

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				FORM 3 AMENDED REPORT <input type="checkbox"/>		
APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER 16-13-46 BTR		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT ALTAMONT		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
6. NAME OF OPERATOR BILL BARRETT CORP				7. OPERATOR PHONE 303 312-8164		
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202				9. OPERATOR E-MAIL dspencer@billbarrettcorp.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 20G0005608		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') UTE		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	747 FSL 680 FEL	SESE	13	4.0 S	6.0 W	U
Top of Uppermost Producing Zone	747 FSL 680 FEL	SESE	13	4.0 S	6.0 W	U
At Total Depth	747 FSL 680 FEL	SESE	13	4.0 S	6.0 W	U
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 747		23. NUMBER OF ACRES IN DRILLING UNIT 640		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 5477		26. PROPOSED DEPTH MD: 8300 TVD: 8300		
27. ELEVATION - GROUND LEVEL 6487		28. BOND NUMBER LPM 8874725		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City Culinary Water Dock		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input 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 type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Elaine Winick		TITLE Sr. Permit Analyst		PHONE 303 293-9100		
SIGNATURE		DATE 11/05/2010		EMAIL ewinick@billbarrettcorp.com		
API NUMBER ASSIGNED 4301350468000		 Permit Manager				

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

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	14.75	10.75	0	3000		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	3000	45.5			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	8300		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	8300	17.0			

DRILLING PLAN

BILL BARRETT CORPORATION
16-13-46 BTR
SESE, 747' FSL, 680' FEL, Section 13-T4S-R6W (surface)
Duchesne County, Utah

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

<u>Formation</u>	<u>Depth - MD</u>
Lower Green River	3941'
Douglas Creek	4776'
Black Shale	5596'
Castle Peak	5836'
Wasatch	6341'
TD	8300'

*PROSPECTIVE PAY

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

4. Casing Program

A) Planned Program

<u>Hole Size</u>	<u>SETTING DEPTH (FROM) (TO)</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
26"	Surface	80'	16"	65#			
14 3/4"	surface	3000'	10-3/4"	45.5#	J or K 55	BT&C	New
9-7/8" & 7-7/8"	surface	TD	5 1/2"	17#	P-110	LT&C	New

NOTE: If necessary due to lost circulation, BBC would like to request the option to set 7-5/8", 33.70# P-110 LT&C to a depth of 6000', then drill a 6-1/2" hole to TD and run 5-1/2" casing as a 2000' liner (200' liner lap).

5. Cementing Program

A) Planned Program

<u>16" Conductor Casing</u>	<u>Grout</u>
14-3/4" hole for 10-3/4" Surface Casing	Lead with approximately 790 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. Tail with approximately 360 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx). Calculated hole volume with 75% excess.
9-7/8 hole for 5 1/2" Production Casing May reduce hole size to 7-7/8" at 6000' if minimal hole problems.	Lead with approximately 420 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). Tail with approximately 890 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Planned TOC 2500'.

'APIWellNo:43013504680000'

NOTE: If 7-5/8" casing is necessary at 6000', we would cement with 250 sx of 12.7 PPG lead 50/50 Poz with 8% gel (1000' of fill with 100% excess, yield 1.80 cuft/sx) and 200 sx of 15.8 ppg tail Class G or H (500' of fill with 100% excess, yield 1.18 cuft/sx.) We will perform a FIT to 10.2 ppg after drilling 20' of new hole.

The 5-1/2" liner would be cemented with 300 sx of Class G 50/50 Poz w/ 2% gel (14.2 ppg) with additives from TD to 200' above TOL.

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 – 9.7	42-52	20 cc or less	DAP Polymer Fluid System

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

7. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 3,000'	No pressure control required
3,000' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary and choke manifold to be rated @ 5000 psi;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

8. Auxiliary Equipment

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

9. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

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

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4187 psi* and maximum anticipated surface pressure equals approximately 2361 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)

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4704 psi* and maximum anticipated surface pressure equals approximately 2878 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

11. Location and Type of Water Supply

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

12. Drilling Schedule

Location Construction: Approximately November 1, 2011
Spud: Approximately November 15, 2011
Duration: 15 days drilling time
45 days completion time

PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

B. Pressure Rating: 3,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

F. Miscellaneous Information:

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

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



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: 16-13-46 BTR

Surface Hole Data:

Total Depth:	3,000'
Top of Cement:	0'
OD of Hole:	14.750"
OD of Casing:	10.750"

Calculated Data:

Lead Volume:	2433.9	ft ³
Lead Fill:	2,500'	
Tail Volume:	486.8	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

SK's Lead: **790**

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

SK's Tail: **360**

Production Hole Data:

Total Depth:	8,300'
Top of Cement:	2,500'
Top of Tail:	5,000'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	947.2	ft ³
Lead Fill:	2,500'	
Tail Volume:	1250.5	ft ³
Tail Fill:	3,300'	

Cement Data:

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

Calculated # of Sacks:

SK's Lead: **420**

SK's Tail: **890**

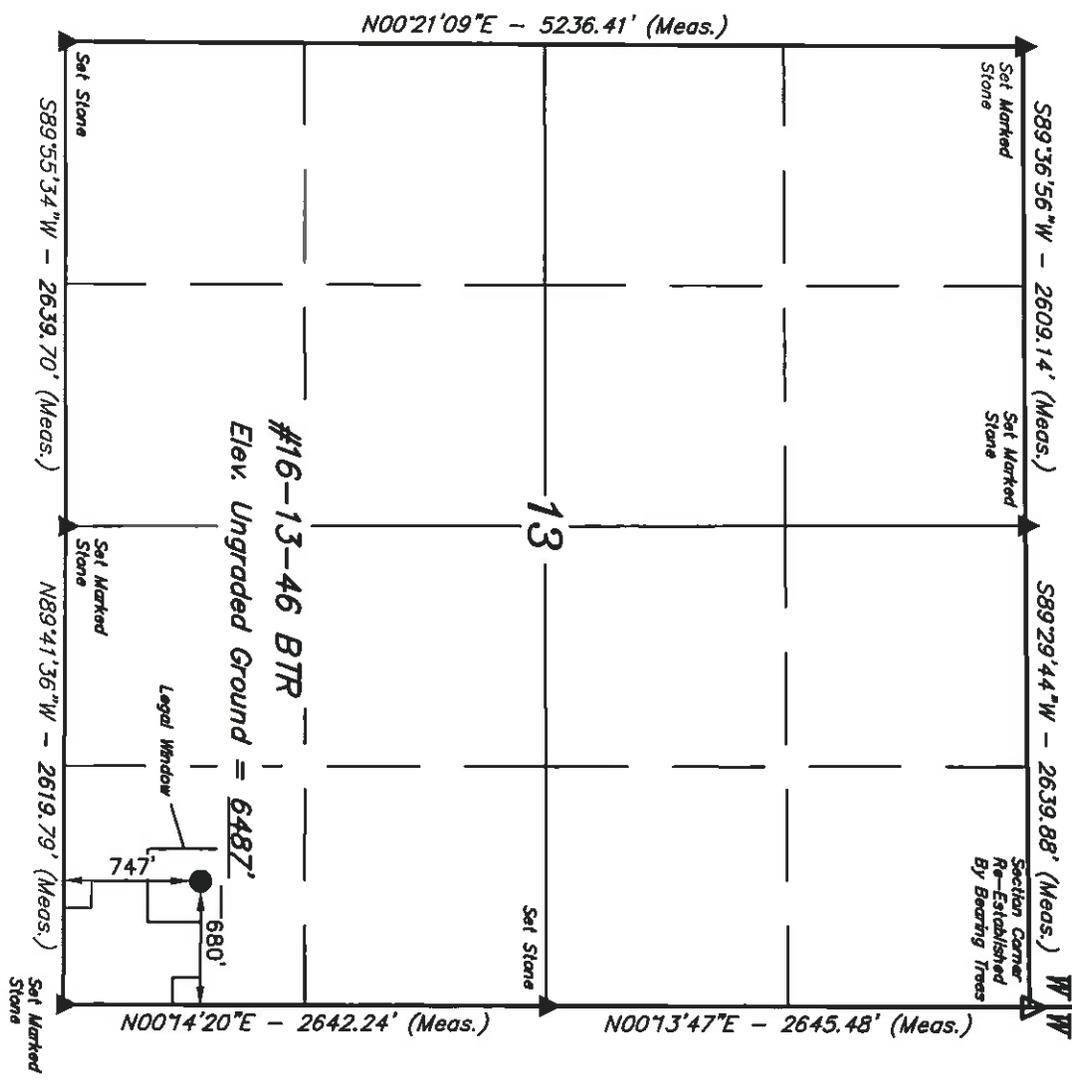
16-13-46 BTR Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (2500' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 2,500'
	Volume: 433.46 bbl
	Proposed Sacks: 790 sks
Tail Cement - (TD - 2500')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 2,500'
	Calculated Fill: 500'
	Volume: 86.69 bbl
	Proposed Sacks: 360 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (5000' - 2500')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 2,500'
	Calculated Fill: 2,500'
	Volume: 168.70 bbl
	Proposed Sacks: 420 sks
Tail Cement - (8300' - 5000')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 5,000'
	Calculated Fill: 3,300'
	Volume: 222.70 bbl
	Proposed Sacks: 890 sks

T4S, R6W, U.S.B.&M.

R R
6 5
W W



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

(NAD 28)
 LATITUDE = 40°07'39.81" (40.127725)
 LONGITUDE = 110°30'16.74" (110.504650)
 (NAD 27)
 LATITUDE = 40°07'39.96" (40.127767)
 LONGITUDE = 110°30'14.18" (110.503939)

BILL BARRETT CORPORATION

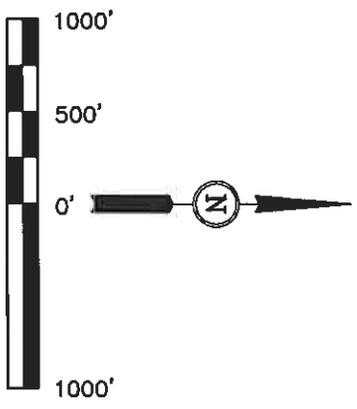
Well location, #16-13-46 BTR, located as shown in the SE 1/4 SE 1/4 of Section 13, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESSNE SE, QUADRANGLE, UTAH, DUCHESSNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

BASIS OF BEARINGS

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

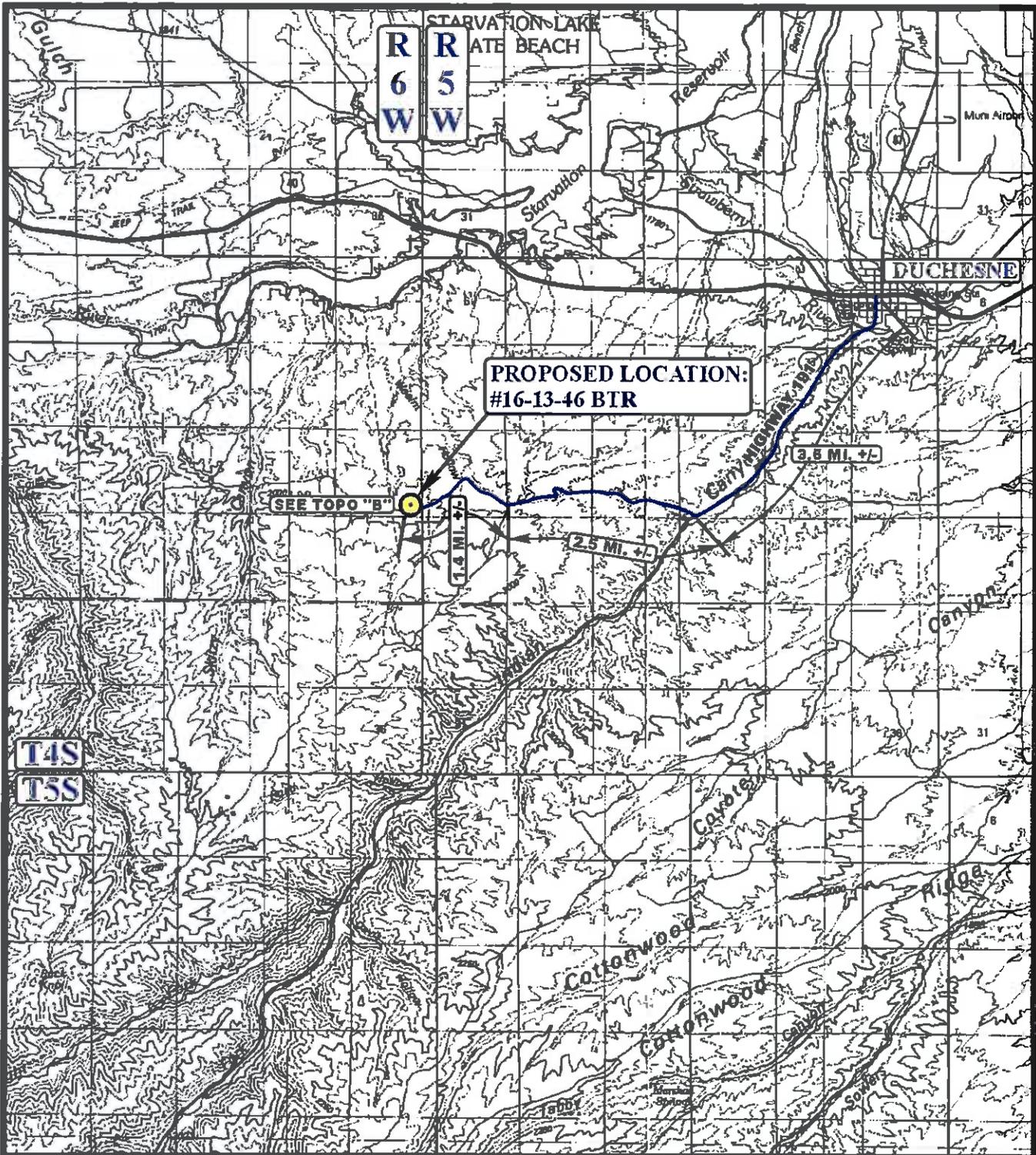


CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PREPARED LAND SURVEY 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.

ROBERT W. [Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UNTIAH ENGINEERING & LAND SURVEYING	
85 SOUTH 200 EAST - VERNAL, UTAH 84078	
(435) 789-1017	
SCALE 1" = 1000'	DATE SURVEYED: 7-14-10
PARTY C.R. B.H. C.C.	DATE DRAWN: 08-12-10
WEATHER HOT	REFERENCES G.L.O. PLAT
FILE BILL BARRETT CORPORATION	



LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

#16-13-46 BTR
 SECTION 13, T4S, R6W, U.S.B.&M.
 747' FSL 680' FEL



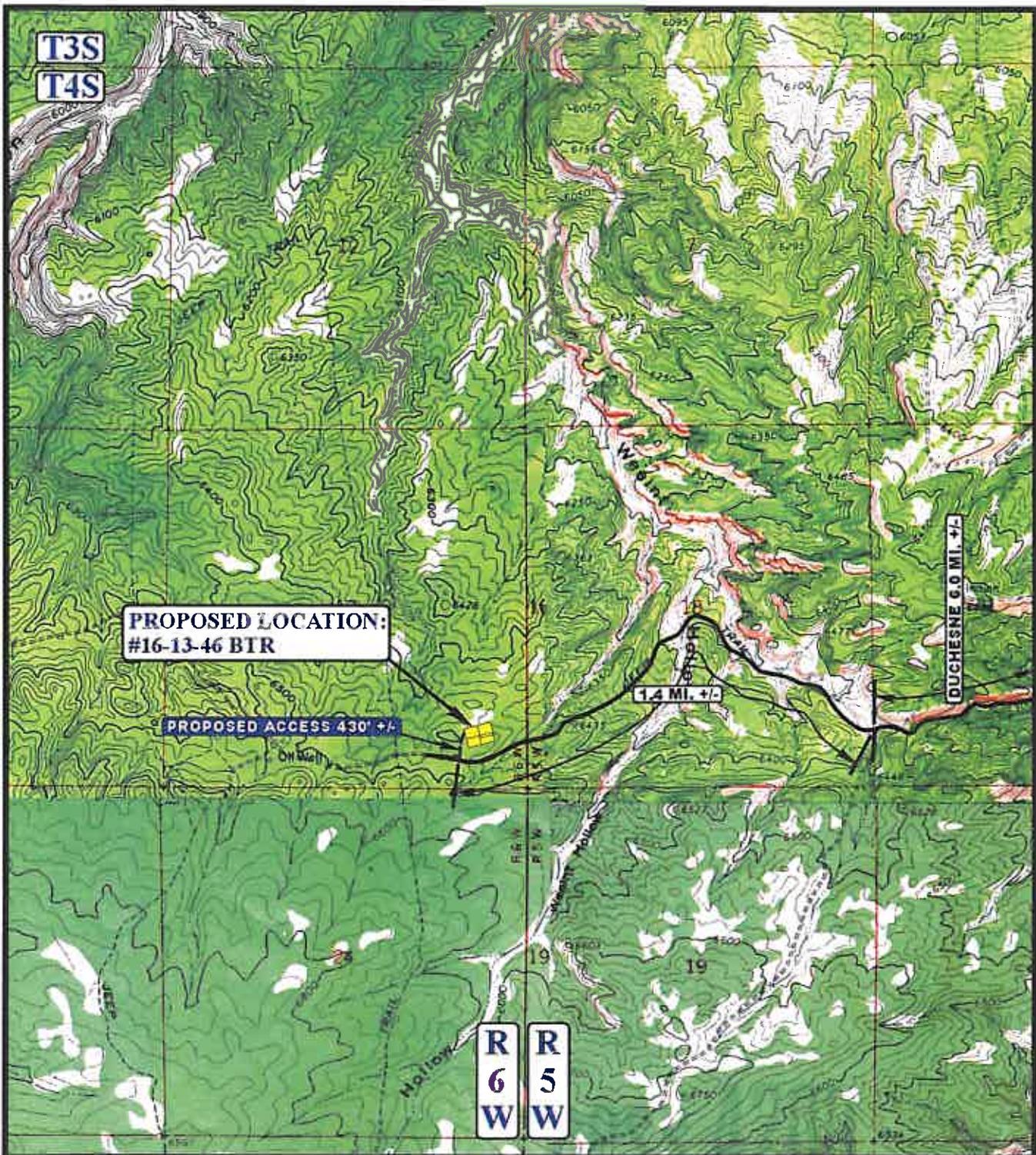
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 07 21 10
MAP MONTH DAY YEAR

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



'APIWellNo:43013504680000'



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



BILL BARRETT CORPORATION

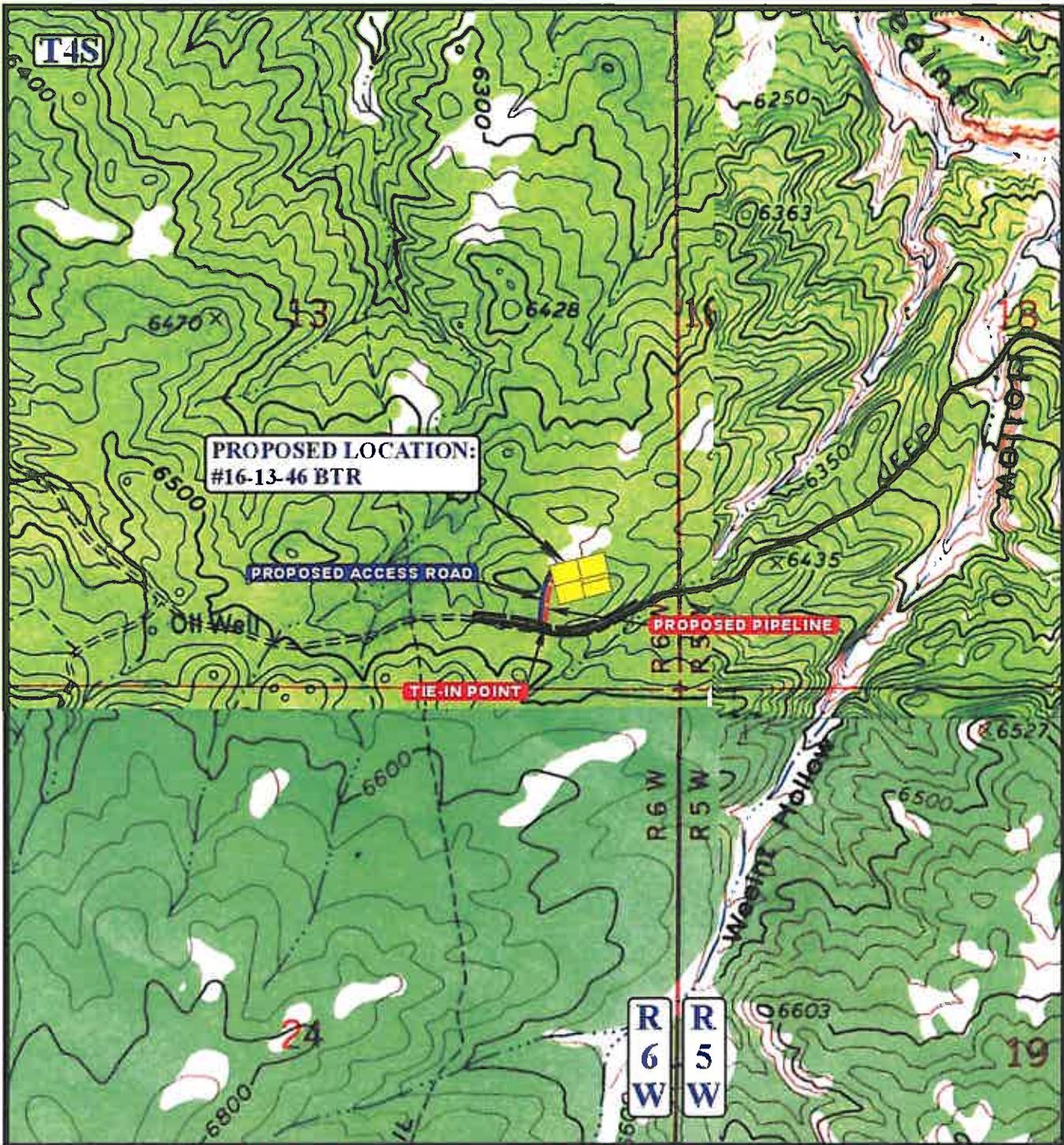
#16-13-46 BTR
 SECTION 13, T4S, R6W, U.S.B.&M.
 747' FSL 680' FEL



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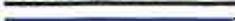
TOPOGRAPHIC 07 21 10
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 399' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



BILL BARRETT CORPORATION

#16-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL

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

TOPOGRAPHIC 07 21 10
MAP MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: Z.L. REVISED: 00-00-00

C
TOPO

'APIWellNo:43013504680000'

BILL BARRETT CORPORATION

#16-13-46 BTR

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 13, T4S, R6W, U.S.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



UELS

Uintah Engineering & Land Surveying

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

- Since 1964 -

LOCATION PHOTOS

07 21 10
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R.

DRAWN BY: Z.L.

REVISED: 00-00-00

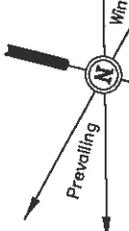
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

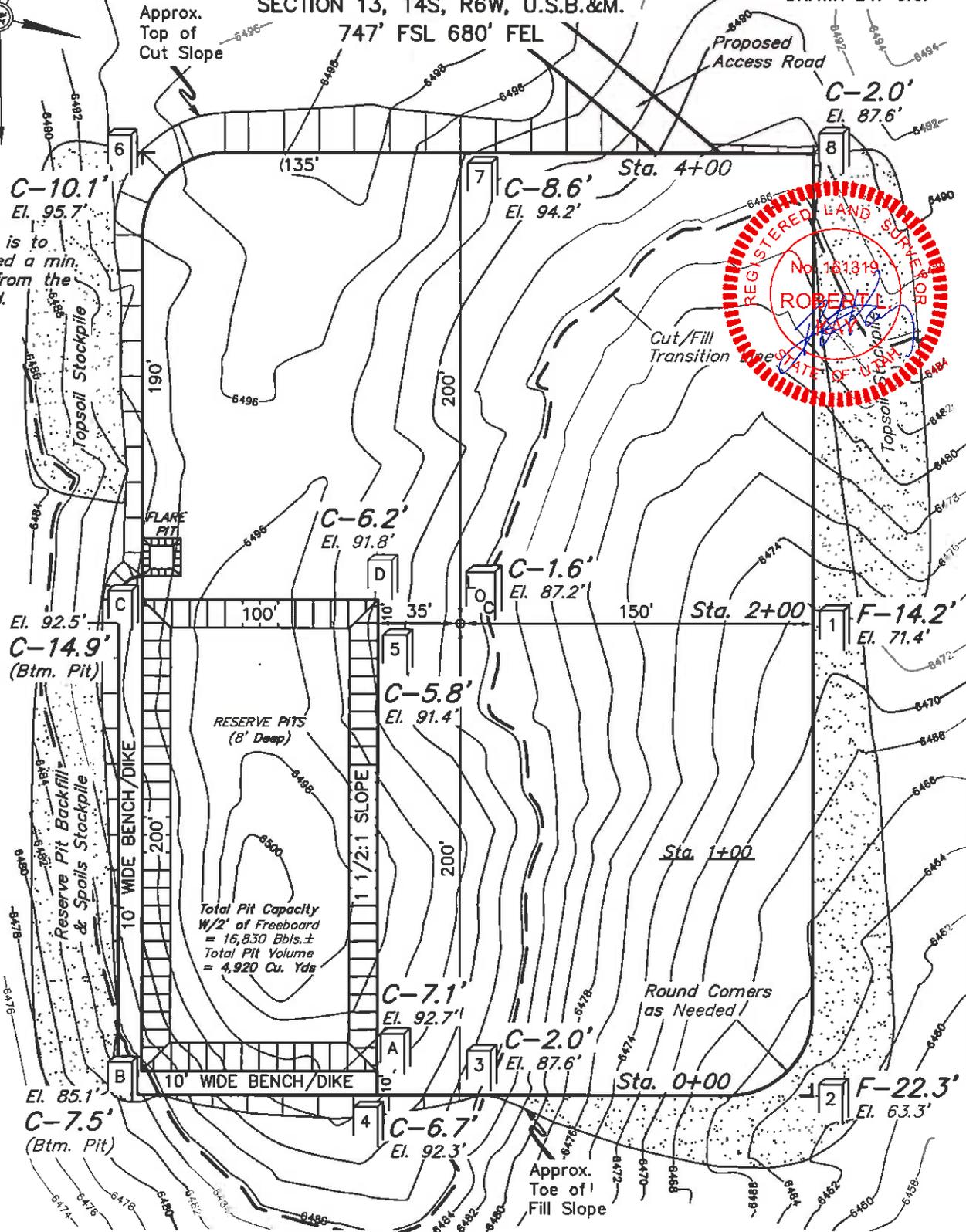
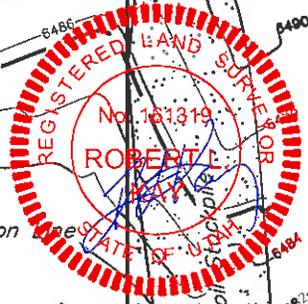
**#16-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL**

FIGURE #1

SCALE: 1" = 60'
DATE: 08-12-10
DRAWN BY: C.C.



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



RESERVE PITS (8' Deep)
Total Pit Capacity
W/2' of Freeboard
= 16,830 Bbls.±
Total Pit Volume
= 4,920 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 6487.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 6485.6'

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

'APIWellNo:43013504680000'

BILL BARRETT CORPORATION

FIGURE #2

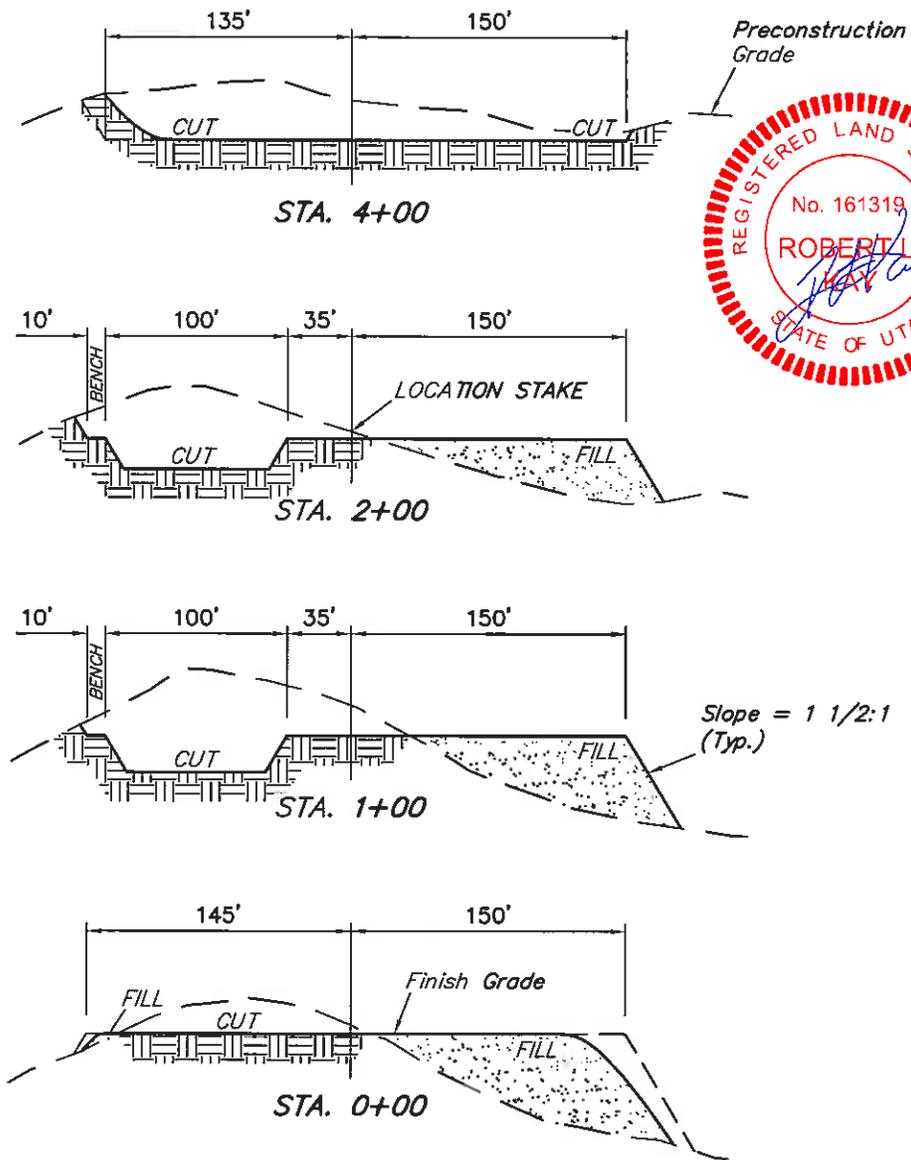
TYPICAL CROSS SECTION FOR

#16-13-46 BTR

SECTION 13, T4S, R6W, U.S.B.&M.

