

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

FORM 3

AMENDED REPORT

| | | | | | | | | | | |
|---|------------------|--------------------|--|----------------|--|---|------------------------------------|-----------------|--------------|---------------|
| APPLICATION FOR PERMIT TO DRILL | | | | | | 1. WELL NAME and NUMBER 5-6D-45 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 type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> | | | | |
| 20. LOCATION OF WELL | | FOOTAGES | | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN | | |
| LOCATION AT SURFACE | | 2650 FNL 284 FWL | | SWNW | 6 | 4.0 S | 5.0 W | U | | |
| Top of Uppermost Producing Zone | | 2268 FNL 491 FWL | | SWNW | 6 | 4.0 S | 5.0 W | U | | |
| At Total Depth | | 1980 FNL 660 FWL | | SWNW | 6 | 4.0 S | 5.0 W | U | | |
| 21. COUNTY DUCHESNE | | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 660 | | | 23. NUMBER OF ACRES IN DRILLING UNIT 160 | | | | |
| | | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2391 | | | 26. PROPOSED DEPTH MD: 9338 TVD: 9243 | | | | |
| 27. ELEVATION - GROUND LEVEL 5941 | | | 28. BOND NUMBER LPM 8874725 | | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City Culinary Water Dock | | | | |
| Hole, Casing, and Cement Information | | | | | | | | | | |
| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
| Cond | 26 | 16 | 0 - 80 | 65.0 | Unknown | 8.8 | Unknown | 0 | 0.0 | 0.0 |
| Surf | 14.75 | 10.75 | 0 - 2800 | 45.5 | J-55 ST&C | 8.8 | Halliburton Light , Type Unknown | 720 | 3.16 | 11.0 |
| | | | | | | | Halliburton Premium , Type Unknown | 360 | 1.36 | 14.8 |
| Prod | 9.875 | 5.5 | 0 - 9338 | 17.0 | P-110 LT&C | 9.7 | Unknown | 920 | 2.31 | 11.0 |
| | | | | | | | Unknown | 1250 | 1.42 | 13.5 |
| 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 checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | | | | | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP | | | | | |
| NAME Tracey Fallang | | | TITLE Regulatory Manager | | | PHONE 303 312-8134 | | | | |
| SIGNATURE | | | DATE 04/19/2011 | | | EMAIL tfallang@billbarrettcorp.com | | | | |
| API NUMBER ASSIGNED 43013506880000 | | | APPROVAL | | |  Permit Manager | | | | |

DRILLING PLAN

BILL BARRETT CORPORATION

5-6D-45 BTR Well Pad

Lot 5 (SWNW), 2650' FNL, 284' FWL, Section 6, T4S, R5W, USB&M (surface hole)

Lot 5 (SWNW), 1980' FNL, 660' FWL, Section 6, T4S, R5W, USB&M (bottom hole)

Duchesne County, Utah

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

| <u>Formation</u> | <u>Depth – MD</u> | <u>Depth – TVD</u> |
|-------------------------|--------------------------|---------------------------|
| Lower Green River* | 4862' | 4808' |
| Douglas Creek | 5771' | 5683' |
| Black Shale | 6628' | 6533' |
| Castle Peak | 6828' | 6733' |
| Uteland Butte | 7144' | 7048' |
| Wasatch* | 7373' | 7278' |
| TD | 9338' | 9243' |

*PROSPECTIVE PAY

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

3. BOP and Pressure Containment Data

| <u>Depth Intervals</u> | <u>BOP Equipment</u> |
|---|---|
| 0 – 2800' | No pressure control required |
| 2800' – TD | 11" 5000# Ram Type BOP 11" 5000# Annular BOP |
| - Drilling spool to accommodate choke and kill lines; | |
| - 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. | |

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> | | | | | |
| 26" | Surface | 80' | 16" | 65# | | | |
| 14 3/4" | Surface | 2800' | 10-3/4" | 45.5# | J or K 55 | BT&C | New |
| 9-7/8" & 8-3/4" | 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). | | | | | | | |

Bill Barrett Corporation
 Drilling Program
 # 5-6D-45 BTR
 Duchesne County, Utah

5. Cementing Program

| <u>Casing</u> | <u>Cement</u> |
|---|---|
| 16" Conductor Casing | Grout |
| 14-3/4" hole for 10-3/4" Surface Casing | <i>Lead</i> with approximately 720 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. <i>Tail</i> 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 8-3/4" at 6000' if minimal hole problems. | <i>Lead</i> with approximately 920 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). <i>Tail</i> with approximately 1250 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Planned TOC 2300'. |
| <p>NOTE: If 7-5/8" casing is necessary, cement with Lead with approximately 700 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft³/sx). Tail with approximately 240 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Planned TOC surface. We will perform a FIT to 10.2 ppg after drilling 20' of new hole.</p> <p>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.</p> | |

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' – 2800' | 8.3 – 8.8 | 26 – 36 | NC | Freshwater Spud Mud Fluid System |
| 2800' – TD | 8.6 – 9.7 | 42-52 | 20 cc or less | DAP Polymer Fluid System |
| <p>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.</p> | | | | |

7. Testing, Logging and Core Programs

| | |
|--|---|
| Cores | None anticipated |
| Testing | None anticipated; drill stem tests may be run on shows of interest; |
| Sampling | 30' to 50' samples; surface casing to TD. Preserve samples all show intervals; |
| Surveys | MWD as needed to land wellbore; |
| Logging | DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion. |
| <p>NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.</p> | |

Bill Barrett Corporation
Drilling Program
5-6D-45 BTR
Duchesne County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4662 psi* and maximum anticipated surface pressure equals approximately 2629 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)

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

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

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

F. Miscellaneous Information:

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

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



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

AS OF: 2/18/2011

Well Name: 5-6D-45 BTR

Surface Hole Data:

| | |
|----------------|---------|
| Total Depth: | 2,800' |
| Top of Cement: | 0' |
| OD of Hole: | 14.750" |
| OD of Casing: | 10.750" |

Calculated Data:

| | | |
|--------------|--------|-----------------|
| Lead Volume: | 2239.2 | ft ³ |
| Lead Fill: | 2,300' | |
| 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: | 720 |
|--------------|-----|

| | | |
|--------------|--------|---------------------|
| Tail Yield: | 1.36 | ft ³ /sk |
| % Excess: | 75% | |
| Top of Tail: | 2,300' | |

| | |
|--------------|-----|
| # SK's Tail: | 360 |
|--------------|-----|

Production Hole Data:

| | |
|----------------|--------|
| Total Depth: | 9,338' |
| Top of Cement: | 2,300' |
| Top of Tail: | 6,128' |
| OD of Hole: | 9.875" |
| OD of Casing: | 5.500" |

Calculated Data:

| | | |
|--------------|--------|-----------------|
| Lead Volume: | 2106.6 | ft ³ |
| Lead Fill: | 3,828' | |
| Tail Volume: | 1766.7 | ft ³ |
| Tail Fill: | 3,210' | |

Cement Data:

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

Calculated # of Sacks:

| | |
|--------------|------|
| # SK's Lead: | 920 |
| # SK's Tail: | 1250 |

| |
|---|
| 5-6D-45 BTR Proposed Cementing Program |
|---|

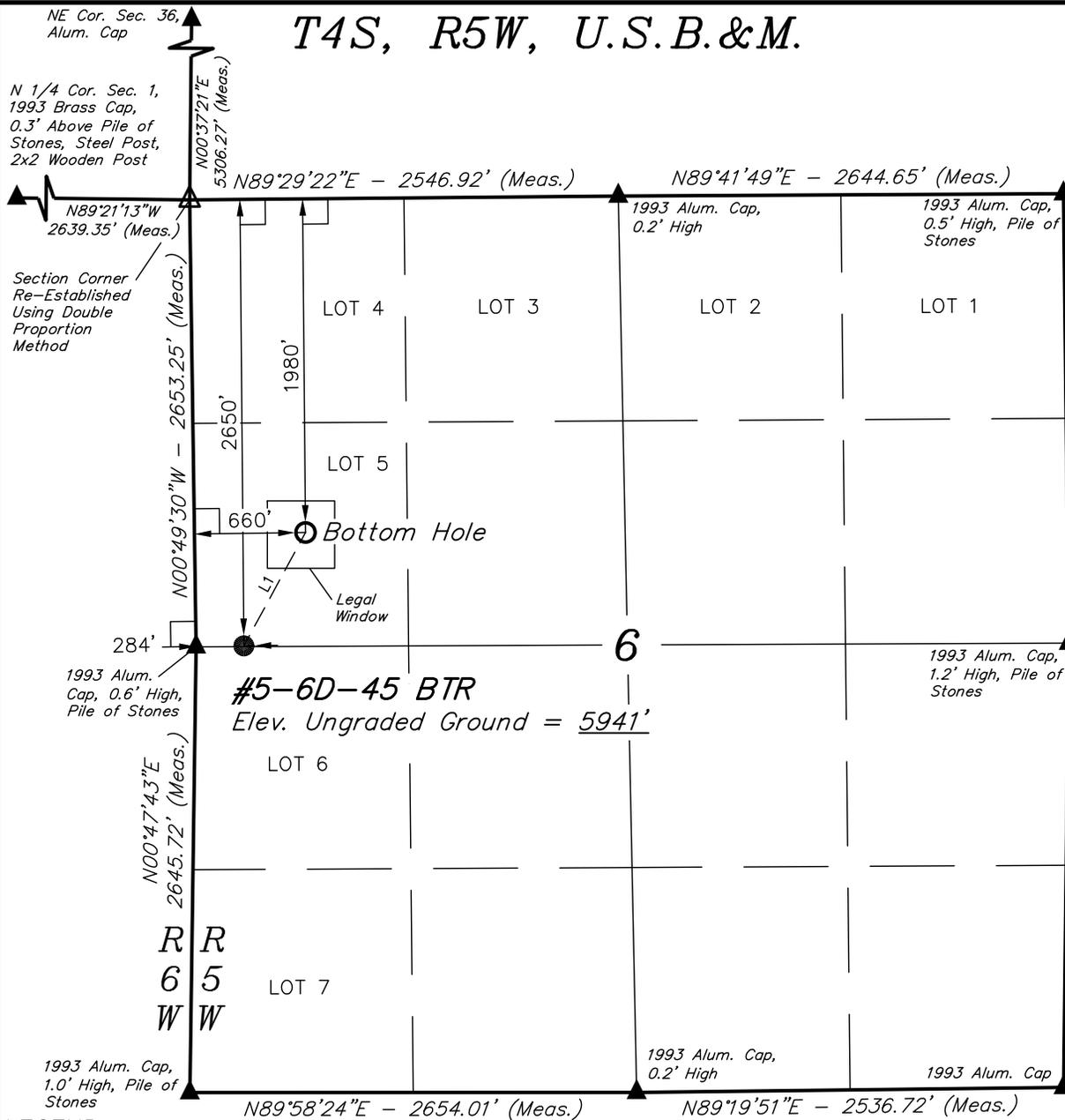
| <u>Job Recommendation</u> | <u>Surface Casing</u> |
|-----------------------------------|--|
| Lead Cement - (2300' - 0') | |
| Halliburton Light Premium | Fluid Weight: 11.0 lbm/gal |
| 5.0 lbm/sk Silicalite Compacted | Slurry Yield: 3.16 ft ³ /sk |
| 0.25 lbm/sk Kwik Seal | Total Mixing Fluid: 19.48 Gal/sk |
| 0.125 lbm/sk Poly-E-Flake | Top of Fluid: 0' |
| 2.0% Bentonite | Calculated Fill: 2,300' |
| | Volume: 398.79 bbl |
| | Proposed Sacks: 720 sks |
| Tail Cement - (TD - 2300') | |
| 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: 2,300' |
| | Calculated Fill: 500' |
| | Volume: 86.69 bbl |
| | Proposed Sacks: 360 sks |

| <u>Job Recommendation</u> | <u>Production Casing</u> |
|--------------------------------------|--|
| Lead Cement - (6128' - 2300') | |
| 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: 2,300' |
| | Calculated Fill: 3,828' |
| | Volume: 375.17 bbl |
| | Proposed Sacks: 920 sks |
| Tail Cement - (9338' - 6128') | |
| 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: 6,128' |
| | Calculated Fill: 3,210' |
| | Volume: 314.63 bbl |
| | Proposed Sacks: 1250 sks |

T4S, R5W, U.S.B.&M.

BILL BARRETT CORPORATION

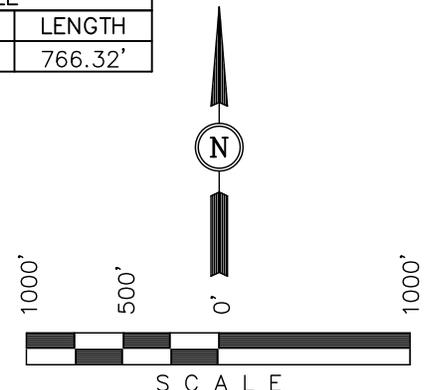
Well location, #5-6D-45 BTR, located as shown in Lot 5 of Section 6, T4S, R5W, U.S.B.&M., Duchesne County, Utah.



BASIS OF ELEVATION

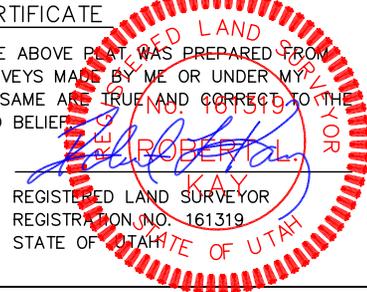
BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

| LINE TABLE | | |
|------------|-------------|---------|
| LINE | DIRECTION | LENGTH |
| L1 | N28°32'07"E | 766.32' |



CERTIFICATE

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



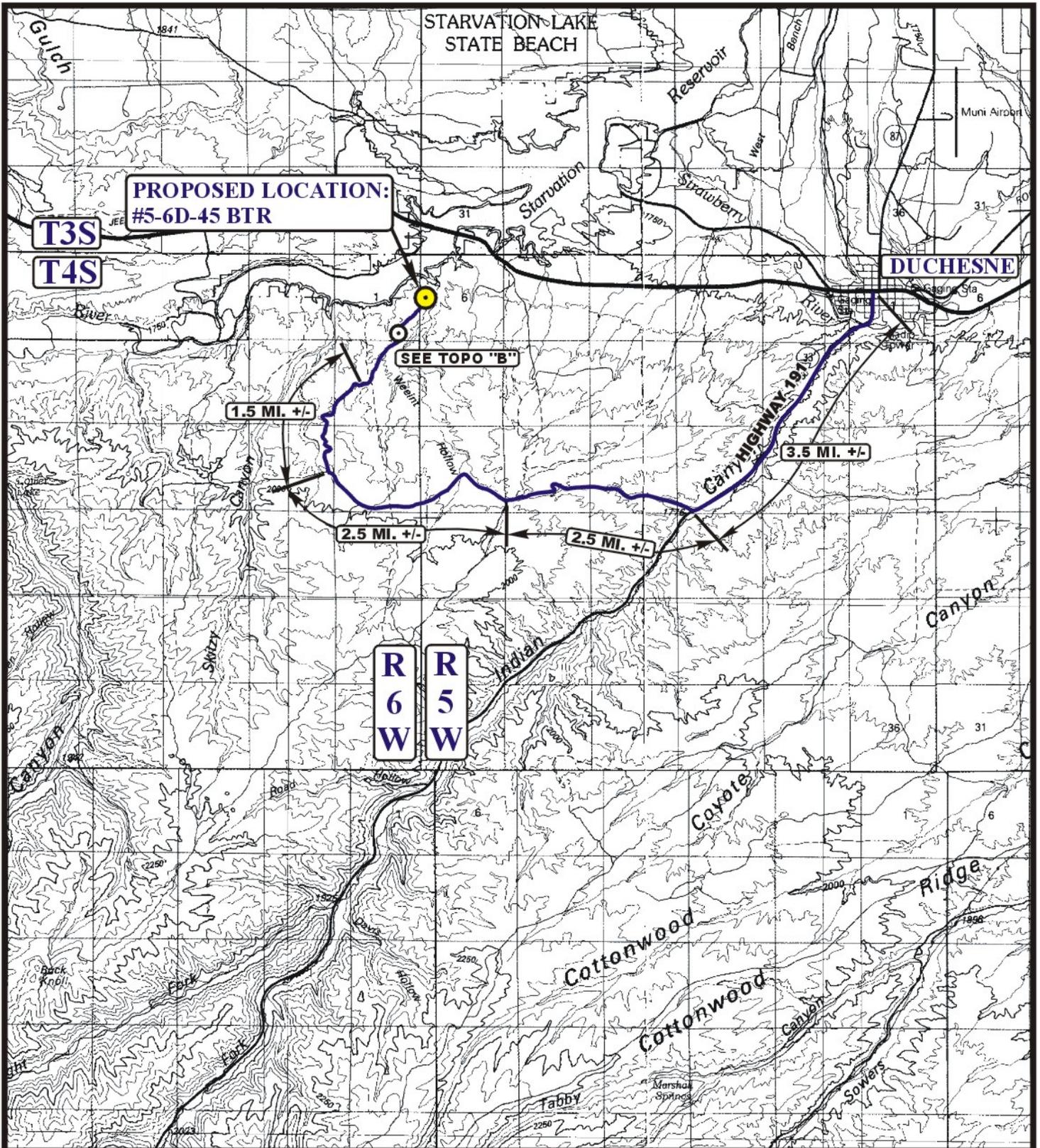
- LEGEND:**
- └─┘ = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.
 - △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

BASIS OF BEARINGS

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

| NAD 83 (TARGET BOTTOM HOLE) | NAD 83 (SURFACE LOCATION) |
|--|--|
| LATITUDE = 40°09'49.62" (40.163783) | LATITUDE = 40°09'42.97" (40.161936) |
| LONGITUDE = 110°29'58.94" (110.499706) | LONGITUDE = 110°30'03.64" (110.501011) |
| NAD 27 (TARGET BOTTOM HOLE) | NAD 27 (SURFACE LOCATION) |
| LATITUDE = 40°09'49.77" (40.163825) | LATITUDE = 40°09'43.12" (40.161978) |
| LONGITUDE = 110°29'56.38" (110.498994) | LONGITUDE = 110°30'01.08" (110.500300) |

| | | |
|---|----------------------------------|-------------------------|
| <p>UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017</p> | | |
| SCALE 1" = 1000' | DATE SURVEYED: 11-01-10 | DATE DRAWN: 12-22-10 |
| PARTY T.A. C.N. S.B. | REFERENCES G.L.O. PLAT | |
| WEATHER COLD | FILE BILL BARRETT CORPORATION | |



LEGEND:

 PROPOSED LOCATION



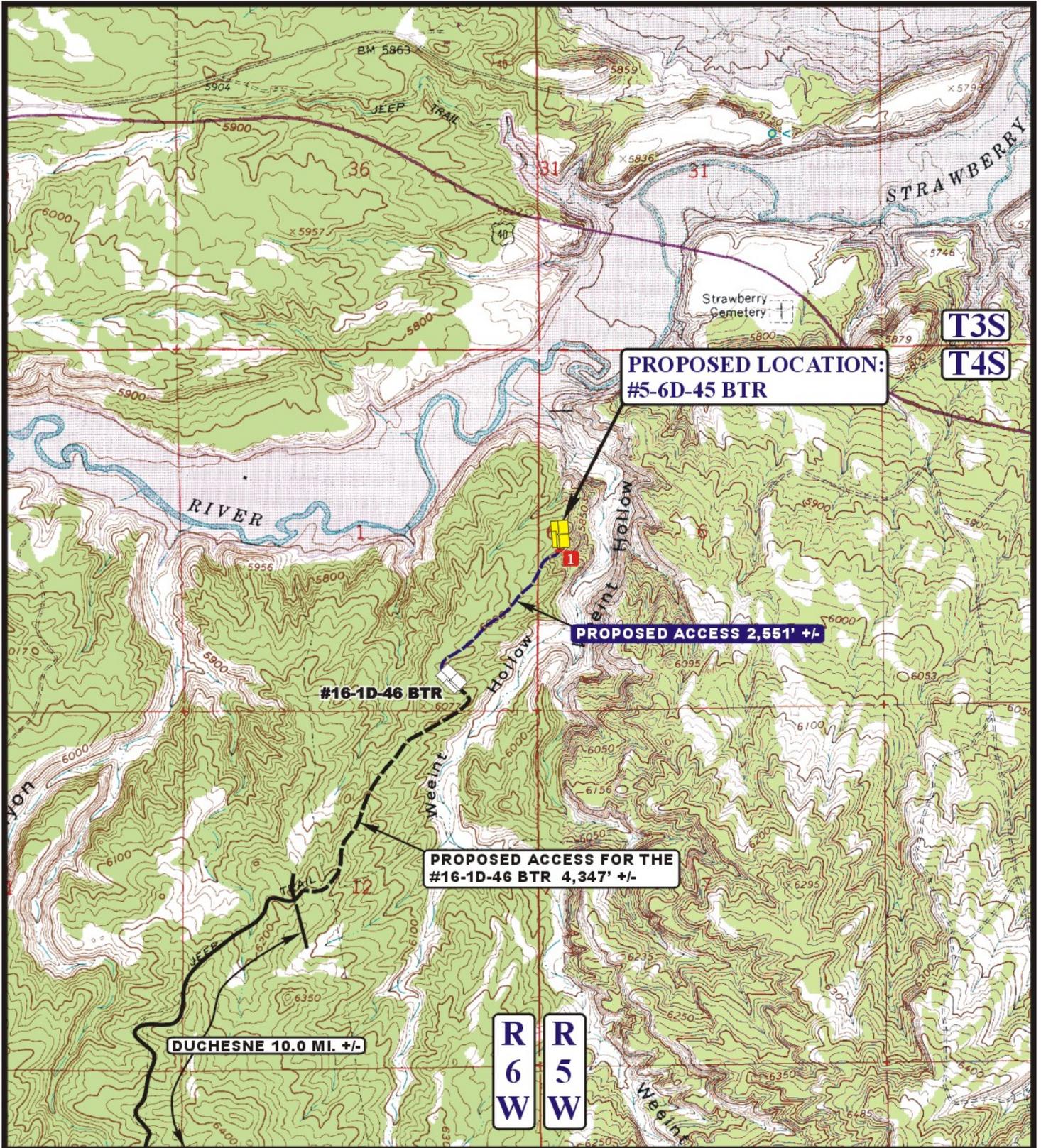
BILL BARRETT CORPORATION

#5-6D-45 BTR
SECTION 6, T4S, R5W, U.S.B.&M.
2650' FNL 284' FWL

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

TOPOGRAPHIC MAP **12 01 10**
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 00-00-00





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  18" CMP REQUIRED



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



BILL BARRETT CORPORATION

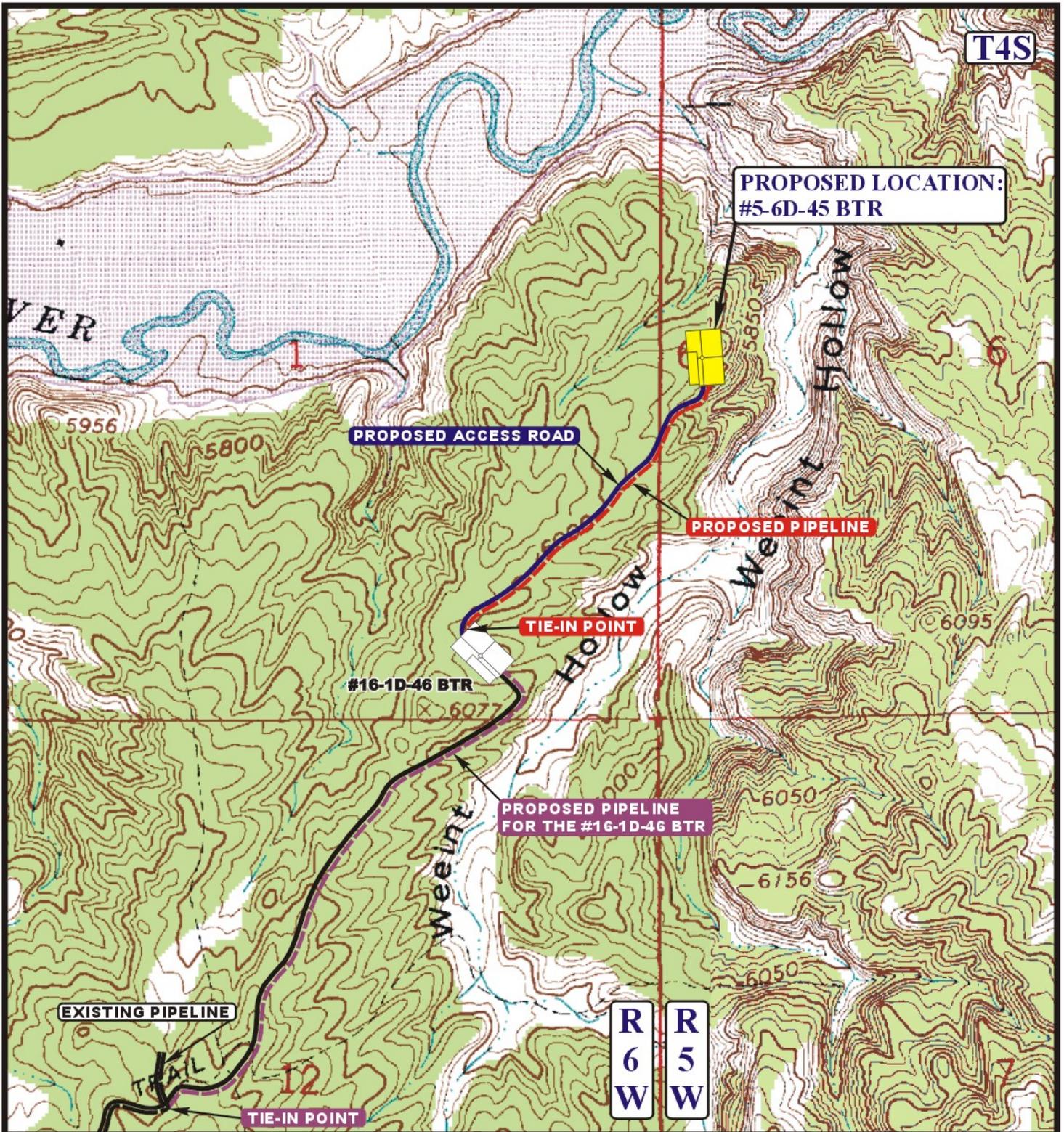
#5-6D-45 BTR
 SECTION 6, T4S, R5W, U.S.B.&M.
 2650' FNL 284' FWL

