

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 5-9D-46 BTR					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ALTAMONT					
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						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 BHilgers@billbarrettcorp.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 2OG0005608			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Charles and Marilyn Lott						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-731-5066					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1310 North 4700 West, Ogden, UT 84404						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Uintah and Ouray			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		1684 FNL 496 FWL		SWNW	9	4.0 S	6.0 W	U			
Top of Uppermost Producing Zone		1980 FNL 813 FWL		SWNW	9	4.0 S	6.0 W	U			
At Total Depth		1980 FNL 810 FWL		SWNW	9	4.0 S	6.0 W	U			
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 810			23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2129			26. PROPOSED DEPTH MD: 8468 TVD: 8439					
27. ELEVATION - GROUND LEVEL 5980			28. BOND NUMBER LPM8874725			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-180					
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	12.25	9.625	0 - 1100	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		120	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
Prod	8.75	5.5	0 - 8468	17.0	P-110 LT&C	9.7	Unknown		640	2.31	11.0
							Unknown		1070	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 checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Venessa Langmacher			TITLE Senior Permit Analyst			PHONE 303 312-8172					
SIGNATURE			DATE 12/05/2011			EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43013511090000			APPROVAL			 Permit Manager					

DRILLING PLAN

BILL BARRETT CORPORATION

5-9D-46 BTR Well Pad

SW NW, 1684' FNL and 496' FWL, Section 9, T4S-R6W, USB&M (surface hole)

SW NW, 1980' FNL and 810' FWL, Section 9, T4S-R6W, USB&M (bottom hole)

Duchesne County, Utah

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

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth – TVD</u>
Lower Green River*	3,303'	3,284'
Douglas Creek	4,146'	4,119'
Black Shale	4,978'	4,949'
Castle Peak	5,208'	5,179'
Uteland Butte	5,503'	5,474'
Wasatch*	5,743'	5,714'
TD	8,468'	8,439'

*PROSPECTIVE PAY

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

Base of Useable Water = 4,300'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,100'	No pressure control required
1,100' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary 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#			
12 1/4"	Surface	1,100'	9 5/8"	36#	J or K 55	BT&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
NOTE: In addition, 8 3/4" hole size may change to 7 7/8" at the point the bit is changed out.							

Bill Barrett Corporation
 Drilling Program
 5-9D-46 BTR
 Duchesne County, Utah

5. **Cementing Program**

Casing	Cementing
16" Conductor Casing	<i>Grout</i>
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 120 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Top of lead estimated at surface.</p> <p><i>Tail</i> with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx), calculated hole volume with 75% excess. Top of tail estimated at 600'.</p>
5 1/2" Production Casing	<p><i>Lead</i> with approximately 640 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft³/sx,) . Top of lead estimated at 600'.</p> <p><i>Tail</i> with approximately 1070 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Top of tail estimated at 4,478'.</p>

6. **Mud Program**

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 1,100'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,100' – TD	8.6 – 9.7	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. **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.

Bill Barrett Corporation
Drilling Program
5-9D-46 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 4257 psi* and maximum anticipated surface pressure equals approximately 2394 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: January 2013
Spud: January 2013
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

Well Name: 5-9D-46 BTR

Surface Hole Data:

Total Depth:	1,100'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	328.8	ft ³
Lead Fill:	600'	
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:	120
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	600'	

# SK's Tail:	210
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Production Hole Data:

Total Depth:	8,468'
Top of Cement:	600'
Top of Tail:	4,478'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1469.3	ft ³
Lead Fill:	3,878'	
Tail Volume:	1511.9	ft ³
Tail Fill:	3,990'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	640
# SK's Tail:	1070

5-9D-46 BTR Proposed Cementing Program

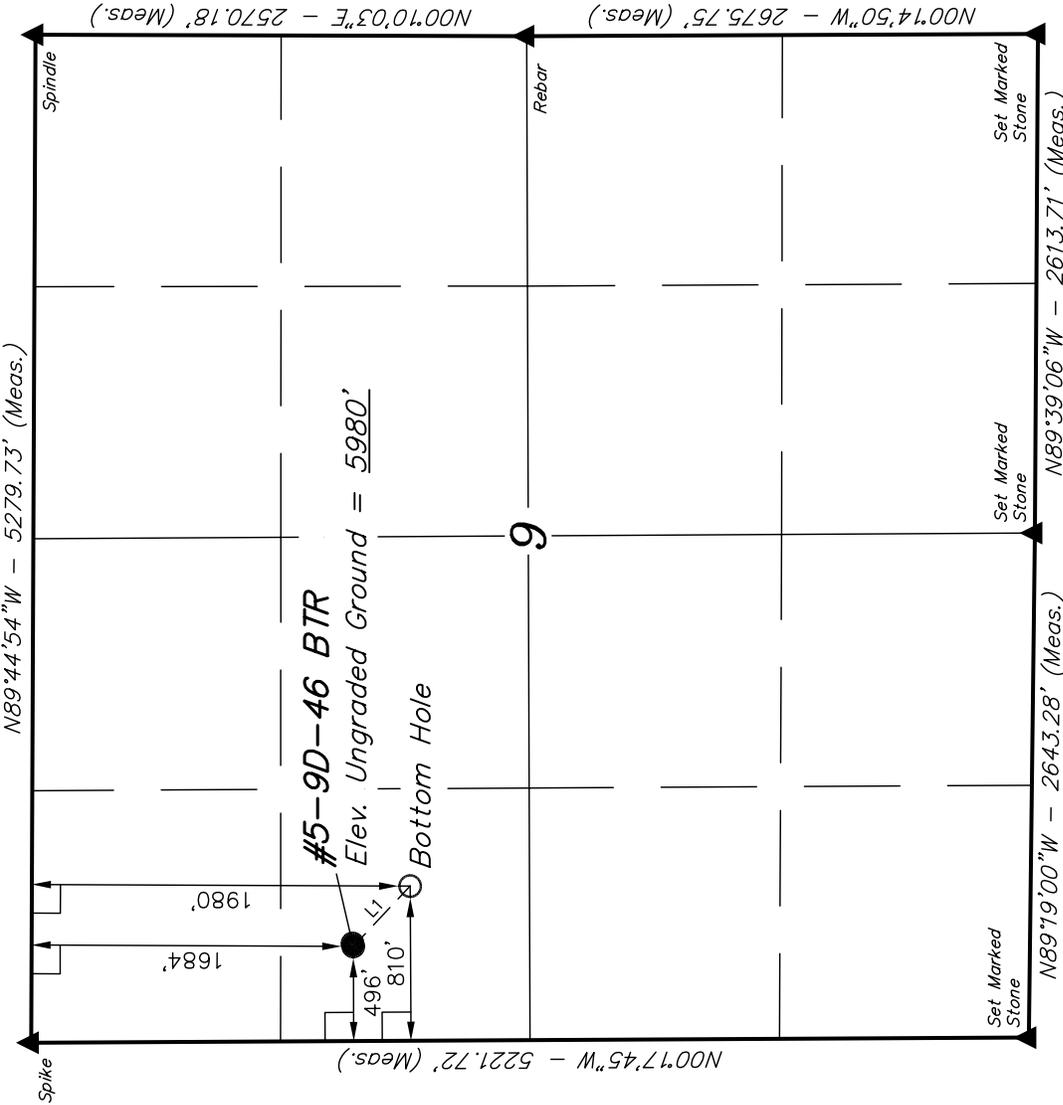
<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (600' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 600'
	Volume: 58.57 bbl
	Proposed Sacks: 120 sks
Tail Cement - (TD - 600')	
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: 600'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (4478' - 600')	
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: 600'
	Calculated Fill: 3,878'
	Volume: 261.68 bbl
	Proposed Sacks: 640 sks
Tail Cement - (8468' - 4478')	
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: 4,478'
	Calculated Fill: 3,990'
	Volume: 269.26 bbl
	Proposed Sacks: 1070 sks

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

BILL BARRETT CORPORATION

Well location, #5-9D-46 BTR, located as shown in the SW 1/4 NW 1/4 of Section 9, T4S, R6W, U.S.B.&M., Duchesne County, Utah.

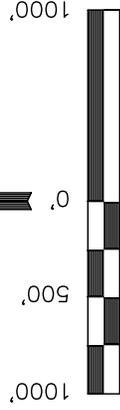


BASIS OF ELEVATION

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

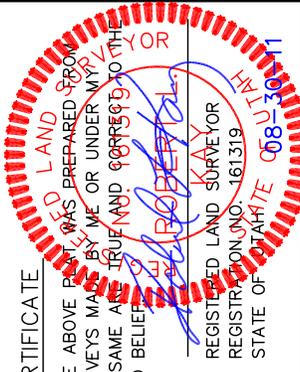
BASIS OF BEARINGS

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



S C A L E
C E R T I F I C A T E

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



UINTAH ENGINEERING & LAND SURVEYING

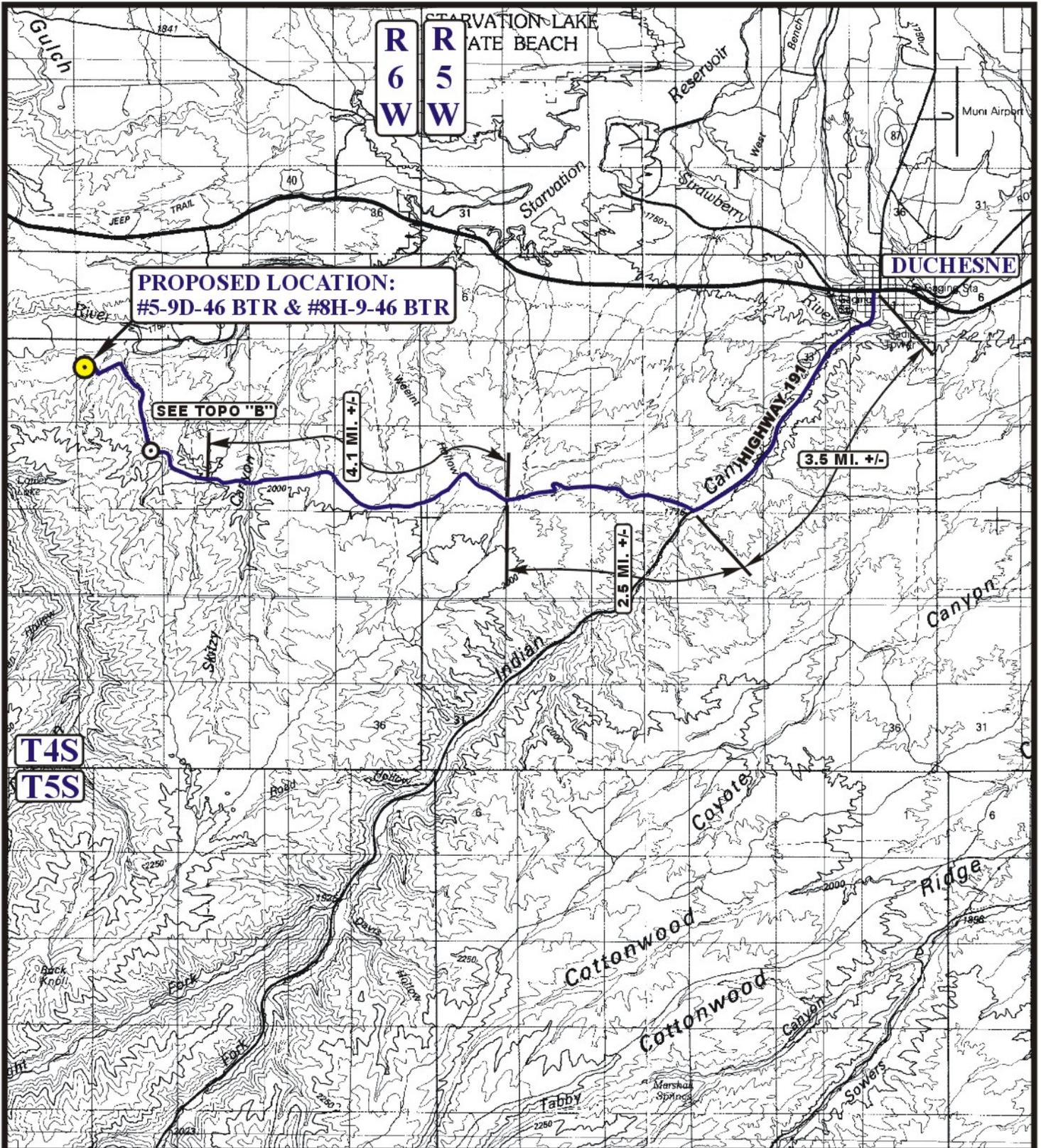
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	07-22-11	DATE DRAWN:	08-24-11
PARTY	T. A. J. I.	REFERENCES	G.L.O. PLAT		
WEATHER	WARM	FILE	BILL BARRETT CORPORATION		

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S46°42'24"E	434.14'

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°08'56.99"	(40.149164)	LATITUDE = 40°08'59.92"	(40.149978)
LONGITUDE = 110°34'28.42"	(110.574561)	LONGITUDE = 110°34'32.49"	(110.575692)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°08'57.14"	(40.149206)	LATITUDE = 40°09'00.07"	(40.150019)
LONGITUDE = 110°34'25.85"	(110.573847)	LONGITUDE = 110°34'29.93"	(110.574981)

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



LEGEND:

PROPOSED LOCATION

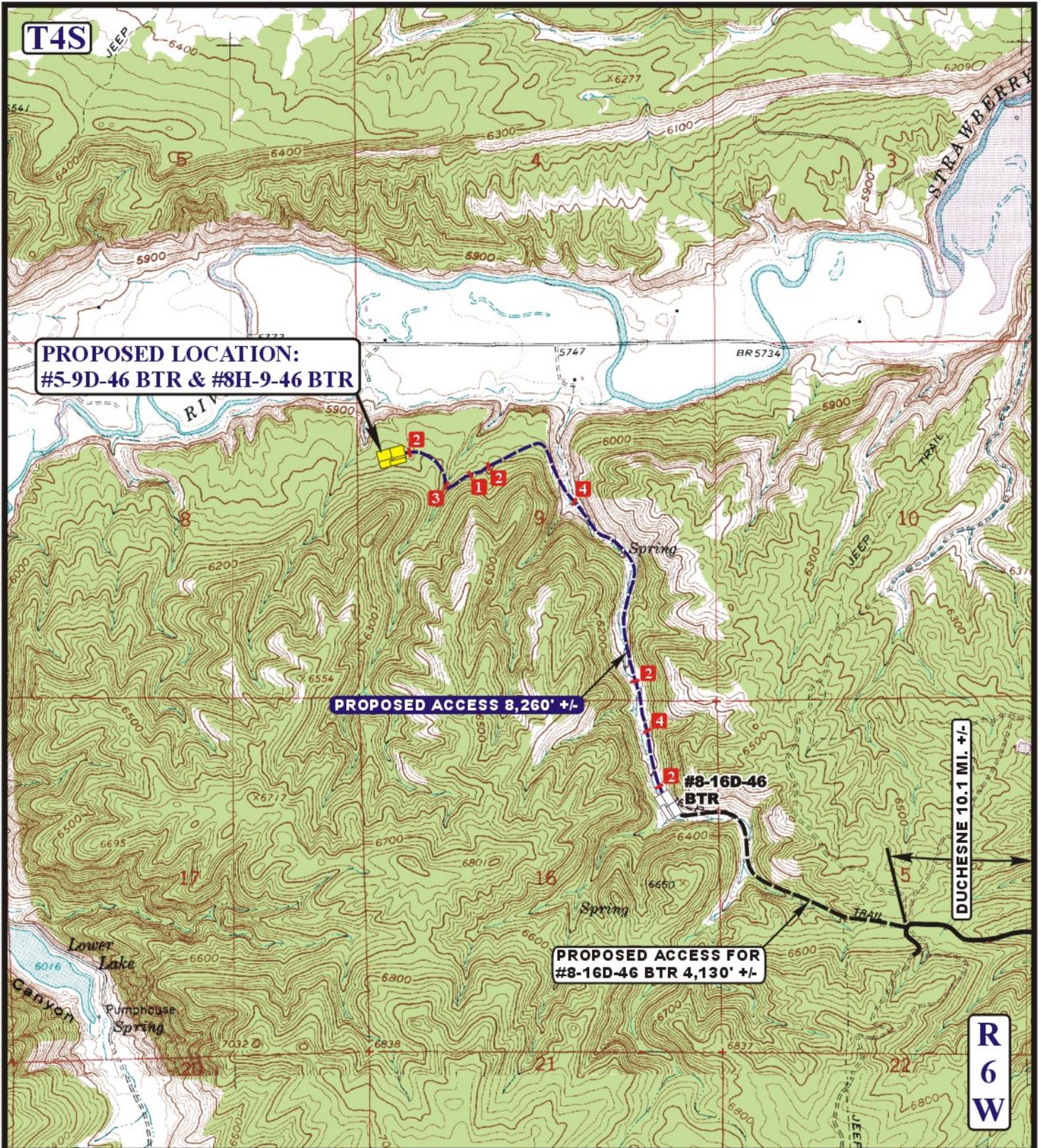


BILL BARRETT CORPORATION

**#5-9D-46 BTR & #8H-9-46 BTR
SECTION 9, T4S, R6W, U.S.B.&M.
SW 1/4 NW 1/4**

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

TOPOGRAPHIC MAP 12 17 10
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: Z.L. REV: 07-27-11 C.I. **A TOPO**



LEGEND:

- | | | | |
|--|------------------|--|----------------------|
| | EXISTING ROAD | | PROPOSED ACCESS ROAD |
| | 24" CMP REQUIRED | | 48" CMP REQUIRED |
| | 36" CMP REQUIRED | | LOW WATER CROSSING |