747' FSL 680' FEL

1" = 40'
X-Section Scale
1" = 100'
DATE: 08-12-10
DRAWN BY: C.C.



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.461 ACRES
ACCESS ROAD DISTURBANCE = ± 0.296 ACRES
PIPELINE DISTURBANCE = ± 0.275 ACRES
TOTAL = ± 4.032 ACRES

*** NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 5,140 Cu. Yds.
Remaining Location = 22,960 Cu. Yds.
TOTAL CUT = 28,100 CU.YDS.
FILL = 19,790 CU.YDS.

EXCESS MATERIAL = 8,310 Cu. Yds.
Topsoil & Pit Backfill = 7,600 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 710 Cu. Yds.
(After Interim Rehabilitation)

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

'APIWellNo:43013504680000'

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

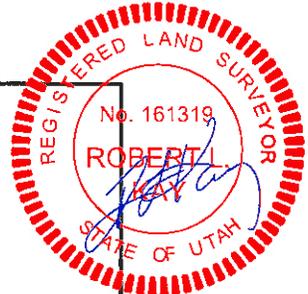
**#16-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL**

FIGURE #3

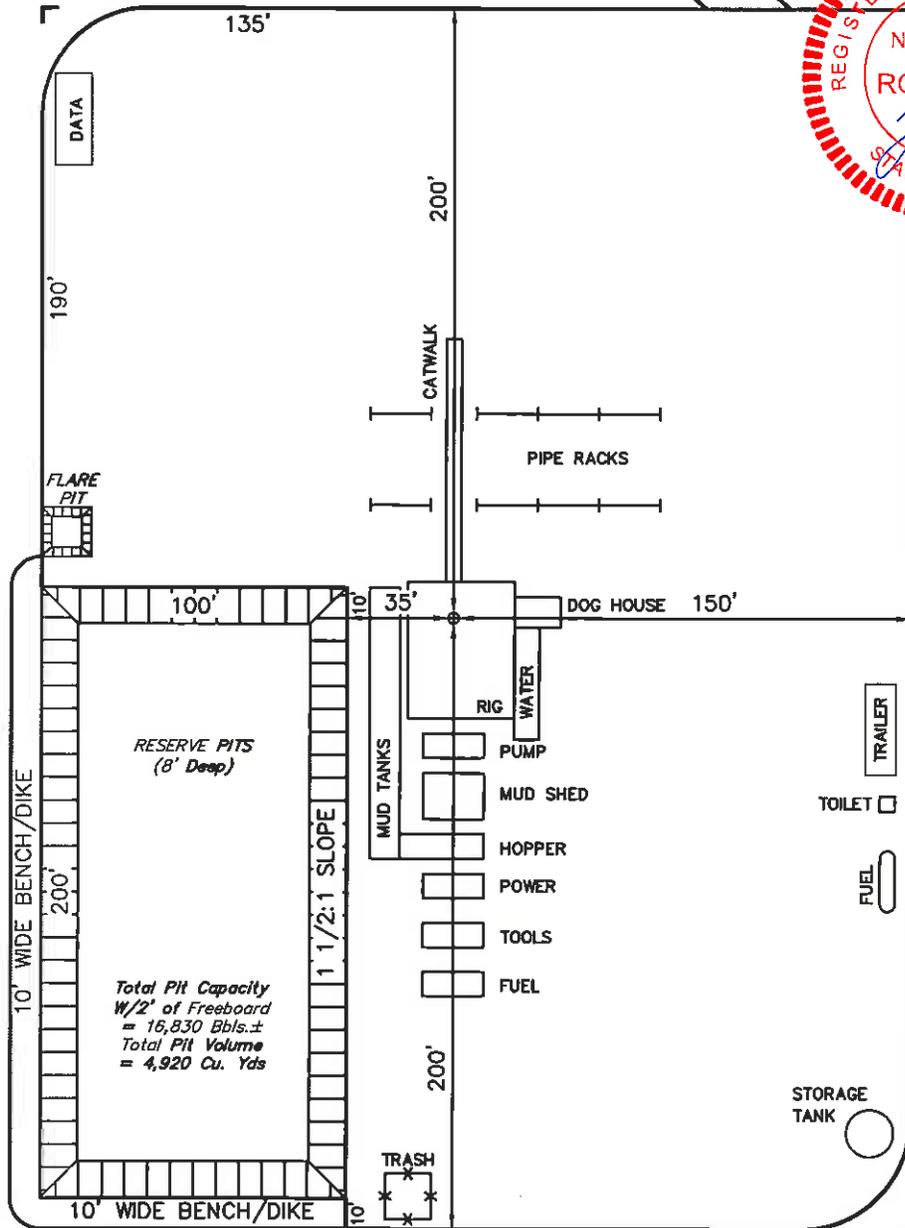
SCALE: 1" = 60'
DATE: 08-12-10
DRAWN BY: C.C.



Proposed
Access Road



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



'APIWellNo:43013504680000'

BILL BARRETT CORPORATION
#16-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.

PROCEED IN A SOUTHERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 191 APPROXIMATELY 3.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 430' TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 7.5 MILES.

SURFACE USE PLAN

BILL BARRETT CORPORATION

16-13-46 BTR Well Pad

SESE, 747' FSL & 680' FEL, Section 13, T4S, R6W, USB&M
Duchesne County, Utah

The Ute Tribal onsite for this location was conducted on September 24, 2010.

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 7.5 miles southwest of Duchesne, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic maps A and B).
 - b. The existing Bill Barrett Corporation maintained Skitzzy Road would be utilized for access to the proposed access 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.
 - f. All existing roads would be maintained and kept in good repair during all phases of operation.

2. Planned Access Road:
 - a. Approximately 430 feet of new access road is proposed entering the west side of the pad area (see Topographic Map B).

- b. A tribal right of way (ROW) is applied for and pending approval (total ROW acreage = 0.296 ac). The road would be constructed to a 30-foot ROW width with an 18-foot travel surface.
- c. New road construction and improvements of existing roads would typically require the use of motor graders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- e. A maximum grade of 10% would be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private or State of Utah lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Turnouts are not proposed because the access road is short and adequate site distance exists in all directions.
- i. No culverts or low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.
- j. No 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.

- l. All access roads and surface disturbing activities would conform to the appropriate standard, **no higher than necessary**, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition – Revised 2007.
- m. The operator would be responsible for all maintenance needs of the new access road.

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

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

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

4. Location of Production Facilities

- a. Surface facilities would consist of a wellhead, separator, gas meter, (1) 500 gal methanol tank, (1) 500 glycol tank, (2) 500 bbl oil tanks, (1) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, a pumping unit with natural gas fired motor, solar panels, solar chemical and methanol pumps and one trace pump.
- b. Most wells would be fitted with a pump jack to assist liquid production if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (75 horsepower or less), natural gas-fired internal combustion engines.
- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.
- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR

3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
 - f. Approximately 399 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 the existing Skitzzy area pipeline corridor.
 - g. The new segment of gas pipeline would be surface laid line within a 30 foot wide pipeline ROW (0.275 acres). The pipeline ROW has been applied for and is pending approval at this time.
 - 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 Juniper Green, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
 - k. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.
 - l. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
5. Location and Type of Water Supply:
- a. Water for the drilling and completion would be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W, USB&M.
 - b. No new water well is proposed with this application.

- c. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights. Additionally, the Ute Tribe would be notified of any changes in water supply.
- d. Water use would vary in accordance with the formations to be drilled but would be up to approximately 3.64 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 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:

- 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
- 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 CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- 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.

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. Site reclamation would be accomplished for portions of the well pad not required for the continued operation of the well on this pad within six months of completion, weather permitting.
- b. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal. 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.
- c. 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.

- d. 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 with the Ute Tribe specified seed mix.
- e. 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 Ute Tribe prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

11. Surface and Mineral Ownership:

- a. Surface & Mineral ownership – Ute Indian Tribe - 988 South 7500 East (Annex Building); Ft. Duchesne, Utah 84026; 435-725-4950. Tribal ROWs are pending.

12. Other Information:

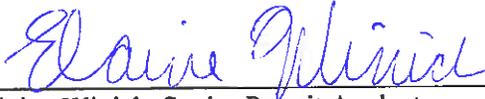
- a. Montgomery Archaeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 10-122, dated July 31, 2010.
- b. BBC would require that their personnel, contractors, and 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

OPERATOR CERTIFICATION

Certification:

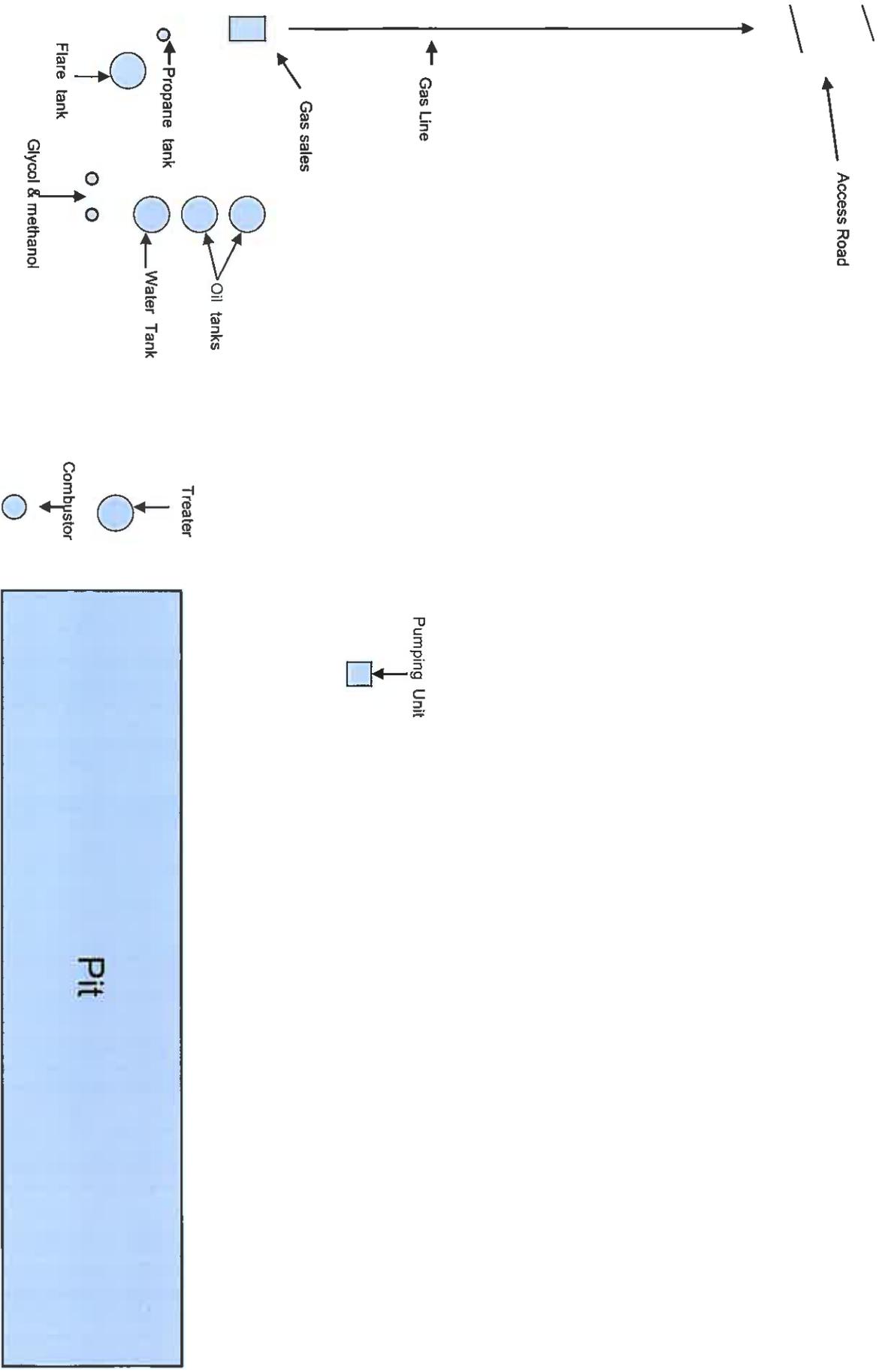
I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made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

Executed this	<u>5</u> day of <u>November</u> 2010
Name:	Elaine Winick
Position Title:	Senior Permit Analyst
Address:	1099 18 th Street, Suite 2300, Denver, CO 80202
Telephone:	303-312-8168
E-mail:	ewinick@billbarrettcorp.com
Field Representative	Kary Eldredge / Bill Barrett Corporation
Address:	1820 W. Highway 40, Roosevelt, UT 84066
Telephone:	435-725-3515 (office); 435-724-6789 (mobile)
E-mail:	keldredge@billbarrettcorp.com



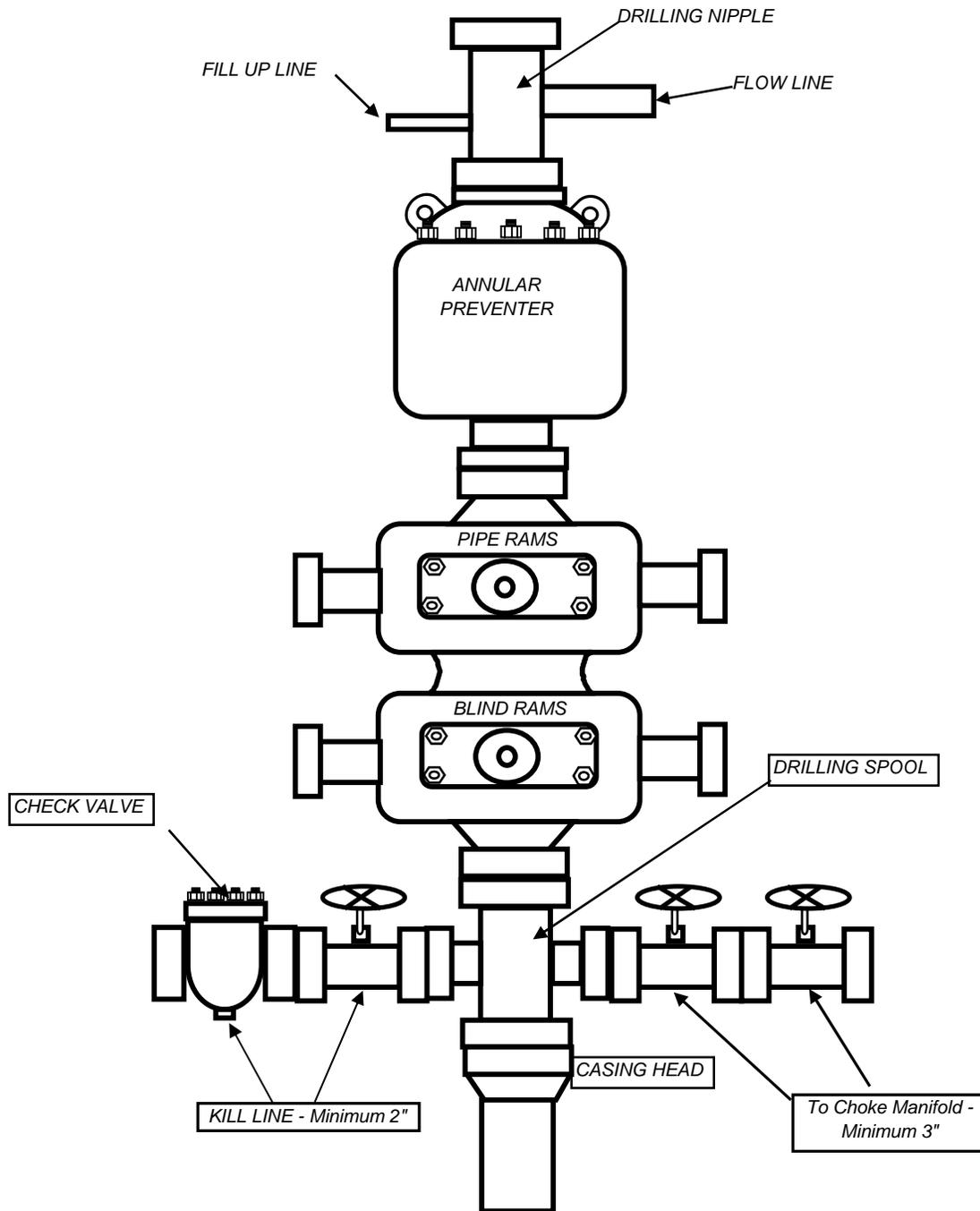
Elaine Winick, Senior Permit Analyst

16-13-46 BTR Facility Diagram



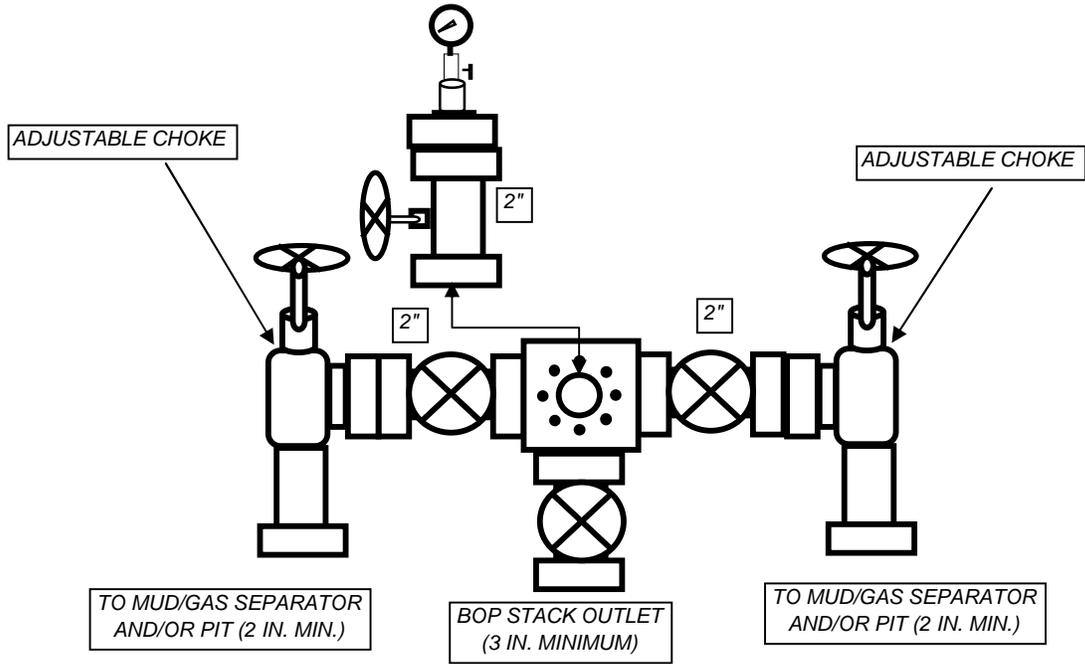
BILL BARRETT CORPORATION

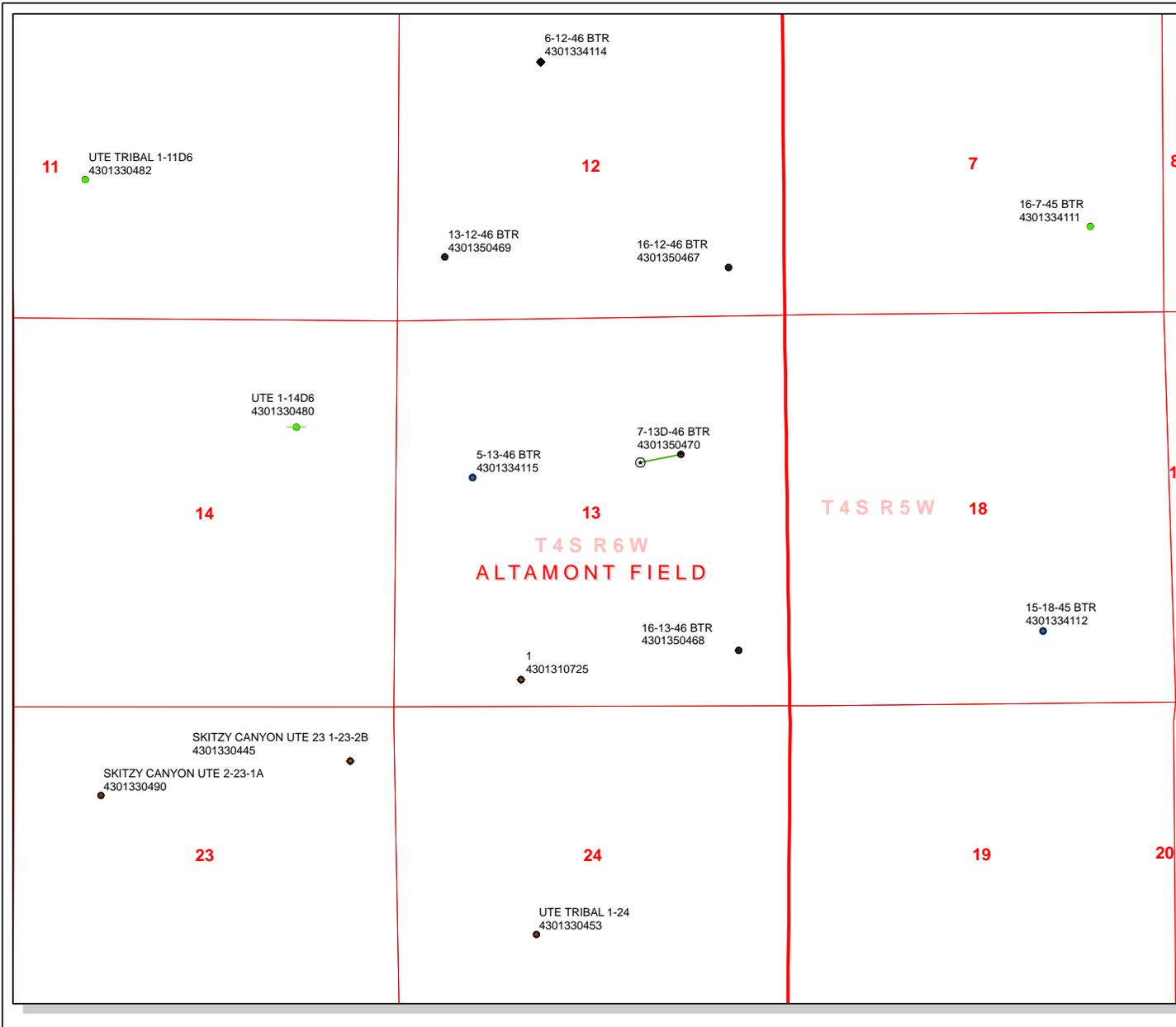
TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

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

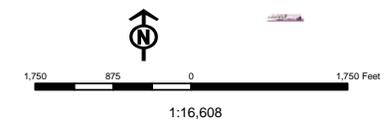




API Number: 4301350468
Well Name: 16-13-46 BTR
Township 04.0 S Range 06.0 W Section 13
Meridian: UBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	✕ <call other values>
ACTIVE	◆ APD - Approved Permit
EXPLORATORY	⊙ DRL - Spudded (Drilling Commenced)
GAS STORAGE	⊙ 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
Fields	⊙ SGW - Shut-in Gas Well
Sections	⊙ SOW - Shut-in Oil Well
Township	⊙ TA - Temp. Abandoned
Bottom Hole Location - AGRC	⊙ TW - Test Well
	⊙ WDW - Water Disposal
	⊙ WW - Water Injection Well
	⊙ WSW - Water Supply Well



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/5/2010

WELL NAME: 16-13-46 BTR

OPERATOR: BILL BARRETT CORP (N2165)

CONTACT: Elaine Winick

API NO. ASSIGNED: 43013504680000

PHONE NUMBER: 303 293-9100

PROPOSED LOCATION: SESE 13 040S 060W

SURFACE: 0747 FSL 0680 FEL

BOTTOM: 0747 FSL 0680 FEL

COUNTY: DUCHESNE

LATITUDE: 40.12770

UTM SURF EASTINGS: 542284.00

FIELD NAME: ALTAMONT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 2OG0005608

SURFACE OWNER: 2 - Indian

Permit Tech Review:

Engineering Review:

Geology Review:

LONGITUDE: -110.50373

NORTHINGS: 4441839.00

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

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

Commingle Approved

LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: 16-13-46 BTR
API Well Number: 43013504680000
Lease Number: 2OG0005608
Surface Owner: INDIAN
Approval Date: 11/16/2010

Issued to:

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

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of 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.

Notification Requirements:

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

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

Reporting Requirements:

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

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month

- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

RECEIVED

RECEIVED

NOV 8 2010
FORM APPROVED
No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 14-20-H62-6368
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 UTE
2. Name of Operator Bill Barrett Corporation		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. 16-13-46 BTR
3b. Phone No. (include area code) 303-312-8168		9. API Well No. 43-013-50468
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESE 747 FSL 680 FEL At proposed prod. zone SESE 747 FSL 680 FEL		10. Field and Pool, or Exploratory ALTAMONT
14. Distance in miles and direction from nearest town or post office* 7.5 MILES SW OF DUCHESNE, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec 13 T4S R6W Mer UBM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 747	16. No. of acres in lease 640	12. County or Parish DUCHESNE
17. Spacing Unit dedicated to this well 160	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 5477	19. Proposed Depth 8300 MD 8300 TVD	20. BLM/BIA Bond No. on file LPM8874725
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6487 GL	22. Approximate date work will start* 11/01/2011	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, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Elaine Winick</i>	Name (Printed/Typed) ELAINE WINICK	Date 3/2/11 11/05/2010
---------------------------------------	---------------------------------------	------------------------------

Title
SENIOR PERMIT ANALYST

Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) Jerry Kenczka	Date APR 08 2011
---	---------------------------------------	---------------------

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

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

CONDITIONS OF APPROVAL ATTACHED

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

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

UDOGM

NOS 8/27/10
10SS0425AE

RECEIVED

APR 13 2011

DIV. OF OIL, GAS & MINING



**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: 16-13-46 BTR
API No: 43-013-50468

Location: SESE, Sec. 13, T4S, R6W
Lease No: 14-20-H62-6368
Agreement: N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

Well Numbers:

The Ute Tribal 1-13D-47 BTR, 7-13D-46 BTR, 16-13-46 BTR, 13-12-46 BTR, 16-12-46 BTR.

Additional Stipulations:

- Production Equipment will be painted Yuma Green to help blend into the surrounding vegetation.

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.
- Bill Barrett Corporation will adhere to any applicant committed measures found in the Black Tail Ridge Exploratory Natural Gas Development and Leasing Project Environmental Assessment No. U&O-FY11-Q2-021.
- 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 shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall 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/GR shall be run from TD to surface on the production casing or the intermediate casing and liner.
- Cement for the production or intermediate casing string shall be brought 200 feet above the surface casing shoe.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 16-13-46 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT 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: 8/1/2011 <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 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: 50px;" type="text"/>

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

This sundry is being requested to change the name to 13H-13-46 BTR. BBC is also requesting permission to change this well from a vertical well to a horizontal well. The surface location will remain the same as previously approved. Bottom hole requested: SW SW 810' FSL and 810' FWL, Sec. 13, T4S - R6W Attached please find revised survey plats, drilling program, directional plan and horizontal letter. BBC also requests confidential status for this location.