TOPOGRAPHIC
MAP

12 01 10
 MONTH DAY YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 2,495' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

BILL BARRETT CORPORATION

#5-6D-45 BTR
SECTION 6, T4S, R5W, U.S.B.&M.
2650' FNL 284' FWL

U&L S
 Uintah Engineering & Land Surveying
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TOPOGRAPHIC MAP **12 01 10**
 MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: Z.L. REVISED: 00-00-00



Bill Barrett Corp

Duchesne County, UT (NAD 1927)

Sec. 6-T4S-R5W

5-6D-45 BTR

Plan A Rev 0

Plan: Plan A Rev 0 Proposal

Sperry Drilling Services

Proposal Report

16 February, 2011

Well Coordinates: 667,607.36 N, 2,279,393.88 E (40° 09' 43.12" N, 110° 30' 01.08" W)

Ground Level: 5,933.00 ft

Local Coordinate Origin:

Viewing Datum:

TVDs to System:

North Reference:

Unit System:

Geodetic Scale Factor Applied

Version: 2003.16 Build: 431

Centered on Well 5-6D-45 BTR
RKB 16' @ 5949.00ft (Paterson 506)

N

True

API - US Survey Feet - Custom

HALLIBURTON

Plan Report for 5-6D-45 BTR - Plan A Rev 0 Proposal

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | Toolface Azimuth (°) |
|---------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|----------------------|
| 0.00 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.000 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.000 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.000 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.000 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.000 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 0.00 | 0.000 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 800.00 | 0.00 | 0.000 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 0.00 | 0.000 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 0.00 | 0.000 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 0.00 | 0.000 | 1,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 0.00 | 0.000 | 1,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 0.00 | 0.000 | 1,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 0.00 | 0.000 | 1,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 0.00 | 0.000 | 1,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 0.00 | 0.000 | 1,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 0.00 | 0.000 | 1,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 0.00 | 0.000 | 1,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 0.00 | 0.000 | 1,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 0.00 | 0.000 | 2,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 0.00 | 0.000 | 2,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 0.00 | 0.000 | 2,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 0.00 | 0.000 | 2,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 0.00 | 0.000 | 2,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 0.00 | 0.000 | 2,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 0.00 | 0.000 | 2,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 0.00 | 0.000 | 2,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,748.00 | 0.00 | 0.000 | 2,748.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Green River | | | | | | | | | | |
| 2,800.00 | 0.00 | 0.000 | 2,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 0.00 | 0.000 | 2,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,923.98 | 0.00 | 0.000 | 2,923.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Kickoff at 2923.98ft | | | | | | | | | | |
| 3,000.00 | 1.52 | 28.480 | 2,999.99 | 0.89 | 0.48 | 1.01 | 2.00 | 2.00 | 0.00 | 28.48 |
| 3,100.00 | 3.52 | 28.480 | 3,099.89 | 4.75 | 2.58 | 5.41 | 2.00 | 2.00 | 0.00 | 0.00 |
| 3,200.00 | 5.52 | 28.480 | 3,199.57 | 11.68 | 6.34 | 13.29 | 2.00 | 2.00 | 0.00 | 0.00 |
| 3,300.00 | 7.52 | 28.480 | 3,298.92 | 21.66 | 11.75 | 24.64 | 2.00 | 2.00 | 0.00 | 0.00 |
| 3,350.00 | 8.52 | 28.480 | 3,348.43 | 27.79 | 15.08 | 31.62 | 2.00 | 2.00 | 0.00 | 0.00 |
| Build Rate = 2.00°/100ft | | | | | | | | | | |
| 3,400.00 | 9.52 | 28.480 | 3,397.81 | 34.68 | 18.82 | 39.46 | 2.00 | 2.00 | 0.00 | 0.00 |
| 3,500.00 | 11.52 | 28.480 | 3,496.13 | 50.73 | 27.52 | 57.72 | 2.00 | 2.00 | 0.00 | 0.00 |
| 3,600.00 | 13.52 | 28.480 | 3,593.74 | 69.79 | 37.86 | 79.39 | 2.00 | 2.00 | 0.00 | 0.00 |
| 3,700.00 | 15.52 | 28.480 | 3,690.54 | 91.82 | 49.81 | 104.46 | 2.00 | 2.00 | 0.00 | 0.00 |
| 3,723.98 | 16.00 | 28.480 | 3,713.62 | 97.55 | 52.92 | 110.98 | 2.00 | 2.00 | 0.00 | 0.00 |
| End Build at 3723.98ft | | | | | | | | | | |
| 3,800.00 | 16.00 | 28.480 | 3,786.70 | 115.97 | 62.91 | 131.93 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 16.00 | 28.480 | 3,882.82 | 140.19 | 76.06 | 159.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 16.00 | 28.480 | 3,978.95 | 164.42 | 89.20 | 187.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 16.00 | 28.480 | 4,075.08 | 188.65 | 102.34 | 214.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 16.00 | 28.480 | 4,171.20 | 212.88 | 115.49 | 242.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 16.00 | 28.480 | 4,267.33 | 237.11 | 128.63 | 269.75 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 16.00 | 28.480 | 4,363.45 | 261.33 | 141.78 | 297.31 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 16.00 | 28.480 | 4,459.58 | 285.56 | 154.92 | 324.88 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 16.00 | 28.480 | 4,555.71 | 309.79 | 168.06 | 352.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16.00 Inclination | | | | | | | | | | |
| 4,700.00 | 16.00 | 28.480 | 4,651.83 | 334.02 | 181.21 | 380.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 16.00 | 28.480 | 4,747.96 | 358.25 | 194.35 | 407.57 | 0.00 | 0.00 | 0.00 | 0.00 |

Plan Report for 5-6D-45 BTR - Plan A Rev 0 Proposal

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | Tooface Azimuth (°) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|---------------------|
| 4,862.46 | 16.00 | 28.480 | 4,808.00 | 373.38 | 202.56 | 424.79 | 0.00 | 0.00 | 0.00 | 0.00 |
| TGR3 | | | | | | | | | | |
| 4,900.00 | 16.00 | 28.480 | 4,844.09 | 382.47 | 207.49 | 435.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 16.00 | 28.480 | 4,940.21 | 406.70 | 220.64 | 462.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 16.00 | 28.480 | 5,036.34 | 430.93 | 233.78 | 490.26 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 16.00 | 28.480 | 5,132.46 | 455.16 | 246.93 | 517.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 16.00 | 28.480 | 5,228.59 | 479.39 | 260.07 | 545.39 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 16.00 | 28.480 | 5,324.72 | 503.61 | 273.21 | 572.95 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 16.00 | 28.480 | 5,420.84 | 527.84 | 286.36 | 600.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,561.69 | 16.00 | 28.480 | 5,480.14 | 542.79 | 294.47 | 617.52 | 0.00 | 0.00 | 0.00 | 0.00 |
| Begin Drop at 5561.69ft | | | | | | | | | | |
| 5,600.00 | 15.43 | 28.480 | 5,517.02 | 551.91 | 299.41 | 627.89 | 1.50 | -1.50 | 0.00 | 180.00 |
| 5,700.00 | 13.93 | 28.480 | 5,613.76 | 574.18 | 311.49 | 653.23 | 1.50 | -1.50 | 0.00 | 180.00 |
| 5,771.18 | 12.86 | 28.480 | 5,683.00 | 588.67 | 319.36 | 669.71 | 1.50 | -1.50 | 0.00 | 180.00 |
| Douglas Creek | | | | | | | | | | |
| 5,800.00 | 12.43 | 28.480 | 5,711.12 | 594.21 | 322.36 | 676.02 | 1.50 | -1.50 | 0.00 | -180.00 |
| 5,900.00 | 10.93 | 28.480 | 5,809.05 | 612.00 | 332.01 | 696.26 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,000.00 | 9.43 | 28.480 | 5,907.47 | 627.52 | 340.44 | 713.92 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,100.00 | 7.93 | 28.480 | 6,006.33 | 640.78 | 347.63 | 729.00 | 1.50 | -1.50 | 0.00 | 180.00 |
| Drop Rate = 1.50°/100ft | | | | | | | | | | |
| 6,192.41 | 6.54 | 28.480 | 6,098.00 | 651.01 | 353.18 | 740.64 | 1.50 | -1.50 | 0.00 | -180.00 |
| 3Point Marker | | | | | | | | | | |
| 6,200.00 | 6.43 | 28.480 | 6,105.54 | 651.76 | 353.59 | 741.50 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,300.00 | 4.93 | 28.480 | 6,205.05 | 660.45 | 358.30 | 751.38 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,400.00 | 3.43 | 28.480 | 6,304.78 | 666.85 | 361.77 | 758.66 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,500.00 | 1.93 | 28.480 | 6,404.67 | 670.96 | 364.00 | 763.33 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,600.00 | 0.43 | 28.480 | 6,504.64 | 672.76 | 364.98 | 765.38 | 1.50 | -1.50 | 0.00 | 180.00 |
| 6,628.36 | 0.00 | 0.000 | 6,533.00 | 672.85 | 365.03 | 765.49 | 1.50 | -1.50 | 0.00 | -180.00 |
| End Drop at 6628.36ft - Black Shale - 5-6D-45 BTR Plan A Rev 0 Zone Tgt | | | | | | | | | | |
| 6,700.00 | 0.00 | 0.000 | 6,604.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.000 | 6,704.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6,828.36 | 0.00 | 0.000 | 6,733.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| Castle Peak | | | | | | | | | | |
| 6,900.00 | 0.00 | 0.000 | 6,804.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.000 | 6,904.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 0.00 | 0.000 | 7,004.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,143.36 | 0.00 | 0.000 | 7,048.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| Uteland Butte | | | | | | | | | | |
| 7,200.00 | 0.00 | 0.000 | 7,104.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,203.36 | 0.00 | 0.000 | 7,108.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR1 | | | | | | | | | | |
| 7,300.00 | 0.00 | 0.000 | 7,204.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,373.36 | 0.00 | 0.000 | 7,278.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | | |
| 7,400.00 | 0.00 | 0.000 | 7,304.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 0.00 | 0.000 | 7,404.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,503.36 | 0.00 | 0.000 | 7,408.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR2 | | | | | | | | | | |
| 7,600.00 | 0.00 | 0.000 | 7,504.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 0.00 | 0.000 | 7,604.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,768.36 | 0.00 | 0.000 | 7,673.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR3 | | | | | | | | | | |
| 7,800.00 | 0.00 | 0.000 | 7,704.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 0.00 | 0.000 | 7,804.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 0.00 | 0.000 | 7,904.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,083.36 | 0.00 | 0.000 | 7,988.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR4 | | | | | | | | | | |
| 8,100.00 | 0.00 | 0.000 | 8,004.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |



Plan Report for 5-6D-45 BTR - Plan A Rev 0 Proposal

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | Tooface Azimuth (°) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|---------------------|
| 8,200.00 | 0.00 | 0.000 | 8,104.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 0.00 | 0.000 | 8,204.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,303.36 | 0.00 | 0.000 | 8,208.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR4A | | | | | | | | | | |
| 8,400.00 | 0.00 | 0.000 | 8,304.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,403.36 | 0.00 | 0.000 | 8,308.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR5 | | | | | | | | | | |
| 8,500.00 | 0.00 | 0.000 | 8,404.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,593.36 | 0.00 | 0.000 | 8,498.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR6 | | | | | | | | | | |
| 8,600.00 | 0.00 | 0.000 | 8,504.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 0.00 | 0.000 | 8,604.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 0.00 | 0.000 | 8,704.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8,838.36 | 0.00 | 0.000 | 8,743.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| CR7 | | | | | | | | | | |
| 8,900.00 | 0.00 | 0.000 | 8,804.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 0.00 | 0.000 | 8,904.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 0.00 | 0.000 | 9,004.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 0.00 | 0.000 | 9,104.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 0.00 | 0.000 | 9,204.64 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9,338.36 | 0.00 | 0.000 | 9,243.00 | 672.85 | 365.03 | 765.49 | 0.00 | 0.00 | 0.00 | 0.00 |

5-6D-45 BTR Plan A Rev 0 BH Tgt

Plan Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|--------------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 2,923.98 | 2,923.98 | 0.00 | 0.00 | Kickoff at 2923.98ft |
| 3,350.00 | 3,348.43 | 27.79 | 15.08 | Build Rate = 2.00°/100ft |
| 3,723.98 | 3,713.62 | 97.55 | 52.92 | End Build at 3723.98ft |
| 4,600.00 | 4,555.71 | 309.79 | 168.06 | 16.00 Inclination |
| 5,561.69 | 5,480.14 | 542.79 | 294.47 | Begin Drop at 5561.69ft |
| 6,100.00 | 6,006.33 | 640.78 | 347.63 | Drop Rate = 1.50°/100ft |
| 6,628.36 | 6,533.00 | 672.85 | 365.03 | End Drop at 6628.36ft |
| 9,338.36 | 9,243.00 | 672.85 | 365.03 | Total Depth = 9338.36ft |

Vertical Section Information

| Angle Type | Target | Azimuth (°) | Origin Type | Origin | | Start TVD (ft) |
|------------|---------------------------------|-------------|-------------|------------|------------|----------------|
| | | | | +N/_S (ft) | +E/-W (ft) | |
| Target | 5-6D-45 BTR Plan A Rev 0 BH Tgt | 28.480 | Slot | 0.00 | 0.00 | 0.00 |

Survey tool program

| From (ft) | To (ft) | Survey/Plan | Survey Tool |
|-----------|----------|-----------------------|-------------|
| 0.00 | 9,338.36 | Plan A Rev 0 Proposal | MWD |

Plan Report for 5-6D-45 BTR - Plan A Rev 0 Proposal**Formation Details**

| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|---------------------------|---------------------------|---------------|-----------|------------|-------------------------|
| 2,748.00 | 2,748.00 | Green River | | 0.00 | |
| 4,862.46 | 4,808.00 | TGR3 | | 0.00 | |
| 5,771.18 | 5,683.00 | Douglas Creek | | 0.00 | |
| 6,192.41 | 6,098.00 | 3Point Marker | | 0.00 | |
| 6,628.36 | 6,533.00 | Black Shale | | 0.00 | |
| 6,828.36 | 6,733.00 | Castle Peak | | 0.00 | |
| 7,143.36 | 7,048.00 | Uteland Butte | | 0.00 | |
| 7,203.36 | 7,108.00 | CR1 | | 0.00 | |
| 7,373.36 | 7,278.00 | Wasatch | | 0.00 | |
| 7,503.36 | 7,408.00 | CR2 | | 0.00 | |
| 7,768.36 | 7,673.00 | CR3 | | 0.00 | |
| 8,083.36 | 7,988.00 | CR4 | | 0.00 | |
| 8,303.36 | 8,208.00 | CR4A | | 0.00 | |
| 8,403.36 | 8,308.00 | CR5 | | 0.00 | |
| 8,593.36 | 8,498.00 | CR6 | | 0.00 | |
| 8,838.36 | 8,743.00 | CR7 | | 0.00 | |

Targets associated with this wellbore

| Target Name | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Shape |
|-----------------------------------|-------------|---------------|---------------|--------|
| 5-6D-45 BTR Plan A Rev 0 Zone Tgt | 6,533.00 | 672.85 | 365.03 | Circle |
| 5-6D-45 BTR Plan A Rev 0 BH Tgt | 9,243.00 | 672.85 | 365.03 | Point |

North Reference Sheet for Sec. 6-T4S-R5W - 5-6D-45 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 16' @ 5949.00ft (Paterson 506). Northing and Easting are relative to 5-6D-45 BTR

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

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is -111.50°, Longitude Origin:0.000000°, Latitude Origin:40.650000°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991507

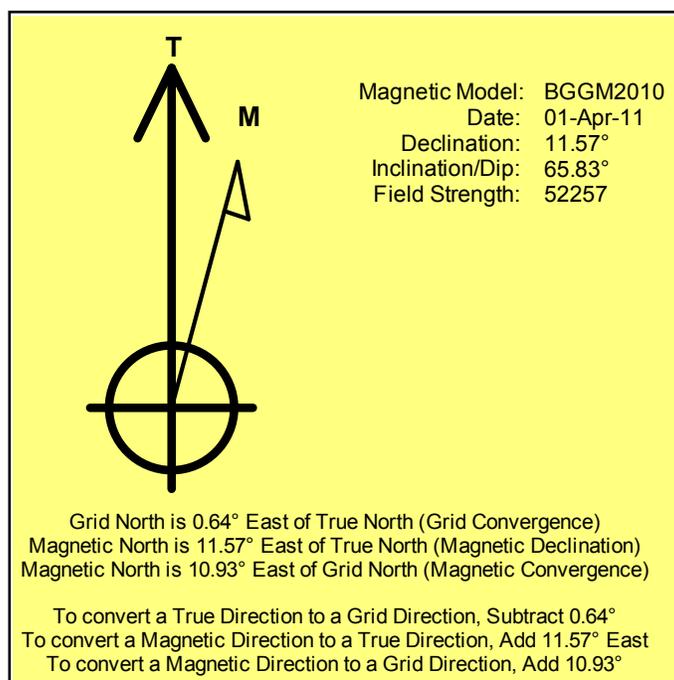
Grid Coordinates of Well: 667,607.36 ft N, 2,279,393.88 ft E

Geographical Coordinates of Well: 40° 09' 43.12" N, 110° 30' 01.08" W

Grid Convergence at Surface is: 0.64°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,338.36ft
the Bottom Hole Displacement is 765.49ft in the Direction of 28.48° (True).

Magnetic Convergence at surface is: -10.93° (1 April 2011, , BGGM2010)



Project: Duchesne County, UT (NAD 1927)
 Site: Sec. 6-T4S-R5W
 Well: 5-6D-45 BTR
 Wellbore: Plan A Rev 0
 Plan: Plan A Rev 0 Proposal

Bill Barrett Corp



SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N-/S | +E-/W | DLeg | TFace | VSec |
|-----|---------|-------|--------|---------|--------|--------|------|--------|--------|
| 1 | 0.00 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 2923.98 | 0.00 | 0.000 | 2923.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 3723.98 | 16.00 | 28.480 | 3713.62 | 97.55 | 52.92 | 2.00 | 28.48 | 110.98 |
| 4 | 5561.69 | 16.00 | 28.480 | 5480.14 | 542.79 | 294.47 | 0.00 | 0.00 | 617.52 |
| 5 | 6628.36 | 0.00 | 0.000 | 6533.00 | 672.85 | 365.03 | 1.50 | 180.00 | 765.49 |
| 6 | 9338.36 | 0.00 | 0.000 | 9243.00 | 672.85 | 365.03 | 0.00 | 0.00 | 765.49 |

5-6D-45 BTR Plan A Rev 0 Zone Tgt
 5-6D-45 BTR Plan A Rev 0 BH Tgt

WELL DETAILS: 5-6D-45 BTR

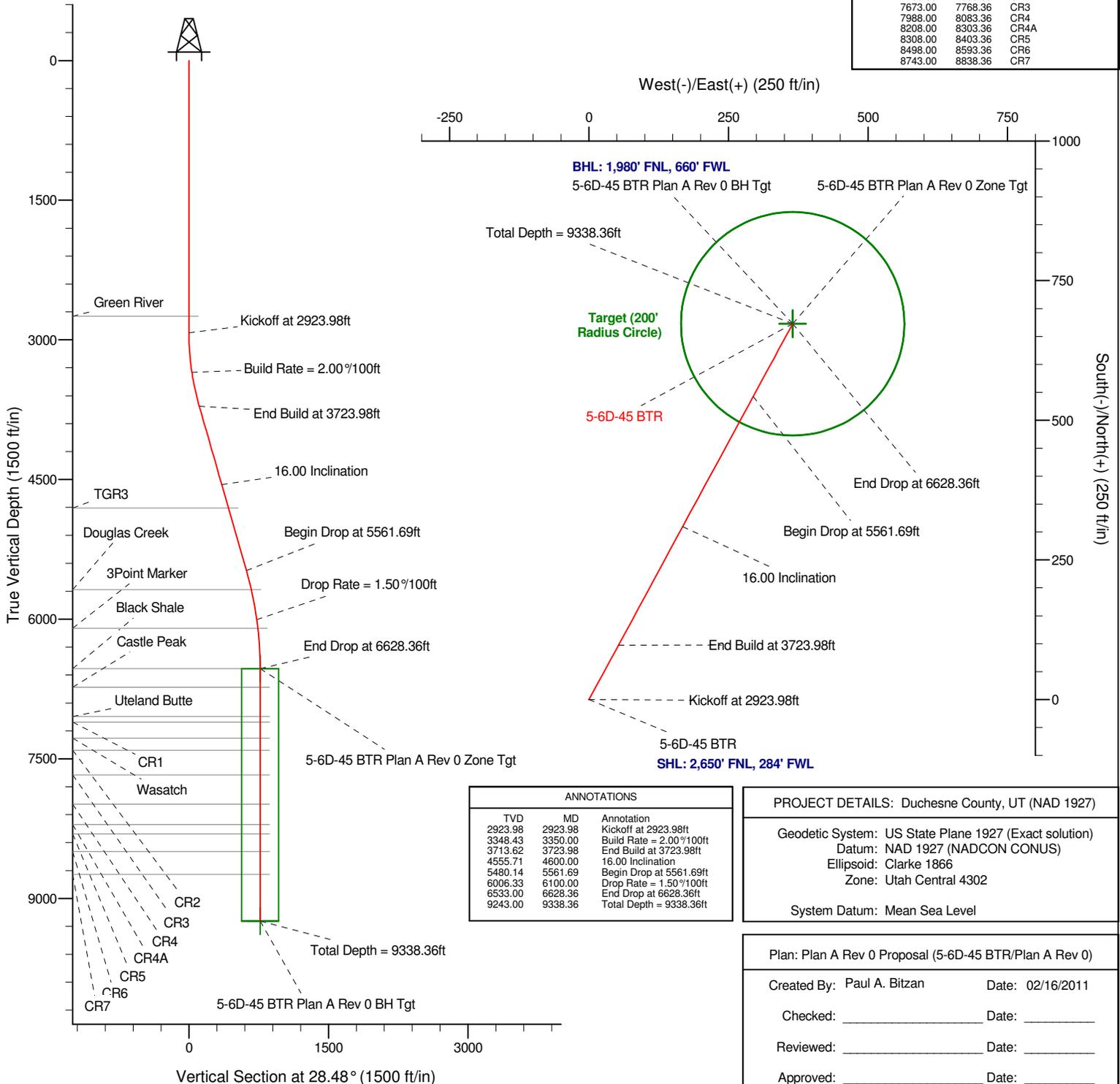
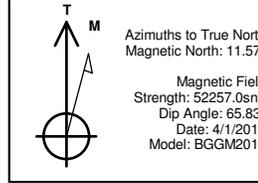
| | |
|---------------|-------------|
| Ground Level: | 5933.00 |
| Northing | 667607.36 |
| Easting | 2279393.88 |
| Latitude | 40.161978 |
| Longitude | -110.500300 |

WELLBORE TARGET DETAILS

| Name | TVD | +N-/S | +E-/W | Shape |
|-----------------------------------|---------|--------|--------|-------------------------|
| 5-6D-45 BTR Plan A Rev 0 Zone Tgt | 6533.00 | 672.85 | 365.03 | Circle (Radius: 200.00) |
| 5-6D-45 BTR Plan A Rev 0 BH Tgt | 9243.00 | 672.85 | 365.03 | |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|---------------|
| 2748.00 | 2748.00 | Green River |
| 4808.00 | 4862.46 | TGR3 |
| 5683.00 | 5771.18 | Douglas Creek |
| 6098.00 | 6192.41 | 3Point Marker |
| 6533.00 | 6628.36 | Black Shale |
| 6733.00 | 6828.36 | Castle Peak |
| 7048.00 | 7143.36 | Uteland Butte |
| 7108.00 | 7203.36 | CR1 |
| 7278.00 | 7373.36 | Wasatch |
| 7408.00 | 7503.36 | CR2 |
| 7673.00 | 7768.36 | CR3 |
| 7988.00 | 8083.36 | CR4 |
| 8208.00 | 8303.36 | CR4A |
| 8308.00 | 8403.36 | CR5 |
| 8498.00 | 8593.36 | CR6 |
| 8743.00 | 8838.36 | CR7 |



ANNOTATIONS

| TVD | MD | Annotation |
|---------|---------|--------------------------|
| 2923.98 | 2923.98 | Kickoff at 2923.98ft |
| 3348.43 | 3350.00 | Build Rate = 2.00%/100ft |
| 3713.62 | 3723.98 | End Build at 3723.98ft |
| 4555.71 | 4600.00 | 16.00 Inclination |
| 5480.14 | 5561.69 | Begin Drop at 5561.69ft |
| 6006.33 | 6100.00 | Drop Rate = 1.50%/100ft |
| 6533.00 | 6628.36 | End Drop at 6628.36ft |
| 9243.00 | 9338.36 | Total Depth = 9338.36ft |

PROJECT DETAILS: Duchesne County, UT (NAD 1927)

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: Utah Central 4302
 System Datum: Mean Sea Level

Plan: Plan A Rev 0 Proposal (5-6D-45 BTR/Plan A Rev 0)

Created By: Paul A. Bitzan Date: 02/16/2011
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____

SURFACE USE PLAN

BILL BARRETT CORPORATION

5-6D-45 BTR Well Pad

Lot 5 (SWNW), 2650' FNL, 284' FWL, Section 6, T4S, R5W, USB&M (surface hole)

Lot 5 (SWNW), 1980' FNL, 660' FWL, Section 6, T4S, R5W, USB&M (bottom hole)

Duchesne County, Utah

The project is located entirely on Ute Tribe surface and mineral.

