

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> 3-5D-35 BTR					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> ALTAMONT					
<b>4. TYPE OF WELL</b> Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> BILL BARRETT CORP						<b>7. OPERATOR PHONE</b> 303 312-8164					
<b>8. ADDRESS OF OPERATOR</b> 1099 18th Street Ste 2300, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> BHilgers@billbarrettcorp.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 2OG0005608			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Jay Jensen						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 801-564-2777					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 5525 South 1025 East, South Ogden, UT 84405						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>			
LOCATION AT SURFACE		813 FNL 1703 FWL		NENW	5	3.0 S	5.0 W	U			
Top of Uppermost Producing Zone		805 FNL 1980 FWL		NENW	5	3.0 S	5.0 W	U			
At Total Depth		810 FNL 1980 FWL		NENW	5	3.0 S	5.0 W	U			
<b>21. COUNTY</b> DUCHESNE			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 810			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640					
			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1892			<b>26. PROPOSED DEPTH</b> MD: 12135 TVD: 12127					
<b>27. ELEVATION - GROUND LEVEL</b> 6234			<b>28. BOND NUMBER</b> LPM8874725			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-180					
<b>Hole, Casing, and Cement Information</b>											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8	No Used		0	0.0	0.0
Surf	12.25	9.625	0 - 4000	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		620	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
Prod	8.75	9.625	0 - 12135	17.0	P-110 LT&C	9.6	Unknown		840	2.31	11.0
							Unknown		950	1.42	13.5
<b>ATTACHMENTS</b>											
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
<b>NAME</b> Venessa Langmacher			<b>TITLE</b> Senior Permit Analyst			<b>PHONE</b> 303 312-8172					
<b>SIGNATURE</b>			<b>DATE</b> 08/15/2012			<b>EMAIL</b> vlangmacher@billbarrettcorp.com					
<b>API NUMBER ASSIGNED</b> 43013516380000			<b>APPROVAL</b>			 Permit Manager					

**BILL BARRETT CORPORATION**  
**DRILLING PLAN**

**3-5D-35 BTR**

Lot 3 (NE NW), 813' FNL and 1703' FWL, Section 5, T3S-R5W, USB&M (surface hole)

Lot 3 (NE NW), 810' FNL and 1980' FWL, Section 5, T3S-R5W, USB&M (bottom hole)

Duchesne County, Utah

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

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth - TVD</u>
Lower Green River*	7,713'	7,707'
Douglas Creek	8,509'	8,502'
Black Shale	9,110'	9,102'
Castle Peak	9,270'	9,262'
Uteland Butte	9,630'	9,622'
Wasatch*	10,040'	10,032'
TD	12,135'	12,127'

\*PROSPECTIVE PAY

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

Base of Useable Water = 5,347'

**3. BOP and Pressure Containment Data**

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 4,000'	No pressure control required
4,000' – 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	4,000'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

Bill Barrett Corporation  
 Drilling Program  
 3-5D-35 BTR  
 Duchesne County, Utah

### 5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 620 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft <sup>3</sup> /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft <sup>3</sup> /sx), calculated hole volume with 75% excess. TOC @ 3,500'
5 1/2" Production Casing	Lead: 840 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft <sup>3</sup> /sx). TOC @ 3,500' Tail: 950 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 8,610'

### 6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 4,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
4,000' – TD	8.6 – 9.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

### 7. Testing, Logging and Core Programs

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

### 8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 6053 psi\* and maximum anticipated surface pressure equals approximately 3385 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

\*\*Maximum surface pressure = A – (0.22 x TD)

Bill Barrett Corporation  
Drilling Program  
3-5D-35 BTR  
Duchesne County, Utah

**9. Auxiliary Equipment**

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

**10. Location and Type of Water Supply**

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W water right number 43-180.

**11. Drilling Schedule**

Location Construction: January 2013  
Spud: January 2013  
Duration: 15 days drilling time  
45 days completion time



# Bill Barrett Corporation

## LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

**Well Name:** 3-5D-35 BTR

### Surface Hole Data:

Total Depth:	4,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	1918.3	ft <sup>3</sup>
Lead Fill:	3,500'	
Tail Volume:	274.0	ft <sup>3</sup>
Tail Fill:	500'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	620
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Tail Yield:	1.36	ft <sup>3</sup> /sk
% Excess:	75%	
Top of Tail:	3,500'	

# SK's Tail:	210
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### Production Hole Data:

Total Depth:	12,135'
Top of Cement:	3,500'
Top of Tail:	8,610'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1936.1	ft <sup>3</sup>
Lead Fill:	5,110'	
Tail Volume:	1335.7	ft <sup>3</sup>
Tail Fill:	3,525'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	840
# SK's Tail:	950

<b>3-5D-35 BTR Proposed Cementing Program</b>
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<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (3500' - 0')</b>	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft <sup>3</sup> /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 3,500'
	Volume: 341.63 bbl
	<b>Proposed Sacks: 620 sks</b>
<b>Tail Cement - (TD - 3500')</b>	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft <sup>3</sup> /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 3,500'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	<b>Proposed Sacks: 210 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (8610' - 3500')</b>	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft <sup>3</sup> /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 3,500'
	Calculated Fill: 5,110'
	Volume: 344.81 bbl
	<b>Proposed Sacks: 840 sks</b>
<b>Tail Cement - (12135' - 8610')</b>	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft <sup>3</sup> /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 8,610'
	Calculated Fill: 3,525'
	Volume: 237.88 bbl
	<b>Proposed Sacks: 950 sks</b>

T3S, R5W, U.S.B.&M.

BILL BARRETT CORPORATION

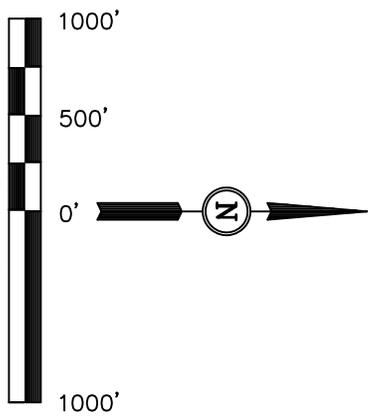
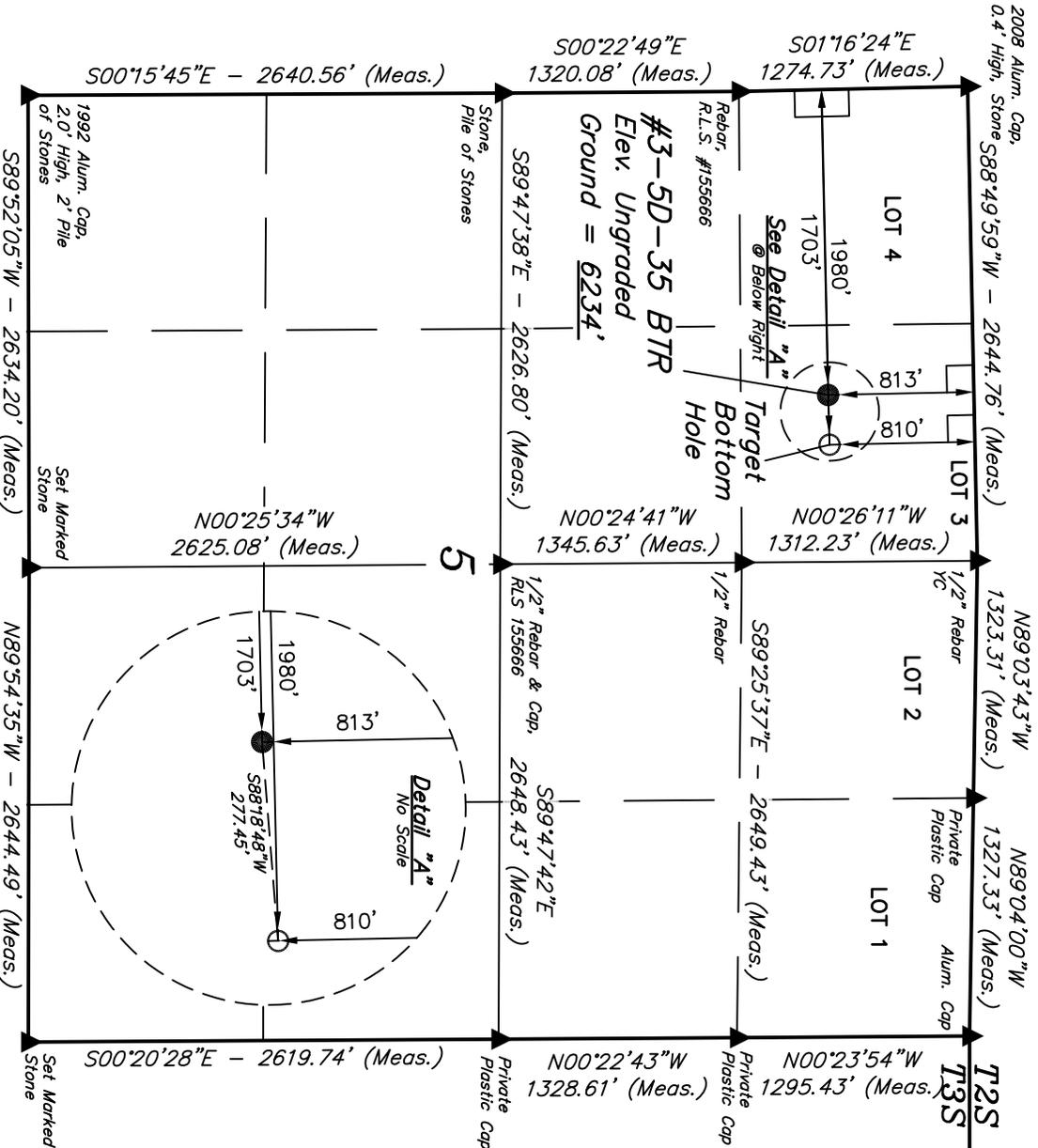
Well location, #3-5D-35 BTR, located as shown in LOT 3 of Section 5, T3S, R5W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

**KAX ROBERTS**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH  
 07-23-12

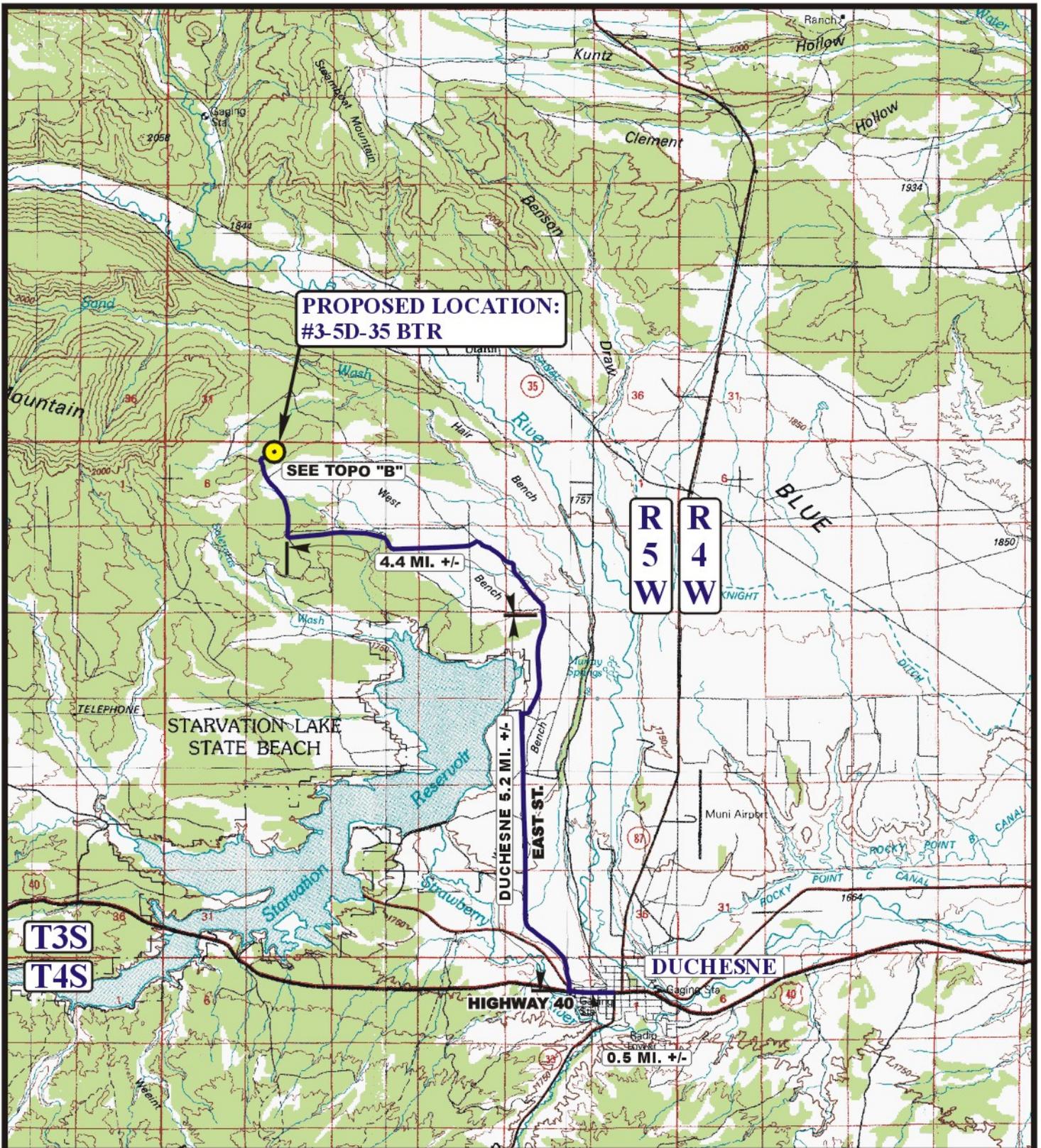
**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'  
 DATE SURVEYED: 07-23-12  
 DATE DRAWN: 07-27-12

PARTY T.A. R.W. K.O.  
 WEATHER HOT  
 REFERENCES G.I.O. PLAT  
 FILE BILL BARRETT CORPORATION

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°15'14.85" (40.254125)	LONGITUDE = 110°28'36.34" (110.476761)	LATITUDE = 40°15'14.77" (40.254103)	LONGITUDE = 110°28'39.91" (110.477753)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°15'15.01" (40.254169)	LONGITUDE = 110°28'33.77" (110.476047)	LATITUDE = 40°15'14.93" (40.254147)	LONGITUDE = 110°28'37.35" (110.477042)



**LEGEND:**

PROPOSED LOCATION



**BILL BARRETT CORPORATION**

**#3-5D-35 BTR**  
**SECTION 5, T3S, R5W, U.S.B.&M.**  
**813' FNL 1703' FWL**



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

**ACCESS ROAD**  
**MAP**

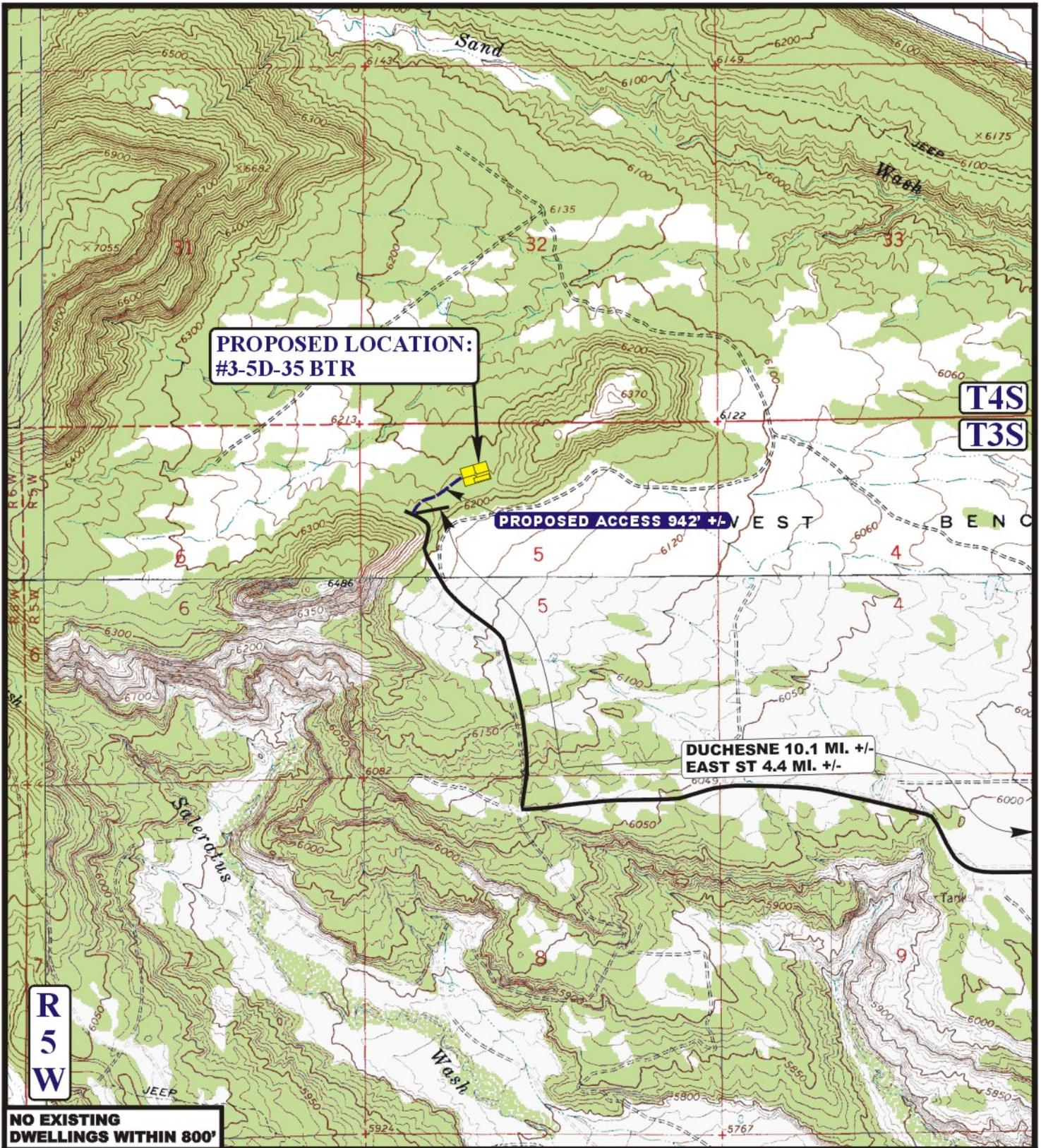
**07 26 12**  
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.I.

REVISED: 00-00-00





**NO EXISTING DWELLINGS WITHIN 800'**

**LEGEND:**

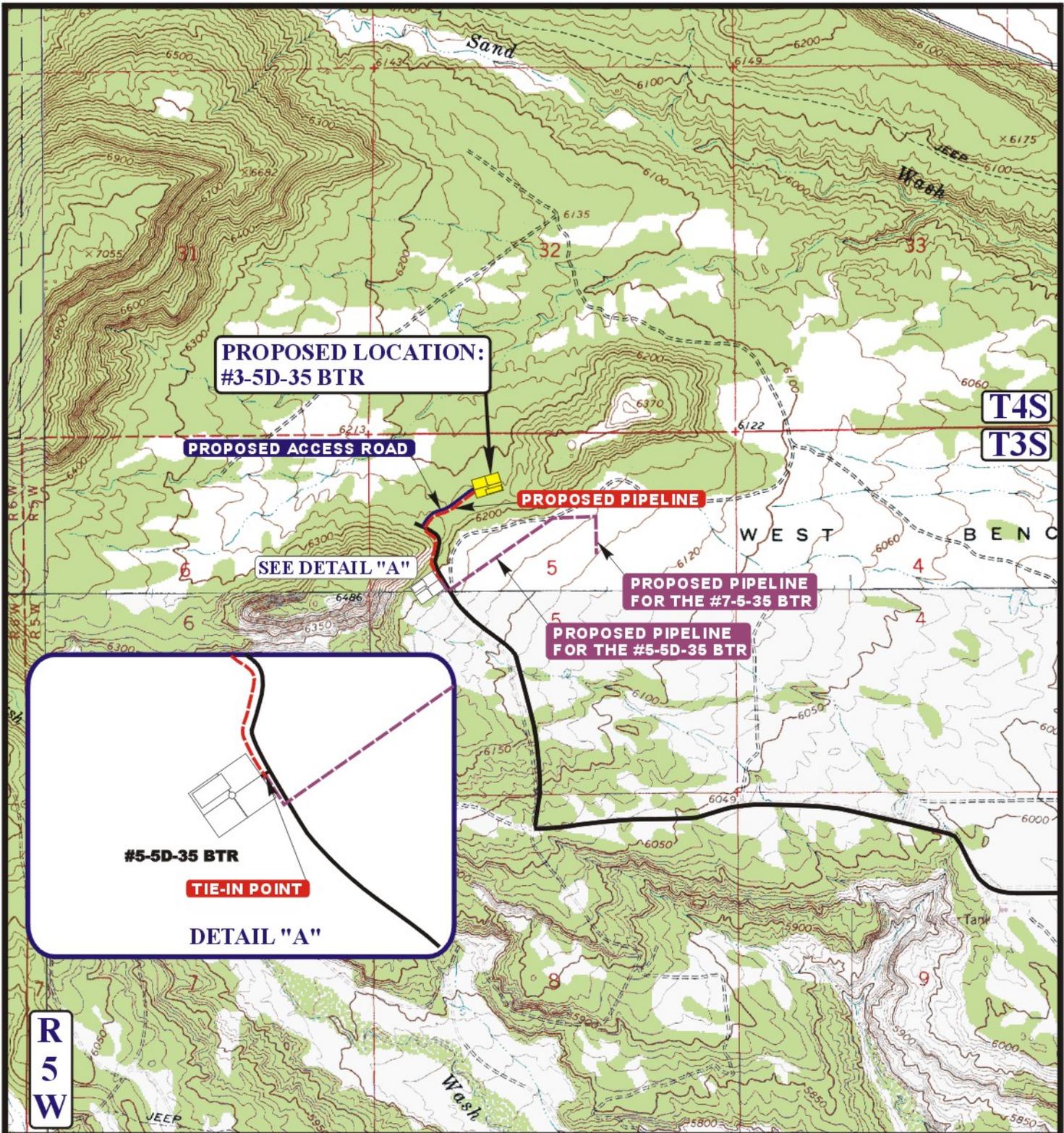
-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

**BILL BARRETT CORPORATION**

**#3-5D-35 BTR**  
**SECTION 5, T3S, R5W, U.S.B.&M.**  
**813' FNL 1703' FWL**

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

**ACCESS ROAD MAP** **07 26 12**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00 **B TOPO**



**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,808' +/-**

**LEGEND:**

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

**BILL BARRETT CORPORATION**

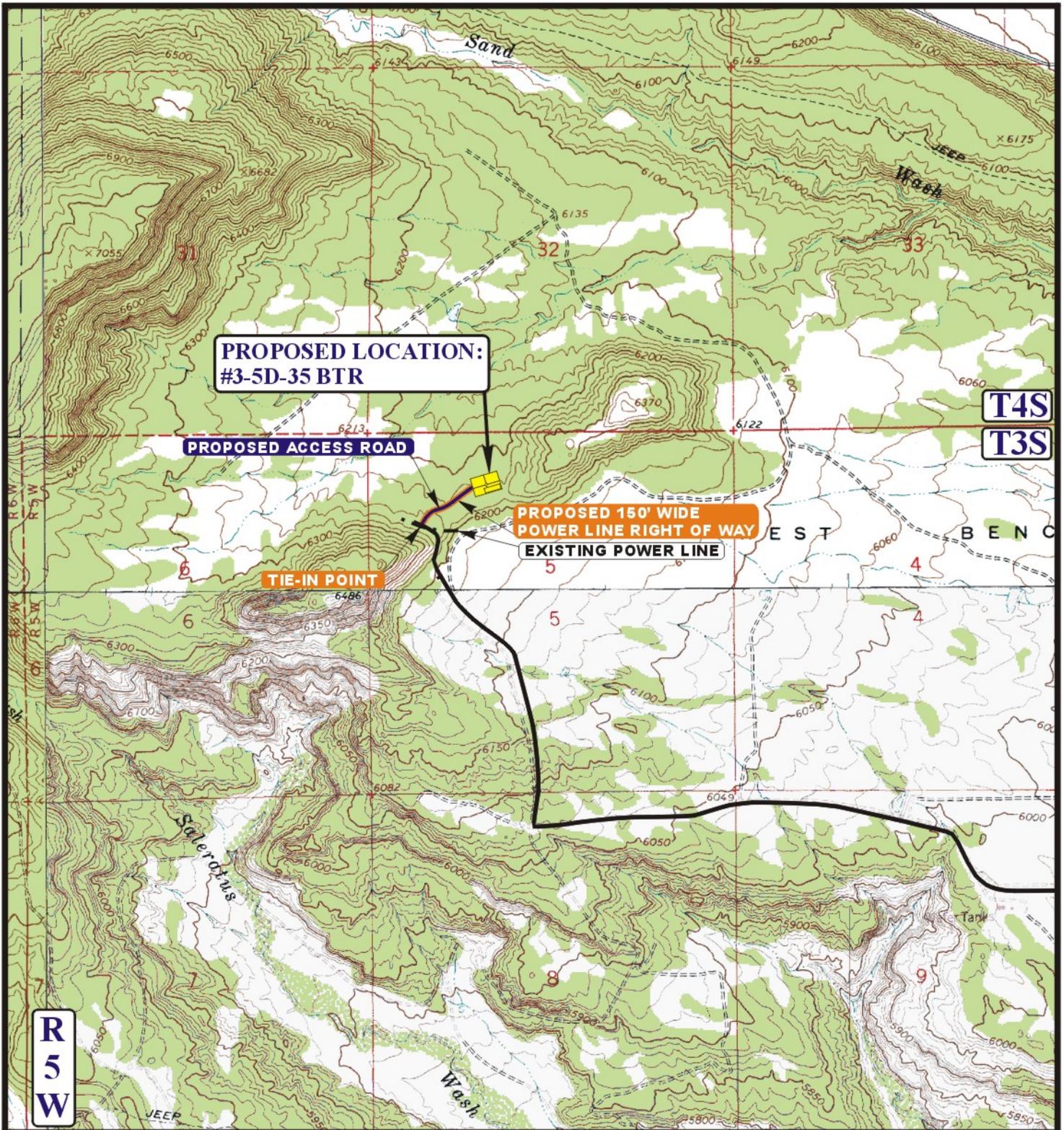
**#3-5D-35 BTR**  
**SECTION 5, T3S, R5W, U.S.B.&M.**  
**813' FNL 1703' FWL**

