	495.04	0.27	0.00	7.95
<b>Last GWDS Survey</b>									
11,417.00	2.02	171.12	11,357.54	478.45	-122.62	493.53	0.37	0.20	-9.00
<b>Projection to Bit</b>									
11,470.00	2.02	171.12	11,410.51	476.61	-122.34	491.67	0.00	0.00	0.00

### Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
121.00	121.00	-0.17	0.06	First GWDS Survey
11,417.00	11,357.54	478.45	-122.62	Last GWDS Survey
11,470.00	11,410.51	476.61	-122.34	Projection to Bit

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

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

FORM 6

C

**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
4301350575	LC Tribal 13H-33-46		SWSW	34	4S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	182	18223	9/17/2011			9/21/2011	
<b>Comments:</b> Green River only formation objective. GRRV BHL: S33 sese			<b>CONFIDENTIAL</b>			3/20/2012	

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350612	14-8D-36 BTR		SESW	8	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	18163	18163	8/7/2011			8/18/2011	
<b>Comments:</b> Green River only formation objective. WSTC BHL: SESW						3/20/2012	

**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	
<b>Comments:</b>							

**ACTION CODES:**

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

RECEIVED  
MAR 08 2012

Venessa Langmacher  
 Name (Please Print)  
Venessa Langmacher  
 Signature  
 Sr Permit Analyst Date  
 Title Date

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 2OG0005608
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43013506120000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>12/25/2012</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" 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.

BBC hereby requests to recomplete the Lower Green River formation.  
 Please see the attached recompletion procedure.

**Accepted by the Utah Division of Oil, Gas and Mining**  
  
**Date:** December 20, 2012  
**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/11/2012	



**14-8D-46 BTR**  
**RECOMPLETE PROCEDURES**  
Section 8-T3S-R6W  
Duchesne County, Utah  
API # 43-013-50612

**December 11, 2012**

**AFE # 16423R**

**OBJECTIVE**

Pull existing rods and tubing, set CIBP above existing perforations, and prepare wellbore for a Lower Green River recomplete. Perforate and frac per the procedure below. Drill out all CBP's, clean out well to CIBP, run tubing and return well to production.

**MATERIAL NEEDS:**

Fresh Water: 1,000 BBL's  
Acid: 60,000 Gallons 15% HCL to be supplied by the service company

**CURRENT WELL STATUS**

Currently the well is producing 35 BOPD, 330 BWPD, and 10 MCFD.

**COMPLETION PROCEDURE**

1. **Safety is the highest priority.** Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up of same, be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull rods and tubing.
6. Flush well with 300 BBL's heated fresh water using workover rig pump.

7. RDMO workover rig and associated equipment.
8. MIRU WL unit and lubricator.
9. RIH with gage ring to 9,300'.
10. RIH with CIBP set at 9,330' MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CIBP to 6,500 psi, hold for 15 minutes, monitor and record bleed off.
13. Perforate Stage 8 of LGR:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
<b>STAGE 8</b>					#1 CIBP 10 K	9,230
<b>GUN SYSTEM</b>	3 1/8					
<b>CHARGE</b>	3104 PJO					
	8907	8908	3	120		
	8930	8931	3	120		
	8947	8948	3	120		
	8965	8966	3	120		
	8979	8980	3	120		
	9001	9002	3	120		
	9025	9026	3	120		
	9052	9053	3	120		
	9059	9060	3	120		
	9068	9069	3	120		
	9076	9077	3	120		
	9097	9098	3	120		
	9113	9114	3	120		
	9132	9133	3	120		
	9141	9142	3	120		
<b>Total</b>			45			

14. MIRU & spot Halliburton Acid equipment.
15. Pressures test all lines to 10,000 psi.
16. Acidize interval # 8 per designs.
17. PU & RIH with CBP and perforating guns.