The onsite and surface use with the Ute Indian Tribe was completed on April 4, 2011 and specific mitigation is as follows:

- 1) **Low-water crossing preferred as road enters pad but may require a culvert due to large fill**

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

1. **Existing Roads:**

- a. The proposed well site is located approximately 11.3 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 State Highway 191 would be utilized from Duchesne for 3.5 miles to the existing BBC maintained Skitzzy Road that would be utilized for 5 miles to the existing access for the 6-12-46 BTR. The access for the proposed 16-1D-46 BTR would be utilized to access this location.
- c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- e. The use of roads under State and Duchesne County Road Department maintenance are necessary to access the project area with no improvements proposed. No encroachment or pipeline crossing permit are required
- f. All existing roads would be maintained and kept in good repair during all phases of operation.

Bill Barrett Corporation
Surface Use Plan
5-6D-45 BTR
Duchesne County, UT

2. Planned Access Road:

- a. Approximately 2,551 feet of new access road trending northeast is planned from the proposed 16-1D-46 BTR access road. The 16-1D-46 BTR access is being applied for under a separate application and continues an additional 4,347 feet to the existing 6-12-46 BTR well site access road (see Topographic Map B).
- b. The planned access road would be constructed to a 30-foot ROW width with an 18-foot travel surface. See section 12.d. below for disturbance estimates.
- c. New road construction and improvements of existing roads would typically require the use of motor graders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and 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.
- i. One 18 inch culvert or low-water crossing as the road enters the pad is anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.

Bill Barrett Corporation
Surface Use Plan
5-6D-45 BTR
Duchesne County, UT

- 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 one
 - vii. abandoned wells one

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, (3) 500 bbl oil tanks, (1) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, a pumping unit or Roto-flex unit or gas lift unit with a natural gas fired motor, solar panels, solar chemical and methanol pumps and one trace pump. See attached proposed facility diagram.
- b. Most wells would be fitted with a pump jack or Roto-flex unit or gas lift 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 or Roto-flex units would be small (75 horsepower or less), natural gas-fired internal combustion engines. If a gas lift is installed, it would be set on a 10 ft x 15 ft pad and the prime mover would be a natural gas-fired internal combustion engine rated at 200 horsepower or less or an electric compressor of similar horsepower powered by a generator.
- 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

Bill Barrett Corporation
Surface Use Plan
5-6D-45 BTR
Duchesne County, UT

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 2,495 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 trending southwest to the proposed 16-1D-46 BTR pipeline corridor. The 16-1D-46 BTR pipeline corridor is being applied for with a separate application and continues 4,347' to the existing pipeline corridor for the 6-12-46 BTR. Pipelines would be constructed of steel, polyethylene or fiberglass and would connect to the proposed pipeline servicing nearby BBC wells. The pipeline crosses entirely Ute Tribe surface.
- g. The new segment of gas pipeline would be surface laid within a 30 foot wide pipeline corridor adjacent to the proposed access road. See 12.d below for disturbance estimates.
- h. Construction of the ROW would temporarily utilize the 30 foot disturbed width for the road for a total disturbed width of 60 foot for the road and pipeline corridors. The use of the proposed well site and access roads would facilitate the staging of the pipeline construction.
- i. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- j. All permanent above-ground structures would be painted a flat, non-reflective color, such as Yuma 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.

Bill Barrett Corporation
 Surface Use Plan
 5-6D-45 BTR
 Duchesne County, UT

1. 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 any of the following locations:

| Water Right No. and Application or Change No. | Applicant | Allocation | Date | Point of Diversion | Source |
|---|--------------------------------------|-----------------------------|-----------|----------------------|-------------------|
| 43-180 | Duchesne City Water Service District | 5 cfs | 8/13/2004 | Knight Diversion Dam | Duchesne River |
| 43-1202, Change a13837 | Myton City | 5.49 cfr and 3967 acre feet | 3/21/1986 | Knight Diversion Dam | Duchesne River |
| 43-10444, Appln A57477 | Duchesne County Upper Country Water | 2 cfs | 1994 | Ditch at Source | Cow Canyon Spring |
| 43-10446, Appln F57432 | Duchesne County Upper Country Water | 1.58 cfs | 1994 | Ditch at Source | Cow Canyon Spring |
| 43-1273, Appln A17462 | J.J.N.P. Company | 7 cfs | 1946 | Strawberry River | Strawberry River |
| 43-1273, Appln t36590 | J.J.N.P. Company | 4 cfs | 6/03/2010 | Strawberry River | Strawberry River |

- b. No new water well is proposed with this application.
- c. Should additional water sources be pursued they would be properly permitted through the State of Utah – Division of Water Rights.
- d. Water use would vary in accordance with the formations to be drilled but would be up to approximately 5.41 acre feet for drilling and completion operations.

6. Source of Construction Material:

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

Bill Barrett Corporation
 Surface Use Plan
 5-6D-45 BTR
 Duchesne County, UT

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:

| Disposal Facilities |
|---|
| 1. RNI Industries, Inc. – Pleasant Valley Disposal Pits, Sec. 25, 26, 35 & 36, T4S-R3W |
| 2. Pro Water LLC – Blue Bench 13-1 Disposal Well (43-013-30971) NENE, Sec. 13, T3S-R5W |
| 3. RN Industries, Inc. – Bluebell Disposal Ponds, Sec. 2, 4 & 9, T2S-R2W |
| 4. Water Disposal, Inc. – Harmston 1-32-A1 Disposal Well (43-013-30224), UTR #00707, Sec. 32, T1S-R1W |
| 5. Unified Water Pits – Sec. 31, T2S-R4W |
| 6. Iowa Tank Line Pits – 8500 BLM Fence Road, Pleasant Valley |

- g. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- h. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.

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- 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.
- l. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- m. Hydrocarbons would be removed from the reserve pit would as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

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8. Ancillary Facilities:

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

9. Well Site Layout:

- a. The well would be properly identified in accordance with 43 CFR 3162.6.
- b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1 and 2).
- c. The pad and road designs are consistent with industry specifications.
- d. The pad has been staked at its maximum size of 400 feet x 255 feet with an inboard reserve pit size of 70 feet x 235 feet x 8 feet deep. See section 12.d below for disturbance estimates.
- e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- i. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- j. Water application may be implemented if necessary to minimize the amount of fugitive dust.

Bill Barrett Corporation
Surface Use Plan
5-6D-45 BTR
Duchesne County, UT

- k. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Restoration of the Surface:

- a. A site specific reclamation plan will be submitted within 90 days of location construction.
- b. Site reclamation would be accomplished for portions of the well pad not required for the continued operation of the well on this pad within six months of completion, weather permitting.
- c. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal, according to the Utah Noxious Weed Act and as set forth in the approved surface damage agreements.
- d. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit would be allowed to dry prior to the commencement of backfilling work. No attempts would be made to backfill the reserve pit until it is free of standing water. Once dry, the liner would be torn and perforated before backfilling.
- e. The reserve pit and that portion of the location not needed for production facilities/operations would be recontoured to the approximate natural contours. Areas not used for production purposes would be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes would be reduced as practical and scarified with the contour. The reserved topsoil would be evenly distributed over the slopes and scarified along the contour. Slopes would be seeded with the Ute Tribe specified seed mix.
- f. Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the 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 ownership – Ute Indian Tribe - 988 South 7500 East; Ft. Duchesne, Utah 84026; 435-725-4982.

Bill Barrett Corporation
Surface Use Plan
5-6D-45 BTR
Duchesne County, UT

- b. Mineral ownership – Ute Indian Tribe - 988 South 7500 East; Ft. Duchesne, Utah 84026; 435-725-4982.

12. Other Information:

- a. Montgomery Archeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as report 10-270 dated 1-17-2011.
- b. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs or firearms within the Project Area.
 - No littering within the Project Area.
 - Smoking within the Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders.
 - Campfires or uncontained fires of any kind would be prohibited.
 - Portable generators used in the Project Area would have spark arrestors.
- d. Disturbance estimates:

Approximate Acreage Disturbances

| | | | |
|----------|------------|-------|-------|
| Well Pad | | 3.151 | acres |
| Access | 2,551 feet | 1.757 | acres |
| Pipeline | 2,495 feet | 1.718 | acres |

Total 6.626 acres

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 14 day of April 2011
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Position Title: Regulatory Manager
Address: 1099 18th Street, Suite 2300, Denver, CO 80202
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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

Tracey Fallang, Reg Manager
Tracey Fallang, Regulatory Manager

CULTURAL RESOURCE INVENTORY OF
BILL BARRETT CORPORATION'S PROPOSED
WELL LOCATIONS: #5-6D-45 BTR, #7-7-45 BTR,
#14-9D-45 BTR, #14-10D-45 BTR, AND #16-1D-46 BTR
(T4S, R5W, SEC. 6, 7, 9, AND 10; T4S, R6W, SEC. 1),
DUCHESNE COUNTY, UTAH

By:

Andrea Van Schmus

Prepared For:

Ute Indian Tribe
Uintah and Ouray Agency

Prepared Under Contract With:

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

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 10-270

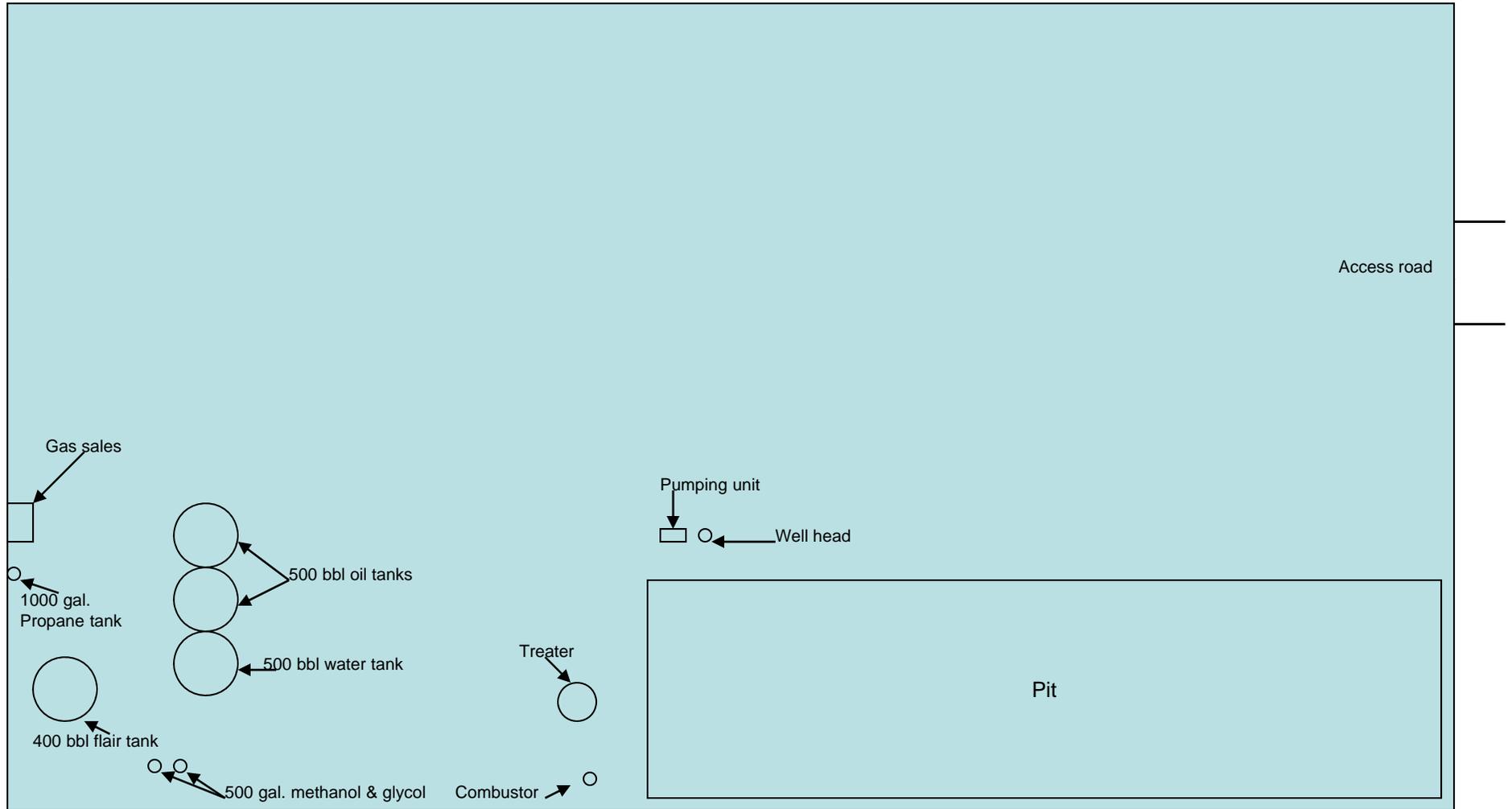
January 17, 2011

United States Department of Interior (FLPMA)
Permit No. 10-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-11-MQ-0018i

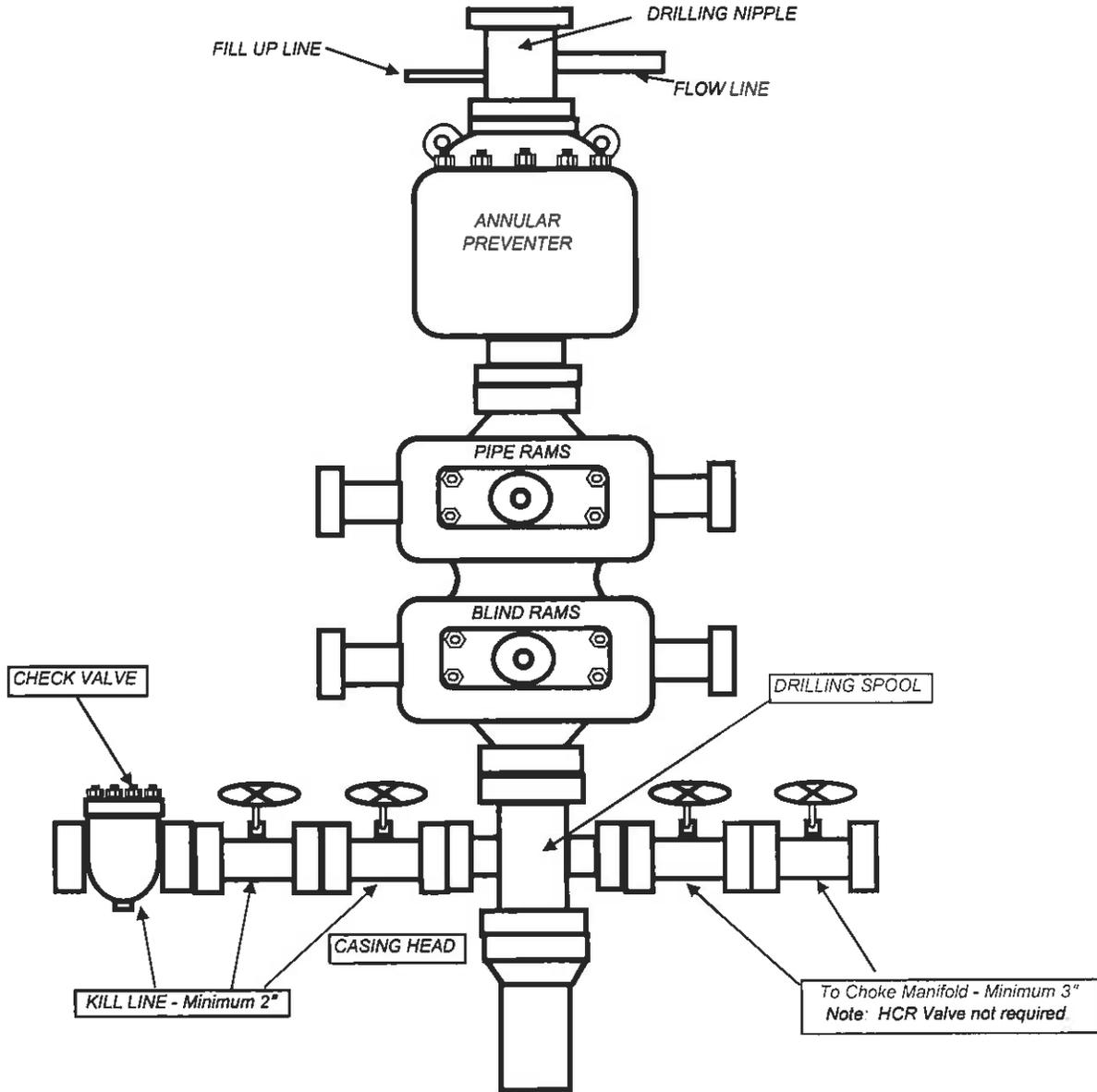
Ute Tribal Permit No. A011-363

5-6D-45 BTR Facility Diagram



BILL BARRETT CORPORATION

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





April 19, 2011

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

Re: Directional Drilling R649-3-11
Blacktail Ridge Area #5-6D-45 BTR Well
Surface: 2,650' FNL & 284' FWL, SWNW, Lot 5, 6-T4S-R5W, USM
Bottom Hole: 1,980' FNL & 660' FWL, SWNW, Lot 5, 6-T4S-R5W, USM
Duchesne County, Utah

Dear Ms. Mason,

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

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

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

Sincerely,

A handwritten signature in blue ink that reads 'David Watts by TLF'. The signature is written in a cursive style.

David Watts
Landman

1099 18TH STREET
SUITE 2300
DENVER, CO 80202

BILL BARRETT CORPORATION

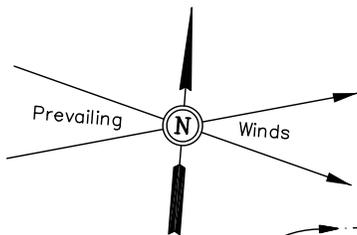
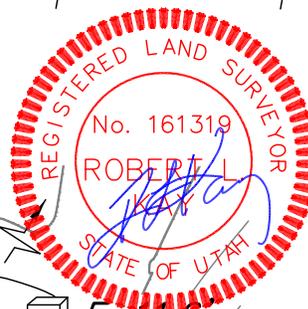
LOCATION LAYOUT FOR

#5-6D-45 BTR

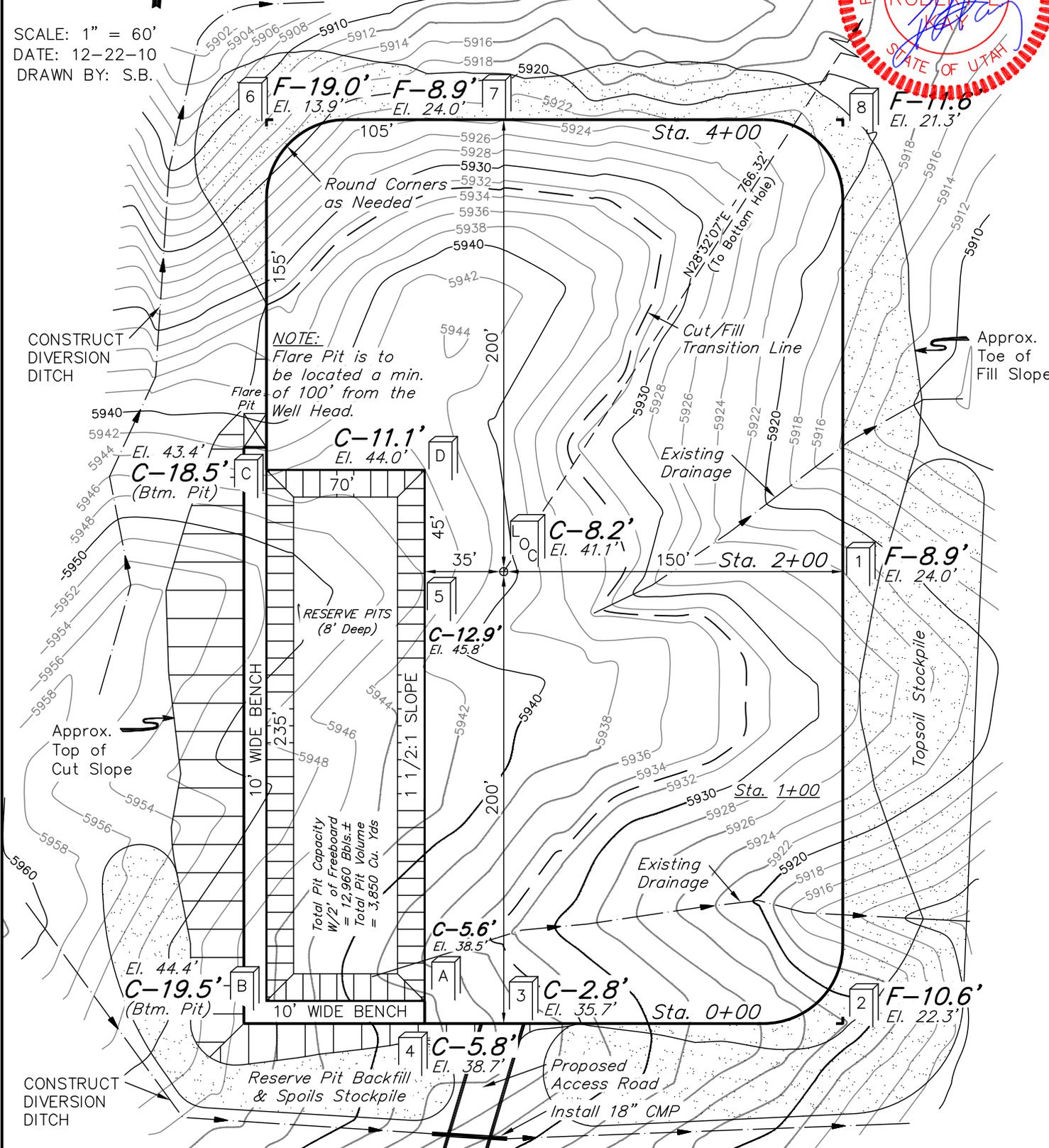
SECTION 6, T4S, R5W, U.S.B.&M.

2650' FNL 284' FWL

FIGURE #1



SCALE: 1" = 60'
DATE: 12-22-10
DRAWN BY: S.B.



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
= 12,960 Bbls.±
Total Pit Volume
= 3,850 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = 5941.1'
FINISHED GRADE ELEV. AT LOC. STAKE = 5932.9'

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

RECEIVED: Apr. 19, 2011

BILL BARRETT CORPORATION

TYPICAL CROSS SECTION FOR

#5-6D-45 BTR

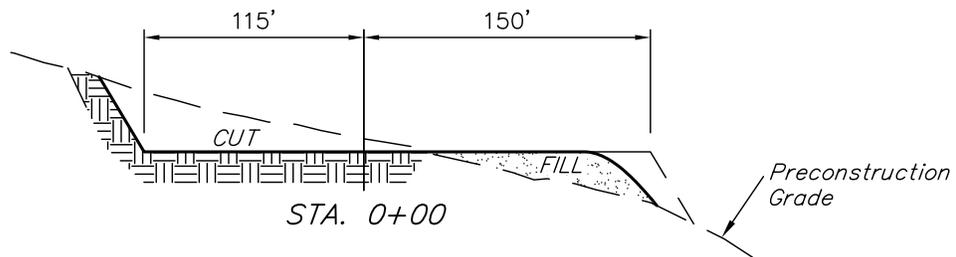
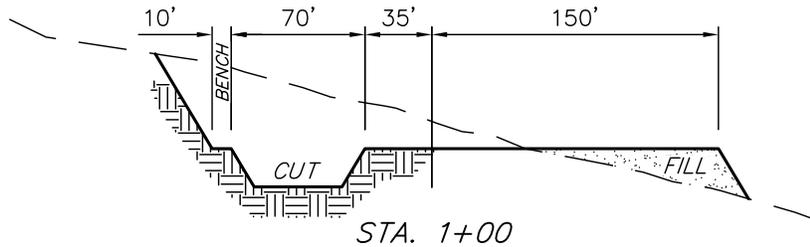
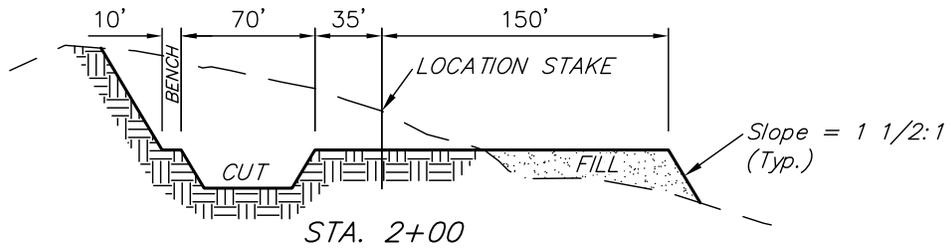
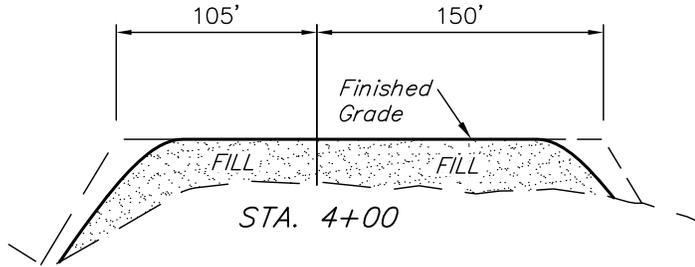
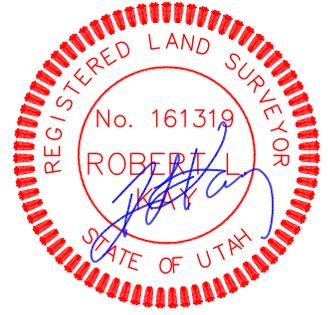
SECTION 6, T4S, R5W, U.S.B.&M.