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 85 South 200 East Vernal, Utah 84078  
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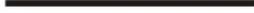
**TOPOGRAPHIC MAP** **07 26 12**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00





**APPROXIMATE TOTAL POWERLINE DISTANCE = 928' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  PROPOSED POWER LINE
-  EXISTING POWER LINE
-  EXISTING ROAD

**BILL BARRETT CORPORATION**

**#3-5D-35 BTR**  
**SECTION 5, T3S, R5W, U.S.B.&M.**  
**813' FNL 1703' FWL**



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



**TOPOGRAPHIC**  
**MAP**

**07 26 12**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00





SITE DETAILS: 3-5D-35 BTR  
Blacktail Ridge

Site Latitude: 40° 15' 14.929 N  
Site Longitude: 110° 28' 37.351 W

**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

Positional Uncertainty: 0.0  
Convergence: 0.66  
Local North: True

**WELL DETAILS: 3-5D-35 BTR**

Ground Level: 6232.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	701252.49	2285509.72	40° 15' 14.929 N	110° 28' 37.351 W	

**WELLBORE TARGET DETAILS (LAT/LONG)**

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
3-5D-35 3PT MKR	8922.0	8.0	277.7	40° 15' 15.008 N	110° 28' 33.769 W	Rectangle (Sides: L200.0 W200.0)
3-5D-35 PBHL	12127.0	8.0	277.7	40° 15' 15.008 N	110° 28' 33.769 W	Rectangle (Sides: L200.0 W200.0)

**SECTION DETAILS**

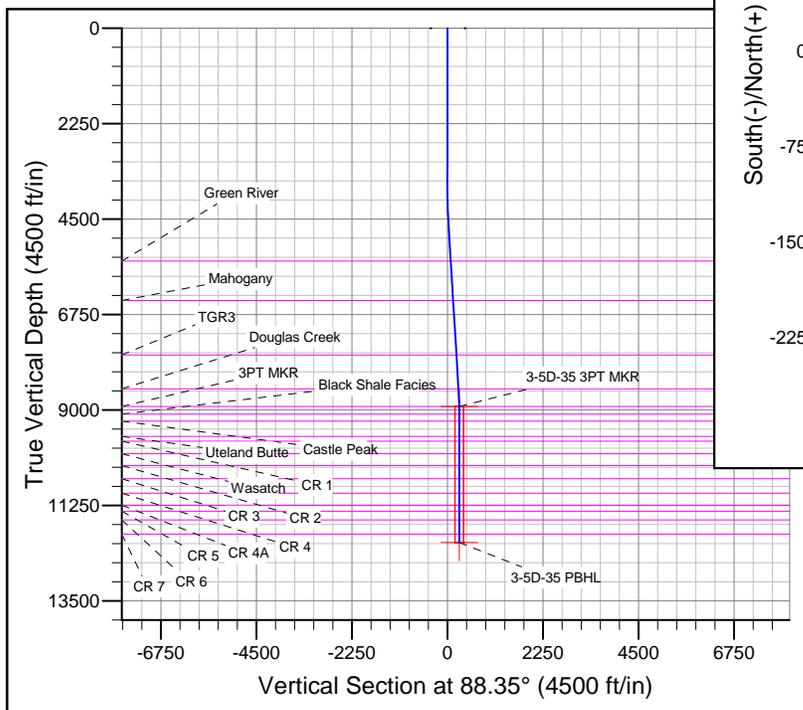
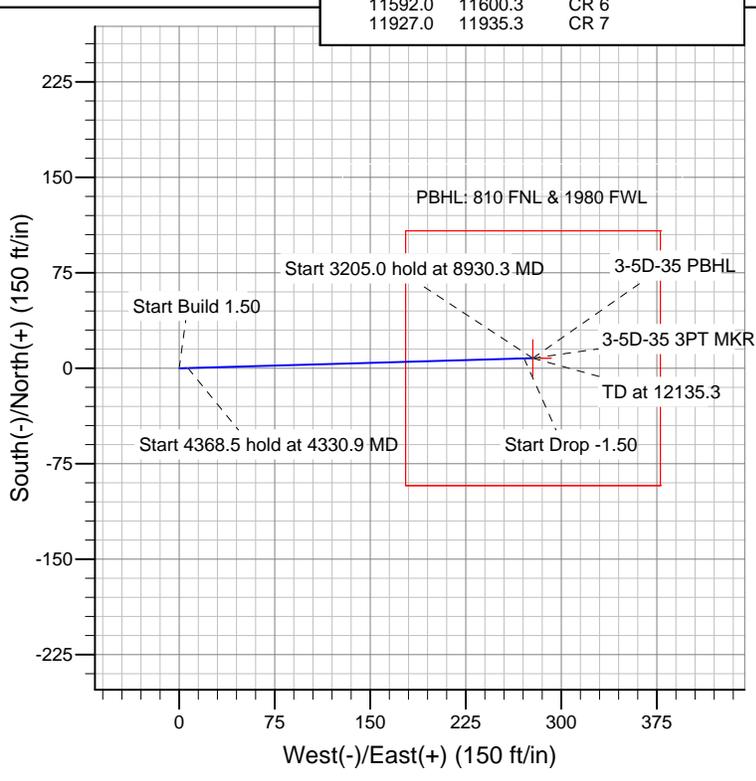
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4100.0	0.00	0.00	4100.0	0.0	0.0	0.00	0.00	0.0	
3	4330.9	3.46	88.35	4330.7	0.2	7.0	1.50	88.35	7.0	
4	8699.4	3.46	88.35	8691.3	7.8	270.7	0.00	0.00	270.9	
5	8930.3	0.00	0.00	8922.0	8.0	277.7	1.50	180.00	277.8	3-5D-35 3PT MKR
6	12135.3	0.00	0.00	12127.0	8.0	277.7	0.00	0.00	277.8	3-5D-35 PBHL

**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
5492.0	5494.3	Green River
6422.0	6426.0	Mahogany
7707.0	7713.3	TGR3
8502.0	8509.8	Douglas Creek
8922.0	8930.3	3PT MKR
9102.0	9110.3	Black Shale Facies
9262.0	9270.3	Castle Peak
9622.0	9630.3	Uteland Butte
9737.0	9745.3	CR 1
10032.0	10040.3	Wasatch
10312.0	10320.3	CR 2
10622.0	10630.3	CR 3
10962.0	10970.3	CR 4
11242.0	11250.3	CR 4A
11387.0	11395.3	CR 5
11592.0	11600.3	CR 6
11927.0	11935.3	CR 7

**CASING DETAILS**

No casing data is available



Azimuths to True North  
 Magnetic North: 11.36°  
  
 Magnetic Field  
 Strength: 52203.3snT  
 Dip Angle: 65.85°  
 Date: 8/14/2012  
 Model: IGRF2010

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 3-5D-35 BTR
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Site:</b>	3-5D-35 BTR	<b>North Reference:</b>	True
<b>Well:</b>	3-5D-35 BTR	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	3-5D-35 BTR		
<b>Design:</b>	Design #1		

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

<b>Site</b>	3-5D-35 BTR				
<b>Site Position:</b>		<b>Northing:</b>	701,252.50 ft	<b>Latitude:</b>	40° 15' 14.929 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,285,509.72 ft	<b>Longitude:</b>	110° 28' 37.351 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.66 °

<b>Well</b>	3-5D-35 BTR					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	701,252.49 ft	<b>Latitude:</b>	40° 15' 14.929 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,285,509.72 ft	<b>Longitude:</b>	110° 28' 37.351 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,232.0 ft

<b>Wellbore</b>	3-5D-35 BTR				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	8/14/2012	11.36	65.86	52,203

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	88.35

<b>Plan Sections</b>										
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	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,330.9	3.46	88.35	4,330.7	0.2	7.0	1.50	1.50	0.00	88.35	
8,699.4	3.46	88.35	8,691.3	7.8	270.7	0.00	0.00	0.00	0.00	
8,930.3	0.00	0.00	8,922.0	8.0	277.7	1.50	-1.50	0.00	180.00	3-5D-35 3PT MKR
12,135.3	0.00	0.00	12,127.0	8.0	277.7	0.00	0.00	0.00	0.00	3-5D-35 PBHL

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 3-5D-35 BTR
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Site:</b>	3-5D-35 BTR	<b>North Reference:</b>	True
<b>Well:</b>	3-5D-35 BTR	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	3-5D-35 BTR		
<b>Design:</b>	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	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	1.50	88.35	4,200.0	0.0	1.3	1.3	1.50	1.50	0.00
4,300.0	3.00	88.35	4,299.9	0.2	5.2	5.2	1.50	1.50	0.00
4,330.9	3.46	88.35	4,330.7	0.2	7.0	7.0	1.50	1.50	0.00
4,400.0	3.46	88.35	4,399.7	0.3	11.1	11.2	0.00	0.00	0.00
4,500.0	3.46	88.35	4,499.6	0.5	17.2	17.2	0.00	0.00	0.00
4,600.0	3.46	88.35	4,599.4	0.7	23.2	23.2	0.00	0.00	0.00
4,700.0	3.46	88.35	4,699.2	0.8	29.3	29.3	0.00	0.00	0.00
4,800.0	3.46	88.35	4,799.0	1.0	35.3	35.3	0.00	0.00	0.00
4,900.0	3.46	88.35	4,898.8	1.2	41.3	41.4	0.00	0.00	0.00
5,000.0	3.46	88.35	4,998.6	1.4	47.4	47.4	0.00	0.00	0.00
5,100.0	3.46	88.35	5,098.5	1.5	53.4	53.4	0.00	0.00	0.00
5,200.0	3.46	88.35	5,198.3	1.7	59.4	59.5	0.00	0.00	0.00

## Bill Barrett Corp

## Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 3-5D-35 BTR
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Site:</b>	3-5D-35 BTR	<b>North Reference:</b>	True
<b>Well:</b>	3-5D-35 BTR	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	3-5D-35 BTR		
<b>Design:</b>	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)
5,300.0	3.46	88.35	5,298.1	1.9	65.5	65.5	0.00	0.00	0.00
5,400.0	3.46	88.35	5,397.9	2.1	71.5	71.6	0.00	0.00	0.00
5,494.3	3.46	88.35	5,492.0	2.2	77.2	77.2	0.00	0.00	0.00
<b>Green River</b>									
5,500.0	3.46	88.35	5,497.7	2.2	77.6	77.6	0.00	0.00	0.00
5,600.0	3.46	88.35	5,597.5	2.4	83.6	83.6	0.00	0.00	0.00
5,700.0	3.46	88.35	5,697.4	2.6	89.6	89.7	0.00	0.00	0.00
5,800.0	3.46	88.35	5,797.2	2.8	95.7	95.7	0.00	0.00	0.00
5,900.0	3.46	88.35	5,897.0	2.9	101.7	101.8	0.00	0.00	0.00
6,000.0	3.46	88.35	5,996.8	3.1	107.8	107.8	0.00	0.00	0.00
6,100.0	3.46	88.35	6,096.6	3.3	113.8	113.8	0.00	0.00	0.00
6,200.0	3.46	88.35	6,196.4	3.5	119.8	119.9	0.00	0.00	0.00
6,300.0	3.46	88.35	6,296.3	3.6	125.9	125.9	0.00	0.00	0.00
6,400.0	3.46	88.35	6,396.1	3.8	131.9	132.0	0.00	0.00	0.00
6,426.0	3.46	88.35	6,422.0	3.9	133.5	133.5	0.00	0.00	0.00
<b>Mahogany</b>									
6,500.0	3.46	88.35	6,495.9	4.0	137.9	138.0	0.00	0.00	0.00
6,600.0	3.46	88.35	6,595.7	4.2	144.0	144.0	0.00	0.00	0.00
6,700.0	3.46	88.35	6,695.5	4.3	150.0	150.1	0.00	0.00	0.00
6,800.0	3.46	88.35	6,795.4	4.5	156.1	156.1	0.00	0.00	0.00
6,900.0	3.46	88.35	6,895.2	4.7	162.1	162.2	0.00	0.00	0.00
7,000.0	3.46	88.35	6,995.0	4.9	168.1	168.2	0.00	0.00	0.00
7,100.0	3.46	88.35	7,094.8	5.0	174.2	174.2	0.00	0.00	0.00
7,200.0	3.46	88.35	7,194.6	5.2	180.2	180.3	0.00	0.00	0.00
7,300.0	3.46	88.35	7,294.4	5.4	186.2	186.3	0.00	0.00	0.00
7,400.0	3.46	88.35	7,394.3	5.6	192.3	192.4	0.00	0.00	0.00
7,500.0	3.46	88.35	7,494.1	5.7	198.3	198.4	0.00	0.00	0.00
7,600.0	3.46	88.35	7,593.9	5.9	204.4	204.4	0.00	0.00	0.00
7,700.0	3.46	88.35	7,693.7	6.1	210.4	210.5	0.00	0.00	0.00
7,713.3	3.46	88.35	7,707.0	6.1	211.2	211.3	0.00	0.00	0.00
<b>TGR3</b>									
7,800.0	3.46	88.35	7,793.5	6.3	216.4	216.5	0.00	0.00	0.00
7,900.0	3.46	88.35	7,893.3	6.4	222.5	222.6	0.00	0.00	0.00
8,000.0	3.46	88.35	7,993.2	6.6	228.5	228.6	0.00	0.00	0.00
8,100.0	3.46	88.35	8,093.0	6.8	234.6	234.6	0.00	0.00	0.00
8,200.0	3.46	88.35	8,192.8	6.9	240.6	240.7	0.00	0.00	0.00
8,300.0	3.46	88.35	8,292.6	7.1	246.6	246.7	0.00	0.00	0.00
8,400.0	3.46	88.35	8,392.4	7.3	252.7	252.8	0.00	0.00	0.00
8,500.0	3.46	88.35	8,492.2	7.5	258.7	258.8	0.00	0.00	0.00
8,509.8	3.46	88.35	8,502.0	7.5	259.3	259.4	0.00	0.00	0.00
<b>Douglas Creek</b>									
8,600.0	3.46	88.35	8,592.1	7.6	264.7	264.9	0.00	0.00	0.00
8,699.4	3.46	88.35	8,691.3	7.8	270.7	270.9	0.00	0.00	0.00
8,700.0	3.45	88.35	8,691.9	7.8	270.8	270.9	1.50	-1.50	0.00
8,800.0	1.95	88.35	8,791.8	8.0	275.5	275.6	1.50	-1.50	0.00
8,900.0	0.45	88.35	8,891.7	8.0	277.6	277.7	1.50	-1.50	0.00
8,930.3	0.00	0.00	8,922.0	8.0	277.7	277.8	1.50	-1.50	0.00
<b>3PT MKR - 3-5D-35 3PT MKR</b>									
9,000.0	0.00	0.00	8,991.7	8.0	277.7	277.8	0.00	0.00	0.00
9,100.0	0.00	0.00	9,091.7	8.0	277.7	277.8	0.00	0.00	0.00
9,110.3	0.00	0.00	9,102.0	8.0	277.7	277.8	0.00	0.00	0.00
<b>Black Shale Facies</b>									
9,200.0	0.00	0.00	9,191.7	8.0	277.7	277.8	0.00	0.00	0.00

**Bill Barrett Corp**

Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 3-5D-35 BTR
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Site:</b>	3-5D-35 BTR	<b>North Reference:</b>	True
<b>Well:</b>	3-5D-35 BTR	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	3-5D-35 BTR		
<b>Design:</b>	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)	
9,270.3	0.00	0.00	9,262.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>Castle Peak</b>										
9,300.0	0.00	0.00	9,291.7	8.0	277.7	277.8	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,391.7	8.0	277.7	277.8	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,491.7	8.0	277.7	277.8	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,591.7	8.0	277.7	277.8	0.00	0.00	0.00	
9,630.3	0.00	0.00	9,622.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>Uteland Butte</b>										
9,700.0	0.00	0.00	9,691.7	8.0	277.7	277.8	0.00	0.00	0.00	
9,745.3	0.00	0.00	9,737.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 1</b>										
9,800.0	0.00	0.00	9,791.7	8.0	277.7	277.8	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,891.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,991.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,040.3	0.00	0.00	10,032.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>Wasatch</b>										
10,100.0	0.00	0.00	10,091.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,191.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,291.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,320.3	0.00	0.00	10,312.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 2</b>										
10,400.0	0.00	0.00	10,391.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,491.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,591.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,630.3	0.00	0.00	10,622.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 3</b>										
10,700.0	0.00	0.00	10,691.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,791.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,900.0	0.00	0.00	10,891.7	8.0	277.7	277.8	0.00	0.00	0.00	
10,970.3	0.00	0.00	10,962.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 4</b>										
11,000.0	0.00	0.00	10,991.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,091.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,200.0	0.00	0.00	11,191.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,250.3	0.00	0.00	11,242.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 4A</b>										
11,300.0	0.00	0.00	11,291.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,395.3	0.00	0.00	11,387.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 5</b>										
11,400.0	0.00	0.00	11,391.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,500.0	0.00	0.00	11,491.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,600.0	0.00	0.00	11,591.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,600.3	0.00	0.00	11,592.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 6</b>										
11,700.0	0.00	0.00	11,691.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,800.0	0.00	0.00	11,791.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,900.0	0.00	0.00	11,891.7	8.0	277.7	277.8	0.00	0.00	0.00	
11,935.3	0.00	0.00	11,927.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>CR 7</b>										
12,000.0	0.00	0.00	11,991.7	8.0	277.7	277.8	0.00	0.00	0.00	
12,100.0	0.00	0.00	12,091.7	8.0	277.7	277.8	0.00	0.00	0.00	
12,135.3	0.00	0.00	12,127.0	8.0	277.7	277.8	0.00	0.00	0.00	
<b>3-5D-35 PBHL</b>										

**Bill Barrett Corp**

## Planning Report

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well 3-5D-35 BTR
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Project:</b>	DUCHESNE COUNTY, UT (NAD 27)	<b>MD Reference:</b>	KB @ 6247.0ft (Original Well Elev)
<b>Site:</b>	3-5D-35 BTR	<b>North Reference:</b>	True
<b>Well:</b>	3-5D-35 BTR	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	3-5D-35 BTR		
<b>Design:</b>	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)
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**Formations**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
5,494.3	5,492.0	Green River		0.00	
6,426.0	6,422.0	Mahogany		0.00	
7,713.3	7,707.0	TGR3		0.00	
8,509.8	8,502.0	Douglas Creek		0.00	
8,930.3	8,922.0	3PT MKR		0.00	
9,110.3	9,102.0	Black Shale Facies		0.00	
9,270.3	9,262.0	Castle Peak		0.00	
9,630.3	9,622.0	Uteland Butte		0.00	
9,745.3	9,737.0	CR 1		0.00	
10,040.3	10,032.0	Wasatch		0.00	
10,320.3	10,312.0	CR 2		0.00	
10,630.3	10,622.0	CR 3		0.00	
10,970.3	10,962.0	CR 4		0.00	
11,250.3	11,242.0	CR 4A		0.00	
11,395.3	11,387.0	CR 5		0.00	
11,600.3	11,592.0	CR 6		0.00	
11,935.3	11,927.0	CR 7		0.00	

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

This Agreement, made and entered into this the 5th day of August, 2012, by and between Jay R. Jensen, 5525 South 1025 East, South Ogden, Utah 84405-7090 ("Surface Owner"), and, Bill Barrett Corporation, 1099 18<sup>th</sup> Street, Suite 2300, Denver CO 80202, ("BBC").

## WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases ("leases") covering and affecting Section 5, Township 3 South, Range 5 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 #3-5D-35 BTR at a legal drill-site location in the N1/2NW1/4 of Section 5, Township 3 South, Range 5 West, USM, Duchesne County, Utah; and,

WHEREAS, Surface Owner warrants ownership to the surface of at least specific portions of the N1/2NW1/4 of Section 5, Township 3 South, Range 5 West, USM, Duchesne County, Utah, and which warranted ownership is further subject to all oil, gas and other mineral rights which are reserved for the use and benefit of the owners thereof; and,

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

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

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

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

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

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

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 5th day of August, 2012.

GRANTORS:

BILL BARRETT CORPORATION

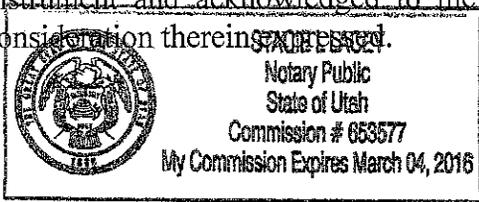
By: Jay R Jensen  
Jay R Jensen

By: Clint W Turner  
Clint W. Turner  
As Agent for Bill Barrett Corporation

ACKNOWLEDGEMENTS

STATE OF Ut )  
COUNTY OF Weber )

On the 7 day of August, 2012, personally appeared before me Jay R. Jensen, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.



Stacey L. Jones  
Notary Public  
Residing at:

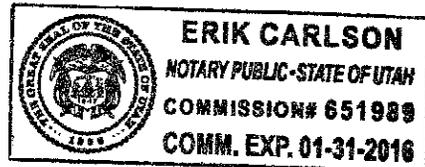
My Commission Expires: 3/4/2016

STATE OF UTAH )  
COUNTY OF SALT LAKE )

On the 8th day of August, 2012, 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.

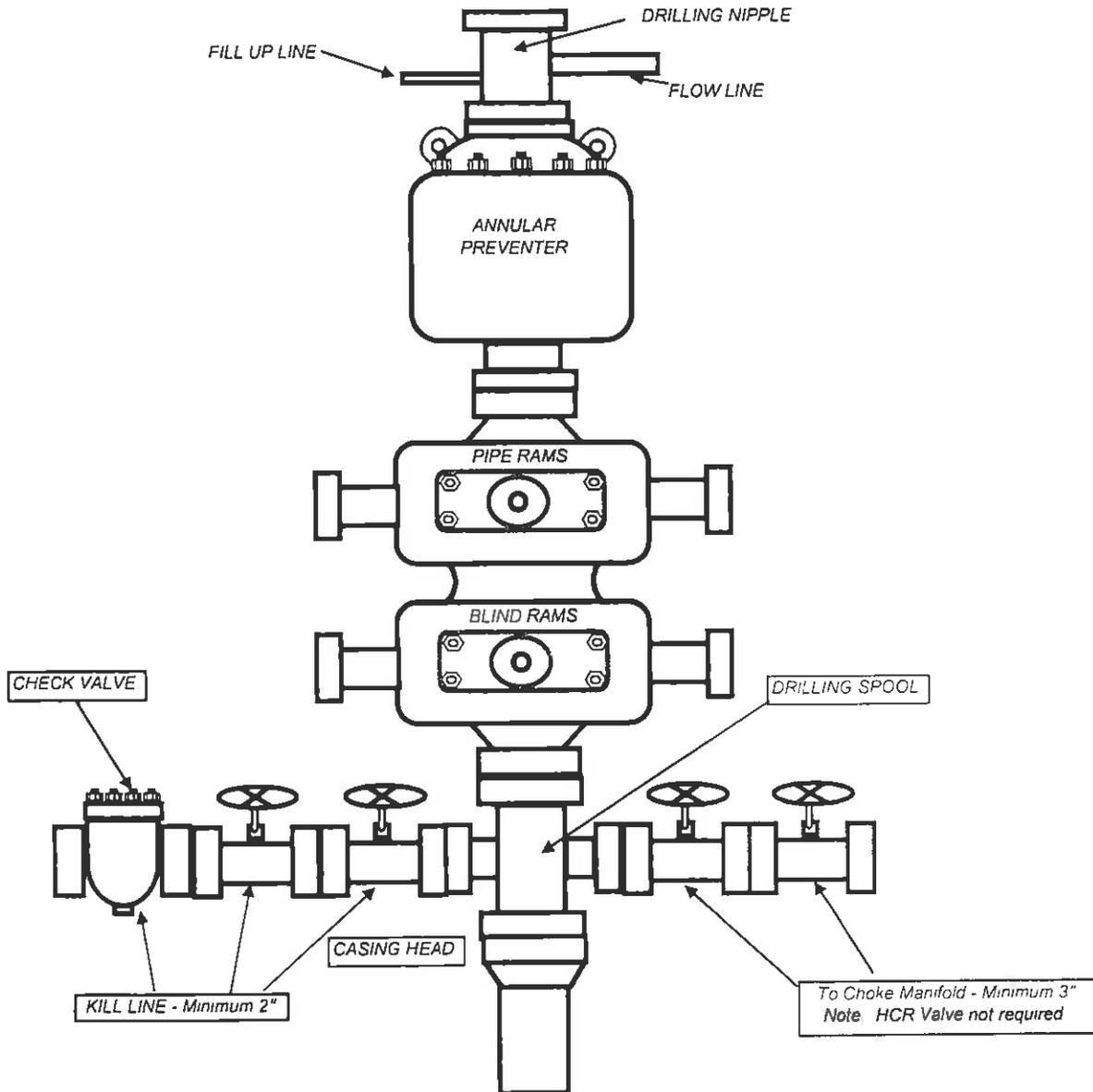
Erik Carlson  
Notary Public  
Residing at:

My Commission Expires: 1-31-2016



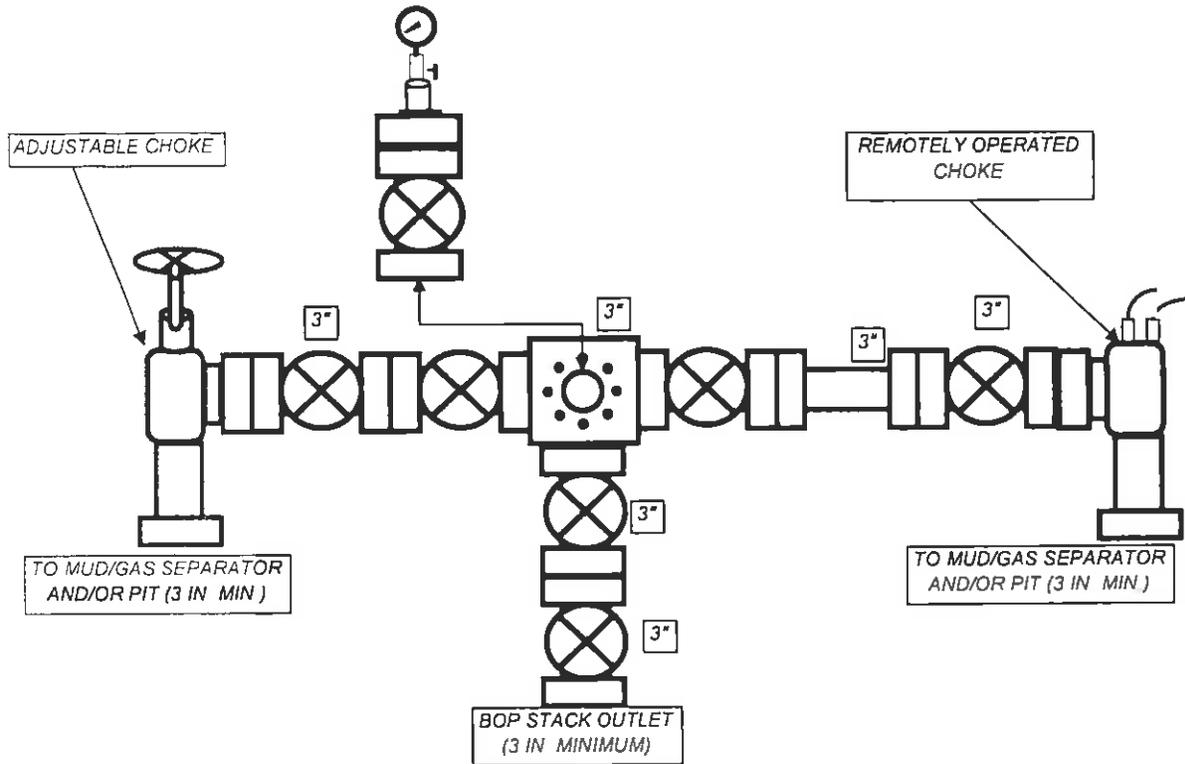
# BILL BARRETT CORPORATION

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



# BILL BARRETT CORPORATION

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





August 15, 2012

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 #3-5D-35 BTR Well**  
Surface: 813' FNL & 1703' FWL, Lot 3 (NENW), Sec. 5-T3S-R5W, USM  
Bottom Hole: 810' FNL & 1980' FWL, Lot 3 (NENW), Sec. 5-T3S-R5W, USM  
Duchesne County, Utah

Dear Ms. Mason,

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

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

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

Sincerely,

A handwritten signature in blue ink that reads 'David Watts'.