18. Set CBP @ 8,890'

19. Perforate Stage 9 of Wasatch as follows:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
<b>STAGE 9</b>					#2 10 K	8,890
<b>GUN SYSTEM</b>	3 1/8					
<b>CHARGE</b>	3104 PJO					
	8645	8646	3	120		
	8661	8662	3	120		
	8674	8675	3	120		
	8685	8686	3	120		
	8697	8698	3	120		
	8717	8718	3	120		
	8738	8739	3	120		
	8759	8760	3	120		
	8773	8774	3	120		
	8786	8787	3	120		
	8795	8796	3	120		
	8812	8813	3	120		
	8837	8838	3	120		
	8861	8862	3	120		
	8869	8870	3	120		
<b>Total</b>			45			

20. Acidize interval #9 per design.

21. PU & RIH with CBP and perforating guns.

22. Set CBP @ 8,642'.

23. Perforate Stage 10 of Lower Green River as follows:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
<b>STAGE 10</b>					#3 10 K	8,642
<b>GUN SYSTEM</b>	3 1/8					
<b>CHARGE</b>	3104 PJO					
	8484	8485	3	120		
	8493	8494	3	120		
	8503	8504	3	120		
	8515	8516	3	120		
	8529	8530	3	120		
	8540	8541	3	120		
	8550	8551	3	120		
	8563	8564	3	120		
	8595	8596	3	120		
	8607	8608	3	120		
	8621	8622	3	120		
<b>Total</b>			33			

24. Acidize Lower Green River interval # 10 per design.

25. PU & RIH with CBP and perforating guns.

26. Set CBP @ 8,480'.

27. Perforate Stage 11 of Lower Green River as follows:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
<b>STAGE 11</b>					#4 10 K	8,480
<b>GUN SYSTEM</b>	3 1/8					
<b>CHARGE</b>	3104 PJO					
	8289	8290	3	120		
	8299	8300	3	120		
	8307	8308	3	120		
	8316	8317	3	120		
	8323	8324	3	120		
	8331	8332	3	120		
	8342	8343	3	120		
	8353	8354	3	120		
	8363	8364	3	120		
	8395	8396	3	120		
	8404	8405	3	120		
	8419	8420	3	120		
	8428	8429	3	120		
	8443	8444	3	120		
	8459	8460	3	120		
<b>Total</b>			45			

28. Acidize Lower Green River interval # 11 per design.

29. PU & RIH with CBP and perforating guns.

30. Set CBP @ 8,000'.

31. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.

32. ND frac tree and NU production tree and BOP's.

33. MIRU workover rig unit

34. Drill out CBP's, clean well out to CIBP, and land tubing.

35. Return well to production.

**CASING DATA**

STRING	SIZE	WEIGHT	GRADE	DEPTH
Surface	9-5/8"	36#	J-55	3,579'
Production	5-1/2"	17#	P-110	11,382'

**PRESSURE AND DIMENSIONAL DATA**

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	DRIFT
9 5/8"	36#	J-55	3,520 psi	2,020 psi	8.599"
5 1/2"	17.0#	P-110	10,640 psi	7,460 psi	4.653"

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. 1420H626422		
1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
b. Type of Completion <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other <u>Recompletion</u>		7. Unit or CA Agreement Name and No.
2. Name of Operator BILL BARRETT CORPORATION Contact: VENESSA LANGMACHER E-Mail: vlangmacher@billbarrettcorp.com		8. Lease Name and Well No. 14-8D-36 BTR
3. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202		9. API Well No. 43-013-50612
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 264FSL 2096FWL At top prod interval reported below SESW 786FSL 1977FWL At total depth SESW 741FSL 1974FWL		10. Field and Pool, or Exploratory ALTAMONT
14. Date Spudded 08/07/2011		11. Sec., T., R., M., or Block and Survey or Area Sec 8 T3S R6W Mer UBM
15. Date T.D. Reached 11/07/2011		12. County or Parish DUCHESENE
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/17/2013		13. State UT
17. Elevations (DF, KB, RT, GL)* 6520 GL		
18. Total Depth: MD 11470 TVD 11411	19. Plug Back T.D.: MD 11382 TVD 11314	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, TRIPLE COMBO, BOREHOLE, MUD		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	75.0	0	104	104			0	
12.250	9.625 J-55	36.0	0	3590	3579	410	173	0	
8.750	5.500 P-110	17.0	0	11470	11470	1805	549	4670	15000