BILL BARRETT CORPORATION

**#5-9D-46 BTR & #8H-9-46 BTR
SECTION 9, T4S, R6W, U.S.B.&M.
SW 1/4 NW 1/4**



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



**TOPOGRAPHIC
MAP**

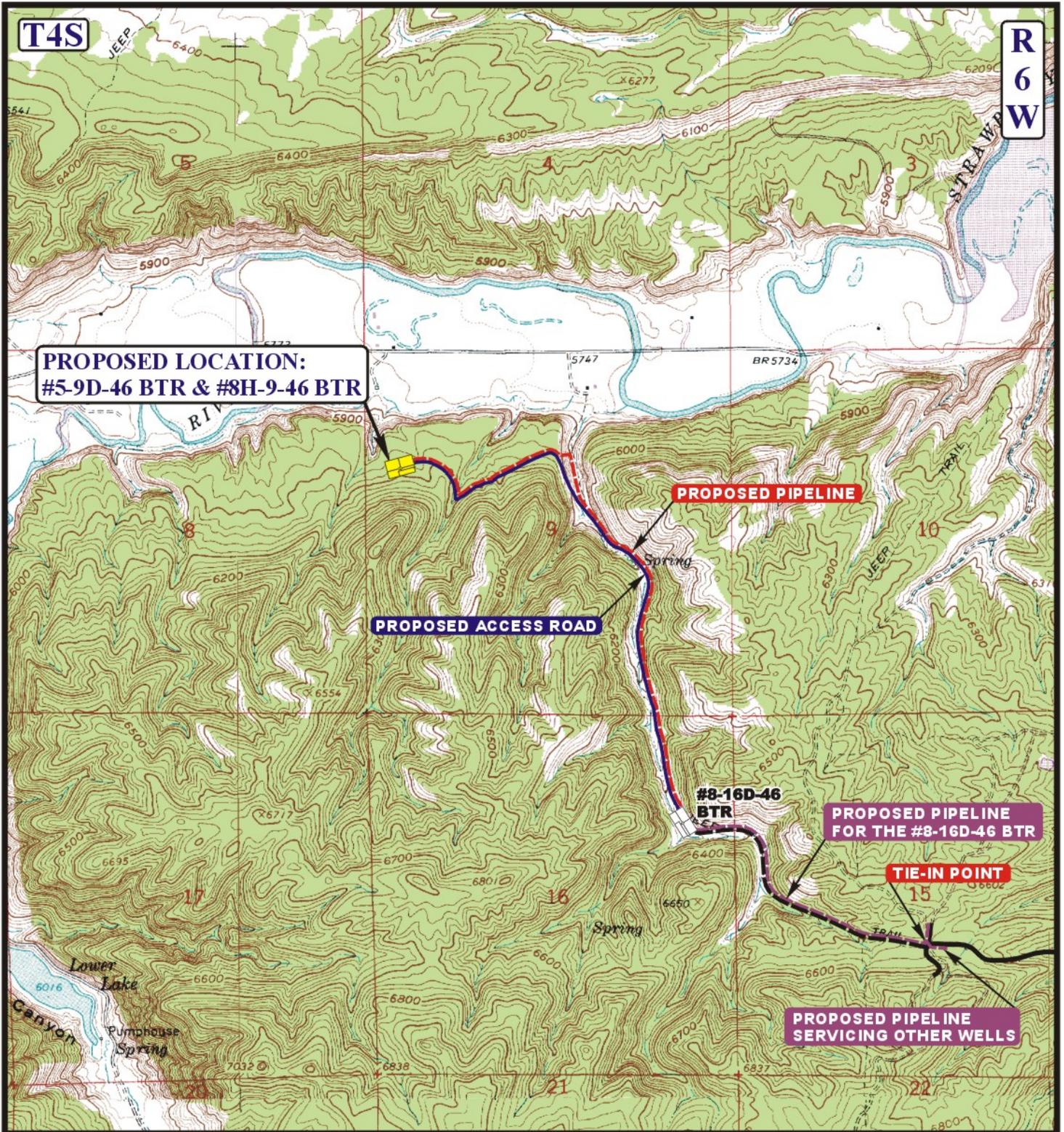
12 17 10
MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: Z.L.

REV: 07-27-11 C.I.

**B
TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 8,405' +/-

LEGEND:

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

BILL BARRETT CORPORATION

**#5-9D-46 BTR & #8H-9-46 BTR
SECTION 9, T4S, R6W, U.S.B.&M.
SW 1/4 NW 1/4**



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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**TOPOGRAPHIC
MAP**

12 17 10
MONTH DAY YEAR

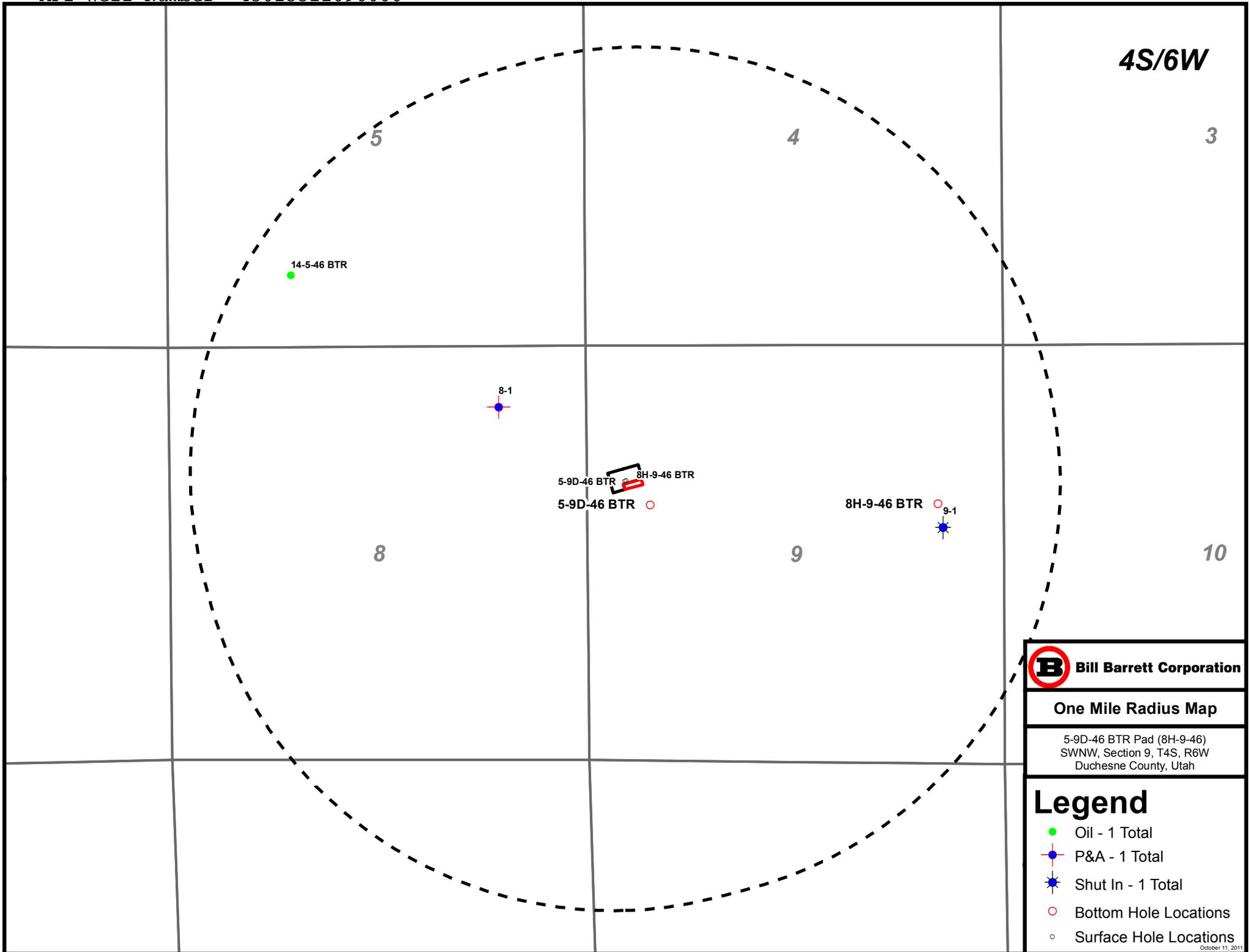
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DRAWN BY: Z.L.

REV: 07-27-11 C.I.



4S/6W



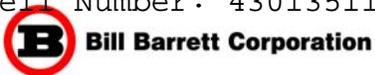
 **Bill Barrett Corporation**

One Mile Radius Map

5-9D-46 BTR Pad (8H-9-46)
SWNW, Section 9, T4S, R6W
Duchesne County, Utah

Legend

-  Oil - 1 Total
-  P&A - 1 Total
-  Shut In - 1 Total
-  Bottom Hole Locations
-  Surface Hole Locations



SITE DETAILS: 5-9D-46 BTR

Blacktail Ridge

Site Centre Latitude: 40° 9' 0.068 N
Longitude: 110° 34' 29.932 W

Positional Uncertainty: 0.0
Convergence: 0.59
Local North: True

COMPANY DETAILS: BILL BARRETT CORP

Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic
Warning Method: Error Ratio

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
5-9D 3PT MKR	4529.0	-296.1	317.0	40° 8' 57.142 N	110° 34' 25.849 W	Rectangle (Sides: L200.0 W200.0)
5-9D PBHL	8439.0	-296.1	317.0	40° 8' 57.142 N	110° 34' 25.849 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

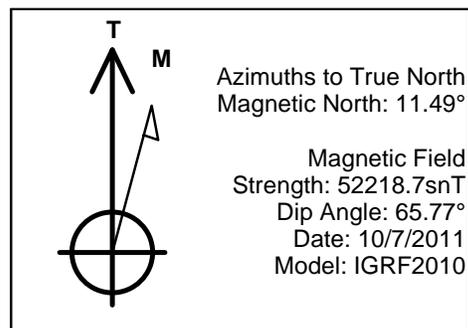
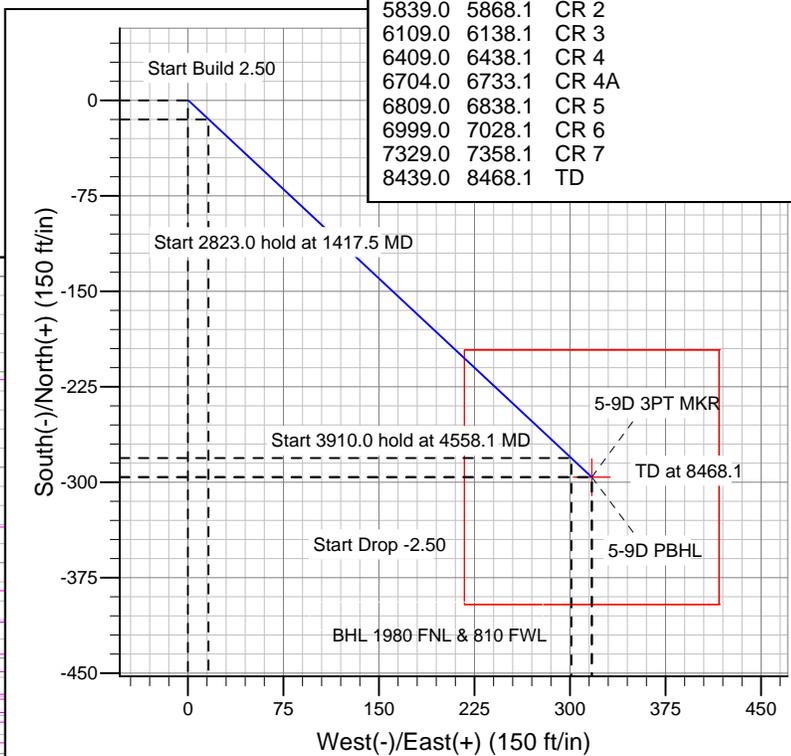
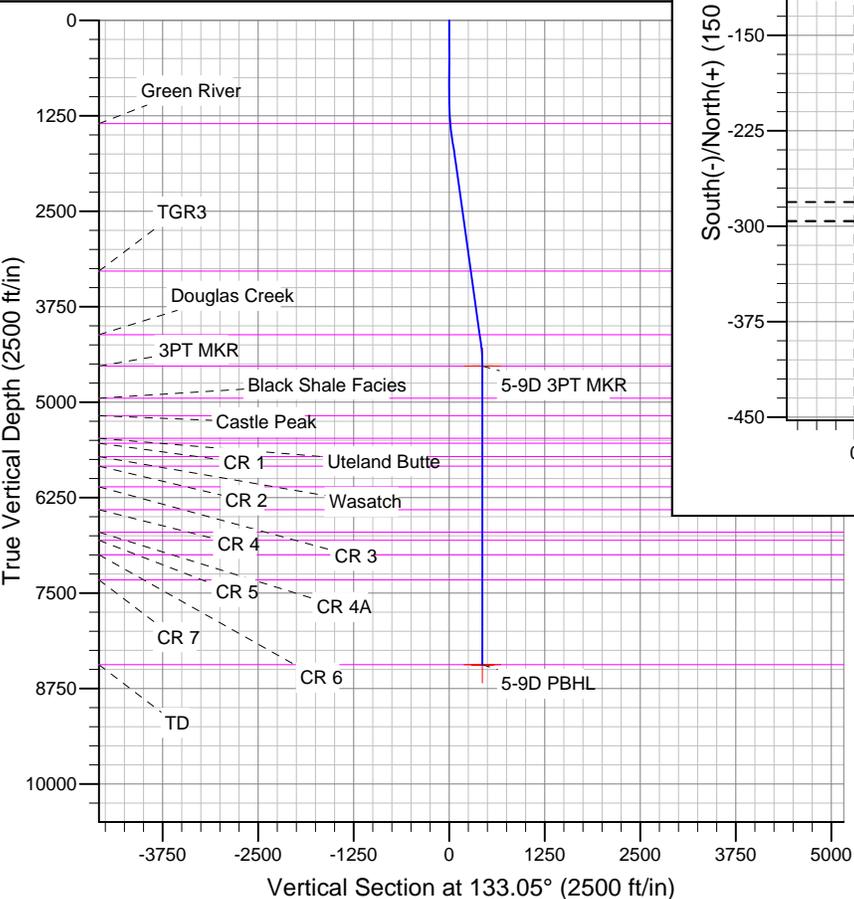
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	1417.5	7.94	133.05	1416.5	-15.0	16.0	2.50	133.05	22.0	
4	4240.5	7.94	133.05	4212.5	-281.1	301.0	0.00	0.00	411.8	
5	4558.1	0.00	0.00	4529.0	-296.1	317.0	2.50	180.00	433.8	5-9D 3PT MKR
6	8468.1	0.00	0.00	8439.0	-296.1	317.0	0.00	0.00	433.8	5-9D PBHL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1354.0	1354.5	Green River
3284.0	3303.1	TGR3
4119.0	4146.2	Douglas Creek
4529.0	4558.1	3PT MKR
4949.0	4978.1	Black Shale Facies
5179.0	5208.1	Castle Peak
5474.0	5503.1	Uteland Butte
5539.0	5568.1	CR 1
5714.0	5743.1	Wasatch
5839.0	5868.1	CR 2
6109.0	6138.1	CR 3
6409.0	6438.1	CR 4
6704.0	6733.1	CR 4A
6809.0	6838.1	CR 5
6999.0	7028.1	CR 6
7329.0	7358.1	CR 7
8439.0	8468.1	TD

CASING DETAILS

No casing data is available



BILL BARRETT CORP

DUCHESNE COUNTY, UT (NAD 27)

5-9D-46 BTR

5-9D-46 BTR

5-9D-46 BTR

Plan: Design #1

Standard Planning Report

07 October, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-9D-46 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5995.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 5995.0ft (Original Well Elev)
Site:	5-9D-46 BTR	North Reference:	True
Well:	5-9D-46 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-9D-46 BTR		
Design:	Design #1		

Project	DUCHESNE COUNTY, UT (NAD 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	5-9D-46 BTR				
Site Position:		Northing:	663,026.87 ft	Latitude:	40° 9' 0.068 N
From:	Lat/Long	Easting:	2,258,568.03 ft	Longitude:	110° 34' 29.932 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.59 °

Well	5-9D-46 BTR, SW 1/4, NW 1/4, Sect 9, T4S, R6W					
Well Position	+N/-S	0.0 ft	Northing:	663,026.85 ft	Latitude:	40° 9' 0.068 N
	+E/-W	0.0 ft	Easting:	2,258,568.03 ft	Longitude:	110° 34' 29.932 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,980.0 ft

Wellbore	5-9D-46 BTR				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/7/2011	11.49	65.77	52,219