David Watts  
Landman

1099 18<sup>TH</sup> STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

**RECEIVED:** August 15, 2012

**BILL BARRETT CORPORATION**

LOCATION LAYOUT FOR

#3-5D-35 BTR

SECTION 5, T3S, R5W, U.S.B.&M.

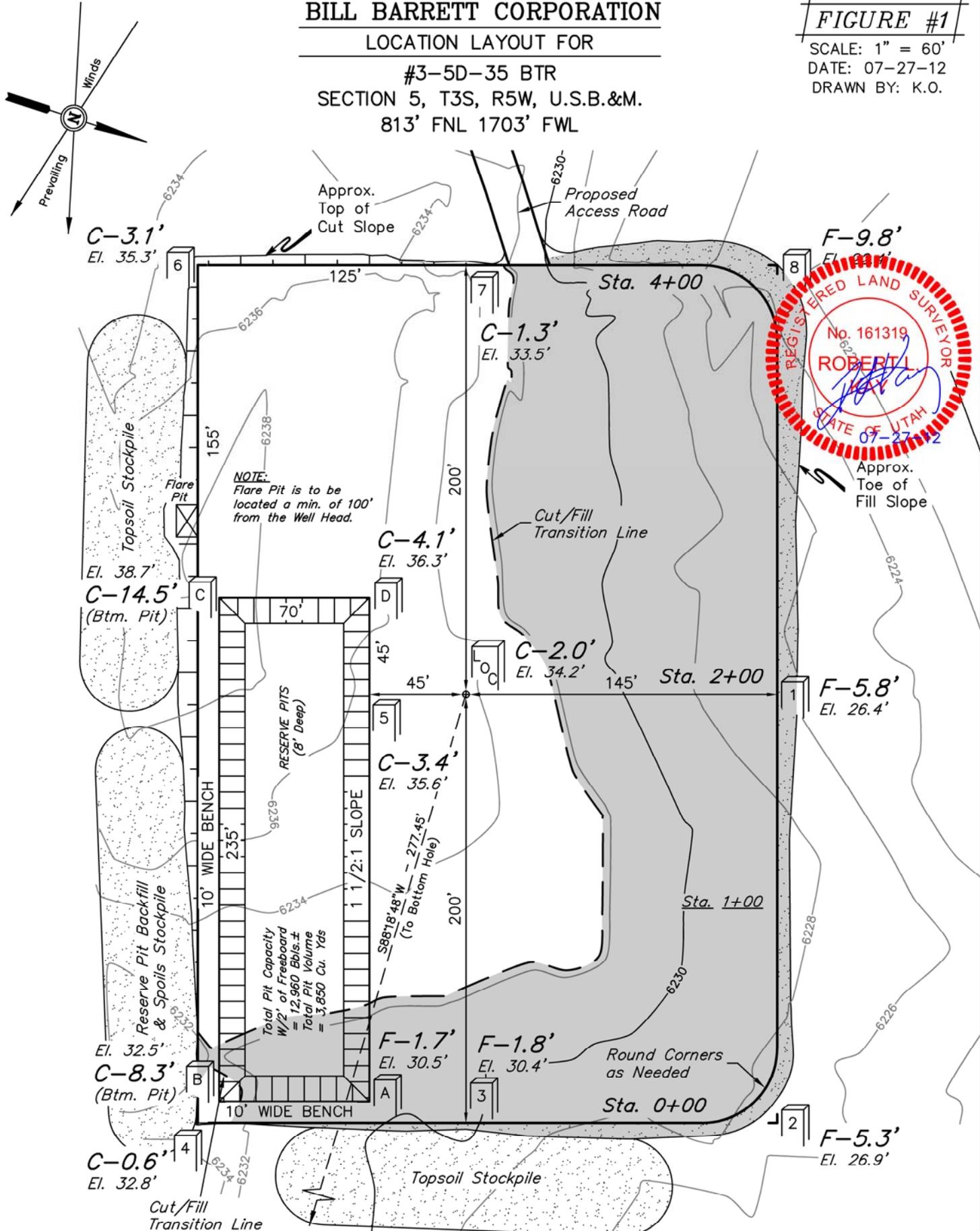
813' FNL 1703' FWL

**FIGURE #1**

SCALE: 1" = 60'

DATE: 07-27-12

DRAWN BY: K.O.



Elev. Ungraded Ground At Loc. Stake = **6234.2'**  
 FINISHED GRADE ELEV. AT LOC. STAKE = **6232.2'**

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

RECEIVED August 15, 2012

**BILL BARRETT CORPORATION**

**TYPICAL CROSS SECTIONS FOR**

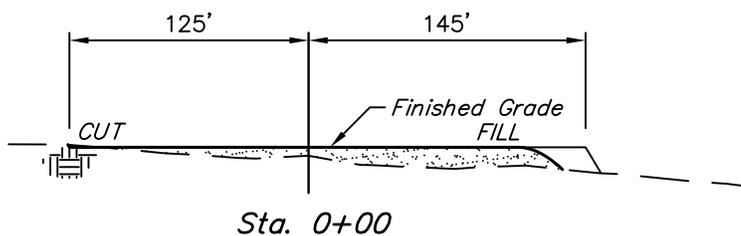
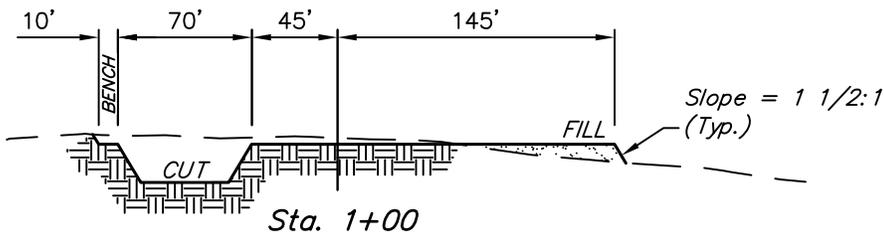
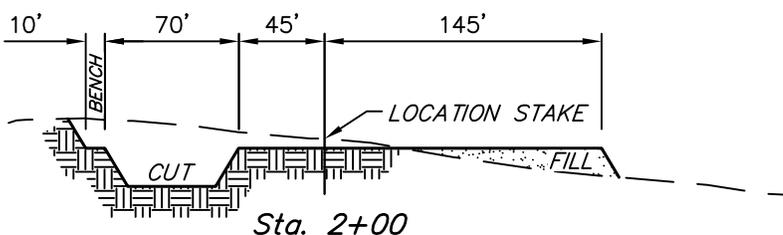
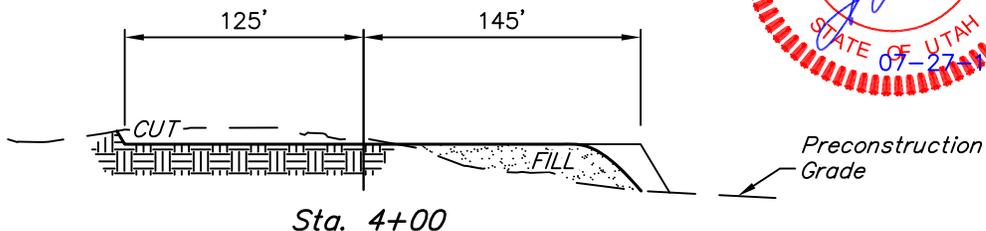
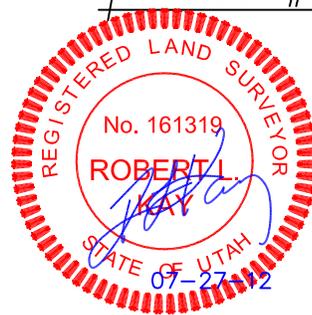
**#3-5D-35 BTR**

**SECTION 5, T3S, R5W, U.S.B.&M.**

**813' FNL 1703' FWL**

**FIGURE #2**

1" = 40'  
X-Section Scale  
1" = 100'  
DATE: 07-27-12  
DRAWN BY: K.O.



**NOTE:**

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

**APPROXIMATE ACREAGES**

WELL SITE DISTURBANCE	= ± 3.857 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.631 ACRES
PIPELINE DISTURBANCE	= ± 1.227 ACRES
<b>TOTAL</b>	<b>= ± 5.715 ACRES</b>

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 1,830 Cu. Yds.
Remaining Location	= 8,940 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,770 CU. YDS.</b>
<b>FILL</b>	<b>= 7,010 CU. YDS.</b>

EXCESS MATERIAL	= 3,760 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,760 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

#3-5D-35 BTR

SECTION 5, T3S, R5W, U.S.B.&M.

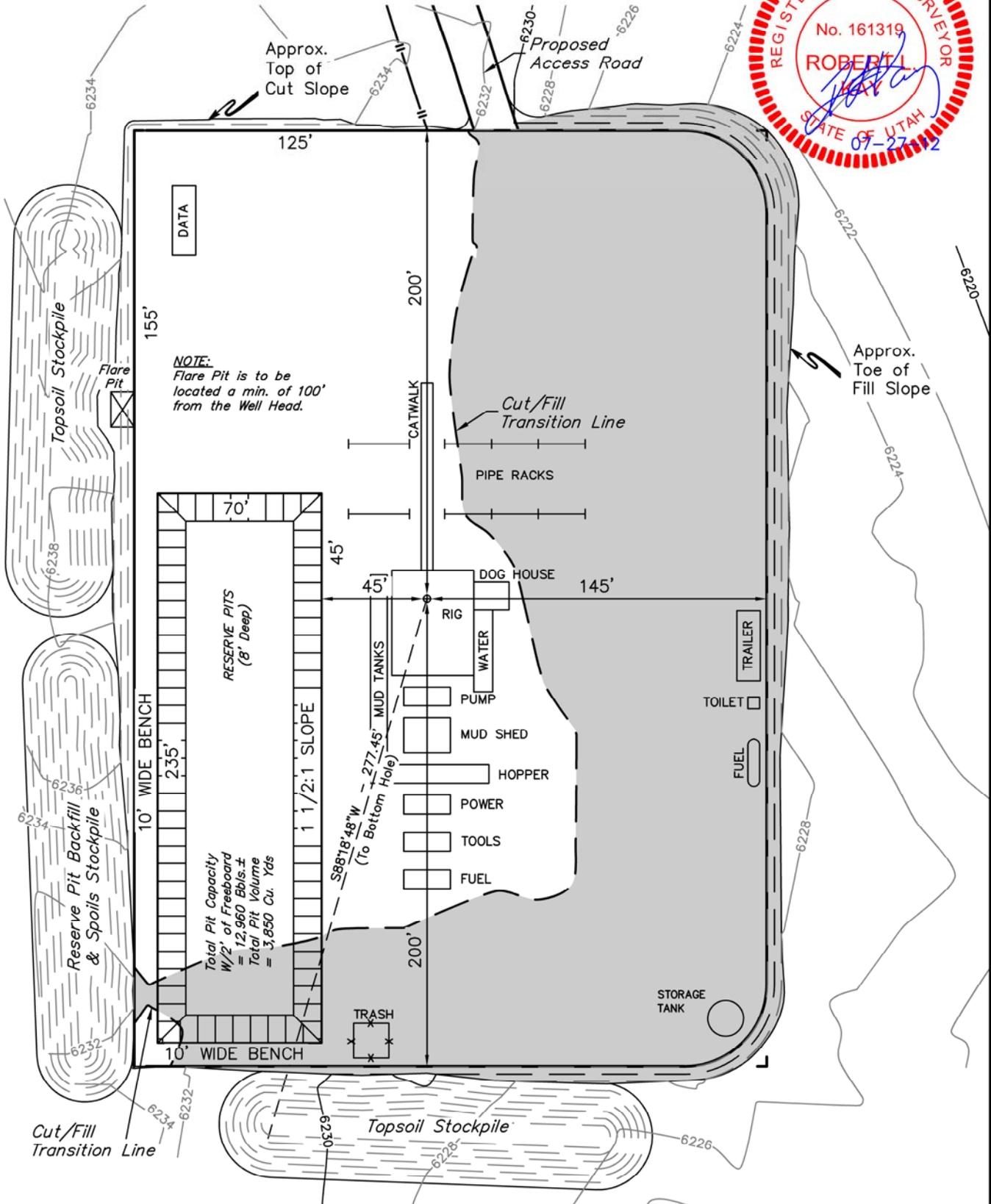
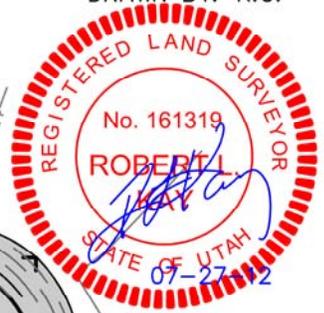
813' FNL 1703' FWL

FIGURE #3

SCALE: 1" = 60'

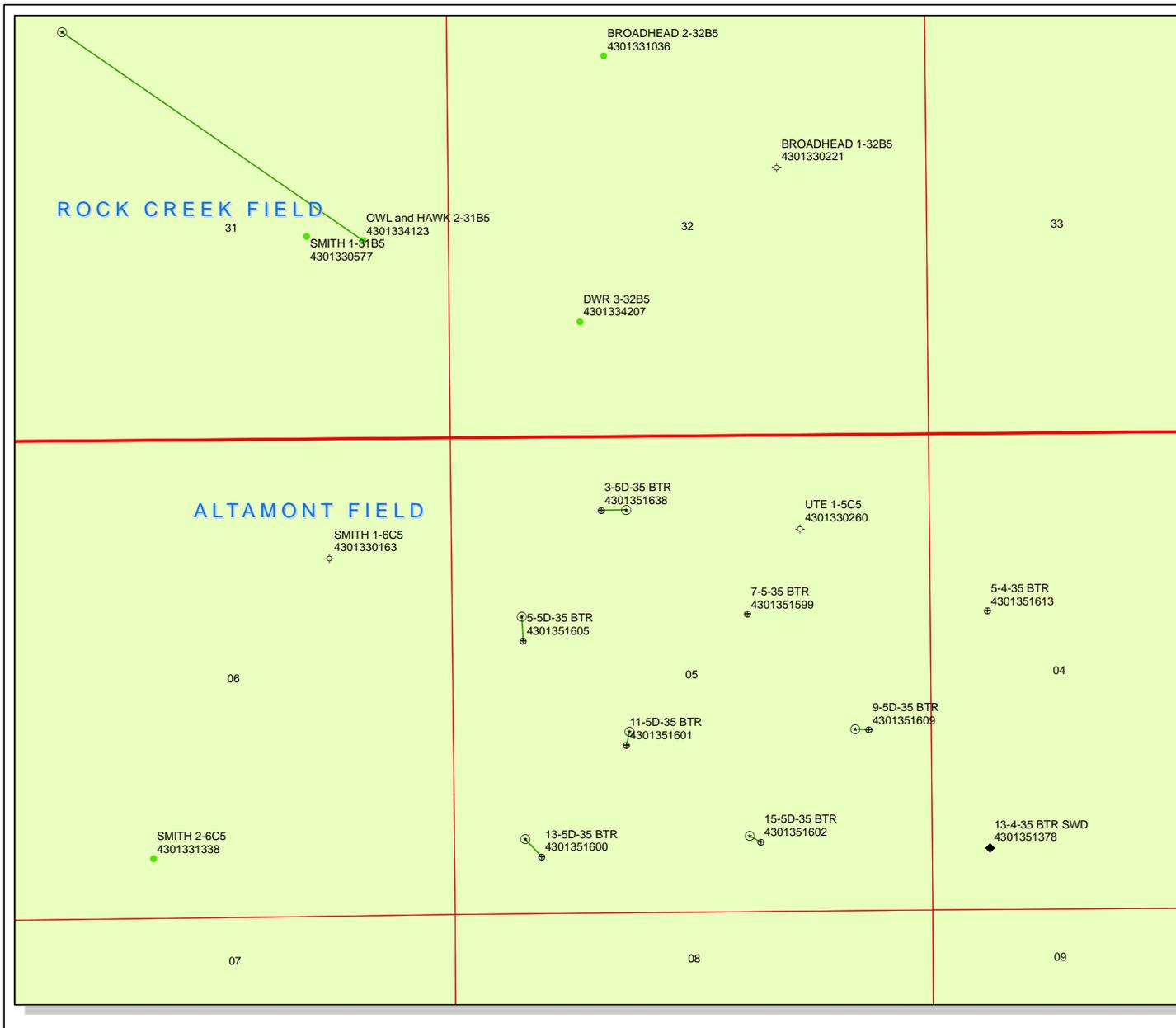
DATE: 07-27-12

DRAWN BY: K.O.



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

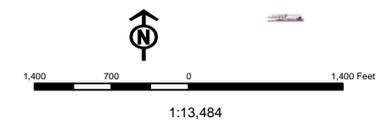
Total Pit Capacity  
W/2' of Freeboard  
= 12,960 Bbls. ±  
Total Pit Volume  
= 3,650 Cu. Yds



**API Number: 4301351638**  
**Well Name: 3-5D-35 BTR**  
 Township T03.0S Range R05.0W Section 05  
 Meridian: UBM  
 Operator: BILL BARRETT CORP

Map Prepared:  
 Map Produced by Diana Mason

- |               |                                    |
|---------------|------------------------------------|
| <b>Units</b>  | <b>Wells Query</b>                 |
| <b>STATUS</b> | <b>STATUS</b>                      |
| ACTIVE        | APD - Approved Permit              |
| EXPLORATORY   | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE   | GIW - Gas Injection                |
| NF PP OIL     | GS - Gas Storage                   |
| NF SECONDARY  | LOC - New Location                 |
| P1 OIL        | OPS - Operation Suspended          |
| PP GAS        | PA - Plugged Abandoned             |
| PP GEOTHERML  | PGW - Producing Gas Well           |
| PP OIL        | POW - Producing Oil Well           |
| SECONDARY     | SGW - Shut-in Gas Well             |
| TERMINATED    | SOW - Shut-in Oil Well             |
| <b>Fields</b> | TA - Temp. Abandoned               |
| Unknown       | TW - Test Well                     |
| ABANDONED     | WDW - Water Disposal               |
| ACTIVE        | WW - Water Injection Well          |
| COMBINED      | WSW - Water Supply Well            |
| INACTIVE      | Bottom Hole Location - Oil/Gas/Oil |
| STORAGE       |                                    |
| TERMINATED    |                                    |



# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** BILL BARRETT CORP  
**Well Name** 3-5D-35 BTR  
**API Number** 43013516380000      **APD No** 6615    **Field/Unit** ALTAMONT  
**Location: 1/4,1/4** NENW    **Sec 5 Tw** 3.0S    **Rng** 5.0W    813 FNL 1703 FWL  
**GPS Coord (UTM)** 544411 4456094      **Surface Owner** Jay Jensen

### Participants

Zack Garner (BBC), Don Hamilton (permit contractor), Brandon Bowthorpe and Trevor Anderson (surveyors), James Hereford (BLM), Amy Ackman (archeologist), Joe Via (T &E species)

### Regional/Local Setting & Topography

This proposed location lays approximately 10 miles northwest of Duchesne, Utah and approximately 2 miles northwest of Starvation Reservoir. The land in this area generally slopes south east toward Starvation Reservoir through a series of dry wash and small rugged canyons. This particular sight slopes toward the north toward a drainage which will then turn and drain toward Starvation Reservoir.

### Surface Use Plan

#### **Current Surface Use**

Wildlfe Habitat

#### **New Road**

**Miles**

0.2

#### **Well Pad**

**Width 270 Length 400**

#### **Src Const Material**

Onsite

#### **Surface Formation**

UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Thick pinion and juniper. Prickly pear, some sage.

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

Sandy soil, with exposed rock ledges

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diverson Required?** N

**Berm Required?** N

**Erosion Sedimentation Control Required? N**

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

**Distance to Groundwater (feet)  
Distance to Surface Water (feet)  
Dist. Nearest Municipal Well (ft)  
Distance to Other Wells (feet)  
Native Soil Type  
Fluid Type  
Drill Cuttings  
Annual Precipitation (inches)  
Affected Populations  
Presence Nearby Utility Conduits**

**Final Score**

**Sensitivity Level**

**Characteristics / Requirements**

The reserve pit as proposed is 235ft by 70ft by 8ft deep and is to be placed in a cut stable location. Kary Eldredge of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used. This appears to be adequate for this location.

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

**Other Observations / Comments**

Richard Powell  
**Evaluator**

8/21/2012  
**Date / Time**

---

**Application for Permit to Drill  
Statement of Basis  
Utah Division of Oil, Gas and Mining**

---

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
6615	43013516380000	LOCKED	OW	P	No
<b>Operator</b>	BILL BARRETT CORP		<b>Surface Owner-APD</b>	Jay Jensen	
<b>Well Name</b>	3-5D-35 BTR		<b>Unit</b>		
<b>Field</b>	ALTAMONT		<b>Type of Work</b>	DRILL	
<b>Location</b>	NENW 5 3S 5W U 813 FNL (UTM) 544408E 4456080N		1703 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**

9/10/2012  
**Date / Time**

**Surface Statement of Basis**

This location is on fee surface with Indian minerals. The surface owner is Jay Jensen. Attempts were made to contact Mr. Jensen by phone but he did not return calls. A message was left inviting Mr. Jensen to the onsite inspection but he did not attend. The reserve pit as proposed is 235ft by 70ft by 8ft deep and is to be placed in a cut stable location. Zack Garner of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used which appears to be adequate for this location. A drainage diversion will be needed for this location. This appears to be a good location for placement of this well.

Richard Powell  
**Onsite Evaluator**

8/21/2012  
**Date / Time**

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

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
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: 8/15/2012

API NO. ASSIGNED: 43013516380000

WELL NAME: 3-5D-35 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: NENW 05 030S 050W

Permit Tech Review: 

SURFACE: 0813 FNL 1703 FWL

Engineering Review: 

BOTTOM: 0810 FNL 1980 FWL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.25400

LONGITUDE: -110.47782

UTM SURF EASTINGS: 544408.00

NORTHINGS: 4456080.00

FIELD NAME: ALTAMONT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 2OG0005608

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: INDIAN - LPM8874725
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 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 139-91
- Effective Date: 6/7/2012
- Siting: 660' Fr Sectional Bdry & 990' 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:** 3-5D-35 BTR  
**API Well Number:** 43013516380000  
**Lease Number:** 2OG0005608  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 9/12/2012

### 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 139-91. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

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

### General:

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

### Conditions of Approval:

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

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

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

### Notification Requirements:

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

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

(please leave a voicemail message if not available)

OR

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

**Reporting Requirements:**

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

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

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

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

SEP 05 2012

**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		7. If Unit or CA Agreement, Name and No.
Contact: VENESSA LANGMACHER E-Mail: vlangmacher@billbarrettcorp.com		8. Lease Name and Well No. 3-5D-35 BTR
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420	9. API Well No. 43-013-51638
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENW Lot 3 813FNL 1703FWL 40.254103 N Lat, 110.477753 W Lon At proposed prod. zone NENW Lot 3 810FNL 1980FWL 40.254125 N Lat, 110.476761 W Lon		10. Field and Pool, or Exploratory ALTAMONT
14. Distance in miles and direction from nearest town or post office* 10.4 MILES NORTHWEST OF DUCHESNE, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 5 T3S R5W 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. NONE	19. Proposed Depth 12135 MD 12127 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6234 GL	22. Approximate date work will start 01/01/2013	17. Spacing Unit dedicated to this well 80.00
		20. BLM/BIA Bond No. on file LPM8874725
		23. Estimated duration 60 DAYS (D&C)

24. Attachments

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

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. 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 09/05/2012
Title SENIOR PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date APR 22 2013
Title Office		

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

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

Additional Operator Remarks (see next page)

Electronic Submission #148824 verified by the BLM Well Information System  
For BILL BARRETT CORPORATION, sent to the Vernal  
Committed to AFMSS for processing by LESLIE ROBINSON on 09/12/2012 ()

**UDOGM**

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

12PRH2934AZ

NCS-8/14/12.