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	9356							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	8289	9142	8907 TO 9142	0.440	45	OPEN: STAGE 8
B) GREEN RIVER	9253	11267	8645 TO 8870	0.440	45	OPEN: STAGE 9
C)			8484 TO 8622	0.440	33	OPEN: STAGE 10
D)			8289 TO 8460	0.440	45	OPEN: STAGE 11

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

Depth Interval	Amount and Type of Material
8907 TO 9142	GREEN RIVER: SEE ATTACHED STAGE 8
8645 TO 8870	GREEN RIVER: SEE ATTACHED STAGE 9
8484 TO 8622	GREEN RIVER: SEE ATTACHED STAGE 10
8289 TO 8460	GREEN RIVER: SEE ATTACHED STAGE 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
12/08/2011	02/01/2013	24	→	117.0	66.0	294.0	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	
64/64	SI	200	→	117	66	294	564	POW	

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

**RECEIVED**  
**FEB 20 2013**

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

ELECTRONIC SUBMISSION #199469 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DIV. OF OIL, GAS & MINING

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	4567
				MAHOGANY	5415
				DOUGLAS CREEK	7776
				BLACK SHALE	8287
				CASTLE PEAK	8501
				UTELAND BUTTE	8901
				WASATCH	9250

32. Additional remarks (include plugging procedure):

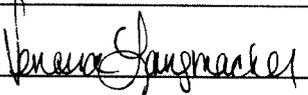
This well was previously producing from the Wasatch formation. A Lower Green River re-complete was done. Attached is the drilling summary for the re-completion. Also, attached is the treatment data.

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 #199469 Verified by the BLM Well Information System.  
For BILL BARRETT CORPORATION, sent to the Vernal

Name (please print) VENESSA LANGMACHER Title SENIOR PERMIT ANALYST  
Signature (Electronic Submission)  Date 02/20/2013

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.

**14-8D-36 BTR Completion Report Continued\***

<b>44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)</b>		
<b>AMOUNT AND TYPE OF MATERIAL</b>		
<b><u>Stage</u></b>	<b><u>BBS Slurry</u></b>	<b><u>15% HCl Acid (gal)</u></b>
8	587	15000 w/ 67 Balls
9	578	15000 w/ 67 Balls
10	574	15000 w/ 54 Balls
11	570	15000 w/ 67 Balls

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



# Bill Barrett Corporation

## 14-8D-36 BTR 1/17/2013 06:00 - 1/18/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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### Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	CTRL	Crew Travel	Road Rig To Location. Hold Safety Meeting.
08:00	1.75	09:45	SRIG	Rig Up/Down	MIRU WorkOver Rig.
09:45	6.25	16:00	PURP	Pull Rod Pump	UnSeat Pump. Flush Rods With 50 Bbls. Heated Water. POOH With Rods, LD.
16:00	1.75	17:45	GOP	General Operations	Back Out Hanger Pins. Had Trouble With One Pin, Took One Hour To Back Out.
17:45	0.25	18:00	LOCL	Lock Wellhead & Secure	Shut In Tubing And BackSide. Well Secure. SDFD.
18:00	1.00	19:00	CTRL	Crew Travel	Crew Travel
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.

## 14-8D-36 BTR 1/18/2013 06:00 - 1/19/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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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. Hold Safety Meeting.
07:00	1.00	08:00	BOPI	Install BOP's	Blow Down Well. NU BOP's. Release TAC. Flush Tubing.
08:00	6.50	14:30	TRIP	Tripping	POOH With Tubing, LD
14:30	0.75	15:15	SRIG	Rig Up/Down	MIRU WL. Pick Up CIBP And Setting Assembly. Flush Casing With 210 Bbls. Water.
15:15	1.25	16:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11/26/2011. Found And Correlated To Short Joint At 9,132 - 9,152'. Drop Down To Depth, Set CIBP At 9,200' POOH. LayDown Tools. WSI And Secured.
16:30	0.75	17:15	SRIG	Rig Up/Down	RigDown WireLine, MOL. Shut In And Secure Well. SDFD.
17:15	1.25	18:30	CTRL	Crew Travel	Crew Travel.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