Approved by the Utah Division of Oil, Gas and Mining

Date: 08/01/2011

By:

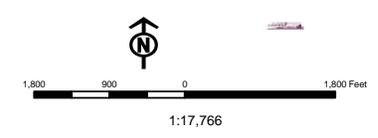
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 6/24/2011	



API Number: 4301350468
Well Name: 13H-13-46 BTR
 Township T0.4 . Range R0.6 . Section 13
 Meridian: UBM
 Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

- | | |
|-----------------------------|------------------------------------|
| Units | Wells Query |
| STATUS | Status |
| 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 | LDC - New Location |
| PP GAS | OPS - Operation Suspended |
| PP GEOTHERML | PA - Plugged Abandoned |
| PP OIL | PGW - Producing Gas Well |
| SECONDARY | POW - Producing Oil Well |
| TERMINATED | RET - Returned APD |
| Fields | SGW - Shut-in Gas Well |
| STATUS | SGW - Shut-in Oil Well |
| Unknown | TA - Temp. Abandoned |
| ABANDONED | TW - Test Well |
| ACTIVE | WDW - Water Disposal |
| COMBINED | WW - Water Injection Well |
| INACTIVE | WSW - Water Supply Well |
| STORAGE | |
| TERMINATED | |
| Sections | |
| Township | |
| Bottom Hole Location - AGRC | |





June 24, 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: Horizontal Drilling
#13H-13-46 BTR
Section 13, T4S-R6W, U.S.B.&M.
Duchesne County, Utah**

**Surface Hole Location: 747' FSL & 680' FEL, SESE, 13-T4S-R6W, USB&M
Bottom Hole Location: 810' FSL & 810' FWL, SWSW, 13-T4S-R6W, USB&M**

Dear Ms. Mason:

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

- Tribal Exploration and Development Agreement #14-20-H62-5608, which includes all of the subject Section 13 and other lands, allows for the drilling of the #13H-13-46 well. In November of 2010, BBC drilled the 5-13-46 BTR Well and earned BIA Lease #14-20-H62-6368, covering 640 "deep depth" acres being further described in the Exploration and Development Agreement.
- The #13H-13-46 BTR will be perforated no less than 640 feet from the Section 13 Tribal Lease boundary, in accordance with R649-3-2(3).

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

Sincerely,

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Venessa Jangmache' with a small mark below it.

David Watts
Landman

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

Jun. 24, 2011

BILL BARRETT CORPORATION

#13H-13-46 BTR

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 13, T4S, R6W, U.S.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



Since 1964 -

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

LOCATION PHOTOS			07	21	10	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: C.R.		DRAWN BY: Z.L.		REVISED: 06-08-11		

RECEIVED Jun. 24, 2011

T4S, R6W, U.S.B.&M.

R6W

BILL BARRETT CORPORATION

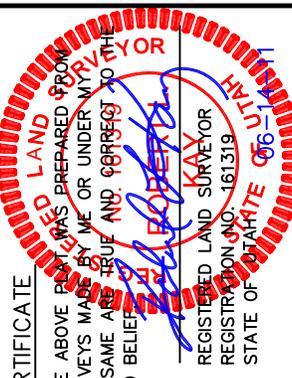
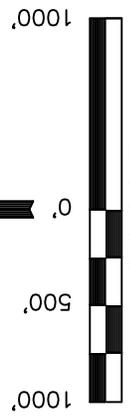
Well location, #13H-13-46 BTR, located as shown in the SE 1/4 SE 1/4 of Section 13, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE, 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 6097 FEET.

BASIS OF BEARINGS

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



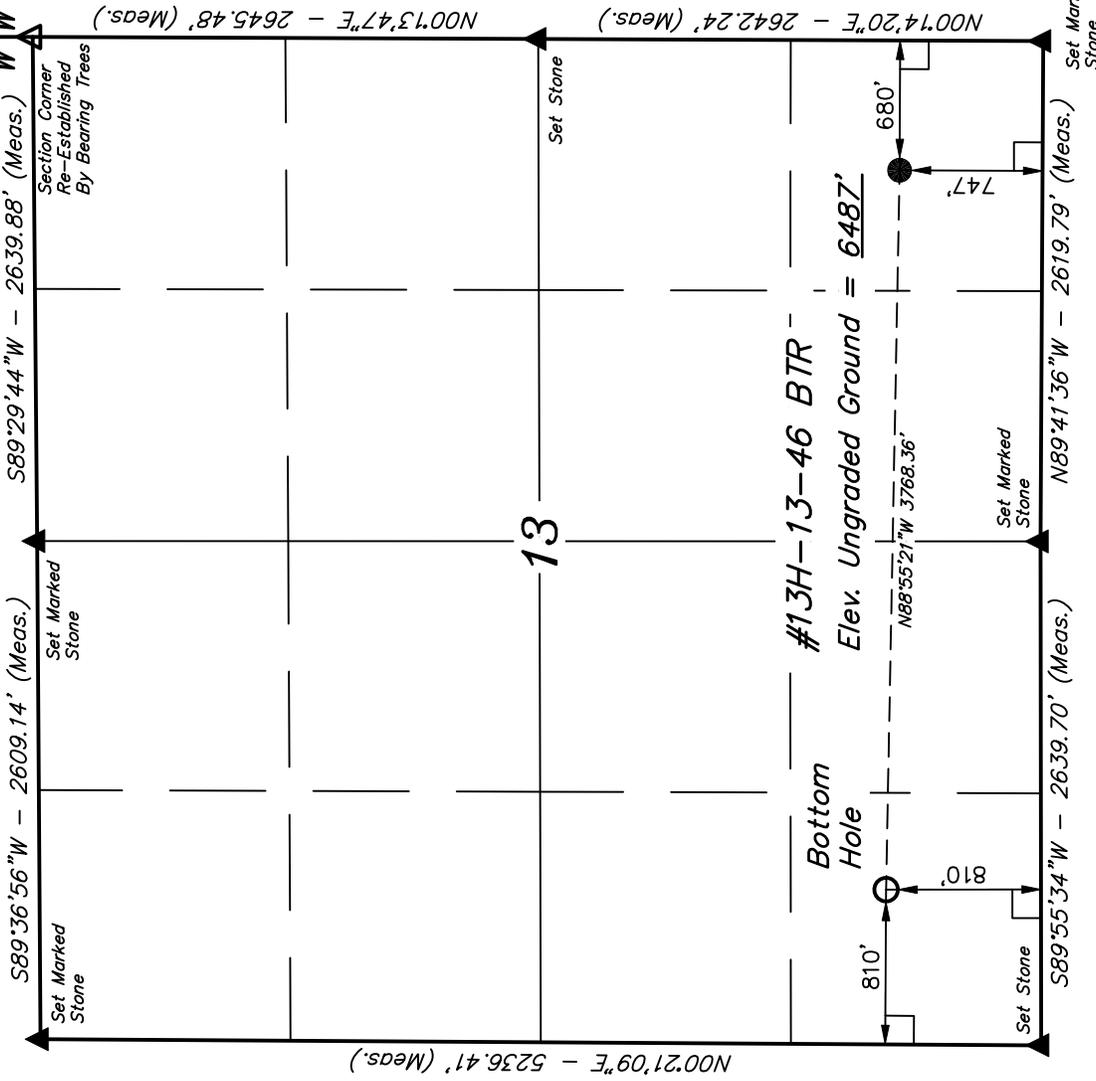
REVISED: 06-08-11

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	7-14-10	DATE DRAWN:	08-12-10
PARTY	C.R. B.H. C.C.	REFERENCES	G.L.O. PLAT		
WEATHER	HOT	FILE	BILL BARRETT CORPORATION		



LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 28 (SURFACE LOCATION)
LATITUDE = 40°07'40.44" (40.127900)	LATITUDE = 40°07'39.81" (40.127725)
LONGITUDE = 110°31'05.23" (110.518119)	LONGITUDE = 110°30'16.74" (110.504650)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°07'40.60" (40.127944)	LATITUDE = 40°07'39.96" (40.127767)
LONGITUDE = 110°31'02.67" (110.517408)	LONGITUDE = 110°30'14.18" (110.503939)

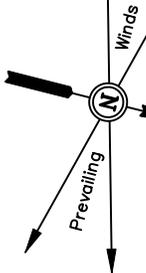
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

#13H-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL

FIGURE #1

SCALE: 1" = 60'
DATE: 08-12-10
DRAWN BY: C.C.
REVISED: 06-08-11

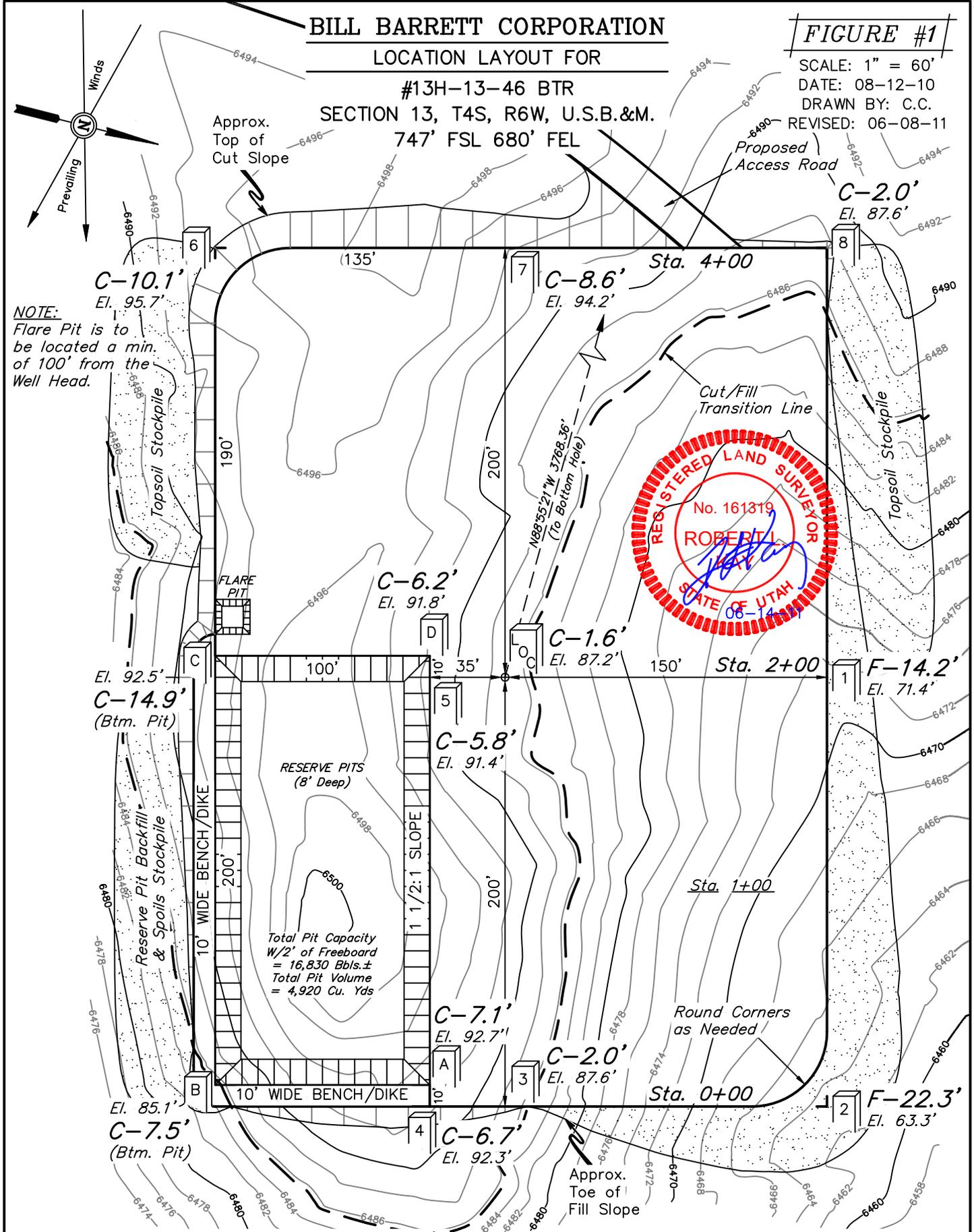
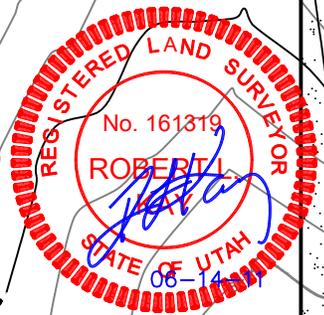


Approx. Top of Cut Slope

Proposed Access Road

NOTE:

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



RESERVE PITS (8' Deep)

Total Pit Capacity W/2' of Freeboard = 16,830 Bbbls.±
Total Pit Volume = 4,920 Cu. Yds

Round Corners as Needed

Approx. Toe of Fill Slope

Elev. Ungraded Ground At Loc. Stake = 6487.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 6485.6'

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

FIGURE #2

BILL BARRETT CORPORATION

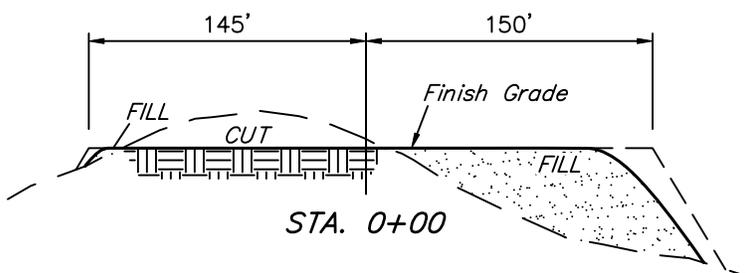
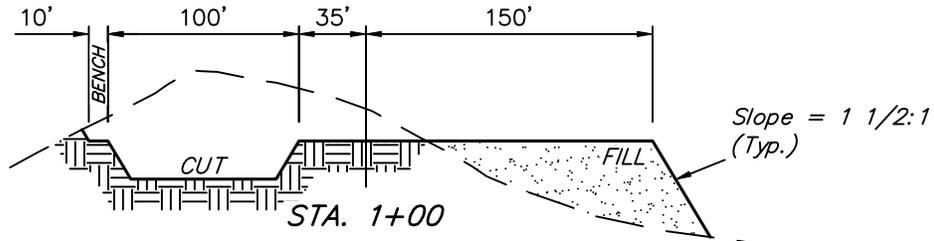
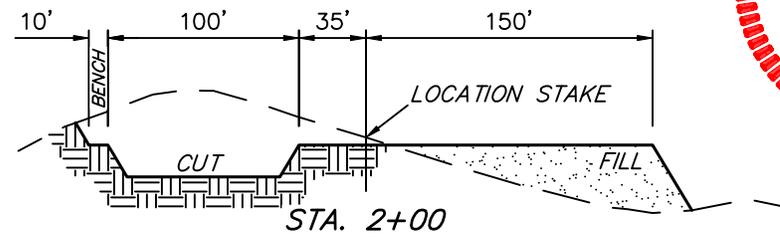
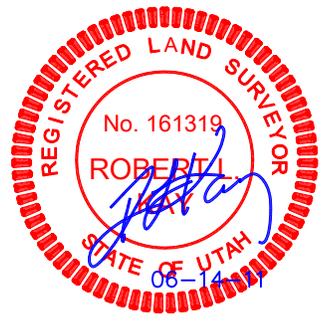
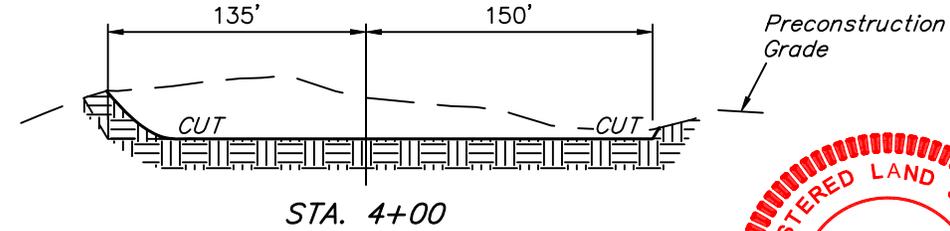
TYPICAL CROSS SECTION FOR

#13H-13-46 BTR

SECTION 13, T4S, R6W, U.S.B.&M.

747' FSL 680' FEL

1" = 40'
 X-Section Scale
 1" = 100'
 DATE: 08-12-10
 DRAWN BY: C.C.
 REVISED: 06-08-11



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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 3.461 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.296 ACRES
PIPELINE DISTURBANCE	= ± 0.275 ACRES
TOTAL	= ± 4.032 ACRES

*** NOTE:**
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping	= 5,140 Cu. Yds.
Remaining Location	= 22,960 Cu. Yds.
TOTAL CUT	= 28,100 CU.YDS.
FILL	= 19,790 CU.YDS.

EXCESS MATERIAL	= 8,310 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 7,600 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 710 Cu. Yds.

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

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

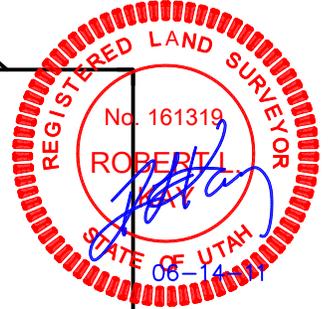
#13H-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL

FIGURE #3

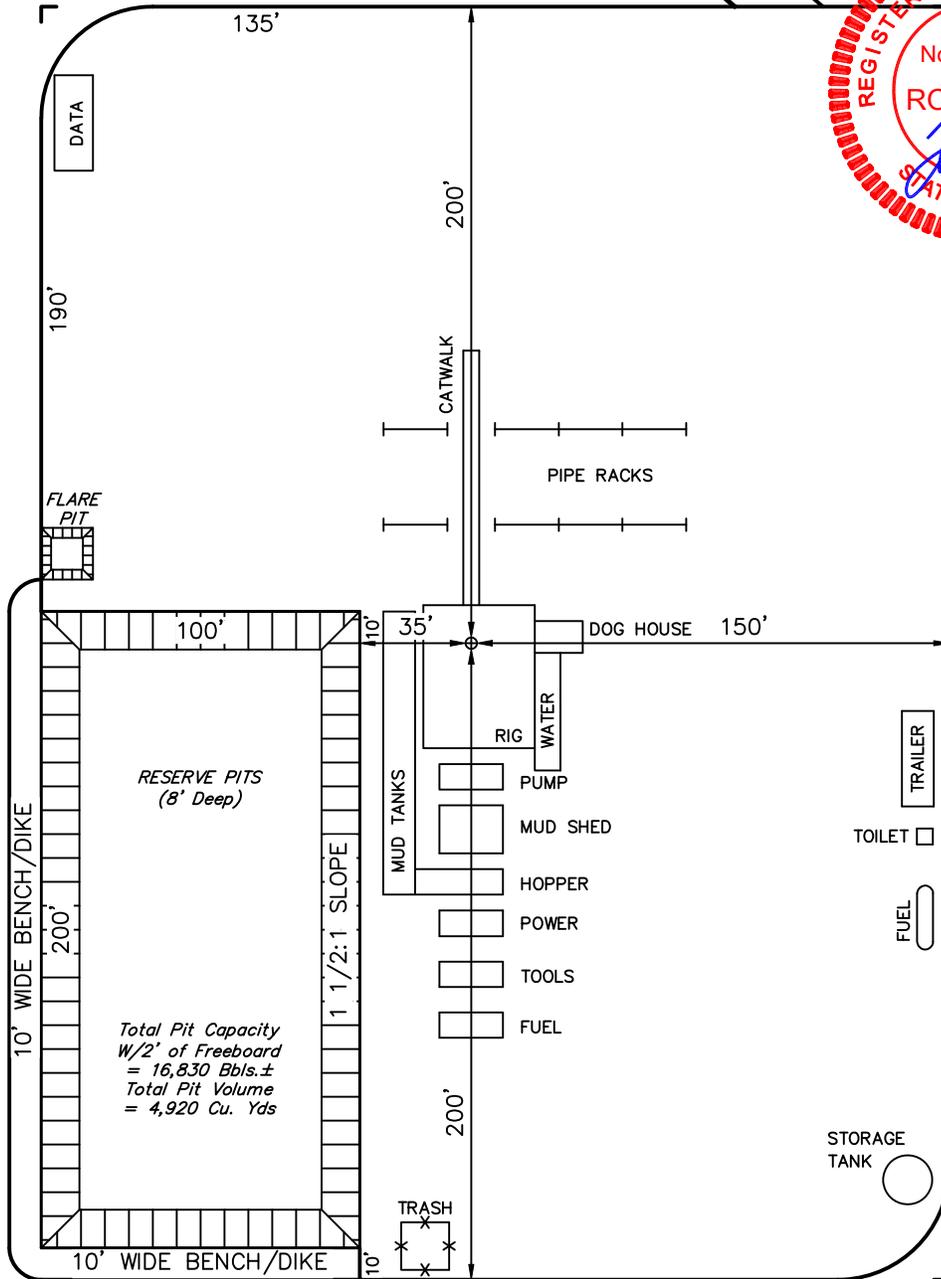
SCALE: 1" = 60'
DATE: 08-12-10
DRAWN BY: C.C.
REVISED: 06-08-11



Proposed
Access Road



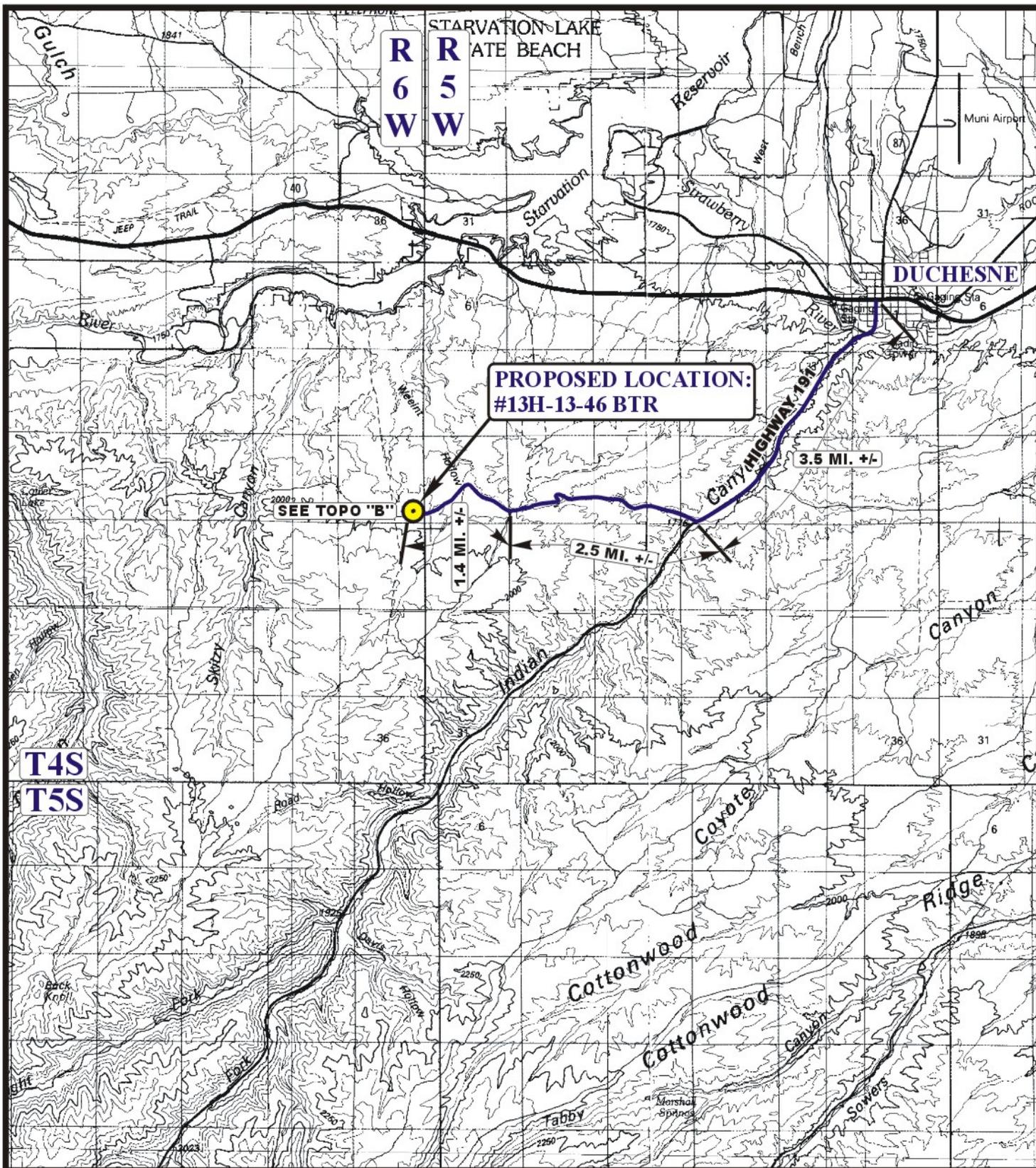
NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



BILL BARRETT CORPORATION
#13H-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.

PROCEED IN A SOUTHERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 191 APPROXIMATELY 3.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 430' TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 7.5 MILES.



R6W
R5W

STARVATION LAKE
ATE BEACH

DUCHESNE

PROPOSED LOCATION:
#13H-13-46 BTR

SEE TOPO "B"

T4S
T5S

LEGEND:

● PROPOSED LOCATION



BILL BARRETT CORPORATION

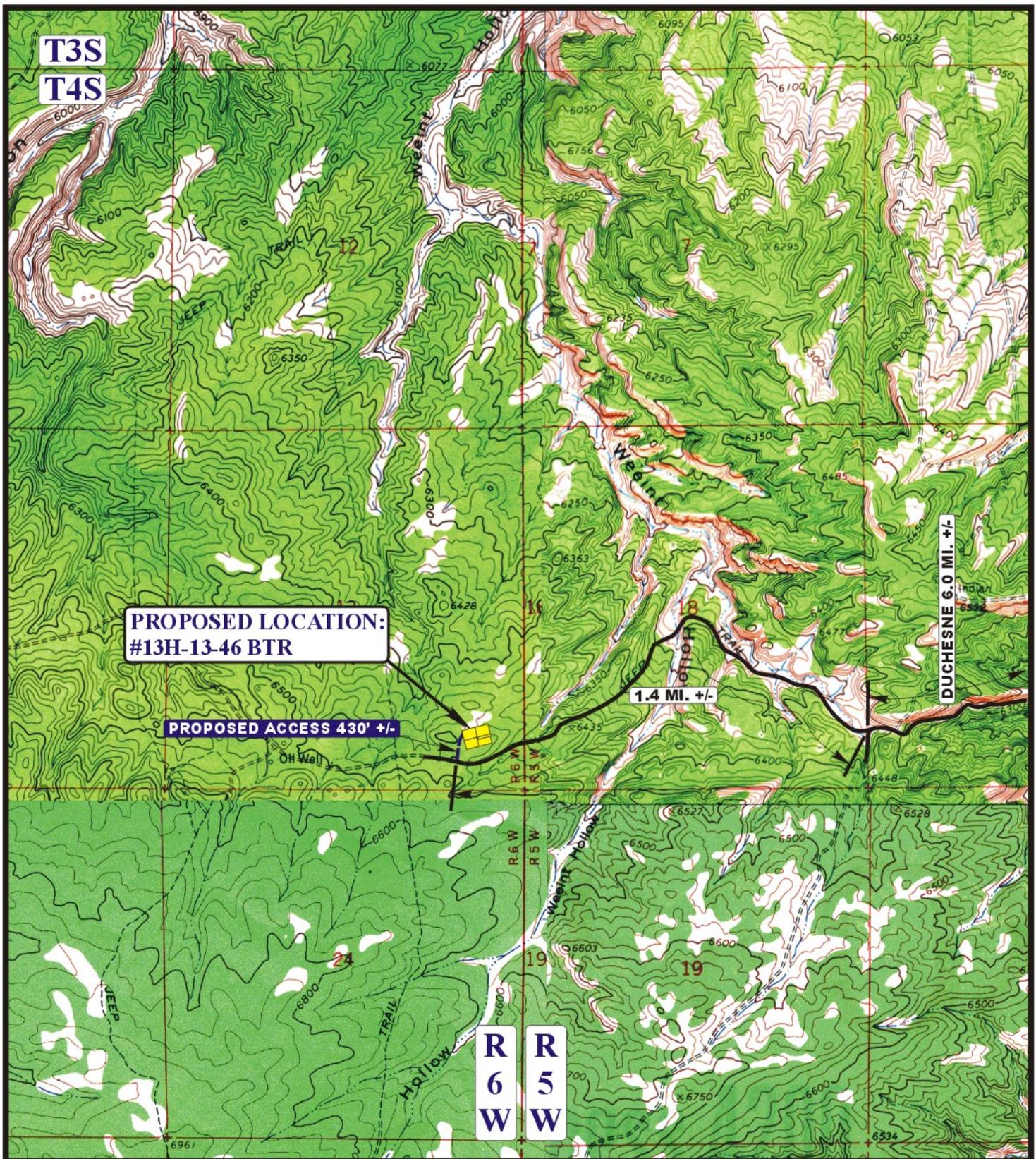
#13H-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL



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

TOPOGRAPHIC MAP
07 21 10
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 06-08-11





**PROPOSED LOCATION:
#13H-13-46 BTR**

PROPOSED ACCESS 430' +/-

1.4 MI. +/-

DUCHESE 6.0 MI. +/-

**R 6 W
R 5 W**

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



BILL BARRETT CORPORATION

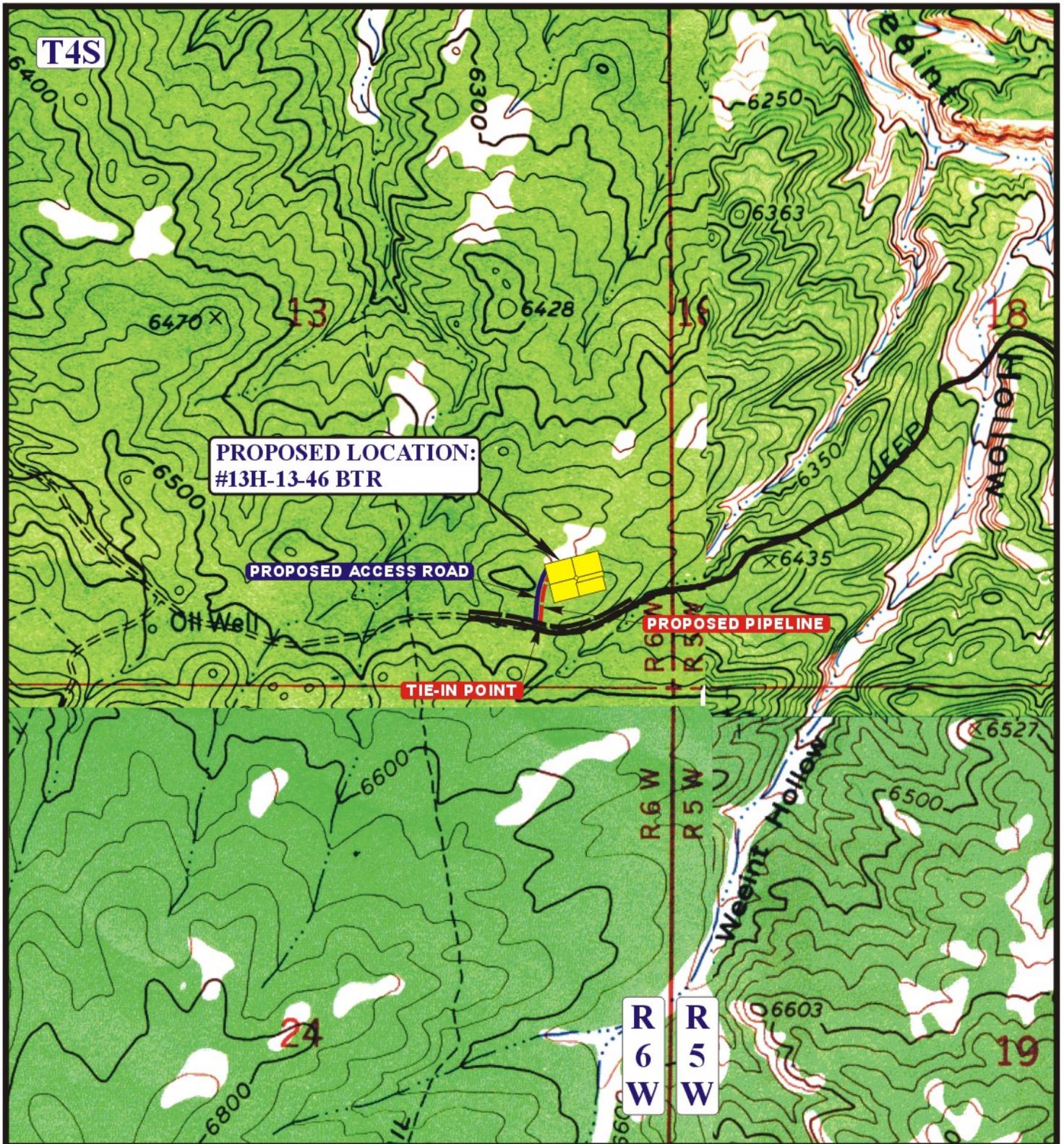
**#13H-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL**



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TOPOGRAPHIC MAP 07 21 10
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 06-08-11





APPROXIMATE TOTAL PIPELINE DISTANCE = 399' +/-

LEGEND:

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



BILL BARRETT CORPORATION

#13H-13-46 BTR
SECTION 13, T4S, R6W, U.S.B.&M.
747' FSL 680' FEL



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TOPOGRAPHIC MAP **07 21 10**
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: Z.L. REVISED: 06-08-11



DRILLING PLAN

BILL BARRETT CORPORATION

13H-13-46 BTR

SHL: SE SE, 747' FSL and 680' FEL, Section 13-T4S-R6W

BHL: SW SW, 810' FSL and 810' FWL, Section 13-T4S-R6W

Duchesne Co., UT

Bill Barrett Corporation (BBC) intends to drill a horizontal through the prospective zone within the Uteland Butte.