2650' FNL 284' FWL

FIGURE #2

X-Section Scale
1" = 100'
1" = 40'

DATE: 12-22-10
DRAWN BY: S.B.



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.151 ACRES
ACCESS ROAD DISTURBANCE = ± 1.757 ACRES
PIPELINE DISTURBANCE = ± 1.718 ACRES
TOTAL = ± 6.626 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 5,180 Cu. Yds.
Remaining Location = 20,870 Cu. Yds.
TOTAL CUT = 26,050 CU.YDS.
FILL = 18,940 CU.YDS.

EXCESS MATERIAL = 7,110 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 7,110 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

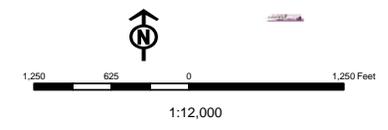
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



API Number: 4301350688
Well Name: 5-6D-45 BTR
 Township T0.4 . Range R0.5 . Section 06
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 | OPIS - 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 | |



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/19/2011**API NO. ASSIGNED:** 43013506880000**WELL NAME:** 5-6D-45 BTR**OPERATOR:** BILL BARRETT CORP (N2165)**PHONE NUMBER:** 303 312-8134**CONTACT:** Tracey Fallang**PROPOSED LOCATION:** SWNW 06 040S 050W**Permit Tech Review:** **SURFACE:** 2650 FNL 0284 FWL**Engineering Review:** **BOTTOM:** 1980 FNL 0660 FWL**Geology Review:** **COUNTY:** DUCHESNE**LATITUDE:** 40.16188**LONGITUDE:** -110.50031**UTM SURF EASTINGS:** 542554.00**NORTHINGS:** 4445634.00**FIELD NAME:** ALTAMONT**LEASE TYPE:** 2 - Indian**LEASE NUMBER:** 2OG0005608**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER-WASATCH**SURFACE OWNER:** 2 - Indian**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 139-85
- Effective Date:** 3/11/2010
- Siting:** 4 Prod LGRRV-WSTC Wells in Drilling Units
- R649-3-11. Directional Drill**

Comments: Presite Completed**Stipulations:** 4 - Federal Approval - dmason
15 - Directional - 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: 5-6D-45 BTR
API Well Number: 43013506880000
Lease Number: 2OG0005608
Surface Owner: INDIAN
Approval Date: 5/2/2011

Issued to:

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

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-85. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

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

Conditions of Approval:

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

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

Notification Requirements:

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

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

OR

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

Reporting Requirements:

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

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

Approved By:

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

For John Rogers
Associate Director, Oil & Gas

| | | |
|---|---|--|
| 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: 5-6D-45 BTR |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 9. API NUMBER: 43013506880000 |
| 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: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W Meridian: U | | COUNTY: DUCHESNE |
| | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/28/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input 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="Correct Lease Number"/> |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is being submitted as notification that this lease has been earned and the new lease number should be 14-20-H62-6296. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY | | |
| NAME (PLEASE PRINT) Tracey Fallang | PHONE NUMBER 303 312-8134 | TITLE Regulatory Manager |
| SIGNATURE N/A | | DATE 6/28/2011 |

RECEIVED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 30 2011
Original 4/21/11
BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | |
|---|---|
| 5. Lease Serial No. 14-20-H62-6296 | |
| 6. If Indian, Allottee or Tribe Name | |
| 7. If Unit or CA Agreement, Name and No. | |
| 8. Lease Name and Well No. 5-6D-45 BTR | |
| 9. API Well No. 43-013-50688 | |
| 10. Field and Pool, or Exploratory ALTAMONT/WSTCH-LWR GR | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 6 T4S R5W Mer UBM |
| 12. County or Parish DUCHESNE | 13. State UT |
| 14. Distance in miles and direction from nearest town or post office* 11.3 MILES SW OF DUCHESNE, UT | 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660 |
| 16. No. of Acres in Lease 66101.00 | 17. Spacing Unit dedicated to this well 160.00 |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 2391 | 19. Proposed Depth 9338 MD 9243 TVD |
| 20. BLM/BIA Bond No. on file LPM 8874725 | 21. Elevations (Show whether DF, KB, RT, GL, etc.) 5941 GL |
| 22. Approximate date work will start 08/01/2011 | 23. Estimated duration 60 (D&C) |

24. Attachments

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

- | | |
|---|--|
| 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 shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

| | | |
|---|---|---------------------|
| 25. Signature (Electronic Submission) | Name (Printed/Typed) TRACEY FALLANG Ph: 303-312-8134 | Date 04/18/2011 |
| Title REGULATORY MANAGER | | |
| Approved by (Signature) | Name (Printed/Typed) Jerry Kenczka | Date AUG 17 2011 |
| Title Assistant Field Manager Lands & Mineral Resources | Office VERNAL FIELD OFFICE | |

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

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

Additional Operator Remarks (see next page)

Electronic Submission #106689 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Vernal

UDOGM

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

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

RECEIVED

AUG 23 2011

DIV. OF OIL, GAS & MINING

115501099DE

115501099DE



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: 5-6D-45 BTR
API No: 43-013-50688

Location: Lot 5, Sec.6, T4S, R5W
Lease No: 14-20-H62-6296
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

| | |
|---|--|
| Location Construction (Notify Environmental Scientist) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion (Notify Environmental Scientist) | - Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify 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 Supv. Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify 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)**

SITE SPECIFIC CONDITIONS OF APPROVAL

Additional Stipulations:

- Production Equipment will be painted Beetle Green to help blend into the surrounding vegetation.
- See Exhibit One of the approved EA U&O-FY11-Q3-058 for additional mitigation measures that must be followed for each of the proposed well locations.

General Conditions of Approval:

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

- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

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

SITE SPECIFIC DOWNHOLE COAs:

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

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. 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.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, 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: 14-20-H62-6296 | |
| 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: 5-6D-45 BTR |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | 9. API NUMBER: 43013506880000 |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | PHONE NUMBER: 303 312-8164 Ext |
| 9. FIELD and POOL or WILDCAT: ALTAMONT | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W 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: 9/1/2012 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input checked="" type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

This sundry is being submitted to request a one year extension of the subject APD. Drilling operations are scheduled to begin on 09/01/2012 for this well.

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

Date: April 09, 2012

By:

| | | |
|--|-------------------------------------|---------------------------------------|
| NAME (PLEASE PRINT) Venessa Langmacher | PHONE NUMBER 303 312-8172 | TITLE Senior Permit Analyst |
| SIGNATURE N/A | DATE 4/2/2012 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013506880000

API: 43013506880000

Well Name: 5-6D-45 BTR

Location: 2650 FNL 0284 FWL QTR SWNW SEC 06 TWNP 040S RNG 050W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 5/2/2011

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

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

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

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

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

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

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

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

Signature: Venessa Langmacher

Date: 4/2/2012

Title: Senior Permit Analyst Representing: BILL BARRETT CORP

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6296 |
| 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: 5-6D-45 BTR |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | 9. API NUMBER: 43013506880000 |
| 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: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME |
| <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/13/2012 | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |

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

This well was spud by Triple A Drilling on 9/13/2012 at 9:00 am.

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

FOR RECORD ONLY

September 25, 2012

| | | |
|--|-------------------------------------|---------------------------------------|
| NAME (PLEASE PRINT) Venessa Langmacher | PHONE NUMBER 303 312-8172 | TITLE Senior Permit Analyst |
| SIGNATURE N/A | DATE 9/25/2012 | |

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 5-6D-45 BTR
Qtr/Qtr SWNW Section 6 Township 4S Range 5W
Lease Serial Number 1420H626296
API Number 4301350688

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

Date/Time 09/13/2012 8:00 AM PM

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

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

Date/Time _____ AM PM

BOPE

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

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

Date/Time _____ AM PM

Remarks _____

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

FORM 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 |
|--|-----------------------|-------------------|-----------|-----|----------------------------------|-----|----------|
| 4301350688 | 5-6D-45 BTR | | SWNW | 6 | 4S | 5W | Duchesne |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| A | <u>new</u> | <u>18726</u> | 9/13/2012 | | <u>9/27/2012</u> | | |
| Comments: Spudding Operation was conducted by Triple A Drilling @ 9:00 am. <u>GR-WS BHL:SWNW</u> | | | | | | | |

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|-----------------------|-------------------|-----------|-----|----------------------------------|-----|----------|
| 4301351216 | 5H-1-46 BTR Wasatch | | SWNW | 6 | 4S | 5W | Duchesne |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| A | <u>new</u> | <u>18727</u> | 9/14/2012 | | <u>9/27/2012</u> | | |
| Comments: Spudding Operation was conducted by Triple A Drilling @ 11:00 am. <u>WSTC BHL:SI R6W SWNW</u> | | | | | | | |

CONFIDENTIAL

Well 3

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|---|---------------------------|-------------------|-------------|-----|----------------------------------|-----|----------|
| 4301351215 | 5H-1-46 BTR Uteland Butte | | <u>NWSW</u> | 6 | 4S | 5W | Duchesne |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| A | <u>new</u> | <u>18728</u> | 9/15/2012 | | <u>9/27/2012</u> | | |
| Comments: Spudding Operation was conducted by Triple A Drilling @ 12:00 pm. <u>GRRV BHL:SI R6W SWNW</u> | | | | | | | |

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)

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

Title

9/25/2012

Date

RECEIVED

SEP 26 2012

Div. of Oil, Gas & Mining

| | | |
|--|--|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6296 |
| 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: 5-6D-45 BTR |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W Meridian: U | | 9. API NUMBER: 43013506880000 |
| PHONE NUMBER: 303 312-8164 Ext | | 9. FIELD and POOL or WILDCAT: ALTAMONT |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | 9. STATE: UTAH |
| 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: 9/30/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CHANGE WELL NAME | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <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. Well spud 9/13/2012; no other September 2012 monthly drilling activity to report. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 05, 2012 | | |
| NAME (PLEASE PRINT) Megan Finnegan | PHONE NUMBER 303 299-9949 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 10/2/2012 | |

| | |
|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6296 |
| 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: 5-6D-45 BTR |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | 9. API NUMBER: 43013506880000 |
| 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: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W 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: 10/19/2012 <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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |

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

BBC requests to change the approved 10-3/4" surface casing to 9-5/8" at 2500'. Please see revised casing and cementing programs attached.

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

Date: October 16, 2012

By: *Derek Quist*

| | | |
|--|-------------------------------------|---------------------------------------|
| NAME (PLEASE PRINT) Venessa Langmacher | PHONE NUMBER 303 312-8172 | TITLE Senior Permit Analyst |
| SIGNATURE N/A | DATE 10/15/2012 | |

5-6D-45 BTR**Casing Program**

| Hole Size | SETTING DEPTH | | Casing Size | Casing Weight | Casing Grade | Thread | Condition |
|------------------|----------------------|-------------|--------------------|----------------------|---------------------|---------------|------------------|
| | (FROM) | (TO) | | | | | |
| 26" | Surface | 80' | 16" | 65# | | | |
| 12 1/4" | Surface | 2,500' | 9 5/8" | 36# | J or K 55 | ST&C | New |
| 8 3/4" | Surface | TD | 5 1/2" | 17# | P-110 | LT&C | New |

Cementing Program

| | |
|--------------------------|---|
| 16" Conductor Casing | Grout |
| 9 5/8" Surface Casing | Lead: 360 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 2,000' |
| 5 1/2" Production Casing | Lead: 680 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 2,000' Tail: 870 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 6,128' |



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: 5-6D-45 BTR

Surface Hole Data:

| | |
|----------------|---------|
| Total Depth: | 2,500' |
| Top of Cement: | 0' |
| OD of Hole: | 12.250" |
| OD of Casing: | 9.625" |

Calculated Data:

| | | |
|--------------|--------|-----------------|
| Lead Volume: | 1096.1 | ft ³ |
| Lead Fill: | 2,000' | |
| Tail Volume: | 274.0 | ft ³ |
| Tail Fill: | 500' | |

Cement Data:

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

Calculated # of Sacks:

| | |
|--------------|-----|
| # SK's Lead: | 360 |
|--------------|-----|

| | | |
|--------------|--------|---------------------|
| Tail Yield: | 1.36 | ft ³ /sk |
| % Excess: | 75% | |
| Top of Tail: | 2,000' | |

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

Production Hole Data:

| | |
|----------------|--------|
| Total Depth: | 9,338' |
| Top of Cement: | 2,000' |
| Top of Tail: | 6,128' |
| OD of Hole: | 8.750" |
| OD of Casing: | 5.500" |

Calculated Data:

| | | |
|--------------|--------|-----------------|
| Lead Volume: | 1564.1 | ft ³ |
| Lead Fill: | 4,128' | |
| Tail Volume: | 1216.4 | ft ³ |
| Tail Fill: | 3,210' | |

Cement Data:

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

Calculated # of Sacks:

| | |
|--------------|-----|
| # SK's Lead: | 680 |
| # SK's Tail: | 870 |

| |
|---|
| 5-6D-45 BTR Proposed Cementing Program |
|---|

| <u>Job Recommendation</u> | <u>Surface Casing</u> |
|-----------------------------------|--|
| Lead Cement - (2000' - 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: 2,000' |
| | Volume: 195.22 bbl |
| | Proposed Sacks: 360 sks |
| Tail Cement - (TD - 2000') | |
| 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: 2,000' |
| | Calculated Fill: 500' |
| | Volume: 48.80 bbl |
| | Proposed Sacks: 210 sks |

| <u>Job Recommendation</u> | <u>Production Casing</u> |
|--------------------------------------|--|
| Lead Cement - (6128' - 2000') | |
| 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: 2,000' |
| | Calculated Fill: 4,128' |
| | Volume: 278.55 bbl |
| | Proposed Sacks: 680 sks |
| Tail Cement - (9338' - 6128') | |
| 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: 6,128' |
| | Calculated Fill: 3,210' |
| | Volume: 216.63 bbl |
| | Proposed Sacks: 870 sks |

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By Lawrence Lorenzen Phone Number 303-353-5350

Well Name/Number 5-6D-45 BTR TRIBAL
Qtr/Qtr SW/NW Section 6 Township 4S Range 5W
Lease Serial Number 14-20-H62-6296
API Number 43-013-50688

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

Date/Time _____ AM PM

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

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

Date/Time 10-24-12 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 10-25-12 5:00 AM PM

RECEIVED

OCT 23 2012

DIV. OF OIL, GAS & MINING

Remarks Times are
estimated

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# Nabors M22
Submitted By Pat Clark Phone Number 303-353-5350
Well Name/Number 5-6D-45 BTR
Qtr/Qtr SW/NW Section 6 Township 4S Range 5W
Lease Serial Number 14-20-H62-6296
API Number 43-013-506880000

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

Date/Time _____ AM PM

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

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

Date/Time 10-31-12 17:00 AM PM

BOPE

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

RECEIVED
OCT 30 2012
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks Times are estimated

| | | |
|---|--|--|
| 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: 14-20-H62-6296 |
| | | 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: 5-6D-45 BTR | |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | 9. API NUMBER: 43013506880000 | |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | PHONE NUMBER: 303 312-8164 Ext | 9. FIELD and POOL or WILDCAT: ALTAMONT |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W 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"/> 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: 10/31/2012 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CHANGE WELL NAME | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p style="text-align: center;">October 2012 monthly drilling activity report is attached.</p> <div style="text-align: right; margin-top: 20px;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>November 07, 2012</p> </div> | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 11/7/2012 | |

**5-6D-45 BTR 10/17/2012 06:00 - 10/18/2012 06:00**

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 12.00 | 18:00 | 1 | RIGUP & TEARDOWN | Rigging down, 6 trucks @ 1200 hrs begin moving pipe etc. |
| 18:00 | 12.00 | 06:00 | 1 | RIGUP & TEARDOWN | Rigging down, Prep'g for cranes to rig down derrick and sub. |

5-6D-45 BTR 10/18/2012 06:00 - 10/19/2012 06:00

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 12.00 | 18:00 | 1 | RIGUP & TEARDOWN | Rigging down and moving off. Intermediate cylinder on substructure bad. Remove and wait on replacement. All other equipment moved New cylinder arrived @ 1700 hrs. Install and lower substructure. |

5-6D-45 BTR 10/19/2012 06:00 - 10/20/2012 06:00

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|---|
| 06:00 | 12.00 | 18:00 | 1 | RIGUP & TEARDOWN | Moving on, set sub and put derrick together. Set in most of rig |
| 18:00 | 12.00 | 06:00 | 1 | RIGUP & TEARDOWN | Shut down for night. |

5-6D-45 BTR 10/20/2012 06:00 - 10/21/2012 06:00

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 24.00 | 06:00 | 1 | RIGUP & TEARDOWN | Finish prep'g to raise derrick, Raise derrick and continue rig up. Extend slides on shale shakers etc. |

5-6D-45 BTR 10/21/2012 06:00 - 10/22/2012 06:00

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|---|
| 06:00 | | 06:00 | 1 | RIGUP & TEARDOWN | Installed flowline, scoped derrick, Finished rig up |
| 06:00 | | 06:00 | 2 | DRILL ACTUAL | Pickup 12 1/4" MD716. On daywork @ 1900 hrs. Spud well @ 2200 hrs. Drlg to 277' |

5-6D-45 BTR 10/22/2012 06:00 - 10/23/2012 06:00

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 1.00 | 07:00 | 2 | DRILL ACTUAL | Drlg, picking up drill collars 277-308' |
| 07:00 | 1.00 | 08:00 | 8 | REPAIR RIG | Rig repair. |
| 08:00 | 7.50 | 15:30 | 2 | DRILL ACTUAL | Drlg 308-893'. 555' in 7.5 hrs 74 fph. Survey @ 824' .24* inc 221.49* azi. MW 8.6#/gal 36 vis. |
| 15:30 | 0.50 | 16:00 | 7 | LUBRICATE RIG | Rlg service |
| 16:00 | 13.50 | 05:30 | 2 | DRILL ACTUAL | Drlg 863-1812'. 949' in 13.5 hrs 70.3 fph. Begin build @ 1000' Survey @ 1584' 3.87* inc 33.01 azi. MW 8.9#/gal 36 vis. |
| 05:30 | 0.50 | 06:00 | 7 | LUBRICATE RIG | Rig service |

5-6D-45 BTR 10/23/2012 06:00 - 10/24/2012 06:00

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|-----------------|--|
| 06:00 | 6.50 | 12:30 | 2 | DRILL ACTUAL | Drlg 1812-2191'. 379' in 6.5 hrs 58 fph. Survey @ 2152 10.12* inc 43.73* azi. MW9#/gal 35 vis. |
| 12:30 | 0.50 | 13:00 | 7 | LUBRICATE RIG | Rig service |
| 13:00 | 5.00 | 18:00 | 2 | DRILL ACTUAL | Drlg 2191-2495'. 304' in 5 hrs 61 fph. Survey @2405 10.12* inc 41.58* azi. MW 8.9#/gal 35 vis. |
| 18:00 | 1.50 | 19:30 | 5 | COND MUD & CIRC | Pump sweep and circulate clean |

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|--|
| 19:30 | 2.50 | 22:00 | 6 | TRIPS | TOH for casing. TOH trip was smooth |
| 22:00 | 1.50 | 23:30 | 20 | DIRECTIONAL WORK | Laydown 8" dir tools. |
| 23:30 | 6.50 | 06:00 | 12 | RUN CASING & CEMENT | Rig up csg crew and run 57 jts 9 5/8" 36# J55 csg with 1 jt shoe track. Rig up HES to cmt. |

5-6D-45 BTR 10/24/2012 06:00 - 10/25/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|----------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43013506880000 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|---|
| 06:00 | 5.50 | 11:30 | 12 | RUN CASING & CEMENT | Rig up HES, HSM, Cement as follows; Pump 3 bbls water, Pressure test to 5K, Pump 20 bbl water spacer, 40 bbl super flush, 20 bbl spacer then 225 bbls (400sks)11# Halcem lead cmt, 35 bbls (235 sks) 14.8# Premium G cmt. Drop plug and displace with 187 bbls water. Bump plug to 1100#, 500 over final pumping pressure. Had returns throughout job. Run 100' 1" down annulus. Top out with 100 sks G with 2% cal |
| 11:30 | 5.00 | 16:30 | 13 | WAIT ON CEMENT | Wait on cmt. |
| 16:30 | 5.50 | 22:00 | 14 | NIPPLE UP B.O.P | Cut csg, weld on csg head. |
| 22:00 | 5.00 | 03:00 | 15 | TEST B.O.P | Test BOP, tested upper & lower Kelly valves, safety valve, inside BOP, Pipe rams, blind rams, HCR valve, kill line valves, choke line valves and manifold to 5k high and 250# Low Test annular to 2500 and csg to 1500# and pow3er choke to 500# all tested good. |
| 03:00 | 0.50 | 03:30 | 6 | TRIPS | Install wear bushing |
| 03:30 | 2.00 | 05:30 | 20 | DIRECTIONAL WORK | P/U Dir equipment and orient. |
| 05:30 | 0.50 | 06:00 | 6 | TRIPS | TIH |

5-6D-45 BTR 10/25/2012 06:00 - 10/26/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|----------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43013506880000 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|----------------------|---|
| 06:00 | 1.50 | 07:30 | 6 | TRIPS | Finish TIH. Install rot rubber. |
| 07:30 | 2.00 | 09:30 | 21 | Drill Cmt, Fit Equip | Drill cmt & fit equip. Cmt @ 2400', FC @ 2438', FS @ 2483'. Drill 20' new hole to 2515'. |
| 09:30 | 0.50 | 10:00 | 21 | F.I.T. | F.I.T. to 209 psi f/10.5 EMW. |
| 10:00 | 5.50 | 15:30 | 2 | DRILL ACTUAL | Drill/Slide 2515' - 2946'. Wob 10-20k, rpm 45/82, spp 1750 psi, dp 200 psi, rop 78 fph. |
| 15:30 | 0.50 | 16:00 | 7 | LUBRICATE RIG | Rig Service. |
| 16:00 | 14.00 | 06:00 | 2 | DRILL ACTUAL | Drill/Slide 2946' - 3990'. Wob 10-20k, rpm 50/82, spp 1950 psi, dp 200 psi, rop 75 fph. BOP Drill both tours. |

5-6D-45 BTR 10/26/2012 06:00 - 10/27/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|----------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43013506880000 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 11.50 | 17:30 | 2 | DRILL ACTUAL | Drill/Slide 3990' - 4653'. Wob 15-20k, rpm 40-50/69, gpm 460, spp 1600 psi, dp 150 psi, rop 58 fph. Lost approx 150 bbls mud, healed losses w/high lcm sweeps. |
| 17:30 | 0.50 | 18:00 | 7 | LUBRICATE RIG | Rig Service. |
| 18:00 | 11.50 | 05:30 | 2 | DRILL ACTUAL | Drill/Slide 4653' - 5128'. Wob 15-20k, rpm 40-50/75, gpm 500, spp 1800 psi, dp 150 psi, rop 41 fph. Lost approx 100 bbls mud, healed losses w/high lcm sweeps. |
| 05:30 | 0.50 | 06:00 | 7 | LUBRICATE RIG | Rig Service. |

5-6D-45 BTR 10/27/2012 06:00 - 10/28/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|----------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43013506880000 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 10.00 | 16:00 | 2 | DRILL ACTUAL | Drill/Slide 5128' - 5697'. Wob 20k, rpm 45-60/75, 500 gpm, spp 1850 psi, dp 200 psi, rop 57 fph. |
| 16:00 | 0.50 | 16:30 | 7 | LUBRICATE RIG | Rig Service. |
| 16:30 | 13.00 | 05:30 | 2 | DRILL ACTUAL | Drill/Slide 5697' - 6263'. Wob 20k, rpm 45-60/75, 500 gpm, spp 1850 psi, dp 200 psi, rop 44 fph. |

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--------------|
| 05:30 | 0.50 | 06:00 | 7 | LUBRICATE RIG | Rig Service. |

5-6D-45 BTR 10/28/2012 06:00 - 10/29/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|----------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43013506880000 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 10.00 | 16:00 | 2 | DRILL ACTUAL | Drill/Slide 6263' - 6831'. Wob 20k, rpm 45-65/81, gpm 540, spp 2350 psi, dp 250 psi, rop 57 fph. |
| 16:00 | 0.50 | 16:30 | 7 | LUBRICATE RIG | Rig Service. |
| 16:30 | 11.00 | 03:30 | 2 | DRILL ACTUAL | Drill/Slide 6831' - 7302'. Wob 20k, rpm 45-65/81, gpm 540, spp 2350 psi, dp 250 psi, rop 43 fph. |
| 03:30 | 0.50 | 04:00 | 7 | LUBRICATE RIG | Rig Service. |
| 04:00 | 2.00 | 06:00 | 2 | DRILL ACTUAL | Drill/Slide 7302' - 7397'. Wob 20k, rpm 45-65/81, gpm 540, spp 2450 psi, dp 250 psi, rop 48 fph. |