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	133.05

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,417.5	7.94	133.05	1,416.5	-15.0	16.0	2.50	2.50	0.00	133.05	
4,240.5	7.94	133.05	4,212.5	-281.1	301.0	0.00	0.00	0.00	0.00	
4,558.1	0.00	0.00	4,529.0	-296.1	317.0	2.50	-2.50	0.00	180.00	5-9D 3PT MKR
8,468.1	0.00	0.00	8,439.0	-296.1	317.0	0.00	0.00	0.00	0.00	5-9D PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-9D-46 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5995.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 5995.0ft (Original Well Elev)
Site:	5-9D-46 BTR	North Reference:	True
Well:	5-9D-46 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-9D-46 BTR		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	2.50	133.05	1,200.0	-1.5	1.6	2.2	2.50	2.50	0.00
1,300.0	5.00	133.05	1,299.7	-6.0	6.4	8.7	2.50	2.50	0.00
1,354.5	6.36	133.05	1,354.0	-9.6	10.3	14.1	2.50	2.50	0.00
Green River									
1,400.0	7.50	133.05	1,399.1	-13.4	14.3	19.6	2.50	2.50	0.00
1,417.5	7.94	133.05	1,416.5	-15.0	16.0	22.0	2.50	2.50	0.00
1,500.0	7.94	133.05	1,498.2	-22.8	24.4	33.4	0.00	0.00	0.00
1,600.0	7.94	133.05	1,597.2	-32.2	34.5	47.2	0.00	0.00	0.00
1,700.0	7.94	133.05	1,696.3	-41.6	44.6	61.0	0.00	0.00	0.00
1,800.0	7.94	133.05	1,795.3	-51.1	54.6	74.8	0.00	0.00	0.00
1,900.0	7.94	133.05	1,894.4	-60.5	64.7	88.6	0.00	0.00	0.00
2,000.0	7.94	133.05	1,993.4	-69.9	74.8	102.4	0.00	0.00	0.00
2,100.0	7.94	133.05	2,092.4	-79.3	84.9	116.2	0.00	0.00	0.00
2,200.0	7.94	133.05	2,191.5	-88.8	95.0	130.0	0.00	0.00	0.00
2,300.0	7.94	133.05	2,290.5	-98.2	105.1	143.8	0.00	0.00	0.00
2,400.0	7.94	133.05	2,389.6	-107.6	115.2	157.6	0.00	0.00	0.00
2,500.0	7.94	133.05	2,488.6	-117.0	125.3	171.5	0.00	0.00	0.00
2,600.0	7.94	133.05	2,587.7	-126.5	135.4	185.3	0.00	0.00	0.00
2,700.0	7.94	133.05	2,686.7	-135.9	145.5	199.1	0.00	0.00	0.00
2,800.0	7.94	133.05	2,785.7	-145.3	155.6	212.9	0.00	0.00	0.00
2,900.0	7.94	133.05	2,884.8	-154.8	165.7	226.7	0.00	0.00	0.00
3,000.0	7.94	133.05	2,983.8	-164.2	175.8	240.5	0.00	0.00	0.00
3,100.0	7.94	133.05	3,082.9	-173.6	185.9	254.3	0.00	0.00	0.00
3,200.0	7.94	133.05	3,181.9	-183.0	195.9	268.1	0.00	0.00	0.00
3,300.0	7.94	133.05	3,280.9	-192.5	206.0	281.9	0.00	0.00	0.00
3,303.1	7.94	133.05	3,284.0	-192.8	206.3	282.4	0.00	0.00	0.00
TGR3									
3,400.0	7.94	133.05	3,380.0	-201.9	216.1	295.8	0.00	0.00	0.00
3,500.0	7.94	133.05	3,479.0	-211.3	226.2	309.6	0.00	0.00	0.00
3,600.0	7.94	133.05	3,578.1	-220.7	236.3	323.4	0.00	0.00	0.00
3,700.0	7.94	133.05	3,677.1	-230.2	246.4	337.2	0.00	0.00	0.00
3,800.0	7.94	133.05	3,776.2	-239.6	256.5	351.0	0.00	0.00	0.00
3,900.0	7.94	133.05	3,875.2	-249.0	266.6	364.8	0.00	0.00	0.00
4,000.0	7.94	133.05	3,974.2	-258.5	276.7	378.6	0.00	0.00	0.00
4,100.0	7.94	133.05	4,073.3	-267.9	286.8	392.4	0.00	0.00	0.00
4,146.2	7.94	133.05	4,119.0	-272.2	291.4	398.8	0.00	0.00	0.00
Douglas Creek									
4,200.0	7.94	133.05	4,172.3	-277.3	296.9	406.2	0.00	0.00	0.00
4,240.5	7.94	133.05	4,212.5	-281.1	301.0	411.8	0.00	0.00	0.00
4,300.0	6.45	133.05	4,271.5	-286.2	306.4	419.3	2.50	-2.50	0.00
4,400.0	3.95	133.05	4,371.0	-292.4	313.0	428.4	2.50	-2.50	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-9D-46 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5995.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 5995.0ft (Original Well Elev)
Site:	5-9D-46 BTR	North Reference:	True
Well:	5-9D-46 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-9D-46 BTR		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,500.0	1.45	133.05	4,470.9	-295.6	316.5	433.1	2.50	-2.50	0.00	
4,558.1	0.00	0.00	4,529.0	-296.1	317.0	433.8	2.50	-2.50	0.00	
3PT MKR - 5-9D 3PT MKR										
4,600.0	0.00	0.00	4,570.9	-296.1	317.0	433.8	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,670.9	-296.1	317.0	433.8	0.00	0.00	0.00	
4,800.0	0.00	0.00	4,770.9	-296.1	317.0	433.8	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,870.9	-296.1	317.0	433.8	0.00	0.00	0.00	
4,978.1	0.00	0.00	4,949.0	-296.1	317.0	433.8	0.00	0.00	0.00	
Black Shale Facies										
5,000.0	0.00	0.00	4,970.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,100.0	0.00	0.00	5,070.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,170.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,208.1	0.00	0.00	5,179.0	-296.1	317.0	433.8	0.00	0.00	0.00	
Castle Peak										
5,300.0	0.00	0.00	5,270.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,370.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,470.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,503.1	0.00	0.00	5,474.0	-296.1	317.0	433.8	0.00	0.00	0.00	
Uteland Butte										
5,568.1	0.00	0.00	5,539.0	-296.1	317.0	433.8	0.00	0.00	0.00	
CR 1										
5,600.0	0.00	0.00	5,570.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,670.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,743.1	0.00	0.00	5,714.0	-296.1	317.0	433.8	0.00	0.00	0.00	
Wasatch										
5,800.0	0.00	0.00	5,770.9	-296.1	317.0	433.8	0.00	0.00	0.00	
5,868.1	0.00	0.00	5,839.0	-296.1	317.0	433.8	0.00	0.00	0.00	
CR 2										
5,900.0	0.00	0.00	5,870.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,970.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,070.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,138.1	0.00	0.00	6,109.0	-296.1	317.0	433.8	0.00	0.00	0.00	
CR 3										
6,200.0	0.00	0.00	6,170.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,270.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,370.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,438.1	0.00	0.00	6,409.0	-296.1	317.0	433.8	0.00	0.00	0.00	
CR 4										
6,500.0	0.00	0.00	6,470.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,570.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,670.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,733.1	0.00	0.00	6,704.0	-296.1	317.0	433.8	0.00	0.00	0.00	
CR 4A										
6,800.0	0.00	0.00	6,770.9	-296.1	317.0	433.8	0.00	0.00	0.00	
6,838.1	0.00	0.00	6,809.0	-296.1	317.0	433.8	0.00	0.00	0.00	
CR 5										
6,900.0	0.00	0.00	6,870.9	-296.1	317.0	433.8	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,970.9	-296.1	317.0	433.8	0.00	0.00	0.00	
7,028.1	0.00	0.00	6,999.0	-296.1	317.0	433.8	0.00	0.00	0.00	
CR 6										
7,100.0	0.00	0.00	7,070.9	-296.1	317.0	433.8	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,170.9	-296.1	317.0	433.8	0.00	0.00	0.00	

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-9D-46 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 5995.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 5995.0ft (Original Well Elev)
Site:	5-9D-46 BTR	North Reference:	True
Well:	5-9D-46 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-9D-46 BTR		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,300.0	0.00	0.00	7,270.9	-296.1	317.0	433.8	0.00	0.00	0.00
7,358.1	0.00	0.00	7,329.0	-296.1	317.0	433.8	0.00	0.00	0.00
CR 7									
7,400.0	0.00	0.00	7,370.9	-296.1	317.0	433.8	0.00	0.00	0.00
7,500.0	0.00	0.00	7,470.9	-296.1	317.0	433.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,570.9	-296.1	317.0	433.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,670.9	-296.1	317.0	433.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,770.9	-296.1	317.0	433.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,870.9	-296.1	317.0	433.8	0.00	0.00	0.00
8,000.0	0.00	0.00	7,970.9	-296.1	317.0	433.8	0.00	0.00	0.00
8,100.0	0.00	0.00	8,070.9	-296.1	317.0	433.8	0.00	0.00	0.00
8,200.0	0.00	0.00	8,170.9	-296.1	317.0	433.8	0.00	0.00	0.00
8,300.0	0.00	0.00	8,270.9	-296.1	317.0	433.8	0.00	0.00	0.00
8,400.0	0.00	0.00	8,370.9	-296.1	317.0	433.8	0.00	0.00	0.00
8,468.1	0.00	0.00	8,439.0	-296.1	317.0	433.8	0.00	0.00	0.00
TD - 5-9D PBHL									

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,354.5	1,354.0	Green River		0.00	
3,303.1	3,284.0	TGR3		0.00	
4,146.2	4,119.0	Douglas Creek		0.00	
4,558.1	4,529.0	3PT MKR		0.00	
4,978.1	4,949.0	Black Shale Facies		0.00	
5,208.1	5,179.0	Castle Peak		0.00	
5,503.1	5,474.0	Uteland Butte		0.00	
5,568.1	5,539.0	CR 1		0.00	
5,743.1	5,714.0	Wasatch		0.00	
5,868.1	5,839.0	CR 2		0.00	
6,138.1	6,109.0	CR 3		0.00	
6,438.1	6,409.0	CR 4		0.00	
6,733.1	6,704.0	CR 4A		0.00	
6,838.1	6,809.0	CR 5		0.00	
7,028.1	6,999.0	CR 6		0.00	
7,358.1	7,329.0	CR 7		0.00	
8,468.1	8,439.0	TD		0.00	

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

This Agreement, made and entered into this the 8th day of March, 2011, by and between Marilyn R. Lott, Trustee of the Charles L. and Marilyn R. Lott Family Trust, Dated January 29, 1992, 1310 North 4700 West, Ogden, UT 84404-9550, (“Surface Owner”), and, Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver CO 80202, (“BBC”).

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases (“leases”) covering and affecting Section 9, Township 4 South, Range 6 West, USM, of Duchesne County, Utah; and,

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

WHEREAS, BBC, pursuant to its rights under the Leases, intends to drill the #5-9D-46 BTR well at a legal drill-site location in the SW1/4NW1/4 of Section 9, Township 4 South, Range 6 West, USM, Duchesne County, Utah; and,

WHEREAS, Surface Owner warrants ownership to the surface of at least specific portions of the S1/2NW1/4 Section 9, Township 4 South, Range 6 West, USM, Duchesne County, Utah, and which warranted ownership is further subject to all oil, gas and other mineral rights which are reserved for the use and benefit of the owners thereof; and,

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

BBC shall repair any fences and gates damaged by them during the course of their operations on the lands subject to this Agreement.

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

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

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

IN WITNESS WHEREOF, the parties have executed this Surface Damage Settlement Agreement effective as of the 8th day of March, 2011.

SURFACE OWNER : BILL BARRETT CORPORATION

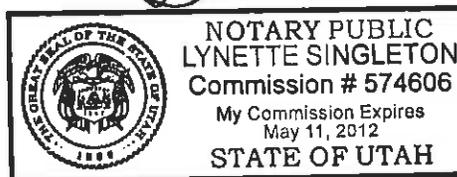
By: Marilyn R. Lott, Trustee By: Clint W. Turner
Marilyn R. Lott, Trustee trustee Clint W. Turner
As Agent for Bill Barrett Corporation

STATE OF UTAH)
COUNTY OF weber)

On the 9th day of March, 2011, personally appeared before me Marilyn R. Lott, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.

Lynette Singleton
Notary Public
Residing at: Ogden UT

My Commission Expires: 5/11/2012

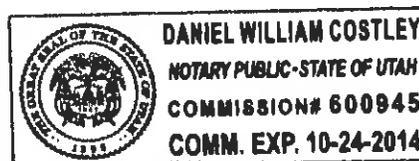


STATE OF UTAH)
COUNTY OF SALT LAKE)

On the 9 day of MAY, 2011, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

Daniel William Costley
Notary Public
Residing at:

My Commission Expires: 10-24-2014



STATE OF UTAH
COUNTY OF DUCHESNE

SURFACE LAND USE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, Peatross Ranch LLC, whose mailing address is P.O. Box 661, Duchesne, UT 84021-0661, (hereinafter referred to as GRANTOR, whether one or more), is the owner of the surface of the following described property located in Duchesne County, Utah , to-wit:

TOWNSHIP 4 SOUTH, RANGE 6 WEST, USM
Section 9: SW1/4NE1/4, NW1/4SE1/4, SW1/4SE1/4

See Exhibit "A"

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

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

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

Grantee shall repair or replace any fences damaged by them, their employees or contractors with a new fence that will be exactly the same type of fence that is damaged. Grantee shall also reseed the pipeline damaged area with native grasses. It is agreed that Grantee will install up to two (2) cattleguards and necessary fencing, at Grantee's expense, at a location(s) to be mutually agreed upon by the parties at the time of construction. Grantee shall exercise all due care regarding the road and pipeline running across, by and through the existing spring area to protect the integrity thereof. Grantee shall also prevent undue dust creation in its use of the subject road and pipeline.

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

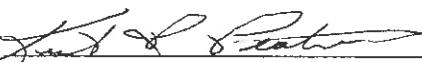
The making, execution and delivery of this document by Grantor has been induced by no representations, statements, warranties, or other agreements other than those herein expressed. This agreement embodies the entire understanding of the parties, and this instrument may be amended or modified only by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

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

IN WITNESS WHEREOF, this Surface Land Use Agreement is executed as of the dates of the respective acknowledgments of the parties hereto, but is effective as of the 8th day of March, 2011.

GRANTOR:

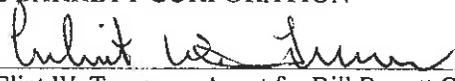
PEATROSS RANCH LLC

By: 
Kent Peatross
Its: Managing Partner

Date: July 22, 11

GRANTEE:

BILL BARRETT CORPORATION

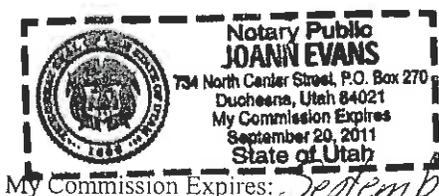
By: 
Clint W. Turner, as Agent for Bill Barrett Corporation

ACKNOWLEDGMENT

STATE OF UTAH
COUNTY OF DUCHESNE

On this 21 day of July, 2011, before me personally appeared Kent Peatross, known to me to be the person who is described in and who executed the within instrument and acknowledged to me that he executed the same.

WITNESS my hand and official seal.



Jo Ann Evans
Notary Public
Residing at: 734 North Center St
Duchesne, Utah
84021

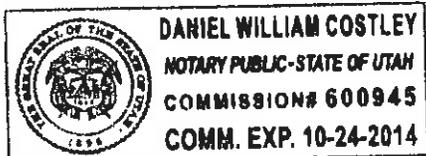
My Commission Expires: September 20, 2011

ACKNOWLEDGMENT

STATE OF UTAH
COUNTY OF SALT LAKE

On this 16th day of July, 2011, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent for Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

My Commission Expires: 10-24-2014



Daniel William Costley
Notary Public
Residing at:

STATE OF UTAH
COUNTY OF DUCHESNE

SURFACE LAND USE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, ~~Ray ^{Curt} Wood~~ Patricia Lynn Woodruff, whose mailing address is 1390 Broadway, #B156, Placerville, CA 95667-5900, (hereinafter referred to as GRANTOR, whether one or more) is the owner of the surface of the following described property located in Duchesne County, Utah, to-wit:

TOWNSHIP 4 SOUTH, RANGE 6 WEST, USM
Section 9: NE1/4SE1/4

See Exhibit "A" and "B"

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

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

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

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

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

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

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

IN WITNESS WHEREOF, this Surface Land Use Agreement is executed as of the dates of the respective acknowledgments of the parties hereto, but is effective as of the 8th day of March, 2011.

GRANTORS:

By: _____
Ray E. Woodruff *RW*

By: *Patricia Lynn Woodruff*
Patricia Lynn Woodruff

GRANTEE:

BILL BARRETT CORPORATION

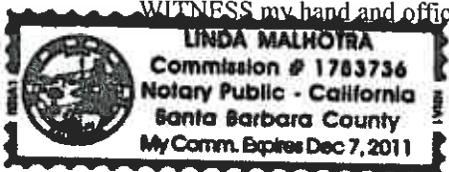
By: *Clint W. Turner*
Clint W. Turner, as Agent for Bill Barrett Corporation

ACKNOWLEDGMENTS

STATE OF CALIFORNIA
COUNTY OF Santa Barbara

On this 23 day of MARCH, 2011, before me personally appeared ~~Ray~~ and Patricia L. Woodruff, known to me to be the persons who are described in and who executed the within instrument and acknowledged to me that they executed the same.

WITNESS my hand and official seal.



[Handwritten Signature]

Notary Public
Residing at:

THE UPS STORE
315 MEIGS RD A
SANTA BARBARA, CA 93109

My Commission Expires: DEC 7, 2011

ACKNOWLEDGMENT

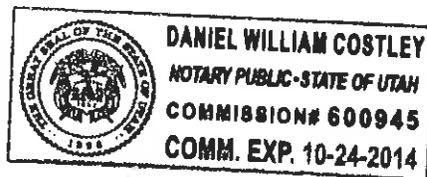
STATE OF UTAH
COUNTY OF SALT LAKE

On this 9th day of May, 2011, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent for Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

My Commission Expires: 10-24-2014

[Handwritten Signature]

Notary Public
Residing at:



AFFIDAVIT OF POSSESSION, USE, AND OCCUPANCY
(Of Lands)

State: UTAH

County: DUCHESNE

Affiant: Patricia Lynn Woodruff

1390 Broadway, #B156, Placerville, CA 95667-5900

Affiant on oath swears that the following statements are true:

My name is Patricia Lynn Woodruff. I am over the age of twenty-one (21) years, and am familiar with the possession of the following lands (the "Lands") located in Duchesne County, Utah.

Township 4 South, Range 6 West, USM:

SEC. 9: NE1/4SE1/4 (40 acres, more or less)

Be it known that about twenty years (20) ago, Ray E. Woodruff and I, Patricia Lynn Woodruff, were divorced. I have since considered myself to be in possession of the land as I have paid the taxes in their entirety for all these years and continue to do so. Ray E. Woodruff has not made any claim to this land, nor is it known as to his whereabouts. My possession of the Lands has been in open, adverse, peaceable, and undisputed possession of the Lands for more than twenty (20) years.

There have been no adverse claims made against me, and, I am unaware of any person claiming ownership or possession of the Lands other than myself.

Affiant


Patricia Lynn Woodruff

Date:

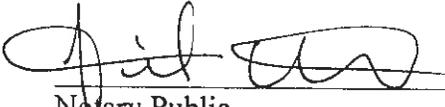
March 23, 2011

ACKNOWLEDGMENT

STATE OF CALIFORNIA
COUNTY OF Santa Barbara

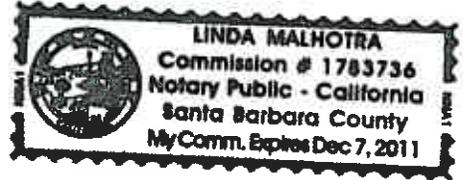
On this 23 day of MARCH, 2011, before me personally appeared Patricia Lynn Woodruff, known to me to be the person who is described in and who executed the within instrument and acknowledged to me that she executed the same.

WITNESS my hand and official seal.