**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:** 3-5D-35 BTR  
**API No:** 43-013-51638

**Location:** NENW, Sec. 5, T3S, R5W  
**Lease No:** 20G0005608  
**Agreement:** N/A

**OFFICE NUMBER: (435) 781-4400**

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

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

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

**NOTIFICATION REQUIREMENTS**

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

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

- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Noxious weeds will be treated, monitored, and controlled along both the access road, pipeline route, and on the well pad itself.
- Insure topsoil stability on location and use topsoil for interim reclamation as soon as possible to maintain viability of the topsoil resource. If stored for a longer period of time then topsoil will be maintained to increase viability until the resource can be used for reclamation purposes only.
- All above ground production facilities will be painted Beetle Green on all locations to help blend in with the surrounding habitat, unless otherwise directed by the landowners or BLM AO.
- The operator must conduct operations to minimize adverse effects to surface and subsurface resources. This will be accomplished by staying on the approved acres of disturbance, and conforming to dust mitigation technology and doing interim reclamation practices on unused portions of the proposal.
- All dry washes will be diverted away from the actual well pad as discussed during the onsite investigation, and as agreed to by the landowners.
- All production equipment will be placed towards the front of the proposed well pad to maximize interim reclamation as discussed and agreed upon during the onsite.
- 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. Road areas not being used and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact the private landowner for seed mixes that work in the area. This could also be included in the reclamation plan from BBC. Seeds must be planted in August and prior to ground freeze. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture

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

**SITE SPECIFIC DOWNHOLE COAs:**

- Gamma Ray Log shall be run from Total Depth to Surface.
- To effectively protect useable water, cement for the long string is required to be brought 200' above the surface casing shoe.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

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

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

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- 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 (¼ ¼, 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.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> 2OG0005608
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7.UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> 3-5D-35 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43013516380000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8134 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0813 FNL 1703 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 05 Township: 03.0S Range: 05.0W Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 6/12/2013	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This well was spud on 6/12/2013 at 3:30 pm by Triple A Drilling; Rig #TA 4037, Type Soilmec SR/30. Continuous drilling is planned to commence on 7/04/2013.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 13, 2013

<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/13/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> 3-5D-35 BTR
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43013516380000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8134 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0813 FNL 1703 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/30/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. attached is the June 2013 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> July 09, 2013		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/9/2013



19:30 | 10:30 | 00:00 | LOCK | LOCK Wellhead & Secure | WELL SECURE. TBS FLOWING TO SALES.

**3-5D-35 BTR 6/27/2013 06:00 - 6/28/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,503.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.50	18:30	1	RIGUP & TEARDOWN	RIG DOWN FLOOR PREP TOP DRIVE - LOWER OUT TOP DIRVE - PREP DERRICK LOWER DERRICK - R/D & MOVE BACK YARD - PREP DERRICK AND SET ON TRUCKS, PULL DRAWWORKS - SET MATTING BOARDS & SKID RAILS ON NEW LOCATION - RIG IS 100% RIGGED DOWN, 80% MOVED & 5% RIGGED UP
18:30	11.50	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT AND RIG MOVE TRUCKS DUE TO HOURS

**3-5D-35 BTR 6/28/2013 06:00 - 6/29/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,503.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.50	18:30	1	RIGUP & TEARDOWN	SET BACK YARD - SET SUBS, DRAWWORKS, DOGHOUSE, SET A-LEGS - PREP DERRICK & PIN TO FLOOR, INSTALL DERRICK BOARD, AND PREP TO RAISE DERRICK, RAISE DERRICK, INSTALL TOP DRIVE, R/U ELECTRICAL, SET V-DOOR & CATWALK - TRUCKS RELEASED @ 18:30
18:30	11.50	06:00	1	RIGUP & TEARDOWN	WAIT ON CREWS & DAYLIGHT

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# SST RIG 17  
Submitted By JEREMY MEJORADO Phone Number 281-833-2424

Well Name/Number 3-5D-35 BTR  
Qtr/Qtr NE/NW Section 5 Township 3S Range 5W  
Lease Serial Number 2OG0005608  
API Number 4301351638

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

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

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

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

Date/Time 7/3/13 12:00 AM  PM

BOPE

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

Date/Time \_ \_ AM  PM

RECEIVED

JUL 14 2013

BLM OF OIL, GAS & MINERAL

Remarks WE WILL BE CEMENTNG AROUND 5:00 PM 7/3/13  
PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# SST RIG 17  
Submitted By CECIL E. CROW Phone Number 281-833-2424  
Well Name/Number 3-5D-35 BTR  
Qtr/Qtr NE/NW Section 5 Township 3S Range 5W  
Lease Serial Number 2OG0005608  
API Number 4301351638

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

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

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

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

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

BOPE

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

**RECEIVED**

JUL 05 2013

DIV. OF OIL, GAS & MINING

Date/Time 7/5/13 12:00 AM  PM

Remarks WE WILL BE TESTING BOPE AROUND 12:00

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# SST RIG 17  
Submitted By CECIL E. CROW Phone Number 281-833-2424  
Well Name/Number 3-5D-35 BTR  
Qtr/Qtr NE/NW Section 5 Township 3S Range 5W  
Lease Serial Number 2OG0005608  
API Number 4301351638

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

Date/Time 7/21/13 12:00 AM  PM

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

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

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

BOPE

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

RECEIVED

JUL 20 2013

DIV. OF OIL, GAS & MINING

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

Remarks WE WILL START RUNNING CASING AROUND NOON  
7/21/13

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 2OG0005608			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> 3-5D-35 BTR			
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43013516380000			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0813 FNL 1703 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
<b>TYPE OF SUBMISSION</b>  <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/31/2013	<b>TYPE OF ACTION</b>				
	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <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         </td> <td style="width: 33%; vertical-align: top;"> <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         </td> <td style="width: 33%; vertical-align: top;"> <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"/> </td> </tr> </table>		<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"/>
<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.  Attached is the July 2013 Drilling Activity for this well.					
<p style="margin: 0;"><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p style="margin: 0;"><b>FOR RECORD ONLY</b></p> <p style="margin: 0;">August 08, 2013</p>					
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst			
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/5/2013				

**3-5D-35 BTR 7/1/2013 06:00 - 7/2/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	W/600 GPM, 55 RPM, 26K WT ON BIT, 200-350 DIFF PRESS, 7K TQ
09:00	3.00	12:00	5	COND MUD & CIRC	LOST RETURNS @ 2751' PUMP 45% LCM SWEEPS & BUILD VOLUME
12:00	0.50	12:30	6	TRIPS	PUMP 80 BBLs 55% LCM PILL - T.O.O.H. F/2751' T/2350'
12:30	2.50	15:00	5	COND MUD & CIRC	LET PILL SOAK - BUILD VOLUME & RAISE LCM CONTENT IN MUD TANKS TO 35%
15:00	2.00	17:00	5	COND MUD & CIRC	ATTEMPT TO BREAK CIRC - PUMP 55% LCM SWEEPS - UNABLE TO ESTABLISH RETURNS
17:00	0.50	17:30	6	TRIPS	T.O.O.H. F/2350' T/1650'
17:30	3.00	20:30	5	COND MUD & CIRC	LET PILL SOAK - BUILD VOLUME IN MUD TANKS - BREAK CIRC - ESTABLISHED FULL RETURNS
20:30	1.50	22:00	6	TRIPS	T.I.H. BREAK CIRC EVRY 300'
22:00	6.50	04:30	2	DRILL ACTUAL	W/591 GPM, 55 RPM, 26K WT ON BIT, 150-350 DIFF PRESS
04:30	1.50	06:00	5	COND MUD & CIRC	LOST RETURNS @ 3099' - PUMP SWEEPS - PUMP 120 BBLs 55% LCM PILL

**3-5D-35 BTR 7/2/2013 06:00 - 7/3/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	5	COND MUD & CIRC	BUILD VOLUME - RAISE LCM CONTENT TO 40%
08:00	3.00	11:00	2	DRILL ACTUAL	W/460 GPM, 50 RPM, 28 K WT ON BIT, 200-350 DIFF PRESS - 8K TQ
11:00	2.50	13:30	5	COND MUD & CIRC	LOST RETURNS @ 3137' - BUILD VOLUME PUMP POLY SWELL SWEEP - ESTABLISH RETURNS
13:30	3.00	16:30	2	DRILL ACTUAL	W/460 GPM, 50 RPM, 28K WT ON BIT, 180-300 DIFF PRESS - 8K TQ
16:30	1.00	17:30	5	COND MUD & CIRC	LOST RETURNS @ 3229' - BUILD VOLUME - SPOT 100 BBL POLLY SWELL SWEEP
17:30	3.50	21:00	6	TRIPS	T.O.O.H. F/3229' T/0' - L/D REAMERS
21:00	1.00	22:00	20	DIRECTIONAL WORK	BREAK BIT - L/D MUD MOTOR - P/U NEW MOTOR - M/U BIT & OREINT MWD TOOL
22:00	3.00	01:00	6	TRIPS	T.I.H. F/0 T/3229' ATTEMPT TO BREAK CIRC @ 1500' & 2500' - ESTABLISH RETURNS
01:00	1.50	02:30	2	DRILL ACTUAL	W/450 GPM, 50 RPM, 20-26K WT ON BIT, 200-500 DIFF PRESS, 8K TQ
02:30	0.50	03:00	5	COND MUD & CIRC	LOST RETURNS @ 3245' - BUILD VOLUME
03:00	2.50	05:30	2	DRILL ACTUAL	W/450 GPM, 60 RPM, 22K WT ON BIT, 200-500 DIFF PRESS, 9K TQ - DRILLING WITH NO RETURNS
05:30	0.50	06:00	5	COND MUD & CIRC	BUILD VOLUME

**3-5D-35 BTR 7/3/2013 06:00 - 7/4/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,390'-3,619'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 68/ ROP 32.71/DRILLING BLIND
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	6.00	19:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,619'-3,870'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 68/ ROP 41.83/DRILLING BLIND UNTIL 3,685' ESTABLISHED RETURNS BUILDING LCM TO 40% & VIS TO 42-45
19:30	0.50	20:00	5	COND MUD & CIRC	BRING LCM UP TO 35%/GO THROUGH PUMPS
20:00	4.50	00:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,870'-4,029'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 68/ ROP 35.33/WELL STARTING TO SEEP WITH 40% LCM IN 25% LCM OUT
00:30	0.50	01:00	5	COND MUD & CIRC	CIRC SWEEP TO SURFACE
01:00	2.00	03:00	6	TRIPS	WIPER TRIP 12-STDS OUT/TIGHT HOLE @ 3,258'-3,193'/TIGHT HOLE 3,140'-3,270'/LOST 200 BBLs ON WIPER TRIP
03:00	3.00	06:00	5	COND MUD & CIRC	STAGE HIS VIS LCM SWEEPS/BUILD VOL & LCM TO 50% IN ACTICVE

**3-5D-35 BTR 7/4/2013 06:00 - 7/5/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	6	TRIPS	TOOH W/ BIT #2
10:00	1.00	11:00	20	DIRECTIONAL WORK	LD 8" DIR TOOLS
11:00	10.00	21:00	12	RUN CASING & CEMENT	HELD SAFETY MEETING/RU CASING CREW/RUN 98 JTS 4,031.98' 9-5/8 J-55 36# 8RD LTC Rng3 SURFACE CSG, SHOE @ 4,028'/BRK CIRC. 625, 1,450, 2,264, 3,082, & 4,028'/SHOE @ 4,028'/RD CASING CREW
21:00	3.50	00:30	12	RUN CASING & CEMENT	RU HALLIBURTON/TEST LINES @ 5,000 PSI PUMP 20 BBL H2O SPACER/40BBL SUPER FLUSH/ 20 BBL H2O SPACER/ 700 SKS 393.6 BBL 2,209.99 CU/FT 11.00PPG 3.16 YEILD 19.48 GAL/SK/245 SKS 58BBL 325.65 CU/FT 14.8PPG 1.33 YEILD 6.40 GAL/SK DISPLACE 308.39 BBL H2O DISPLACEMENT/FINAL LIFT 389 PSI, BUMP PLUG @ 628 PSI HELD 3-MIN.FLOATS HELD. LOST RETURNS 26 BBL IN DISPLACEMENT.
00:30	2.50	03:00	13	WAIT ON CEMENT	WOC/TIH W/1"
03:00	1.00	04:00	12	RUN CASING & CEMENT	1ST TOP JOB/PUMP 216SKS 45 BBL 252.67CU/FT 15.8PPG 1.17YD 5.02 GAL/SK NO RETURNS
04:00	2.00	06:00	13	WAIT ON CEMENT	WOC/TIH W/ 1"

**3-5D-35 BTR 7/5/2013 06:00 - 7/6/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	13	WAIT ON CEMENT	WOC CLEAN MUD PITS
07:00	0.50	07:30	12	RUN CASING & CEMENT	PUMP 202SKS 15.8PPG 1.17 YD 5.02 GAL/SK 3% CACL
07:30	2.50	10:00	13	WAIT ON CEMENT	WOC/CLEAN MUD PITS
10:00	0.50	10:30	12	RUN CASING & CEMENT	3RD TOP JOB/PUMP 135SKS 28 BBL 15.8 PPG 1.17YD 5.02 GAL/SK 7BBL CMT TO SURFACE
10:30	3.00	13:30	13	WAIT ON CEMENT	WOC/RD HALLIBURTON/LD MOUSE HOLE/CUT CONDUCTOR/PREP CELLAR FOR WELL HEAD
13:30	2.50	16:00	21	OPEN	CUT SURFACE CASING/LD CONDUTOR PIPE/INSTALL WELL HEAD
16:00	2.50	18:30	14	NIPPLE UP B.O.P	NU BOPE
18:30	4.00	22:30	15	TEST B.O.P	TIW, LOWER KELLY, INSIDE BOP, KILL INSIDE CHECK, INNER & OUTER CHOKE MANIFOLD VALVES, PIPE RAMS, BLIND RAMS, HCR VALVE, INSIDE KILL ALL TESTED 5000 PSI 10-MIN/ MANUAL CHOKE & POWER CHOKE @ 500 PSI 5-MIN/ CASING@1500 PSI 30-MIN/ ANN: 2500 PSI 10 MIN/ ELITE BOP TESTING/ BILL KARP TESTER
22:30	0.50	23:00	21	OPEN	INSTALL WEAR BUSHING
23:00	1.50	00:30	20	DIRECTIONAL WORK	PU DIR.TOOLS/SCRIBE & ORIENTATE
00:30	2.50	03:00	6	TRIPS	TIH W/BIT #3/BREAK CIRC @ 870'/TAG CMT @ 3987'
03:00	0.50	03:30	3	REAMING	DRILL CMT & FLOAT EQUIPMENT F.C @ 3,988'/ FS @ 4,028'
03:30	0.50	04:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,029'-4,049'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 112/ ROP 40
04:00	0.50	04:30	5	COND MUD & CIRC	CIRC BTMS UP PUMP SWEEP/EMW TEST TO 10.5PPG 360PSI LOST 2-PSI GOOD TEST
04:30	1.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,049'-4,152'/ WOB 18K-24K/PUMP #1 80/ PUMP #2 80/ ROT RPM 45/ BIT RPM 149/ ROP 103

**3-5D-35 BTR 7/6/2013 06:00 - 7/7/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,152'-4,814'/ WOB 18K-24K/PUMP #1 80/ PUMP #2 80/ ROT RPM 45/ BIT RPM 149/ ROP 82.75
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SERVICE
14:30	15.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,814'-5,565'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 48.45

**3-5D-35 BTR 7/7/2013 06:00 - 7/8/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL/ 5,565'-6,050'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 51.05

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6,050'-6,550'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 35.71

**3-5D-35 BTR 7/8/2013 06:00 - 7/9/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	DRILL ACTUAL/ 6,550'-6,904'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 47.2
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	16.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6,904'-7,503'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 37.43

**3-5D-35 BTR 7/9/2013 06:00 - 7/10/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	DRILL ACTUAL/ 7,503'-7,852'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 46.53
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	3.50	17:30	2	DRILL ACTUAL	DRILL ACTUAL/ 7,852'-8,013'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 46.0
17:30	0.50	18:00	7	LUBRICATE RIG	TOOH W/ BIT #3
18:00	1.50	19:30	20	DIRECTIONAL WORK	LD REAMERS, & BIT/CHANGE BATTERIES IN EM TOOL, SCRIBE, ORIENTATE, MU BIT
19:30	1.00	20:30	6	TRIPS	TIH W/ BIT #3
20:30	1.00	21:30	9	CUT OFF DRILL LINE	CUT & SLIP 23 WRAPS DRLG LINE
21:30	3.00	00:30	6	TRIPS	TIH W/ BIT #4/ BRK CIRC @ SHOE, 6,000', & 7,900'
00:30	1.50	02:00	2	DRILL ACTUAL	DRILL ACTUAL/ 8,013'-8,061'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 112/ ROP 32

**3-5D-35 BTR 7/10/2013 06:00 - 7/11/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	DRILL ACTUAL/ 8,061'-8,409'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 112/ ROP 40.9
14:30	0.50	15:00	7	LUBRICATE RIG	RIG SERVICE
15:00	3.00	18:00	2	DRILL ACTUAL	DRILL ACTUAL/ 8,409'-8,625'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 112/ ROP 72.0
18:00	1.50	19:30	5	COND MUD & CIRC	CIRC BTMS UP & BUILD SLUG TO TOO H FOR MUD MTR FAILURE
19:30	3.50	23:00	6	TRIPS	TOOH W/ BIT #4 F/MUD MTR FAILURE
23:00	1.00	00:00	20	DIRECTIONAL WORK	CHANGE OUT MUD MTR/TURN MTR UP TO 1.83/SCRIBE & ORIENTATE
00:00	5.00	05:00	6	TRIPS	TIH W/ BIT #5
05:00	1.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 8,625'-8,648'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 23

**3-5D-35 BTR 7/11/2013 06:00 - 7/12/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	DRILL ACTUAL/ 8,648'-9,032'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 59.07
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE/TROUBLESHOOT TOP DRIVE
13:00	1.50	14:30	2	DRILL ACTUAL	DRILL ACTUAL/ 9,032'-9,074'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 28.0
14:30	2.50	17:00	8	REPAIR RIG	CHANGE OUT ENCODER ON TOP DRIVE

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,074'-9,471'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 30.53

**3-5D-35 BTR 7/12/2013 06:00 - 7/13/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,471'-9,643'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 24.57
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	1.50	15:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,643'-9,677'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 22.66
15:00	1.50	16:30	5	COND MUD & CIRC	HOLE SEEPING LOST 200 BBLS/BUILD VOL & LCM CONTENT UP TO 30%
16:30	13.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,677'-9,975'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 22.07

**3-5D-35 BTR 7/13/2013 06:00 - 7/14/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,975'-10,013'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 19.0
08:00	3.00	11:00	6	TRIPS	TOOH W/ BIT #5
11:00	2.00	13:00	21	OPEN	RE-LOCATE FLARE BOX
13:00	2.00	15:00	6	TRIPS	TOOH W/ BIT #5
15:00	1.00	16:00	20	DIRECTIONAL WORK	XO MUD MTR & BIT/SCRIBE & ORIENTATE
16:00	1.50	17:30	6	TRIPS	TIH W/ BIT #6
17:30	0.50	18:00	9	CUT OFF DRILL LINE	CUT & SLIP 16 WRAPS/88'
18:00	0.50	18:30	7	LUBRICATE RIG	CHANGE OUT GRABBER DIES
18:30	3.50	22:00	6	TRIPS	TIH W/ BIT #6/ BRK CIRC @ 4,060'
22:00	8.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,013'-10,149'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 17.0

**3-5D-35 BTR 7/14/2013 06:00 - 7/15/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL/ 10,149'-10,298'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 15.68
15:30	1.50	17:00	5	COND MUD & CIRC	CIRC BTMS UP/MIX & PUMP SLUG
17:00	4.50	21:30	6	TRIPS	TOOH W/ BIT #6
21:30	1.00	22:30	20	DIRECTIONAL WORK	LD BIT & MUD MTR/MU BIT & MUD MTR/SCRIBE & ORIENTATE
22:30	6.00	04:30	6	TRIPS	TIH W/ BIT #7/BRK CIRC @ 1,000', 4,060', 6,000', & 8,000'
04:30	0.50	05:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,298'-10,303'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 10.0
05:00	1.00	06:00	5	COND MUD & CIRC	LOST RETURNS PUMPING 60% LCM SWEPPS BRINGING ACTIVE UP TO 40% LCM

**3-5D-35 BTR 7/15/2013 06:00 - 7/16/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	5	COND MUD & CIRC	PUMP 60% LCM SWEPPS/BUILD VOL/STAGE SWEPPS/EST RETURNS
12:30	17.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,303'-10,524'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 12.62

**3-5D-35 BTR 7/16/2013 06:00 - 7/17/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,524'-10,590'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 11.0
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	17.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,590'-10,820'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 13.52

**3-5D-35 BTR 7/17/2013 06:00 - 7/18/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,820'-10,944'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 17.71
13:00	1.00	14:00	5	COND MUD & CIRC	CIRC BTMS UP
14:00	6.50	20:30	6	TRIPS	TOOH W/ BIT #7
20:30	2.50	23:00	20	DIRECTIONAL WORK	LD BIT & MUD MTR/CHANGE BATTIRIES IN EM TOOL/SCRIBE & ORIENTATE
23:00	3.00	02:00	6	TRIPS	TIH W/ BIT #8/BRK CIRC
02:00	1.50	03:30	9	CUT OFF DRILL LINE	CUT & SLIP DRLG LINE
03:30	2.50	06:00	6	TRIPS	TIH W/ BIT #8/BRK CIRC. @ 6,000', 8M000, 10,000, 10,873 WAS TO BTM

**3-5D-35 BTR 7/18/2013 06:00 - 7/19/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	TIH W/ BIT #8
08:30	9.00	17:30	2	DRILL ACTUAL	DRILL ACTUAL/ 10,944'-11,063'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 13.22
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 11,063'-11,233'/ WOB 18K-24K/PUMP #1 100/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 14.16

**3-5D-35 BTR 7/19/2013 06:00 - 7/20/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	DRILL ACTUAL/ 11,233'-11,253'/ WOB 18K-24K/PUMP #1 100/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 10.0
08:00	0.50	08:30	7	LUBRICATE RIG	RIG SERVICE
08:30	21.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 11,253'-11,572'/ WOB 18K-24K/PUMP #1 110/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 14.83

**3-5D-35 BTR 7/20/2013 06:00 - 7/21/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	2	DRILL ACTUAL	DRILL ACTUAL/ 11,572'-11,588'/ WOB 18K-24K/PUMP #1 110/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 6.4
08:30	4.50	13:00	6	TRIPS	WIPER TRIP TO 8,885'/WASH & REAM TIGHT HOLE 9,260'=9,070'
13:00	2.00	15:00	5	COND MUD & CIRC	PUMP SWEEP TO SURFACE/COND HOLE
15:00	7.50	22:30	6	TRIPS	TOOH W/ BIT #8 F/ OH LOGS
22:30	0.50	23:00	20	DIRECTIONAL WORK	LD BIT & MUD MTR/LD ALL 6" DIR. TOOLS
23:00	7.00	06:00	11	WIRELINE LOGS	RU LOGGERS/HELD SAFETY MEETING/ LOGGERS DEPTH 11,581'/DRILLERS DEPTH 11,588'/RD LOGGERS

**3-5D-35 BTR 7/21/2013 06:00 - 7/22/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516380000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	6	TRIPS	TIH W/BIT #9 CLEAN UP BIT/CRK CIRC @ 4,000'

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:00	0.50	09:30	9	CUT OFF DRILL LINE	SLI & CUT 11 WRAPS
09:30	4.00	13:30	6	TRIPS	TIH W/ BIT #9 CLEAN UP BIT/BRK CIRC @ 6,000', 8,000', 10,000', 11,472' WAS TO BTM
13:30	2.00	15:30	5	COND MUD & CIRC	CIRC GAS OUT OF WELL BORE/ MIX SLUG/CHANGE OUT BAILS/RU LD MACHINE
15:30	9.50	01:00	6	TRIPS	TOOH W/ BIT #9/PUMP OUT 10-STDS/ LD DRILL STRING
01:00	0.50	01:30	21	OPEN	PULL WEAR BUSHING
01:30	3.00	04:30	12	RUN CASING & CEMENT	RU CASING CREW/HELD SAFETY MEETING/RUN 25 JTS + 1-M.JT 5-1/2" 17# P-110 LT&C PROD CSG./BRK CIRC @ 1,133' STRING PACKED OFF/ATTEMPT TO BRK CIRC/ PACKED OFF/ATTEMPT TO FREE PACKED OFF STRING WITH PUMP WITH NO SUCCESS.
04:30	1.50	06:00	12	RUN CASING & CEMENT	RU LAY DOWN MACHINE TO LAY DOWN CASING/HELD SAFETY MEETING/LAY DOWN CASING

**3-5D-35 BTR 7/22/2013 06:00 - 7/23/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	12	RUN CASING & CEMENT	LD 25 JTS OF 5-1/2" 17# P-110 LT&C PROD CSG
08:30	1.50	10:00	12	RUN CASING & CEMENT	RU LD MACHINE TO RUN CASING
10:00	14.50	00:30	12	RUN CASING & CEMENT	RUN 266 JTS 11,580.28' 5-1/5 P-110 17# 8RD LTC Rng3 PRODUCTION CSG, SHOE @ 11,578'/BRK CIRC, 625,1,000' THEN EVERY 1,000'/RD CASING CREW
00:30	5.50	06:00	12	RUN CASING & CEMENT	RU HALLIBURTON/HELD SAFETY MEEETING

**3-5D-35 BTR 7/23/2013 06:00 - 7/24/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	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	12	RUN CASING & CEMENT	TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBLs TUNED SPACER/1,385 SKS 451 BBLs 2,532.29 CU/FT 12.00PPG 1.83 YEILD 8.39 GAL/SK/610 SKS 158BBLs 887.14 CU/FT 13.5PPG 1.45 YEILD 6.85 GAL/SK DISPLACE 266.6 BBLs H2O CLAYWEB & ALGOCIDE/FINAL LIFT 3,727 PSI, BUMP PLUG @ 4,208 PSI HELD 3-MIN.FLOATS HELD. LOST FLOW WHEN STARTED DISPALCMENT 266.6 BBLs/NEVER REGAINED CIRCUCATION /RD HALLIBURTON
07:00	0.50	07:30	21	OPEN	CLEAN STACK
07:30	2.50	10:00	13	WAIT ON CEMENT	WOC/ND BOP/PU 245K 35K OVER ST. WT. SET SLIPS @ 240K 30K OVER ST. WT.
10:00	8.50	18:30	21	OPEN	CLEAN PITS, INSTALL NIGHT CAP, RD TOP DRIVE & TRAK, LAY DERRICK OVER/RELEASE RIG @ 18:00 7/23/13

**3-5D-35 BTR 7/26/2013 06:00 - 7/27/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.
07:00	4.00	11:00	IWHD	Install Wellhead	Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides.N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16" x 5k Gate Valves. Tested Hanger Seals To 7100 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.
11:00	20.00	07:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.