5-6D-45 BTR 10/29/2012 06:00 - 10/30/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|----------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43013506880000 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 3.50 | 09:30 | 2 | DRILL ACTUAL | Drill/Slide 7397' - 7587'. Wob 20k, rpm 59/82, gpm 540, spp 2450 psi, dp 200 psi, rop 54 fph. |
| 09:30 | 0.50 | 10:00 | 7 | LUBRICATE RIG | Rig Service. Function pipe rams. |
| 10:00 | 14.50 | 00:30 | 2 | DRILL ACTUAL | Drill/Slide 7587' - 8252'. Wob 20k, rpm 59/82, gpm 540, spp 2450 psi, dp 200 psi, rop 46 fph. |
| 00:30 | 0.50 | 01:00 | 7 | LUBRICATE RIG | Rig Service. |
| 01:00 | 5.00 | 06:00 | 2 | DRILL ACTUAL | Drill/Slide 8252' - 8441. Wob 20k, rpm 59/82, gpm 540, spp 2450 psi, dp 200 psi, rop38 fph. BOP drill both tours. |

| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 | |
|---|---|---|---|
| | | 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6296 | |
| 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: 5-6D-45 BTR | | |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | 9. API NUMBER: 43013506880000 | | |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | PHONE NUMBER: 303 312-8164 Ext | 9. FIELD and POOL or WILDCAT: ALTAMONT | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W 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 type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/3/2012 | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. November 2012 monthly drilling activity report is attached. | | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 05, 2012 | | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst | |
| SIGNATURE N/A | | DATE 12/3/2012 | |

**5-6D-45 BTR 11/1/2012 06:00 - 11/1/2012 21:00**

| | | | | | | |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43013506880000 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|---------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|---|
| 06:00 | 8.00 | 14:00 | 12 | RUN CASING & CEMENT | Finish running 5 1/2", 17#, P-110, LT&C csg as follows: FS @ 8639', 2 jts csg, FC @ 8549', 10 jts csg, MJ @ 8094', 16 jts csg, MJ @ 7379', 29 jts csg, MJ @ 6098', 141 jts csg (198 total). Tag 8650' w/jt # 201, l/d jt 201. R/D Tesco. |
| 14:00 | 1.50 | 15:30 | 5 | COND MUD & CIRC | C&C f/cmt.R/U HES. |
| 15:30 | 3.00 | 18:30 | 12 | RUN CASING & CEMENT | HSM. Cement well as follows: Press test lines to 5000 psi. Pump 10 bbls H2O, 40 bbls Superflush, 10 bbls H2O. Mix and pump 304 bbls(735 sx) Lead cmt @ 11 ppg, 2.32 yld, 10.61 bps H2O. Tail in with 133 bbls(525 sx) @ 13.5 ppg, 1.42 yld, 6.65 gps H2O. Displace w/ 198 bbls Clay Web & Algacide water. Partial returns throughout, returned 18 bbls cmt to surface. Max press 1600 psi, bump plug to 2200 psi. Floats held, bled back 2 bbls. R/D HES. |
| 18:30 | 2.50 | 21:00 | 14 | NIPPLE UP B.O.P | NDBOP, Lift same. Set slips on prod csg w/190000 #. Rough cut 5 1/2" csg, install nightcap. Clean pits, Release rig @ 21:00. |

| | | |
|--|---|--|
| 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: 14-20-H62-6296 |
| 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: 5-6D-45 BTR |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W Meridian: U | | 9. API NUMBER: 43013506880000 |
| PHONE NUMBER: 303 312-8164 Ext | | 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 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: 1/2/2013 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CHANGE WELL NAME | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> OTHER | |
| | OTHER: <input style="width: 100px;" type="text"/> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. No December monthly drilling activity to report | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 03, 2013 | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 1/2/2013 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|----------------------------------|---------------------------------------|--|---|--|---|---|---|--|---------------------------------|---|---|--|---|------------------------------------|---|---|---|--|---|--|--|--|---|--|---|--|---|--------------------------------|---|
| 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: 14-20-H62-6296 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 5-6D-45 BTR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W Meridian: U | | 9. API NUMBER: 43013506880000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHONE NUMBER: 303 312-8164 Ext | | 9. FIELD and POOL or WILDCAT: ALTAMONT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | 9. STATE: UTAH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/28/2013 | TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TUBING</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> DEEPEN</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TUBING REPAIR</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> VENT OR FLARE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OTHER</td> <td style="vertical-align: top; padding: 2px;">OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table> | | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> |
| <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. February 2013 monthly drilling report attached. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGNATURE N/A | DATE 3/5/2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**5-6D-45 BTR 2/1/2013 06:00 - 2/2/2013 06:00**

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 24.00 | 06:00 | IWHD | Install Wellhead | HSM. CHECK PRESSURES. ND NIGHT CAP. NU 7" 5K TBG HEAD. PRES TEST VOID AND SEALS. CONSTRUCTION START SETTING TANKS. |

5-6D-45 BTR 2/2/2013 06:00 - 2/3/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|----------|---|
| 06:00 | 24.00 | 06:00 | LOGG | Logging | HSM. MIRU SLB. RIH W/ 4.5" GR/JB TO TAG PLBT. RIH W/ CBL/CCL/GR/TEMP. DRLG REPORT SHOWS F.C. AT 8550'. TAG FILL AT 8503'. HAVE 47' FILL. SHORT JTS AT 8072'-8096', 7358'-7380', AND 6078'-6100'. CMT BOND SHOWED -- VERY GOOD TD-5770', GOOD 5770'-4800', FAIR 4800'-4200', BAD 4200'-2600', FAIR 2600'-2250', GOOD 2250'-2110', BAD 2110'-400'. TOC 400'. RAN CBL WITH 1000 PSI. RD. |

5-6D-45 BTR 2/3/2013 06:00 - 2/4/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/4/2013 06:00 - 2/5/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/5/2013 06:00 - 2/6/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/6/2013 06:00 - 2/7/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/7/2013 06:00 - 2/8/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/8/2013 06:00 - 2/9/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/9/2013 06:00 - 2/10/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status COMPLETION | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|---------------------------|-------------------------------|---|

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/10/2013 06:00 - 2/11/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/11/2013 06:00 - 2/12/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/12/2013 06:00 - 2/13/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/13/2013 06:00 - 2/14/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/14/2013 06:00 - 2/15/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/15/2013 06:00 - 2/16/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/16/2013 06:00 - 2/17/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/17/2013 06:00 - 2/18/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/18/2013 06:00 - 2/19/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |



| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|---|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | CHECK PRESSURES. ND NIGHT CAP. NU FRAC MANDREL, NU 5-1/8" 10K FRAC VALVES. PRES TEST CSG AND FRAC VALVES. BATTERY UNDER CONSTRUCTION. | |

5-6D-45 BTR 2/19/2013 06:00 - 2/20/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|----------------------------|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION | |

5-6D-45 BTR 2/20/2013 06:00 - 2/21/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|-----------------------------|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. | |

5-6D-45 BTR 2/21/2013 06:00 - 2/22/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. START MOVING IN AND FILLING FRAC LINE. | |

5-6D-45 BTR 2/22/2013 06:00 - 2/23/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. MOVING IN AND FILLING FRAC LINE. | |

5-6D-45 BTR 2/23/2013 06:00 - 2/24/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. MOVE IN AND FILLING FRAC LINE. | |

5-6D-45 BTR 2/24/2013 06:00 - 2/25/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. MOVE IN AND FILLING FRAC LINE. | |

5-6D-45 BTR 2/25/2013 06:00 - 2/26/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | FILLING FRAC LINE. BACKSIDE MANIFOLD IN. RIVER LOAD OUT SET. | |

5-6D-45 BTR 2/26/2013 06:00 - 2/27/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | COMPLETION | 8,650.0 | Drilling & Completion |

| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|---|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. FINISH FILLING FRAC LINE. HEAT FRAC LINE. | |

| | | |
|--|--|--|
| 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: 14-20-H62-6296 |
| 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: 5-6D-45 BTR |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W Meridian: U | | 9. API NUMBER: 43013506880000 |
| PHONE NUMBER: 303 312-8164 Ext | | 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/7/2013 | <input type="checkbox"/> ALTER CASING | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | <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"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> PLUG BACK | |
| | <input checked="" type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <input type="checkbox"/> 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. <p style="text-align: center;">This well had first gas sales on 3/5/2013 and first oil sales on 3/7/2013.</p> <div style="text-align: right; margin-top: 20px;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>March 08, 2013</p> </div> | | |
| NAME (PLEASE PRINT) Venessa Langmacher | PHONE NUMBER 303 312-8172 | TITLE Senior Permit Analyst |
| SIGNATURE N/A | DATE 3/8/2013 | |

| | | |
|--|--|--|
| 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: 14-20-H62-6296 |
| 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: 5-6D-45 BTR |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2650 FNL 0284 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 04.0S Range: 05.0W Meridian: U | | 9. API NUMBER: 43013506880000 |
| PHONE NUMBER: 303 312-8164 Ext | | 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 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: 3/1/2013 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | |
| | <input type="checkbox"/> CHANGE TUBING | |
| | <input type="checkbox"/> CHANGE WELL STATUS | |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | |
| | <input type="checkbox"/> CHANGE WELL NAME | |
| | <input type="checkbox"/> DEEPEN | |
| | <input type="checkbox"/> CONVERT WELL TYPE | |
| | <input type="checkbox"/> OPERATOR CHANGE | |
| | <input type="checkbox"/> FRACTURE TREAT | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | |
| | <input type="checkbox"/> PLUG AND ABANDON | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> RECLAMATION OF WELL SITE | |
| | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> WATER SHUTOFF | |
| | <input type="checkbox"/> VENT OR FLARE | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | |
| | <input type="checkbox"/> SI TA STATUS EXTENSION | |
| | <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. Attached is the March 2013 Drilling Activity for this well. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 05, 2013 | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 4/5/2013 | |

**5-6D-45 BTR 3/1/2013 06:00 - 3/2/2013 06:00**

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | FRAC ON 5H-1-46 TW |

5-6D-45 BTR 3/2/2013 06:00 - 3/3/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|---|
| 06:00 | 10.00 | 16:00 | LOCL | Lock Wellhead & Secure | WSI And Secured |
| 16:00 | 1.50 | 17:30 | SRIG | Rig Up/Down | WireLine MORU From 5H-1-46 BTR. LayDown 4" Lube, P/U 5" Lube. Arm Gun, Rig Up To Well. |
| 17:30 | 1.50 | 19:00 | PFRT | Perforating | RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 10-31-2012 And SLB CBL/CCL Dated 02-02-2013. Found And Correlated To Short Joint At 8,072 - 8,096'. Drop Down To Depth, Perforate Stage 1 CR-4A/CR-4 Zone, 8,193 - 8,445'. 48 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured. |
| 19:00 | 1.50 | 20:30 | GOP | General Operations | Well Turned Over To HES. Finish RU To Well. Prime Up And Pressure Test. Run QA On Fluids. Hold Safety Meeting. |
| 20:30 | 1.59 | 22:05 | FRAC | Frac. Job | Frac Stage 1. Fluid System: Hybor G 16 Open Well, 119 Psi. ICP. BrokeDown At 9.7 Bpm And 3,924 Psi.. Pump 3900 Gals. 15% HCL And 96 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 60.3 Bpm And 4,368 Psi., Get ISIP, 2,302 Psi.. 0.72 Psi./Ft. F.G.. 37/48 Holes. Con't With SlickWater Pad, 45,150 Gals.. Stage Into Hybor Pad, 69.8 Bpm At 5,029 Psi.. On Perfs, 70.8 Bpm At 3,992 Psi., 11,320 Gals. Stage Into 2.0# 20/40 White Prop, 70.8 Bpm At 4,027 Psi.. On Perfs, 70.7 Bpm At 3,681 Psi., 9,098 Gals. Stage Into 3.0# 20/40 White Prop, 70.7 Bpm At 3,635 Psi.. On Perfs, 70.8 Bpm At 3,372 Psi., 16,921 Gals. Stage Into 3.5# 20/40 White Prop, 70.8 Bpm At 3,332 Psi.. On Perfs, 70.8 Bpm At 3,257 Psi., 10,071 Gals. Stage Into 4.0# 20/40 White Prop, 70.8 Bpm At 3,260 Psi.. On Perfs, 70.8 Bpm At 3,209 Psi., 10,618 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,525 Psi.. 0.74 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 140,400# Total Clean - 124,958 Gals.. 2,975 Bbls.. BWTR - 3,123 Bbls. Max. Rate - 70.9 Bpm Avg. Rate - 70.6 Bpm Max. Psi. - 5,126 Psi. Avg. Psi. - 3,669 Psi. |
| 22:05 | 0.33 | 22:25 | CTUW | W/L Operation | Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure. |
| 22:25 | 1.33 | 23:45 | PFRT | Perforating | RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 10-31-2012 And SLB CBL/CCL Dated 02-02-2013. Found And Correlated To Short Joint At 8,072 - 8,096'. Drop Down To Depth, Set CFP At 8,193'. 1,900 Psi.. Perforate Stage 2 CR-4/CR-3 Zone, 7,973 - 8,173'. 45 Holes. 1,850 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured. |
| 23:45 | 0.17 | 23:55 | GOP | General Operations | Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well. |



Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|---|
| 23:55 | 1.17 | 01:05 | FRAC | Frac. Job | <p>Frac Stage 2. Fluid System: Hybor G 16 Open Well, 1,636 Psi. ICP. BrokeDown At 10.4 Bpm And 2,351 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 69.4 Bpm And 3,798 Psi., Get ISIP, 2,451 Psi.. 0.74 Psi./Ft. F.G.. 45/45 Holes. Con't With SlickWater Pad, 48,272 Gals.. Stage Into Hybor Pad, 70.8 Bpm At 3,710 Psi.. On Perfs, 70.8 Bpm At 4,037 Psi., 12,085 Gals. Stage Into 2.0# 20/40 White Prop, 70.8 Bpm At 4,052 Psi.. On Perfs, 70.8 Bpm At 3,712 Psi., 8,822 Gals. Stage Into 3.0# 20/40 White Prop, 70.8 Bpm At 3,661 Psi.. On Perfs, 70.8 Bpm At 3,443 Psi., 21,033 Gals. Stage Into 3.5# 20/40 White Prop, 70.9 Bpm At 3,365 Psi.. On Perfs, 70.9 Bpm At 3,311 Psi., 9,791 Gals. Stage Into 4.0# 20/40 White Prop, 70.9 Bpm At 3,310 Psi.. On Perfs, 70.8 Bpm At 3,293 Psi., 10,913 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,603 Psi.. 0.76 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 150,300# Total Clean - 131,445 Gals.. 3,130 Bbls.. BWTR - 3,289 Bbls. Max. Rate - 71.2 Bpm Avg. Rate - 70.8 Bpm Max. Psi. - 4,052 Psi. Avg. Psi. - 3,485 Psi.</p> |
| 01:05 | 0.25 | 01:20 | CTUW | W/L Operation | Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure. |
| 01:20 | 1.42 | 02:45 | PFRT | Perforating | <p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 10-31-2012 And SLB CBL/CCL Dated 02-02-2013. Found And Correlated To Short Joint At 7,358 - 7,380'. Drop Down To Depth, Set CFP At 7,966'. 2,100 Psi.. Perforate Stage 3 CR-3/CR-2 Zone, 7,699 - 7,946'. 45 Holes. 2,100 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p> |
| 02:45 | 0.08 | 02:50 | GOP | General Operations | Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well. |
| 02:50 | 1.17 | 04:00 | FRAC | Frac. Job | <p>Frac Stage 3. Fluid System: Hybor G 16 Open Well, 2,041 Psi. ICP. BrokeDown At 10.4 Bpm And 2,396 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 69.1 Bpm And 5,112 Psi., Get ISIP, 2,363 Psi.. 0.74 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 44,392 Gals.. Stage Into Hybor Pad, 70.5 Bpm At 4,342 Psi.. On Perfs, 70.4 Bpm At 4,552 Psi., 12,120 Gals. Stage Into 2.0# 20/40 White Prop, 70.3 Bpm At 4,630 Psi.. On Perfs, 70.3 Bpm At 4,286 Psi., 8,567 Gals. Stage Into 3.0# 20/40 White Prop, 70.3 Bpm At 4,251 Psi.. On Perfs, 70.4 Bpm At 3,785 Psi., 21,819 Gals. Stage Into 3.5# 20/40 White Prop, 70.5 Bpm At 3,653 Psi.. On Perfs, 70.5 Bpm At 3,559 Psi., 9,600 Gals. Stage Into 4.0# 20/40 White Prop, 70.5 Bpm At 3,554 Psi.. On Perfs, 70.5 Bpm At 3,515 Psi., 10,407 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,561 Psi.. 0.77 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 150,000# Total Clean - 127,169 Gals.. 3,028 Bbls.. BWTR - 3,195 Bbls. Max. Rate - 70.6 Bpm Avg. Rate - 70.4 Bpm Max. Psi. - 4,631 Psi. Avg. Psi. - 3,849 Psi.</p> |
| 04:00 | 0.33 | 04:20 | CTUW | W/L Operation | Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure. |



| Time Log | | | | | | |
|------------|----------|----------|------|--------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 10:00 | 1.50 | 11:30 | PFRT | Perforating | PERF STG #6- PU EXELIS 5-1/2" CFP (PINNED BALL) AND GUNS FOR STAGE 6 INTO LUBE AND EQUALIZE 1700 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6079'-6100'. RUN DOWN AND SET CFP AT 7130' WITH 1450 PSI. PULL UP AND PERF CASTLE PEAK FORM 6819'-7110' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT, TURN WELL OVER TO HES WITH 1400 PSI | |
| 11:30 | 0.50 | 12:00 | ACID | Acid Wash/Squeeze | ACIDIZE STG 6-- 6819'-7110 IN CASTLE PEAK, 45 HOLES IN 15' NET. PRES TEST TO 9300 PSI. OPEN WELL AT 11:37 WITH 870 PSI. BREAK DOWN 9.4 PSI AT 1562 BPM. PUMP 7500 GAL 15% GELLED FE ACID. 45.5 BPM AT 2439 PSI. START 90 BIO BALLS FOR DIVERSION. CONT 7500 GAL 15% GELLED FE ACID. 46.1 BPM AT 2029 PSI. BALL OFF, GOOD BALL ACTION. DISPLACE WITH 7856 BBLs ISIP 1430 FG .72 MAX RATE 46.1 BPM MAX PRES 8474 PSI AVE RATE 37.5 BPM AVE PRES 2007 PSI PMP 15,000 GAL GELLED FE ACID 8069 GAL SLK WTR BTR 550 BBLs | |
| 12:00 | 1.50 | 13:30 | PFRT | Perforating | PERF STG #7- PU EXELIS 5-1/2" CFP (PINNED BALL) AND GUNS FOR STAGE 7 INTO LUBE AND EQUALIZE 1200 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6079'-6100'. RUN DOWN AND SET CFP AT 6786' WITH 850 PSI. PULL UP AND PERF BLACK SHALE FORM 6571'-6766' WITH 36 HOLES IN 12' NET. POOH AND VERIFY ALL GUNS SHOT, TURN WELL OVER TO HES WITH 800 PSI | |
| 13:30 | 0.50 | 14:00 | ACID | Acid Wash/Squeeze | ACIDIZE STG 7-- 6571'-6766' IN BLACK SHALE, 36 HOLES IN 12' NET. PRES TEST TO 9300 PSI. OPEN WELL AT 13:37 WITH 710 PSI. BREAK DOWN 9.5 PSI AT 1776 BPM. PUMP 7500 GAL 15% GELLED FE ACID. 46.2 BPM AT 2270 PSI. START 90 BIO BALLS FOR DIVERSION. CONT 7500 GAL 15% GELLED FE ACID. 46.5 BPM AT 2140 PSI. GOOD BALL ACTION. DISPLACE WITH 7236 BBLs ISIP 1371 PSI FG .67 MAX RATE 48.2 BPM MAX PRES 7466 PSI AVE RATE 42.7 BPM AVE PRES 2139 PSI PMP 15,000 GAL GELLED FE ACID 7526 GAL SLK WTR BTR 538 BBLs | |
| 14:00 | 4.00 | 18:00 | SRIG | Rig Up/Down | RDMO HES AND SLB. | |
| 18:00 | 5.00 | 23:00 | GOP | General Operations | MOVE FBT. PLUMB IN FLOW BACK EQUIP. ADJUST FRAC LINE. MOVE OUT EXTRA TANKS. MOVING WTR. | |
| 23:00 | 7.00 | 06:00 | FBCK | Flowback Well | OPEN WELL TO FLOW BACK TANKS. TURN OVER TO FBC. | |

5-6D-45 BTR 3/10/2013 06:00 - 3/11/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

| Time Log | | | | | | |
|------------|----------|----------|------|---------------|---|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 24.00 | 06:00 | FBCK | Flowback Well | BYPASS TREATER TO FLOW WELL. 0 PSI. MOVE TANKS AND PREP LOCATION FOR RIG. | |

5-6D-45 BTR 3/11/2013 06:00 - 3/12/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

| Time Log | | | | | | |
|------------|----------|----------|------|------------------------|---|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. | |
| 07:00 | 3.00 | 10:00 | RMOV | Rig Move | ROAD RIG FROM AURORA 8-17D-7-20 TO LOCATION. 0 PSI ON WELL. OPEN TO FBT. | |
| 10:00 | 1.00 | 11:00 | SRIG | Rig Up/Down | SPOT AND RUSU. | |
| 11:00 | 2.00 | 13:00 | BOPI | Install BOP's | ND FRAC VALVES. NU BOP. RU FLOOR. SET CATWALK AND PIPE RACKS. LOAD TBG ON RACKS. | |
| 13:00 | 4.50 | 17:30 | RUTB | Run Tubing | MU 4-3/4" BIT, POBS. 1-JT, XN. RIH AS PU TBG. TAG CFP #1 AT 6786'. RU DRLG EQUIP. SDFN. | |
| 17:30 | 12.50 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. WELL SHUT IN AND SECURE. | |

**5-6D-45 BTR 3/12/2013 06:00 - 3/13/2013 06:00**

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

| Time Log | | | | | | |
|------------|----------|----------|------|------------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. | |
| 07:00 | 1.00 | 08:00 | GOP | General Operations | PUMP THRU LINES. MU PWR SWIVEL. EST CIRC. CIRC OIL TO SALES. BACK TI FBT WITH WTR. | |
| 08:00 | 12.00 | 20:00 | DOPG | Drill Out Plugs | D/O PLUGS CFP #1 AT 6786'. 0' SAND. D/O IN 12 MIN. P-2 BPM, R- 2.5 BPM. FCP 125 PSI. RIH. CFP #2 AT 7130'. 0' SAND. D/O IN 20 MIN. P- 2.5 BPM, R 2.5 BPM. FCP 100 PSI. RIH. CFP #3 AT 7390'. 0' SAND. D/O IN 20 MIN. P-3.0 BPM, R 2 BPM, THRU PLUG AND LOOSING CIRC. PMP 4.0 BPM, R 2 BPM. FCP 50 PSI. CIRC 30 MIN. RIH. CFP #4 AT 7693'. 0' SAND. D/O IN 30 MIN. LOST RETURNS AS DRLG THEN CAME BACK. P 5/0, R 2. PMP FOR 30 MIN AFTER THRU PLUG. CFP #5 AT 7966'. TOOK 30 MIN TO GET CIRC AT 5 BPM. 17' SAND. D/O IN 15 MIN. START GETTING BETTER RETURNS. P 4.0, R 3.5-4. CIRC 30 MIN AFTER THRU PLUG. CFP #6 AT 8193'. GOT CIRC AS SOON AS START PUMPING. 75' SAND, D/O IN 15 MIN. P 4.0, R 3.5-4. CIRC 30 MIN AFTER THRU PLUG. TAG SAND AT 8303' (FC AT 8550') HAVE 247' SAND TO FC. CIRC CLEAN. LOST 1000 BBLS CIRCULATING TODAY. | |
| 20:00 | 1.00 | 21:00 | GOP | General Operations | HANG PWR SWIVEL. POOH W/ 50-JTS TO GET ABOVE PERFS. | |
| 21:00 | 9.00 | 06:00 | LOCL | Lock Wellhead & Secure | WELL OPEN TO PROD TANKS. CREW TRAVEL. WELL SECURE FOR NIGHT. | |

5-6D-45 BTR 3/13/2013 06:00 - 3/14/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

| Time Log | | | | | | |
|------------|----------|----------|------|------------------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. | |
| 07:00 | 1.00 | 08:00 | RUTB | Run Tubing | SIWP- 25. RIH F/ TOP OF PERFS @ 6571' W/ 4-3/4 BIT TO 8303'. | |
| 08:00 | 7.00 | 15:00 | CLN | Clean Out Hole | R/U POWER SWIVEL. BREAK CIRC & ROLL GAS & OIL OFF WELL. VERY POOR CIRC. C/O SAND F/ 8303' TO 8550' PBD. VERY STICKY. CIRC WELL CLEAN FOR 2.5 HRS. NO SAND. R/D SWIVEL. | |
| 15:00 | 2.50 | 17:30 | PULT | Pull Tubing | POOH TO 4100'. LAND TBG ON TBG HANGER. R/D FLOOR & EQUIPMENT. N/D HYDRILL. R/U FLOOR. PULL HANGER. SDFN. CSG OPEN TO SALES. | |
| 17:30 | 12.50 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. WELL SECURE. | |

5-6D-45 BTR 3/14/2013 06:00 - 3/15/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

| Time Log | | | | | | |
|------------|----------|----------|------|-------------|--|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com | |
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. NOTE D&M FLUSH CSG W/ 70 BBLS @ 6:00 AM. | |
| 07:00 | 1.50 | 08:30 | PULT | Pull Tubing | FINISH POOH W/ 4-3/4 BIT. | |
| 08:30 | 4.50 | 13:00 | RUTB | Run Tubing | RIH W/ 5-1/2, 1/4 TURN RH TAC & BHA. RIH TO TOP OF PERFS. FLUSH CSG W/ 70 BBLS. FINISH RIH. N/D BOP. SET TAC @ 8126'. S/N @ 8191'. EOT @ 8373'. R/U WELLHEAD & ROD EQUIPMENT. 255 JTS 2-7/8 TBG. TAC 1/4 TURN RH. 20K TENSION 2 JT 2-7/8 TBG. S/N. 4' PUP. DESANDER. 5 JTS 2-7/8 TBG. BULL PLUG. | |