Notary Public

Residing at: THE UPS STORE
315 MEIGS RD A
SANTA BARBARA, CA 93109



My Commission Expires: DEC 7, 2011

**STATE OF UTAH
COUNTY OF DUCHESNE**

SURFACE LAND USE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, David Oliver Leo, whose mailing address is 5025 North Clydebank Avenue, Covina, CA 91722-1114, (hereinafter referred to as GRANTOR, whether one or more), is the owner of the surface of the following described property located in Duchesne County, Utah , to-wit:

TOWNSHIP 4 SOUTH, RANGE 6 WEST, USM
Section 9: SE1/4SE1/4

See Exhibit "A" and "B"

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

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

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

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

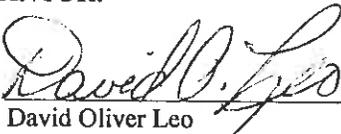
Upon abandonment of the facilities Grantee shall restore such facilities to as near its original condition as possible and shall furnish a recordable document evidencing such abandonment to Grantor, or Grantor's successors in interest, and all rights that Grantee has under the terms of this Agreement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

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

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

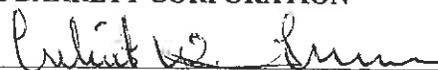
IN WITNESS WHEREOF, this Surface Land Use Agreement is executed as of the dates of the respective acknowledgments of the parties hereto, but is effective as of the 8th day of March, 2011.

GRANTOR:

By: 
David Oliver Leo

GRANTEE:

BILL BARRETT CORPORATION

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

ACKNOWLEDGMENTS

STATE OF CALIFORNIA
COUNTY OF Los Angeles

On this 17th day of April, 2011, before me personally appeared David Oliver Leo, known to me to be the person who is described in and who executed the within instrument and acknowledged to me that he executed the same.



Loren H. Oesterle
Notary Public
Residing at:

My Commission Expires: 08-10-2013

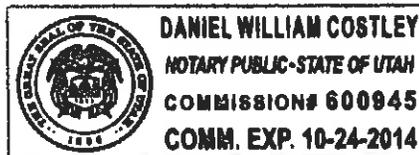
ACKNOWLEDGMENT

STATE OF UTAH
COUNTY OF SALT LAKE

On this 9th day of May, 2011, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent for Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

My Commission Expires: 10-24-2014

Daniel William Costley
Notary Public
Residing at:



SURFACE USE PLAN**BILL BARRETT CORPORATION
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, Utah**

<u>5-9D-46 BTR</u>	<u>8H-9-46 BTR</u>
SWNW, 1684' FNL & 496' FWL, Sec. 9, T4S-R6W (surface hole) SWNW, 1980' FNL & 810' FWL, Sec. 9, T4S-R6W (bottom hole)	SWNW, 1679' FNL & 511' FWL, Sec. 9, T4S-R6W (surface hole) SENE, 1980' FNL & 810' FEL, Sec. 9, T4S-R6W (bottom hole)

The onsite inspection for this pad occurred on October 14, 2011 with the Tribe and on October 28, 2011 with the BLM. This is a new pad with a total of two proposed wells. Site-specific notes, conditions and plat changes requested at the onsite are reflected within this APD and summarized below.

- a) Raptor survey required if construction is proposed between May 1 and July 15;
- b) Numerous CMP's as noted on Figure 1;
- c) Straight-wall pit to the extent possible to minimize cut;
- d) Relocated pit spoils from corners B & C to corners B & 4, pit topsoil from corners 6 & C to corners 3 & 4 and pad topsoil from corners 2 & 8 to corners 2 & 3;
- e) Round corner 8 to the extent possible;

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 pad is located approximately 12.5 miles west of Duchesne, Utah. Maps and directions reflecting the route to the proposed well pad 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 6.6 miles and provides access to the planned new access road.
- c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

- 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 permits are required.
- f. All existing roads would be maintained and kept in good repair during all phases of operation.

2. Planned Access Road:

- a. Approximately 8,260 feet of new access road trending northwest is planned from the proposed 8-16D-46 BTR access road. The 8-16D-46 BTR access road has been applied for and continues an additional 4,130 feet to the existing Skitzzy Road (see Topographic Map B). The proposed access road crosses both private (6,873 feet) and Ute Tribe surface (1,387 feet).
- 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 pad.
- 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.

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

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 48-inch, four 36-inch, one 24-inch culverts and two low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- l. All access roads and surface disturbing activities would conform to the appropriate standard, **no higher than necessary**, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition – Revised 2007.
- m. The operator would be responsible for all maintenance needs of the new access road.

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

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

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

4. Location of Production Facilities

- a. Surface facilities would consist of a wellhead, separator, gas meter, combustor, (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 ESP or gas lift unit, electrical or with a natural gas or diesel fired motor, solar panels, solar chemical and methanol pumps and one trace pump. See attached proposed facility diagram.

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

- b. Most wells would be fitted with a pump jack or Roto-flex unit or ESP or gas lift to assist liquid production. The prime mover for pump jacks or Roto-flex units would be small (100 horsepower or less), electric motor or natural gas or diesel fired internal combustion engines. If a gas lift is installed, it would be set on a 10 ft x 25 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 electricity.
- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.
- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
- f. Approximately 8,405 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 southeast to the proposed 8-16D-46 BTR pipeline corridor. The 8-16D-46 BTR pipeline corridor has been applied for and continues 4,130 feet to the existing pipeline corridor for the 7-3-56 DLB. Pipelines would be constructed of steel, polyethylene or fiberglass. The pipeline crosses both private (7,033 feet) and Ute Tribe surface (1,372 feet).
- 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 pad and access roads would facilitate the staging of the pipeline construction.

Bill Barrett Corporation
 Surface Use Plan
 5-9D-46 BTR & 8H-9-46 BTR Pad
 Duchesne County, UT

- 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 Beetle Green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- k. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.
- l. The pad 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.

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

- 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 for each well.

6. Source of Construction Material:

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

7. Methods of Handling Waste Disposal:

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

Bill Barrett Corporation
 Surface Use Plan
 5-9D-46 BTR & 8H-9-46 BTR Pad
 Duchesne County, UT

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

- g. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- h. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- i. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and 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.

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

- l. A flare pit may be constructed a minimum of 110 feet from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
 - m. Hydrocarbons would be removed from the reserve pit would as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.
8. Ancillary Facilities:
- a. Garbage containers and portable toilets would be located on the well pad.
 - b. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.
 - c. A powerline corridor is not proposed at this time but may be applied for in the future.
9. Well Pad Layout:
- a. Each 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 384 feet x 255 feet with an inboard reserve pit size of 235 feet x 70 feet x 8 feet deep. See section 12.d below for disturbance estimates.
 - e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
 - f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

- 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 pad to prevent surface waters from entering the well pad area.
- j. Water application may be implemented if necessary to minimize the amount of fugitive dust.
- k. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Restoration of the Surface:

- a. A site specific reclamation plan would be submitted, if requested, within 90 days of location construction to the surface managing agency.
- b. Pad 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 pad 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

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

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 pad and stored for more than one year would be placed at the location indicated on the well pad 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 –
 - o Charles L & Marilyn R. Lott (pad, access and pipeline segment);
 - o Peatross Ranch LLC (access and pipeline corridors);
 - o Ray E & Patricia Lynn Woodruff (access and pipeline corridors);
 - o David O. Leo (access and pipeline corridors);
 - o Ute Indian Tribe (access and pipeline corridors);
- 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 as MOAC Report No. 10-255 dated May 10, 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.

Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

d. Disturbance estimates:

Approximate Acreage Disturbances

Well Pad		4.066	acres
Access	8260 feet	5.689	acres
Pipeline	8405 feet	5.789	acres
	Total	15.544	acres

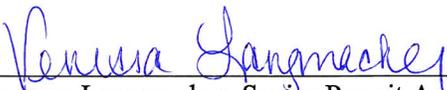
Bill Barrett Corporation
Surface Use Plan
5-9D-46 BTR & 8H-9-46 BTR Pad
Duchesne County, UT

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.

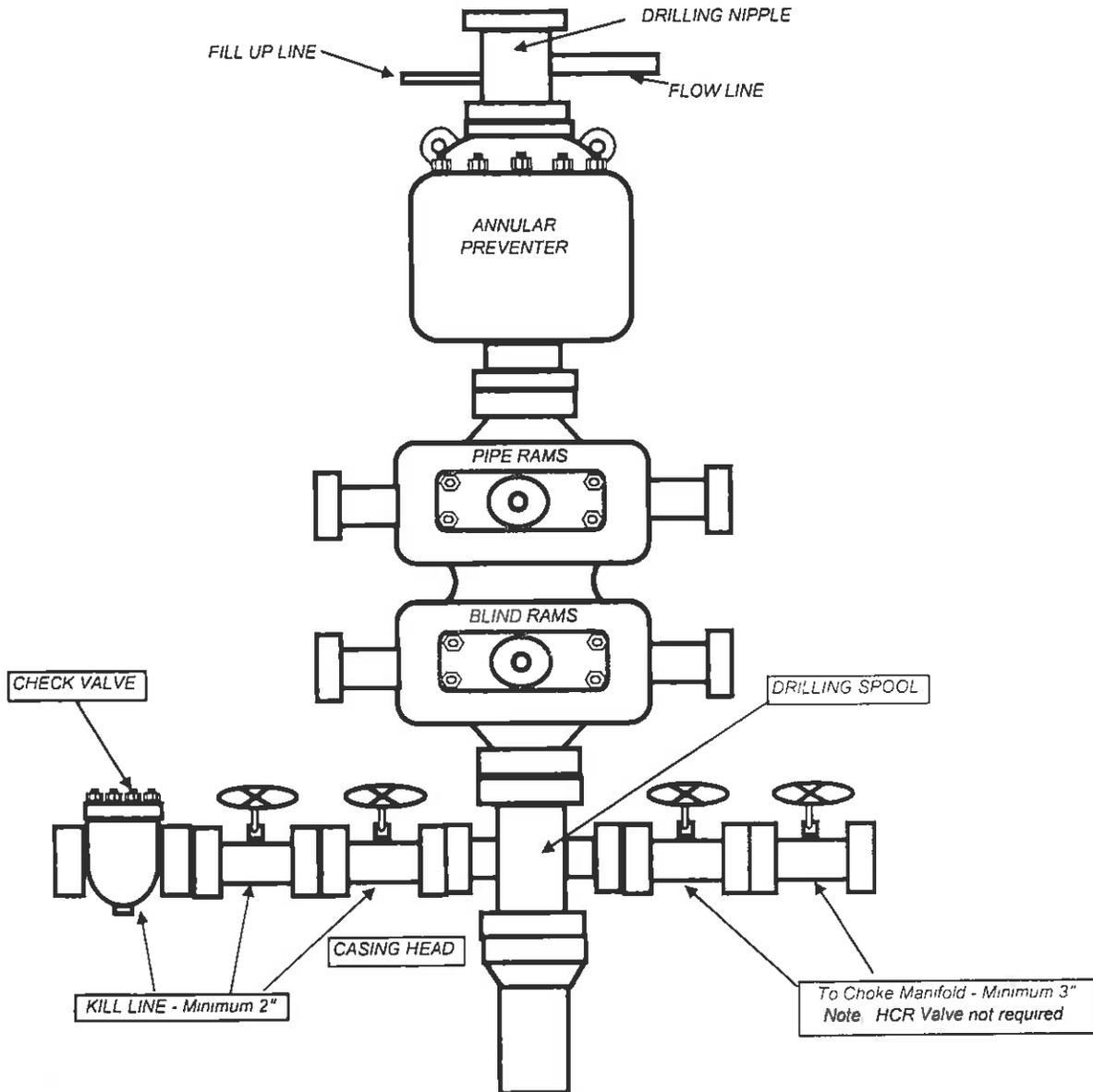
Executed this 2nd day of December 2011
Name: Venessa Langmacher
Position Title: Senior Permit Analyst
Address: 1099 18th Street, Suite 2300, Denver, CO 80202
Telephone: 303-312-8172
E-mail: vlangmacher@billbarrettcorp.com
Field Representative Kary Eldredge / Bill Barrett Corporation
Address: 1820 W. Highway 40, Roosevelt, UT 84066
Telephone: 435-725-3515 (office); 435-724-6789 (mobile)
E-mail: keldredge@billbarrettcorp.com



Venessa Langmacher, Senior Permit Analyst

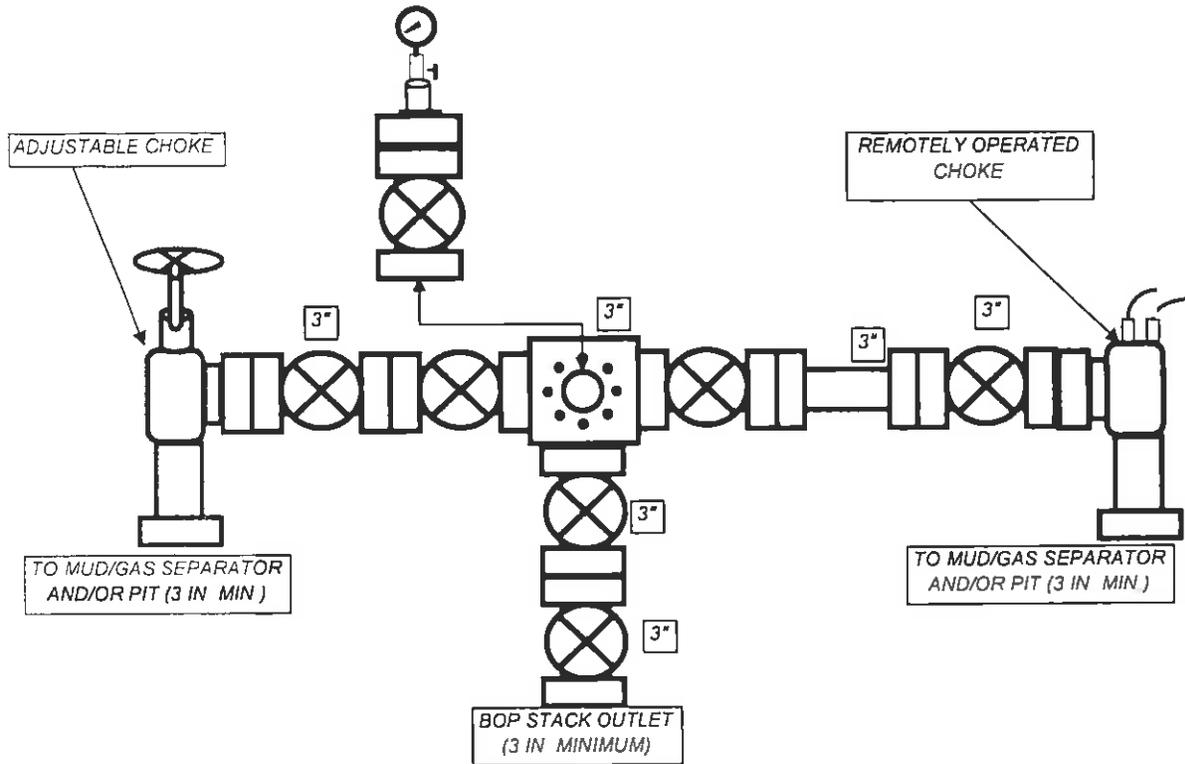
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

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





December 5, 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 #5-9D-46 BTR Well
Surface: 1684' FNL & 496' FWL, SWNW, 9-T4S-R6W, USM
Bottom Hole: 1980' FNL & 810' FWL, SWNW, 9-T4S-R6W, USM
Duchesne County, Utah

Dear Ms. Mason,

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

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

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

Sincerely,

A handwritten signature in blue ink that reads "David Watts" with a stylized flourish underneath.

David Watts
Landman

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

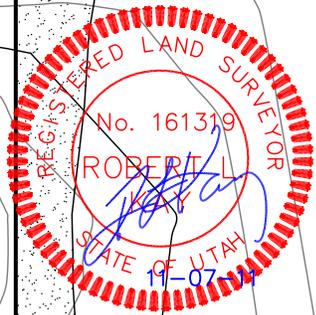
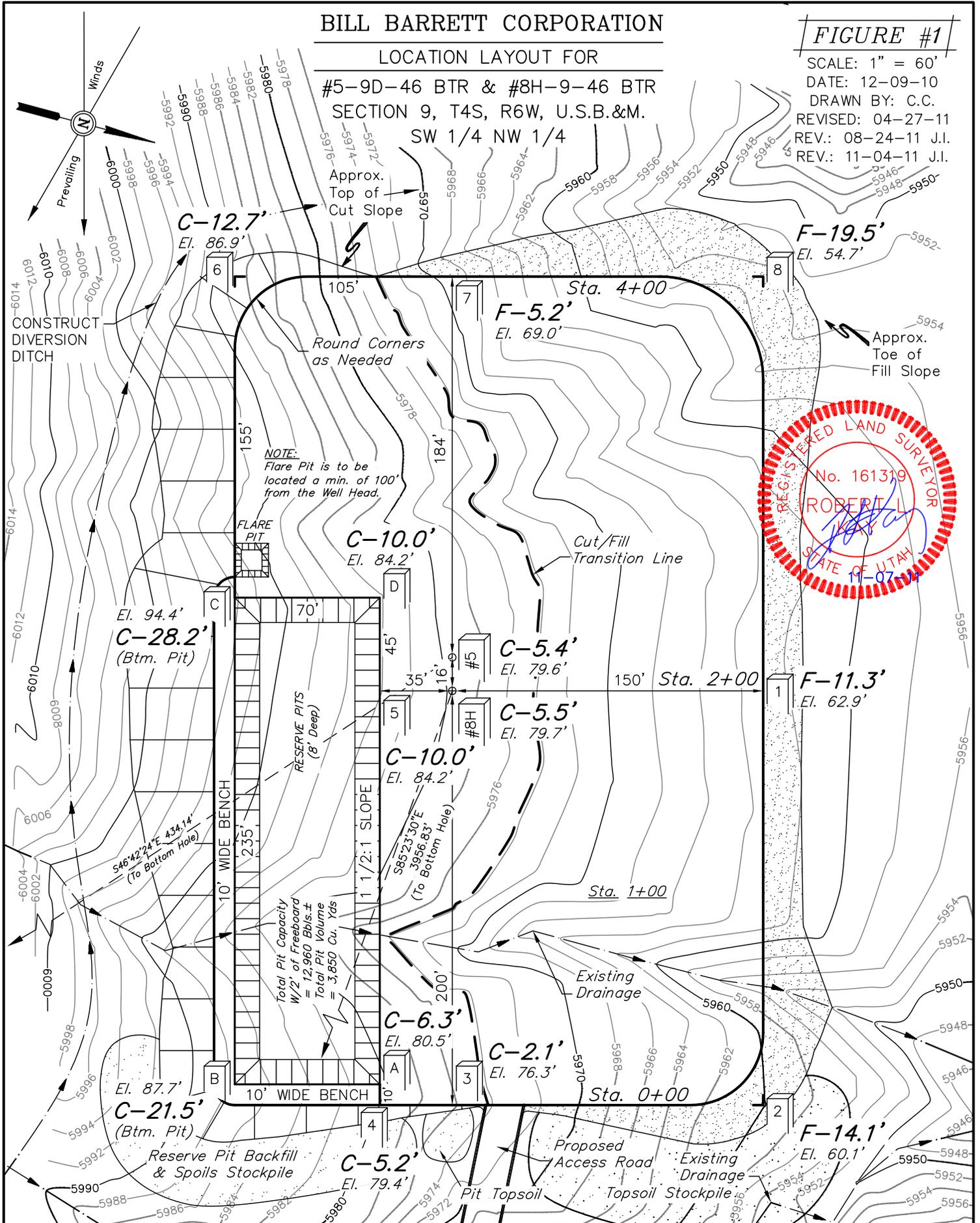
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

#5-9D-46 BTR & #8H-9-46 BTR
SECTION 9, T4S, R6W, U.S.B.&M.
SW 1/4 NW 1/4

FIGURE #1

SCALE: 1" = 60'
DATE: 12-09-10
DRAWN BY: C.C.
REVISED: 04-27-11
REV.: 08-24-11 J.I.
REV.: 11-04-11 J.I.