**3-5D-35 BTR 7/27/2013 06:00 - 7/28/2013 06:00**

API/UWI 43013516380000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,588.0	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	LOCL	Lock Wellhead & Secure	WSI Shut In And Secured.
08:00	1.00	09:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:00	6.00	15:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 11,447', Drilling Report Shows FC At 11,489', 42' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 11,447', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 07-20-2013. Run Repeat Section From 11,440 - 11,200', Log Up Hole. Showed Good Bond From TD To 7,500, 7,500 - 5,450' Free Pipe/Ratty, 5,450 - 4,450 Ratty. TOC 4,450'. Found Short Joints At 10,960 - 10,980, 10,073 - 10,095 And 8,689 - 8,711'. Ran With Pressure. Pooh, RD Equipment, MOL.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> 3-5D-35 BTR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43013516380000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0813 FNL 1703 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This well received first production on 9/14/2013 and first gas and oil sales on 9/15/2013.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
September 16, 2013**

<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/16/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 20G0005608
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> 3-5D-35 BTR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43013516380000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0813 FNL 1703 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 9/30/2013	<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 September 2013 Drilling Activity for this well.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
October 07, 2013**

<b>NAME (PLEASE PRINT)</b> Christina Hirtler	<b>PHONE NUMBER</b> 303 312-8597	<b>TITLE</b> Administrative Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/3/2013	

**3-5D-35 BTR 9/2/2013 06:00 - 9/3/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	SET FB TANK. SETTING FRAC LINE.

**3-5D-35 BTR 9/3/2013 06:00 - 9/4/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	SET AND PLUMB IN FB EQUIP. NU FRAC MANDREL, FRAC VALVES, AND FRAC HEAD. PRES TEST ALL.

**3-5D-35 BTR 9/9/2013 06:00 - 9/10/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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 KCL Tanks. HES Set Mover And Manifold. Prep For Frac.

**3-5D-35 BTR 9/10/2013 06:00 - 9/11/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	LOCL	Lock Wellhead & Secure	WSI And Secured. 0 Psi. On Well.
08:00	2.00	10:00	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment, Arm Gun, Rig Up To Well.
10:00	1.25	11:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 10,960 - 10,980'. Drop Down To Depth, Perforate Stage 1 CR-5/CR-4A/CR-4 Zone, 11,092 - 11,395'. 48 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:15	3.75	15:00	SRIG	Rig Up/Down	HES On Location At 12:00 Hrs. Rig Up Equipment
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**3-5D-35 BTR 9/11/2013 06:00 - 9/12/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.



## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 21.  Open Well, 0 Psi. ICP. BrokeDown At 9.5 Bpm And 5,132 Psi..  Pump 3900 Gals. 15% HCL And 96 Bio Balls, Attempt BallOut. Let Balls Fall.  Get Stabilized Injection Of 70.7 Bpm And 6,752 Psi., Get ISIP, 4,078 Psi.. 0.80 Psi./Ft.  F.G.. 39/48 Holes.  Con't With SlickWater Pad, 48,363 Gals..  Stage Into .75# 100 Mesh Pad, 74.8 Bpm At 6,243 Psi..  On Perfs, 74.5 Bpm At 6,699 Psi., 19,133 Gals.  Stage Into 1.0# 20/40 CRC Prop, 74.5 Bpm At 6,717 Psi..  On Perfs, 74.5 Bpm At 6,470 Psi., 12,136 Gals.  Stage Into 2.0# 20/40 CRC Prop, 74.6 Bpm At 6,456 Psi..  On Perfs, 74.6 Bpm At 6,042 Psi., 12,065 Gals.  Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 6,020 Psi..  On Perfs, 74.5 Bpm At 5,933 Psi., 7,559 Gals.  Stage Into 3.5# 20/40 CRC Prop, 74.5 Bpm At 5,992 Psi..  On Perfs, 74.6 Bpm At 5,780 Psi., 13,251 Gals.  Stage Into 4.0# 20/40 CRC Prop, 74.5 Bpm At 5,804 Psi..  On Perfs, 74.6 Bpm At 5,790 Psi., 14,010 Gals.  Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..  Get ISDP, 4,553 Psi.. 0.84 Psi./Ft. F.G.. WSI And Secured.  Total 100 Mesh - 14,200#  Total 20/40 CRC Prop - 150,700#.  Total Clean - 154,105 Gals.. 3,669 Bbls..  Total Produced Water - 73,708 Gals..  Total 2% KCL - 78,154 Gals..  BWTR - 3,848 Bbls.  Max. Rate - 75.3 Bpm  Avg. Rate - 74.6 Bpm  Max. Psi. - 6,734 Psi.  Avg. Psi. - 6,188 Psi.</p>
06:15	0.25	06:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
06:30	1.34	07:50	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf,  .36" Penetration Charges, 23 Gms., .44 Dia. Holes.  Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB  CBL/CCL Dated 07/27/2013.  Found And Correlated To Short Joint At 10,960 - 10,980'.  Drop Down To Depth, Set CBP At 11,079'. 2,950 Psi..  Perforate Stage 2 CR-4/CR-3 Zone, 10,741 - 11,059'. 45 Holes. 2,100 Psi..  POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
07:50	0.17	08:00	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
08:00	1.25	09:15	FRAC	Frac. Job	<p>Frac Stage 2. Fluid System: Hybor G 21.  Open Well, 1,573 Psi. ICP. BrokeDown At 10.3 Bpm And 4,020 Psi..  Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall.  Get Stabilized Injection Of 70.9 Bpm And 6,591 Psi., Get ISIP, 3,531 Psi.. 0.76 Psi./Ft.  F.G.. 28/45 Holes.  Con't With SlickWater Pad, 48,258 Gals..  Stage Into .75# 100 Mesh Pad, 74.0 Bpm At 5,949 Psi..  On Perfs, 73.9 Bpm At 6,367 Psi., 19,165 Gals.  Stage Into 1.0# 20/40 CRC Prop, 72.0 Bpm At 6,341 Psi..  On Perfs, 72.3 Bpm At 6,131 Psi., 11,697 Gals.  Stage Into 2.0# 20/40 CRC Prop, 72.6 Bpm At 6,114 Psi..  On Perfs, 75.8 Bpm At 5,757 Psi., 11,765 Gals.  Stage Into 3.0# 20/40 CRC Prop, 75.8 Bpm At 5,741 Psi..  On Perfs, 75.6 Bpm At 5,614 Psi., 8,614 Gals.  Stage Into 3.5# 20/40 CRC Prop, 75.7 Bpm At 5,670 Psi..  On Perfs, 75.7 Bpm At 5,704 Psi., 12,827 Gals.  Stage Into 4.0# 20/40 CRC Prop, 75.7 Bpm At 5,765 Psi..  On Perfs, 75.5 Bpm At 5,905 Psi., 13,379 Gals.  Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..  Get ISDP, 4,766 Psi.. 0.88 Psi./Ft. F.G.. WSI And Secured.  Total 100 Mesh - 14,200#  Total 20/40 CRC Prop - 150,600#.  Total Clean - 151,791 Gals.. 3,614 Bbls..  Total Produced Water - 72,307 Gals..  Total 2% KCL - 77,447 Gals..  BWTR - 3,791 Bbls.  Max. Rate - 79.8 Bpm  Avg. Rate - 74.2 Bpm  Max. Psi. - 6,490 Psi.  Avg. Psi. - 5,971 Psi.</p>



## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
09:15	0.17	09:25	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
09:25	1.58	11:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 10,073 - 10,095'. Drop Down To Depth, Set CBP At 10,736'. 2,250 Psi.. Perforate Stage 3 CR-3/CR-2 Zone, 10,406 - 10,716'. 45 Holes. 1,900 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:00	0.08	11:05	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
11:05	1.17	12:15	FRAC	Frac. Job	Frac Stage 3. Fluid System: Hybor G 18. Open Well, 1,495 Psi. ICP. BrokeDown At 10.0 Bpm And 3,361 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 74.96Bpm And 5,693 Psi., Get ISIP, 3,254 Psi.. 0.75 Psi./Ft. F.G.. 34/45 Holes. Con't With SlickWater Pad, 48,300 Gals.. Stage Into .75# 100 Mesh Pad, 73.4 Bpm At 5,460 Psi.. On Perfs, 71.3 Bpm At 5,750 Psi., 18,961 Gals. Stage Into 1.0# 20/40 CRC Prop, 68.3 Bpm At 5,443 Psi.. On Perfs, 72.2 Bpm At 5,411 Psi., 11,378 Gals. Stage Into 2.0# 20/40 CRC Prop, 72.3 Bpm At 5,280 Psi.. On Perfs, 72.3 Bpm At 4,820 Psi., 11,652 Gals. Stage Into 3.0# 20/40 CRC Prop, 72.1 Bpm At 4,902 Psi.. On Perfs, 72.2 Bpm At 4,750 Psi., 9,808 Gals. Stage Into 3.5# 20/40 CRC Prop, 72.2 Bpm At 4,745 Psi.. On Perfs, 72.4 Bpm At 4,431 Psi., 12,231 Gals. Stage Into 4.0# 20/40 CRC Prop, 72.4 Bpm At 4,463 Psi.. On Perfs, 72.3 Bpm At 4,382 Psi., 12,720 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,808 Psi.. 0.70 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,200# Total 20/40 CRC Prop - 149,300#. Total Clean - 150,290 Gals.. 3,578 Bbls.. Total Produced Water - 71,663 Gals.. Total 2% KCL - 76,750 Gals.. BWTR - 3,764 Bbls. Max. Rate - 76.1 Bpm Avg. Rate - 72.9 Bpm Max. Psi. - 5,876 Psi. Avg. Psi. - 5,173 Psi.
12:15	0.17	12:25	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
12:25	1.33	13:45	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 10,073 - 10,095'. Drop Down To Depth, Set CBP At 10,400'. 300 Psi.. Perforate Stage 4 CR-2/Wasatch Zone, 10,089 - 10,382'. 45 Holes. 2,600 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
13:45	0.17	13:55	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.



## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
13:55	1.16	15:05	FRAC	Frac. Job	<p>Frac Stage 4. Fluid System: Hybor G 16.            Open Well, 2,533 Psi. ICP. BrokeDown At 9.7 Bpm And 3,762 Psi..            Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall.            Get Stabilized Injection Of 75.3 Bpm And 4,947 Psi., Get ISIP, 3,061 Psi.. 0.74 Psi./Ft.            F.G.. 40/45 Holes.            Con't With SlickWater Pad, 48,192 Gals..            Stage Into .75# 100 Mesh Pad, 72.3 Bpm At 4,751 Psi..            On Perfs, 70.3 Bpm At 4,961 Psi., 18,870 Gals.            Stage Into 1.0# 20/40 White Prop, 69.7 Bpm At 4,993 Psi..            On Perfs, 70.8 Bpm At 4,884 Psi., 10,970 Gals.            Stage Into 2.0# 20/40 White Prop, 70.8 Bpm At 4,884 Psi..            On Perfs, 70.9 Bpm At 4,504 Psi., 11,023 Gals.            Stage Into 3.0# 20/40 White Prop, 70.9 Bpm At 4,489 Psi..            On Perfs, 70.8 Bpm At 4,376 Psi., 10,810 Gals.            Stage Into 3.5# 20/40 White Prop, 70.8 Bpm At 4,370 Psi..            On Perfs, 70.9 Bpm At 4,258 Psi., 12,056 Gals.            Stage Into 4.0# 20/40 White Prop, 70.9 Bpm At 4,275 Psi..            On Perfs, 70.8 Bpm At 4,320 Psi., 12,723 Gals.            Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..            Get ISDP, 3,140 Psi.. 0.77 Psi./Ft. F.G.. WSI And Secured.            Total 100 Mesh - 14,100#            Total 20/40 White Prop - 150,200#.            Total Clean - 149,310 Gals.. 3,555 Bbls..            Total Produced Water - 70,859 Gals..            Total 2% KCL - 77,452 Gals..            BWTR - 3,736 Bbls.            Max. Rate - 72.9 Bpm            Avg. Rate - 71.3 Bpm            Max. Psi. - 5,042 Psi.            Avg. Psi. - 4,654 Psi.</p>
15:05	0.17	15:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
15:15	1.25	16:30	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf,            .36" Penetration Charges, 23 Gms., .44 Dia. Holes.            Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB            CBL/CCL Dated 07/27/2013.            Found And Correlated To Short Joint At 8,689 - 8,711'.            Drop Down To Depth, Set CBP At 10,08'. 2,900 Psi..            Perforate Stage 5 CR-1 Zone, 9,744 - 10,064'. 45 Holes. 2,600 Psi..            POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
16:30	0.17	16:40	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
16:40	1.16	17:50	FRAC	Frac. Job	<p>Frac Stage 5. Fluid System: Hybor G 16.            Open Well, 2,178 Psi. ICP. BrokeDown At 9.7 Bpm And 2,525 Psi..            Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall.            Get Stabilized Injection Of 73.0 Bpm And 4,540 Psi., Get ISIP, 2,024 Psi.. 0.64 Psi./Ft.            F.G.. 35/45 Holes.            Con't With SlickWater Pad, 51,476 Gals..            Stage Into .75# 100 Mesh Pad, 72.6 Bpm At 3,945 Psi..            On Perfs, 72.2 Bpm At 4,235 Psi., 19,963 Gals.            Stage Into 1.0# 20/40 White Prop, 72.2 Bpm At 4,228 Psi..            On Perfs, 72.1 Bpm At 4,145 Psi., 10,601 Gals.            Stage Into 2.0# 20/40 White Prop, 72.1 Bpm At 4,135 Psi..            On Perfs, 72.2 Bpm At 3,763 Psi., 10,702 Gals.            Stage Into 3.0# 20/40 White Prop, 72.2 Bpm At 3,751 Psi..            On Perfs, 72.0 Bpm At 4,376 Psi., 15,333 Gals.            Stage Into 3.5# 20/40 White Prop, 72.1 Bpm At 3,659 Psi..            On Perfs, 72.1 Bpm At 3,525 Psi., 11,686 Gals.            Stage Into 4.0# 20/40 White Prop, 72.1 Bpm At 3,525 Psi..            On Perfs, 72.1 Bpm At 3,424 Psi., 12,453 Gals.            Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..            Get ISDP, 2,568 Psi.. 0.70 Psi./Ft. F.G.. WSI And Secured.            Total 100 Mesh - 14,900#            Total 20/40 White Prop - 160,500#.            Total Clean - 156,377 Gals.. 3,723 Bbls..            Total Produced Water - 73,599 Gals..            Total 2% KCL - 80,738 Gals..            BWTR - 3,913 Bbls.            Max. Rate - 72.7 Bpm            Avg. Rate - 72.2 Bpm            Max. Psi. - 4,255 Psi.            Avg. Psi. - 3,903 Psi.</p>



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
17:50	0.17	18:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
18:00	1.25	19:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 8,689 - 8,711'. Drop Down To Depth, Set CBP At 9,735'. 1,800 Psi.. Perforate Stage 6 UteLand Butte/Castle Peak Zone, 9,531 - 9,718'. 39 Holes. 1,700 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
19:15	10.75	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**3-5D-35 BTR 9/12/2013 06:00 - 9/13/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.
06:00	0.92	06:55	FRAC	Frac. Job	Frac Stage 6. Fluid System: Hybor G 16. Open Well, 695 Psi. ICP. BrokeDown At 10.3 Bpm And 2,318 Psi.. Pump 3900 Gals. 15% HCL And 78 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.3 Bpm And 5,042 Psi., Get ISIP, 2,363 Psi.. 0.68 Psi./Ft. F.G.. 35/39 Holes. Con't With SlickWater Pad, 45,242 Gals.. Stage Into .75# 100 Mesh Pad, 72.2 Bpm At 4,200 Psi.. On Perfs, 71.8 Bpm At 4,435 Psi., 17,746 Gals. Stage Into 1.0# 20/40 White Prop, 71.8 Bpm At 4,560 Psi.. On Perfs, 71.7 Bpm At 4,354 Psi., 10,388 Gals. Stage Into 2.0# 20/40 White Prop, 71.7 Bpm At 4,342 Psi.. On Perfs, 71.8 Bpm At 3,935 Psi., 10,503 Gals. Stage Into 3.0# 20/40 White Prop, 71.8 Bpm At 3,920 Psi.. On Perfs, 71.7 Bpm At 3,774 Psi., 9,614 Gals. Stage Into 3.5# 20/40 White Prop, 71.8 Bpm At 3,773 Psi.. On Perfs, 72.3 Bpm At 3,590 Psi., 11,443 Gals. Stage Into 4.0# 20/40 White Prop, 72.2 Bpm At 3,648 Psi.. On Perfs, 72.8 Bpm At 3,627 Psi., 12,200 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,737 Psi.. 0.72 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 13,200# Total 20/40 White Prop - 140,700# Total Clean - 141,071 Gals.. 3,359 Bbls.. Total Produced Water - 68,033 Gals.. Total 2% KCL - 71,894 Gals.. BWTR - 3,519 Bbls. Max. Rate - 72.8 Bpm Avg. Rate - 72.1 Bpm Max. Psi. - 4,590 Psi. Avg. Psi. - 4,105 Psi.
06:55	0.17	07:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
07:05	1.17	08:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 8,689 - 8,711'. Drop Down To Depth, Set CBP At 9,520'. 2,250 Psi.. Perforate Stage 7 Castle Peak/Black Shale Zone, 9,277 - 9,509'. 45 Holes. 2,100 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
08:15	0.25	08:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	1.17	09:40	FRAC	Frac. Job	<p>Frac Stage 7. Fluid System: Hybor G 16.            Open Well, 1,910 Psi. ICP. BrokeDown At 10.4 Bpm And 2,240 Psi..            Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall.            Get Stabilized Injection Of 71.1 Bpm And 4,911 Psi., Get ISIP, 2,053 Psi.. 0.67 Psi./Ft.            F.G.. 35/45 Holes.            Con't With SlickWater Pad, 48,352 Gals..            Stage Into .75# 100 Mesh Pad, 74.6 Bpm At 4,135 Psi..            On Perfs, 72.0 Bpm At 4,305 Psi., 18,659 Gals.            Stage Into 1.0# 20/40 White Prop, 72.9 Bpm At 4,370 Psi..            On Perfs, 73.0 Bpm At 4,180 Psi., 10,153 Gals.            Stage Into 2.0# 20/40 White Prop, 73.1 Bpm At 4,147 Psi..            On Perfs, 73.1 Bpm At 3,735 Psi., 10,219 Gals.            Stage Into 3.0# 20/40 White Prop, 73.2 Bpm At 3,708 Psi..            On Perfs, 73.1 Bpm At 3,645 Psi., 13,781 Gals.            Stage Into 3.5# 20/40 White Prop, 73.0 Bpm At 3,656 Psi..            On Perfs, 73.0 Bpm At 3,421 Psi., 11,269 Gals.            Stage Into 4.0# 20/40 White Prop, 73.1 Bpm At 3,419 Psi..            On Perfs, 73.8 Bpm At 3,511 Psi., 7,578 Gals.            Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..            Get ISDP, 2,382 Psi.. 0.69 Psi./Ft. F.G.. WSI And Secured.            Total 100 Mesh - 14,000#            Total 20/40 White Prop - 149,180#.            Total Clean - 143,159 Gals.. 3,409 Bbls..            Total Produced Water - 69,435 Gals..            Total 2% KCL - 73,659 Gals..            BWTR - 3,561 Bbls.            Max. Rate - 75.4 Bpm            Avg. Rate - 72.7 Bpm            Max. Psi. - 4,380 Psi.            Avg. Psi. - 3,920 Psi.</p>
09:40	0.33	10:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.
10:00	1.00	11:00	PFRT	Perforating	<p>RIH With 3 1/8" Sinker Bar, CCL, And CBP Plug Assembly.            Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013.            Found And Correlated To Short Joint At 8,689 - 8,711'.            Drop Down To Depth, Set CBP At 9,220'. 2,000 Psi..            Bleed Pressure Off Well.            POOH. LayDown Tools, WSI And Secured.</p>
11:00	3.00	14:00	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**3-5D-35 BTR 9/13/2013 06:00 - 9/14/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	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	1.00	08:00	SRIG	Rig Up/Down	SPOT IN AND RUSU.
08:00	2.00	10:00	BOPI	Install BOP's	CHECK PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR. SPOT HYD WALK AND RACKS.
10:00	2.00	12:00	GOP	General Operations	UNLOAD 351-JTS 2-7/8" L-80 TBG.
12:00	4.00	16:00	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT 2-7/8", 2.31 XN. RIH AS MEAS AND PU TBG TO TAG KILL PLUG AT 9220' W/ 279-JTS IN.
16:00	1.50	17:30	GOP	General Operations	RU DRLG EQUIP. FILL AND TEST TO 3000 PSI. GOOD. SECURE WELL FOR NIGHT.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

**3-5D-35 BTR 9/14/2013 06:00 - 9/15/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00		06:00	CTRL	Crew Travel	CREW TRAVEL. HSM.



## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	DOPG	Drill Out Plugs	EST CIRC. D/O PLUGS  CBP #1 AT 9220'. C/O 0' SAND. D/O IN 5 MIN. FCP 50#. 48/64". RIH. CBP #2 AT 9520'. C/O 19' SAND. D/O IN 6 MIN. FCP 100#. 48/64" RIH. CBP #3 AT 9735'. C/O 39' SAND. D/O IN 3 MIN. FCP 250#. 48/64" RIH. CBP #4 AT 10,080'. C/O 69' SAND. D/O IN 4 MIN. FCP 450#. 32/64". RIH. CBP #5 AT 10,400'. C/O 65' SAND. D/O IN 5 MIN. FCP 500#. 32/64". RIH. CBP #6 AT 10,736'. C/O 165' SAND. D/O IN 6 MIN. FCP 600#. 32/64". RIH. CBP #7 AT 11,079'. C/O 205' SAND. D/O IN 7 MIN. FCP 550#. 32/64". RIH. C/O 182' FILL TO FC AT 11,489'. D/O FC. RUN DOWN TO 11,543' (NO CMT BELOW FLOAT COLLAR) W/ 347-JTS IN.  CIRC CLEAN.
13:00	1.50	14:30	PULT	Pull Tubing	RD PWR SWIVEL. POOH AS LD 70- JTS. PU 7" 5K HANGER AND LUBE IN. LAND 277-JTS W/ EOT AT 9186.15'. (147' RATHOLE)  TBG DETAIL KB 18.00 HANGER .80 276-JTS 2-7/8" L-80 9150.34 2.31 XN 1.30 1-JT 2-7/8" L-80 33.70 POBS .81 EOT 9186.15
14:30	1.00	15:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. POBS AT 1400 PSI.
15:30	0.50	16:00	SRIG	Rig Up/Down	RDSU.
16:00	1.00	17:00	WLWK	Wireline	RU DELSCO SLK LINE. RIH TO TAG AT 11,532'. RD DELSCO. TURN OVER TO PRODUCTION AND SALES.
17:00	2.00	19:00	RMOV	Rig Move	ROAD RIG TOWARDS 29-13D
19:00	11.00	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL ON PRODUCTION.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
20G0005608

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: **VENESSA LANGMACHER**  
E-Mail: **vlangmacher@billbarrettcorp.com**

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NENW 813FNL 1703FWL**  
At top prod interval reported below **NENW 833FNL 1990FWL**  
At total depth **NENW 880FNL 1968FWL**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No. **3-5D-35 BTR**

9. API Well No. **43-013-51638**

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

11. Sec., T., R., M., or Block and Survey or Area **Sec 5 T3S R5W Mer UBM**

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

14. Date Spudded **06/12/2013** 15. Date T.D. Reached **07/20/2013** 16. Date Completed  D & A  Ready to Prod. **09/11/2013**

17. Elevations (DF, KB, RT, GL)\* **6234 GL**

18. Total Depth: MD **11588** TVD **11554** 19. Plug Back T.D.: MD **11490** TVD **11456** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	65.0	0	80	80				
12.250	9.625 J-55	36.0	0	4029	4028	940	451	0	
8.750	5.500 P-110	17.0	0	11588	11578	1995	609	4534	

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	9186							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	9277	10064	9277 TO 10064	0.360	90	OPEN
B) WASATCH	10089	11395	10089 TO 11395	0.360	183	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
9277 TO 10064	SEE ATTACHED STAGES 5-7
10089 TO 11395	SEE ATTACHED STAGES 1-4

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/15/2013	09/19/2013	24	→	842.0	836.0	129.0	52.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	SI 550	1900.0	→	842	836	129	993	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 #222711 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 MAHOGANY DOUGLAS CREEK BLACK SHALE CASTLE PEAK UTELAND BUTTE WASATCH	5517 6464 8557 9155 9317 9701 10089

32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. First gas and oil sales were on 09/15/13. Conductor cemented with grout. Attached is treatment data and end of well report. CBL will be mailed due to file size.