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|---|
| 13:00 | 5.00 | 18:00 | RURP | Run Rods & Pump | P/U INSERT PUMP & PRIME. RIH W/ ROD PUMP. SPACE OUT & SEAT PUMP. SDFN. 40' POLISH ROD. PONY. 8'. 94- 1" RODS. WG 4 28- 7/8" RODS. WG 6 54- 7/8" RODS. WG 4 126- 3/4" RODS. WG 4 32- 1" RODS. WG 4 SHEAR SUB. PUMP 25-175-RHBC-30-5-33-36'. |
| 18:00 | 12.00 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. HOLD SAFETY MEETING. |

5-6D-45 BTR 3/15/2013 06:00 - 3/16/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. |
| 07:00 | 0.50 | 07:30 | PTST | Pressure Test | FILL TBG & STROKE TEST PUMP W/ RIG TO 800 PSI, HELD. |
| 07:30 | 3.00 | 10:30 | SRIG | Rig Up/Down | R/D RIG & EQUIPMENT. CLEAN LOCATION. MOL. SDFN |
| 10:30 | 19.50 | 06:00 | CTRL | Crew Travel | CREW TRAVEL. |

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.
1420H626259

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

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

2. Name of Operator **BILL BARRETT CORPORATION** Contact: **VENESSA LANGMACHER**
 E-Mail: **vlangmacher@billbarrettcorp.com**

8. Lease Name and Well No.
5-6D-45 BTR

3. Address **1099 18TH STREET SUITE 2300 DENVER, CO 80202** 3a. Phone No. (include area code)
 Ph: **303-312-8172**

9. API Well No. **43-013-50688**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SWNW 2650FNL 284FWL**
 At top prod interval reported below **SWNW 2102FNL 794FWL**
 At total depth **SWNW 2126FNL 805FWL**

10. Field and Pool, or Exploratory
CEDAR RIM

11. Sec., T., R., M., or Block and Survey or Area **Sec 6 T4S R5W Mer UBM**

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

14. Date Spudded **09/13/2012** 15. Date T.D. Reached **02/02/2013** 16. Date Completed **03/05/2013**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)*
5941 GL

18. Total Depth: MD **8650** TVD **8577** 19. Plug Back T.D.: MD **8550** TVD **8477** 20. Depth Bridge Plug Set: MD **8550** TVD **8477**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
BOREHOLE, TRIPLE COMBO

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

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

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 26.000 | 16.000 COND | 65.0 | 0 | 80 | | | | | |
| 12.250 | 9.625 J-55 | 36.0 | 0 | 2489 | 2489 | 635 | 280 | 0 | |
| 7.875 | 5.500 P-110 | 17.0 | 0 | 8639 | 8639 | 1260 | 437 | 330 | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 8373 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) GREEN RIVER | 6571 | 7370 | 6571 TO 7370 | 0.440 | 183 | OPEN |
| B) WASATCH | 7411 | 8445 | 7411 TO 8445 | 0.440 | 126 | OPEN |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 6571 TO 7370 | SEE ATTACHED STAGES 5-7 |
| 7411 TO 8445 | SEE ATTACHED STAGES 1-4 |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 03/05/2013 | 03/06/2013 | 24 | ▶ | 225.0 | 79.0 | 484.0 | 52.0 | | FLOWS FROM WELL |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 20/64 | 0 | 200.0 | ▶ | 225 | 79 | 484 | 351 | POW | |

28a. Production - Interval B

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

RECEIVED
APR 04 2013

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. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | | | | | | |

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. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | | | | | | |

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 | 2714 |
| | | | | MAHOGANY | 3415 |
| | | | | TGR3 | 4879 |
| | | | | DOUGLAS CREEK | 5175 |
| | | | | BLACK SHALE | 6568 |
| | | | | CASTLE PEAK | 6827 |
| | | | | UTELAND BUTTE | 7141 |
| | | | | WASATCH | 7372 |

32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. First gas sales were on 3/5/13 and first oil sales were on 3/7/13. Conductor cemented with grout. Attached is treatment data and end of well report.

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 #203336 Verified by the BLM Well Information System.
 For BILL BARRETT CORPORATION, sent to the Vernal**

Name (please print) VENESSA LANGMACHER, Title SENIOR PERMIT ANALYST

Signature *Venessa Langmacher* (Electronic Submission) Date 04/04/2013

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

Bill Barrett Corp

Duchesne County, UT (NAD 1927)
Sec. 6-T4S-R5W (BTR 6-45 PAD)
5-6D-45 BTR - A1

Plan A

Design: Sperry Final Surveys

Sperry Drilling Services Standard Report

19 January, 2013

Well Coordinates: 667,622.29 N, 2,279,392.88 E (40° 09' 43.27" N, 110° 30' 01.09" W)
Ground Level: 5,932.00 ft

| | |
|--------------------------|--|
| Local Coordinate Origin: | Centered on Well 5-6D-45 BTR - Slot A1 |
| Viewing Datum: | KB=23' @ 5955.00ft (Nabors M-22) |
| TVDs to System: | N |
| North Reference: | True |
| Unit System: | API - US Survey Feet - Custom |

Geodetic Scale Factor Applied
Version: 2003.16 Build: 431

HALLIBURTON

SPERRY-SUN DRILLING SERVICES

CERTIFIED SURVEY WORK SHEET

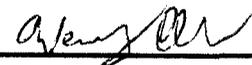
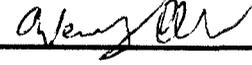
| | |
|----------------------|--------------------|
| OPERATOR: | Bill Barrett Corp. |
| WELL: | 5-6D-45 BTR |
| FIELD: | BTR |
| RIG: | Nabors M22 |
| LEGALS: | Sec. 6-T4S-R5W |
| COUNTY: | Duchesne |
| STATE: | Utah |
| CAL. METHOD: | Min. Curv. |
| MAG. DECL. APPLIED: | 11.37° |
| VERTICAL SEC. DIR. : | 43.24° |

| | |
|---------------------------|---------------|
| SSDS Job Number : | 9829052 |
| Start Date of Job : | 10/20/2012 |
| End Date of Job : | 10/31/2010 |
| Lead Directional Driller: | Paul St. Onge |
| | Wesley Cline |
| Other SSDS DD's : | |
| SSDS MWD Engineers : | Freddy Hale |
| | J.T. Smith |
| | 0 |

Geo Pilot Engineer :

| | Main Hole =====> | 1st Side Track =====> | 2nd Side Track =====> | 3rd Side Track =====> | 4th Side Track =====> |
|------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Surface Casing | 82' | Tie-on | Tie On | Tie On | Tie On |
| First Wireline Survey | | SS | MWD | | |
| Last Wireline Survey | | SS | | | |
| | | | | | |
| KOP Depth/Sidetrack MD | | KOP | KOP-ST1 | KOP-ST2 | KOP-ST3 |
| MWD Tie-on | | | | | KOP-ST4 |
| | | | | | |
| First MWD Survey Depth | 145' | MWD | MWD | MWD | MWD |
| Last MWD Survey Depth | 8588' | MWD | MWD | MWD | MWD |
| Bit Extrapolation @ TD | 8650' | T.D. | T.D. | T.D. | T.D. |

The following Sperry Drilling Services personnel, certify the above survey information to be accurate to the best of our knowledge:

| | | |
|---|---|----------------|
| Print Name : Paul St. Onge | Print Name : Wesley Cline | Print Name : 0 |
| Sign Name :  | Sign Name :  | Sign Name : |
| Print Name : Freddy Hale | Print Name : J.T. Smith | Print Name : 0 |
| Sign Name :  | Sign Name :  | Sign Name : |

| | |
|---------------------------|---|
| Examples of Survey Types: | TieOn Tie On to Surface Casing (Assumed Vertical), Tie On to existing MWD Survey (prior drilled hole) |
| MWD | Sperry-Sun Drilling Services (SSDS) Measurement While Drilling (MWD) Survey's |
| ESS | Sperry-Sun Drilling Services (SSDS) Electronic Survey System (ESS) Survey's |
| Gyro | Gyro Survey's ; Provided by third party vendor, or by Sperry-Sun Drilling Services (SSDS) |
| SS | Single Shot (SS) Survey's ; Provided by Sperry-Sun Drilling Services (SSDS) or third party vendor. |

HALLIBURTON**Design Report for 5-6D-45 BTR - Sperry Final Surveys**

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|
| 0.00 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145.00 | 0.30 | 325.870 | 145.00 | 0.31 | -0.21 | 0.08 | 0.21 |
| First Sperry MWD Survey @ 145.00' MD | | | | | | | |
| 208.00 | 0.44 | 311.300 | 208.00 | 0.61 | -0.49 | 0.11 | 0.27 |
| 270.00 | 0.50 | 301.380 | 270.00 | 0.91 | -0.90 | 0.05 | 0.16 |
| 332.00 | 0.47 | 310.400 | 331.99 | 1.21 | -1.32 | -0.02 | 0.13 |
| 394.00 | 0.59 | 350.690 | 393.99 | 1.69 | -1.57 | 0.16 | 0.62 |
| 455.00 | 0.56 | 7.360 | 454.99 | 2.30 | -1.58 | 0.59 | 0.28 |
| 516.00 | 0.46 | 0.600 | 515.99 | 2.84 | -1.54 | 1.01 | 0.19 |
| 578.00 | 0.41 | 20.780 | 577.98 | 3.30 | -1.46 | 1.40 | 0.26 |
| 639.00 | 0.45 | 27.010 | 638.98 | 3.71 | -1.27 | 1.83 | 0.10 |
| 701.00 | 0.25 | 325.940 | 700.98 | 4.04 | -1.24 | 2.10 | 0.64 |
| 762.00 | 0.24 | 251.970 | 761.98 | 4.11 | -1.43 | 2.02 | 0.48 |
| 824.00 | 0.24 | 221.490 | 823.98 | 3.98 | -1.64 | 1.77 | 0.20 |
| 888.00 | 0.27 | 320.230 | 887.98 | 3.99 | -1.83 | 1.66 | 0.61 |
| 951.00 | 0.67 | 5.480 | 950.98 | 4.47 | -1.89 | 1.97 | 0.82 |
| 1,014.00 | 0.91 | 13.090 | 1,013.97 | 5.33 | -1.74 | 2.69 | 0.41 |
| 1,077.00 | 1.16 | 27.190 | 1,076.96 | 6.38 | -1.33 | 3.73 | 0.56 |
| 1,141.00 | 1.50 | 26.850 | 1,140.94 | 7.70 | -0.66 | 5.16 | 0.53 |
| 1,204.00 | 1.85 | 30.310 | 1,203.92 | 9.32 | 0.23 | 6.94 | 0.58 |
| 1,267.00 | 2.32 | 30.640 | 1,266.88 | 11.29 | 1.39 | 9.18 | 0.75 |
| 1,331.00 | 2.68 | 32.320 | 1,330.81 | 13.67 | 2.85 | 11.91 | 0.57 |
| 1,394.00 | 2.97 | 34.220 | 1,393.74 | 16.27 | 4.55 | 14.97 | 0.48 |
| 1,457.00 | 3.15 | 31.190 | 1,456.65 | 19.10 | 6.37 | 18.28 | 0.38 |
| 1,520.00 | 3.30 | 28.820 | 1,519.55 | 22.17 | 8.14 | 21.72 | 0.32 |
| 1,584.00 | 3.87 | 33.010 | 1,583.42 | 25.59 | 10.20 | 25.63 | 0.98 |
| 1,647.00 | 4.95 | 34.070 | 1,646.24 | 29.63 | 12.89 | 30.41 | 1.72 |
| 1,710.00 | 5.36 | 37.160 | 1,708.98 | 34.22 | 16.19 | 36.02 | 0.79 |
| 1,773.00 | 5.24 | 41.030 | 1,771.71 | 38.74 | 19.85 | 41.82 | 0.60 |
| 1,837.00 | 5.46 | 41.570 | 1,835.43 | 43.22 | 23.79 | 47.78 | 0.35 |
| 1,900.00 | 6.37 | 40.710 | 1,898.10 | 48.11 | 28.06 | 54.27 | 1.45 |
| 1,963.00 | 7.54 | 39.740 | 1,960.63 | 53.94 | 32.98 | 61.89 | 1.87 |
| 2,027.00 | 8.29 | 38.470 | 2,024.02 | 60.78 | 38.54 | 70.68 | 1.20 |
| 2,090.00 | 9.18 | 42.060 | 2,086.29 | 68.07 | 44.73 | 80.23 | 1.66 |
| 2,152.00 | 10.13 | 43.730 | 2,147.41 | 75.68 | 51.81 | 90.63 | 1.60 |
| 2,216.00 | 10.51 | 41.840 | 2,210.38 | 84.10 | 59.59 | 102.09 | 0.80 |
| 2,279.00 | 10.31 | 40.710 | 2,272.34 | 92.65 | 67.10 | 113.46 | 0.45 |
| 2,342.00 | 9.76 | 40.710 | 2,334.38 | 100.97 | 74.26 | 124.43 | 0.87 |
| 2,405.00 | 10.12 | 40.640 | 2,396.43 | 109.22 | 81.35 | 135.30 | 0.57 |
| 2,504.00 | 10.86 | 45.280 | 2,493.78 | 122.38 | 93.64 | 153.31 | 1.13 |
| 2,568.00 | 8.98 | 45.480 | 2,556.82 | 130.13 | 101.49 | 164.32 | 2.94 |
| 2,631.00 | 9.06 | 53.770 | 2,619.04 | 136.51 | 109.00 | 174.11 | 2.07 |
| 2,694.00 | 11.02 | 57.220 | 2,681.07 | 142.70 | 118.06 | 184.83 | 3.25 |
| 2,758.00 | 12.99 | 57.640 | 2,743.67 | 149.86 | 129.28 | 197.74 | 3.08 |
| 2,821.00 | 13.91 | 53.110 | 2,804.94 | 158.20 | 141.32 | 212.06 | 2.22 |
| 2,884.00 | 14.36 | 48.240 | 2,866.04 | 167.95 | 153.20 | 227.30 | 2.02 |
| 2,947.00 | 14.16 | 43.850 | 2,927.10 | 178.71 | 164.37 | 242.79 | 1.75 |
| 3,010.00 | 13.76 | 42.060 | 2,988.24 | 189.83 | 174.73 | 257.99 | 0.93 |
| 3,074.00 | 13.57 | 42.840 | 3,050.43 | 200.98 | 184.93 | 273.10 | 0.41 |
| 3,137.00 | 13.76 | 44.680 | 3,111.64 | 211.73 | 195.23 | 287.98 | 0.75 |

HALLIBURTON**Design Report for 5-6D-45 BTR - Sperry Final Surveys**

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|
| 3,200.00 | 13.22 | 43.880 | 3,172.91 | 222.25 | 205.49 | 302.68 | 0.91 |
| 3,264.00 | 13.39 | 45.230 | 3,235.19 | 232.74 | 215.82 | 317.40 | 0.55 |
| 3,327.00 | 13.37 | 49.020 | 3,296.48 | 242.66 | 226.50 | 331.94 | 1.39 |
| 3,390.00 | 14.44 | 45.700 | 3,357.63 | 252.92 | 237.62 | 347.03 | 2.12 |
| 3,454.00 | 15.30 | 44.380 | 3,419.49 | 264.53 | 249.24 | 363.45 | 1.44 |
| 3,517.00 | 14.26 | 44.900 | 3,480.40 | 275.97 | 260.53 | 379.52 | 1.66 |
| 3,580.00 | 13.04 | 45.400 | 3,541.62 | 286.45 | 271.07 | 394.37 | 1.95 |
| 3,644.00 | 13.03 | 43.250 | 3,603.97 | 296.78 | 281.15 | 408.80 | 0.76 |
| 3,707.00 | 13.29 | 41.090 | 3,665.32 | 307.41 | 290.78 | 423.14 | 0.88 |
| 3,770.00 | 14.13 | 39.970 | 3,726.52 | 318.76 | 300.48 | 438.06 | 1.40 |
| 3,833.00 | 12.91 | 38.340 | 3,787.78 | 330.17 | 309.78 | 452.75 | 2.03 |
| 3,896.00 | 12.06 | 39.250 | 3,849.29 | 340.79 | 318.31 | 466.32 | 1.38 |
| 3,960.00 | 12.30 | 40.330 | 3,911.85 | 351.17 | 326.95 | 479.80 | 0.52 |
| 4,023.00 | 12.65 | 39.380 | 3,973.36 | 361.61 | 335.67 | 493.39 | 0.64 |
| 4,086.00 | 13.00 | 33.850 | 4,034.79 | 372.83 | 344.00 | 507.26 | 2.03 |
| 4,150.00 | 13.01 | 31.180 | 4,097.15 | 384.97 | 351.74 | 521.41 | 0.94 |
| 4,211.00 | 12.55 | 30.640 | 4,156.64 | 396.55 | 358.67 | 534.59 | 0.78 |
| 4,275.00 | 11.86 | 29.040 | 4,219.19 | 408.28 | 365.41 | 547.75 | 1.20 |
| 4,338.00 | 11.05 | 28.630 | 4,280.94 | 419.24 | 371.44 | 559.87 | 1.29 |
| 4,401.00 | 10.11 | 30.860 | 4,342.86 | 429.29 | 377.17 | 571.12 | 1.63 |
| 4,465.00 | 9.35 | 33.820 | 4,405.94 | 438.43 | 382.95 | 581.73 | 1.42 |
| 4,528.00 | 8.96 | 35.230 | 4,468.14 | 446.69 | 388.62 | 591.64 | 0.71 |
| 4,591.00 | 9.00 | 40.170 | 4,530.37 | 454.46 | 394.63 | 601.42 | 1.23 |
| 4,654.00 | 8.60 | 46.860 | 4,592.63 | 461.45 | 401.25 | 611.04 | 1.74 |
| 4,717.00 | 8.20 | 50.530 | 4,654.95 | 467.52 | 408.15 | 620.20 | 1.06 |
| 4,781.00 | 8.09 | 57.130 | 4,718.31 | 472.87 | 415.46 | 629.10 | 1.47 |
| 4,844.00 | 8.27 | 59.230 | 4,780.67 | 477.59 | 423.08 | 637.75 | 0.55 |
| 4,908.00 | 9.70 | 58.050 | 4,843.88 | 482.80 | 431.61 | 647.39 | 2.25 |
| 4,971.00 | 9.96 | 52.830 | 4,905.96 | 488.90 | 440.45 | 657.90 | 1.47 |
| 5,034.00 | 11.11 | 48.510 | 4,967.90 | 496.22 | 449.34 | 669.31 | 2.21 |
| 5,097.00 | 10.40 | 47.930 | 5,029.79 | 504.05 | 458.11 | 681.02 | 1.14 |
| 5,161.00 | 9.83 | 43.080 | 5,092.80 | 511.91 | 466.13 | 692.24 | 1.60 |
| 5,224.00 | 9.03 | 44.970 | 5,154.94 | 519.33 | 473.30 | 702.56 | 1.36 |
| 5,287.00 | 7.94 | 50.350 | 5,217.25 | 525.61 | 480.14 | 711.82 | 2.14 |
| 5,351.00 | 7.10 | 53.370 | 5,280.70 | 530.79 | 486.72 | 720.10 | 1.45 |
| 5,414.00 | 7.22 | 55.700 | 5,343.21 | 535.34 | 493.11 | 727.80 | 0.50 |
| 5,477.00 | 6.80 | 48.000 | 5,405.74 | 540.07 | 499.16 | 735.38 | 1.63 |
| 5,540.00 | 6.27 | 44.040 | 5,468.33 | 545.04 | 504.32 | 742.54 | 1.10 |
| 5,604.00 | 4.25 | 43.720 | 5,532.06 | 549.26 | 508.39 | 748.41 | 3.16 |
| 5,667.00 | 2.76 | 44.390 | 5,594.94 | 552.04 | 511.06 | 752.26 | 2.37 |
| 5,730.00 | 1.56 | 53.230 | 5,657.90 | 553.63 | 512.81 | 754.62 | 1.97 |
| 5,793.00 | 0.56 | 83.820 | 5,720.88 | 554.18 | 513.80 | 755.70 | 1.77 |
| 5,857.00 | 0.54 | 184.360 | 5,784.88 | 553.91 | 514.09 | 755.70 | 1.32 |
| 5,920.00 | 1.13 | 201.960 | 5,847.88 | 553.04 | 513.84 | 754.89 | 1.01 |
| 5,981.00 | 0.98 | 228.900 | 5,908.87 | 552.14 | 513.22 | 753.81 | 0.84 |
| 6,043.00 | 0.77 | 242.810 | 5,970.86 | 551.60 | 512.45 | 752.89 | 0.48 |
| 6,106.00 | 1.05 | 229.270 | 6,033.85 | 551.03 | 511.63 | 751.92 | 0.56 |
| 6,169.00 | 0.14 | 225.990 | 6,096.85 | 550.60 | 511.14 | 751.27 | 1.44 |
| 6,233.00 | 0.49 | 222.020 | 6,160.85 | 550.34 | 510.90 | 750.92 | 0.55 |
| 6,296.00 | 1.28 | 221.350 | 6,223.84 | 549.61 | 510.26 | 749.94 | 1.25 |
| 6,359.00 | 1.05 | 207.290 | 6,286.82 | 548.57 | 509.53 | 748.69 | 0.58 |

HALLIBURTON**Design Report for 5-6D-45 BTR - Sperry Final Surveys**

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|
| 6,421.00 | 1.02 | 180.860 | 6,348.81 | 547.52 | 509.26 | 747.73 | 0.76 |
| 6,484.00 | 0.91 | 188.040 | 6,411.81 | 546.46 | 509.18 | 746.91 | 0.26 |
| 6,548.00 | 1.41 | 21.350 | 6,475.80 | 546.69 | 509.40 | 747.22 | 3.60 |
| 6,611.00 | 1.93 | 33.310 | 6,538.77 | 548.30 | 510.26 | 748.99 | 0.99 |
| 6,674.00 | 1.51 | 22.250 | 6,601.75 | 549.95 | 511.16 | 750.81 | 0.85 |
| 6,737.00 | 1.45 | 10.050 | 6,664.72 | 551.51 | 511.61 | 752.25 | 0.51 |
| 6,800.00 | 0.93 | 22.420 | 6,727.71 | 552.76 | 511.94 | 753.40 | 0.92 |
| 6,864.00 | 0.44 | 180.880 | 6,791.71 | 553.00 | 512.14 | 753.70 | 2.11 |
| 6,927.00 | 1.67 | 197.310 | 6,854.70 | 551.88 | 511.86 | 752.69 | 1.99 |
| 6,990.00 | 2.18 | 184.410 | 6,917.66 | 549.81 | 511.50 | 750.94 | 1.06 |
| 7,052.00 | 2.04 | 158.830 | 6,979.62 | 547.61 | 511.80 | 749.54 | 1.52 |
| 7,114.00 | 1.62 | 130.150 | 7,041.59 | 546.01 | 512.87 | 749.11 | 1.60 |
| 7,177.00 | 1.10 | 103.880 | 7,104.57 | 545.29 | 514.14 | 749.46 | 1.27 |
| 7,240.00 | 0.33 | 119.020 | 7,167.57 | 545.06 | 514.89 | 749.80 | 1.25 |
| 7,304.00 | 0.29 | 141.900 | 7,231.57 | 544.84 | 515.15 | 749.82 | 0.20 |
| 7,367.00 | 0.45 | 112.250 | 7,294.57 | 544.62 | 515.48 | 749.88 | 0.39 |
| 7,430.00 | 0.87 | 84.990 | 7,357.56 | 544.57 | 516.18 | 750.33 | 0.81 |
| 7,493.00 | 1.04 | 95.180 | 7,420.55 | 544.56 | 517.23 | 751.04 | 0.38 |
| 7,557.00 | 1.07 | 151.430 | 7,484.54 | 543.98 | 518.09 | 751.21 | 1.55 |
| 7,620.00 | 1.33 | 171.930 | 7,547.53 | 542.74 | 518.47 | 750.57 | 0.79 |
| 7,683.00 | 1.62 | 177.900 | 7,610.51 | 541.13 | 518.61 | 749.48 | 0.52 |
| 7,746.00 | 2.15 | 189.620 | 7,673.47 | 539.07 | 518.45 | 747.87 | 1.04 |
| 7,810.00 | 1.98 | 190.240 | 7,737.43 | 536.80 | 518.05 | 745.95 | 0.27 |
| 7,873.00 | 1.37 | 156.820 | 7,800.41 | 535.04 | 518.15 | 744.73 | 1.79 |
| 7,936.00 | 1.72 | 129.400 | 7,863.39 | 533.75 | 519.18 | 744.49 | 1.28 |
| 7,999.00 | 1.99 | 102.710 | 7,926.35 | 532.91 | 520.98 | 745.11 | 1.42 |
| 8,063.00 | 1.61 | 70.900 | 7,990.32 | 532.96 | 522.91 | 746.47 | 1.64 |
| 8,126.00 | 1.11 | 51.670 | 8,053.31 | 533.62 | 524.22 | 747.86 | 1.06 |
| 8,189.00 | 0.61 | 79.450 | 8,116.30 | 534.06 | 525.03 | 748.74 | 1.01 |
| 8,252.00 | 0.48 | 124.560 | 8,179.30 | 533.98 | 525.58 | 749.05 | 0.69 |
| 8,316.00 | 0.67 | 187.320 | 8,243.29 | 533.45 | 525.75 | 748.78 | 0.97 |
| 8,379.00 | 1.15 | 207.350 | 8,306.29 | 532.53 | 525.42 | 747.88 | 0.90 |
| 8,442.00 | 1.63 | 203.820 | 8,369.27 | 531.14 | 524.76 | 746.42 | 0.77 |
| 8,506.00 | 1.84 | 204.810 | 8,433.24 | 529.38 | 523.96 | 744.59 | 0.33 |
| 8,569.00 | 2.06 | 206.190 | 8,496.20 | 527.44 | 523.04 | 742.55 | 0.36 |
| 8,588.00 | 2.21 | 206.120 | 8,515.19 | 526.81 | 522.73 | 741.87 | 0.79 |
| Last Sperry MWD Survey @ 8588.00' MD | | | | | | | |
| 8,650.00 | 2.21 | 206.120 | 8,577.14 | 524.66 | 521.68 | 739.59 | 0.00 |
| Straight Line Projection to TD @ 8650.00' MD | | | | | | | |