Elev. Ungraded Ground At #8H-9-46 BTR Loc. Stake = 5979.7', UTAH ENGINEERING & LAND SURVEYING
 FINISHED GRADE ELEV. AT #8H-9-46 BTR LOC. STAKE = 5974.2' 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BILL BARRETT CORPORATION

FIGURE #2

TYPICAL CROSS SECTIONS FOR

#5-9D-46 BTR & #8H-9-46 BTR

SECTION 9, T4S, R6W, U.S.B.&M.

SW 1/4 NW 1/4

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

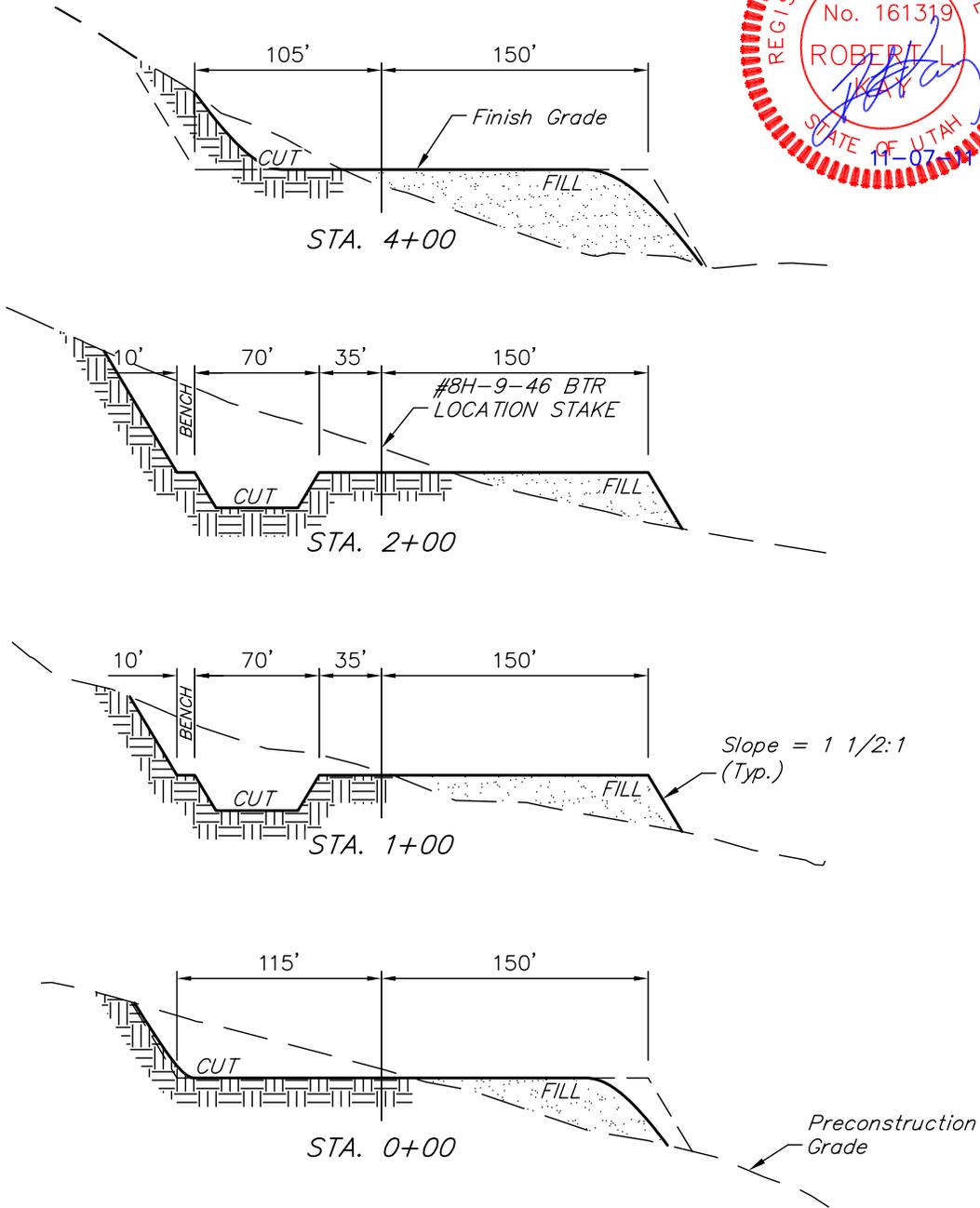
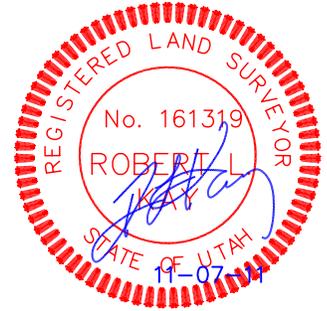
DATE: 12-09-10

DRAWN BY: C.C.

REV.: 02-17-11

REV.: 08-24-11 J.I.

REV.: 11-04-11 J.I.



NOTE:

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

APPROXIMATE ACREAGES
 WELL SITE DISTURBANCE = ± 4.066 ACRES
 ACCESS ROAD DISTURBANCE = ± 5.689 ACRES
 PIPELINE DISTURBANCE = ± 5.789 ACRES
 TOTAL = ± 15.544 ACRES

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	2,620 Cu. Yds.
Remaining Location	=	22,620 Cu. Yds.
TOTAL CUT	=	25,240 CU.YDS.
FILL	=	20,690 CU.YDS.

EXCESS MATERIAL	=	4,550 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,550 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

#5-9D-46 BTR & #8H-9-46 BTR
SECTION 9, T4S, R6W, U.S.B.&M.
SW 1/4 NW 1/4

FIGURE #3

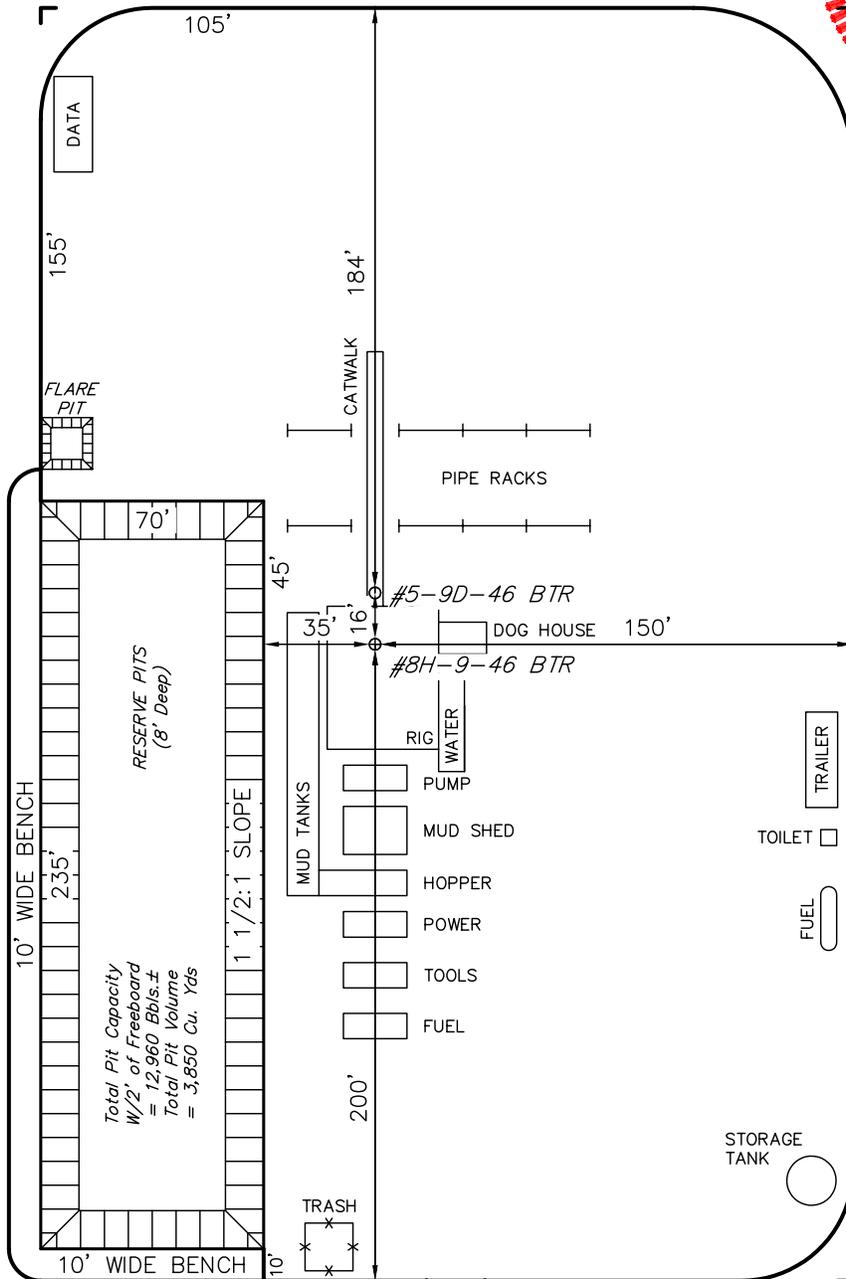
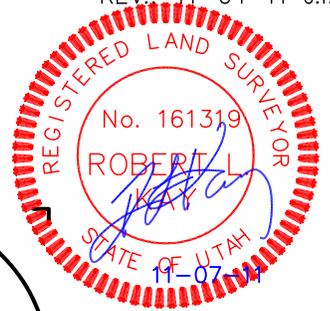
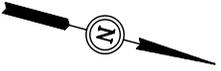
SCALE: 1" = 60'

DATE: 12-09-10

DRAWN BY: C.C.

REV.: 08-24-11 J.I.

REV.: 11-04-11 J.I.



Proposed Access Road

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

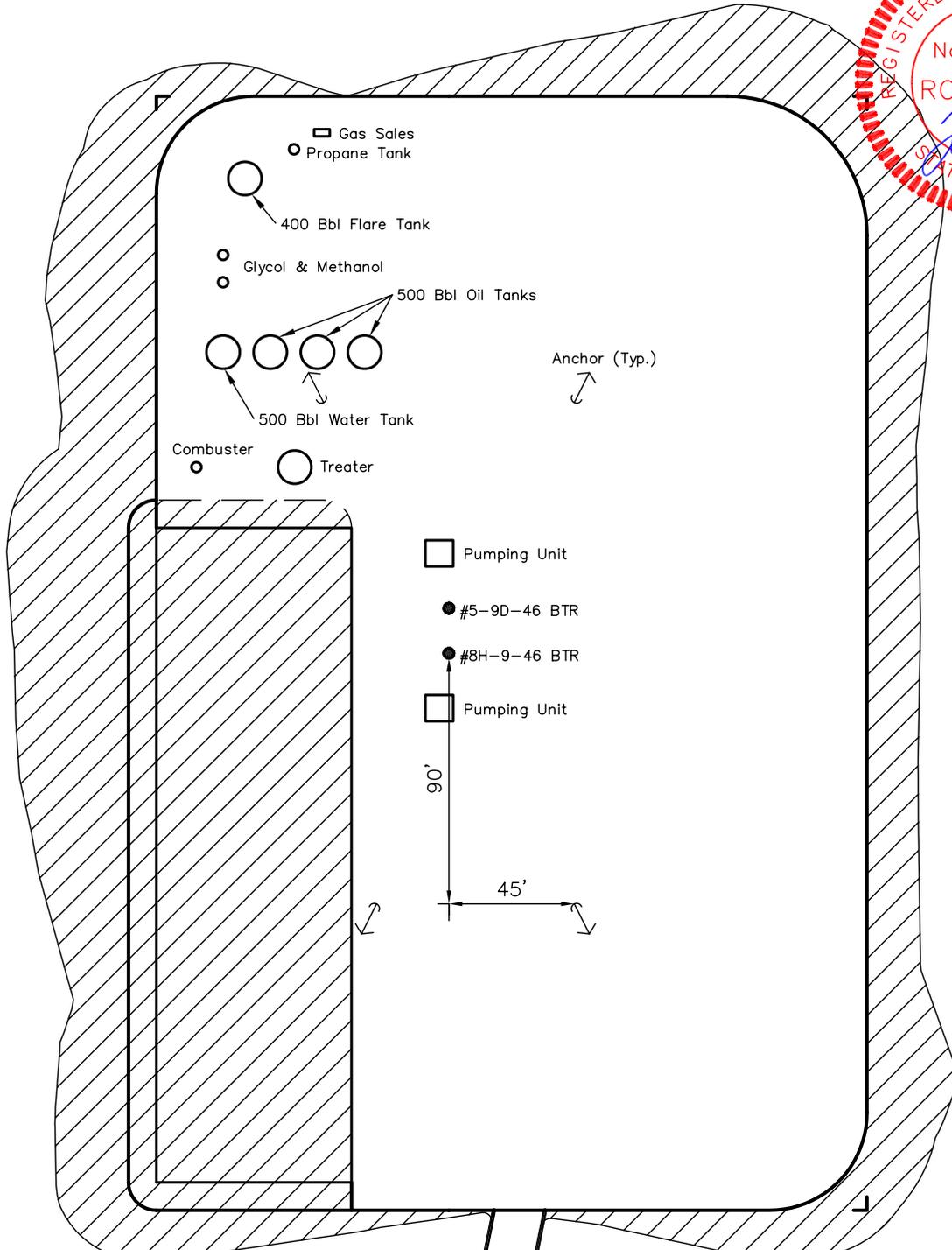
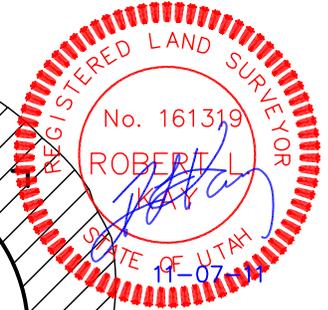
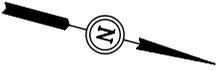
RECEIVED: December 05, 2011

BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR
#5-9D-46 BTR & #8H-9-46 BTR
SECTION 9, T4S, R6W, U.S.B.&M.
SW 1/4 NW 1/4

FIGURE #3

SCALE: 1" = 60'
DATE: 07-18-11
DRAWN BY: S.B.
REV.: 07-22-11
REV.: 08-24-11 J.I.
REV.: 11-04-11 J.I.



- Pumping Unit
 - #5-9D-46 BTR
 - #8H-9-46 BTR
 - Pumping Unit
- 90'
- 45'

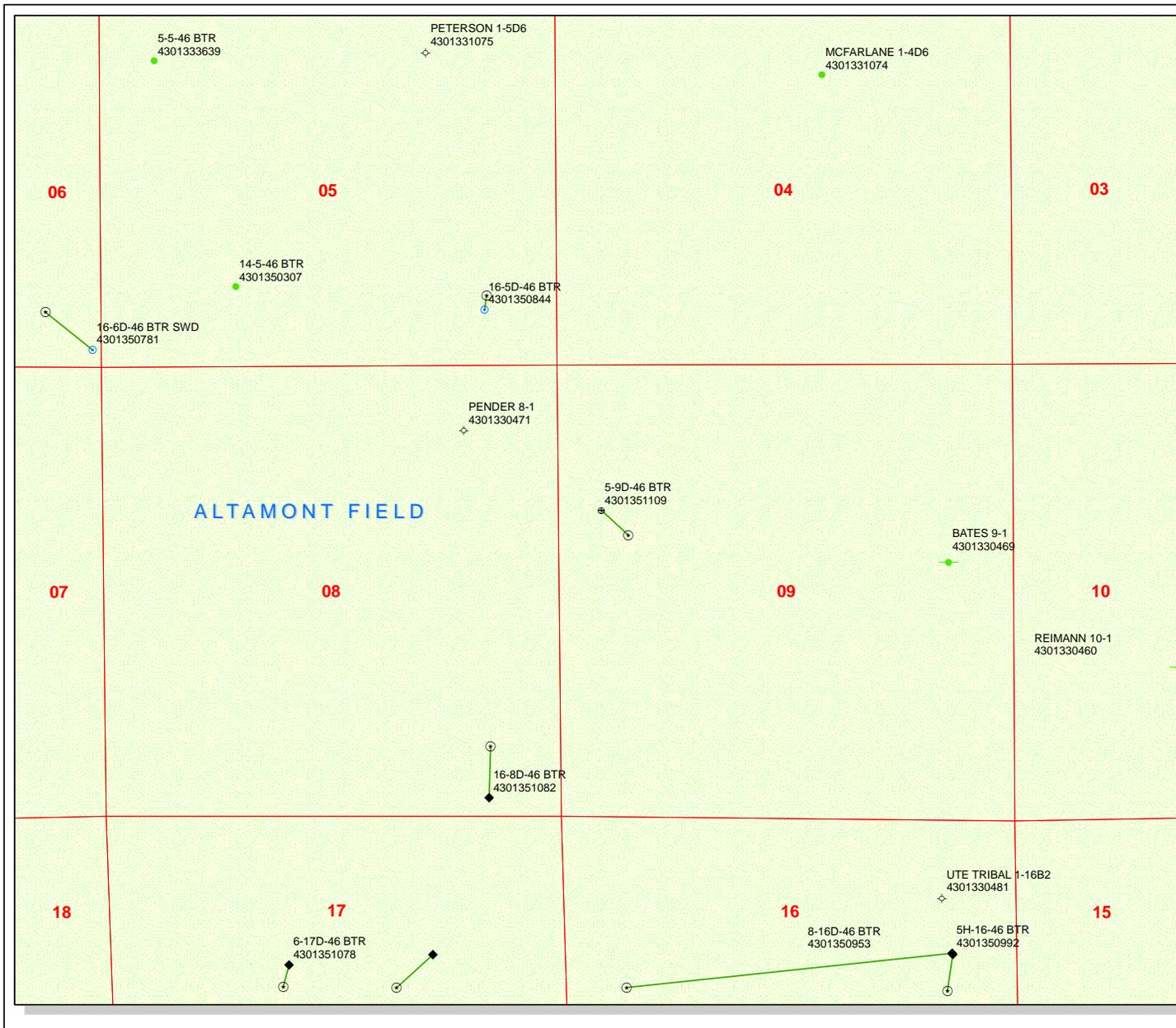
Proposed Access Road

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.908 ACRES

INTERIM RECLAMATION

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

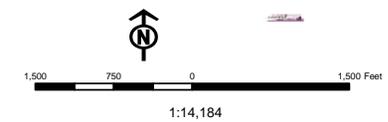
RECEIVED: December 05, 2011



API Number: 4301351109
Well Name: 5-9D-46 BTR
Township T0.4 . Range R0.6 . Section 09
Meridian: UBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



Berm Required? Y

Drop off to river flood plain nearby

Erosion Sedimentation Control Required? N**Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		25 1 Sensitivity Level

Characteristics / Requirements

The reserve pit is 235ft by 70ft by 8ft deep. It is placed mostly in cut on the high side of the location and will be in a stable location. A 20 mil liner and felt subliner must be used.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 20 Pit Underlayment Required? Y**Other Observations / Comments**

This location was previously onsite by the BLM.