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

HORIZONTAL LEG FFORMATION TOPS

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth - TVD</u>
	773'	773'
Green River	1,000'	1,000'
Surface casing	1,413'	1,413'
Mahogany	2,553'	2,553'
TGR3	3,353'	3,353'
Douglas Creek	3,723'	3,723'
3 PT Marker	4,153'	4,153'
KOP	5,580'	5,580'
Castle Peak	4,379'	4,378'
Uteland Butte (Penetration Point)	4,739'	4,659'
CR1	4,861'*	4,709'
Landing Point	6,511'	6,152'
TD (CR1)	9,679'	5,980'

*PROSPECTIVE PAY

The Uteland Butte CR1 is the primary objective for oil/gas.

4. Casing 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>					
12-1/4"	surface	1,500'	9 5/8"	36.0 ppf	J or K 55	ST&C	New
8 3/4"	surface	6,511'	7"	23.0 ppf	P-110	LT&C	New
6 1/8"	surface	9,679'	4 1/2" Liner with 4-1/2" Tieback for frac	11.6	P-110	LT&C	New

Drilling Plan
13H-13-46 BTR
Duchesne Co., UT

5. Cementing Program

9 5/8" Surface Casing	Cement with approximately 190 sx Halliburton Light Premium cement with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx), and tail with 210 sx Premium 14.8 ppg (yield = 1.36 ft ³ /sx) calculated hole volume with 75% excess. <i>Top out cement</i> , if required: 100 sx of Premium cement with additives mixed at 15.8 ppg (yield = 1.17 ft ³ /sk)
7" Intermediate Casing	<i>Lead</i> with approximately 300 sx Tune Light cement with additives, mixed at 11.0 ppg (yield = 3.14 ft ³ /sx). <i>Tail</i> with approximately 370 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx).
4 1/2" Liner with 4-1/2" Tieback to surface	<i>No cement will be used in this section. Swell packers will be run to isolate the production hole from the intermediate casing section.</i>
Note: Top of Tail cement for the intermediate string will be calculated to 1000' above the KOP using gauge hole plus 50% excess. Lead to 200' inside of surface casing.	

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
40' – 1,500'	8.4 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,500' – 3,000'	8.9 – 9.2	26 – 36	NC	Fresh Water with sweeps
3,000' – 6,511'	9.2 – 9.4	42 – 55	6 – 10	Fresh Water PHPA
6,511' – TD	9.0 – 9.5	45 – 58	4 – 10	Fresh Water PHPA
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,500'	No pressure control required
1,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary and choke manifold to be rated @ 5000 psi;	
- Ancillary equipment and choke manifold rated at 5,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.	

Drilling Plan
 13H-13-46 BTR
 Duchesne Co., UT

8. Auxiliary Equipment

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

9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD with GR as needed to land wellbore;
WL Logging	None in intermediate
Note: FMI and CAL may be run on the lateral portion of the horizontal wellbore at the geologist's discretion.	

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3039 psi* and maximum anticipated surface pressure equals approximately 1686 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

11. Location and Type of Water Supply

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

12. Drilling Schedule

Location Construction: August, 2011
 Spud: August, 2011
 Duration: 25 days drilling time
 25 days completion time

Well name:	BTR/LC HZ Well
Operator:	BBC
String type:	Surface
Location:	Utah

Design parameters:

Collapse

Mud weight: 8.900 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 96 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft
 Minimum Drift: 8.750 in
 Cement top: Surface

Burst

Max anticipated surface pressure: 527 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 857 psi
 Annular backup: 9.50 ppg

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 1,302 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 4,697 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 2,318 psi
 Fracture mud wt: 11.000 ppg
 Fracture depth: 1,500 ft
 Injection pressure 857 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1500	9.625	36.00	K-55	ST&C	1500	1500	8.765	106.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	693	2020	2.913	527	3520	6.68	47	423	9.02 J

Bill Barrett

Date: June 23,2011
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.9 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	BTR/LC HZ Well
Operator:	BBC
String type:	Intermediate
Location:	Utah

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,683 psi
Internal gradient: 0.220 psi/ft
Calculated BHP: 3,036 psi

Annular backup: 9.50 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on buoyed weight.
Neutral point: 5,274 ft

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 161 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft
Minimum Drift: 6.125 in
Cement top: 11 ft

Directional Info - Build & Hold

Kick-off point: 5580 ft
Departure at shoe: 604 ft
Maximum dogleg: 10 °/100ft
Inclination at shoe: 93.1 °

Re subsequent strings:

Next setting depth: 5,980 ft
Next mud weight: 9.500 ppg
Next setting BHP: 2,951 psi
Fracture mud wt: 14.000 ppg
Fracture depth: 6,152 ft
Injection pressure: 4,474 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6511	7	23.00	N-80	LT&C	6152	6511	6.25	300.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3036	3575	1.177	1683	6340	3.77	121	442	3.64 J

Bill Barrett

Date: June 23, 2011
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 6152 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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

Well name:	BTR/LC HZ Well
Operator:	N/A
String type:	Production Liner

Design parameters:**Collapse**

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 155 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft
Minimum Drift: 3.875 in

Burst

Max anticipated surface pressure: 1,572 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,837 psi

Annular backup: 9.50 ppg

Tension:

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

Tension is based on buoyed weight.
Neutral point: 5,703 ft

Liner top: 5,000 ft
Directional Info - Build & Hold
Kick-off point 5123 ft
Departure at shoe: 4885 ft
Maximum dogleg: 8 °/100ft
Inclination at shoe: 91.26 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	5418	4.5	11.60	P-110	LT&C	5748	10418	3.875	26104
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2837	7580	2.672	205	10690	52.25	7.4	279	37.48 J

Bill Barrett

Date: June 23, 2011
Denver, Colorado

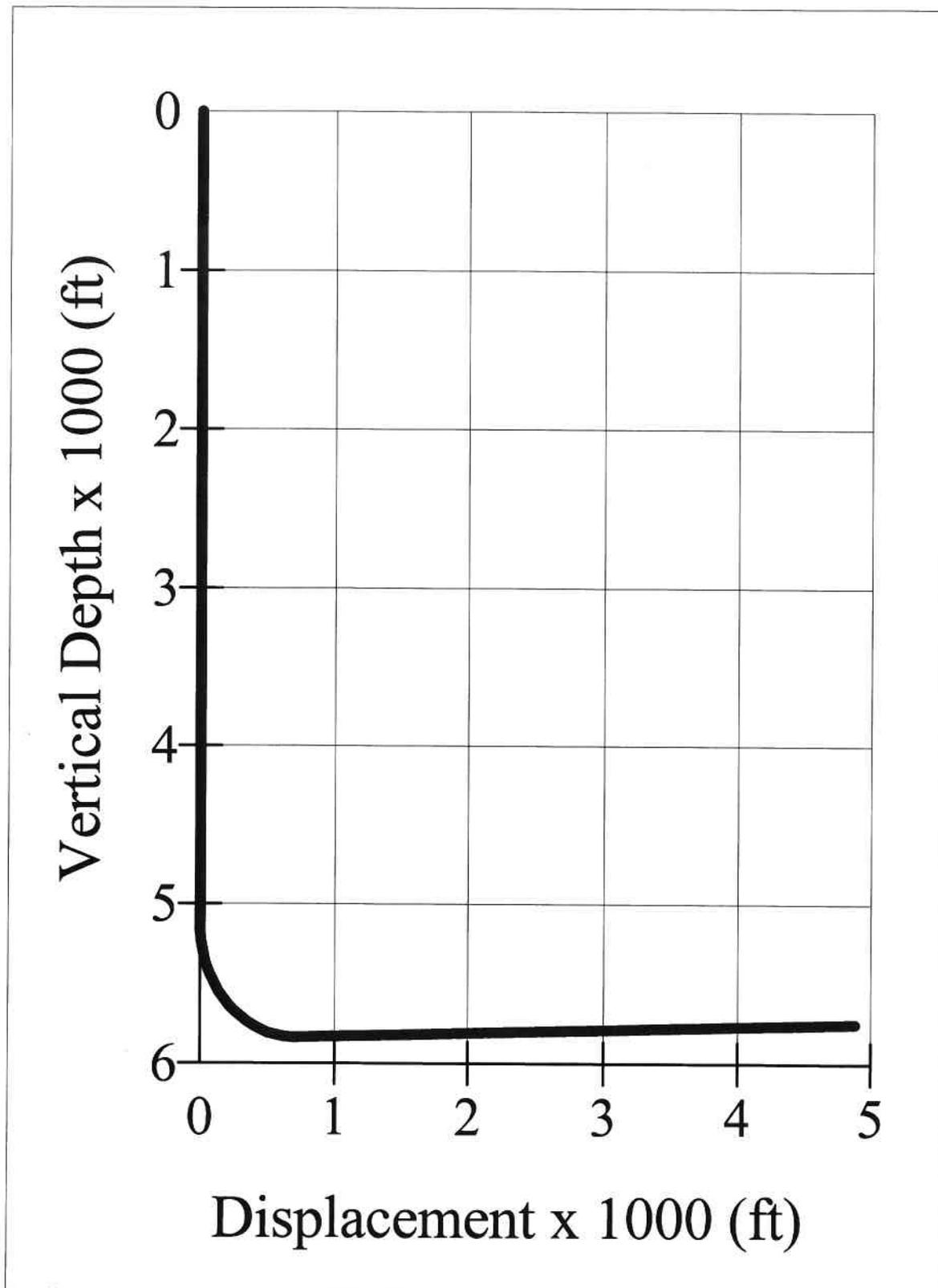
Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 5748 ft, a mud weight of 9.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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





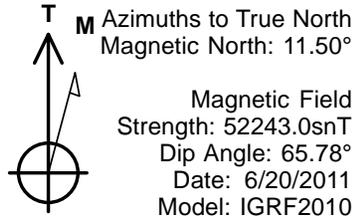
13H-13-46 BTR

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	655135.05	2278515.71	40° 7' 39.96 N	110° 30' 14.18 W
NAD 1927 (NADCON CONUS)		US State Plane 1927 (Exact solution)		Utah Central 4302	



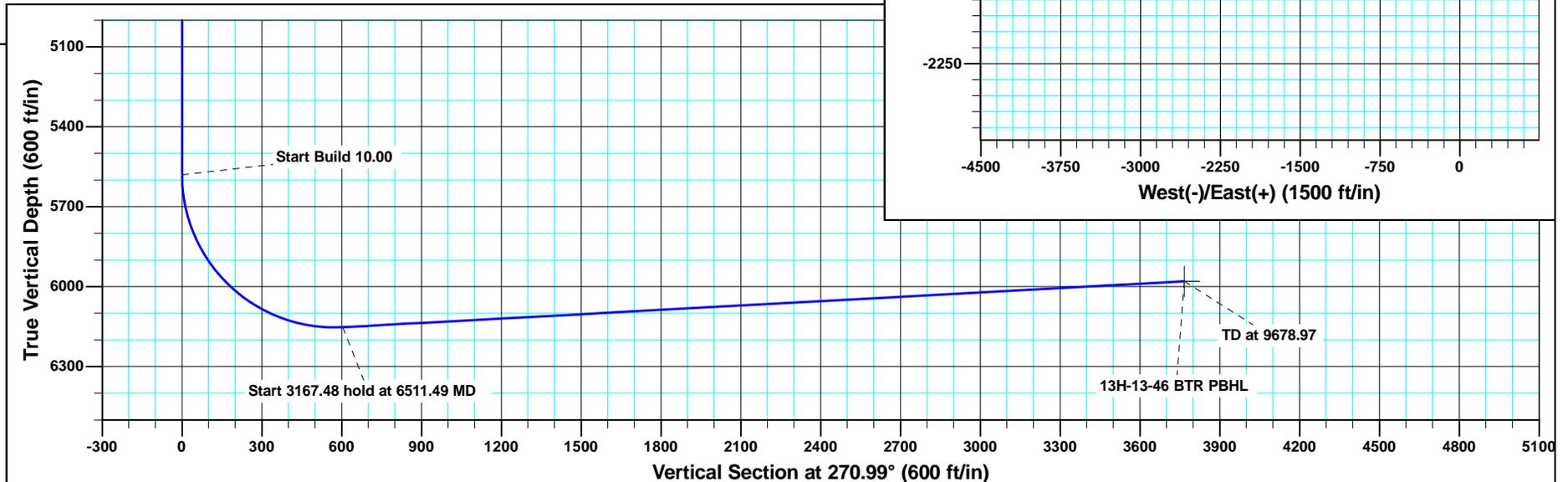
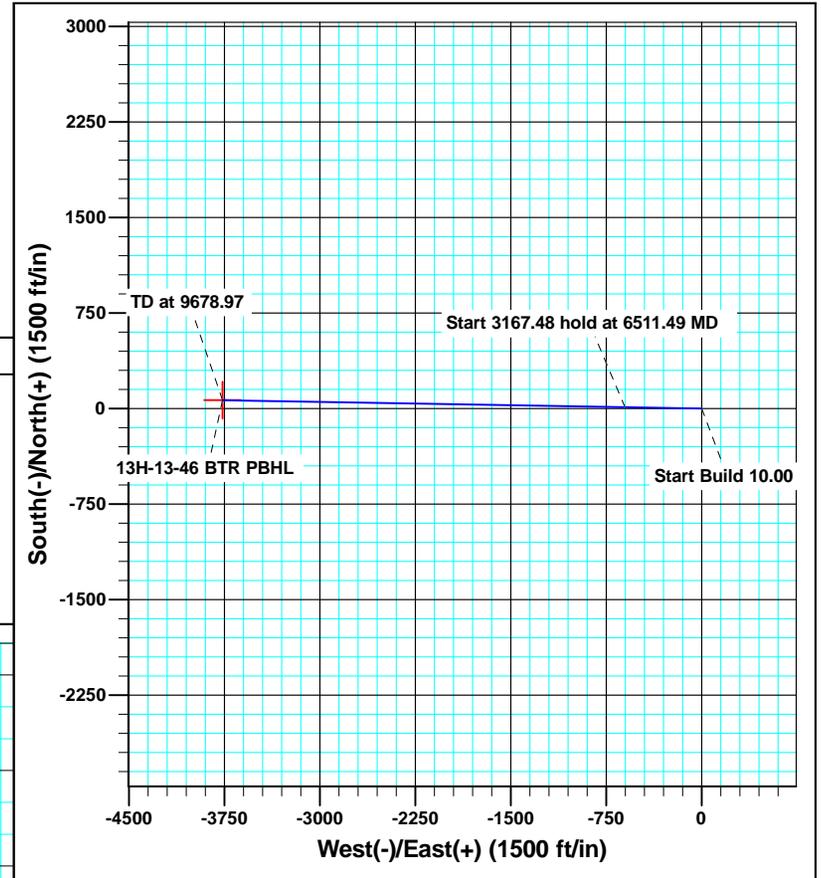
Ground Elevation 6486.00

KB @ 6510.00ft



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5580.29	0.000	0.00	5580.29	0.00	0.00	0.00	0.00	0.00	
6511.49	93.120	270.99	6152.40	10.43	-604.05	10.00	270.99	604.14	
9678.97	93.120	270.99	5980.00	65.05	-3766.36	0.00	0.00	3766.92	13H-13-46 BTR PBHL



Planning Report

Database:	CompassVM	Local Co-ordinate Reference:	Well Well #1
Company:	Bill Barrett Corp.	TVD Reference:	KB @ 6510.00ft
Project:	Duchesne County, UT [NAD27]	MD Reference:	KB @ 6510.00ft
Site:	13H-13-46 BTR	North Reference:	True
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	KB @ 24'		
Design:	plan1 20jun11 rbw		

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

Site	13H-13-46 BTR				
Site Position:	Northing:	655,135.07 usft	Latitude:	40° 7' 39.96 N	
From:	Lat/Long	Easting:	2,278,515.71 usft	Longitude:	110° 30' 14.18 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	0.64 °

Well	Well #1					
Well Position	+N/-S	-0.01 ft	Northing:	655,135.06 usft	Latitude:	40° 7' 39.96 N
	+E/-W	0.00 ft	Easting:	2,278,515.71 usft	Longitude:	110° 30' 14.18 W
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	6,486.00 ft

Wellbore	KB @ 24'				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/20/2011	11.50	65.78	52,243

Design	plan1 20jun11 rbw			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	270.99

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,580.29	0.000	0.00	5,580.29	0.00	0.00	0.00	0.00	0.00	0.00	
6,511.49	93.120	270.99	6,152.40	10.43	-604.05	10.00	10.00	0.00	270.99	
9,678.97	93.120	270.99	5,980.00	65.05	-3,766.36	0.00	0.00	0.00	0.00	13H-13-46 BTR PBHI

Planning Report

Database:	CompassVM	Local Co-ordinate Reference:	Well Well #1
Company:	Bill Barrett Corp.	TVD Reference:	KB @ 6510.00ft
Project:	Duchesne County, UT [NAD27]	MD Reference:	KB @ 6510.00ft
Site:	13H-13-46 BTR	North Reference:	True
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	KB @ 24'		
Design:	plan1 20jun11 rbw		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,580.29	0.000	0.00	5,580.29	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 10.00										
5,600.00	1.971	270.99	5,600.00	0.01	-0.34	0.34	10.00	10.00	0.00	
5,700.00	11.971	270.99	5,699.13	0.22	-12.46	12.46	10.00	10.00	0.00	
5,800.00	21.971	270.99	5,794.65	0.72	-41.61	41.61	10.00	10.00	0.00	
5,900.00	31.971	270.99	5,883.67	1.50	-86.90	86.91	10.00	10.00	0.00	
6,000.00	41.971	270.99	5,963.46	2.54	-146.95	146.97	10.00	10.00	0.00	
6,100.00	51.971	270.99	6,031.61	3.80	-219.95	219.98	10.00	10.00	0.00	
6,200.00	61.971	270.99	6,086.05	5.24	-303.67	303.72	10.00	10.00	0.00	
6,300.00	71.971	270.99	6,125.11	6.83	-395.57	395.63	10.00	10.00	0.00	
6,400.00	81.971	270.99	6,147.63	8.51	-492.86	492.93	10.00	10.00	0.00	
6,500.00	91.971	270.99	6,152.91	10.23	-592.58	592.67	10.00	10.00	0.00	
6,511.49	93.120	270.99	6,152.40	10.43	-604.05	604.14	10.00	10.00	0.00	
Start 3167.48 hold at 6511.49 MD										
6,600.00	93.120	270.99	6,147.58	11.96	-692.42	692.52	0.00	0.00	0.00	
6,700.00	93.120	270.99	6,142.14	13.68	-792.26	792.37	0.00	0.00	0.00	
6,800.00	93.120	270.99	6,136.69	15.41	-892.09	892.23	0.00	0.00	0.00	
6,900.00	93.120	270.99	6,131.25	17.13	-991.93	992.08	0.00	0.00	0.00	
7,000.00	93.120	270.99	6,125.81	18.86	-1,091.77	1,091.93	0.00	0.00	0.00	
7,100.00	93.120	270.99	6,120.37	20.58	-1,191.60	1,191.78	0.00	0.00	0.00	
7,200.00	93.120	270.99	6,114.92	22.30	-1,291.44	1,291.63	0.00	0.00	0.00	
7,300.00	93.120	270.99	6,109.48	24.03	-1,391.28	1,391.48	0.00	0.00	0.00	
7,400.00	93.120	270.99	6,104.04	25.75	-1,491.11	1,491.34	0.00	0.00	0.00	
7,500.00	93.120	270.99	6,098.60	27.48	-1,590.95	1,591.19	0.00	0.00	0.00	
7,600.00	93.120	270.99	6,093.15	29.20	-1,690.79	1,691.04	0.00	0.00	0.00	
7,700.00	93.120	270.99	6,087.71	30.93	-1,790.62	1,790.89	0.00	0.00	0.00	
7,800.00	93.120	270.99	6,082.27	32.65	-1,890.46	1,890.74	0.00	0.00	0.00	
7,900.00	93.120	270.99	6,076.82	34.37	-1,990.30	1,990.60	0.00	0.00	0.00	
8,000.00	93.120	270.99	6,071.38	36.10	-2,090.14	2,090.45	0.00	0.00	0.00	
8,100.00	93.120	270.99	6,065.94	37.82	-2,189.97	2,190.30	0.00	0.00	0.00	
8,200.00	93.120	270.99	6,060.50	39.55	-2,289.81	2,290.15	0.00	0.00	0.00	
8,300.00	93.120	270.99	6,055.05	41.27	-2,389.65	2,390.00	0.00	0.00	0.00	
8,400.00	93.120	270.99	6,049.61	43.00	-2,489.48	2,489.85	0.00	0.00	0.00	
8,500.00	93.120	270.99	6,044.17	44.72	-2,589.32	2,589.71	0.00	0.00	0.00	
8,600.00	93.120	270.99	6,038.73	46.44	-2,689.16	2,689.56	0.00	0.00	0.00	
8,700.00	93.120	270.99	6,033.28	48.17	-2,788.99	2,789.41	0.00	0.00	0.00	
8,800.00	93.120	270.99	6,027.84	49.89	-2,888.83	2,889.26	0.00	0.00	0.00	
8,900.00	93.120	270.99	6,022.40	51.62	-2,988.67	2,989.11	0.00	0.00	0.00	
9,000.00	93.120	270.99	6,016.95	53.34	-3,088.50	3,088.96	0.00	0.00	0.00	
9,100.00	93.120	270.99	6,011.51	55.07	-3,188.34	3,188.82	0.00	0.00	0.00	
9,200.00	93.120	270.99	6,006.07	56.79	-3,288.18	3,288.67	0.00	0.00	0.00	
9,300.00	93.120	270.99	6,000.63	58.51	-3,388.01	3,388.52	0.00	0.00	0.00	
9,400.00	93.120	270.99	5,995.18	60.24	-3,487.85	3,488.37	0.00	0.00	0.00	
9,500.00	93.120	270.99	5,989.74	61.96	-3,587.69	3,588.22	0.00	0.00	0.00	
9,600.00	93.120	270.99	5,984.30	63.69	-3,687.53	3,688.08	0.00	0.00	0.00	
9,678.97	93.120	270.99	5,980.00	65.05	-3,766.36	3,766.92	0.00	0.00	0.00	
TD at 9678.97										

Planning Report

Database:	CompassVM	Local Co-ordinate Reference:	Well Well #1
Company:	Bill Barrett Corp.	TVD Reference:	KB @ 6510.00ft
Project:	Duchesne County, UT [NAD27]	MD Reference:	KB @ 6510.00ft
Site:	13H-13-46 BTR	North Reference:	True
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	KB @ 24'		
Design:	plan1 20jun11 rbw		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
- Shape									
13H-13-46 BTR PBHL	0.000	0.00	5,980.00	65.05	-3,766.36	655,158.16	2,274,748.86	40° 7' 40.60 N	110° 31' 2.67 W
- plan hits target center									
- Point									

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
2,020.00	2,020.00	Green River		0.00		
2,605.00	2,605.00	Mahogany		0.00		
3,915.00	3,915.00	TGR3		0.00		
4,755.00	4,755.00	Douglas Creek		0.00		
5,150.00	5,150.00	3Pt Marker		0.00		
5,570.00	5,570.00	Black Shale Facies		0.00		
5,822.12	5,815.00	Castle Peak		0.00		
6,243.48	6,105.00	Uteland Butte		0.00		

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(ft)	(ft)	+N/-S	+E/-W		
		(ft)	(ft)		
5,580.29	5,580.29	0.00	0.00	Start Build 10.00	
6,511.49	6,152.40	10.43	-604.05	Start 3167.48 hold at 6511.49 MD	
9,678.97	5,980.00	65.05	-3,766.36	TD at 9678.97	

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# Triple A Drilling
 Submitted By Venessa Langmach Phone Number 303-312-8172
 Well Name/Number 13H-13-46 BTR
 Qtr/Qtr SESE Section 13 Township 4S Range 6W
 Lease Serial Number 2OG0005608
 API Number 43-013-50468

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

Date/Time 9/9/2011 8:00 AM PM

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

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

RECEIVED
 SEP 07 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 _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 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.		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 13H-13-46 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013504680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALMAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/11/2011 <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.		
This well was spud on 9/11/2011 at 2:00 pm by Triple A Drilling.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A		DATE 9/15/2011

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
4301350757	13-16D-36 BTR		SWSW	16	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18206	9/10/2011		9/20/11		
Comments: Spudding Operation was conducted by Pete Martin @ 11:00 am. <i>GR-WS</i> <i>BHL = SWSW</i>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350567	14-8D-45 BTR		SESW	8	4S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18207	9/10/2011		9/20/11		
Comments: Spudding Operation was conducted by Leon Ross @ 10:00 am. <i>GR-WS</i> <i>BHL = SESW</i>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350468	13H-13-46 BTR		SESE	13	4S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18208	9/11/2011		9/20/11		
Comments: Spudding Operation was conducted by Triple A Drilling @ 2:00 pm. <i>GR-WS</i> <i>BHL = SWSW</i>							

CONFIDENTIAL

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
SEP 15 2011

Venessa Langmacher
 Name (Please Print)
 Venessa Langmacher
 Signature
 Sr Permit Analyst 9/15/2011
 Title Date

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
 Submitted By Glenn Randel Phone Number 970-623-7078
 Well Name/Number 13H-13-46 BTR fka 16-13-46 BTR
 Qtr/Qtr SE/SE Section 13 Township 4S Range 6W
 Lease Serial Number 1420H626368
 API Number 43-013-50468

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
 SEP 22 2011
 DIV. OF OIL, GAS & MINING

Date/Time 09/22/2011 08:00 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 Begin moving H&P 319 onto location. Anticipate spud 9/24/11.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
 Submitted By Glenn Randel Phone Number 970-623-7078
 Well Name/Number #13H-13-46 BTR
 Qtr/Qtr SE/SE Section 13 Township 4S Range 6W
 Lease Serial Number 1420H626368
 API Number 43-013-50468

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

OCT 04 2011

DIV. OF OIL, GAS & MINING

Date/Time 10/3/11 00:00 AM PM

BOPE

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

Date/Time 10/3/11 15:00 AM PM

Remarks Door seals & 3 1/2 rams only.

**13H-13-46 BTR 9/21/2011 20:00 - 9/22/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
20:00	10.00	06:00	1	RIGUP & TEARDOWN	PREPARE MAST FOR LOWERING. RIG DOWN BACK YARD, MUD PUMPS, FLARE LINES, PREP SUBSTRUCTURE FOR DISASSEMBLING.