Design Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|--|
| | | +N/-S (ft) | +E/-W (ft) | |
| 145.00 | 145.00 | 0.31 | -0.21 | First Sperry MWD Survey @ 145.00' MD |
| 8,588.00 | 8,515.19 | 526.81 | 522.73 | Last Sperry MWD Survey @ 8588.00' MD |
| 8,650.00 | 8,577.14 | 524.66 | 521.68 | Straight Line Projection to TD @ 8650.00' MD |

HALLIBURTON

Design Report for 5-6D-45 BTR - Sperry Final Surveys

Vertical Section Information

| Angle Type | Target | Azimuth (°) | Origin Type | Origin +N/_S (ft) | Origin +E/-W (ft) | Start TVD (ft) |
|------------|----------------------------------|-------------|-------------|-------------------|-------------------|----------------|
| Target | 5-6D-45 BTR_PlanA - Rev0_BHL Tgt | 43.237 | Slot | 0.00 | 0.00 | 0.00 |

Survey tool program

| From (ft) | To (ft) | Survey/Plan | Survey Tool |
|-----------|----------|--------------------------|-------------|
| 0.01 | 8,650.00 | Sperry MWD Final 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 |
|--|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-------------------|
| 5-6D-45 BTR_Sec.1 - actual wellpath hits target center - Polygon | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 667,622.29 | 2,279,392.88 | 40° 9' 43.268 N | 110° 30' 1.091 W |
| Point 1 | | | | -943.00 | 1,974.00 | 669,585.46 | 2,278,427.95 | | |
| Point 2 | | | | -943.00 | -2,005.00 | 665,607.05 | 2,278,472.42 | | |
| Point 3 | | | | -4,922.00 | -1,993.00 | 665,574.58 | 2,274,493.87 | | |
| Point 4 | | | | -4,922.00 | 1,992.00 | 669,558.99 | 2,274,449.34 | | |
| Point 5 | | | | -943.00 | 1,974.00 | 669,585.46 | 2,278,427.95 | | |
| 5-6D-45 BTR_Sec. 1 - actual wellpath hits target center - Polygon | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 667,622.29 | 2,279,392.88 | 40° 9' 43.268 N | 110° 30' 1.091 W |
| Point 1 | | | | -283.00 | 2,634.00 | 670,252.74 | 2,279,080.48 | | |
| Point 2 | | | | -283.00 | -2,665.00 | 664,954.52 | 2,279,139.70 | | |
| Point 3 | | | | -5,582.00 | -2,653.00 | 664,907.30 | 2,273,841.35 | | |
| Point 4 | | | | -5,582.00 | 2,652.00 | 670,211.52 | 2,273,782.06 | | |
| Point 5 | | | | -283.00 | 2,634.00 | 670,252.74 | 2,279,080.48 | | |
| 5-6D-45 BTR_PlanA - actual wellpath misses target center by 22.81ft at 8527.18ft MD (8454.41 TVD, 528.75 N, 523.67 E) - Point | 0.00 | 0.00 | 8,455.00 | 550.81 | 517.92 | 668,178.81 | 2,279,904.56 | 40° 9' 48.712 N | 110° 29' 54.420 W |
| 5-6D-45 BTR_PlanA - actual wellpath misses target center by 5.98ft at 6082.07ft MD (6009.93 TVD, 551.29 N, 511.96 E) - Rectangle (sides W200.00 H200.00 D2,445.00) | 0.00 | 0.00 | 6,010.00 | 550.81 | 517.92 | 668,178.81 | 2,279,904.56 | 40° 9' 48.712 N | 110° 29' 54.420 W |

HALLIBURTON

North Reference Sheet for Sec. 6-T4S-R5W (BTR 6-45 PAD) - 5-6D-45 BTR - Plan A

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

Vertical Depths are relative to KB=23' @ 5955.00ft (Nabors M-22). Northing and Easting are relative to 5-6D-45 BTR - Slot A1

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: 0.99991508

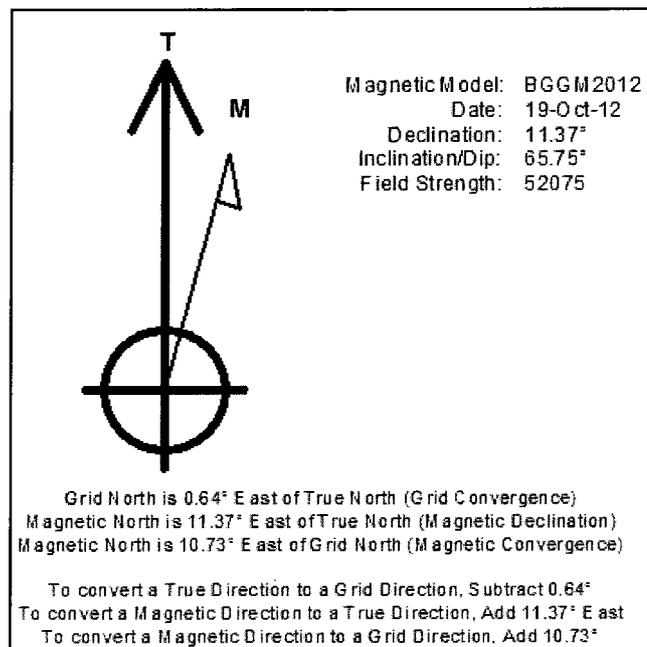
Grid Coordinates of Well: 667,622.29 ft N, 2,279,392.88 ft E

Geographical Coordinates of Well: 40° 09' 43.27" N, 110° 30' 01.09" W

Grid Convergence at Surface is: 0.64°

Based upon Minimum Curvature type calculations, at a Measured Depth of 8,650.00ft the Bottom Hole Displacement is 739.88ft in the Direction of 44.84° (True).

Magnetic Convergence at surface is: -10.73° (19 October 2012, , BGGM2012)

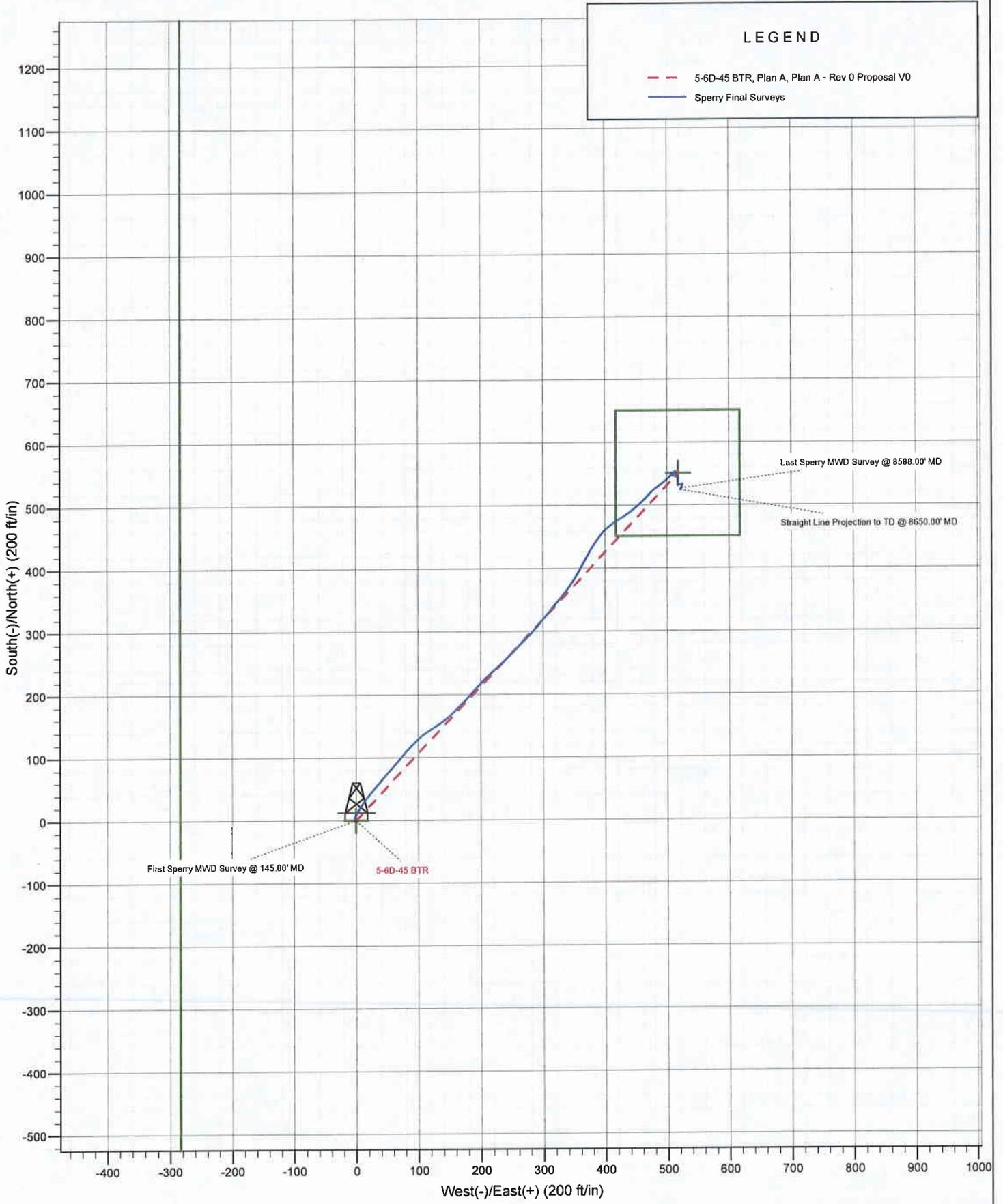


Project: Duchesne County, UT (NAD 1927)
Site: Sec. 6-T4S-R5W (BTR 6-45 PAD)
Well: 5-6D-45 BTR

Bill Barrett Corp

HALLIBURTON

Sperry Drilling

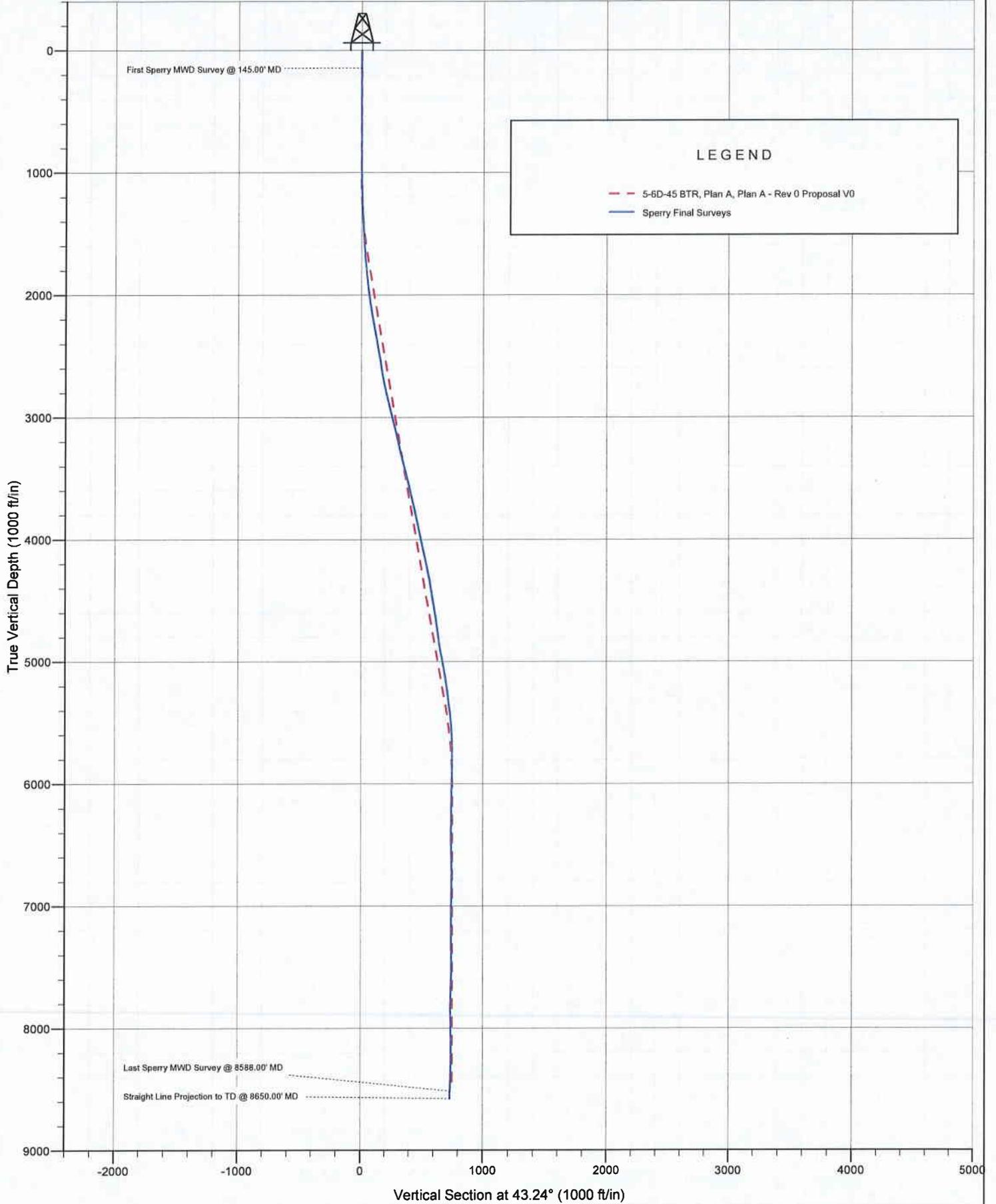


Project: Duchesne County, UT (NAD 1927)
Site: Sec. 6-T4S-R5W (BTR 6-45 PAD)
Well: 5-6D-45 BTR

Bill Barrett Corp

HALLIBURTON

Sperry Drilling



5-6D-45 BTR Completion Report Continued*

| 44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.) | | | |
|--|--------------------------|-------------------------------|------------------------------------|
| AMOUNT AND TYPE OF MATERIAL | | | |
| <i>Stage</i> | <i>BBS Slurry</i> | <i>gal 15% FE Acid</i> | <i>lbs 20/40 White Sand</i> |
| 1 | 1263 | | 140,400 |
| 2 | 1365 | | 150,300 |
| 3 | 1360 | | 150,300 |
| 4 | 1335 | | 142,300 |
| 5 | 360 | 15,130 with 90 Balls | |
| 6 | 358 | 15,044 with 90 Balls | |
| 7 | 358 | 15,052 with 90 Balls | |

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



Bill Barrett Corporation

5-6D-45 BTR 10/17/2012 06:00 - 10/18/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 12.00 | 18:00 | 1 | RIGUP & TEARDOWN | Rigging down, 6 trucks @ 1200 hrs begin moving pipe etc. |
| 18:00 | 12.00 | 06:00 | 1 | RIGUP & TEARDOWN | Rigging down, Prep'g for cranes to rig down derrick and sub. |

5-6D-45 BTR 10/18/2012 06:00 - 10/19/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|---|
| 06:00 | 12.00 | 18:00 | 1 | RIGUP & TEARDOWN | Rigging down and moving off. Intermediate cylinder on substructure bad. Remove and wait on replacement. All other equipment moved. New cylinder arrived @ 1700 hrs. Install and lower substructure. |

5-6D-45 BTR 10/19/2012 06:00 - 10/20/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|---|
| 06:00 | 12.00 | 18:00 | 1 | RIGUP & TEARDOWN | Moving on, set sub and put derrick together. Set in most of rig |
| 18:00 | 12.00 | 06:00 | 1 | RIGUP & TEARDOWN | Shut down for night. |

5-6D-45 BTR 10/20/2012 06:00 - 10/21/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 24.00 | 06:00 | 1 | RIGUP & TEARDOWN | Finish prep'g to raise derrick, Raise derrick and continue rig up. Extend slides on shale shakers etc. |

5-6D-45 BTR 10/21/2012 06:00 - 10/22/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|---|
| 06:00 | | 06:00 | 1 | RIGUP & TEARDOWN | Installed flowline, scoped derrick, Finished rig up |
| 06:00 | | 06:00 | 2 | DRILL ACTUAL | Pickup 12 1/4" MD716. On daywork @ 1900 hrs. Spud well @ 2200 hrs. Drlg to 277' |

5-6D-45 BTR 10/22/2012 06:00 - 10/23/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 1.00 | 07:00 | 2 | DRILL ACTUAL | Drig, picking up drill collars 277-308' |
| 07:00 | 1.00 | 08:00 | 8 | REPAIR RIG | Rig repair. |
| 08:00 | 7.50 | 15:30 | 2 | DRILL ACTUAL | Drig 308-893'. 555' in 7.5 hrs 74 fph. Survey @ 824' .24* inc 221.49* azi. MW 8.6#/gal 36 vis. |
| 15:30 | 0.50 | 16:00 | 7 | LUBRICATE RIG | Rig service |
| 16:00 | 13.50 | 05:30 | 2 | DRILL ACTUAL | Drig 863-1812'. 949' in 13.5 hrs 70.3 fph. Begin build @ 1000' Survey @ 1584' 3.87* inc 33.01 azi. MW 8.9#/gal 36 vis. |
| 05:30 | 0.50 | 06:00 | 7 | LUBRICATE RIG | Rig service |

5-6D-45 BTR 10/23/2012 06:00 - 10/24/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|-----------------|--|
| 06:00 | 6.50 | 12:30 | 2 | DRILL ACTUAL | Drig 1812-2191'. 379' in 6.5 hrs 58 fph. Survey @ 2152 10.12* inc 43.73* azi. MW9#/gal 35 vis. |
| 12:30 | 0.50 | 13:00 | 7 | LUBRICATE RIG | Rig service |
| 13:00 | 5.00 | 18:00 | 2 | DRILL ACTUAL | Drig 2191-2495'. 304' in 5 hrs 61 fph. Survey @2405 10.12* inc 41.58* azi. MW 8.9#/gal 35 vis. |
| 18:00 | 1.50 | 19:30 | 5 | COND MUD & CIRC | Pump sweep and circulate clean |



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Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|--|
| 19:30 | 2.50 | 22:00 | 6 | TRIPS | TOH for casing. TOH trip was smooth |
| 22:00 | 1.50 | 23:30 | 20 | DIRECTIONAL WORK | Laydown 8" dir tools. |
| 23:30 | 6.50 | 06:00 | 12 | RUN CASING & CEMENT | Rig up csg crew and run 57 jts 9 5/8" 36# J55 csg with 1 jt shoe track. Rig up HES to cmt. |

5-6D-45 BTR 10/24/2012 06:00 - 10/25/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|--|
| 06:00 | 5.50 | 11:30 | 12 | RUN CASING & CEMENT | Rig up HES, HSM, Cement as follows; Pump 3 bbls water, Pressure test to 5K, Pump 20 bbl water spacer, 40 bbl super flush, 20 bbl spacer then 225 bbls (400sks) 11# Halcem lead cmt, 35 bbls (235 sks) 14.8# Premium G cmt. Drop plug and displace with 187 bbls water. Bump plug to 1100#, 500 over final pumping pressure. Had returns throughout job. Run 100' 1" down annulus. Top out with 100 sks G with 2% cal |
| 11:30 | 5.00 | 16:30 | 13 | WAIT ON CEMENT | Wait on cmt. |
| 16:30 | 5.50 | 22:00 | 14 | NIPPLE UP B.O.P | Cut csg, weld on csg head. |
| 22:00 | 5.00 | 03:00 | 15 | TEST B.O.P | Test BOP, tested upper & lower Kelly valves, safety valve, inside BOP, Pipe rams, blind rams, HCR valve, kill line valves, choke line valves and manifold to 5k high and 250# Low Test annular to 2500 and csg to 1500# and pow3er choke to 500# all tested good. |
| 03:00 | 0.50 | 03:30 | 6 | TRIPS | Install wear bushing |
| 03:30 | 2.00 | 05:30 | 20 | DIRECTIONAL WORK | P/U Dir equipment and orient. |
| 05:30 | 0.50 | 06:00 | 6 | TRIPS | TIH |

5-6D-45 BTR 10/25/2012 06:00 - 10/26/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|----------------------|---|
| 06:00 | 1.50 | 07:30 | 6 | TRIPS | Finish TIH. Install rot rubber. |
| 07:30 | 2.00 | 09:30 | 21 | Drill Cmt, Flt Equip | Drill cmt & flt equip. Cmt @ 2400', FC @ 2438', FS @ 2483'. Drill 20' new hole to 2515'. |
| 09:30 | 0.50 | 10:00 | 21 | F.I.T. | F.I.T. to 209 psi f/10.5 EMW. |
| 10:00 | 5.50 | 15:30 | 2 | DRILL ACTUAL | Drill/Slide 2515' - 2946'. Wob 10-20k, rpm 45/82, spp 1750 psi, dp 200 psi, rop 78 fph. |
| 15:30 | 0.50 | 16:00 | 7 | LUBRICATE RIG | Rig Service. |
| 16:00 | 14.00 | 06:00 | 2 | DRILL ACTUAL | Drill/Slide 2946' - 3990'. Wob 10-20k, rpm 50/82, spp 1950 psi, dp 200 psi, rop 75 fph. BOP Drill both tours. |

5-6D-45 BTR 10/26/2012 06:00 - 10/27/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 11.50 | 17:30 | 2 | DRILL ACTUAL | Drill/Slide 3990' - 4653'. Wob 15-20k, rpm 40-50/69, gpm 460, spp 1600 psi, dp 150 psi, rop 58 fph. Lost approx 150 bbls mud, healed losses w/high lcm sweeps. |
| 17:30 | 0.50 | 18:00 | 7 | LUBRICATE RIG | Rig Service. |
| 18:00 | 11.50 | 05:30 | 2 | DRILL ACTUAL | Drill/Slide 4653' - 5128'. Wob 15-20k, rpm 40-50/75, gpm 500, spp 1800 psi, dp 150 psi, rop 41 fph. Lost approx 100 bbls mud, healed losses w/high lcm sweeps. |
| 05:30 | 0.50 | 06:00 | 7 | LUBRICATE RIG | Rig Service. |

5-6D-45 BTR 10/27/2012 06:00 - 10/28/2012 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 10.00 | 16:00 | 2 | DRILL ACTUAL | Drill/Slide 5128' - 5697'. Wob 20k, rpm 45-60/75, 500 gpm, spp 1850 psi, dp 200 psi, rop 57 fph. |
| 16:00 | 0.50 | 16:30 | 7 | LUBRICATE RIG | Rig Service. |
| 16:30 | 13.00 | 05:30 | 2 | DRILL ACTUAL | Drill/Slide 5697' - 6263'. Wob 20k, rpm 45-60/75, 500 gpm, spp 1850 psi, dp 200 psi, rop 44 fph. |



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Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--------------|
| 05:30 | 0.50 | 06:00 | 7 | LUBRICATE RIG | Rig Service. |

5-6D-45 BTR 10/28/2012 06:00 - 10/29/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 10.00 | 16:00 | 2 | DRILL ACTUAL | Drill/Slide 6263' - 6831'. Wob 20k, rpm 45-65/81, gpm 540, spp 2350 psi, dp 250 psi, rop 57 fph. |
| 16:00 | 0.50 | 16:30 | 7 | LUBRICATE RIG | Rig Service. |
| 16:30 | 11.00 | 03:30 | 2 | DRILL ACTUAL | Drill/Slide 6831' - 7302'. Wob 20k, rpm 45-65/81, gpm 540, spp 2350 psi, dp 250 psi, rop 43 fph. |
| 03:30 | 0.50 | 04:00 | 7 | LUBRICATE RIG | Rig Service. |
| 04:00 | 2.00 | 06:00 | 2 | DRILL ACTUAL | Drill/Slide 7302' - 7397'. Wob 20k, rpm 45-65/81, gpm 540, spp 2450 psi, dp 250 psi, rop 48 fph. |

5-6D-45 BTR 10/29/2012 06:00 - 10/30/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 3.50 | 09:30 | 2 | DRILL ACTUAL | Drill/Slide 7397' - 7587'. Wob 20k, rpm 59/82, gpm 540, spp 2450 psi, dp 200 psi, rop 54 fph. |
| 09:30 | 0.50 | 10:00 | 7 | LUBRICATE RIG | Rig Service. Function pipe rams. |
| 10:00 | 14.50 | 00:30 | 2 | DRILL ACTUAL | Drill/Slide 7587' - 8252'. Wob 20k, rpm 59/82, gpm 540, spp 2450 psi, dp 200 psi, rop 46 fph. |
| 00:30 | 0.50 | 01:00 | 7 | LUBRICATE RIG | Rig Service. |
| 01:00 | 5.00 | 06:00 | 2 | DRILL ACTUAL | Drill/Slide 8252' - 8441'. Wob 20k, rpm 59/82, gpm 540, spp 2450 psi, dp 200 psi, rop 38 fph. BOP drill both tours. |

5-6D-45 BTR 10/30/2012 06:00 - 10/31/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|-------------------------------|
| 06:00 | 4.00 | 10:00 | 2 | DRILL ACTUAL | Drill 8441' - 8650'. TD Well. |
| 10:00 | 2.00 | 12:00 | 5 | COND MUD & CIRC | Pump Sweep, C&C f/ST. |
| 12:00 | 9.00 | 21:00 | 6 | TRIPS | Flow check, ST to shoe. |
| 21:00 | 3.00 | 00:00 | 5 | COND MUD & CIRC | Sweep hole, C&C f/logs. |
| 00:00 | 4.50 | 04:30 | 6 | TRIPS | Toh f/logs. |
| 04:30 | 1.50 | 06:00 | 20 | DIRECTIONAL WORK | L/D dir tools. |