Richard Powell
Evaluator

1/19/2012
Date / Time

Application for Permit to Drill Statement of Basis

2/7/2012

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5010	43013511090000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Charles and Marilyn Lott	
Well Name	5-9D-46 BTR		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	SWNW 9 4S 6W U 1684 FNL (UTM) 536141E 4444497N		496 FWL	GPS Coord	

Geologic Statement of Basis

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

Brad Hill
APD Evaluator

2/6/2012
Date / Time

Surface Statement of Basis

This is to be a 2 well pad shared with the 8H-9-46 BTR (API #43-013-51140). The mineral ownership for this well is Indian and the surface ownership is fee. Surface owner Marilyn Lott was invited to attend this onsite inspection but was unable to attend. Ms. Lott stated no concerns with drilling at this site. The location sits on a bench and slopes to the north toward the Strawberry river. Approximately 500 ft to the north the bench drops off a sheer ledge to the river flodd plain. Due to these slopes and proximity of the river the need of a location berm was discussed and agreed to. Also, due to permeability of soil and rock which may require blasting a 20 mil liner with felt subliner was agreed to. Drainage diversions are to be constructed around both the east and west sides of the location.

Richard Powell
Onsite Evaluator

1/19/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/5/2011

API NO. ASSIGNED: 43013511090000

WELL NAME: 5-9D-46 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SWNW 09 040S 060W

Permit Tech Review:

SURFACE: 1684 FNL 0496 FWL

Engineering Review:

BOTTOM: 1980 FNL 0810 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.15005

LONGITUDE: -110.57568

UTM SURF EASTINGS: 536141.00

NORTHINGS: 4444497.00

FIELD NAME: ALTAMONT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 2OG0005608

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - LPM8874725
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 43-180
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
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: 5-9D-46 BTR
API Well Number: 43013511090000
Lease Number: 2OG0005608
Surface Owner: FEE (PRIVATE)
Approval Date: 2/7/2012

Issued to:

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

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

General:

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

Conditions of Approval:

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

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

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

Notification Requirements:

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

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

API Well No: 43013511090000

(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

RECEIVED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 13 2011

APPLICATION FOR PERMIT TO DRILL OR REENTER **BLM**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 2OG0005608
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator BILL BARRETT CORPORATION Contact: VENESSA LANGMACHER E-Mail: vlangmacher@billbarrettcorp.com		7. If Unit or CA Agreement, Name and No.
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420	8. Lease Name and Well No. 5-9D-46 BTR
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNW 1684FNL 496FWL 40.149978 N Lat, 110.575692 W Lon At proposed prod. zone SWNW 1980FNL 810FWL 40.149164 N Lat, 110.574561 W Lon		9. API Well No. 43-013-51109.
14. Distance in miles and direction from nearest town or post office* 12.5 MILES WEST OF DUCHESNE, UT	10. Field and Pool, or Exploratory ALTAMONT	11. Sec., T., R., M., or Blk. and Survey or Area Sec 9 T4S R6W Mer UBM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 810' (BOTTOM HOLE)	16. No. of Acres in Lease 66101.00	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 2129' (P&A)	19. Proposed Depth 8468 MD 8439 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5980 GL	22. Approximate date work will start 01/01/2013	17. Spacing Unit dedicated to this well 640.00
24. Attachments		20. BLM/BIA Bond No. on file LPM8874725
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:		23. Estimated duration 60 DAYS (D&C)

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

25. Signature (Electronic Submission)	Name (Printed/Typed) VENESSA LANGMACHER Ph: 303-312-8172	Date 12/06/2011
Title SENIOR PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JUN 11 2012
Title Assistant Field Manager Lands & Mineral Resources	Office INTERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

Additional Operator Remarks (see next page)

Electronic Submission #124961 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 12/14/2011 ()

DIV. OF OIL, GAS & MINING

RECEIVED

JUN 19 2012

NOTICE OF APPROVAL

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

12330859AE

MOS 9/29/2011

UDOGM



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: 5-9D-46 BTR
API No: 43-013-51063

Location: NWSW, Sec. 4, T4S, R5W
Lease No: 14-20-H62-6281
Agreement: N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL for private surface portions:

- Any deviation of submitted APD's, which includes BBCs surface use plan, any ROW applications, and the surface access agreement the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Production facilities will be painted Beetle Green to help blend in with the surrounding habitat.
- Wood that will be removed will be piled up along well access road, and around well pad. This can be used by the land owners, or for reclamation purposes.
- The reserve pit will be lined with a 20 mil liner with felt to help prevent any leaks from occurring and affecting soils and vegetation in the surround area.
- All production equipment that contains fluids should have a berm around them to prevent leaks from affecting resources outside the pad area. This berm should be able to hold 110% of the largest capacity.
- Topsoil will be used for reclamation purposes only and should be separated from any other material and be identifiable onsite.
- The pit spoils pile will be moved from corners B & C to corners B & 4, pit topsoil will be moved from corners 6 & C to corners 3 & 4 and pad topsoil will be moved from corners 2 & 8 to corners 2 & 3 as agreed upon during the onsite investigation. Corner #8 of the proposed pad will also be rounded to the best extent possible to minimize fill.
- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM for possible seed mixes to use in the project area. If reclamation onsite is deemed inadequate a site specific reclamation plan will need to be developed. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

Additional Stipulations for tribal portions of the proposed action:

- All construction of the road and pipeline must stay within the approved area within the ROW

application and approval by the Ute Tribe.

- See Exhibit One of the approved EA U&O-FY12-Q2-071 for additional mitigation measures that must be followed for the proposed road and pipeline. There are also site specific COAs of concern towards the back of that document that must be adhered to.

General Conditions of Approval on Tribal Lands:

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

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

SITE SPECIFIC DOWNHOLE COAs:

- A CBL shall be run from TD to TOC on the production casing.

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 BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (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
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-H62-6281
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah
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: 5-9D-46 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FNL 0496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 04.0S Range: 06.0W Meridian: U	9. API NUMBER: 43013511090000
9. FIELD and POOL or WILDCAT: ALTAMONT	COUNTY: DUCHESNE
9. PHONE NUMBER: 303 312-8164 Ext	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: 6/1/2013	<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.

BBC requests a one year extension for the subject APD.

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

Date: February 19, 2013

By:

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 1/21/2013	



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 43013511090000

API: 43013511090000

Well Name: 5-9D-46 BTR

Location: 1684 FNL 0496 FWL QTR SWNW SEC 09 TWNP 040S RNG 060W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 2/7/2012

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: 1/21/2013

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-H62-6281
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: Uintah
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 5-9D-46 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013511090000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FNL 0496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 12/31/2013 <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>This well spud on 12/31/13 at 3:15 pm by Triple A Drilling; Rig #TA4037, Rig Type Soilmecc SR/30. Continuous drilling operations are planned to commence on 1/20/14.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 07, 2014</p>		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 1/6/2014	

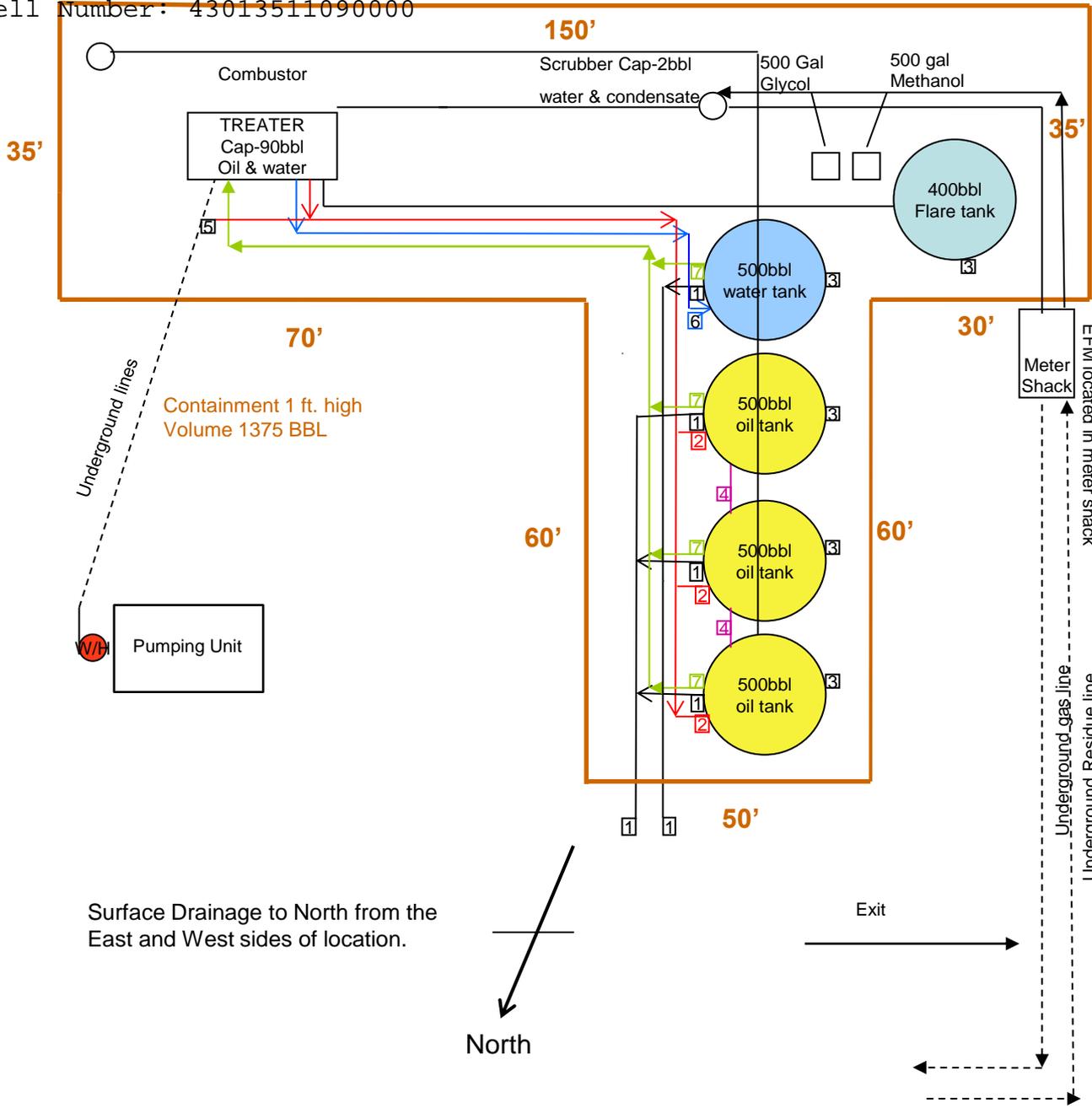
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6281
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 5-9D-46 BTR
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013511090000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FNL 0496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/9/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well had first production on 5/6/2014, first gas sales on 5/7/2014 and first oil sales on 5/9/2014.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 12, 2014
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 5/12/2014

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6281	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 5-9D-46 BTR	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013511090000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FNL 0496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/2/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="SSD"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached please find the SSD for this pad.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 03, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 6/2/2014	

Sundry Number: 51732 API Well Number: 43013511090000

BILL BARRETT CORPORATION
 FEE surface/tribal minerals
 BTR 5-9D-46
 SW¼ NW¼ SEC 9,T4S, R6W,
 Lease # BIA EDA 20G0005608/1420H626281
 API # 43-013-51109-0000
 Duchesne Co. Utah

Site Security Plan Located at
 Bill Barrett Corporation
 Roosevelt Office
 ROUTE 3 BOX 3110
 1820 W HIGHWAY 40
 ROOSEVELT, UT 84066



- 1 - 4" LOAD LINE
- Production Phase – sealed closed
- Sales Phase- open to load Production bought
- 2 – 3" PRODUCTION IN
- Production Phase – open
- Sales Phase – sealed close
- 3 – 4" DRAIN
- Production Phase – sealed closed
- Sales Phase – sealed closed
- Drain water – open
- 4 – 4" UPPER EQUALIZER
- Production Phase – open
- Sales Phase – sealed close
- 5 – BYPASS
- 6 – 3" WATER LINES
- Production Phase – open
- No Sales Phase
- 7- 2" RECYCLE/SKIM
- Production – open
- Sales – sealed closed
- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank for emergency pressure relief of treater

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6281	
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: 5-9D-46 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	
9. API NUMBER: 43013511090000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	
PHONE NUMBER: 303 312-8134 Ext	
9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FNL 0496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 04.0S Range: 06.0W Meridian: U	
COUNTY: DUCHESNE	
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2014	<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.

Attached is the May 2014 Drilling Activity for this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 05, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 6/5/2014	

**05-9D-46 BTR 5/1/2014 06:00 - 5/2/2014 06:00**

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	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	HEAT FRAC LINE

05-9D-46 BTR 5/2/2014 06:00 - 5/3/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU CASED HOLE SOLUTIONS WITH 5" 5K LUBE.
09:00	2.50	11:30	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 0 PSI. RIH AND CORRELATE TO SJ AT 4982'-5002'. RUN DOWN AND PERF CR-4, CR-4A, AND CR-5 FORM 6689'-6960' WITH 45 HOLES IN 15' NET (HAD BAD CAPS, 2-MISFIRES. RUN BACK IN TO FINISH PERFS). POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
11:30	5.00	16:30	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
16:30	13.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE FOR NIGHT.

05-9D-46 BTR 5/3/2014 06:00 - 5/4/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	SMTG	Safety Meeting	AOL 05:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA.
06:15	1.25	07:30	FRAC	Frac. Job	FRAC STG 1 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 361 PSI AT 06:15 BREAK DOWN 2803 PSI AT 5.5 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 11.2 BPM AT 1876 PSI. FLUSH W/ 6531 GAL. 30.9 BPM AT 2434 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 72.7 BPM AT 3328 PSI. ISDP 1816. FG .70. PERFS OPEN 32/45 ISIP 2016, FG .73, MR 70.6 BPM, AR 70.2 BPM, MP 3082 PSI, AP 2682 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, and 4.0 ppg SLK WTR 1459 BBL, 20# HYBOR G (16) 1496 BBL, BTR 3060 BBLS SHUT IN AND TURN OVER TO CASED HOLE.
07:30	1.09	08:35	PFRT	Perforating	PERF STG #2- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 1750 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4982'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 6658' WITH 1750 PSI. PULL UP AND PERF CR 3 AND CR 4 FORM 6356'-6636' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1450 PSI. TURN WELL OVER TO HES.
08:35	1.42	10:00	FRAC	Frac. Job	FRAC STG 2 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 665 PSI AT 08:42 BREAK DOWN 2972 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.0 BPM AT 2113 PSI. FLUSH W/ 6206 GAL. 29.6 BPM AT 2577 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 3176 PSI. ISDP 1953. FG .74. PERFS OPEN 44/45 ISIP 2114, FG .76, MR 70.8 BPM, AR 70.5 BPM, MP 3166 PSI, AP 2879 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, AND 4.0 ppg SLK WTR 1449 BBL, 20# HYBOR G (16) 1520 BBL, BTR 3062 BBLS SHUT IN AND TURN OVER TO CASED HOLE.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
10:00	0.92	10:55	PFRT	Perforating	PERF STG #3- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE 1900 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4982'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 6346' WITH 1750 PSI. PULL UP AND PERF CR 2 AND CR 3 FORM 6111'-6329' WITH 39 HOLES IN 13' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1700 PSI. TURN WELL OVER TO HES.
10:55	1.33	12:15	FRAC	Frac. Job	FRAC STG 3 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 1742 PSI AT 10:57 BREAK DOWN 2257 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 78 BIO BALLS FOR DIVERSION. 10.0 BPM AT 1737 PSI. FLUSH W/ 5967 GAL. 29.8 BPM AT 2192 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 3033 PSI. ISDP 1847. FG .73. PERFS OPEN 39/39 ISIP 1927, FG .75, MR 70.6 BPM, AR 70.4 BPM, MP 3550 PSI, AP 2762 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1453 BBL, 20# HYBOR G (16) 1500 BBL, BTR 3061 BBLs SHUT IN AND TURN OVER TO CASED HOLE.
12:15	0.92	13:10	PFRT	Perforating	PERF STG #4- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 1900 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4892'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 6099' WITH 1800 PSI. PULL UP AND PERF WASATCH AND CR 4 FORM 5851'-6079' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1600 PSI. TURN WELL OVER TO HES.
13:10	1.25	14:25	FRAC	Frac. Job	FRAC STG 4 PRESSURE TEST LINES TO 7200 PSI. OPEN WELL W/ 1333 PSI AT 13:16 BREAK DOWN 2159 PSI AT 10.0 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1504 PSI. FLUSH W/ 5713 GAL. 29.8 BPM AT 2167 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.1 BPM AT 2691 PSI. ISDP 1643. FG .71. PERFS OPEN 44/45 ISIP 1996, FG .77, MR 71.1 BPM, AR 70.7 BPM, MP 2757 PSI, AP 2523 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1421 BBL, 20# HYBOR G (16) 1543 BBL, BTR 3056 BBLs TURN OVER TO CASED HOLE.
14:25	1.00	15:25	PFRT	Perforating	PERF STG #5- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 5 INTO LUBE AND EQUALIZE 1750 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4892'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 5841' WITH 1750 PSI. PULL UP AND PERF UTELAND BUTTE, CR 1, AND WASATCH FORM 5543'-5823' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1400 PSI. SHUT WELL IN FOR NIGHT.
15:25	14.57	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