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 #222711 Verified by the BLM Well Information System.  
For BILL BARRETT CORPORATION, sent to the Vernal**

Name (please print) VENESSA LANGMACHER Title SENIOR PERMIT ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 10/11/2013

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

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

RECEIVED: Oct. 14, 2013

**3-5D-35 BTR Report Continued\***

<b>44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)</b>					
<b>AMOUNT AND TYPE OF MATERIAL</b>					
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 Premium White</u>	<u>lbs 20/40 CRC</u>	<u>gal 15% HCl Acid</u>
1	3646	14,200		150,700	4,025
2	3602	14,200		150,600	4,145
3	3576	14,200		149,320	3,865
4	3553	14,100	150,200		3,973
5	3715	14,900	160,500		4,091
6	3208	13,200	140,700		4,138
7	3408	14,000	149,180		4,114

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

**3-5D-35 BTR 6/27/2013 06:00 - 6/28/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.50	18:30	1	RIGUP & TEARDOWN	RIG DOWN FLOOR PREP TOP DRIVE - LOWER OUT TOP DIRVE - PREP DERRICK LOWER DERRICK - R/D & MOVE BACK YARD - PREP DERRICK AND SET ON TRUCKS, PULL DRAWWORKS - SET MATTING BOARDS & SKID RAILS ON NEW LOCATION - RIG IS 100% RIGGED DOWN, 80% MOVED & 5% RIGGED UP
18:30	11.50	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT AND RIG MOVE TRUCKS DUE TO HOURS

**3-5D-35 BTR 6/28/2013 06:00 - 6/29/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.50	18:30	1	RIGUP & TEARDOWN	SET BACK YARD - SET SUBS, DRAWWORKS, DOGHOUSE, SET A-LEGS - PREP DERRICK & PIN TO FLOOR, INSTALL DERRICK BOARD, AND PREP TO RAISE DERRICK, RAISE DERRICK, INSTALL TOP DRIVE, R/U ELECTRICAL, SET V-DOOR & CATWALK - TRUCKS RELEASED @ 18:30
18:30	11.50	06:00	1	RIGUP & TEARDOWN	WAIT ON CREWS & DAYLIGHT

**3-5D-35 BTR 6/29/2013 06:00 - 6/30/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	R/U TOP DRIVE, TONGS, SPIINERS, STAND PIPE, KELLY HOSE, RUN ELECTRICAL & PASON LINES, FILL MUD TANKS, & PRE-MIX TANK, TEST PUMPS, POUND GROUND RODS, TEST TOP DRIVE, BUILD BURM AROUND DIESEL TANK - RIG BACK ON DAY WORK @ 1800 HRS 6/29/13
18:00	4.00	22:00	1	RIGUP & TEARDOWN	R/U CONDUCTOR - STRAP BHA
22:00	1.50	23:30	20	DIRECTIONAL WORK	P/U DIR TOOLS
23:30	6.00	05:30	2	DRILL ACTUAL	W/525 GPM, 45 RPM, 18K WT ON BIT, 200-400 DIFF PRESS, 4K TQ

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
05:30	0.50	06:00	21	OPEN	INSTALL ROT HEAD

**3-5D-35 BTR 6/30/2013 06:00 - 7/1/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	W/650 GPM, 55 RPM, 18K WT ON BIT, 280-400 DIFF PRESS
12:00	0.50	12:30	5	COND MUD & CIRC	LOST RETURNS - PUMP 35% LCM SWEEPS - ESTABLISH RETURNS
12:30	0.50	13:00	2	DRILL ACTUAL	W/600 GPM, 55 RPM, 20K WT ON BIT, 200-350 DIFF PRESS, 6K TQ
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	2.50	16:00	2	DRILL ACTUAL	W/675 GPM, 55 RPM, 22K WT ON BIT, 250-400 DIFF PRESS, 8K TQ
16:00	1.50	17:30	5	COND MUD & CIRC	LOST RETURNS - BYPASS SHAKERS - PUMP 35% LCM SWEEPS, BUILD VOLUME, BRING LCM CONTENT TO 25%
17:30	12.50	06:00	2	DRILL ACTUAL	W/600 GPM, 55 RPM, 24K WT ON BIT, 150-300 DIFF PRESS, 7K TQ

**3-5D-35 BTR 7/1/2013 06:00 - 7/2/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	W/600 GPM, 55 RPM, 26K WT ON BIT, 200-350 DIFF PRESS, 7K TQ
09:00	3.00	12:00	5	COND MUD & CIRC	LOST RETURNS @ 2751' PUMP 45% LCM SWEEPS & BUILD VOLUME
12:00	0.50	12:30	6	TRIPS	PUMP 80 BBL 55% LCM PILL - T.O.O.H. F/2751' T/2350'
12:30	2.50	15:00	5	COND MUD & CIRC	LET PILL SOAK - BUILD VOLUME & RAISE LCM CONTENT IN MUD TANKS TO 35%
15:00	2.00	17:00	5	COND MUD & CIRC	ATTEMPT TO BREAK CIRC - PUMP 55% LCM SWEEPS - UNABLE TO ESTABLISH RETURNS
17:00	0.50	17:30	6	TRIPS	T.O.O.H. F/2350' T/1650'
17:30	3.00	20:30	5	COND MUD & CIRC	LET PILL SOAK - BUILD VOLUME IN MUD TANKS - BREAK CIRC - ESTABLISHED FULL RETURNS
20:30	1.50	22:00	6	TRIPS	T.I.H. BREAK CIRC EVRY 300'
22:00	6.50	04:30	2	DRILL ACTUAL	W/591 GPM, 55 RPM, 26K WT ON BIT, 150-350 DIFF PRESS
04:30	1.50	06:00	5	COND MUD & CIRC	LOST RETURNS @ 3099' - PUMP SWEEPS - PUMP 120 BBL 55% LCM PILL

**3-5D-35 BTR 7/2/2013 06:00 - 7/3/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	5	COND MUD & CIRC	BUILD VOLUME - RAISE LCM CONTENT TO 40%
08:00	3.00	11:00	2	DRILL ACTUAL	W/460 GPM, 50 RPM, 28 K WT ON BIT, 200-350 DIFF PRESS - 8K TQ
11:00	2.50	13:30	5	COND MUD & CIRC	LOST RETURNS @ 3137 - BUILD VOLUME PUMP POLY SWELL SWEEP - ESTABLISH RETURNS
13:30	3.00	16:30	2	DRILL ACTUAL	W/460 GPM, 50 RPM, 28K WT ON BIT, 180-300 DIFF PRESS - 8K TQ
16:30	1.00	17:30	5	COND MUD & CIRC	LOST RETURNS @ 3229' - BUILD VOLUME - SPOT 100 BBL POLLY SWELL SWEEP
17:30	3.50	21:00	6	TRIPS	T.O.O.H. F/3229' T/0' - L/D REAMERS
21:00	1.00	22:00	20	DIRECTIONAL WORK	BREAK BIT - L/D MUD MOTOR - P/U NEW MOTOR - M/U BIT & OREINT MWD TOOL
22:00	3.00	01:00	6	TRIPS	T.I.H. F/0 T/3229' ATTEMPT TO BREAK CIRC @ 1500' & 2500' - ESTABLISH RETURNS
01:00	1.50	02:30	2	DRILL ACTUAL	W/450 GPM, 50 RPM, 20-26K WT ON BIT, 200-500 DIFF PRESS, 8K TQ
02:30	0.50	03:00	5	COND MUD & CIRC	LOST RETURNS @ 3245' - BUILD VOLUME
03:00	2.50	05:30	2	DRILL ACTUAL	W/450 GPM, 60 RPM, 22K WT ON BIT, 200-500 DIFF PRESS, 9K TQ - DRILLING WITH NO RETURNS
05:30	0.50	06:00	5	COND MUD & CIRC	BUILD VOLUME

**3-5D-35 BTR 7/3/2013 06:00 - 7/4/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,390'-3,619'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 68/ ROP 32.71/DRILLING BLIND
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	6.00	19:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,619'-3,870'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 68/ ROP 41.83/DRILLING BLIND UNTIL 3,685' ESTABLISHED RETURNS BUILDING LCM TO 40% & VIS TO 42-45
19:30	0.50	20:00	5	COND MUD & CIRC	BRING LCM UP TO 35%/GO THROUGH PUMPS
20:00	4.50	00:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,870'-4,029'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 68/ ROP 35.33/WELL STARTING TO SEEP WITH 40% LCM IN 25% LCM OUT
00:30	0.50	01:00	5	COND MUD & CIRC	CIRC SWEEP TO SURFACE
01:00	2.00	03:00	6	TRIPS	WIPER TRIP 12-STDS OUT/TIGHT HOLE @ 3,258'-3,193'/TIGHT HOLE 3,140'-3,270'/LOST 200 BBLS ON WIPER TRIP
03:00	3.00	06:00	5	COND MUD & CIRC	STAGE HIS VIS LCM SWEEPS/BUILD VOL & LCM TO 50% IN ACTIVE

**3-5D-35 BTR 7/4/2013 06:00 - 7/5/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	6	TRIPS	TOOH W/ BIT #2
10:00	1.00	11:00	20	DIRECTIONAL WORK	LD 8" DIR TOOLS
11:00	10.00	21:00	12	RUN CASING & CEMENT	HELD SAFETY MEETING/RU CASING CREW/RUN 98 JTS 4,031.98' 9-5/8 J-55 36# 8RD LTC Rng3 SURFACE CSG, SHOE @ 4,028'/BRK CIRC, 625, 1,450, 2,264, 3,082, & 4,028'/SHOE @ 4,028'/RD CASING CREW
21:00	3.50	00:30	12	RUN CASING & CEMENT	RU HALLIBURTON/TEST LINES @ 5,000 PSI PUMP 20 BBL H2O SPACER/40BBLS SUPER FLUSH/ 20 BBL H2O SPACER/ 700 SKS 393.6 BBLS 2,209.99 CU/FT 11.00PPG 3.16 YEILD 19.48 GAL/SK/245 SKS 58BBLS 325.65 CU/FT 14.8PPG 1.33 YEILD 6.40 GAL/SK DISPLACE 308.39 BBLS H2O DISPLACEMENT/FINAL LIFT 389 PSI, BUMP PLUG @ 628 PSI HELD 3-MIN.FLOATS HELD. LOST RETURNS 26 BBLS IN DISPLACEMENT.
00:30	2.50	03:00	13	WAIT ON CEMENT	WOC/TIH W/1"
03:00	1.00	04:00	12	RUN CASING & CEMENT	1ST TOP JOB/PUMP 216SKS 45 BBLS 252.67CU/FT 15.8PPG 1.17YD 5.02 GAL/SK NO RETURNS
04:00	2.00	06:00	13	WAIT ON CEMENT	WOC/TIH W/ 1"

**3-5D-35 BTR 7/5/2013 06:00 - 7/6/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	WOC CLEAN MUD PITS
07:00	0.50	07:30	12	RUN CASING & CEMENT	PUMP 202SKS 15.8PPG 1.17 YD 5.02 GAL/SK 3% CACL
07:30	2.50	10:00	13	WAIT ON CEMENT	WOC/CLEAN MUD PITS
10:00	0.50	10:30	12	RUN CASING & CEMENT	3RD TOP JOB/PUMP 135SKS 28 BBLS 15.8 PPG 1.17YD 5.02 GAL/SK 7BBLS CMT TO SURFACE
10:30	3.00	13:30	13	WAIT ON CEMENT	WOC/RD HALLIBURTON/LD MOUSE HOLE/CUT CONDUCTOR/PREP CELLAR FOR WELL HEAD
13:30	2.50	16:00	21	OPEN	CUT SURFACE CASING/LD CONDUTOR PIPE/INSTALL WELL HEAD
16:00	2.50	18:30	14	NIPPLE UP B.O.P	NU BOPE
18:30	4.00	22:30	15	TEST B.O.P	TIW, LOWER KELLY, INSIDE BOP, KILL INSIDE CHECK, INNER & OUTER CHOKE MANIFOLD VALVES, PIPE RAMS, BLIND RAMS, HCR VALVE, INSIDE KILL ALL TESTED 5000 PSI 10-MIN/ MANUAL CHOKE & POWER CHOKE @ 500 PSI 5-MIN/ CASING@ 1500 PSI 30-MIN/ ANN: 2500 PSI 10 MIN/ ELITE BOP TESTING/ BILL KARP TESTER
22:30	0.50	23:00	21	OPEN	INSTALL WEAR BUSHING
23:00	1.50	00:30	20	DIRECTIONAL WORK	PU DIR.TOOLS/SCRIBE & ORIENTATE
00:30	2.50	03:00	6	TRIPS	TIH W/BIT #3/BREAK CIRC @ 870'/TAG CMT @ 3987'
03:00	0.50	03:30	3	REAMING	DRILL CMT & FLOAT EQUIPMENT F.C @ 3,988'/ FS @ 4,028'
03:30	0.50	04:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,029'-4,049'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 112/ ROP 40
04:00	0.50	04:30	5	COND MUD & CIRC	CIRC BTMS UP PUMP SWEEP/EMW TEST TO 10.5PPG 360PSI LOST 2-PSI GOOD TEST

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
04:30	1.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,049'-4,152'/ WOB 18K-24K/PUMP #1 80/ PUMP #2 80/ ROT RPM 45/ BIT RPM 149/ ROP 103

**3-5D-35 BTR 7/6/2013 06:00 - 7/7/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,152'-4,814'/ WOB 18K-24K/PUMP #1 80/ PUMP #2 80/ ROT RPM 45/ BIT RPM 149/ ROP 82.75
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SERVICE
14:30	15.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4,814'-5,565'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 48.45

**3-5D-35 BTR 7/7/2013 06:00 - 7/8/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL/ 5,565'-6,050'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 51.05
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6,050'-6,550'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 35.71

**3-5D-35 BTR 7/8/2013 06:00 - 7/9/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	DRILL ACTUAL/ 6,550'-6,904'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 47.2
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	16.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6,904'-7,503'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 37.43

**3-5D-35 BTR 7/9/2013 06:00 - 7/10/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	DRILL ACTUAL/ 7,503'-7,852'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 46.53
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	3.50	17:30	2	DRILL ACTUAL	DRILL ACTUAL/ 7,852'-8,013'/ WOB 18K-24K/PUMP #1 75/ PUMP #2 75/ ROT RPM 45/ BIT RPM 140/ ROP 46.0
17:30	0.50	18:00	7	LUBRICATE RIG	TOOH W/ BIT #3
18:00	1.50	19:30	20	DIRECTIONAL WORK	LD REAMERS, & BIT/CHANGE BATTERIES IN EM TOOL, SCRIBE, ORIENTATE, MU BIT
19:30	1.00	20:30	6	TRIPS	TIH W/ BIT #3
20:30	1.00	21:30	9	CUT OFF DRILL LINE	CUT & SLIP 23 WRAPS DRLG LINE
21:30	3.00	00:30	6	TRIPS	TIH W/ BIT #4/ BRK CIRC @ SHOE, 6,000', & 7,900'
00:30	1.50	02:00	2	DRILL ACTUAL	DRILL ACTUAL/ 8,013'-8,061'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 112/ ROP 32

**3-5D-35 BTR 7/10/2013 06:00 - 7/11/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	DRILL ACTUAL/ 8,061'-8,409'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 112/ ROP 40.9
14:30	0.50	15:00	7	LUBRICATE RIG	RIG SERVICE

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	3.00	18:00	2	DRILL ACTUAL	DRILL ACTUAL/ 8,409'-8,625'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 112/ ROP 72.0
18:00	1.50	19:30	5	COND MUD & CIRC	CIRC BTMS UP & BUILD SLUG TO TOO H FOR MUD MTR FAILURE
19:30	3.50	23:00	6	TRIPS	TOOH W/ BIT #4 F/MUD MTR FAILURE
23:00	1.00	00:00	20	DIRECTIONAL WORK	CHANGE OUT MUD MTR/TURN MTR UP TO 1.83/SCRIBE & ORIENTATE
00:00	5.00	05:00	6	TRIPS	TIH W/ BIT #5
05:00	1.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 8,625'-8,648'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 23

**3-5D-35 BTR 7/11/2013 06:00 - 7/12/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	DRILL ACTUAL/ 8,648'-9,032'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 59.07
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE/TROUBLESHOOT TOP DRIVE
13:00	1.50	14:30	2	DRILL ACTUAL	DRILL ACTUAL/ 9,032'-9,074'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 28.0
14:30	2.50	17:00	8	REPAIR RIG	CHANGE OUT ENCODER ON TOP DRIVE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,074'-9,471'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 30.53

**3-5D-35 BTR 7/12/2013 06:00 - 7/13/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,471'-9,643'/ WOB 18K-24K/PUMP #1 60/ PUMP #2 60/ ROT RPM 45/ BIT RPM 70/ ROP 24.57
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	1.50	15:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,643'-9,677'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 22.66
15:00	1.50	16:30	5	COND MUD & CIRC	HOLE SEEPING LOST 200 BBLS/BUILD VOL & LCM CONTENT UP TO 30%
16:30	13.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9,677'-9,975'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 22.07

**3-5D-35 BTR 7/13/2013 06:00 - 7/14/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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/ 9,975'-10,013'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 19.0
08:00	3.00	11:00	6	TRIPS	TOOH W/ BIT #5
11:00	2.00	13:00	21	OPEN	RE-LOCATE FLARE BOX
13:00	2.00	15:00	6	TRIPS	TOOH W/ BIT #5
15:00	1.00	16:00	20	DIRECTIONAL WORK	XO MUD MTR & BIT/SCRIBE & ORIENTATE
16:00	1.50	17:30	6	TRIPS	TIH W/ BIT #6
17:30	0.50	18:00	9	CUT OFF DRILL LINE	CUT & SLIP 16 WRAPS/88'
18:00	0.50	18:30	7	LUBRICATE RIG	CHANGE OUT GRABBER DIES
18:30	3.50	22:00	6	TRIPS	TIH W/ BIT #6/ BRK CIRC @ 4,060'
22:00	8.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,013'-10,149'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 70/ ROP 17.0

**3-5D-35 BTR 7/14/2013 06:00 - 7/15/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL/ 10,149'-10,298'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 15.68
15:30	1.50	17:00	5	COND MUD & CIRC	CIRC BTMS UP/MIX & PUMP SLUG

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
17:00	4.50	21:30	6	TRIPS	TOOH W/ BIT #6
21:30	1.00	22:30	20	DIRECTIONAL WORK	LD BIT & MUD MTR/MU BIT & MUD MTR/SCRIBE & ORIENTATE
22:30	6.00	04:30	6	TRIPS	TIH W/ BIT #7/BRK CIRC @ 1,000', 4,060', 6,000', & 8,000'
04:30	0.50	05:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,298'-10,303'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 10.0
05:00	1.00	06:00	5	COND MUD & CIRC	LOST RETURNS PUMPING 60% LCM SWEPPS BRINGING ACTIVE UP TO 40% LCM

**3-5D-35 BTR 7/15/2013 06:00 - 7/16/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	5	COND MUD & CIRC	PUMP 60% LCM SWEPPS/BUILD VOL/STAGE SWEPPS/EST RETURNS
12:30	17.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,303'-10,524'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 12.62

**3-5D-35 BTR 7/16/2013 06:00 - 7/17/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,524'-10,590'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 11.0
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	17.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,590'-10,820'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 13.52

**3-5D-35 BTR 7/17/2013 06:00 - 7/18/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL/ 10,820'-10,944'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 17.71
13:00	1.00	14:00	5	COND MUD & CIRC	CIRC BTMS UP
14:00	6.50	20:30	6	TRIPS	TOOH W/ BIT #7
20:30	2.50	23:00	20	DIRECTIONAL WORK	LD BIT & MUD MTR/CHANGE BATTIRIES IN EM TOOL/SCRIBE & ORIENTATE
23:00	3.00	02:00	6	TRIPS	TIH W/ BIT #8/BRK CIRC
02:00	1.50	03:30	9	CUT OFF DRILL LINE	CUT & SLIP DRLG LINE
03:30	2.50	06:00	6	TRIPS	TIH W/ BIT #8/BRK CIRC. @ 6,000', 8M000, 10,000, 10,873 WAS TO BTM

**3-5D-35 BTR 7/18/2013 06:00 - 7/19/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	TIH W/ BIT #8
08:30	9.00	17:30	2	DRILL ACTUAL	DRILL ACTUAL/ 10,944'-11,063'/ WOB 18K-24K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 64/ ROP 13.22
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 11,063'-11,233'/ WOB 18K-24K/PUMP #1 100/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 14.16

**3-5D-35 BTR 7/19/2013 06:00 - 7/20/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	DRILL ACTUAL/ 11,233'-11,253'/ WOB 18K-24K/PUMP #1 100/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 10.0
08:00	0.50	08:30	7	LUBRICATE RIG	RIG SERVICE



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
08:30	21.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 11,253'-11,572'/ WOB 18K-24K/PUMP #1 110/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 14.83	

**3-5D-35 BTR 7/20/2013 06:00 - 7/21/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.50	08:30	2	DRILL ACTUAL	DRILL ACTUAL/ 11,572'-11,588'/ WOB 18K-24K/PUMP #1 110/ PUMP #2 0/ ROT RPM 45/ BIT RPM 64/ ROP 6.4	
08:30	4.50	13:00	6	TRIPS	WIPER TRIP TO 8,885'/WASH & REAM TIGHT HOLE 9,260'=9,070'	
13:00	2.00	15:00	5	COND MUD & CIRC	PUMP SWEEP TO SURFACE/COND HOLE	
15:00	7.50	22:30	6	TRIPS	TOOH W/ BIT #8 F/ OH LOGS	
22:30	0.50	23:00	20	DIRECTIONAL WORK	LD BIT & MUD MTR/LD ALL 6" DIR. TOOLS	
23:00	7.00	06:00	11	WIRELINE LOGS	RU LOGGERS/HELD SAFETY MEETING/ LOGGERS DEPTH 11,581'/DRILLERS DEPTH 11,588'/RD LOGGERS	

**3-5D-35 BTR 7/21/2013 06:00 - 7/22/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	TIH W/BIT #9 CLEAN UP BIT/CRK CIRC @ 4,000'	
09:00	0.50	09:30	9	CUT OFF DRILL LINE	SLI & CUT 11 WRAPS	
09:30	4.00	13:30	6	TRIPS	TIH W/ BIT #9 CLEAN UP BIT/BRK CIRC @ 6,000', 8,000', 10,000', 11,472' WAS TO BTM	
13:30	2.00	15:30	5	COND MUD & CIRC	CIRC GAS OUT OF WELL BORE/ MIX SLUG/CHANGE OUT BAILS/RU LD MACHINE	
15:30	9.50	01:00	6	TRIPS	TOOH W/ BIT #9/PUMP OUT 10-STDS/ LD DRILL STRING	
01:00	0.50	01:30	21	OPEN	PULL WEAR BUSHING	
01:30	3.00	04:30	12	RUN CASING & CEMENT	RU CASING CREW/HELD SAFETY MEETING/RUN 25 JTS + 1-M.JT 5-1/2" 17# P-110 LT&C PROD CSG./BRK CIRC @ 1,133' STRING PACKED OFF/ATTEMPT TO BRK CIRC/ PACKED OFF/ATTEMPT TO FREE PACKED OFF STRING WITH PUMP WITH NO SUCCESS.	
04:30	1.50	06:00	12	RUN CASING & CEMENT	RU LAY DOWN MACHINE TO LAY DOWN CASING/HELD SAFETY MEETING/LAY DOWN CASING	

**3-5D-35 BTR 7/22/2013 06:00 - 7/23/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.50	08:30	12	RUN CASING & CEMENT	LD 25 JTS OF 5-/12" 17# P-110 LT&C PROD CSG	
08:30	1.50	10:00	12	RUN CASING & CEMENT	RU LD MACHINE TO RUN CASING	
10:00	14.50	00:30	12	RUN CASING & CEMENT	RUN 266 JTS 11,580.28' 5-1/5 P-110 17# 8RD LTC Rng3 PRODUCTION CSG, SHOE @ 11,578'/BRK CIRC, 625,1,000' THEN EVERY 1,000'/RD CASING CREW	
00:30	5.50	06:00	12	RUN CASING & CEMENT	RU HALLIBURTON/HELD SAFETY MEETING	

**3-5D-35 BTR 7/23/2013 06:00 - 7/24/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	12	RUN CASING & CEMENT	TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBLS TUNED SPACER/1,385 SKS 451 BBLS 2,532.29 CU/FT 12.00PPG 1.83 YEILD 8.39 GAL/SK/610 SKS 158BBLS 887.14 CU/FT 13.5PPG 1.45 YEILD 6.85 GAL/SK DISPLACE 266.6 BBLS H2O CLAYWEB & ALGOCIDE/FINAL LIFT 3,727 PSI, BUMP PLUG @ 4,208 PSI HELD 3-MIN.FLOATS HELD. LOST FLOW WHEN STARTED DISPALCMENT 266.6 BBLS/NEVER REGAINED CIRCUCUATION /RD HALLIBURTON	
07:00	0.50	07:30	21	OPEN	CLEAN STACK	
07:30	2.50	10:00	13	WAIT ON CEMENT	WOC/ND BOP/PU 245K 35K OVER ST. WT. SET SLIPS @ 240K 30K OVER ST. WT.	



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
10:00	8.50	18:30	21	OPEN	CLEAN PITS, INSTALL NIGHT CAP, RD TOP DRIVE & TRAK, LAY DERRICK OVER/RELEASE RIG @ 18:00 7/23/13

**3-5D-35 BTR 7/26/2013 06:00 - 7/27/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.
07:00	4.00	11:00	IWHD	Install Wellhead	Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides. N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16" x 5k Gate Valves. Tested Hanger Seals To 7100 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.
11:00	20.00	07:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.

**3-5D-35 BTR 7/27/2013 06:00 - 7/28/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI Shut In And Secured.
08:00	1.00	09:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.
09:00	6.00	15:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 11,447', Drilling Report Shows FC At 11,489', 42' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 11,447', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 07-20-2013. Run Repeat Section From 11,440 - 11,200', Log Up Hole. Showed Good Bond From TD To 7,500, 7,500 - 5,450' Free Pipe/Ratty, 5,450 - 4,450 Ratty. TOC 4,450'. Found Short Joints At 10,960 - 10,980, 10,073 - 10,095 And 8,689 - 8,711'. Ran With Pressure. Pooh, RD Equipment, MOL.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

**3-5D-35 BTR 9/2/2013 06:00 - 9/3/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	SET FB TANK. SETTING FRAC LINE.

**3-5D-35 BTR 9/3/2013 06:00 - 9/4/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	SET AND PLUMB IN FB EQUIP. NU FRAC MANDREL, FRAC VALVES, AND FRAC HEAD. PRES TEST ALL.

**3-5D-35 BTR 9/9/2013 06:00 - 9/10/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Heat KCL Tanks. HES Set Mover And Manifold. Prep For Frac.