## 14-8D-36 BTR 1/19/2013 06:00 - 1/20/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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### Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	Travel To Location. Hold Safety Meeting.
07:00	1.00	08:00	BOPR	Remove BOP's	BlowDown Well. ND BOP's.
08:00	2.50	10:30	IWHD	Install Wellhead	NU Frac Mandrel, Test. NU Frac Tree. WSI And Secured.
10:30	2.00	12:30	SRIG	Rig Up/Down	RigDown WorkOver, MOL.
12:30	17.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

## 14-8D-36 BTR 1/20/2013 06:00 - 1/21/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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### Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Set 3 Frac Tanks And 2 FBT's.

## 14-8D-36 BTR 1/21/2013 06:00 - 1/22/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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### Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Fill Frac Tanks. Set 2 Acid Tanks. Rig Up FlowBack And SandTrap.



# Bill Barrett Corporation

## 14-8D-36 BTR 1/23/2013 06:00 - 1/24/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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### Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Heat Frac Tanks. HES Load And Mix Acid Tanks.

## 14-8D-36 BTR 1/24/2013 06:00 - 1/25/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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### Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.92	12:55	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment. Pick Up Lubricator, Test Lubricator, Arm Gun, Rig Up To Well.
12:55	1.08	14:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11/26/2011. Found And Correlated To Short Joint At 5,128 - 5,164'. Drop Down To Depth, Perforate Stage 8 CR-1/UteLand Butte Zone, 8,907 - 9,142'. 45 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

## 14-8D-36 BTR 1/25/2013 06:00 - 1/26/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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### Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.
06:00	0.25	06:15	FRAC	Frac. Job	Acidize Stage 8. Open Well, 0 Psi. ICP. BrokeDown At 9.4 Bpm And 2,849 Psi.. Pump 7500 Gals. 15% HCL Drop 67 Bio Balls With 7500 Gals. 15% HCL. Flush With 2% KCL To 15 Bbls. Over Bottom Perf. Volume. Get ISDP, 1,397 Psi.. 0.68 Psi./Ft. F.G.. WSI And Secured. Total Clean - 24,243 Gals.. 579 Bbls.. BWTR - 579 Bbls. Max. Rate - 44.7 Bpm Avg. Rate - 31.5 Bpm Max. Psi. - 3,795 Psi. Avg. Psi. - 2,586 Psi.
06:15	0.42	06:40	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
06:40	1.33	08:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11/26/2011. Found And Correlated To Short Joint At 5,128 - 5,164'. Drop Down To Depth, Set CFP At 8,890'. 300 Psi.. Perforate Stage 9 Castle Peak Zone, 8,645 - 8,870'. 45 Holes. 200 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
08:00	0.09	08:05	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
08:05	0.33	08:25	FRAC	Frac. Job	Acidize Stage 9. Open Well, 0 Psi. ICP. BrokeDown At 9.0 Bpm And 2,200 Psi.. Pump 7500 Gals. 15% HCL Drop 67 Bio Balls With 7500 Gals. 15% HCL. Flush With 2% KCL To 15 Bbls. Over Bottom Perf. Volume. Get ISDP, 2,145 Psi.. 0.71 Psi./Ft. F.G.. WSI And Secured. Total Clean - 24,377 Gals.. 580 Bbls.. BWTR - 580 Bbls. Max. Rate - 45.5 Bpm Avg. Rate - 31.7 Bpm Max. Psi. - 3,740 Psi. Avg. Psi. - 2,696 Psi.
08:25	0.25	08:40	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.