13H-13-46 BTR 9/22/2011 06:00 - 9/23/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	18.00	00:00	1	RIGUP & TEARDOWN	RIG DOWN & COMMENCE MOVE. RIG DOWN, MOVE & RIG UP CAMP. SPLIT MAST & LOAD ON TRAILERS. PRESSURE WASH MAST. UNSTACK & LOAD SUBSTRUCTURE. 100% RIGGED DOWN, 25% MOVED, 0% RIGGED UP. CAMP MOVED & RIGGED UP.
00:00	6.00	06:00	1	RIGUP & TEARDOWN	SHUT DOWN FOR NIGHT.

13H-13-46 BTR 9/23/2011 06:00 - 9/24/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	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	CONTINUE TO MOVE RIG. 100% MOVED, 70% RIGGED UP. ESTIMATE SPUD PM, 9/24/11.
18:00	12.00	06:00	1	RIGUP & TEARDOWN	SHUT DOWN FOR NIGHT.

13H-13-46 BTR 9/24/2011 06:00 - 9/25/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	14.00	20:00	1	RIGUP & TEARDOWN	INSTALL MAST ON RIG FLOOR, ASSEMBLE MAST & PREP FOR RAISING. RAISE MAST & PIN TOP DRIVE TO BLOCKS. MIX MUD. INSTALL 16" RISER & NIPPLE UP FLOWLINE. DRESS TOP DRIVE.
20:00	2.25	22:15	1	RIGUP & TEARDOWN	PICK UP 12 1/4 BHA TO 104' & FILL HOLE W/SPUD MUD.
22:15	7.75	06:00	2	DRILL ACTUAL	DRILL 12 1/4 VERTICAL HOLE 104-970' MAKING DC & HWDP CONNECTIONS. USED REDUCED PUMP RATE FOR FIRST 30' & REDUCED RPM FOR FIRST 130'.

13H-13-46 BTR 9/25/2011 06:00 - 9/26/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	ROTATE DRILL 12 1/4 HOLE 970-1050'.
06:30	0.25	06:45	2	DRILL ACTUAL	SLIDE DRILL 12 1/4 HOLE 1050-1065'.
06:45	0.50	07:15	2	DRILL ACTUAL	ROTATE DRILL 12 1/4 HOLE 1065-1144'.
07:15	0.25	07:30	2	DRILL ACTUAL	SLIDE DRILL 12 1/4 HOLE 1144-1164'.
07:30	0.25	07:45	2	DRILL ACTUAL	ROTATE DRILL 12 1/4 HOLE 1164-1233'.
07:45	0.25	08:00	2	DRILL ACTUAL	SLIDE DRILL 12 1/4 HOLE 1233-1258'.
08:00	0.50	08:30	2	DRILL ACTUAL	ROTATE DRILL 12 1/4 HOLE 1258-1325'.
08:30	0.50	09:00	2	DRILL ACTUAL	SLIDE DRILL 12 1/4 HOLE 1325-1345'.
09:00	0.25	09:15	2	DRILL ACTUAL	ROTATE DRILL 12 1/4 HOLE 1345-1419'.
09:15	0.25	09:30	2	DRILL ACTUAL	SLIDE DRILL 12 1/4 HOLE 1419-1431'.
09:30	0.25	09:45	2	DRILL ACTUAL	ROTATE DRILL 12 1/4 HOLE 1431-1483'.
09:45	0.25	10:00	2	DRILL ACTUAL	SLIDE DRILL 12 1/4 HOLE 1483-1495'.
10:00	0.25	10:15	2	DRILL ACTUAL	ROTATE DRILL 12 1/4 HOLE 1495-1526' (TD).
10:15	0.50	10:45	5	COND MUD & CIRC	PUMP 50 BBL HAVIS/LCM SWEEP & CIRCULATE HOLE CLEAN. PUMP SLUG.
10:45	1.25	12:00	6	TRIPS	SHORT TRIP TO 320'.
12:00	0.50	12:30	5	COND MUD & CIRC	PUMP 50 BBL HAVIS/LCM SWEEP & CIRCULATE HOLE CLEAN. PUMP SLUG.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
12:30	0.75	13:15	6	TRIPS	POH TO 8" DC's.
13:15	1.50	14:45	6	TRIPS	RIG UP KIMZEY LAY DOWN TRUCK & LAY DOWN 8" BHA & SPERRY TOOLS.
14:45	1.25	16:00	12	RUN CASING & CEMENT	RIG UP LD TRUCK FOR RUNNING CASING & CASING CREW/TOOLS.
16:00	2.00	18:00	12	RUN CASING & CEMENT	RUN 36 JTS 9 5/8, 36#, J55, STC, R3 CASING. PUMPED THRU SHOE TRACK. LAND SHOE @ 1514'. FLOAT COLLAR @ 1468'.
18:00	0.50	18:30	12	RUN CASING & CEMENT	RIG DOWN CASING CREW & LAY DOWN TRUCK. INSTALL CEMENT HEAD & CIRC HOSE.
18:30	0.75	19:15	5	COND MUD & CIRC	CIRCULATE CASING 450 GPM @ 200 PSI. HELD PJSM W/HALLIBURTON & RIG CREWS.
19:15	2.00	21:15	12	RUN CASING & CEMENT	HOOK UP HOWCO TO CEMENT HEAD, TEST LINE TO 5000 PSI. HOWCO PUMPED 20 BBL WATER, 40 BBL SUPER FLUSH 101, 20 BBL WATER & 700 SX (166 BBL) HALCEM + 0.5% BWOC CACL2 + 0.125 PPS POLY-E-FLAKE @ 14.5 PPG. DROPPED TOP PLUG ON THE FLY & DISPLACED W/116 BBL 8.8 PPG MUD. BUMPED PLUG W/600 PSI OVER FDP, TOTAL PRESSURE 750 PSI. HELD 10 MIN, BLEED OFF 1/2 BBL & FLOATS HELD. CIP @ 21:00 HRS. LOST RETURNS AT PLUG DROP. HAD ~10 BBL WATER SPACER BACK. NOTE THAT SLURRY WT WAS DECREASED FROM 14.8 TO 14.5 PPG AFTER 15 BBL PUMPED DUE TO HIGH VISCOSITY & RAPID GELLING OF SLURRY.
21:15	0.25	21:30	12	RUN CASING & CEMENT	RIG DOWN HOWCO CEMENT HEAD & LINE.
21:30	0.50	22:00	12	RUN CASING & CEMENT	RELEASE CASING & REMOVE HYDRAULIC SLIPS. NIPPLE DOWN FLOWLINE & LAY DOWN RISER.
22:00	3.50	01:30	12	RUN CASING & CEMENT	CUT CONDUCTOR & 9 5/8 CASING & DRESS CASING FOR WELDING. WELD ON WELLHEAD & ALLOW TO COOL.
01:30	2.50	04:00	12	RUN CASING & CEMENT	RUN 1" TUBING 94' INTO 9 5/8 X 16" ANNULUS, RIG UP HOWCO & PERFORM TOP CEMENT JOB W/100 SX (21 BBL) CLASS G + 2% CACL2 @ 15.8 PPG. GOOD RETURNS THROUGHOUT & CEMENT BACK TO SURFACE. PULL & LAY DOWN 1" TUBING. CLEAN CEMENT OUT OF CELLAR.
04:00	2.00	06:00	14	NIPPLE UP B.O.P	COMMENCE NIPPLING UP BOPE.

13H-13-46 BTR 9/26/2011 06:00 - 9/27/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	15	TEST B.O.P	TEST BOPE. RAMS, C & K VALVES, CHOKE MANIFOLD/LINE, TIW, GRAY VALVE, UPPER/LOWER TD VALVES TO 250/5000 PSI 5 MIN LOW/10 MIN HIGH. TEST ANNULAR PREVENTER TO 250/2500 PSI 5 MIN LOW/10 MIN HIGH. TEST CASING AGAINST BLIND RAMS TO 1500 PSI FOR 10 MIN. INSTALL FILL-UP LINE, WEAR BUSHING, BOP DECK COVERS & CELLAR COVER.
12:00	1.75	13:45	6	TRIPS	PICK UP 8 3/4 BHA.
13:45	1.25	15:00	6	TRIPS	RIH. WASH 1412-1470' & TAG FLOAT COLLAR.
15:00	0.25	15:15	22	OPEN	CLOSE ANNULAR & TEST CASING TO 1500 PSI FOR 10 MIN.
15:15	1.00	16:15	3	REAMING	INSTALL ROTATING RUBBER & DRILL SHOE TRACK.
16:15	0.25	16:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 1526-1536'. CLOSE ANNULAR & PERFORM FIT TO 10.5 PPG EMW.
16:30	0.50	17:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 1536-1605'. HELD BOP DRILL: 73 SEC RESPONSE.
17:00	0.50	17:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
17:30	0.25	17:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 1605-1617'.
17:45	0.75	18:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 1617-1699'.
18:30	0.50	19:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 1699-1716'.
19:00	0.50	19:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 1716-1794'.
19:30	0.25	19:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 1794-1800'.
19:45	0.50	20:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 1800-1890'.
20:15	0.25	20:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 1890-1907'.
20:30	0.75	21:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 1907-1985'.
21:15	0.25	21:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 1985-2000'.
21:30	0.75	22:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2000-2081'.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
22:15	0.25	22:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2081-2098'.
22:30	0.25	22:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2098-2176'.
22:45	0.50	23:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2176-2192'.
23:15	0.50	23:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2192-2266'.
23:45	0.25	00:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2266-2286'.
00:00	0.50	00:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2286-2362'.
00:30	0.25	00:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2362-2385'.
00:45	0.25	01:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2385-2457'.
01:00	0.50	01:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2457-2483'.
01:30	0.50	02:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2483-2553'.
02:00	0.50	02:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2553-2579'.
02:30	0.50	03:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2579-2643'.
03:00	0.25	03:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2643-2669'.
03:15	1.50	04:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2669-2843'.
04:45	0.50	05:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2843-2859'.
05:15	0.75	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2859-2927'.

13H-13-46 BTR 9/27/2011 06:00 - 9/28/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 2927-2940'.
06:15	0.75	07:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 2940-3020'.
07:00	0.50	07:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3020-3035'.
07:30	1.25	08:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3035-3115'. LOST RETURNS @ 3045'. MIXED LCM, SLOWED PUMPS & REDUCED ROP. REGAINED RETURNS @ 3080'.
08:45	0.50	09:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3115-3133'.
09:15	0.50	09:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3133-3209'. LOST RETURNS @ 3140'. MIXED LCM, SLOWED PUMPS & REDUCED ROP. REGAINED RETURNS @ 3210'.
09:45	0.50	10:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3209-3219'.
10:15	2.25	12:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3219-3397'. LOST RETURNS @ 3270'. MIXED LCM, SLOWED PUMPS, REDUCED ROP & BYPASSED SHAKERS. REGAINED RETURNS @ 3318', BUT STILL LOSING ~20%.
12:30	0.50	13:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3397-3412'.
13:00	2.25	15:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3412-3585'.
15:15	0.50	15:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
15:45	0.25	16:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3585-3600'.
16:00	0.75	16:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3600-3681'.
16:45	0.50	17:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3681-3696'.
17:15	0.75	18:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3696-3785'. SCREEN UP SHAKERS & SCREEN OUT LCM.
18:00	0.50	18:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3775-3794'.
18:30	0.75	19:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3794-3869'.
19:15	0.50	19:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3869-3881'.
19:45	1.00	20:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3881-3965'.
20:45	0.50	21:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 3965-3977'.
21:15	0.75	22:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 3977-4060'.
22:00	0.50	22:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4060-4072'.
22:30	1.50	00:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4072-4152'.
00:00	0.50	00:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4152-4166'.
00:30	1.00	01:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4166-4247'.
01:30	1.00	02:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4247-4267'.
02:30	1.00	03:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4267-4342'.
03:30	0.75	04:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4342-4362'.
04:15	0.75	05:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4362-4438'.
05:00	1.00	06:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4438-4461'.

**13H-13-46 BTR 9/28/2011 06:00 - 9/29/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 1,526.0	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	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4461-4535'.
07:00	0.75	07:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4535-4560'.
07:45	0.75	08:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4560-4624'.
08:30	1.50	10:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4624-4654'.
10:00	0.75	10:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4654-4715'.
10:45	1.25	12:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4715-4738'.
12:00	0.25	12:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4738-4765'.
12:15	1.00	13:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4765-4786'.
13:15	0.50	13:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4786-4812'.
13:45	2.75	16:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4812-4835'.
16:30	0.25	16:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4835-4906'.
16:45	0.50	17:15	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
17:15	0.75	18:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4906-4927'.
18:00	0.50	18:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4927-4954'.
18:30	1.00	19:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 4954-4974'.
19:30	0.50	20:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 4974-5001'.
20:00	1.50	21:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5001-5021'.
21:30	0.75	22:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5021-5096'.
22:15	1.00	23:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5096-5116'.
23:15	1.25	00:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5116-5192'.
00:30	1.25	01:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5192-5212'.
01:45	0.25	02:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5212-5238'.
02:00	1.25	03:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5238-5258'.
03:15	0.50	03:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5258-5284'.
03:45	1.25	05:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5284-5304'.
05:00	0.75	05:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5304-5331'.
05:45	0.25	06:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5331-5347'.

CONFIDENTIAL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
Submitted By JET LORENZEN Phone Number 970-623-7078
Well Name/Number #13H-13-46 BTR
Qtr/Qtr SE/SE Section 13 Township 4S Range 6W
Lease Serial Number 1420H626368
API Number 43-013-50468

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

OCT 12 2011

DIV. OF OIL, GAS & MINING

Date/Time 10/09/2011 10:00 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 _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 13H-13-46 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013504680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2011	<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: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. October 2011 monthly drilling activity report attached.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 11/2/2011	

**13H-13-46 BTR 10/1/2011 06:00 - 10/2/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5976-5978'. LOST RETURNS @ 5978'.
06:15	0.25	06:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5978-5986'. LOST RETURNS @ 5978'.
06:30	1.75	08:15	5	COND MUD & CIRC	PICK UP, REDUCE PUMP TO 135 GPM & MIX LCM. WHEN RETURNS REGAINED, STAGE UP PUMPS BACK TO DRILLING RATE.
08:15	0.25	08:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5986-5988'.
08:30	0.75	09:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5988-6005'.
09:15	0.50	09:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6005-6019'.
09:45	0.75	10:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6019-6035'.
10:30	0.25	10:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6035-6050'.
10:45	0.75	11:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6050-6071'.
11:30	0.25	11:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6071-6082'.
11:45	0.75	12:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6082-6103'.
12:30	0.25	12:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6103-6114'.
12:45	0.75	13:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6114-6133'.
13:30	0.25	13:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6133-6145'.
13:45	0.50	14:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6145-6166'.
14:15	0.25	14:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6166-6177'.
14:30	0.75	15:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6177-6200'.
15:15	0.25	15:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6200-6208'.
15:30	0.75	16:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6208-6232'.
16:15	0.25	16:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6232-6238'.
16:30	0.50	17:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
17:00	0.50	17:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6238-6257'.
17:30	0.50	18:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6257-6271'.
18:00	1.00	19:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6271-6294'.
19:00	0.50	19:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6294-6302'.
19:30	1.00	20:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6302-6325'.
20:30	0.25	20:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6325-6333'.
20:45	1.00	21:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6333-6349'.
21:45	0.75	22:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6349-6366'.
22:30	0.75	23:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6366-6372'.
23:15	1.25	00:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6372-6396'.
00:30	0.50	01:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6396-6412'.
01:00	0.50	01:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6412-6427'.
01:30	1.00	02:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6427-6449'.
02:30	0.50	03:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6449-6465' (TD).
03:00	1.00	04:00	5	COND MUD & CIRC	PUMP 30 BBL SUPER SWEEP PILL & CIRCULATE 2X BOTTOMS UP. SHAKERS CLEAN.
04:00	0.50	04:30	6	TRIPS	POH WET TO 5800'.
04:30	1.50	06:00	6	TRIPS	PUMP SLUG & CONTINUE TO POH TO PICK UP REAMING BHA.

13H-13-46 BTR 10/2/2011 06:00 - 10/3/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.25	08:15	6	TRIPS	POH FROM 3500' TO PICK UP REAMING BHA.
08:15	1.00	09:15	6	TRIPS	LAY DOWN SPERRY TOOLS.
09:15	0.50	09:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
09:45	0.50	10:15	6	TRIPS	MAKE UP REAMING BHA: 6 1/2 BULLNOSE, 6 1/2 FLOAT SUB, 8 5/8 WATERMELON REAMER, 4 1/2 DP PUP JT, 8 5/8 WATERMELON REAMER. INSTALL ROTATING RUBBER.
10:15	2.50	12:45	6	TRIPS	RIH W/33 JTS 4 1/2 HWDP & DP TO 5550' (KOP).
12:45	2.25	15:00	3	REAMING	REAM BUILDUP SECTION 5550-6000' W/100 RPM, 700 GPM @ 350 FPH. RE-REAM PLACES WHERE TORQUE WAS 1000 FT/LB MORE THAN NORMAL. LOST RETURNS @ 6000'.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	1.50	16:30	5	COND MUD & CIRC	STOPPED REAMING, SLOW PUMPS, MIX LCM & BUILD VOLUME. PARTIAL, THEN FULL RETURNS BACK @ 16:20 HRS.
16:30	4.00	20:30	3	REAMING	CONTINUE TO REAM BUILDUP 6000-6465'. VERY DIFFICULT REAMING FROM 6037' TO TD. MANY PLACES REAMED 2 TO 4 TIMES.
20:30	1.00	21:30	5	COND MUD & CIRC	PUMP 30 BBL SUPER SWEEP PILL & CIRCULATE 2 1/2X BOTTOMS UP. SHAKERS CLEAN. RIGGED UP LAY DOWN TRUCK WHILE CIRCULATING.
21:30	6.50	04:00	6	TRIPS	POH STANDING BACK 8 STANDS. PUMP SLUG, HELD PJSM W/WEATHERFORD LAY DOWN CREW & RIG CREW & POH LAYING DOWN DP. RUN BACK & LAY DOWN 8 STANDS. LAY DOWN REAMING BHA.
04:00	0.25	04:15	12	RUN CASING & CEMENT	MAKEUP WBRRT & RETRIEVE WEAR BUSHING.
04:15	0.75	05:00	12	RUN CASING & CEMENT	RIG UP CASING CREW & RE-RIG LAY DOWN TRUCK TO PICK UP CASING.
05:00	0.25	05:15	21	OPEN	HELD PJSM W/CASING CREW, LAY DOWN CREW & RIG CREW.
05:15	0.50	05:45	12	RUN CASING & CEMENT	MAKE UP/THREADLOCK/PUMP THRU 2 JT SHOE TRACK.
05:45	0.25	06:00	12	RUN CASING & CEMENT	RUN 6 JTS TOTAL 7", 23#, P110, LTC, R3 CASING.

13H-13-46 BTR 10/3/2011 06:00 - 10/4/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	12	RUN CASING & CEMENT	RUN TOTAL OF 146 JTS + LANDING JT FILLING CASING EVERY 5 JTS & INSTALLING 42 CENTRALIZERS.
12:00	0.50	12:30	12	RUN CASING & CEMENT	MAKE UP HANGER/LANDING JT & LAND HANGER IN WELLHEAD. CHECK THAT HANGER IS CORRECTLY LANDED.
12:30	2.00	14:30	12	RUN CASING & CEMENT	CIRCULATE & RECIPROCATATE CASING. 415 GPM @ 200 PSI. HOLE NOT FULL AT FIRST. FILLED HOLE W/47 BBL W/LCM & CIRCULATE W/~90% RETURNS. HELD PJSM W/CEMENTERS & RIG CREW.
14:30	2.75	17:15	12	RUN CASING & CEMENT	LAND CASING, BREAK OFF TOP DRIVE & INSTALL HOWCO CEMENT HEAD & LINE. PUMP 3 BBL WATER & TEST LINE TO 5000 PSI. HOWCO PUMPED 10 BBL WATER, 40 BBL SUPER FLUSH 101, 10 BBL WATER, DROPPED BOTTOM PLUG, 360 SX (149 BBL) TUNED LIGHT + 0.125 PPS POLY-E-FLAKE + 1 PPS GRANULITE AT 11 PPG FOLLOWED BY 310 SX POZ PREMIUM 50/50 + 0.3% HALAD-344 + 5% MICROBOND + 0.125 PPS POLY-E-FLAKE + 1 PPS GRANULITE + 0.1% HR-5 AT 13.5 PPG. DROPPED TOP PLUG. DISPLACED W/247 BBL (3 BBL SHORT OF CALCULATED DISPLACEMENT) 9 PPG MUD. DID NOT BUMP PLUG DUE TO FALLING PRESSURE LAST 5 BBL. FDP 780 PSI. HAD RETURNS THROUGHOUT JOB, BUT NO CEMENT OR SPACER AT SURFACE. BLED OFF 3/4 BBL & FLOATS HELD.
17:15	0.50	17:45	12	RUN CASING & CEMENT	WASH THRU BOP W/WATER & RIG DOWN HOWCO CEMENT HEAD/LINE.
17:45	1.25	19:00	12	RUN CASING & CEMENT	BACK OFF & LAY DOWN CASING HANGER RUNNING TOOL & LANDING JT. MAKE UP PACKOFF RUNNING TOOL ON A 4 3/4 DC & LAND ON CASING HANGER. MAKE UP TIE-DOWN SCREWS. LAY DOWN 4 3/4 DC & PACKOFF RUNNING TOOL. CHANGE PIPE RAMS TO 3 1/2 & BREAK OFF 7" X 4 1/2 XH XO. PICK UP 3 1/2 DP ELEVATORS.
19:00	1.75	20:45	15	TEST B.O.P	MAKE UP TEST PLUG ON 3 1/2 DP, SEAT IN CASING HANGER & TEST 3 1/2 PIPE RAMS & DOOR SEALS TO 250/5000 PSI FOR 5 MIN EACH TEST. PULL/LAY DOWN TEST PLUG & RIG DOWN A-1 TESTERS.
20:45	0.50	21:15	22	OPEN	DRESS TOP DRIVE FOR 3 1/2 DP.
21:15	0.50	21:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
21:45	0.75	22:30	21	OPEN	RIG UP WEATHERFORD LAY DOWN TRUCK & HELD PJSM W/LAY DOWN CREW & RIG CREW.
22:30	7.00	05:30	6	TRIPS	PICK UP 6 1/8 HORIZONTAL DRILLING BHA & RIH PICKING UP 3 1/2 DP TO 6100'. TAGGED UP.
05:30	0.50	06:00	5	COND MUD & CIRC	FILL STRING & CIRC. CHECK BOP VALVES FOR CASING TEST. RIG DOWN LAY DOWN TRUCK.

13H-13-46 BTR 10/4/2011 06:00 - 10/5/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	15	TEST B.O.P	CIRCULATE & TEST CASING TO 1500 PSI FOR 10 MIN W/BIT @ 6064'.
06:30	2.25	08:45	3	REAMING	INSTALL ROTATING RUBBER. DRILL STRINGERS/CEMENT & FLOAT COLLAR (6347') 6100-6382'.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:45	0.50	09:15	15	TEST B.O.P	CIRCULATE & TEST CASING TO 1500 PSI FOR 10 MIN /2 6382'.
09:15	0.75	10:00	3	REAMING	DRILL REST OF SHOE TRACK 6382-6439' & WASH TO TD @ 6465'.
10:00	1.25	11:15	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HORIZONTAL HOLE 6465-6529'.
11:15	0.50	11:45	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6524-6528. LOST ALL ROP & DIFF PRESSURE.
11:45	1.25	13:00	5	COND MUD & CIRC	CIRCULATE, MIX/PUMP SLUG.
13:00	2.75	15:45	6	TRIPS	POH TO CHANGE MOTOR.
15:45	1.25	17:00	6	TRIPS	CHANGE BIT & MOTOR. MOTOR DRIVE SHAFT TWISTED OFF. BIT #5 COND: 0-4-BT-G-X-I-CT-DTF. 5 GAUGE CUTTER BROKEN OR CHIPPED.
17:00	3.25	20:15	6	TRIPS	SCRIBE MOTOR BEND TO MWD & RIH W/NEW BIT #6.
20:15	0.25	20:30	20	DIRECTIONAL WORK	RE-LOG GR 6515-6528'.
20:30	0.75	21:15	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6528-6537'.
21:15	0.75	22:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6537-6570'.
22:00	0.75	22:45	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6570-6582'.
22:45	1.00	23:45	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6582-6622'.
23:45	0.75	00:30	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6622-6632'.
00:30	0.50	01:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6632-6667'.
01:00	1.50	02:30	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6667-6679'.
02:30	0.50	03:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6679-6715'.
03:00	1.00	04:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6715-6730'.
04:00	0.75	04:45	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6730-6763'.
04:45	0.50	05:15	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6763-6770'.
05:15	0.25	05:30	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6770-6811'.
05:30	0.50	06:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6811-6826'.

13H-13-46 BTR 10/5/2011 06:00 - 10/6/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRLG 6826' TO 7239' (413' IN 11.5 HR = 35.9 FPH), SLIDE:74' IN 4.5 HR = 16.4 FPH, ROTATE: 339' IN 7 HR = 48.4 FPH.MM SPERRYGEO FOECE 5" 4/5 LOBE 5.4 STAGE .92 GPR 1.5 FIXED 5.22 BTB.
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRLG F/ 7239' TO 7766' (527' IN 12HR = FPH)SLIDE:49' IN 3.5 HR = 14 FPH, ROTATE: 478' IN 8.5 HR = 56.2 FPH.

13H-13-46 BTR 10/6/2011 06:00 - 10/7/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	DRLG F/ 7766' TO 8569' (803' IN 11 HR = 73 FPH) SLIDE: 12' IN 1.5 HR = 8 FPH, ROTATE: 791' IN 9.5 HR = 83.3 FPH. .MM SPERRYGEO FOECE 5" 4/5 LOBE 5.4 STAGE .92 GPR 1.5 FIXED 5.22 BTB.
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30		17:30	2	DRILL ACTUAL	DRLG F/ 8569' TO 9454' (885' IN 12.5 HR = 70.8 FPH) SLIDE: 21' IN 2 HR = 10.5 FPH, ROTATE: 864' IN 10.5 HR = 86.4 FPH.LAST SURVEY 9278' 91.5 DEG 272.63 AZ. 5.5' RIGHT AND 5' BELOW PLAN.

13H-13-46 BTR 10/7/2011 06:00 - 10/8/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	DRLGF/ 9454' TO 9684' @ 76.7 FPH. ROTATING MM SPERRYGEO FOECE 5" 4/5 LOBE 5.4 STAGE .92 GPR 1.5 FIXED 5.22 BTB.
09:00	1.25	10:15	5	COND MUD & CIRC	PUMP SUPER SWEEP, CIRC. PUMP DRY SLUG.
10:15	7.75	18:00	6	TRIPS	TOOH, L/D DIRCTIONAL TOOLS. P/U REAMER ASSM. TIH
18:00	7.50	01:30	3	REAMING	REAM OUT LATERAL W/ DUEL REAMERS. W/ 400 GPM, 95 RPM.
01:30	1.00	02:30	5	COND MUD & CIRC	CIRC.
02:30	3.50	06:00	6	TRIPS	TOOH, DROP 2" RABBIT

**13H-13-46 BTR 10/8/2011 06:00 - 10/9/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	6	TRIPS	TOOH W/ REAMERS
06:45	3.00	09:45	11	WIRELINE LOGS	RIG UP DP LOGGS
09:45	5.00	14:45	11	WIRELINE LOGS	TIH W/ LOGS
14:45	2.25	17:00	5	COND MUD & CIRC	CIRC. BOTTOMS UP
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	9.25	02:45	11	WIRELINE LOGS	LOG OUT OF HOLE 18 FT/MIN, TO CASING THEN 60 FT/MIN TO SURFACE. RIG DN LOGGERS. TRIPLE COMBO ANDFMI. F/ 9671'.
02:45	3.25	06:00	6	TRIPS	TIH W/ DUEL REAMERS

13H-13-46 BTR 10/9/2011 06:00 - 10/10/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	TIH W/ REAMERS.
07:00	1.25	08:15	5	COND MUD & CIRC	CIRC, FLOW CHECK, PUMP DRY SLUG
08:15	3.75	12:00	6	TRIPS	TOOH
12:00	6.00	18:00	12	RUN CASING & CEMENT	HSM RIG UP WEATHERFORD CASING AND RUN LINER. FS (1.5'), SHOE JT (42.38), FC (.90'), BALL SEAT (1.17), 1 JT 4 1/2" 11.6# P-110 LTC CASING (42.60), DSI (2.72), 2 JTS CASING (84.69), SWELL PACKER #1 (42.33), 2 JTS (84.61) DSS #1 (2.57), 2 JTS (84.71), SP #2 (42.33) 2 JT (84.68), DSS #2 (2.57), 2 JTS (87.39), SP #3 (43.70) 2 JTS (86.43), DSS #3 (2.57), 2 JTS (78.30), SP #4 (43.64), 2 JTS (85.93), DSS #4 (2.57), 2 JTS (84.75), SP #5 (43.37), 2 JTS (87.31), DSS #5 (2.57), 2 JTS (83.19), SP #6 (40.10), 2 JTS (85.72), DSS #6 (2.57), 21 JTS (87.44) SP #7 (43.70), 2 JTS (87.12), DSS #7 2.57), 2 JTS (86.03), SP #8 (44.45), 2 JTS (83.85), DSS #8 (2.57) 2 JTS (85.72), SP #9 (43.70), 2 JTS (87.38), DSS #9 (2.57), 2 JTS (85.87), SP #10 (40.11), 2 JT (87.42), DSS #10 (2.57), 2 JTS (82.76), SP #11 (38.95), 2 JTS (87.56), DSS #11 (2.57), 2 JTS (86.10), SP #12 (39.04), 2 JTS (87.37), DSS #12 (2.57), 1 JTS (43.72), SP #13 (43.71), 1 JTS (39.04), DSS #13 (2.57), 1 JT (43.68), SP #14 (38.45), 2 JTS (77.95), DSS#14 (2.57), 3 JTS (128.47), SP #15 (42.25), 4 JTS (166.27) SP #16 (43.74), 18 JTS (868.81), VERSAFLEX LINER HANGER (25.83), SETTING HEAD (6.84), PUP JT (5.00). RIG DN CASIERS
18:00	5.75	23:45	12	RUN CASING & CEMENT	TIH W/ 57 AND SINGLE, 45 FPM.
23:45	0.75	00:30	5	COND MUD & CIRC	CIRC. BOTTOMS UP
00:30	4.25	04:45	12	RUN CASING & CEMENT	HSM, PRESURE TEST LINES, 10 BLS H2O, 64 BLS DEISEL, DISPLACED W/ 63 BLS CAY WEB AND BIOCID WATER, 37 BLS 10# DRILLING MUD. SHUT DOWN DROP BALL. PRESURE UP ON HANGER.PULL TEST 80K OVER, TESTBACK SIDE TO 1000# F/ 10 MINS. PULL OUT PBR AND DISPLACE HOLE W/ CAY WEB AND BIOCID. FLOW CHECK.
04:45	1.25	06:00	6	TRIPS	RIG UP LAY DN TRUCK LDDP

13H-13-46 BTR 10/10/2011 06:00 - 10/11/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	6	TRIPS	LDDP, TIH, LDDP
14:00	4.00	18:00	14	NIPPLE UP B.O.P	NIPPLE DN CLEAN MUD TANKS. RIG RELEASE 18:00 HR 10/10/11

13H-13-46 BTR 10/14/2011 06:00 - 10/15/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Prod. Tank Battery And Treater Brought In And Rigged Up, Clean 9 Frac Tanks And Spot On 7-13D Tank Battery Site, Bring In Poly Pipe And Set On 7-13D.