**3-5D-35 BTR 9/10/2013 06:00 - 9/11/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51638	UT	Duchesne	Black Tail Ridge	PRODUCING	11,588.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI And Secured. 0 Psi. On Well.
08:00	2.00	10:00	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment, Arm Gun, Rig Up To Well.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
10:00	1.25	11:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 10,960 - 10,980'. Drop Down To Depth, Perforate Stage 1 CR-5/CR-4A/CR-4 Zone, 11,092 - 11,395'. 48 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.	
11:15	3.75	15:00	SRIG	Rig Up/Down	HES On Location At 12:00 Hrs. Rig Up Equipment	
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.	

**3-5D-35 BTR 9/11/2013 06:00 - 9/12/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.	
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.	
06:00	0.25	06:15	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 21.            Open Well, 0 Psi. ICP. BrokeDown At 9.5 Bpm And 5,132 Psi..            Pump 3900 Gals. 15% HCL And 96 Bio Balls, Attempt BallOut. Let Balls Fall.            Get Stabilized Injection Of 70.7 Bpm And 6,752 Psi., Get ISIP, 4,078 Psi.. 0.80 Psi./Ft. F.G.. 39/48 Holes.            Con't With SlickWater Pad, 48,363 Gals..            Stage Into .75# 100 Mesh Pad, 74.8 Bpm At 6,243 Psi..            On Perfs, 74.5 Bpm At 6,699 Psi., 19,133 Gals.            Stage Into 1.0# 20/40 CRC Prop, 74.5 Bpm At 6,717 Psi..            On Perfs, 74.5 Bpm At 6,470 Psi., 12,136 Gals.            Stage Into 2.0# 20/40 CRC Prop, 74.6 Bpm At 6,456 Psi..            On Perfs, 74.6 Bpm At 6,042 Psi., 12,065 Gals.            Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 6,020 Psi..            On Perfs, 74.5 Bpm At 5,933 Psi., 7,559 Gals.            Stage Into 3.5# 20/40 CRC Prop, 74.5 Bpm At 5,992 Psi..            On Perfs, 74.6 Bpm At 5,780 Psi., 13,251 Gals.            Stage Into 4.0# 20/40 CRC Prop, 74.5 Bpm At 5,804 Psi..            On Perfs, 74.6 Bpm At 5,790 Psi., 14,010 Gals.            Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..            Get ISDP, 4,553 Psi.. 0.84 Psi./Ft. F.G.. WSI And Secured.            Total 100 Mesh - 14,200#            Total 20/40 CRC Prop - 150,700#.            Total Clean - 154,105 Gals.. 3,669 Bbls..            Total Produced Water - 73,708 Gals..            Total 2% KCL - 78,154 Gals..            BWTR - 3,848 Bbls.            Max. Rate - 75.3 Bpm            Avg. Rate - 74.6 Bpm            Max. Psi. - 6,734 Psi.            Avg. Psi. - 6,188 Psi.</p>	
06:15	0.25	06:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.	
06:30	1.34	07:50	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 10,960 - 10,980'. Drop Down To Depth, Set CBP At 11,079'. 2,950 Psi.. Perforate Stage 2 CR-4/CR-3 Zone, 10,741 - 11,059'. 45 Holes. 2,100 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.	
07:50	0.17	08:00	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.	



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
08:00	1.25	09:15	FRAC	Frac. Job	Frac Stage 2. Fluid System: Hybor G 21. Open Well, 1,573 Psi. ICP. BrokeDown At 10.3 Bpm And 4,020 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.9 Bpm And 6,591 Psi., Get ISIP, 3,531 Psi.. 0.76 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 48,258 Gals.. Stage Into .75# 100 Mesh Pad, 74.0 Bpm At 5,949 Psi.. On Perfs, 73.9 Bpm At 6,367 Psi., 19,165 Gals. Stage Into 1.0# 20/40 CRC Prop, 72.0 Bpm At 6,341 Psi.. On Perfs, 72.3 Bpm At 6,131 Psi., 11,697 Gals. Stage Into 2.0# 20/40 CRC Prop, 72.6 Bpm At 6,114 Psi.. On Perfs, 75.8 Bpm At 5,757 Psi., 11,765 Gals. Stage Into 3.0# 20/40 CRC Prop, 75.8 Bpm At 5,741 Psi.. On Perfs, 75.6 Bpm At 5,614 Psi., 8,614 Gals. Stage Into 3.5# 20/40 CRC Prop, 75.7 Bpm At 5,670 Psi.. On Perfs, 75.7 Bpm At 5,704 Psi., 12,827 Gals. Stage Into 4.0# 20/40 CRC Prop, 75.7 Bpm At 5,765 Psi.. On Perfs, 75.5 Bpm At 5,905 Psi., 13,379 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,766 Psi.. 0.88 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,200# Total 20/40 CRC Prop - 150,600#. Total Clean - 151,791 Gals.. 3,614 Bbls.. Total Produced Water - 72,307 Gals.. Total 2% KCL - 77,447 Gals.. BWTR - 3,791 Bbls. Max. Rate - 79.8 Bpm Avg. Rate - 74.2 Bpm Max. Psi. - 6,490 Psi. Avg. Psi. - 5,971 Psi.
09:15	0.17	09:25	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
09:25	1.58	11:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 10,073 - 10,095'. Drop Down To Depth, Set CBP At 10,736'. 2,250 Psi.. Perforate Stage 3 CR-3/CR-2 Zone, 10,406 - 10,716'. 45 Holes. 1,900 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:00	0.08	11:05	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
11:05	1.17	12:15	FRAC	Frac. Job	Frac Stage 3. Fluid System: Hybor G 18. Open Well, 1,495 Psi. ICP. BrokeDown At 10.0 Bpm And 3,361 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 74.96Bpm And 5,693 Psi., Get ISIP, 3,254 Psi.. 0.75 Psi./Ft. F.G.. 34/45 Holes. Con't With SlickWater Pad, 48,300 Gals.. Stage Into .75# 100 Mesh Pad, 73.4 Bpm At 5,460 Psi.. On Perfs, 71.3 Bpm At 5,750 Psi., 18,961 Gals. Stage Into 1.0# 20/40 CRC Prop, 68.3 Bpm At 5,443 Psi.. On Perfs, 72.2 Bpm At 5,411 Psi., 11,378 Gals. Stage Into 2.0# 20/40 CRC Prop, 72.3 Bpm At 5,280 Psi.. On Perfs, 72.3 Bpm At 4,820 Psi., 11,652 Gals. Stage Into 3.0# 20/40 CRC Prop, 72.1 Bpm At 4,902 Psi.. On Perfs, 72.2 Bpm At 4,750 Psi., 9,808 Gals. Stage Into 3.5# 20/40 CRC Prop, 72.2 Bpm At 4,745 Psi.. On Perfs, 72.4 Bpm At 4,431 Psi., 12,231 Gals. Stage Into 4.0# 20/40 CRC Prop, 72.4 Bpm At 4,463 Psi.. On Perfs, 72.3 Bpm At 4,382 Psi., 12,720 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,808 Psi.. 0.70 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,200# Total 20/40 CRC Prop - 149,300#. Total Clean - 150,290 Gals.. 3,578 Bbls.. Total Produced Water - 71,663 Gals.. Total 2% KCL - 76,750 Gals.. BWTR - 3,764 Bbls. Max. Rate - 76.1 Bpm Avg. Rate - 72.9 Bpm Max. Psi. - 5,876 Psi. Avg. Psi. - 5,173 Psi.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
12:15	0.17	12:25	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
12:25	1.33	13:45	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 10,073 - 10,095'. Drop Down To Depth, Set CBP At 10,400'. 300 Psi.. Perforate Stage 4 CR-2/Wasatch Zone, 10,089 - 10,382'. 45 Holes. 2,600 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
13:45	0.17	13:55	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
13:55	1.16	15:05	FRAC	Frac. Job	Frac Stage 4. Fluid System: Hybor G 16. Open Well, 2,533 Psi. ICP. BrokeDown At 9.7 Bpm And 3,762 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.3 Bpm And 4,947 Psi., Get ISIP, 3,061 Psi.. 0.74 Psi./Ft. F.G.. 40/45 Holes. Con't With SlickWater Pad, 48,192 Gals.. Stage Into .75# 100 Mesh Pad, 72.3 Bpm At 4,751 Psi.. On Perfs, 70.3 Bpm At 4,961 Psi., 18,870 Gals. Stage Into 1.0# 20/40 White Prop, 69.7 Bpm At 4,993 Psi.. On Perfs, 70.8 Bpm At 4,884 Psi., 10,970 Gals. Stage Into 2.0# 20/40 White Prop, 70.8 Bpm At 4,884 Psi.. On Perfs, 70.9 Bpm At 4,504 Psi., 11,023 Gals. Stage Into 3.0# 20/40 White Prop, 70.9 Bpm At 4,489 Psi.. On Perfs, 70.8 Bpm At 4,376 Psi., 10,810 Gals. Stage Into 3.5# 20/40 White Prop, 70.8 Bpm At 4,370 Psi.. On Perfs, 70.9 Bpm At 4,258 Psi., 12,056 Gals. Stage Into 4.0# 20/40 White Prop, 70.9 Bpm At 4,275 Psi.. On Perfs, 70.8 Bpm At 4,320 Psi., 12,723 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,140 Psi.. 0.77 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,100# Total 20/40 White Prop - 150,200#. Total Clean - 149,310 Gals.. 3,555 Bbls.. Total Produced Water - 70,859 Gals.. Total 2% KCL - 77,452 Gals.. BWTR - 3,736 Bbls. Max. Rate - 72.9 Bpm Avg. Rate - 71.3 Bpm Max. Psi. - 5,042 Psi. Avg. Psi. - 4,654 Psi.
15:05	0.17	15:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
15:15	1.25	16:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 8,689 - 8,711'. Drop Down To Depth, Set CBP At 10,08'. 2,900 Psi.. Perforate Stage 5 CR-1 Zone, 9,744 - 10,064'. 45 Holes. 2,600 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
16:30	0.17	16:40	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
16:40	1.16	17:50	FRAC	Frac. Job	Frac Stage 5. Fluid System: Hybor G 16. Open Well, 2,178 Psi. ICP. BrokeDown At 9.7 Bpm And 2,525 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 73.0 Bpm And 4,540 Psi., Get ISIP, 2,024 Psi.. 0.64 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 51,476 Gals.. Stage Into .75# 100 Mesh Pad, 72.6 Bpm At 3,945 Psi.. On Perfs, 72.2 Bpm At 4,235 Psi., 19,963 Gals. Stage Into 1.0# 20/40 White Prop, 72.2 Bpm At 4,228 Psi.. On Perfs, 72.1 Bpm At 4,145 Psi., 10,601 Gals. Stage Into 2.0# 20/40 White Prop, 72.1 Bpm At 4,135 Psi.. On Perfs, 72.2 Bpm At 3,763 Psi., 10,702 Gals. Stage Into 3.0# 20/40 White Prop, 72.2 Bpm At 3,751 Psi.. On Perfs, 72.0 Bpm At 4,376 Psi., 15,333 Gals. Stage Into 3.5# 20/40 White Prop, 72.1 Bpm At 3,659 Psi.. On Perfs, 72.1 Bpm At 3,525 Psi., 11,686 Gals. Stage Into 4.0# 20/40 White Prop, 72.1 Bpm At 3,525 Psi.. On Perfs, 72.1 Bpm At 3,424 Psi., 12,453 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,568 Psi.. 0.70 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,900# Total 20/40 White Prop - 160,500#. Total Clean - 156,377 Gals.. 3,723 Bbls.. Total Produced Water - 73,599 Gals.. Total 2% KCL - 80,738 Gals.. BWTR - 3,913 Bbls. Max. Rate - 72.7 Bpm Avg. Rate - 72.2 Bpm Max. Psi. - 4,255 Psi. Avg. Psi. - 3,903 Psi.
17:50	0.17	18:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
18:00	1.25	19:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 8,689 - 8,711'. Drop Down To Depth, Set CBP At 9,735'. 1,800 Psi.. Perforate Stage 6 UteLand Butte/Castle Peak Zone, 9,531 - 9,718'. 39 Holes. 1,700 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
19:15	10.75	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**3-5D-35 BTR 9/12/2013 06:00 - 9/13/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.



## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.92	06:55	FRAC	Frac. Job	<p>Frac Stage 6. Fluid System: Hybor G 16.            Open Well, 695 Psi. ICP. BrokeDown At 10.3 Bpm And 2,318 Psi..            Pump 3900 Gals. 15% HCL And 78 Bio Balls, Attempt BallOut. Let Balls Fall.            Get Stabilized Injection Of 72.3 Bpm And 5,042 Psi., Get ISIP, 2,363 Psi.. 0.68 Psi./Ft.            F.G.. 35/39 Holes.            Con't With SlickWater Pad, 45,242 Gals..            Stage Into .75# 100 Mesh Pad, 72.2 Bpm At 4,200 Psi..            On Perfs, 71.8 Bpm At 4,435 Psi., 17,746 Gals.            Stage Into 1.0# 20/40 White Prop, 71.8 Bpm At 4,560 Psi..            On Perfs, 71.7 Bpm At 4,354 Psi., 10,388 Gals.            Stage Into 2.0# 20/40 White Prop, 71.7 Bpm At 4,342 Psi..            On Perfs, 71.8 Bpm At 3,935 Psi., 10,503 Gals.            Stage Into 3.0# 20/40 White Prop, 71.8 Bpm At 3,920 Psi..            On Perfs, 71.7 Bpm At 3,774 Psi., 9,614 Gals.            Stage Into 3.5# 20/40 White Prop, 71.8 Bpm At 3,773 Psi..            On Perfs, 72.3 Bpm At 3,590 Psi., 11,443 Gals.            Stage Into 4.0# 20/40 White Prop, 72.2 Bpm At 3,648 Psi..            On Perfs, 72.8 Bpm At 3,627 Psi., 12,200 Gals.            Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..            Get ISDP, 2,737 Psi.. 0.72 Psi./Ft. F.G.. WSI And Secured.            Total 100 Mesh - 13,200#            Total 20/40 White Prop - 140,700#.            Total Clean - 141,071 Gals.. 3,359 Bbls..            Total Produced Water - 68,033 Gals..            Total 2% KCL - 71,894 Gals..            BWTR - 3,519 Bbls.            Max. Rate - 72.8 Bpm            Avg. Rate - 72.1 Bpm            Max. Psi. - 4,590 Psi.            Avg. Psi. - 4,105 Psi.</p>
06:55	0.17	07:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
07:05	1.17	08:15	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf,            .36" Penetration Charges, 23 Gms., .44 Dia. Holes.            Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB            CBL/CCL Dated 07/27/2013.            Found And Correlated To Short Joint At 8,689 - 8,711'.            Drop Down To Depth, Set CBP At 9,520'. 2,250 Psi..            Perforate Stage 7 Castle Peak/Black Shale Zone, 9,277 - 9,509'. 45 Holes. 2,100 Psi..            POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
08:15	0.25	08:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	1.17	09:40	FRAC	Frac. Job	Frac Stage 7. Fluid System: Hybor G 16. Open Well, 1,910 Psi. ICP. BrokeDown At 10.4 Bpm And 2,240 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 71.1 Bpm And 4,911 Psi., Get ISIP, 2,053 Psi.. 0.67 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 48,352 Gals.. Stage Into .75# 100 Mesh Pad, 74.6 Bpm At 4,135 Psi.. On Perfs, 72.0 Bpm At 4,305 Psi., 18,659 Gals. Stage Into 1.0# 20/40 White Prop, 72.9 Bpm At 4,370 Psi.. On Perfs, 73.0 Bpm At 4,180 Psi., 10,153 Gals. Stage Into 2.0# 20/40 White Prop, 73.1 Bpm At 4,147 Psi.. On Perfs, 73.1 Bpm At 3,735 Psi., 10,219 Gals. Stage Into 3.0# 20/40 White Prop, 73.2 Bpm At 3,708 Psi.. On Perfs, 73.1 Bpm At 3,645 Psi., 13,781 Gals. Stage Into 3.5# 20/40 White Prop, 73.0 Bpm At 3,656 Psi.. On Perfs, 73.0 Bpm At 3,421 Psi., 11,269 Gals. Stage Into 4.0# 20/40 White Prop, 73.1 Bpm At 3,419 Psi.. On Perfs, 73.8 Bpm At 3,511 Psi., 7,578 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,382 Psi.. 0.69 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,000# Total 20/40 White Prop - 149,180#. Total Clean - 143,159 Gals.. 3,409 Bbls.. Total Produced Water - 69,435 Gals.. Total 2% KCL - 73,659 Gals.. BWTR - 3,561 Bbls. Max. Rate - 75.4 Bpm Avg. Rate - 72.7 Bpm Max. Psi. - 4,380 Psi. Avg. Psi. - 3,920 Psi.
09:40	0.33	10:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.
10:00	1.00	11:00	PFRT	Perforating	RIH With 3 1/8" Sinker Bar, CCL, And CBP Plug Assembly. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 07/20/2013 And SLB CBL/CCL Dated 07/27/2013. Found And Correlated To Short Joint At 8,689 - 8,711'. Drop Down To Depth, Set CBP At 9,220'. 2,000 Psi.. Bleed Pressure Off Well. POOH. LayDown Tools, WSI And Secured.
11:00	3.00	14:00	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**3-5D-35 BTR 9/13/2013 06:00 - 9/14/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	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	1.00	08:00	SRIG	Rig Up/Down	SPOT IN AND RUSU.
08:00	2.00	10:00	BOPI	Install BOP's	CHECK PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR. SPOT HYD WALK AND RACKS.
10:00	2.00	12:00	GOP	General Operations	UNLOAD 351-JTS 2-7/8" L-80 TBG.
12:00	4.00	16:00	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT 2-7/8", 2.31 XN. RIH AS MEAS AND PU TBG TO TAG KILL PLUG AT 9220' W/ 279-JTS IN.
16:00	1.50	17:30	GOP	General Operations	RU DRLG EQUIP. FILL AND TEST TO 3000 PSI. GOOD. SECURE WELL FOR NIGHT.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

**3-5D-35 BTR 9/14/2013 06:00 - 9/15/2013 06:00**

API/UWI 43-013-51638	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,588.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00		06:00	CTRL	Crew Travel	CREW TRAVEL. HSM.



**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	DOPG	Drill Out Plugs	EST CIRC. D/O PLUGS  CBP #1 AT 9220'. C/O 0' SAND. D/O IN 5 MIN. FCP 50#. 48/64" RIH. CBP #2 AT 9520'. C/O 19' SAND. D/O IN 6 MIN. FCP 100#. 48/64" RIH. CBP #3 AT 9735'. C/O 39' SAND. D/O IN 3 MIN. FCP 250#. 48/64" RIH. CBP #4 AT 10,080'. C/O 69' SAND. D/O IN 4 MIN. FCP 450#. 32/64". RIH. CBP #5 AT 10,400'. C/O 65' SAND. D/O IN 5 MIN. FCP 500#. 32/64". RIH. CBP #6 AT 10,736'. C/O 165' SAND. D/O IN 6 MIN. FCP 600#. 32/64". RIH. CBP #7 AT 11,079'. C/O 205' SAND. D/O IN 7 MIN. FCP 550#. 32/64". RIH. C/O 182' FILL TO FC AT 11,489'. D/O FC. RUN DOWN TO 11,543' (NO CMT BELOW FLOAT COLLAR) W/ 347-JTS IN.  CIRC CLEAN.
13:00	1.50	14:30	PULT	Pull Tubing	RD PWR SWIVEL. POOH AS LD 70- JTS. PU 7" 5K HANGER AND LUBE IN. LAND 277-JTS W/ EOT AT 9186.15'. (147' RATHOLE)  TBG DETAIL KB 18.00 HANGER .80 276-JTS 2-7/8" L-80 9150.34 2.31 XN 1.30 1-JT 2-7/8" L-80 33.70 POBS .81 EOT 9186.15
14:30	1.00	15:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. POBS AT 1400 PSI.
15:30	0.50	16:00	SRIG	Rig Up/Down	RDSU.
16:00	1.00	17:00	WLWK	Wireline	RU DELSCO SLK LINE. RIH TO TAG AT 11,532'. RD DELSCO. TURN OVER TO PRODUCTION AND SALES.
17:00	2.00	19:00	RMOV	Rig Move	ROAD RIG TOWARDS 29-13D
19:00	11.00	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL ON PRODUCTION.

# **BILL BARRETT CORPORATION**

**UTAH (DUCHESNE COUNTY - NAD 83)**

**SEC. 5 T3S R5W U.S.B & M.**

**#3-5D-35 BTR**

**JOB # 2009-203**

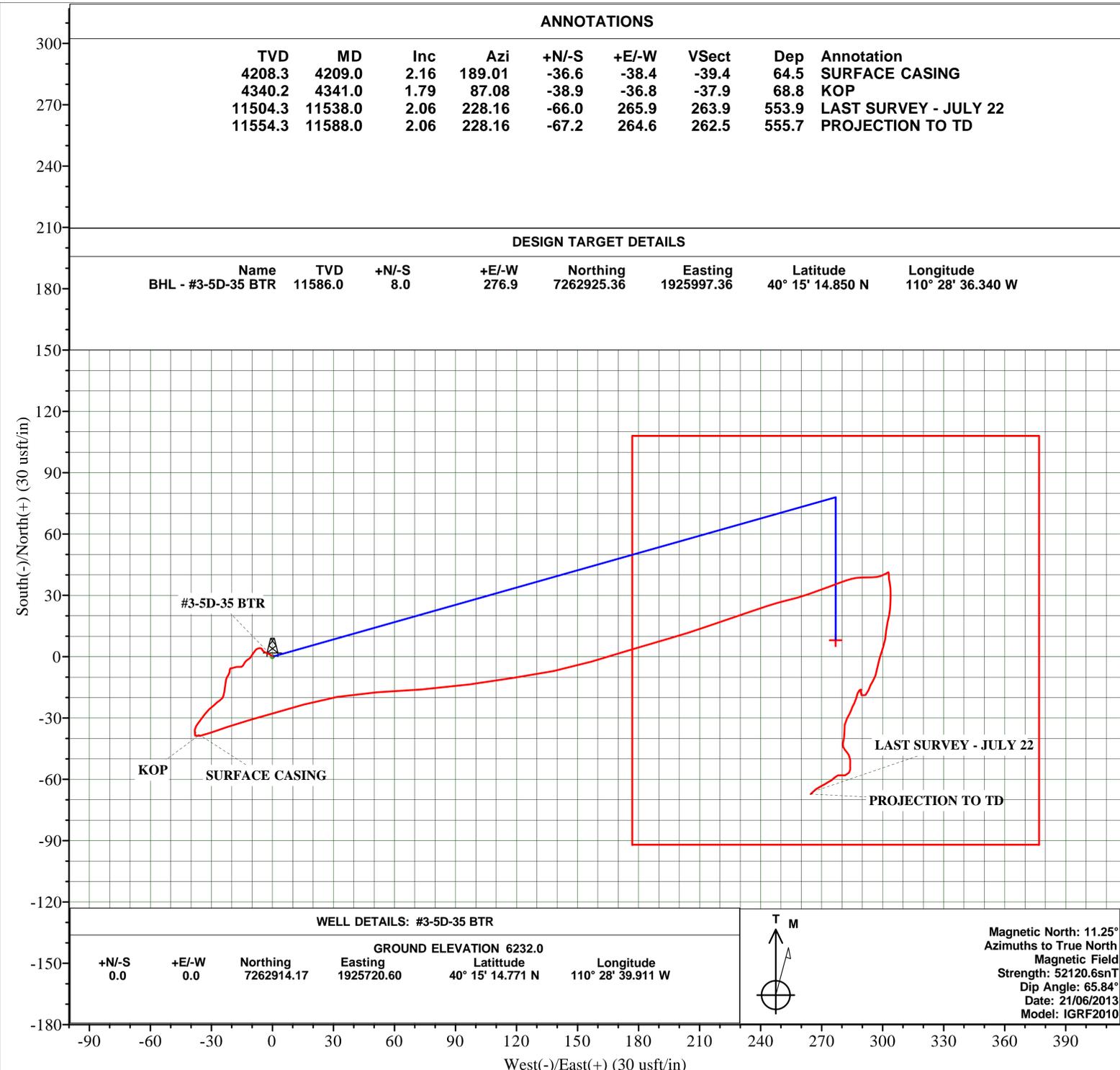
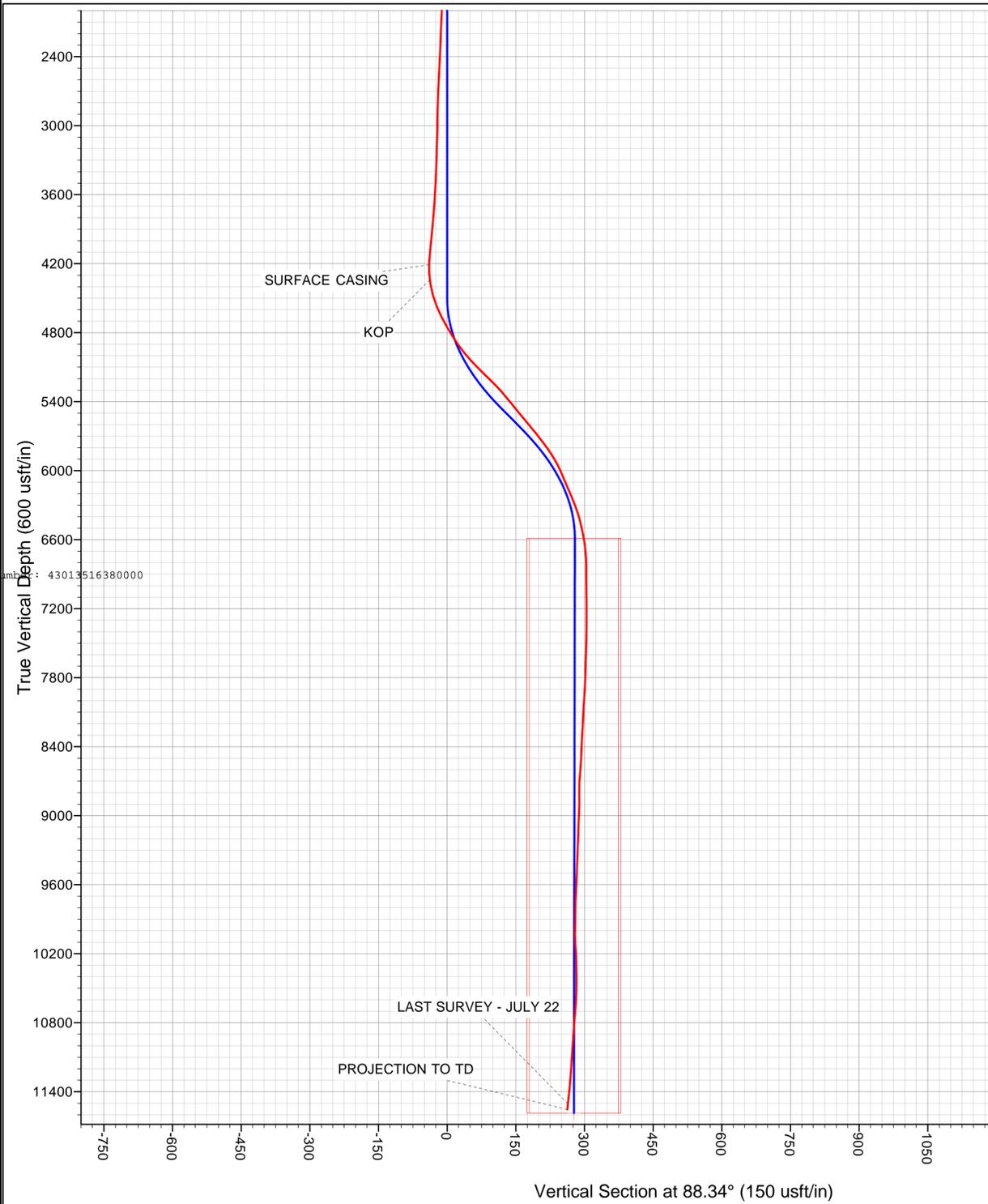
**22 July, 2013**