# Bill Barrett Corporation

## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:40	1.08	09:45	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11/26/2011. Found And Correlated To Short Joint At 5,128 - 5,164'. Drop Down To Depth, Set CFP At 8,634'. 2,100 Psi.. Perforate Stage 10 Castle Peak/Black Shale Zone, 8,484 - 8,622'. 33 Holes. 0 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
09:45	0.09	09:50	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
09:50	0.42	10:15	FRAC	Frac. Job	Acidize Stage 10. Open Well, 0 Psi. ICP. BrokeDown At 9.9 Bpm And 1,319 Psi.. Pump 7500 Gals. 15% HCL Drop 54 Bio Balls With 7500 Gals. 15% HCL. Flush With 2% KCL To 15 Bbls. Over Bottom Perf. Volume. Get ISDP, 1,430 Psi.. 0.63 Psi./Ft. F.G.. WSI And Secured. Total Clean - 24,939 Gals.. 594 Bbls.. BWTR - 594 Bbls. Max. Rate - 45.4 Bpm Avg. Rate - 30.2 Bpm Max. Psi. - 3,758 Psi. Avg. Psi. - 2,372 Psi.
10:15	0.25	10:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
10:30	1.25	11:45	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11/26/2011. Found And Correlated To Short Joint At 5,128 - 5,164'. Drop Down To Depth, Set CFP At 8,471'. 500 Psi.. Perforate Stage 11 Black Shale Zone, 8,289 - 8,460'. 45 Holes. 0 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:45	0.17	11:55	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
11:55	0.41	12:20	FRAC	Frac. Job	Acidize Stage 11. Open Well, 0 Psi. ICP. BrokeDown At 9.8 Bpm And 2,133 Psi.. Pump 7500 Gals. 15% HCL Drop 67 Bio Balls With 7500 Gals. 15% HCL. Flush With 2% KCL To 15 Bbls. Over Bottom Perf. Volume. Get ISDP, 1,169 Psi.. 0.60 Psi./Ft. F.G.. WSI And Secured. Total Clean - 24,171 Gals.. 576 Bbls.. BWTR - 576 Bbls. Max. Rate - 46.8 Bpm Avg. Rate - 29.4 Bpm Max. Psi. - 3,537 Psi. Avg. Psi. - 1,958 Psi.
12:20	0.17	12:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.
12:30	1.00	13:30	PFRT	Perforating	RIH With 3 1/8" Sinker Bars And CBP Setting Tool Assembly. Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-08-2011 And SLB CBL/CCL Dated 11/26/2011. Found And Correlated To Short Joint At 5,128 - 5,164'. Drop Down To Depth, Set CFP At 8,240'. 400 Psi.. Bleed Pressure Off Well. POOH. LayDown Tools, Verify All Shots Fired, WSI And Secured.
13:30	2.50	16:00	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

## 14-8D-36 BTR 1/26/2013 06:00 - 1/27/2013 06:00

API/UWI 43-013-50612	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,470.0	Primary Job Type Recompletion
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## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	GOP	General Operations	WAITING ON RIG TI MOVE IN.
10:30	2.00	12:30	RMOV	Rig Move	ROAD RIG FROM 16-2D-46 TO LOCATION.
12:30	2.50	15:00	SRIG	Rig Up/Down	SPOT AND RUSU. BLEED OFF 1250 PSI. NO FLOW. ND FRAC VAVLES. NU BOP. RU FLOOR AND TBG EQUIP. SPOT CATWALK AND PIPE RACKS. MOVE TBG.
15:00	3.00	18:00	RUTB	Run Tubing	MU 4-3/4" BIT, BIT SUB, 1-JTS TBG, 2.31 XN NIPPLE (PLUG INSTALLED), RIH AS PU 2-7/8" L-80 TBG. HAVE 130-JTS IN, EOT AT 4120'. DRAIN AND WINTERIZE EQUIP. SDFN.