13H-13-46 BTR 10/15/2011 06:00 - 10/16/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	GOP	General Operations	Setting Tanks At 7-13D For Tank Farm, Light Crew Working On Facilities. WSI And Secured.

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Con't Setting Tanks On 7-13D For Tank Farm, Construction Crews Working On Facilities. WSI And Secured.

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	WLWK	Wireline	MIRU SLB E-Line, RIH CBL in 7" From 5420' to Surface., NU Cameron Tbg. Head.
18:00	12.00	06:00	GOP	General Operations	Cont. Build Production Facility.

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	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	3.00	10:30	GOP	General Operations	Set Anchors, Unload 4.5" Csg., Drift, Inspect & Talley Csg.
10:30	1.00	11:30	SRIG	Rig Up/Down	MIRU w/o Rig.
11:30	1.00	12:30	BOPI	Install BOP's	NU Night Cap, NU BOP.
12:30	1.50	14:00	SRIG	Rig Up/Down	RU Work floor. MIRU Csg. Crew.
14:00	4.00	18:00	RUTB	Run Tubing	PU Haliburton TBR Seal assembly, Cont. PU 4.5 Csg.
18:00	1.00	19:00	GOP	General Operations	Space out For Tbg. Hanger, Damaged Hanger Seal from Annular Element. Pull hanger.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WSI. SDFN.

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	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	1.50	09:00	GOP	General Operations	Change Hanger seal, Land Csg. w/ Hanger, W/ 30k down on seal assembly. Land Frac string as follows: Casing Components																																																
<table border="1"> <thead> <tr> <th>Item Des</th> <th>OD (in)</th> <th>ID (in)</th> <th>Wt (lb/ft)</th> <th>Grade</th> <th>Len (ft)</th> <th>Jts</th> <th>Top Thread</th> </tr> </thead> <tbody> <tr> <td>Casing Hanger</td> <td>4 1/2</td> <td>4</td> <td></td> <td>0.7</td> <td>1</td> <td></td> <td>-11.9 -</td> </tr> <tr> <td>Casing Joints</td> <td>4 1/2</td> <td>4</td> <td>11.6</td> <td>P-110</td> <td>42.34</td> <td>1</td> <td>-11.2 31.1</td> </tr> <tr> <td>Casing Pup Joint</td> <td>4 1/2</td> <td>4</td> <td>11.6</td> <td>P-110</td> <td>29.54</td> <td>7</td> <td>31.1</td> </tr> <tr> <td>Casing Joints</td> <td>4 1/2</td> <td>4</td> <td>11.6</td> <td>P-110</td> <td>5,334.49</td> <td>126</td> <td>60.6</td> </tr> <tr> <td>Seal Assembly</td> <td>4 1/2</td> <td>4</td> <td></td> <td>13.27</td> <td>1</td> <td></td> <td>5,395.10</td> </tr> </tbody> </table>						Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top Thread	Casing Hanger	4 1/2	4		0.7	1		-11.9 -	Casing Joints	4 1/2	4	11.6	P-110	42.34	1	-11.2 31.1	Casing Pup Joint	4 1/2	4	11.6	P-110	29.54	7	31.1	Casing Joints	4 1/2	4	11.6	P-110	5,334.49	126	60.6	Seal Assembly	4 1/2	4		13.27	1		5,395.10
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top Thread																																														
Casing Hanger	4 1/2	4		0.7	1		-11.9 -																																														
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Casing Joints	4 1/2	4	11.6	P-110	5,334.49	126	60.6																																														
Seal Assembly	4 1/2	4		13.27	1		5,395.10																																														
09:00	0.50	09:30	SRIG	Rig Up/Down	RDMO Csg. Crew,																																																
09:30	1.00	10:30	PTST	Pressure Test	Pressure test to 2000#.																																																
10:30	0.50	11:00	BOPR	Remove BOP's	ND BOP, NU Cameron Bonnet, NU Cable Frac Tree. .																																																
11:00	1.00	12:00	SRIG	Rig Up/Down	RDMO w/o Rig																																																
12:00	18.00	06:00	LOCL	Lock Wellhead & Secure	WSI.																																																

**13H-13-46 BTR 10/20/2011 06:00 - 10/21/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction crew are working on production facilities, Ran +/- 2000 of 12" poly line for 7-13D tank farm staging area. Fusing machine broke down, had to send fusing machine to SLC for repair. Continue to truck in 3 % KCL. to tank farm.

13H-13-46 BTR 10/21/2011 06:00 - 10/22/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction finished with production facility. pipe fusing crew still running 12" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d.

13H-13-46 BTR 10/22/2011 06:00 - 10/23/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction finished with production facility. pipe fusing crew still running 12" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d.

13H-13-46 BTR 10/23/2011 06:00 - 10/24/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction finished with production facility. pipe fusing crew still running 12" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d. Back filled mouse holes and cellar ring. Built berms for storage and flow back tanks.

13H-13-46 BTR 10/24/2011 06:00 - 10/25/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, finished fusing 2" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d. set flow back & storage tanks and built berms for storage and flow back tanks.

13H-13-46 BTR 10/25/2011 06:00 - 10/26/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Western Pump & Dredge travel to location. Completed function test on 12" transfer line from the 7-13d to 13H-13, water transfer rate @ 54 bpm. rigged up flow back equipment.

13H-13-46 BTR 10/26/2011 06:00 - 10/27/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Pressure tested 4" 10k frac valves, 4" valve would not hold 4500 psi, Pressure tested sand trap to 2000 psi, good test and flow back lines to 4500 psi, good test. Trucked in slurry and fresh to tank farm. 7-13d tank farm is about 80% full and all 19 frac tanks on 13H location are full and ready to heat.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 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.		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 13H-13-46 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013504680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALMAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S 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: 11/14/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
		OTHER: <input type="text" value="Lease Number"/>
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 BBC has earned the tribal lease for this section. The lease number for this well is now 1420H626368 containing 640 acres.</p> <p style="text-align: right;">Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A		DATE 11/14/2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
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		<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.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 11/2/2011

**13H-13-46 BTR 10/1/2011 06:00 - 10/2/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5976-5978'. LOST RETURNS @ 5978'.
06:15	0.25	06:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5978-5986'. LOST RETURNS @ 5978'.
06:30	1.75	08:15	5	COND MUD & CIRC	PICK UP, REDUCE PUMP TO 135 GPM & MIX LCM. WHEN RETURNS REGAINED, STAGE UP PUMPS BACK TO DRILLING RATE.
08:15	0.25	08:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 5986-5988'.
08:30	0.75	09:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 5988-6005'.
09:15	0.50	09:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6005-6019'.
09:45	0.75	10:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6019-6035'.
10:30	0.25	10:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6035-6050'.
10:45	0.75	11:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6050-6071'.
11:30	0.25	11:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6071-6082'.
11:45	0.75	12:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6082-6103'.
12:30	0.25	12:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6103-6114'.
12:45	0.75	13:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6114-6133'.
13:30	0.25	13:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6133-6145'.
13:45	0.50	14:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6145-6166'.
14:15	0.25	14:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6166-6177'.
14:30	0.75	15:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6177-6200'.
15:15	0.25	15:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6200-6208'.
15:30	0.75	16:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6208-6232'.
16:15	0.25	16:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6232-6238'.
16:30	0.50	17:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
17:00	0.50	17:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6238-6257'.
17:30	0.50	18:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6257-6271'.
18:00	1.00	19:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6271-6294'.
19:00	0.50	19:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6294-6302'.
19:30	1.00	20:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6302-6325'.
20:30	0.25	20:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6325-6333'.
20:45	1.00	21:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6333-6349'.
21:45	0.75	22:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6349-6366'.
22:30	0.75	23:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6366-6372'.
23:15	1.25	00:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6372-6396'.
00:30	0.50	01:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6396-6412'.
01:00	0.50	01:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6412-6427'.
01:30	1.00	02:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6427-6449'.
02:30	0.50	03:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6449-6465' (TD).
03:00	1.00	04:00	5	COND MUD & CIRC	PUMP 30 BBL SUPER SWEEP PILL & CIRCULATE 2X BOTTOMS UP. SHAKERS CLEAN.
04:00	0.50	04:30	6	TRIPS	POH WET TO 5800'.
04:30	1.50	06:00	6	TRIPS	PUMP SLUG & CONTINUE TO POH TO PICK UP REAMING BHA.

13H-13-46 BTR 10/2/2011 06:00 - 10/3/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.25	08:15	6	TRIPS	POH FROM 3500' TO PICK UP REAMING BHA.
08:15	1.00	09:15	6	TRIPS	LAY DOWN SPERRY TOOLS.
09:15	0.50	09:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
09:45	0.50	10:15	6	TRIPS	MAKE UP REAMING BHA: 6 1/2 BULLNOSE, 6 1/2 FLOAT SUB, 8 5/8 WATERMELON REAMER, 4 1/2 DP PUP JT, 8 5/8 WATERMELON REAMER. INSTALL ROTATING RUBBER.
10:15	2.50	12:45	6	TRIPS	RIH W/33 JTS 4 1/2 HWDP & DP TO 5550' (KOP).
12:45	2.25	15:00	3	REAMING	REAM BUILDUP SECTION 5550-6000' W/100 RPM, 700 GPM @ 350 FPH. RE-REAM PLACES WHERE TORQUE WAS 1000 FT/LB MORE THAN NORMAL. LOST RETURNS @ 6000'.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	1.50	16:30	5	COND MUD & CIRC	STOPPED REAMING, SLOW PUMPS, MIX LCM & BUILD VOLUME. PARTIAL, THEN FULL RETURNS BACK @ 16:20 HRS.
16:30	4.00	20:30	3	REAMING	CONTINUE TO REAM BUILDUP 6000-6465'. VERY DIFFICULT REAMING FROM 6037' TO TD. MANY PLACES REAMED 2 TO 4 TIMES.
20:30	1.00	21:30	5	COND MUD & CIRC	PUMP 30 BBL SUPER SWEEP PILL & CIRCULATE 2 1/2X BOTTOMS UP. SHAKERS CLEAN. RIGGED UP LAY DOWN TRUCK WHILE CIRCULATING.
21:30	6.50	04:00	6	TRIPS	POH STANDING BACK 8 STANDS. PUMP SLUG, HELD PJSM W/WEATHERFORD LAY DOWN CREW & RIG CREW & POH LAYING DOWN DP. RUN BACK & LAY DOWN 8 STANDS. LAY DOWN REAMING BHA.
04:00	0.25	04:15	12	RUN CASING & CEMENT	MAKEUP WBRRT & RETRIEVE WEAR BUSHING.
04:15	0.75	05:00	12	RUN CASING & CEMENT	RIG UP CASING CREW & RE-RIG LAY DOWN TRUCK TO PICK UP CASING.
05:00	0.25	05:15	21	OPEN	HELD PJSM W/CASING CREW, LAY DOWN CREW & RIG CREW.
05:15	0.50	05:45	12	RUN CASING & CEMENT	MAKE UP/THREADLOCK/PUMP THRU 2 JT SHOE TRACK.
05:45	0.25	06:00	12	RUN CASING & CEMENT	RUN 6 JTS TOTAL 7", 23#, P110, LTC, R3 CASING.

13H-13-46 BTR 10/3/2011 06:00 - 10/4/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	12	RUN CASING & CEMENT	RUN TOTAL OF 146 JTS + LANDING JT FILLING CASING EVERY 5 JTS & INSTALLING 42 CENTRALIZERS.
12:00	0.50	12:30	12	RUN CASING & CEMENT	MAKE UP HANGER/LANDING JT & LAND HANGER IN WELLHEAD. CHECK THAT HANGER IS CORRECTLY LANDED.
12:30	2.00	14:30	12	RUN CASING & CEMENT	CIRCULATE & RECIPROCATATE CASING. 415 GPM @ 200 PSI. HOLE NOT FULL AT FIRST. FILLED HOLE W/47 BBL W/LCM & CIRCULATE W/~90% RETURNS. HELD PJSM W/CEMENTERS & RIG CREW.
14:30	2.75	17:15	12	RUN CASING & CEMENT	LAND CASING, BREAK OFF TOP DRIVE & INSTALL HOWCO CEMENT HEAD & LINE. PUMP 3 BBL WATER & TEST LINE TO 5000 PSI. HOWCO PUMPED 10 BBL WATER, 40 BBL SUPER FLUSH 101, 10 BBL WATER, DROPPED BOTTOM PLUG, 360 SX (149 BBL) TUNED LIGHT + 0.125 PPS POLY-E-FLAKE + 1 PPS GRANULITE AT 11 PPG FOLLOWED BY 310 SX POZ PREMIUM 50/50 + 0.3% HALAD-344 + 5% MICROBOND + 0.125 PPS POLY-E-FLAKE + 1 PPS GRANULITE + 0.1% HR-5 AT 13.5 PPG. DROPPED TOP PLUG. DISPLACED W/247 BBL (3 BBL SHORT OF CALCULATED DISPLACEMENT) 9 PPG MUD. DID NOT BUMP PLUG DUE TO FALLING PRESSURE LAST 5 BBL. FDP 780 PSI. HAD RETURNS THROUGHOUT JOB, BUT NO CEMENT OR SPACER AT SURFACE. BLED OFF 3/4 BBL & FLOATS HELD.
17:15	0.50	17:45	12	RUN CASING & CEMENT	WASH THRU BOP W/WATER & RIG DOWN HOWCO CEMENT HEAD/LINE.
17:45	1.25	19:00	12	RUN CASING & CEMENT	BACK OFF & LAY DOWN CASING HANGER RUNNING TOOL & LANDING JT. MAKE UP PACKOFF RUNNING TOOL ON A 4 3/4 DC & LAND ON CASING HANGER. MAKE UP TIE-DOWN SCREWS. LAY DOWN 4 3/4 DC & PACKOFF RUNNING TOOL. CHANGE PIPE RAMS TO 3 1/2 & BREAK OFF 7" X 4 1/2 XH XO. PICK UP 3 1/2 DP ELEVATORS.
19:00	1.75	20:45	15	TEST B.O.P	MAKE UP TEST PLUG ON 3 1/2 DP, SEAT IN CASING HANGER & TEST 3 1/2 PIPE RAMS & DOOR SEALS TO 250/5000 PSI FOR 5 MIN EACH TEST. PULL/LAY DOWN TEST PLUG & RIG DOWN A-1 TESTERS.
20:45	0.50	21:15	22	OPEN	DRESS TOP DRIVE FOR 3 1/2 DP.
21:15	0.50	21:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
21:45	0.75	22:30	21	OPEN	RIG UP WEATHERFORD LAY DOWN TRUCK & HELD PJSM W/LAY DOWN CREW & RIG CREW.
22:30	7.00	05:30	6	TRIPS	PICK UP 6 1/8 HORIZONTAL DRILLING BHA & RIH PICKING UP 3 1/2 DP TO 6100'. TAGGED UP.
05:30	0.50	06:00	5	COND MUD & CIRC	FILL STRING & CIRC. CHECK BOP VALVES FOR CASING TEST. RIG DOWN LAY DOWN TRUCK.

13H-13-46 BTR 10/4/2011 06:00 - 10/5/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	15	TEST B.O.P	CIRCULATE & TEST CASING TO 1500 PSI FOR 10 MIN W/BIT @ 6064'.
06:30	2.25	08:45	3	REAMING	INSTALL ROTATING RUBBER. DRILL STRINGERS/CEMENT & FLOAT COLLAR (6347') 6100-6382'.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:45	0.50	09:15	15	TEST B.O.P	CIRCULATE & TEST CASING TO 1500 PSI FOR 10 MIN /2 6382'.
09:15	0.75	10:00	3	REAMING	DRILL REST OF SHOE TRACK 6382-6439' & WASH TO TD @ 6465'.
10:00	1.25	11:15	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HORIZONTAL HOLE 6465-6529'.
11:15	0.50	11:45	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6524-6528. LOST ALL ROP & DIFF PRESSURE.
11:45	1.25	13:00	5	COND MUD & CIRC	CIRCULATE, MIX/PUMP SLUG.
13:00	2.75	15:45	6	TRIPS	POH TO CHANGE MOTOR.
15:45	1.25	17:00	6	TRIPS	CHANGE BIT & MOTOR. MOTOR DRIVE SHAFT TWISTED OFF. BIT #5 COND: 0-4-BT-G-X-I-CT-DTF. 5 GAUGE CUTTER BROKEN OR CHIPPED.
17:00	3.25	20:15	6	TRIPS	SCRIBE MOTOR BEND TO MWD & RIH W/NEW BIT #6.
20:15	0.25	20:30	20	DIRECTIONAL WORK	RE-LOG GR 6515-6528'.
20:30	0.75	21:15	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6528-6537'.
21:15	0.75	22:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6537-6570'.
22:00	0.75	22:45	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6570-6582'.
22:45	1.00	23:45	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6582-6622'.
23:45	0.75	00:30	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6622-6632'.
00:30	0.50	01:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6632-6667'.
01:00	1.50	02:30	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6667-6679'.
02:30	0.50	03:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6679-6715'.
03:00	1.00	04:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6715-6730'.
04:00	0.75	04:45	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6730-6763'.
04:45	0.50	05:15	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6763-6770'.
05:15	0.25	05:30	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 6770-6811'.
05:30	0.50	06:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 6811-6826'.

13H-13-46 BTR 10/5/2011 06:00 - 10/6/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRLG 6826' TO 7239' (413' IN 11.5 HR = 35.9 FPH), SLIDE:74' IN 4.5 HR = 16.4 FPH, ROTATE: 339' IN 7 HR = 48.4 FPH.MM SPERRYGEO FOECE 5" 4/5 LOBE 5.4 STAGE .92 GPR 1.5 FIXED 5.22 BTB.
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRLG F/ 7239' TO 7766' (527' IN 12HR = FPH)SLIDE:49' IN 3.5 HR = 14 FPH, ROTATE: 478' IN 8.5 HR = 56.2 FPH.

13H-13-46 BTR 10/6/2011 06:00 - 10/7/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	DRLG F/ 7766' TO 8569' (803' IN 11 HR = 73 FPH) SLIDE: 12' IN 1.5 HR = 8 FPH, ROTATE: 791' IN 9.5 HR = 83.3 FPH. .MM SPERRYGEO FOECE 5" 4/5 LOBE 5.4 STAGE .92 GPR 1.5 FIXED 5.22 BTB.
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30		17:30	2	DRILL ACTUAL	DRLG F/ 8569' TO 9454' (885' IN 12.5 HR = 70.8 FPH) SLIDE: 21' IN 2 HR = 10.5 FPH, ROTATE: 864' IN 10.5 HR = 86.4 FPH.LAST SURVEY 9278' 91.5 DEG 272.63 AZ. 5.5' RIGHT AND 5' BELOW PLAN.

13H-13-46 BTR 10/7/2011 06:00 - 10/8/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	DRLGF/ 9454' TO 9684' @ 76.7 FPH. ROTATING MM SPERRYGEO FOECE 5" 4/5 LOBE 5.4 STAGE .92 GPR 1.5 FIXED 5.22 BTB.
09:00	1.25	10:15	5	COND MUD & CIRC	PUMP SUPER SWEEP, CIRC. PUMP DRY SLUG.
10:15	7.75	18:00	6	TRIPS	TOOH, L/D DIRCTIONAL TOOLS. P/U REAMER ASSM. TIH
18:00	7.50	01:30	3	REAMING	REAM OUT LATERAL W/ DUEL REAMERS. W/ 400 GPM, 95 RPM.
01:30	1.00	02:30	5	COND MUD & CIRC	CIRC.
02:30	3.50	06:00	6	TRIPS	TOOH, DROP 2" RABBIT

**13H-13-46 BTR 10/8/2011 06:00 - 10/9/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	6	TRIPS	TOOH W/ REAMERS
06:45	3.00	09:45	11	WIRELINE LOGS	RIG UP DP LOGGS
09:45	5.00	14:45	11	WIRELINE LOGS	TIH W/ LOGS
14:45	2.25	17:00	5	COND MUD & CIRC	CIRC. BOTTOMS UP
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	9.25	02:45	11	WIRELINE LOGS	LOG OUT OF HOLE 18 FT/MIN, TO CASING THEN 60 FT/MIN TO SURFACE. RIG DN LOGGERS. TRIPLE COMBO ANDFMI. F/ 9671'.
02:45	3.25	06:00	6	TRIPS	TIH W/ DUEL REAMERS

13H-13-46 BTR 10/9/2011 06:00 - 10/10/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	TIH W/ REAMERS.
07:00	1.25	08:15	5	COND MUD & CIRC	CIRC, FLOW CHECK, PUMP DRY SLUG
08:15	3.75	12:00	6	TRIPS	TOOH
12:00	6.00	18:00	12	RUN CASING & CEMENT	HSM RIG UP WEATHERFORD CASING AND RUN LINER. FS (1.5'), SHOE JT (42.38), FC (.90'), BALL SEAT (1.17), 1 JT 4 1/2" 11.6# P-110 LTC CASING (42.60), DSI (2.72), 2 JTS CASING (84.69), SWELL PACKER #1 (42.33), 2 JTS (84.61) DSS #1 (2.57), 2 JTS (84.71), SP #2 (42.33) 2 JT (84.68), DSS #2 (2.57), 2 JTS (87.39), SP #3 (43.70) 2 JTS (86.43), DSS #3 (2.57), 2 JTS (78.30), SP #4 (43.64), 2 JTS (85.93), DSS #4 (2.57), 2 JTS (84.75), SP #5 (43.37), 2 JTS (87.31), DSS #5 (2.57), 2 JTS (83.19), SP #6 (40.10), 2 JTS (85.72), DSS #6 (2.57), 21 JTS (87.44) SP #7 (43.70), 2 JTS (87.12), DSS #7 2.57), 2 JTS (86.03), SP #8 (44.45), 2 JTS (83.85), DSS #8 (2.57) 2 JTS (85.72), SP #9 (43.70), 2 JTS (87.38), DSS #9 (2.57), 2 JTS (85.87), SP #10 (40.11), 2 JT (87.42), DSS #10 (2.57), 2 JTS (82.76), SP #11 (38.95), 2 JTS (87.56), DSS #11 (2.57), 2 JTS (86.10), SP #12 (39.04), 2 JTS (87.37), DSS #12 (2.57), 1 JTS (43.72), SP #13 (43.71), 1 JTS (39.04), DSS #13 (2.57), 1 JT (43.68), SP #14 (38.45), 2 JTS (77.95), DSS#14 (2.57), 3 JTS (128.47), SP #15 (42.25), 4 JTS (166.27) SP #16 (43.74), 18 JTS (868.81), VERSAFLEX LINER HANGER (25.83), SETTING HEAD (6.84), PUP JT (5.00). RIG DN CASIERS
18:00	5.75	23:45	12	RUN CASING & CEMENT	TIH W/ 57 AND SINGLE, 45 FPM.
23:45	0.75	00:30	5	COND MUD & CIRC	CIRC. BOTTOMS UP
00:30	4.25	04:45	12	RUN CASING & CEMENT	HSM, PRESURE TEST LINES, 10 BLS H2O, 64 BLS DEISEL, DISPLACED W/ 63 BLS CAY WEB AND BIOCID WATER, 37 BLS 10# DRILLING MUD. SHUT DOWN DROP BALL. PRESURE UP ON HANGER.PULL TEST 80K OVER, TESTBACK SIDE TO 1000# F/ 10 MINS. PULL OUT PBR AND DISPLACE HOLE W/ CAY WEB AND BIOCID. FLOW CHECK.
04:45	1.25	06:00	6	TRIPS	RIG UP LAY DN TRUCK LDDP

13H-13-46 BTR 10/10/2011 06:00 - 10/11/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	6	TRIPS	LDDP, TIH, LDDP
14:00	4.00	18:00	14	NIPPLE UP B.O.P	NIPPLE DN CLEAN MUD TANKS. RIG RELEASE 18:00 HR 10/10/11

13H-13-46 BTR 10/14/2011 06:00 - 10/15/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Prod. Tank Battery And Treater Brought In And Rigged Up, Clean 9 Frac Tanks And Spot On 7-13D Tank Battery Site, Bring In Poly Pipe And Set On 7-13D.

13H-13-46 BTR 10/15/2011 06:00 - 10/16/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	GOP	General Operations	Setting Tanks At 7-13D For Tank Farm, Light Crew Working On Facilities. WSI And Secured.	

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Con't Setting Tanks On 7-13D For Tank Farm, Construction Crews Working On Facilities. WSI And Secured.	

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	12.00	18:00	WLWK	Wireline	MIRU SLB E-Line, RIH CBL in 7" From 5420' to Surface., NU Cameron Tbg. Head.	
18:00	12.00	06:00	GOP	General Operations	Cont. Build Production Facility.	

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	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	3.00	10:30	GOP	General Operations	Set Anchors, Unload 4.5" Csg., Drift, Inspect & Talley Csg.	
10:30	1.00	11:30	SRIG	Rig Up/Down	MIRU w/o Rig.	
11:30	1.00	12:30	BOPI	Install BOP's	NU Night Cap, NU BOP.	
12:30	1.50	14:00	SRIG	Rig Up/Down	RU Work floor. MIRU Csg. Crew.	
14:00	4.00	18:00	RUTB	Run Tubing	PU Haliburton TBR Seal assembly, Cont. PU 4.5 Csg.	
18:00	1.00	19:00	GOP	General Operations	Space out For Tbg. Hanger, Damaged Hanger Seal from Annular Element. Pull hanger.	
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WSI. SDFN.	

13H-13-46 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
43-013-50468	Utah	Duchesne	Black Tail Ridge	COMPLETION	9,684.0	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	1.50	09:00	GOP	General Operations	Change Hanger seal, Land Csg. w/ Hanger, W/ 30k down on seal assembly. Land Frac string as follows: Casing Components																																																	
<table border="1"> <thead> <tr> <th>Item Des</th> <th>OD (in)</th> <th>ID (in)</th> <th>Wt (lb/ft)</th> <th>Grade</th> <th>Len (ft)</th> <th>Jts</th> <th>Top Thread</th> </tr> </thead> <tbody> <tr> <td>Casing Hanger</td> <td>4 1/2</td> <td>4</td> <td></td> <td>0.7</td> <td>1</td> <td></td> <td>-11.9 -</td> </tr> <tr> <td>Casing Joints</td> <td>4 1/2</td> <td>4</td> <td>11.6</td> <td>P-110</td> <td>42.34</td> <td>1</td> <td>-11.2 31.1</td> </tr> <tr> <td>Casing Pup Joint</td> <td>4 1/2</td> <td>4</td> <td>11.6</td> <td>P-110</td> <td>29.54</td> <td>7</td> <td>31.1</td> </tr> <tr> <td>Casing Joints</td> <td>4 1/2</td> <td>4</td> <td>11.6</td> <td>P-110</td> <td>5,334.49</td> <td>126</td> <td>60.6</td> </tr> <tr> <td>Seal Assembly</td> <td>4 1/2</td> <td>4</td> <td></td> <td>13.27</td> <td>1</td> <td></td> <td>5,395.10</td> </tr> </tbody> </table>							Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top Thread	Casing Hanger	4 1/2	4		0.7	1		-11.9 -	Casing Joints	4 1/2	4	11.6	P-110	42.34	1	-11.2 31.1	Casing Pup Joint	4 1/2	4	11.6	P-110	29.54	7	31.1	Casing Joints	4 1/2	4	11.6	P-110	5,334.49	126	60.6	Seal Assembly	4 1/2	4		13.27	1		5,395.10
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Seal Assembly	4 1/2	4		13.27	1		5,395.10																																															
09:00	0.50	09:30	SRIG	Rig Up/Down	RDMO Csg. Crew,																																																	
09:30	1.00	10:30	PTST	Pressure Test	Pressure test to 2000#.																																																	
10:30	0.50	11:00	BOPR	Remove BOP's	ND BOP, NU Cameron Bonnet, NU Cable Frac Tree. .																																																	
11:00	1.00	12:00	SRIG	Rig Up/Down	RDMO w/o Rig																																																	
12:00	18.00	06:00	LOCL	Lock Wellhead & Secure	WSI.																																																	

**13H-13-46 BTR 10/20/2011 06:00 - 10/21/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction crew are working on production facilities, Ran +/- 2000 of 12" poly line for 7-13D tank farm staging area. Fusing machine broke down, had to send fusing machine to SLC for repair. Continue to truck in 3 % KCL. to tank farm.