**Survey: FINAL SURVEYS**





Project: UTAH (DUCHESNE COUNTY - NAD 83)  
 Site: SEC. 5 T3S R5W U.S.B & M.  
 Well: #3-5D-35 BTR  
 Wellbore: JOB # 2009-203  
 Design: FINAL SURVEYS



Survey Report



<b>Company:</b>	BILL BARRETT CORPORATION	<b>Local Co-ordinate Reference:</b>	Well #3-5D-35 BTR
<b>Project:</b>	UTAH (DUCHESNE COUNTY - NAD 83)	<b>TVD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Site:</b>	SEC. 5 T3S R5W U.S.B & M.	<b>MD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Well:</b>	#3-5D-35 BTR	<b>North Reference:</b>	True
<b>Wellbore:</b>	JOB # 2009-203	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL SURVEYS	<b>Database:</b>	EDM 5000.1 Single User Db

<b>Project</b>	UTAH (DUCHESNE COUNTY - NAD 83)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone	Using geodetic scale factor	

<b>Site</b>	SEC. 5 T3S R5W U.S.B & M.				
<b>Site Position:</b>		<b>Northing:</b>	7,259,061.43 usft	<b>Latitude:</b>	40° 14' 36.769 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	1,925,089.34 usft	<b>Longitude:</b>	110° 28' 48.619 W
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16"	<b>Grid Convergence:</b>	0.65 °

<b>Well</b>	#3-5D-35 BTR					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	7,262,914.17 usft	<b>Latitude:</b>	40° 15' 14.771 N
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	1,925,720.60 usft	<b>Longitude:</b>	110° 28' 39.911 W
<b>Position Uncertainty</b>	0.0 usft		<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	6,232.0 usft

<b>Wellbore</b>	JOB # 2009-203				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	21/06/2013	11.25	65.84	52,121

<b>Design</b>	FINAL SURVEYS				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.0	0.0	0.0	88.34	

<b>Survey Program</b>	<b>Date</b>	22/07/2013			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
146.0	11,588.0	FINAL SURVEYS (JOB # 2009-203)	MWD	MWD - Standard	

<b>Survey</b>											
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>Subsea Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
0.0	0.00	0.00	0.0	6,250.0	0.0	0.0	0.0	0.00	0.00	0.00	
146.0	0.35	316.67	146.0	6,104.0	0.3	-0.3	-0.3	0.24	0.24	0.00	
241.0	0.48	304.37	241.0	6,009.0	0.8	-0.8	-0.8	0.17	0.14	-12.95	
299.0	0.62	301.64	299.0	5,951.0	1.1	-1.3	-1.3	0.25	0.24	-4.71	
361.0	0.62	296.72	361.0	5,889.0	1.4	-1.9	-1.8	0.09	0.00	-7.94	
451.0	0.40	281.25	451.0	5,799.0	1.7	-2.6	-2.6	0.29	-0.24	-17.19	
512.0	0.53	303.13	512.0	5,738.0	1.9	-3.1	-3.0	0.36	0.21	35.87	
572.0	0.48	291.09	572.0	5,678.0	2.1	-3.5	-3.5	0.20	-0.08	-20.07	
664.0	0.40	308.85	664.0	5,586.0	2.4	-4.2	-4.1	0.17	-0.09	19.30	
753.0	0.44	310.25	753.0	5,497.0	2.9	-4.7	-4.6	0.05	0.04	1.57	
844.0	0.04	341.98	844.0	5,406.0	3.1	-4.9	-4.8	0.45	-0.44	34.87	
939.0	0.35	350.68	939.0	5,311.0	3.4	-5.0	-4.9	0.33	0.33	9.16	
1,033.0	0.22	303.22	1,033.0	5,217.0	3.8	-5.2	-5.1	0.27	-0.14	-50.49	

Survey Report



<b>Company:</b>	BILL BARRETT CORPORATION	<b>Local Co-ordinate Reference:</b>	Well #3-5D-35 BTR
<b>Project:</b>	UTAH (DUCHESNE COUNTY - NAD 83)	<b>TVD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Site:</b>	SEC. 5 T3S R5W U.S.B & M.	<b>MD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Well:</b>	#3-5D-35 BTR	<b>North Reference:</b>	True
<b>Wellbore:</b>	JOB # 2009-203	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL SURVEYS	<b>Database:</b>	EDM 5000.1 Single User Db

Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,128.0	0.40	296.19	1,128.0	5,122.0	4.1	-5.6	-5.5	0.19	0.19	-7.40	
1,223.0	0.31	264.29	1,223.0	5,027.0	4.2	-6.2	-6.1	0.22	-0.09	-33.58	
1,318.0	0.70	254.88	1,318.0	4,932.0	4.0	-7.0	-6.9	0.42	0.41	-9.91	
1,413.0	0.66	232.12	1,413.0	4,837.0	3.5	-8.0	-7.9	0.29	-0.04	-23.96	
1,508.0	0.66	209.62	1,508.0	4,742.0	2.7	-8.7	-8.6	0.27	0.00	-23.68	
1,603.0	0.66	218.85	1,602.9	4,647.1	1.8	-9.3	-9.3	0.11	0.00	9.72	
1,698.0	0.62	214.19	1,697.9	4,552.1	1.0	-9.9	-9.9	0.07	-0.04	-4.91	
1,794.0	0.53	209.27	1,793.9	4,456.1	0.1	-10.5	-10.4	0.11	-0.09	-5.12	
1,889.0	0.48	221.66	1,888.9	4,361.1	-0.5	-10.9	-10.9	0.13	-0.05	13.04	
1,984.0	0.66	236.60	1,983.9	4,266.1	-1.1	-11.7	-11.7	0.24	0.19	15.73	
2,079.0	0.62	236.95	2,078.9	4,171.1	-1.7	-12.5	-12.6	0.04	-0.04	0.37	
2,174.0	1.19	216.91	2,173.9	4,076.1	-2.8	-13.6	-13.6	0.68	0.60	-21.09	
2,269.0	0.92	199.78	2,268.9	3,981.1	-4.3	-14.4	-14.5	0.43	-0.28	-18.03	
2,363.0	0.70	270.18	2,362.9	3,887.1	-5.0	-15.2	-15.4	1.01	-0.23	74.89	
2,457.0	0.66	272.02	2,456.9	3,793.1	-5.0	-16.4	-16.5	0.05	-0.04	1.96	
2,551.0	0.79	265.87	2,550.9	3,699.1	-5.0	-17.5	-17.7	0.16	0.14	-6.54	
2,645.0	0.70	244.07	2,644.9	3,605.1	-5.3	-18.7	-18.9	0.31	-0.10	-23.19	
2,740.0	0.62	266.13	2,739.9	3,510.1	-5.6	-19.7	-19.9	0.28	-0.08	23.22	
2,834.0	0.53	257.96	2,833.9	3,416.1	-5.7	-20.7	-20.8	0.13	-0.10	-8.69	
2,928.0	0.75	171.21	2,927.9	3,322.1	-6.4	-21.0	-21.2	0.95	0.23	-92.29	
3,023.0	0.83	195.47	3,022.8	3,227.2	-7.7	-21.1	-21.3	0.36	0.08	25.54	
3,116.0	0.88	211.11	3,115.8	3,134.2	-9.0	-21.6	-21.9	0.26	0.05	16.82	
3,203.0	0.83	215.42	3,202.8	3,047.2	-10.0	-22.4	-22.6	0.09	-0.06	4.95	
3,298.0	2.46	186.77	3,297.8	2,952.2	-12.6	-23.0	-23.4	1.87	1.72	-30.16	
3,393.0	2.81	188.88	3,392.7	2,857.3	-17.0	-23.6	-24.1	0.38	0.37	2.22	
3,488.0	1.36	212.96	3,487.6	2,762.4	-20.2	-24.6	-25.1	1.75	-1.53	25.35	
3,583.0	0.83	251.98	3,582.6	2,667.4	-21.4	-25.8	-26.4	0.93	-0.56	41.07	
3,677.0	1.27	222.36	3,676.6	2,573.4	-22.3	-27.2	-27.8	0.73	0.47	-31.51	
3,773.0	1.71	231.06	3,772.6	2,477.4	-24.0	-29.0	-29.7	0.51	0.46	9.06	
3,868.0	1.63	230.54	3,867.5	2,382.5	-25.8	-31.2	-31.9	0.09	-0.08	-0.55	
3,962.0	2.15	213.31	3,961.5	2,288.5	-28.1	-33.2	-34.0	0.81	0.55	-18.33	
4,096.0	2.42	220.61	4,095.4	2,154.6	-32.3	-36.4	-37.3	0.30	0.20	5.45	
4,190.0	2.55	194.24	4,189.3	2,060.7	-35.9	-38.2	-39.2	1.21	0.14	-28.05	
<b>SURFACE CASING</b>											
<b>4,209.0</b>	<b>2.16</b>	<b>189.01</b>	<b>4,208.3</b>	<b>2,041.7</b>	<b>-36.6</b>	<b>-38.4</b>	<b>-39.4</b>	<b>2.32</b>	<b>-2.03</b>	<b>-27.50</b>	
4,285.0	1.14	134.47	4,284.2	1,965.8	-38.6	-38.0	-39.1	2.32	-1.35	-71.77	
<b>KOP</b>											
<b>4,341.0</b>	<b>1.79</b>	<b>87.08</b>	<b>4,340.2</b>	<b>1,909.8</b>	<b>-38.9</b>	<b>-36.8</b>	<b>-37.9</b>	<b>2.35</b>	<b>1.15</b>	<b>-84.63</b>	
4,379.0	2.54	74.12	4,378.2	1,871.8	-38.7	-35.4	-36.5	2.35	1.98	-34.10	
4,475.0	4.22	72.77	4,474.0	1,776.0	-37.1	-29.9	-31.0	1.75	1.75	-1.41	
4,570.0	5.84	70.05	4,568.6	1,681.4	-34.4	-22.1	-23.0	1.72	1.71	-2.86	
4,665.0	7.65	74.79	4,663.0	1,587.0	-31.1	-11.4	-12.3	1.99	1.91	4.99	
4,759.0	8.44	73.65	4,756.1	1,493.9	-27.5	1.2	0.4	0.86	0.84	-1.21	
4,854.0	9.36	74.53	4,849.9	1,400.1	-23.5	15.4	14.7	0.98	0.97	0.93	
4,949.0	11.03	79.54	4,943.4	1,306.6	-19.7	31.8	31.2	1.99	1.76	5.27	
5,044.0	12.79	86.48	5,036.4	1,213.6	-17.4	51.2	50.7	2.39	1.85	7.31	
5,139.0	14.33	86.31	5,128.7	1,121.3	-16.0	73.4	72.9	1.62	1.62	-0.18	
5,234.0	14.55	81.74	5,220.7	1,029.3	-13.6	97.0	96.5	1.22	0.23	-4.81	
5,330.0	12.60	81.30	5,314.0	936.0	-10.3	119.3	118.9	2.03	-2.03	-0.46	
5,423.0	11.38	79.19	5,405.0	845.0	-7.0	138.3	138.0	1.39	-1.31	-2.27	
5,517.0	12.22	73.21	5,497.0	753.0	-2.4	156.9	156.8	1.58	0.89	-6.36	
5,612.0	12.26	73.56	5,589.9	660.1	3.4	176.2	176.3	0.09	0.04	0.37	
5,707.0	11.82	73.74	5,682.8	567.2	9.0	195.2	195.4	0.46	-0.46	0.19	

Survey Report



<b>Company:</b>	BILL BARRETT CORPORATION	<b>Local Co-ordinate Reference:</b>	Well #3-5D-35 BTR
<b>Project:</b>	UTAH (DUCHESNE COUNTY - NAD 83)	<b>TVD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Site:</b>	SEC. 5 T3S R5W U.S.B & M.	<b>MD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Well:</b>	#3-5D-35 BTR	<b>North Reference:</b>	True
<b>Wellbore:</b>	JOB # 2009-203	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL SURVEYS	<b>Database:</b>	EDM 5000.1 Single User Db

Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,803.0	10.94	71.10	5,776.9	473.1	14.7	213.3	213.6	1.07	-0.92	-2.75	
5,898.0	9.49	71.28	5,870.4	379.6	20.1	229.2	229.7	1.53	-1.53	0.19	
5,994.0	7.34	71.63	5,965.3	284.7	24.6	242.6	243.2	2.24	-2.24	0.36	
6,089.0	5.85	76.99	6,059.7	190.3	27.6	253.0	253.7	1.70	-1.57	5.64	
6,184.0	6.81	71.63	6,154.1	95.9	30.4	263.1	263.9	1.19	1.01	-5.64	
6,279.0	6.24	68.82	6,248.5	1.5	34.1	273.3	274.1	0.69	-0.60	-2.96	
6,374.0	5.23	71.28	6,343.0	-93.0	37.3	282.2	283.1	1.09	-1.06	2.59	
6,469.0	3.65	89.74	6,437.7	-187.7	38.7	289.3	290.3	2.22	-1.66	19.43	
6,564.0	3.03	88.15	6,532.6	-282.6	38.8	294.8	295.8	0.66	-0.65	-1.67	
6,659.0	2.20	72.42	6,627.5	-377.5	39.5	299.1	300.1	1.15	-0.87	-16.56	
6,753.0	1.41	53.61	6,721.4	-471.4	40.7	301.7	302.8	1.04	-0.84	-20.01	
6,848.0	0.31	123.13	6,816.4	-566.4	41.2	302.9	304.0	1.40	-1.16	73.18	
6,943.0	1.01	184.92	6,911.4	-661.4	40.3	303.0	304.1	0.95	0.74	65.04	
7,038.0	1.76	173.06	7,006.4	-756.4	38.0	303.1	304.1	0.84	0.79	-12.48	
7,131.0	1.23	164.71	7,099.4	-849.4	35.6	303.6	304.5	0.61	-0.57	-8.98	
7,226.0	1.63	179.65	7,194.3	-944.3	33.3	303.9	304.7	0.57	0.42	15.73	
7,321.0	2.02	178.15	7,289.3	-1,039.3	30.2	303.9	304.7	0.41	0.41	-1.58	
7,416.0	2.15	184.13	7,384.2	-1,134.2	26.8	303.8	304.5	0.27	0.14	6.29	
7,511.0	1.98	182.60	7,479.2	-1,229.2	23.4	303.6	304.2	0.19	-0.18	-1.61	
7,607.0	1.71	193.45	7,575.1	-1,325.1	20.3	303.2	303.7	0.46	-0.28	11.30	
7,701.0	2.29	193.27	7,669.1	-1,419.1	17.1	302.5	302.8	0.62	0.62	-0.19	
7,796.0	2.81	186.59	7,764.0	-1,514.0	13.0	301.8	302.0	0.63	0.55	-7.03	
7,891.0	2.72	187.82	7,858.8	-1,608.8	8.4	301.2	301.3	0.11	-0.09	1.29	
7,980.0	3.03	200.04	7,947.7	-1,697.7	4.1	300.1	300.1	0.77	0.35	13.73	
8,075.0	3.34	196.26	8,042.6	-1,792.6	-0.9	298.5	298.3	0.39	0.33	-3.98	
8,170.0	2.55	189.67	8,137.5	-1,887.5	-5.6	297.3	297.0	0.90	-0.83	-6.94	
8,264.0	2.02	198.54	8,231.4	-1,981.4	-9.3	296.5	296.1	0.68	-0.56	9.44	
8,360.0	1.67	213.13	8,327.3	-2,077.3	-12.0	295.2	294.7	0.61	-0.36	15.20	
8,454.0	1.10	205.93	8,421.3	-2,171.3	-14.0	294.0	293.5	0.63	-0.61	-7.66	
8,549.0	2.02	198.46	8,516.3	-2,266.3	-16.4	293.1	292.5	0.99	0.97	-7.86	
8,645.0	1.49	231.15	8,612.2	-2,362.2	-18.8	291.6	290.9	1.16	-0.55	34.05	
8,740.0	1.41	305.33	8,707.2	-2,457.2	-18.9	289.7	289.0	1.84	-0.08	78.08	
8,834.0	1.32	26.10	8,801.2	-2,551.2	-17.3	289.2	288.6	1.88	-0.10	85.93	
8,928.0	0.40	301.03	8,895.2	-2,645.2	-16.1	289.4	288.8	1.43	-0.98	-90.50	
9,021.0	0.92	226.05	8,988.2	-2,738.2	-16.5	288.6	288.0	0.97	0.56	-80.62	
9,116.0	1.23	199.69	9,083.2	-2,833.2	-17.9	287.7	287.0	0.61	0.33	-27.75	
9,212.0	1.54	191.78	9,179.1	-2,929.1	-20.2	287.1	286.4	0.38	0.32	-8.24	
9,307.0	1.80	209.44	9,274.1	-3,024.1	-22.7	286.1	285.3	0.60	0.27	18.59	
9,402.0	0.92	201.36	9,369.1	-3,119.1	-24.7	285.1	284.2	0.95	-0.93	-8.51	
9,496.0	1.10	199.51	9,463.0	-3,213.0	-26.3	284.5	283.6	0.19	0.19	-1.97	
9,591.0	1.23	210.15	9,558.0	-3,308.0	-28.0	283.7	282.7	0.27	0.14	11.20	
9,686.0	1.85	207.95	9,653.0	-3,403.0	-30.3	282.4	281.4	0.66	0.65	-2.32	
9,781.0	2.11	190.99	9,747.9	-3,497.9	-33.3	281.4	280.3	0.67	0.27	-17.85	
9,876.0	1.76	172.76	9,842.9	-3,592.9	-36.5	281.2	280.1	0.74	-0.37	-19.19	
9,971.0	2.11	193.97	9,937.8	-3,687.8	-39.7	281.0	279.7	0.83	0.37	22.33	
10,066.0	1.76	185.89	10,032.8	-3,782.8	-42.8	280.4	279.1	0.47	-0.37	-8.51	
10,160.0	2.39	139.39	10,126.7	-3,876.7	-45.7	281.6	280.1	1.85	0.67	-49.47	
10,254.0	1.45	150.12	10,220.7	-3,970.7	-48.2	283.4	281.9	1.07	-1.00	11.41	
10,348.0	1.58	177.54	10,314.6	-4,064.6	-50.6	284.1	282.5	0.78	0.14	29.17	
10,443.0	1.58	183.60	10,409.6	-4,159.6	-53.2	284.0	282.4	0.18	0.00	6.38	
10,538.0	0.83	171.04	10,504.6	-4,254.6	-55.2	284.1	282.4	0.83	-0.79	-13.22	
10,633.0	1.41	218.06	10,599.6	-4,349.6	-56.8	283.5	281.7	1.09	0.61	49.49	
10,728.0	1.49	253.39	10,694.5	-4,444.5	-58.0	281.6	279.8	0.93	0.08	37.19	

Survey Report



<b>Company:</b>	BILL BARRETT CORPORATION	<b>Local Co-ordinate Reference:</b>	Well #3-5D-35 BTR
<b>Project:</b>	UTAH (DUCHESNE COUNTY - NAD 83)	<b>TVD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Site:</b>	SEC. 5 T3S R5W U.S.B & M.	<b>MD Reference:</b>	KB @ 6250.0usft (SST 17)
<b>Well:</b>	#3-5D-35 BTR	<b>North Reference:</b>	True
<b>Wellbore:</b>	JOB # 2009-203	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	FINAL SURVEYS	<b>Database:</b>	EDM 5000.1 Single User Db

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	Subsea Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,823.0	1.05	295.40	10,789.5	-4,539.5	-58.0	279.6	277.8	1.05	-0.46	44.22
10,918.0	1.10	242.31	10,884.5	-4,634.5	-58.1	278.0	276.2	1.01	0.05	-55.88
11,013.0	1.23	230.45	10,979.5	-4,729.5	-59.1	276.4	274.6	0.29	0.14	-12.48
11,108.0	1.23	229.92	11,074.5	-4,824.5	-60.5	274.8	273.0	0.01	0.00	-0.56
11,203.0	1.05	253.13	11,169.4	-4,919.4	-61.4	273.2	271.3	0.52	-0.19	24.43
11,298.0	1.27	226.32	11,264.4	-5,014.4	-62.3	271.6	269.7	0.61	0.23	-28.22
11,392.0	1.49	254.44	11,358.4	-5,108.4	-63.4	269.7	267.7	0.75	0.23	29.91
11,488.0	1.98	228.52	11,454.4	-5,204.4	-64.8	267.2	265.3	0.95	0.51	-27.00
<b>LAST SURVEY - JULY 22</b>										
<b>11,538.0</b>	<b>2.06</b>	<b>228.16</b>	<b>11,504.3</b>	<b>-5,254.3</b>	<b>-66.0</b>	<b>265.9</b>	<b>263.9</b>	<b>0.16</b>	<b>0.16</b>	<b>-0.72</b>
<b>PROJECTION TO TD</b>										
<b>11,588.0</b>	<b>2.06</b>	<b>228.16</b>	<b>11,554.3</b>	<b>-5,304.3</b>	<b>-67.2</b>	<b>264.6</b>	<b>262.5</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
VERTICAL TARGET - #	0.00	0.00	6,586.0	78.0	276.9	7,262,995.33	1,925,996.57	40° 15' 15.541 N	110° 28' 36.339 W
- hit/miss target									
- Shape									
- survey misses target center by 44.0usft at 6616.8usft MD (6585.3 TVD, 39.1 N, 297.4 E)									
- Point									
BHL - #3-5D-35 BTR	0.00	0.00	11,586.0	8.0	276.9	7,262,925.36	1,925,997.36	40° 15' 14.850 N	110° 28' 36.340 W
- survey misses target center by 82.6usft at 11588.0usft MD (11554.3 TVD, -67.2 N, 264.6 E)									
- Rectangle (sides W200.0 H200.0 D0.0)									

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,209.0	4,208.3	-36.6	-38.4	SURFACE CASING
4,341.0	4,340.2	-38.9	-36.8	KOP
11,538.0	11,504.3	-66.0	265.9	LAST SURVEY - JULY 22
11,588.0	11,554.3	-67.2	264.6	PROJECTION TO TD

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 1420H626526
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> 3-5D-35 BTR
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43013516380000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0813 FNL 1703 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/1/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The tribal lease has been earned for this well. The new lease number is  
14 20 H62 6526

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
March 31, 2015**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/26/2015	

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

Effective Date: 11/1/2016

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

**WELL INFORMATION:**

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

**OPERATOR CHANGES DOCUMENTATION:**

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

**REVIEW:**

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

**NEW OPERATOR BOND VERIFICATION:**

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

**DATA ENTRY:**

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

**COMMENTS:**

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From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

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

From: Bill Barrett Corporation

To: Rig II, LLC

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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

From: Bill Barrett Corporation

To: Rig II, LLC

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

From: Bill Barrett Corporation

To: Rig II, LLC

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

From: Bill Barrett Corporation

To: Rig II, LLC

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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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

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

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

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

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

(This space for State use only)

**APPROVED**

NOV 07 2016

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

**Request to Transfer Application or Permit to Drill**

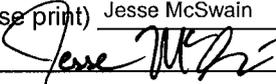
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

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

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

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

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

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

UIC FORM 5

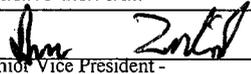
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

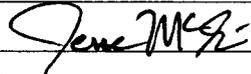
CURRENT OPERATOR

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

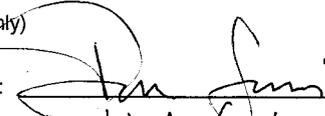
Name: Duane Zavadil  
Signature:   
Senior Vice President -  
Title: EH&S, Government and Regulatory Affairs  
Date: 10/20/16

NEW OPERATOR

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

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

(This space for State use only)

Transfer approved by:   
Title: VIC Geologist

Approval Date: 11/3/16

Comments:

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

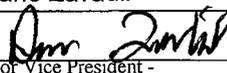
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

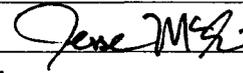
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

**CURRENT OPERATOR**

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

**NEW OPERATOR**

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

(This space for State use only)

Transfer approved by:   
Title: VIC

Approval Date: 11/3/16

Comments:

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

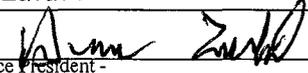
UIC FORM 5

**TRANSFER OF AUTHORITY TO INJECT**

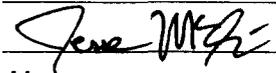
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

**CURRENT OPERATOR**

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

**NEW OPERATOR**

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

(This space for State use only)

Transfer approved by: \_\_\_\_\_ Approval Date: \_\_\_\_\_

Title: \_\_\_\_\_

Comments:

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