# Bill Barrett Corporation

## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

## 14-8D-36 BTR 1/27/2013 06:00 - 1/28/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Recompletion

## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. JSA.
07:00	1.50	08:30	PUMP	Pump Test	LAY PMP LINES AND PUMP DOWN TBG TO ENSURE CIRC.
08:30	2.00	10:30	RUTB	Run Tubing	CONT RIH W/ 4-3/4" BIT AS PU 2-7/8" TBG. TAG CBP #1 AT 8240'. RU PWR SWIVEL.
10:30	3.00	13:30	BOPT	Pressure Test BOP's	PMP DOWN TBG TO FILL AND EST CIRC. SHUT PIPE RAMS AND PRES TEST TO 2300 PSI. GOOD. OPEN RAMS. START N2 FOAM DOWN TBG TO UNLOAD HOLE. (FOAM UNIT BROKE DOWN, R&M THEN CONT UNLOAD HOLE) TBG 1300 PSI, FCP 600 PSI.
13:30	4.50	18:00	DOPG	Drill Out Plugs	D/O PLUG AT 8240' IN 10 MIN. FCP 700 PSI. RIH. D/O PLUG AT 8471' IN 15 MIN. FCP 300 PSI. RIH. D/O PLUG AT 8634' IN 15 MIN. FCP 300 PSI. RIH. D/O PLUG AT 8890' IN 15 MIN. FCP 300 PSI. RIH. C/O TO CIBP AT 9200' WITH 291-JTS IN MIN. CIRC CLEAN. PUMP 20 BBLS WTR.
18:00	1.50	19:30	PULT	Pull Tubing	RD PWR SWIVEL. POOH AS LD 31-JTS TBG. REMOVE STRING FLOAT. DRAIN AND WINTERIZE EQUIP. SDFN.
19:30	10.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

## 14-8D-36 BTR 1/28/2013 06:00 - 1/29/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Recompletion

## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL
07:00	0.50	07:30	GOP	General Operations	START AND FUEL EQUIP. SITP 900, SICP 1050.
07:30	0.50	08:00	WKLL	Kill Well	PUMP 60 BBLS DOWN TBG.
08:00	2.00	10:00	IWHD	Install Wellhead	LUBE IN AND LAND 7" 5K HANGER WITH 260-JTS IN, EOT AT 8267.60'. RD FLOOR. ND BOP. NU AND PLUMB IN WH.
10:00	1.50	11:30	WLWK	Wireline	RU DELSCO AND RETRIEVE XN PLUG FROM 8230'. RD DELSCO.
11:30	1.00	12:30	GOP	General Operations	WELL NOT FLOWING. RU SWAB EQUIP.
12:30	2.00	14:30	SWAB	Swab Well Down	IFL 1500'. MADE 8 RUNS TO RECOVER 30 BBLS. BEG WTR THEN MAKING MORE OIL.
14:30	1.50	16:00	FBCK	Flowback Well	WELL FLOWING WITH FTP 100. WOULD FLOW TO TANK BUT NOT TO TREATER. MONITOR WELL. PRESSURE CAME DOWN TO 50 PSI
16:00	0.75	16:45	SWAB	Swab Well Down	MAKE 1 SWAB RUN TO GET WELL FLOWING TO TANKS. FTP 100.
16:45	0.25	17:00	FBCK	Flowback Well	TURN WELL OVER TO FBC AND SALES.
17:00	13.00	06:00	GOP	General Operations	CREW TRAVEL. WELL TURNED OVER TO FBC BUT NOT GOING TO TREATER. SHUT WELL IN.

## 14-8D-36 BTR 1/29/2013 06:00 - 1/30/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50612	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,470.0	Recompletion

## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL.
07:00	2.00	09:00	FBCK	Flowback Well	SITP 450, SICP 900. OPEN TBG TO TREATER. PRES CAME DOWN TO 140 PSI. BYPASS TREATER. MADE 10 BBL IN 30 MIN. 50 PSI. RECIEVE WORD TO RUN RODS.
09:00	2.00	11:00	BOPI	Install BOP's	LAY PMP LINES. PMP 50 BBLS DOWN TBG. PMP 40 BBLS DOWN CSG. ND WH. NU BOP. RU FLOOR.
11:00	0.75	11:45	PULT	Pull Tubing	LUBE OUT HANGER. POOH W/ 76-JTS TBG. OIL IN TBG. WAIT FOR HOT OILER
11:45	1.25	13:00	HOIL	Hot Oil Well	FLUSH TBG W/ 60 BBLS HOT WTR.
13:00	1.50	14:30	PULT	Pull Tubing	POOH W/ 185-JTS TBG. PUMP DOWN CSG AS POOH.
14:30	2.00	16:30	RUTB	Run Tubing	MU PROD BHA AND RIH W/ TBG IN DERRICK. 260-JTS IN. TAC ABOVE PERFS. SDFN.
16:30	0.50	17:00	GOP	General Operations	SWIFN. CLEAN WORK AREA.