13H-13-46 BTR 10/21/2011 06:00 - 10/22/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction finished with production facility. pipe fusing crew still running 12" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d.

13H-13-46 BTR 10/22/2011 06:00 - 10/23/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction finished with production facility. pipe fusing crew still running 12" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d.

13H-13-46 BTR 10/23/2011 06:00 - 10/24/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, Construction finished with production facility. pipe fusing crew still running 12" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d. Back filled mouse holes and cellar ring. Built berms for storage and flow back tanks.

13H-13-46 BTR 10/24/2011 06:00 - 10/25/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Frac tree shut in and secured, finished fusing 2" poly line from 7-13d location to 13H-13, RNI still filling tank farm with 3% on 7-13d. set flow back & storage tanks and built berms for storage and flow back tanks.

13H-13-46 BTR 10/25/2011 06:00 - 10/26/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Western Pump & Dredge travel to location. Completed function test on 12" transfer line from the 7-13d to 13H-13, water transfer rate @ 54 bpm. rigged up flow back equipment.

13H-13-46 BTR 10/26/2011 06:00 - 10/27/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 9,684.0	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	Pressure tested 4" 10k frac valves, 4" valve would not hold 4500 psi, Pressure tested sand trap to 2000 psi, good test and flow back lines to 4500 psi, good test. Trucked in slurry and fresh to tank farm. 7-13d tank farm is about 80% full and all 19 frac tanks on 13H location are full and ready to heat.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626368
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 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.		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 13H-13-46 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013504680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALMAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> 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: 11/30/2011	<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
		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.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 12/5/2011

**13H-13-46 BTR 11/1/2011 06:00 - 11/2/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.25	07:15	GOP	General Operations	HES Frac Crew On Location @ 04:30. Service, And Start Equipment.Run Quality Control Checks On Chemicals, Sand, And Fluids. Prime - Up Chemical Pumps And HHP.	
07:15	0.25	07:30	SMTG	Safety Meeting	Safety Meeting With All Contractors Involved With Operations. Discuss Operations For Today, Pressure Test, Job Assignments, Communication, QC For Fluids, Smoking, Pressure, Red Zones, PPE.	
07:30	0.34	07:50	PTST	Pressure Test	Pressure Test Frac Pumps To 9000 Psi, Grizzly Ball Drop Pump To 4000 Psi. Open Up To 4-1/2 x 7 Annulus, And Pressure Up To 1900#. Will Maintain Around 2000# During Fracs. Equalize. SICP- 0#.	
07:50	1.59	09:25	FRAC	Frac. Job	Drop 1.625" DSI Shifting Ball, And Displace At 20 Bpm To 700 Gallons Before DSI. Slowed Rate To 10 Bpm. Shifted DSI @ 9583', At 5831 Psi. (+/- Gallons Casing Volume). Pumped Interval 1 Frac, Hybor G 17 Fluid System(21#), 24800# Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 98900# 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2722 Bbls BWTR. 111,068 Gals. Clean Fluid. Max Rate 50.2 Bpm Max. Pressure 5881 Psi.. Avg. Rate 42.5 Bpm Avg. Pressure 4611 Psi. Drop 1.875" Shifting Ball 109 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left,, Slowed Rate To 10 Bpm, Shifted Sleeve At 3628 Psi. At 9369'. +100 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.	
09:25	3.08	12:30	FRAC	Frac. Job	ISIP - 2137#, F.G. - .67 Psi/Ft.. ShutDown After Pad, GelPro Rpm's Fluctuating, Had To Change Out Fuel Filters-Brought Out From Vernal. Down 1 Hour And 40 Minutes. Pumped Interval 2 Frac, Hybor G 17 Fluid System(21#), 28000 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 120600 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2800 Bbls BWTR. 113,800 Gals. Clean Fluid. Max Rate 50.2 Bpm Max. Pressure 5119 Psi.. Avg. Rate 45.9 Bpm Avg. Pressure 4461 Psi. Drop 2.000" Shifting Ball 49 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 4611 Psi. At 9153'. -200 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.	
12:30	1.58	14:05	FRAC	Frac. Job	ISIP - 2475#, F.G. - .71 Psi/Ft..Pumped Interval 3 Frac, Hybor G 17 Fluid System(21#), 28000 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 114300 # 20/40 Premium White Sand In 3 Sand Stages (1.0#, 2.0#, 2.5#). Pumped 2756 Bbls BWTR. 111,433 Gals. Clean Fluid. Max Rate 50.3 Bpm Max. Pressure 5390 Psi.. Avg. Rate 45.4 Bpm Avg. Pressure 4541 Psi. Drop 2.125" Shifting Ball 38 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 4319 Psi At 8933'. +50 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.	
14:05	1.25	15:20	FRAC	Frac. Job	ISIP - 2761#, F.G. - .75 Psi/Ft..Pumped Interval 4 Frac, Hybor G 17 Fluid System(21#), 26700 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 119300 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2716 Bbls BWTR. 110,601 Gals. Clean Fluid. Max Rate 51.4 Bpm Max. Pressure 5085 Psi.. Avg. Rate 45.3 Bpm Avg. Pressure 4381 Psi. Drop 2.250" Shifting Ball 29 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Did Not See Shift After 1000 Gals. Over Sleeve Volume, ShutDown, ISDP - 2328# .69 F.G.. Loaded Ball In Frac Tree. Stage Into Interval #5.	
15:20	1.17	16:30	FRAC	Frac. Job	Pumped Down Shifting Ball, Shifted Sleeve At 3892 Psi At 8723'. -200 Gals. Over Calculated Volume,Pumped Interval 5 Frac, Hybor G 17 Fluid System(21#), 27600 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 121900 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2877 Bbls BWTR. 116,622 Gals. Clean Fluid. Max Rate 50.3 Bpm Max. Pressure 5028 Psi.. Avg. Rate 45.6 Bpm Avg. Pressure 4064 Psi. Flushed 15 Bbls. Over Sleeve Volume At 8505', ShutDown. ISDP - 2107 Psi. .69 F.G..	
16:30	1.00	17:30	GOP	General Operations	HES ShutDown And Secure Equipment.	
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured, Refilling Movers On Location, Hauling Water To Tank Farm And Heating.	

13H-13-46 BTR 11/2/2011 06:00 - 11/3/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.67	06:40	GOP	General Operations	HES Frac Crew On Location @ 04:30. Service, And Start Equipment.Run Quality Control Checks On Chemicals, Sand, And Fluids. Prime - Up Chemical Pumps And HHP.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:40	0.25	06:55	SMTG	Safety Meeting	Safety Meeting With All Contractors Involved With Operations. Discuss Operations For Today, Pressure Test, Job Assignments, Communication, QC For Fluids, Smoking, Pressure, Red Zones, PPE.
06:55	0.17	07:05	PTST	Pressure Test	Pressure Test Frac Pumps To 9000 Psi, Grizzly Ball Drop Pump To 4000 Psi. Open Up To 4-1/2 x 7 Annulus, And Pressure Up To 1900#. Will Maintain Around 2000# During Fracs. Equalize. SICP- 1115#.
07:05	1.42	08:30	FRAC	Frac. Job	Drop 2.375" DSS Shifting Ball, And Displace At 20 Bpm To 700 Gallons Before DSI. Slowed Rate To 10 Bpm. Shifted DSS @ 8505', At 3303 Psi. (+ 200 Gallons Casing Volume). Pumped Interval 6 Frac, Hybor G 17 Fluid System(21#), 28100# Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 121600# 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2926 Bbls BWTR. 119,070 Gals. Clean Fluid. Max Rate 50.6 Bpm Max. Pressure 4347 Psi.. Avg. Rate 44.8 Bpm Avg. Pressure 3799 Psi. Drop 2.500" Shifting Ball 62 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left., Slowed Rate To 10 Bpm, Shifted Sleeve At 4042 Psi. At 8293'. +200 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.
08:30	1.33	09:50	FRAC	Frac. Job	ISIP - 2412#, F.G. - .86 Psi/Ft..Pumped Interval 7 Frac, Hybor G 17 Fluid System(21#), 28200 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 122100 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2816 Bbls BWTR. 113,668 Gals. Clean Fluid. Max Rate 50.3 Bpm Max. Pressure 4321 Psi.. Avg. Rate 44.4 Bpm Avg. Pressure 3713 Psi. Drop 2.625" Shifting Ball 33 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 3519 Psi. At 8073'. + 200 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.
09:50	2.42	12:15	FRAC	Frac. Job	ISIP - 2064#, F.G. - .80 Psi/Ft.. Pumped Interval 8 Frac, Hybor G 17 Fluid System(21#), 28800 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 122700 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2825 Bbls BWTR. 114,527 Gals. Clean Fluid. Max Rate 51.1 Bpm Max. Pressure 4854 Psi.. Avg. Rate 44.7 Bpm Avg. Pressure 4055 Psi. Drop 2.750" Shifting Ball 43 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 3486 Psi. At 7856'. + 50 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.
12:15	0.92	13:10	FRAC	Frac. Job	ISIP - 1704#, F.G. - .74 Psi/Ft.. Down 1 Hour And 20 Minutes Waiting On Sand, Mistake Made In Yard On Volumes. 11,000#'s Short Of 100 Mesh To Frac Stage 9, Will Pump With Reduced Volumes, Will Frac 6 Stages Tomorrow. Pumped Interval 9 Frac, Hybor G 17 Fluid System(21#), 18400 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 127600 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2494 Bbls BWTR. 100,772 Gals. Clean Fluid. Max Rate 51.3 Bpm Max. Pressure 4113 Psi.. Avg. Rate 46.4 Bpm Avg. Pressure 3627 Psi.. Flushed To 15 Bbls. Over Sleeve Volume At 7636', ShutDown. ISDP - 2291 Psi., .84 F.G..
13:10	2.00	15:10	GOP	General Operations	HES ShutDown And Secure Equipment.
15:10	14.83	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured, Refilling Movers On Location, Hauling Water To Tank Farm And Heating.

13H-13-46 BTR 11/3/2011 06:00 - 11/4/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50468	Utah	Duchesne	Black Tail Ridge	PRODUCING	9,684.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.67	06:40	GOP	General Operations	HES Frac Crew On Location @ 04:30. Service, And Start Equipment.Run Quality Control Checks On Chemicals, Sand, And Fluids. Prime - Up Chemical Pumps And HHP.
06:40	0.25	06:55	SMTG	Safety Meeting	Safety Meeting With All Contractors Involved With Operations. Discuss Operations For Today, Pressure Test, Job Assignments, Communication, QC For Fluids, Smoking, Pressure, Red Zones, PPE.
06:55	0.25	07:10	PTST	Pressure Test	Pressure Test Frac Pumps To 9000 Psi, Grizzly Ball Drop Pump To 4000 Psi. Open Up To 4-1/2 x 7 Annulus, And Pressure Up To 1900#. Will Maintain Around 2000# During Fracs. Equalize. SICP- 950#.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
07:10	1.59	08:45	FRAC	Frac. Job	Drop 2.875" DSS Shifting Ball, And Displace At 20 Bpm To 700 Gallons Before DSI. Slowed Rate To 10 Bpm. Shifted DSS @ 7636', At 3926 Psi. (+ 100 Gallons Casing Volume). Pumped Interval 10 Frac, Hybor G 17 Fluid System(21#), 28800# Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 123700# 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2956 Bbls BWTR. 120,507 Gals. Clean Fluid. Max Rate 51.2 Bpm Max. Pressure 4229 Psi.. Avg. Rate 45.1 Bpm Avg. Pressure 3766 Psi. Drop 3.000" Shifting Ball 44 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left,, Slowed Rate To 10 Bpm, Shifted Sleeve At 4000 Psi. At 7420'. +150 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.
08:45	1.42	10:10	FRAC	Frac. Job	ISIP - 2398#, F.G. - .86 Psi/Ft..Pumped Interval 11 Frac, Hybor G 17 Fluid System(21#), 28100 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 119800 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2780 Bbls BWTR. 112,803 Gals. Clean Fluid. Max Rate 51.4 Bpm Max. Pressure 3998 Psi.. Avg. Rate 45.2 Bpm Avg. Pressure 3534 Psi. Drop 3.125" Shifting Ball 44 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 4038 Psi. At 7209'. + 200 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.
10:10	1.25	11:25	FRAC	Frac. Job	ISIP - 2739#, F.G. - .91 Psi/Ft.. Pumped Interval 12 Frac, Hybor G 17 Fluid System (21#), 28400 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 101900 # 20/40 Premium White Sand In 3 Sand Stages (1.0#, 2.0#, 2.5#), 87% Of Total Desined Sand Pumped. Pumped 2637 Bbls BWTR. 107,381 Gals. Clean Fluid. Max Rate 51.2 Bpm Max. Pressure 5177 Psi.. Avg. Rate 45.0 Bpm Avg. Pressure 4321 Psi. Drop 3.280" Shifting Ball 45 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 4986 Psi. At 6993'. +150 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.
11:25	1.58	13:00	FRAC	Frac. Job	ISIP - 3050#, F.G. - .97 Psi/Ft.. Pumped Interval 13 Frac, Hybor G 17 Fluid System (21#), 24700 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 96800 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2558 Bbls BWTR. 103,987 Gals. Clean Fluid. Max Rate 51.2 Bpm Max. Pressure 5220 Psi.. Avg. Rate 44.7 Bpm Avg. Pressure 4167 Psi. Drop 3.443" Shifting Ball 114 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 3757 Psi. At 6864'. + 200 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown.
13:00	1.50	14:30	FRAC	Frac. Job	ISIP - 2259#, F.G. - .83 Psi/Ft.. Pumped Interval 14 Frac, Hybor G 17 Fluid System (21#), 20600 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 82800 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 2213 Bbls BWTR. 89,801 Gals. Clean Fluid. Max Rate 51.3 Bpm Max. Pressure 5426 Psi.. Avg. Rate 43.6 Bpm Avg. Pressure 3663 Psi. Drop 3.615" Shifting Ball 38 Bbls. Into Flush, And Displace Ball @ 50 bpm At 700 Gals. Left, Slowed Rate To 10 Bpm, Shifted Sleeve At 3523 Psi. At 6698'. + 150 Gals. Over Calculated Volume, Bring Up Rate To 30 Bpm For 1000 Gals., ShutDown. Wait For Last Two Loads Of Sand To Get Blown Off.
14:30	1.25	15:45	FRAC	Frac. Job	ISIP - 2271#, F.G. - .83 Psi/Ft.. Pumped Interval 15 Frac, Hybor G 17 Fluid System (21#), 31500 # Of 100 Mesh Sand In 2 Sand Stages (0.5#(Linear Fluid), 1.0#), And 125500 # 20/40 Premium White Sand In 4 Sand Stages (1.0#, 2.0#, 2.5#, 3.0#). Pumped 3110 Bbls BWTR. 125,329 Gals. Clean Fluid. Max Rate 51.4 Bpm Max. Pressure 3761 Psi.. Avg. Rate 45.9 Bpm Avg. Pressure 3330 Psi.. OverFlush Sleeve Volume At 7420' 15 Bbls., ShutDown. ISDP - 2827 Psi. .93 F.G..
15:45	2.25	18:00	SRIG	Rig Up/Down	HES RigDown Equipment And MOL.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured, Batching Tanks For CTU, Heat To 110 Degrees.

13H-13-46 BTR 11/4/2011 06:00 - 11/5/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	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	GOP	General Operations	WSI And Secured, Waiting On CTS CTU. Western Pump And Dredge Finish Tear Down Of Alum. On 7-13D And 13H-13.

13H-13-46 BTR 11/5/2011 06:00 - 11/6/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	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	GOP	General Operations	WSI And Secured, Waiting On CTU

**13H-13-46 BTR 11/6/2011 06:00 - 11/7/2011 06:00**

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	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	GOP	General Operations	Well Opened Up To FlowBack At 0730 Hrs.. Initial Psi - 900#'s, Will Maintain 120 BPH With Choke, Averaging 12/24".

13H-13-46 BTR 11/7/2011 06:00 - 11/8/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	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	FBCK	Flowback Well	Well Flowing Thru 15/64" Choke, Trying To Avg. 2 BPM Returns, 500#'s Flowing Pressure. WP&D Cutting Up Poly From 7-13D

13H-13-46 BTR 11/8/2011 06:00 - 11/9/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	FBCK	Flowback Well	Flowed Well On 15/64" Choke, Returned 730 Bbls. Fluid, Total Returned After Frac 5762 Bbls., 35,524 Barrels To Recover. Shut In At 600 Psi.
12:00	4.50	16:30	LOCL	Lock Wellhead & Secure	WSI And Secured, Waiting On CT Crew And Equipment To Arrive.
16:30	4.84	21:20	SRIG	Rig Up/Down	MIRU CTS CTU, Crane Broke Down During Trip, Wait 2 Hr. For Replacement, Crew Didn't Have WellHead Bolts, Delayed Another Hour Getting Those. Pick Up Injector Head, Pull Tested Coil Connector To 25,000#'s, Filled Reel With Fluid, Pressure Tested Coil Connector To 3,000 Psi.. Made Up 3.625" Stabilizer, 2.875" MHA, Dual Circ. Sub., And Motor With 3.70" Cowboy Mill. Pressure Test Injector Head And Lubricator To 4500 Psi, Equalize, Open To Well, Start Running In Hole.
21:20	1.53	22:52	TRIP	Tripping	Open Well Up To 24/64" Choke While Running In Hole, Begin Pumping At .25 Bpm. WellHead Psi - 500 Psi.
22:52	0.27	23:08	CLN	Clean Out Hole	Increase Pump Rate To 2.5 Bpm 100' Above DSS #14 At 6698', Tag And Drill Out Sleeve, Showing 3 Bpm Returns, WellHead Psi - 500 Psi., DrillOut In 4 Minutes. Pump 10 Bbl. Sweep.
23:08	0.17	23:18	CLN	Clean Out Hole	Trip In To DSS #13 At 6864', DrillOut, 3 Bpm Returns, WellHead Psi. - 500 Psi. DrillOut In 3 Min. Pump 10 Bbl. Sweep.
23:18	0.21	23:31	CLN	Clean Out Hole	Trip In To DSS #12 At 6993', DrillOut, 3 Bpm Returns, WellHead Psi. - 500 Psi. DrillOut In 2 Min. Pump 10 Bbl. Sweep.
23:31	0.45	23:58	CLN	Clean Out Hole	Trip In To DSS #11 At 7209', DrillOut, 3 Bpm Returns, WellHead Psi. - 500 Psi. DrillOut In 18 Min. Pump 10 Bbl. Sweep.
23:58	0.17	00:08	CLN	Clean Out Hole	Trip In To DSS #10 At 7420', DrillOut, 3 Bpm Returns, WellHead Psi. - 400 Psi. DrillOut In 10 Min. Pump 40 Bbl. Sweep.
00:08	1.42	01:33	CLN	Clean Out Hole	Trip In To DSS #9 At 7636', Tag And Pull Upto 5400'. Trip Back In To DSS #9. WellHead Psi - 450 Psi. 3 Bpm Returns. Drill Out In 8 Min., Pump 10 Bbl. Sweep.
01:33	0.41	01:58	CLN	Clean Out Hole	Trip In To DSS #8 At 7856', DrillOut, 3 Bpm Returns, WellHead Psi. - 450 Psi. DrillOut In 12 Min. Pump 10 Bbl. Sweep.
01:58	0.37	02:20	CLN	Clean Out Hole	Trip In To DSS #7 At 8073', DrillOut, 3 Bpm Returns, WellHead Psi. - 450 Psi. DrillOut In 14 Min. Pump 10 Bbl. Sweep.
02:20	0.30	02:38	CLN	Clean Out Hole	Trip In To DSS #6 At 8293', DrillOut, 3 Bpm Returns, WellHead Psi. - 450 Psi. DrillOut In 11 Min. Pump 10 Bbl. Sweep.
02:38	0.26	02:54	CLN	Clean Out Hole	Trip In To DSS #5 At 8505', DrillOut, 3 Bpm Returns, WellHead Psi. - 300 Psi. DrillOut In 8 Min. Pump 40 Bbl. Sweep.
02:54	3.10	06:00	CLN	Clean Out Hole	Trip In To DSS #4 At 8723', Tag And Pull Upto 5400'. Had To Work Way Thru Heavy Sand Returns 7700' To 5400'. Trip Back In To DSS #4. WellHead Psi - 300 Psi. 3 Bpm Returns.

13H-13-46 BTR 11/9/2011 06:00 - 11/10/2011 06:00

API/UWI 43-013-50468	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 9,684.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	CLN	Clean Out Hole	Trip In To DSS #4 At 8723', DrillOut, WellHead Psi - 200 Psi. 2.5 Bpm Returns. Drill Out In 16 Minutes. Pump 10 Bbl. Sweep.
06:00	0.45	06:27	CLN	Clean Out Hole	Trip In To DSS #3 At 8933', DrillOut, 2.5 Bpm Returns, WellHead Psi. - 200 Psi. DrillOut In 7 Min. Pump 10 Bbl. Sweep.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:27	0.23	06:40	CLN	Clean Out Hole	Trip In To DSS #2 At 9155', DrillOut, 2.5 Bpm Returns, WellHead Psi. - 200 Psi. DrillOut In 12 Min. Pump 10 Bbl. Sweep.
06:40	0.33	07:00	CLN	Clean Out Hole	Trip In To DSS #1 At 9369', DrillOut, 2.5 Bpm Returns, WellHead Psi. - 200 Psi. DrillOut In 13 Min. Pump 10 Bbl. Sweep.
07:00	1.00	08:00	CLN	Clean Out Hole	Trip In To DSI At 9583', Pump 40 Bbl. Sweep, Circulate Hole 30 Min.
08:00	4.00	12:00	TRIP	Tripping	Tooh With Coil, Maintain 2 - 4 Bpm Fought Way Thru Section 8600' To 6500', Decrease Rate To 2.0 Bpm Until 1000'. Close WellHead, Disconnect BHA, Blow Reel Dry With N2.
12:00	2.00	14:00	SRIG	Rig Up/Down	Shut In Well, Disconnect Injector And Lubricator, R/D CTS CTU And Equipment.
14:00	16.00	06:00	FBCK	Flowback Well	FlowBack Well On 15/64" Choke

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
4301350468	13H-13-46 BTR		SESE	13	4S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	18208	18208	9/11/2011		9/20/2011		
Comments: <u>GRRV only</u>			CONFIDENTIAL			1131112	

Well 2

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

Well 3

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

ACTION CODES:

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

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

Title

1/31/2012

Date

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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. 1420H626368

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. 13H-13-46 BTR

9. API Well No. 43-013-50468

10. Field and Pool, or Exploratory ALTAMONT

11. Sec., T., R., M., or Block and Survey or Area Sec 13 T4S R6W Mer UBM

12. County or Parish DUCHESNE 13. State UT

14. Date Spudded 09/11/2011 15. Date T.D. Reached 10/07/2011 16. Date Completed 11/10/2011 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* 6487 GL

18. Total Depth: MD 9684 TVD 5928 19. Plug Back T.D.: MD 6356 TVD 612 20. Depth Bridge Plug Set: MD 6483 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, GAMMA, TEMPERATURE, MUD *APT, CPD, CON, TC, HJ, DEM CBL*

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24.000	16.000 COND	65.0	0	104	104			0	
12.250	9.625 J-55	36.0	0	1526	1514	800	187	0	
8.750	7.000 P-110	23.0	0	6465	6448	670	230	2546	
6.125	4.500 P-110	11.6	0	9684	9668				

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	6698	9586	6698 TO 9586			SLOTTED SLEEVES
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6698 TO 9586	GREEN RIVER: SEE TREATMENT STAGES 1 -15

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
11/10/2011	11/11/2011	24	→	422.0	289.0	1175.0	52.0		FLOWES FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	SI	547.0	→	422	269	1175	637	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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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.

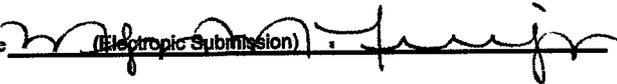
31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	1983
				MAHOGANY	2565
				DOUGLAS CREEK	4727
				BLACK SHALE	5534
				CASTLE PEAK	5769
				UTELAND BUTTE	6167
				CR 1	6314
				TD	9684

32. Additional remarks (include plugging procedure):
 TOC was calculated by CBL. CBL and logs were mailed due to file size. First gas sales was on 11/10/2011. First oil sales was on 11/11/2011. Conductor was cemented with grout. Production liner was not cemented. Stimulation Sleeves were used to complete well, attached is swell packer and stimulation sleeve placement data.
 Pilot Hole Total Depth was at 6465' MD, 6102' TVD.