05-9D-46 BTR 5/4/2014 06:00 - 5/5/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	SMTG	Safety Meeting	AOL 06:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:45	1.25	08:00	FRAC	Frac. Job	FRAC STG 5 PRESSURE TEST LINES TO 9300 PSI. OPEN WELL W/ 1218 PSI AT 06:48 BREAK DOWN 1598 PSI AT 9.8 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1325 PSI. FLUSH W/ 5412 GAL. 31.1 BPM AT 1737 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 68.8 BPM AT 2393 PSI. ISDP 1475. FG .71. PERFS OPEN 45/45 ISIP 1847, FG .76, MR 71.4 BPM, AR 70.7 BPM, MP 2516 PSI, AP 2323 PSI 100 MESH 13,700 lbs .75 ppg 20/40 WHITE 149,600 lbs 1.0, 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1159 BBL, 20# HYBOR G (16) 1948 BBL, BTR 3199 BBLs TURN OVER TO CASEDHOLE.
08:00	0.92	08:55	PFRT	Perforating	PERF STG #6- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 6 INTO LUBE AND EQUALIZE 1500 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4892'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 5529' WITH 1400 PSI. PULL UP AND PERF CASTLE PEAK FORM 5262'-5509' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 750 PSI. TURN WELL OVER TO HES.
08:55	1.50	10:25	FRAC	Frac. Job	FRAC STG 6 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 806 PSI AT 08:58 BREAK DOWN 1166 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1089 PSI. FLUSH W/ 5138 GAL. 29.9 BPM AT 1473 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 68.4 BPM AT 2365 PSI. ISDP 1175. FG .66. PERFS OPEN 37/45 ISIP 1495, FG .72, MR 71.8 BPM, AR 70.7 BPM, MP 2282 PSI, AP 2048 PSI 100 MESH 13,600 lbs .75 ppg 20/40 WHITE 149,900 lbs 1.0, 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1230 BBL, 20# HYBOR G (16) 2009 BBL, BTR 3320 BBLs TURN OVER TO CASEDHOLE.
10:25	0.75	11:10	WLWK	Wireline	KILL PLUG- PU 5-1/2" EXELIS PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 1400 PSI. RIH AND CORRELATE TO SHORT JT 4982'-5002. SET KILL PLUG AT 5162' WITH 1200 PSI. BLEED OFF AS POOH.
11:10	3.00	14:10	SRIG	Rig Up/Down	RDMO HES AND CASEDHOLE.
14:10	15.83	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE. STACK WTR FOR RIG. MOVE FRAC LINE OFF LOCATION.

05-9D-46 BTR 5/5/2014 06:00 - 5/6/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM
07:00	0.50	07:30	RMOV	Rig Move	ROAD RIG TO LOCATION. ND FRAC VALVES. NU BOP AND HYDRIL.
07:30	1.00	08:30	SRIG	Rig Up/Down	RUSU.
08:30	1.50	10:00	GOP	General Operations	SET CATWALK AND PIPE RACKS. UNLOAD TBG.
10:00	2.50	12:30	RUTB	Run Tubing	MU 4-3/4" BIT, 1-JT, SN AND RIH ON TBG. TAC KILL PLG W/ 162 JTS IN.
12:30	1.00	13:30	PTST	Pressure Test	RU PWR SWIVEL. FILL TBG AND PRES TEST BOP, ANNULAR, AND LINES TO 2000 PSI. GOOD.
13:30	3.50	17:00	DOPG	Drill Out Plugs	CBP #1 AT 5162'. 0' SAND. D/O PLUG. FCP 500 PSI. 20 CHOKE. (DRILL OUT TO TREATER AS DUMPING SAND TRAP) CBP #2 AT 5529'. 58' SAND. D/O PLUG. FCP 700 PSI. 20 CHOKE. CBP #3 AT 5841'. 27' SAND. D/O PLUG. FCP 650 PSI. 20 CHOKE. CBP #4 AT 6099'. 22' SAND. D/O PLUG. FCP 900 PSI. 20 CHOKE. CBP #5 AT 6346'. 18' SAND. D/O PLUG. FCP 1000 PSI. 20 CHOKE. CIRC CLEAN.
17:00	13.00	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL FLOWING TO FB CREW AND PRODUCTION.

**05-9D-46 BTR 5/6/2014 06:00 - 5/7/2014 06:00**

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM. BRAKES ON RIG GAVE UP AND BLOCKS FELL IN THE NIGHT.
07:00	2.00	09:00	DTIM	Downtime	WELL FLOWING 1000 PSI ON 24 CHOKE. SHUT WELL IN. INSPECT DRUM. PU BLOCKS. CUT OFF SANDLINE AND POUR NEW SOCKET.
09:00	1.50	10:30	RUTB	Run Tubing	RIH W/ TBG TO TAG CBP. PUMP DOWN TBG. D/O PLUG #6 AT 6660'. 2' SAND. FCP 900 PSI. RIH TO TAG 3' FILL ON FC AT 7071'. D/O FC AND 34' CMT TO PBTD AT 7105'.
10:30	1.00	11:30	GOP	General Operations	CIRC CLEAN. RD PWR SWIVEL.
11:30	1.00	12:30	PULT	Pull Tubing	POOH S LD 62-JTS TBG. LUBE IN AND LAND HANGER. TBG DETAIL KB 13.00 HANGER .85 160-JTS 2-7/8" L-80 5090.74 2.31 XN NIPPLE 1.40 1-JT 2-7/8" L-80 31.85 POBS .65 EOT AT 5138.54'.
12:30	1.00	13:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. POBS AT 4000 PSI. SITP 925 PSI. SICIP 900 PSI.
13:30	1.00	14:30	SRIG	Rig Up/Down	RDSU. RACK OUT EQUIP. CLEAN LOCATION
14:30	2.00	16:30	RMOV	Rig Move	ROAD RIG TO NEXT LOCATION. CREW TRAVEL.
16:30	13.50	06:00	FBCK	Flowback Well	WELL TURNED OVER TO FBC AND PRODUCTION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
1420H626281

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator **BILL BARRETT CORPORATION** Contact: **CHRISTINA HIRTLER**
E-Mail: **chirtler@billbarrettcorp.com**

3. Address **1099 18TH STREET SUITE 2300 DENVER, CO 80202** 3a. Phone No. (include area code) **Ph: 303-312-8597**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Sec 9 T4S R6W Mer UBM SWNW 1684FNL 496FWL**
At top prod interval reported below **Sec 9 T4S R6W Mer UBM SWNW 1944FNL 832FWL**
At total depth **Sec 9 T4S R6E Mer UBM SWNW 1982FNL 836FWL**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **5-9D-46 BTR**

9. API Well No. **43-013-51109**

10. Field and Pool, or Exploratory **ALTAMONT**

11. Sec., T., R., M., or Block and Survey or Area **Sec 9 T4S R6W Mer UBM**

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

14. Date Spudded **12/31/2013** 15. Date T.D. Reached **03/26/2014** 16. Date Completed D & A Ready to Prod. **05/06/2014**

17. Elevations (DF, KB, RT, GL)* **5980 GL**

18. Total Depth: MD **7120** TVD **7088** 19. Plug Back T.D.: MD **7050** TVD **7018** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **MUD,CBL**

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24.000	16.000 COND	65.0		80	80				
12.250	9.625 J-55	36.0		1245	1235	390	143		
8.750	5.500 P-110	17.0		7152	7140	1265	390	2452	

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	5139							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	5262	5768	5262 TO 6960	0.380	264	OPEN
B) WASATCH	5789	6960				
C)						
D)						

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

Depth Interval	Amount and Type of Material
5262 TO 5768	GREEN RIVER SEE STAGES 5-6
5789 TO 6960	WASATCH SEE STAGES 1-5

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
05/06/2014	05/11/2014	24	→	587.0	616.0	1211.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
26/64	SI 750	1650.0	→	587	616	1211		POW	

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #247873 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	1570
				MAHOGANY	2141
				DOUGLAS CREEK	4180
				BLACK SHALE FACIES	5018
				CASTLE PEAK	5252
				UTELAND BUTTE	5538
				WASATCH	5770
				TD	7152

32. Additional remarks (include plugging procedure):

CBL was Calculated by CBL. Conductor cemented with grout. Attached is treatment data. First oil sales was on 5/9/2014. First Gas sales was on 5/7/2014.

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 #247873 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal**

Name (please print) CHRISTINA HIRTLER Title PERMIT ANALYST

Signature (Electronic Submission) Date 06/03/2014

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

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

RECEIVED: Jun. 03, 2014

5-9D-46 BTR Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 Premium White</u>	<u>gal 15% HCl Acid</u>
1	3060		150000	3904
2	3062		150100	3416
3	3061		150000	3400
4	3056		150000	3565
5	3199	13700	149600	3614
6	3320	13640	149990	3545

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

**05-9D-46 BTR 3/19/2014 06:00 - 3/20/2014 06:00**

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RIG DOWN, MOVE RIG, RIG UP
18:00	6.50	00:30	1	RIGUP & TEARDOWN	RIG UP
00:30	5.00	05:30	9	CUT OFF DRILL LINE	SLIP ON NEW SPOOL OF DRILLING LINE
05:30	0.50	06:00	14	NIPPLE UP B.O.P	NIPPLE UP TO CONDUCTOR PIPE, ROTATING HEAD, SPACER SPOOL, FLOW LINE, AND FLARE LINE

05-9D-46 BTR 3/20/2014 06:00 - 3/21/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	14	NIPPLE UP B.O.P	NIPPLE UP CONDUCTOR, ROT HEAD, & FLOWLINE, SET UP RACKS, UNLOAD CASING
11:00	3.00	14:00	21	OPEN	SET UP RACKS, LOAD & STRAP BHA
14:00	2.00	16:00	20	DIRECTIONAL WORK	MAKE UP BIT, MM, & DIR. TOOLS
16:00	14.00	06:00	2	DRILL ACTUAL	TAG @ 80', DRILL ACTUAL F/80' - T/995' - 915' @ 65.4'/HR. WOB = 14K, 60 RPM

05-9D-46 BTR 3/21/2014 06:00 - 3/22/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	DRILL ACTUAL F/995' - T/1245' = TD
08:00	1.00	09:00	5	COND MUD & CIRC	PUMP SWEEP & CIRCULATE
09:00	1.50	10:30	6	TRIPS	WIPER TRIP TO DRILL COLLARS
10:30	1.00	11:30	6	TRIPS	TIH
11:30	1.00	12:30	5	COND MUD & CIRC	PUMP SWEEP & CIRCULATE
12:30	2.50	15:00	6	TRIPS	TOOH/LDDP
15:00	2.50	17:30	12	RUN CASING & CEMENT	RIG UP TO RUN 9 5/8" SURFACE CASING
17:30	3.50	21:00	12	RUN CASING & CEMENT	RUN 30 JOINTS - 1234' OF 9 5/8" J55 36# ST&C CASING W/8 CENTRALIZERS
21:00	1.50	22:30	5	COND MUD & CIRC	CIRCULATE, RECIPRICATE PIPE UP FAST/DOWN SLOW
22:30	4.50	03:00	12	RUN CASING & CEMENT	R/U, SAFETY MEETING, FILL LINES WITH 3BBLs, TEST LINES, HOLD FOR 3+ MINUTES, PUMP 20BBLs WATER SPACER, FULL RETURNS, PUMP 40 BBL OF 10# SUPER FLUSH FULL RETURNS, PUMP 20 BBLs WATER FULL RETURNS, PUMP 84 BBLs 150 SKS LEAD @ 11# 3.16 YLD, 19.43GPS, FULL RETURNS, PUMP 58.5BBLs 240 SKS TAIL @ 14.8#, 1.37 YLD, 6.62GPS, FULL RETURNS, CLEAN PUMP AND LINES TO PIT, DROP 9 5/8 HALLIBURTON PLUG, PUMP 92.3 BBLs DISPLACEMENT, FULL RETURNS THROUGHOUT, CEMENT RETURNS AT 33 BBLs IN. GOOD CEMENT RETURNS AT 37BBLs IN. 55BBLs OF CEMENT TO SURFACE, SLOW RATE AT 82BBLs AWAY TO LAND PLUG, STOP DISPLACEMENT AT 94BBLs INTO DISPLACEMENT, PLUG DID NOT BUMP, HAD 400PSI CIRCULATING PRESSURE PRIOR TO SHUTDOWN, CALCULATED LAND PSI WAS 349 PSI, 1.7 BBLs PUMPED OVER DISPLACEMENT WAS APPROXIMATELY HALF OF THE SHOE JOINT VOLUME OF 3.16BBLs, CHECK FLOATS, .5BBLs BACK TO SURFACE, FLOATS HELD. R/D CEMENT HEAD AND RIG UP 1" PIPE FOR TOP OUT, PUMP WATER TO ESTABLISH FLOW IN 1" LINE, 15BBLs TOP OUT CEMENT, 73 SKS MIXED AT 15.8#, 1.17 YLD, 5.00 GPS, GOOD CEMENT IN RETURNS, PUMP WATER TO CLEAR CEMENT FROM LINES, RIG DOWN HALLIBURTON
03:00	3.00	06:00	13	WAIT ON CEMENT	WAIT ON CEMENT

05-9D-46 BTR 3/22/2014 06:00 - 3/23/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	13	WAIT ON CEMENT	WAIT ON CEMENT
07:00	0.50	07:30	7	LUBRICATE RIG	RIG SERVICE
07:30	1.00	08:30	8	REPAIR RIG	REPAIR RIGHT ANGLE DRIVE
08:30	9.00	17:30	21	OPEN	NIPPLE DOWN, CUT OFF CASING, WELD ON WELLHEAD
17:30	4.00	21:30	14	NIPPLE UP B.O.P	NIPPLE UP B.O.P.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
21:30	3.00	00:30	15	TEST B.O.P	TEST LOWER KELLY VALVE, SAFETY VALVE, PIPE RAMS INSIDE VALVES, HCR, OUTSIDE KILL LINE VALVES, CHOKE LINE, CHECK VALVE, UPRIGHT GAGE VALVE, BLIND RAMS, AND INSIDE MANIFOLD VALVES ALL TO 5000PSI FOR 10 MIN. - TEST ANNULAR TO 1500PSI - SUPER CHOKE 500PSI 5MIN. - TEST CSG TO 1500PSI FOR 30MIN. TESTED USING B&C QUICK TEST.
00:30	0.50	01:00	21	OPEN	LOAD RACKS, STRAP BHA
01:00	1.50	02:30	21	OPEN	SET WEAR BUSHING, PULL WEAR BUSHING (WRONG SIZE)
02:30	2.50	05:00	20	DIRECTIONAL WORK	MAKE UP BIT & MM, SCRIBE & ORIENTATE TOOL
05:00	1.00	06:00	6	TRIPS	TIH

05-9D-46 BTR 3/23/2014 06:00 - 3/24/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	6	TRIPS	TIH, TAG CEMENT @ 1108'
06:30	2.00	08:30	2	DRILL ACTUAL	DRILL OUT CEMENT, FLOAT, & SHOE TO 1265'
08:30	0.50	09:00	21	OPEN	FIT TEST, TEST PSI = 138PSI, LOST 30 PSI IN 5 MINUTES TO 108 PSI
09:00	8.50	17:30	2	DRILL ACTUAL	DRILL ACTUAL F/1265' - T/2136' - 872' @ 102.6'/HR. WOB = 8-14K, 45-55 RPM
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	1.00	19:00	2	DRILL ACTUAL	DRILL ACTUAL F/2136' - T/2262' - 126' @ 126'/HR. WOB=8-14K, 45-55RPM
19:00	0.50	19:30	8	REPAIR RIG	REPAIR PUMP #2
19:30	10.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/2262' - T/3130' - 868' @ 82.6'/HR. WOB=8-14K, 45-65RPM

05-9D-46 BTR 3/24/2014 06:00 - 3/25/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	2	DRILL ACTUAL	DRILL ACTUAL F/3130' - T/3274' - 144' @ 96'/HR. WOB = 14-18K, 50-65RPM
07:30	0.50	08:00	7	LUBRICATE RIG	RIG SERVICE
08:00	2.00	10:00	8	REPAIR RIG	WELD GOOSENECK TO SEAL WASH OUT
10:00	20.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/3274' - T/4835' - 1561' @ 78'/HR. WOB = 14-18K, 50-65RPM

05-9D-46 BTR 3/25/2014 06:00 - 3/26/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRILL ACTUAL F/4835' - T/5805' - 970' @ 84.3'/HR. WOB = 14K, 55-60RPM
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5805' - T/6774' - 969' @ 80.8'/HR. WOB = 14K, 55-65RPM

05-9D-46 BTR 3/26/2014 06:00 - 3/27/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	2	DRILL ACTUAL	DRILL F/6774 T/ 7152 T.D.
15:00	1.50	16:30	5	COND MUD & CIRC	PUMP 2 HIGH VIS LCM SWEEPS & CIRCULATE OUT - SHAKERS CLEAN
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE - FLOW CHECK NEGATIVE
17:00	6.50	23:30	6	TRIPS	T.O.O.H. F/ 7152 T/ 180 - FILL HOLE CONTINUOUSLY WITH TRIP TANK 60BBLS - FUNCTION TEST ANNULAR & PIPE RAMS AFTER PULLING ROTATING HEAD
23:30	1.00	00:30	20	DIRECTIONAL WORK	PULL MWD TOOL - L/D REAMERS & BREAK BIT - FUNCTION TEST BLIND RAMS
00:30	0.50	01:00	21	OPEN	CLEAN RIG FLOOR & LOAD PIPE RACKS
01:00	5.00	06:00	6	TRIPS	M/U BIT T/ BIT SUB - T.I.H. F/ 0 T/3500

05-9D-46 BTR 3/27/2014 06:00 - 3/28/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	6	TRIPS	CONT. T.I.H. F/ 3500 T/ 7152
09:00	1.50	10:30	5	COND MUD & CIRC	PUMP HIGH VIS SWEEP & BUILD SLUG
10:30	5.50	16:00	6	TRIPS	L/D DRILL PIPE - FILL HOLE WITH TRIP TANK 50BBLS
16:00	6.50	22:30	21	OPEN	R/U HALLIBURTON WIRELINE & RUN LOGS - LOGGER TD 7152'
22:30	1.50	00:00	12	RUN CASING & CEMENT	R/U TOPDRIVE TO RUN CSG
00:00	6.00	06:00	12	RUN CASING & CEMENT	RUN 5 1/2 CSG T/6000' - FILL EVERY 2000'

05-9D-46 BTR 3/28/2014 06:00 - 3/29/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51109	UT	Duchesne	Black Tail Ridge	PRODUCING	7,152.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	12	RUN CASING & CEMENT	FINISH RUNNING TOTAL OF 163JTS 5 1/2 17# P-110 LTC CSG
08:00	3.50	11:30	5	COND MUD & CIRC	CIRCULATE AND CONDITION MUD FOR CEMENT
11:30	3.50	15:00	12	RUN CASING & CEMENT	Cement prod csg as follows: Press test lines to 5000 psi. Pump 40 bbls(39 sx) Tuned Spacer @10.7 ppg, 5.76 yld, 38.24 gps H2O. Mix and pump(410 sx) Lead Tuned Lite cmt @ 11 ppg, 2.34 yld, 10.61 gps H2O. Tail in w/1 bbls(855 sx) Econocem cmt @ 13.5 ppg, 1.45 yld, 6.85 gps H2O. Shutdown, wash lines to pit, drop plug. Displace w/164.8 bbls H2O w/Cla-web & Aldacide. Full returns, max press 1890 psi, bump plug to 2485 psi. 44BBLS CEMENT TO SURFACE. Bled back 2 bbls, floats held rd Halliburton.
15:00	3.00	18:00	22	OPEN	CLEAN TANKS - RIG RELEASED @ 18:00HRS - RIG DOWN

05-9D-46 BTR 4/1/2014 06:00 - 4/2/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51109	UT	Duchesne	Black Tail Ridge	PRODUCING	7,152.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	IWHD	Install Wellhead	N/D 11" NITE CAP. N/U 7" 5K TBG HEAD & TEST VOID AND SEALS. N/U 7" NITE CAP. SWI.