5-6D-45 BTR 10/31/2012 06:00 - 11/1/2012 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|---|
| 06:00 | 8.50 | 14:30 | 11 | WIRELINE LOGS | HSM. R/U Halliburton & run Spectral density, Dual spaced neutron, OH borehole comp sonic array, Micro spherically focused log, Dual lateral, Gamma in Combo. Hole tight @ 5700', 6000'. |
| 14:30 | 1.50 | 16:00 | 6 | TRIPS | Tih. |
| 16:00 | 1.00 | 17:00 | 9 | CUT OFF DRILL LINE | Slip & cut drill line. |
| 17:00 | 4.00 | 21:00 | 6 | TRIPS | Finish th. Fill pipe @ 2500' 4500', 6500'. |
| 21:00 | 2.00 | 23:00 | 5 | COND MUD & CIRC | C&C f/csg. Sweep hole. |
| 23:00 | 4.00 | 03:00 | 6 | TRIPS | Toh. Pull wear bushing. |
| 03:00 | 3.00 | 06:00 | 12 | RUN CASING & CEMENT | HSM. R/U Tesco, Run 5 1/2" Prod csg. Details on next report. |

5-6D-45 BTR 11/1/2012 06:00 - 11/1/2012 21:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |



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Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|---|
| 06:00 | 8.00 | 14:00 | 12 | RUN CASING & CEMENT | Finish running 5 1/2", 17#, P-110, LT&C csg as follows: FS @ 8639', 2 jts csg, FC @ 8549', 10 jts csg, MJ @ 8094', 16 jts csg, MJ @ 7379', 29 jts csg, MJ @ 6098', 141 jts csg (198 total). Tag 8650' w/jt # 201, l/d jt 201. R/D Tesco. |
| 14:00 | 1.50 | 15:30 | 5 | COND MUD & CIRC | C&C f/cmt.R/U HES. |
| 15:30 | 3.00 | 18:30 | 12 | RUN CASING & CEMENT | HSM. Cement well as follows: Press test lines to 5000 psi. Pump 10 bbls H2O, 40 bbls Superflush, 10 bbls H2O. Mix and pump 304 bbls(735 sx) Lead cmt @ 11 ppg, 2.32 yld, 10.61 bps H2O. Tail in with 133 bbls(525 sx) @ 13.5 ppg, 1.42 yld, 6.65 gps H2O. Displace w/ 198 bbls Clay Web & Algacide water. Partial returns throughout, returned 18 bbls cmt to surface. Max press 1600 psi, bump plug to 2200 psi. Floats held, bled back 2 bbls. R/D HES. |
| 18:30 | 2.50 | 21:00 | 14 | NIPPLE UP B.O.P | NDBOP, Lift same. Set slips on prod csg w/190000 #. Rough cut 5 1/2" csg, install nightcap. Clean pits, Release rig @ 21:00. |

5-6D-45 BTR 2/1/2013 06:00 - 2/2/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 24.00 | 06:00 | IWHD | Install Wellhead | HSM. CHECK PRESSURES. ND NIGHT CAP. NU 7" 5K TBG HEAD. PRES TEST VOID AND SEALS. CONSTRUCTION START SETTING TANKS. |

5-6D-45 BTR 2/2/2013 06:00 - 2/3/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|----------|---|
| 06:00 | 24.00 | 06:00 | LOGG | Logging | HSM. MIRU SLB. RIH W/ 4.5" GR/JB TO TAG PLBT. RIH W/ CBL/CCL/GR/TEMP. DRLG REPORT SHOWS F.C. AT 8550'. TAG FILL AT 8503'. HAVE 47' FILL. SHORT JTS AT 8072'-8096', 7358'-7380', AND 6078'-6100'. CMT BOND SHOWED -- VERY GOOD TD-5770', GOOD 5770'-4800', FAIR 4800'-4200', BAD 4200'-2600', FAIR 2600'-2250', GOOD 2250'-2110', BAD 2110'-400'. TOC 400'. RAN CBL WITH 1000 PSI. RD. |

5-6D-45 BTR 2/3/2013 06:00 - 2/4/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/4/2013 06:00 - 2/5/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/5/2013 06:00 - 2/6/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/6/2013 06:00 - 2/7/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/7/2013 06:00 - 2/8/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | 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 | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/8/2013 06:00 - 2/9/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/9/2013 06:00 - 2/10/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/10/2013 06:00 - 2/11/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/11/2013 06:00 - 2/12/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/12/2013 06:00 - 2/13/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/13/2013 06:00 - 2/14/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/14/2013 06:00 - 2/15/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/15/2013 06:00 - 2/16/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/16/2013 06:00 - 2/17/2013 06:00

| API/UWI | State/Province | County | Field Name | Well Status | Total Depth (ftKB) | Primary Job Type |
|--------------|----------------|----------|------------------|-------------|--------------------|-----------------------|
| 43-013-50688 | UT | Duchesne | Black Tail Ridge | PRODUCING | 8,650.0 | Drilling & Completion |

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |



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5-6D-45 BTR 2/17/2013 06:00 - 2/18/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/18/2013 06:00 - 2/19/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | CHECK PRESSURES. ND NIGHT CAP. NU FRAC MANDREL, NU 5-1/8" 10K FRAC VALVES. PRES TEST CSG AND FRAC VALVES. BATTERY UNDER CONSTRUCTION. |

5-6D-45 BTR 2/19/2013 06:00 - 2/20/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION |

5-6D-45 BTR 2/20/2013 06:00 - 2/21/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|-----------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. |

5-6D-45 BTR 2/21/2013 06:00 - 2/22/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. START MOVING IN AND FILLING FRAC LINE. |

5-6D-45 BTR 2/22/2013 06:00 - 2/23/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. MOVING IN AND FILLING FRAC LINE. |

5-6D-45 BTR 2/23/2013 06:00 - 2/24/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. MOVE IN AND FILLING FRAC LINE. |

5-6D-45 BTR 2/24/2013 06:00 - 2/25/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. MOVE IN AND FILLING FRAC LINE. |

5-6D-45 BTR 2/25/2013 06:00 - 2/26/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | FILLING FRAC LINE. BACKSIDE MANIFOLD IN. RIVER LOAD OUT SET. |



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5-6D-45 BTR 2/26/2013 06:00 - 2/27/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|---|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. FINISH FILLING FRAC LINE. HEAT FRAC LINE. |

5-6D-45 BTR 2/27/2013 06:00 - 2/28/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|---------------------------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | MIRU HES AND START FRAC ON 5H-1-46 UB |

5-6D-45 BTR 2/28/2013 06:00 - 3/1/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | FRAC ON 5H-1-46 UB |

5-6D-45 BTR 3/1/2013 06:00 - 3/2/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--------------------|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | FRAC ON 5H-1-46 TW |

5-6D-45 BTR 3/2/2013 06:00 - 3/3/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|--|
| 06:00 | 10.00 | 16:00 | LOCL | Lock Wellhead & Secure | WSI And Secured |
| 16:00 | 1.50 | 17:30 | SRIG | Rig Up/Down | WireLine MORU From 5H-1-46 BTR. LayDown 4" Lube, P/U 5" Lube. Arm Gun, Rig Up To Well. |
| 17:30 | 1.50 | 19:00 | PFRT | Perforating | RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 10-31-2012 And SLB CBL/CCL Dated 02-02-2013. Found And Correlated To Short Joint At 8,072 - 8,096'. Drop Down To Depth, Perforate Stage 1 CR-4A/CR-4 Zone, 8,193 - 8,445'. 48 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured. |
| 19:00 | 1.50 | 20:30 | GOP | General Operations | Well Turned Over To HES. Finish RU To Well. Prime Up And Pressure Test. Run QA On Fluids. Hold Safety Meeting. |



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Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|---|
| 20:30 | 1.59 | 22:05 | FRAC | Frac. Job | <p>Frac Stage 1. Fluid System: Hybor G 16 Open Well, 119 Psi. ICP. BrokeDown At 9.7 Bpm And 3,924 Psi.. Pump 3900 Gals. 15% HCL And 96 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 60.3 Bpm And 4,368 Psi., Get ISIP, 2,302 Psi.. 0.72 Psi./Ft. F.G.. 37/48 Holes. Con't With SlickWater Pad, 45,150 Gals.. Stage Into Hybor Pad, 69.8 Bpm At 5,029 Psi.. On Perfs, 70.8 Bpm At 3,992 Psi., 11,320 Gals. Stage Into 2.0# 20/40 White Prop, 70.8 Bpm At 4,027 Psi.. On Perfs, 70.7 Bpm At 3,681 Psi., 9,098 Gals. Stage Into 3.0# 20/40 White Prop, 70.7 Bpm At 3,635 Psi.. On Perfs, 70.8 Bpm At 3,372 Psi., 16,921 Gals. Stage Into 3.5# 20/40 White Prop, 70.8 Bpm At 3,332 Psi.. On Perfs, 70.8 Bpm At 3,257 Psi., 10,071 Gals. Stage Into 4.0# 20/40 White Prop, 70.8 Bpm At 3,260 Psi.. On Perfs, 70.8 Bpm At 3,209 Psi., 10,618 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,525 Psi.. 0.74 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 140,400# Total Clean - 124,958 Gals.. 2,975 Bbls.. BWTR - 3,123 Bbls. Max. Rate - 70.9 Bpm Avg. Rate - 70.6 Bpm Max. Psi. - 5,126 Psi. Avg. Psi. - 3,669 Psi.</p> |
| 22:05 | 0.33 | 22:25 | CTUW | W/L Operation | Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure. |
| 22:25 | 1.33 | 23:45 | PFRT | Perforating | <p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 10-31-2012 And SLB CBL/CCL Dated 02-02-2013. Found And Correlated To Short Joint At 8,072 - 8,096'. Drop Down To Depth, Set CFP At 8,193'. 1,900 Psi.. Perforate Stage 2 CR-4/CR-3 Zone, 7,973 - 8,173'. 45 Holes. 1,850 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p> |
| 23:45 | 0.17 | 23:55 | GOP | General Operations | Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well. |
| 23:55 | 1.17 | 01:05 | FRAC | Frac. Job | <p>Frac Stage 2. Fluid System: Hybor G 16 Open Well, 1,636 Psi. ICP. BrokeDown At 10.4 Bpm And 2,351 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 69.4 Bpm And 3,798 Psi., Get ISIP, 2,451 Psi.. 0.74 Psi./Ft. F.G.. 45/45 Holes. Con't With SlickWater Pad, 48,272 Gals.. Stage Into Hybor Pad, 70.8 Bpm At 3,710 Psi.. On Perfs, 70.8 Bpm At 4,037 Psi., 12,085 Gals. Stage Into 2.0# 20/40 White Prop, 70.8 Bpm At 4,052 Psi.. On Perfs, 70.8 Bpm At 3,712 Psi., 8,822 Gals. Stage Into 3.0# 20/40 White Prop, 70.8 Bpm At 3,661 Psi.. On Perfs, 70.8 Bpm At 3,443 Psi., 21,033 Gals. Stage Into 3.5# 20/40 White Prop, 70.9 Bpm At 3,365 Psi.. On Perfs, 70.9 Bpm At 3,311 Psi., 9,791 Gals. Stage Into 4.0# 20/40 White Prop, 70.9 Bpm At 3,310 Psi.. On Perfs, 70.8 Bpm At 3,293 Psi., 10,913 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,603 Psi.. 0.76 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 150,300# Total Clean - 131,445 Gals.. 3,130 Bbls.. BWTR - 3,289 Bbls. Max. Rate - 71.2 Bpm Avg. Rate - 70.8 Bpm Max. Psi. - 4,052 Psi. Avg. Psi. - 3,485 Psi.</p> |
| 01:05 | 0.25 | 01:20 | CTUW | W/L Operation | Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure. |



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Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|---|
| 01:20 | 1.42 | 02:45 | PFRT | Perforating | RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 10-31-2012 And SLB CBL/CCL Dated 02-02-2013. Found And Correlated To Short Joint At 7,358 - 7,380'. Drop Down To Depth, Set CFP At 7,966'. 2,100 Psi.. Perforate Stage 3 CR-3/CR-2 Zone, 7,699 - 7,946'. 45 Holes. 2,100 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured. |
| 02:45 | 0.08 | 02:50 | GOP | General Operations | Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well. |
| 02:50 | 1.17 | 04:00 | FRAC | Frac. Job | Frac Stage 3. Fluid System: Hybor G 16 Open Well, 2,041 Psi. ICP. BrokeDown At 10.4 Bpm And 2,396 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 69.1 Bpm And 5,112 Psi., Get ISIP, 2,363 Psi.. 0.74 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 44,392 Gals.. Stage Into Hybor Pad, 70.5 Bpm At 4,342 Psi.. On Perfs, 70.4 Bpm At 4,552 Psi., 12,120 Gals. Stage Into 2.0# 20/40 White Prop, 70.3 Bpm At 4,630 Psi.. On Perfs, 70.3 Bpm At 4,286 Psi., 8,567 Gals. Stage Into 3.0# 20/40 White Prop, 70.3 Bpm At 4,251 Psi.. On Perfs, 70.4 Bpm At 3,785 Psi., 21,819 Gals. Stage Into 3.5# 20/40 White Prop, 70.5 Bpm At 3,653 Psi.. On Perfs, 70.5 Bpm At 3,559 Psi., 9,600 Gals. Stage Into 4.0# 20/40 White Prop, 70.5 Bpm At 3,554 Psi.. On Perfs, 70.5 Bpm At 3,515 Psi., 10,407 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,561 Psi.. 0.77 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 150,000# Total Clean - 127,169 Gals.. 3,028 Bbls.. BWTR - 3,195 Bbls. Max. Rate - 70.6 Bpm Avg. Rate - 70.4 Bpm Max. Psi. - 4,631 Psi. Avg. Psi. - 3,849 Psi. |
| 04:00 | 0.33 | 04:20 | CTUW | W/L Operation | Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure. |
| 04:20 | 1.33 | 05:40 | PFRT | Perforating | RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 10-31-2012 And SLB CBL/CCL Dated 02-02-2013. Found And Correlated To Short Joint At 7,358 - 7,380'. Drop Down To Depth, Set CFP At 7,693'. 2,100 Psi.. Perforate Stage 4 CR-2/Wasatch Zone, 7,411 - 7,678'. 45 Holes. 2,100 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured. |
| 05:40 | 0.33 | 06:00 | GOP | General Operations | Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well. |

5-6D-45 BTR 3/3/2013 06:00 - 3/4/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|



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Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|---|
| 11:30 | 0.50 | 12:00 | ACID | Acid Wash/Squeeze | ACIDIZE STG 6-- 6819'-7110 IN CASTLE PEAK, 45 HOLES IN 15' NET. PRES TEST TO 9300 PSI. OPEN WELL AT 11:37 WITH 870 PSI. BREAK DOWN 9.4 PSI AT 1562 BPM. PUMP 7500 GAL 15% GELLED FE ACID. 45.5 BPM AT 2439 PSI. START 90 BIO BALLS FOR DIVERSION. CONT 7500 GAL 15% GELLED FE ACID. 46.1 BPM AT 2029 PSI. BALL OFF, GOOD BALL ACTION. DISPLACE WITH 7856 BBLs ISIP 1430 FG .72 MAX RATE 46.1 BPM MAX PRES 8474 PSI AVE RATE 37.5 BPM AVE PRES 2007 PSI PMP 15,000 GAL GELLED FE ACID 8069 GAL SLK WTR BTR 550 BBLs |
| 12:00 | 1.50 | 13:30 | PFRT | Perforating | PERF STG #7- PU EXELIS 5-1/2" CFP (PINNED BALL) AND GUNS FOR STAGE 7 INTO LUBE AND EQUALIZE 1200 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6079'-6100'. RUN DOWN AND SET CFP AT 6786' WITH 850 PSI. PULL UP AND PERF BLACK SHALE FORM 6571'-6766' WITH 36 HOLES IN 12' NET. POOH AND VERIFY ALL GUNS SHOT, TURN WELL OVER TO HES WITH 800 PSI |
| 13:30 | 0.50 | 14:00 | ACID | Acid Wash/Squeeze | ACIDIZE STG 7-- 6571'-6766' IN BLACK SHALE, 36 HOLES IN 12' NET. PRES TEST TO 9300 PSI. OPEN WELL AT 13:37 WITH 710 PSI. BREAK DOWN 9.5 PSI AT 1776 BPM. PUMP 7500 GAL 15% GELLED FE ACID. 46.2 BPM AT 2270 PSI. START 90 BIO BALLS FOR DIVERSION. CONT 7500 GAL 15% GELLED FE ACID. 46.5 BPM AT 2140 PSI. GOOD BALL ACTION. DISPLACE WITH 7236 BBLs ISIP 1371 PSI FG .67 MAX RATE 48.2 BPM MAX PRES 7466 PSI AVE RATE 42.7 BPM AVE PRES 2139 PSI PMP 15,000 GAL GELLED FE ACID 7526 GAL SLK WTR BTR 538 BBLs |
| 14:00 | 4.00 | 18:00 | SRIG | Rig Up/Down | RDMO HES AND SLB. |
| 18:00 | 5.00 | 23:00 | GOP | General Operations | MOVE FBT. PLUMB IN FLOW BACK EQUIP. ADJUST FRAC LINE. MOVE OUT EXTRA TANKS. MOVING WTR. |
| 23:00 | 7.00 | 06:00 | FBCK | Flowback Well | OPEN WELL TO FLOW BACK TANKS. TURN OVER TO FBC. |

5-6D-45 BTR 3/10/2013 06:00 - 3/11/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|---|
| 06:00 | 24.00 | 06:00 | FBCK | Flowback Well | BYPASS TREATER TO FLOW WELL. 0 PSI. MOVE TANKS AND PREP LOCATION FOR RIG. |

5-6D-45 BTR 3/11/2013 06:00 - 3/12/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|---|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. |
| 07:00 | 3.00 | 10:00 | RMOV | Rig Move | ROAD RIG FROM AURORA 8-17D-7-20 TO LOCATION. 0 PSI ON WELL. OPEN TO FBT. |
| 10:00 | 1.00 | 11:00 | SRIG | Rig Up/Down | SPOT AND RUSU. |
| 11:00 | 2.00 | 13:00 | BOPI | Install BOP's | ND FRAC VALVES. NU BOP. RU FLOOR. SET CATWALK AND PIPE RACKS. LOAD TBG ON RACKS. |
| 13:00 | 4.50 | 17:30 | RUTB | Run Tubing | MU 4-3/4" BIT, POBS. 1-JT, XN. RIH AS PU TBG. TAG CFP #1 AT 6786'. RU DRLG EQUIP. SDFN. |
| 17:30 | 12.50 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. WELL SHUT IN AND SECURE. |

5-6D-45 BTR 3/12/2013 06:00 - 3/13/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|



Bill Barrett Corporation

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. |
| 07:00 | 1.00 | 08:00 | GOP | General Operations | PUMP THRU LINES. MU PWR SWIVEL. EST CIRC. CIRC OIL TO SALES. BACK TI FBT WITH WTR. |
| 08:00 | 12.00 | 20:00 | DOPG | Drill Out Plugs | D/O PLUGS CFP #1 AT 6786'. 0' SAND. D/O IN 12 MIN. P-2 BPM, R- 2.5 BPM. FCP 125 PSI. RIH. CFP #2 AT 7130'. 0' SAND. D/O IN 20 MIN. P- 2.5 BPM, R 2.5 BPM. FCP 100 PSI. RIH. CFP #3 AT 7390'. 0' SAND. D/O IN 20 MIN. P-3.0 BPM, R 2 BPM, THRU PLUG AND LOOSING CIRC. PMP 4.0 BPM, R 2 BPM. FCP 50 PSI. CIRC 30 MIN. RIH. CFP #4 AT 7693'. 0' SAND. D/O IN 30 MIN. LOST RETURNS AS DRLG THEN CAME BACK. P 5/0, R 2. PMP FOR 30 MIN AFTER THRU PLUG. CFP #5 AT 7966'. TOOK 30 MIN TO GET CIRC AT 5 BPM. 17' SAND. D/O IN 15 MIN. START GETTING BETTER RETURNS. P 4.0, R 3.5-4. CIRC 30 MIN AFTER THRU PLUG. CFP #6 AT 8193'. GOT CIRC AS SOON AS START PUMPING. 75' SAND, D/O IN 15 MIN. P 4.0, R 3.5-4. CIRC 30 MIN AFTER THRU PLUG. TAG SAND AT 8303' (FC AT 8550') HAVE 247' SAND TO FC. CIRC CLEAN. LOST 1000 BBLs CIRCULATING TODAY. |
| 20:00 | 1.00 | 21:00 | GOP | General Operations | HANG PWR SWIVEL. POOH W/ 50-JTS TO GET ABOVE PERFS. |
| 21:00 | 9.00 | 06:00 | LOCL | Lock Wellhead & Secure | WELL OPEN TO PROD TANKS. CREW TRAVEL. WELL SECURE FOR NIGHT. |

5-6D-45 BTR 3/13/2013 06:00 - 3/14/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. |
| 07:00 | 1.00 | 08:00 | RUTB | Run Tubing | SIWP- 25. RIH F/ TOP OF PERFS @ 6571' W/ 4-3/4 BIT TO 8303'. |
| 08:00 | 7.00 | 15:00 | CLN | Clean Out Hole | R/U POWER SWIVEL. BREAK CIRC & ROLL GAS & OIL OFF WELL. VERY POOR CIRC. C/O SAND F/ 8303' TO 8550' PBD. VERY STICKY. CIRC WELL CLEAN FOR 2.5 HRS. NO SAND. R/D SWIVEL. |
| 15:00 | 2.50 | 17:30 | PULT | Pull Tubing | POOH TO 4100'. LAND TBG ON TBG HANGER. R/D FLOOR & EQUIPMENT. N/D HYDRILL. R/U FLOOR. PULL HANGER. SDFN. CSG OPEN TO SALES. |
| 17:30 | 12.50 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. WELL SECURE. |

5-6D-45 BTR 3/14/2013 06:00 - 3/15/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|-------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. NOTE D&M FLUSH CSG W/ 70 BBLs @ 6:00 AM. |
| 07:00 | 1.50 | 08:30 | PULT | Pull Tubing | FINISH POOH W/ 4-3/4 BIT. |
| 08:30 | 4.50 | 13:00 | RUTB | Run Tubing | RIH W/ 5-1/2, 1/4 TURN RH TAC & BHA. RIH TO TOP OF PERFS. FLUSH CSG W/ 70 BBLs. FINISH RIH. N/D BOP. SET TAC @ 8126'. S/N @ 8191'. EOT @ 8373'. R/U WELLHEAD & ROD EQUIPMENT. 255 JTS 2-7/8 TBG. TAC 1/4 TURN RH. 20K TENSION 2 JT 2-7/8 TBG. S/N. 4' PUP. DESANDER. 5 JTS 2-7/8 TBG. BULL PLUG. |



Bill Barrett Corporation

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|---|
| 13:00 | 5.00 | 18:00 | RURP | Run Rods & Pump | P/U INSERT PUMP & PRIME. RIH W/ ROD PUMP. SPACE OUT & SEAT PUMP. SDFN. 40' POLISH ROD. PONY. 8'. 94- 1" RODS. WG 4 28- 7/8" RODS. WG 6 54- 7/8" RODS. WG 4 126- 3/4" RODS. WG 4 32- 1" RODS. WG 4 SHEAR SUB. PUMP 25-175-RHBC-30-5-33-36'. |
| 18:00 | 12.00 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. HOLD SAFETY MEETING. |

5-6D-45 BTR 3/15/2013 06:00 - 3/16/2013 06:00

| | | | | | | |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|
| API/UWI 43-013-50688 | State/Province UT | County Duchesne | Field Name Black Tail Ridge | Well Status PRODUCING | Total Depth (ftKB) 8,650.0 | Primary Job Type Drilling & Completion |
|-------------------------|----------------------|--------------------|--------------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. |
| 07:00 | 0.50 | 07:30 | PTST | Pressure Test | FILL TBG & STROKE TEST PUMP W/ RIG TO 800 PSI, HELD. |
| 07:30 | 3.00 | 10:30 | SRIG | Rig Up/Down | R/D RIG & EQUIPMENT. CLEAN LOCATION. MOL. SDFN |
| 10:30 | 19.50 | 06:00 | CTRL | Crew Travel | CREW TRAVEL. |

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

Effective Date: 11/1/2016

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

WELL INFORMATION:

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

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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 |

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

From: Bill Barrett Corporation

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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| 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

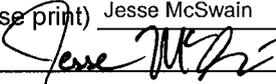
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

| | |
|---|---|
| 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

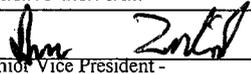
TRANSFER OF AUTHORITY TO INJECT

| | |
|---|---|
| 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

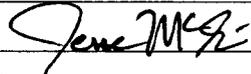
CURRENT OPERATOR

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

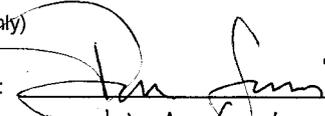
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

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: VIC Geologist

Approval Date: 11/3/16

Comments:

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

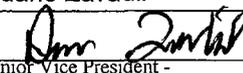
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

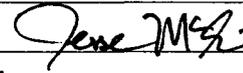
| | |
|--|--|
| Well Name and Number 16-6D-46 BTR SWD | API Number 4301350781 |
| Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH | Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608 |

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

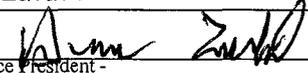
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

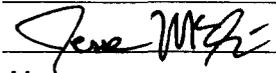
| | |
|--|---|
| Well Name and Number SWD 9-36 BTR | API Number 4301350646 |
| Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH | Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608 |

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

| | |
|---|--|
| Company: <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.