**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
17:00	12.00	05:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

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

FORM 6

C

**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
4301350612	14-8D-36 BTR		SESW	8	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	18163	18163	8/7/2011		12/9/2013		
<b>Comments:</b> Producing Green River and Wasatch Formations.							

**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		
<b>Comments:</b>							

**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		
<b>Comments:</b>							

**ACTION CODES:**

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

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

2/20/2013

Title

Date

**RECEIVED**

**FEB 22 2013**

Div. of Oil, Gas & Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 142OH626422	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE	
		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> 14-8D-36 BTR		
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43013506120000		
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8134 Ext	<b>9. FIELD and POOL or WILDCAT:</b> CEDAR RIM	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0264 FSL 2096 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 08 Township: 03.0S Range: 06.0W Meridian: U		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/24/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="updated lease"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
The tribal lease has been earned for this well. The new lease number is 14 20 H62 6422			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 01, 2015</b>			
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/31/2015	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: 142OH626422
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE  7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-8D-36 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013506120000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
9. FIELD and POOL or WILDCAT: CEDAR RIM	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0264 FSL 2096 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/31/2017  <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 checked="" 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.

Well was shut in on 6/1/15 due to a failed rod pump. Due to low commodity prices/high failure rates well has been left SI. On 5/31/16 well will be SI for 1 year. Current economics don't justify the WO required to RTP. For this reason BBC is requesting an add'l 1 year SI, before a MIT is required, until 5/31/17. Well currently has 0 psi tbg, 2150 psi csg, 9 psi Braden Head. With minimal to zero Braden Head pressure & 2150 psi csg pressure, it is evident that the 5-1/2" inter csg has full integrity & all formations are protected. Csg pressure was too high to shoot fluid level. Fluid gun max is 1500psi. Last producing fluid level was 6200ft from surface on 12/3/14 with TOC at 4550ft. Well is shut in at the wellhead & all surface equipment has been drained/winterized. Well is on an active route & checked frequently for surface/downhole issues. Well would be RTP if economics justify

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

Date: May 04, 2016  
 By: *Dark Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 4/7/2016

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

Effective Date: 11/1/2016

<b>FORMER OPERATOR:</b>	<b>NEW OPERATOR:</b>
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:**

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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

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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

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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

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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

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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

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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

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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		9. API NUMBER:
FOOTAGES AT SURFACE: (see attached well list)		10. FIELD AND POOL, OR WILDCAT:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY:
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit In Duplicate) Approximate date work will start: <u>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**

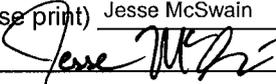
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	✓	
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

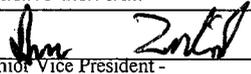
TRANSFER OF AUTHORITY TO INJECT

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

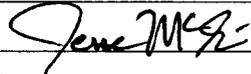
CURRENT OPERATOR

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

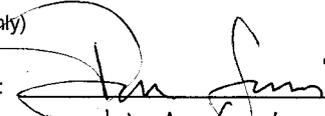
Name: Duane Zavadil  
Signature:   
Senior Vice President -  
Title: EH&S, Government and Regulatory Affairs  
Date: 10/20/16

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: VIC Geologist

Approval Date: 11/3/16

Comments:

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

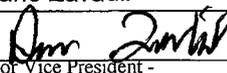
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

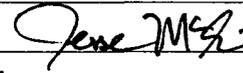
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

**CURRENT OPERATOR**

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadil</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: <u></u>
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President -</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: <u></u>
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:   
Title: VIC

Approval Date: 11/3/16

Comments:

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

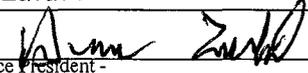
UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

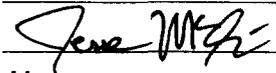
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well  Footage : 0539 FSL 0704 FEL  County : DUCHESNE	Field or Unit Name CEDAR RIM
	Lease Designation and Number 2OG0005608
QQ, Section, Township, Range: SESE 9 3S 6W	State : UTAH

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&amp;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.*