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 #127682 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal

Name (please print) MEGAN FINNEGAN Title PERMIT ANALYST
 Signature  Date 01/10/2012

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 ****

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13H-13-46BTR Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
<u>Stage</u>	<u>BBLs Slurry</u>	<u>lbs 20/40 White Sand</u>	<u>lbs 100 Mesh Sand</u>
1	2,778	98,900	24,800
2	2,869	120,600	28,000
3	2,807	28,000	114,100
4	2,790	119,300	26,700
5	2,939	121,900	27,600
6	3,001	121,600	28,100
7	2,868	122,100	28,200
8	2,890	122,700	28,800
9	2,556	127,600	18,400
10	3,034	123,700	28,800
11	2,846	119,800	28,100
12	2,697	101,900	28,400
13	2,607	96,800	24,700
14	2,250	82,800	20,600
15	3,157	139,500	31,500

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

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STIMULATION SLEEVES			
DSS #	ID (in)	Ball	DEPTH
DSI	1.540	1.625	9,583
1	1.790	1.875	9,369
2	1.915	2.000	9,155
3	2.040	2.125	8,933
4	2.165	2.250	8,723
5	2.290	2.375	8,505
6	2.415	2.500	8,293
7	2.540	2.625	8,073
8	2.665	2.750	7,856
9	2.790	2.875	7,636
10	2.915	3.000	7,420
11	3.040	3.125	7,209
12	3.155	3.280	6,993
13	3.310	3.443	6,864
14	3.473	3.615	6,698
15			
16			
17			
18			
19			
20			
21			
22			
23			

SWELL PACKERS			
SP #	DEPTH	SP #	DEPTH
1	9,493	25	
2	9,279	26	
3	9,062	27	
4	8,850	28	
5	8,633	29	
6	8,417	30	
7	8,201	31	
8	7,981	32	
9	7,765	33	
10	7,545	34	
11	7,332	35	
12	7,117	36	
13	6,944	37	
14	6,815	38	
15	6,568	39	
16	6,359	40	
17		41	
18		42	
19		43	
20		44	
21		45	
22		46	
23		47	
24		48	

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Bill Barrett Corp

Duchesne County, UT (NAD 1927)

Sec. 13-T4S-R6W

13H-13-46 BTR

Plan A Rev 0

Design: Sperry MWD Survey

Sperry Drilling Services Standard Report

04 November, 2011

Well Coordinates: 655,135.18 N, 2,278,515.68 E (40° 07' 39.96" N, 110° 30' 14.18" W)

Ground Level: 6,486.00 ft

Local Coordinate Origin:	Centered on Well 13H-13-46 BTR
Viewing Datum:	RKB 24' @ 6510.00ft (H&P 319)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 2003.16 Build: 431

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HALLIBURTON

HALLIBURTON

Design Report for 13H-13-46 BTR - Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.00	0.27	243.28	133.00	-0.14	-0.28	0.28	0.20
First Sperry MWD Survey							
195.00	0.26	248.30	195.00	-0.26	-0.54	0.54	0.04
258.00	0.24	163.22	258.00	-0.44	-0.64	0.63	0.54
342.00	0.29	337.53	342.00	-0.41	-0.67	0.66	0.63
433.00	0.57	344.74	433.00	0.24	-0.87	0.88	0.31
525.00	0.45	333.82	524.99	1.01	-1.15	1.17	0.17
616.00	0.66	321.53	615.99	1.74	-1.64	1.67	0.26
708.00	0.94	330.55	707.98	2.81	-2.34	2.39	0.33
799.00	1.45	313.53	798.96	4.25	-3.54	3.61	0.68
891.00	0.65	259.07	890.94	4.95	-4.90	4.98	1.30
982.00	1.91	164.02	981.92	3.34	-5.51	5.57	2.04
1,074.00	1.99	180.24	1,073.87	0.22	-5.62	5.63	0.16
1,166.00	2.05	177.49	1,165.81	-3.02	-5.56	5.50	0.12
1,258.00	1.55	179.95	1,257.77	-5.91	-5.48	5.38	0.55
1,352.00	0.87	179.20	1,351.75	-7.90	-5.47	5.34	0.72
1,457.00	0.99	192.40	1,456.73	-9.58	-5.66	5.49	0.23
1,542.00	0.98	218.15	1,541.72	-10.87	-6.26	6.08	0.52
1,637.00	1.10	189.37	1,636.71	-12.41	-6.91	6.70	0.56
1,731.00	0.08	224.17	1,730.70	-13.35	-7.11	6.88	1.10
1,825.00	0.99	195.26	1,824.69	-14.18	-7.37	7.12	0.98
1,920.00	0.76	176.82	1,919.68	-15.60	-7.55	7.28	0.38
2,014.00	0.77	172.32	2,013.68	-16.85	-7.43	7.14	0.06
2,108.00	0.90	184.13	2,107.67	-18.21	-7.40	7.08	0.23
2,202.00	0.68	214.44	2,201.66	-19.40	-7.77	7.43	0.49
2,297.00	1.06	207.83	2,296.65	-20.65	-8.49	8.14	0.41
2,391.00	1.03	210.45	2,390.63	-22.14	-9.33	8.95	0.06
2,485.00	0.81	179.70	2,484.62	-23.54	-9.75	9.35	0.57
2,580.00	0.58	254.49	2,579.61	-24.34	-10.21	9.79	0.91
2,674.00	0.20	50.08	2,673.61	-24.36	-10.55	10.13	0.82
2,768.00	0.32	178.26	2,767.61	-24.51	-10.41	9.99	0.50
2,863.00	1.74	335.13	2,862.60	-23.47	-11.01	10.61	2.15
2,957.00	1.15	317.01	2,956.57	-21.49	-12.25	11.88	0.79
3,052.00	1.26	345.66	3,051.55	-19.78	-13.16	12.82	0.64
3,146.00	1.28	23.87	3,145.53	-17.82	-12.99	12.69	0.88
3,240.00	3.32	8.01	3,239.45	-14.16	-12.19	11.94	2.25
3,334.00	3.53	349.17	3,333.28	-8.62	-12.35	12.20	1.21
3,428.00	1.83	344.60	3,427.18	-4.33	-13.30	13.22	1.82
3,523.00	1.45	320.85	3,522.14	-1.94	-14.46	14.42	0.81
3,617.00	0.72	322.42	3,616.12	-0.55	-15.57	15.56	0.78
3,711.00	0.15	341.67	3,710.12	0.04	-15.97	15.97	0.62
3,805.00	0.94	87.37	3,804.11	0.19	-15.24	15.24	1.05
3,900.00	0.89	101.53	3,899.10	0.08	-13.74	13.73	0.24
3,994.00	0.72	88.31	3,993.09	-0.05	-12.43	12.43	0.27
4,088.00	0.29	120.72	4,087.09	-0.15	-11.63	11.63	0.53
4,183.00	0.65	171.29	4,182.09	-0.81	-11.35	11.33	0.54
4,278.00	0.67	180.00	4,277.08	-1.90	-11.27	11.23	0.11
4,372.00	1.41	181.91	4,371.06	-3.60	-11.30	11.24	0.79
4,466.00	1.29	192.94	4,465.04	-5.79	-11.58	11.48	0.30

HALLIBURTON

Design Report for 13H-13-46 BTR - Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,561.00	1.74	208.25	4,560.00	-8.10	-12.50	12.36	0.63
4,655.00	2.26	209.19	4,653.95	-10.98	-14.08	13.89	0.55
4,749.00	2.28	203.91	4,747.87	-14.31	-15.74	15.49	0.22
4,843.00	1.20	187.30	4,841.83	-16.99	-16.63	16.33	1.26
4,937.00	0.51	174.24	4,935.82	-18.38	-16.71	16.39	0.76
5,032.00	0.38	95.01	5,030.82	-18.83	-16.35	16.03	0.61
5,126.00	0.46	175.73	5,124.81	-19.24	-16.01	15.68	0.58
5,220.00	0.86	188.11	5,218.81	-20.31	-16.08	15.73	0.45
5,315.00	0.85	149.76	5,313.80	-21.63	-15.83	15.46	0.59
5,409.00	1.20	143.04	5,407.78	-23.01	-14.89	14.49	0.39
5,496.00	0.78	163.64	5,494.77	-24.31	-14.17	13.75	0.63
5,527.00	0.75	174.11	5,525.77	-24.71	-14.09	13.67	0.46
5,590.00	4.24	282.13	5,588.71	-24.64	-16.33	15.90	7.19
5,622.00	8.16	287.32	5,620.52	-23.71	-19.65	19.24	12.36
5,653.00	13.73	283.85	5,650.94	-22.17	-25.33	24.95	18.08
5,685.00	17.62	281.09	5,681.75	-20.33	-33.77	33.42	12.37
5,716.00	20.59	279.01	5,711.04	-18.58	-43.76	43.44	9.83
5,748.00	23.33	276.29	5,740.71	-17.00	-55.62	55.32	9.13
5,779.00	26.15	273.51	5,768.86	-15.91	-68.55	68.26	9.84
5,810.00	28.20	272.83	5,796.44	-15.13	-82.68	82.41	6.69
5,842.00	30.18	273.60	5,824.38	-14.25	-98.26	98.00	6.30
5,873.00	32.49	274.49	5,850.85	-13.11	-114.34	114.10	7.60
5,905.00	35.41	275.09	5,877.40	-11.61	-132.15	131.93	9.18
5,936.00	39.07	273.39	5,902.07	-10.24	-150.85	150.65	12.26
5,967.00	42.56	271.35	5,925.53	-9.41	-171.09	170.91	12.05
5,999.00	45.54	268.23	5,948.53	-9.51	-193.33	193.14	11.52
6,030.00	48.50	267.81	5,969.66	-10.30	-216.00	215.79	9.60
6,062.00	51.43	269.71	5,990.24	-10.82	-240.49	240.27	10.22
6,093.00	54.50	271.67	6,008.91	-10.51	-265.23	265.01	11.11
6,125.00	57.36	273.84	6,026.84	-9.23	-291.70	291.50	10.56
6,156.00	60.19	275.03	6,042.91	-7.18	-318.12	317.95	9.70
6,187.00	64.12	276.03	6,057.39	-4.53	-345.40	345.27	12.99
6,219.00	68.03	275.32	6,070.36	-1.64	-374.50	374.42	12.39
6,250.00	72.14	273.63	6,080.92	0.63	-403.55	403.50	14.21
6,281.00	75.78	272.69	6,089.48	2.27	-433.29	433.27	12.10
6,313.00	80.35	271.55	6,096.10	3.42	-464.57	464.56	14.70
6,344.00	84.08	271.02	6,100.30	4.11	-495.27	495.27	12.15
6,376.00	85.97	270.54	6,103.07	4.54	-527.15	527.15	6.09
6,413.00	89.70	270.01	6,104.47	4.72	-564.12	564.11	10.18
6,471.00	95.58	272.42	6,101.80	5.95	-622.01	622.02	10.95
6,519.00	95.35	271.49	6,097.23	7.58	-669.76	669.80	1.99
6,566.00	94.27	270.90	6,093.29	8.55	-716.59	716.63	2.62
6,614.00	94.11	270.95	6,089.78	9.32	-764.45	764.50	0.35
6,661.00	93.70	271.52	6,086.58	10.34	-811.33	811.39	1.49
6,710.00	92.45	271.83	6,083.95	11.77	-860.24	860.32	2.63
6,757.00	90.40	271.45	6,082.78	13.11	-907.20	907.30	4.44
6,805.00	89.97	271.24	6,082.63	14.24	-955.19	955.29	1.00
6,852.00	91.11	271.92	6,082.18	15.53	-1,002.17	1,002.29	2.82
6,900.00	92.39	272.73	6,080.72	17.48	-1,050.11	1,050.25	3.16
6,947.00	91.88	272.10	6,078.97	19.46	-1,097.03	1,097.20	1.72
6,995.00	93.16	272.18	6,076.86	21.25	-1,144.95	1,145.15	2.67

HALLIBURTON

Design Report for 13H-13-46 BTR - Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
7,042.00	94.07	271.99	6,073.89	22.96	-1,191.83	1,192.04	1.98
7,091.00	94.64	271.27	6,070.17	24.34	-1,240.66	1,240.90	1.87
7,138.00	94.88	270.87	6,066.27	25.22	-1,287.49	1,287.74	0.99
7,186.00	93.10	269.41	6,062.93	25.34	-1,335.37	1,335.61	4.79
7,233.00	92.49	268.94	6,060.64	24.66	-1,382.31	1,382.53	1.64
7,281.00	92.12	268.65	6,058.71	23.65	-1,430.26	1,430.46	0.98
7,328.00	92.02	268.38	6,057.01	22.43	-1,477.22	1,477.38	0.61
7,376.00	90.97	267.68	6,055.76	20.78	-1,525.17	1,525.30	2.63
7,423.00	91.81	268.37	6,054.62	19.17	-1,572.13	1,572.23	2.31
7,471.00	93.94	269.90	6,052.21	18.44	-1,620.06	1,620.14	5.46
7,518.00	93.40	269.36	6,049.20	18.14	-1,666.96	1,667.03	1.62
7,567.00	94.47	270.58	6,045.84	18.11	-1,715.84	1,715.90	3.31
7,614.00	94.00	270.83	6,042.37	18.69	-1,762.71	1,762.77	1.13
7,662.00	93.16	271.02	6,039.37	19.46	-1,810.61	1,810.68	1.79
7,709.00	93.87	272.16	6,036.49	20.76	-1,857.50	1,857.59	2.85
7,757.00	94.37	273.33	6,033.04	23.06	-1,905.32	1,905.44	2.64
7,804.00	93.70	272.83	6,029.74	25.58	-1,952.14	1,952.29	1.78
7,852.00	93.43	272.08	6,026.75	27.63	-2,000.00	2,000.18	1.66
7,899.00	93.53	272.08	6,023.90	29.33	-2,046.88	2,047.09	0.21
7,946.00	93.06	271.29	6,021.20	30.71	-2,093.79	2,094.00	1.95
7,993.00	93.76	271.47	6,018.40	31.84	-2,140.69	2,140.92	1.54
8,041.00	93.20	270.89	6,015.49	32.83	-2,188.59	2,188.83	1.68
8,088.00	93.43	270.74	6,012.77	33.49	-2,235.51	2,235.75	0.58
8,136.00	93.02	270.40	6,010.07	33.97	-2,283.43	2,283.67	1.11
8,183.00	92.32	268.84	6,007.88	33.66	-2,330.37	2,330.61	3.63
8,231.00	92.89	269.31	6,005.70	32.88	-2,378.32	2,378.53	1.54
8,326.00	93.81	271.19	6,000.15	33.30	-2,473.15	2,473.36	2.20
8,422.00	93.33	270.30	5,994.17	34.54	-2,568.95	2,569.17	1.05
8,516.00	93.23	269.82	5,988.79	34.64	-2,662.80	2,663.00	0.52
8,611.00	94.43	269.81	5,982.45	34.34	-2,757.58	2,757.77	1.26
8,707.00	94.20	269.68	5,975.22	33.91	-2,853.31	2,853.47	0.28
8,802.00	93.93	270.66	5,968.49	34.19	-2,948.07	2,948.22	1.07
8,849.00	93.83	271.11	5,965.31	34.91	-2,994.96	2,995.11	0.98
8,897.00	91.91	269.99	5,962.90	35.37	-3,042.89	3,043.05	4.63
8,992.00	92.15	272.02	5,959.54	37.04	-3,137.81	3,137.99	2.15
9,087.00	90.84	273.03	5,957.06	41.22	-3,232.68	3,232.92	1.74
9,183.00	92.39	273.50	5,954.35	46.69	-3,328.49	3,328.80	1.69
9,278.00	91.85	272.63	5,950.84	51.76	-3,423.29	3,423.67	1.08
9,373.00	92.89	272.75	5,946.91	56.22	-3,518.10	3,518.54	1.10
9,468.00	94.90	272.67	5,940.46	60.70	-3,612.77	3,613.28	2.12
9,563.00	94.31	270.96	5,932.83	63.70	-3,707.41	3,707.96	1.90
9,631.00	93.86	269.72	5,927.99	64.10	-3,775.23	3,775.78	1.94
Final Sperry MWD Survey							
9,684.00	93.86	269.72	5,924.42	63.84	-3,828.11	3,828.65	0.00
Straight Line Projection							

Design Report for 13H-13-46 BTR - Sperry MWD Survey

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (ft)	Origin +E/-W (ft)	Start TVD (ft)
Target	13H-13-46 BTR_BHL Tgt	270.99	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
133.00	9,684.00	Sperry MWD Surveys	MWD

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
13H-13-46 BTR_Setba	0.00	0.00	0.00	0.00	0.00	655,135.18	2,278,515.68	40° 7' 39.961 N	110° 30' 14.180 W
- actual wellpath hits target center									
- Polygon									
Point 1				20.00	-87.00	655,048.42	2,278,536.64		
Point 2				20.00	1,895.00	657,030.12	2,278,514.57		
Point 3				-3,916.00	1,872.00	656,963.29	2,274,579.42		
Point 4				-3,916.00	-86.00	655,005.59	2,274,601.22		
Point 5				20.00	-87.00	655,048.42	2,278,536.64		
13H-13-46 BTR_SHL	0.00	0.00	0.00	0.00	0.00	655,135.18	2,278,515.68	40° 7' 39.961 N	110° 30' 14.180 W
- actual wellpath hits target center									
- Point									
13H-13-46 BTR_BHL 1	0.00	0.00	5,985.00	64.77	-3,766.56	655,158.00	2,274,748.96	40° 7' 40.598 N	110° 31' 2.669 W
- actual wellpath misses target center by 56.29ft at 9618.29ft MD (5928.85 TVD, 64.14 N, -3762.56 E)									
- Point									
13H-13-46 BTR_Sectic	0.00	0.00	0.00	0.00	0.00	655,135.18	2,278,515.68	40° 7' 39.961 N	110° 30' 14.180 W
- actual wellpath hits target center									
- Polygon									
Point 1				680.00	-747.00	654,395.86	2,279,203.89		
Point 2				680.00	1,895.00	657,037.47	2,279,174.47		
Point 3				-4,576.00	1,872.00	656,955.95	2,273,919.52		
Point 4				-4,576.00	-746.00	654,338.34	2,273,948.67		
Point 5				680.00	-747.00	654,395.86	2,279,203.89		

North Reference Sheet for Sec. 13-T4S-R6W - 13H-13-46 BTR - Plan A Rev 0

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

Vertical Depths are relative to RKB 24' @ 6510.00ft (H&P 319). Northing and Easting are relative to 13H-13-46 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° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991185

Grid Coordinates of Well: 655,135.18 ft N, 2,278,515.68 ft E

Geographical Coordinates of Well: 40° 07' 39.96" N, 110° 30' 14.18" W

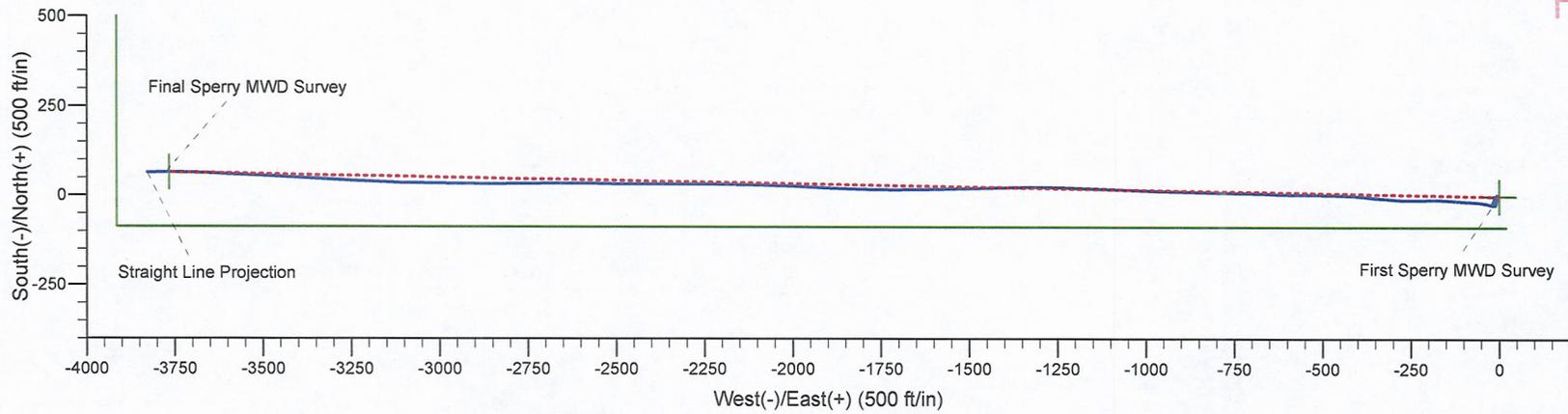
Grid Convergence at Surface is: 0.64°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,684.00ft
the Bottom Hole Displacement is 3,828.65ft in the Direction of 270.96° (True).

Magnetic Convergence at surface is: -10.87° (23 September 2011, , BGGM2011)

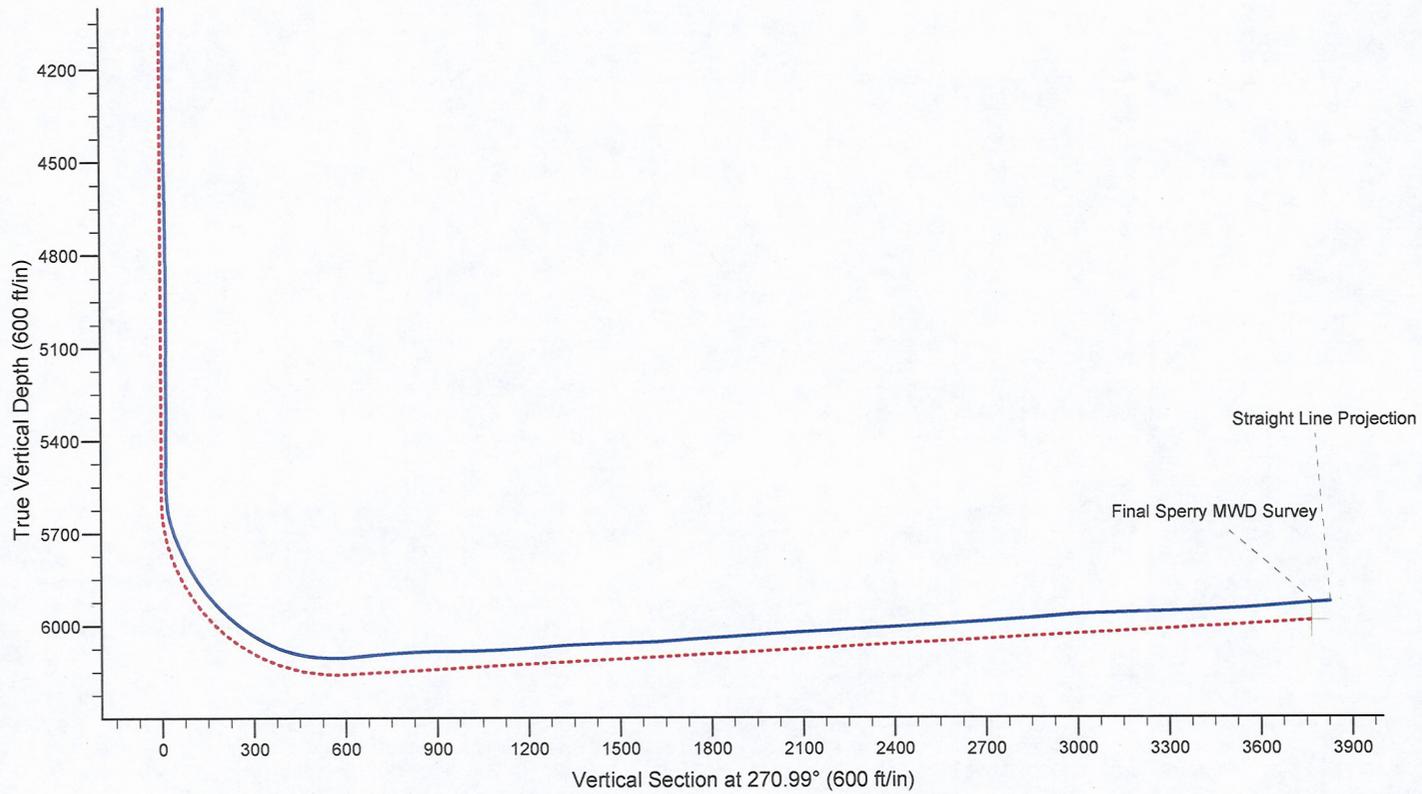
	<p>Magnetic Model: BGGM2011 Date: 23-Sep-11 Declination: 11.51° Inclination/Dip: 65.76° Field Strength: 52172</p>
<p>Grid North is 0.64° East of True North (Grid Convergence) Magnetic North is 11.51° East of True North (Magnetic Declination) Magnetic North is 10.87° East of Grid North (Magnetic Convergence)</p> <p>To convert a True Direction to a Grid Direction, Subtract 0.64° To convert a Magnetic Direction to a True Direction, Add 11.51° East To convert a Magnetic Direction to a Grid Direction, Add 10.87°</p>	

CONFIDENTIAL



LEGEND

- 13H-13-46 BTR, Plan A Rev 0, Sperry MWD Surveys
- - - Plan A Rev 0 Proposal



CONFIDENTIAL

LEGEND

- 13H-13-46 BTR, Plan A Rev 0, Sperry MWD Surveys
- - - Plan A Rev 0 Proposal

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626368
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-13-46 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT 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: 5/31/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" 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 permission to flare tribal lease wells in our Blacktail Ridge development area located in the Starvation area while El Paso upgrades their existing 6-inch pipeline to a 12-inch to handle current gas production rates. Current operating pressures are approximately 100 psi and the upgrade of the existing line will eliminate the current back pressure concerns such as reservoir damage, surface facility safety issues, production curtailment and lower wellbore recoveries. Additional details are attached.

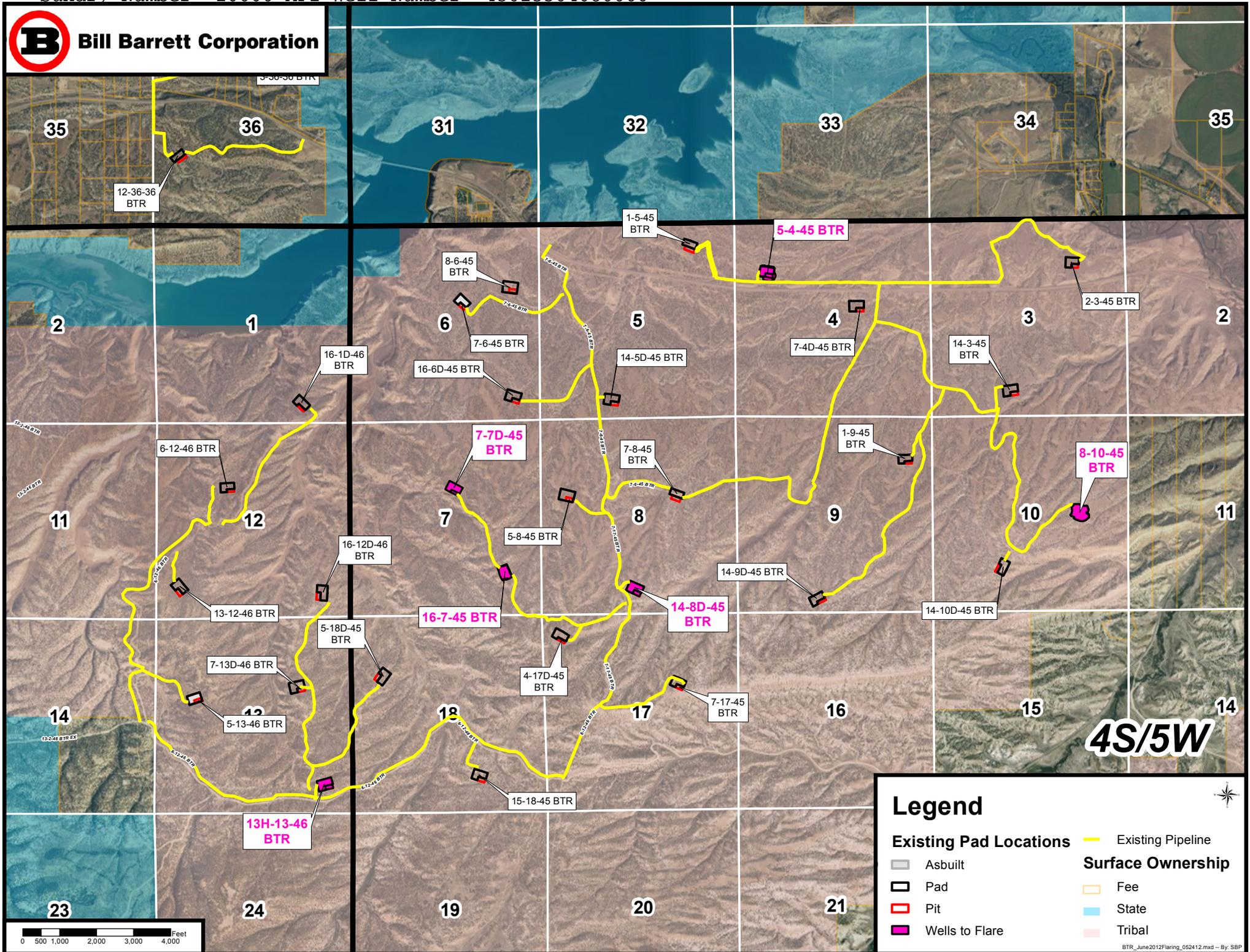
**Accepted by the
 Utah Division of
 Oil, Gas and Mining**

Date: June 14, 2012

By: *Derek Quist*

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 5/29/2012	

The gas will be flared at the six locations shown on the attached map (5-4-45, 7-7D-45, 8-10-45, 13H-13-46, 14-8D-45, or 16-7-45 wellsites). The flares utilized for combusting the gas have a combustion efficiency of approximately 98%. There are no other delivery points besides the bridge crossing at this point; therefore, associated gas from the oil wells will be flared to continue production of tribal minerals. BBC is requesting flare approval from May 31, 2012 to July 31, 2012 to allow for any potential construction delays. BBC would immediately begin flowing to the pipeline at such time construction is complete. Emergency Dispatch will be notified of the flaring operations. The flaring will also be monitored 24 hours a day by BBC personnel. BBC will still be metering the gas at the wellhead to continue royalty payments. BBC has spoken with the tribe and received their acceptance 05/24/2012 and received BLM sundry approval on 5/24/12.



Legend

Existing Pad Locations	Existing Pipeline
Asbuilt	Surface Ownership
Pad	Fee
Pit	State
Wells to Flare	Tribal

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
 Submitted By Glenn Randel Phone Number 970-623-7078
 Well Name/Number #13H-13-46 BTR
 Qtr/Qtr SE/SE Section 13 Township 4S Range 6W
 Lease Serial Number 1420H626368
 API Number 43-013-50468

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

SEP 27 2011

DIV. OF OIL, GAS & MINING

Date/Time 09/26/2011 05:00 AM PM

BOPE

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

Date/Time 09/26/2011 16:00 AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

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RECEIVED

SEP 27 2011

DIV. OF OIL, GAS & MINING

Date/Time 09/26/2011 05:00 AM PM

BOPE

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

Date/Time 09/26/2011 16:00 AM PM

Remarks _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626368
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7. UNIT or CA AGREEMENT NAME:
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1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 13H-13-46 BTR
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2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013504680000
---	----------------------------------

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0747 FSL 0680 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 13 Township: 04.0S Range: 06.0W Meridian: U	COUNTY: DUCHESNE STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/19/2017 <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 5/20/15 due to low production & low commodity prices. On 5/19/16 well will be shut in for 1 year. Current economics do not justify RTP. For this reason BBC is requesting an additional 1 year shut in, before a MIT is required, until 5/19/17. Well currently has 0 psi tubing, 63 psi on 7" casing, 0 psi Braden Head. With minimal to zero Braden Head pressure & 63 psi casing pressure, it is evident that the 7" inter csg has full integrity & all formations are protected. 7" casing is isolated from 2-7/8" tubing with a packer set at 5,313'. TOC on 7" casing is at 2,820 ft. Well is shut in at the wellhead & all surface equipment has been drained/winterized. Well is still on an active lease operator route & is checked frequently for any surface & potential down hole issues. Well would be RTP if economics are justified at higher commodity prices before 5/19/17

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

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

WELL INFORMATION:

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

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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

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To: Rig II, LLC

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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

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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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To: Rig II, LLC

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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

From: Bill Barrett Corporation

To: Rig II, LLC

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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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

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

New Operator Contact information:

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

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

Sincerely,

Bill Barrett Corporation

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

Brady Riley
Permit Analyst

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

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

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

DIV. OIL GAS & MINING
BY: Rachael Medina

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

Request to Transfer Application or Permit to Drill

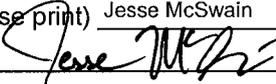
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

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

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

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

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

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

UIC FORM 5

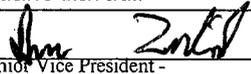
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

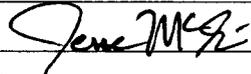
CURRENT OPERATOR

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

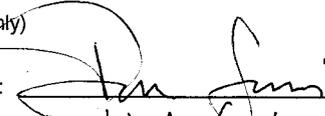
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

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

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

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

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

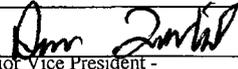
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

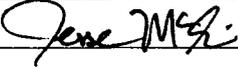
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

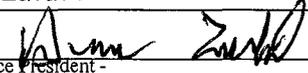
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

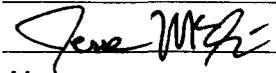
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE	Field or Unit Name CEDAR RIM
QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

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