05-9D-46 BTR 4/5/2014 06:00 - 4/6/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51109	UT	Duchesne	Black Tail Ridge	PRODUCING	7,152.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	CTUW	W/L Operation	HOLD SAFETY MEETING. RU HES W/L. RIH GR/JB & TAG FILL AT 7018', 30' OF FILL, F/C AT 7048'. RAN CAST LOG. RAN CAST LOG UNDER PRESSURE F/ 6992' TO SURFACE. EST TOC 250'. 2700' TO 4400' ?, WAIT ON PROCESSED DATA TO LOOK @ FOR RESULTS. RD HES W/L. MOL. SDFN.

05-9D-46 BTR 4/28/2014 06:00 - 4/29/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51109	UT	Duchesne	Black Tail Ridge	PRODUCING	7,152.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 7" 5K X 5" 10K FRAC MANDREL. NU 5" 10K FRAC VALVES. PRES TEST CSG TO 8400 PSI, TEST FB EQUIP TO 2500/4500 PSI. ALL TEST GOOD. SECURE WELL.

05-9D-46 BTR 5/1/2014 06:00 - 5/2/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51109	UT	Duchesne	Black Tail Ridge	PRODUCING	7,152.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HEAT FRAC LINE

05-9D-46 BTR 5/2/2014 06:00 - 5/3/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51109	UT	Duchesne	Black Tail Ridge	PRODUCING	7,152.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU CASED HOLE SOLUTIONS WITH 5" 5K LUBE.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:00	2.50	11:30	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 0 PSI. RIH AND CORRELATE TO SJ AT 4982'-5002'. RUN DOWN AND PERF CR-4, CR-4A, AND CR-5 FORM 6689'-6960' WITH 45 HOLES IN 15' NET (HAD BAD CAPS, 2-MISFIRES. RUN BACK IN TO FINISH PERFS). POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
11:30	5.00	16:30	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
16:30	13.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE FOR NIGHT.

05-9D-46 BTR 5/3/2014 06:00 - 5/4/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	SMTG	Safety Meeting	AOL 05:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA.
06:15	1.25	07:30	FRAC	Frac. Job	FRAC STG 1 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 361 PSI AT 06:15 BREAK DOWN 2803 PSI AT 5.5 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 11.2 BPM AT 1876 PSI. FLUSH W/ 6531 GAL. 30.9 BPM AT 2434 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 72.7 BPM AT 3328 PSI. ISDP 1816. FG .70. PERFS OPEN 32/45 ISIP 2016, FG .73, MR 70.6 BPM, AR 70.2 BPM, MP 3082 PSI, AP 2682 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, and 4.0 ppg SLK WTR 1459 BBL, 20# HYBOR G (16) 1496 BBL, BTR 3060 BBLs SHUT IN AND TURN OVER TO CASED HOLE.
07:30	1.09	08:35	PFRT	Perforating	PERF STG #2- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 1750 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4982'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 6658' WITH 1750 PSI. PULL UP AND PERF CR 3 AND CR 4 FORM 6356'-6636' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1450 PSI. TURN WELL OVER TO HES.
08:35	1.42	10:00	FRAC	Frac. Job	FRAC STG 2 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 665 PSI AT 08:42 BREAK DOWN 2972 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.0 BPM AT 2113 PSI. FLUSH W/ 6206 GAL. 29.6 BPM AT 2577 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 3176 PSI. ISDP 1953. FG .74. PERFS OPEN 44/45 ISIP 2114, FG .76, MR 70.8 BPM, AR 70.5 BPM, MP 3166 PSI, AP 2879 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, AND 4.0 ppg SLK WTR 1449 BBL, 20# HYBOR G (16) 1520 BBL, BTR 3062 BBLs SHUT IN AND TURN OVER TO CASED HOLE.
10:00	0.92	10:55	PFRT	Perforating	PERF STG #3- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE 1900 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4982'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 6346' WITH 1750 PSI. PULL UP AND PERF CR 2 AND CR 3 FORM 6111'-6329' WITH 39 HOLES IN 13' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1700 PSI. TURN WELL OVER TO HES.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
10:55	1.33	12:15	FRAC	Frac. Job	FRAC STG 3 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 1742 PSI AT 10:57 BREAK DOWN 2257 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 78 BIO BALLS FOR DIVERSION. 10.0 BPM AT 1737 PSI. FLUSH W/ 5967 GAL. 29.8 BPM AT 2192 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 3033 PSI. ISDP 1847. FG .73. PERFS OPEN 39/39 ISIP 1927, FG .75, MR 70.6 BPM, AR 70.4 BPM, MP 3550 PSI, AP 2762 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1453 BBL, 20# HYBOR G (16) 1500 BBL, BTR 3061 BBLs SHUT IN AND TURN OVER TO CASED HOLE.	
12:15	0.92	13:10	PFRT	Perforating	PERF STG #4- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 1900 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4892'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 6099' WITH 1800 PSI. PULL UP AND PERF WASATCH AND CR 4 FORM 5851'-6079' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1600 PSI. TURN WELL OVER TO HES.	
13:10	1.25	14:25	FRAC	Frac. Job	FRAC STG 4 PRESSURE TEST LINES TO 7200 PSI. OPEN WELL W/ 1333 PSI AT 13:16 BREAK DOWN 2159 PSI AT 10.0 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1504 PSI. FLUSH W/ 5713 GAL. 29.8 BPM AT 2167 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.1 BPM AT 2691 PSI. ISDP 1643. FG .71. PERFS OPEN 44/45 ISIP 1996, FG .77, MR 71.1 BPM, AR 70.7 BPM, MP 2757 PSI, AP 2523 PSI 20/40 WHITE 150,000 lbs 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1421 BBL, 20# HYBOR G (16) 1543 BBL, BTR 3056 BBLs TURN OVER TO CASED HOLE.	
14:25	1.00	15:25	PFRT	Perforating	PERF STG #5- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 5 INTO LUBE AND EQUALIZE 1750 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4892'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 5841' WITH 1750 PSI. PULL UP AND PERF UTELAND BUTTE, CR 1, AND WASATCH FORM 5543'-5823' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1400 PSI. SHUT WELL IN FOR NIGHT.	
15:25	14.57	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.	

05-9D-46 BTR 5/4/2014 06:00 - 5/5/2014 06:00

API 43-013-51109	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 7,152.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.75	06:45	SMTG	Safety Meeting	AOL 06:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA.	
06:45	1.25	08:00	FRAC	Frac. Job	FRAC STG 5 PRESSURE TEST LINES TO 9300 PSI. OPEN WELL W/ 1218 PSI AT 06:48 BREAK DOWN 1598 PSI AT 9.8 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1325 PSI. FLUSH W/ 5412 GAL. 31.1 BPM AT 1737 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 68.8 BPM AT 2393 PSI. ISDP 1475. FG .71. PERFS OPEN 45/45 ISIP 1847, FG .76, MR 71.4 BPM, AR 70.7 BPM, MP 2516 PSI, AP 2323 PSI 100 MESH 13,700 lbs .75 ppg 20/40 WHITE 149,600 lbs 1.0, 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1159 BBL, 20# HYBOR G (16) 1948 BBL, BTR 3199 BBLs TURN OVER TO CASED HOLE.	



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:00	0.92	08:55	PFRT	Perforating	PERF STG #6- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 6 INTO LUBE AND EQUALIZE 1500 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 4892'-5002'. RUN DOWN AND SET 5-1/2" CBP AT 5529' WITH 1400 PSI. PULL UP AND PERF CASTLE PEAK FORM 5262'-5509' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 750 PSI. TURN WELL OVER TO HES.
08:55	1.50	10:25	FRAC	Frac. Job	FRAC STG 6 PRESSURE TEST LINES TO 9400 PSI. OPEN WELL W/ 806 PSI AT 08:58 BREAK DOWN 1166 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1089 PSI. FLUSH W/ 5138 GAL. 29.9 BPM AT 1473 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 68.4 BPM AT 2365 PSI. ISDP 1175. FG .66. PERFS OPEN 37/45 ISIP 1495, FG .72, MR 71.8 BPM, AR 70.7 BPM, MP 2282 PSI, AP 2048 PSI 100 MESH 13,600 lbs .75 ppg 20/40 WHITE 149,900 lbs 1.0, 2.0, 3.0, 3.5, 4.0 ppg SLK WTR 1230 BBL, 20# HYBOR G (16) 2009 BBL, BTR 3320 BBLs TURN OVER TO CASEDHOLE.
10:25	0.75	11:10	WLWK	Wireline	KILL PLUG- PU 5-1/2" EXELIS PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 1400 PSI. RIH AND CORRELATE TO SHORT JT 4982'-5002. SET KILL PLUG AT 5162' WITH 1200 PSI. BLEED OFF AS POOH.
11:10	3.00	14:10	SRIG	Rig Up/Down	RDMO HES AND CASEDHOLE.
14:10	15.83	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE. STACK WTR FOR RIG. MOVE FRAC LINE OFF LOCATION.

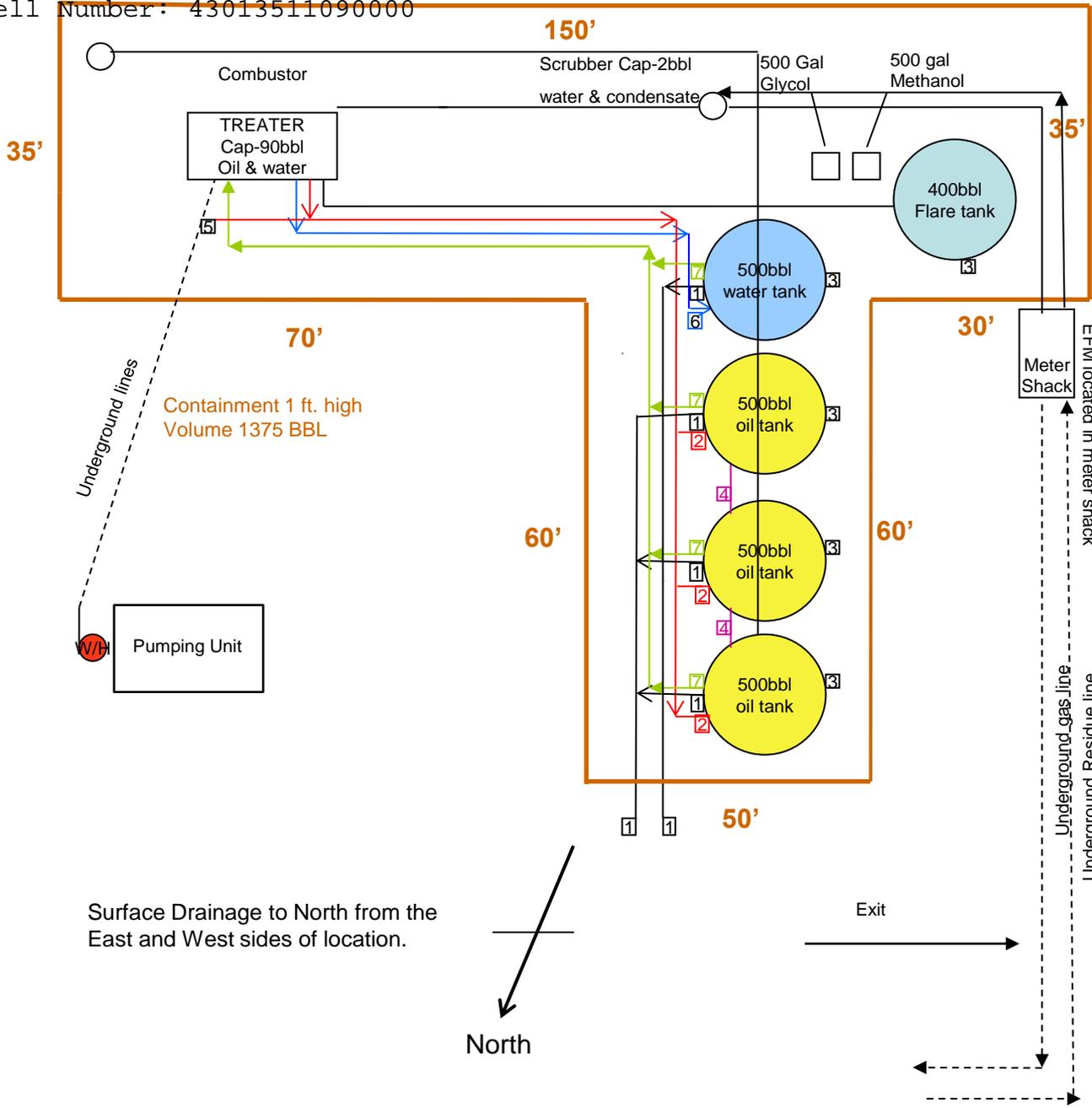
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626534	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 5-9D-46 BTR	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013511090000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FNL 0496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/6/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Lease"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The tribal lease has been earned for this well. The new lease number is 1420H626534.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 04, 2014			
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst	
SIGNATURE N/A		DATE 8/6/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626534
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: 5-9D-46 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013511090000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FNL 0496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 09 Township: 04.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/15/2015 <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
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="UPDATED CA & SSD"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PLEASE UPDATE RECORDS AND ADD THIS CA # TO THIS WELL. ATTACHED IS THE UPDATED SSD. CA# UTU91654		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 17, 2016		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/17/2016	

Sundry Number: 71852 API Well Number: 43013511090000

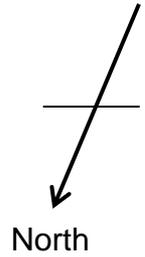
BILL BARRETT CORPORATION
 Surface - FEE
 BTR 5-9D-46
 SW¼ NW¼ SEC 9,T4S, R6W,
 MINERAL Lease # 14-20-H62-6534
 API # 43013511090000
 CA# UTU91654
 Duchesne Co. Utah

Site Security Plan Located at
 Bill Barrett Corporation
 Roosevelt Office
 ROUTE 3 BOX 3110
 1820 W HIGHWAY 40
 ROOSEVELT, UT 84066



- 1 - 4" LOAD LINE
- Production Phase – sealed closed
- Sales Phase- open to load Production bought
- 2 – 3" PRODUCTION IN
- Production Phase – open
- Sales Phase – sealed close
- 3 – 4" DRAIN
- Production Phase – sealed closed
- Sales Phase – sealed closed
- Drain water – open
- 4 – 4" UPPER EQUALIZER
- Production Phase – open
- Sales Phase – sealed close
- 5 – BYPASS
- 6 – 3" WATER LINES
- Production Phase – open
- No Sales Phase
- 7- 2" RECYCLE/SKIM
- Production – open
- Sales – sealed closed
- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank
for emergency pressure relief of treater

Surface Drainage to North from the East and West sides of location.



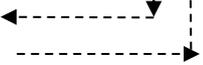
Exit



Underground Residue line

EFM located in meter shack

air seg underground



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

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

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

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

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

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

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

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

New Operator Contact information:

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

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

Sincerely,

Bill Barrett Corporation

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

Brady Riley
Permit Analyst

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED

NOV 07 2016

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

Request to Transfer Application or Permit to Drill

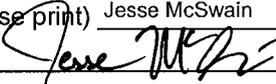
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

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

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

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

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

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

UIC FORM 5

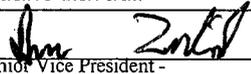
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

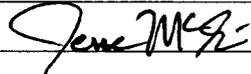
CURRENT OPERATOR

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

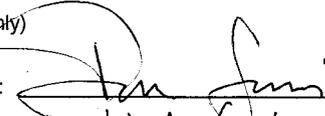
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

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

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

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

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

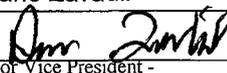
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

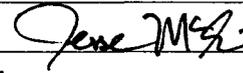
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

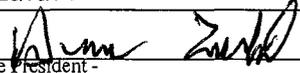
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

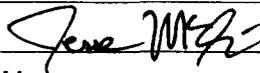
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE	Field or Unit Name CEDAR RIM
QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

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