

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER 5-5D-35 BTR					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ALTAMONT					
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164					
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 2OG0005608			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Martha Turner						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-710-0893					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 751 West 4250 South, Ogden, UT 84405						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		2245 FNL 821 FWL		SWNW	5	3.0 S	5.0 W	U			
Top of Uppermost Producing Zone		1981 FNL 808 FWL		SWNW	5	3.0 S	5.0 W	U			
At Total Depth		1980 FNL 810 FWL		SWNW	5	3.0 S	5.0 W	U			
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 810			23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2263			26. PROPOSED DEPTH MD: 11959 TVD: 11949					
27. ELEVATION - GROUND LEVEL 6199			28. BOND NUMBER LPM8874725			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-180					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8	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 - 11959	17.0	P-110 LT&C	9.6	Unknown		820	2.31	11.0
							Unknown		940	1.42	13.5
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Venessa Langmacher			TITLE Senior Permit Analyst			PHONE 303 312-8172					
SIGNATURE			DATE 07/27/2012			EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43013516050000			APPROVAL			 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

5-5D-35 BTR

SW NW, 2245' FNL and 821' FWL, Section 5, T3S-R5W, USB&M (surface hole)

SW NW, 1980' FNL and 810' 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*	7,551'	7,544'
Douglas Creek	8,343'	8,334'
Black Shale	8,984'	8,974'
Castle Peak	9,134'	9,124'
Uteland Butte	9,504'	9,494'
Wasatch*	9,904'	9,894'
TD	11,959'	11,949'

*PROSPECTIVE PAY

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

Base of Useable Water = 4,161'

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
 5-5D-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 ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 3,500'
5 1/2" Production Casing	Lead: 820 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 3,500' Tail: 940 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 8,484'

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 5964 psi* and maximum anticipated surface pressure equals approximately 3336 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
5-5D-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: 5-5D-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 ³
Lead Fill:	3,500'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

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

# SK's Tail:	210
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Production Hole Data:

Total Depth:	11,959'
Top of Cement:	3,500'
Top of Tail:	8,484'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1888.4	ft ³
Lead Fill:	4,984'	
Tail Volume:	1316.8	ft ³
Tail Fill:	3,475'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	820
# SK's Tail:	940

5-5D-35 BTR Proposed Cementing Program

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

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (8484' - 3500')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 3,500'
	Calculated Fill: 4,984'
	Volume: 336.31 bbl
	Proposed Sacks: 820 sks
Tail Cement - (11959' - 8484')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 8,484'
	Calculated Fill: 3,475'
	Volume: 234.51 bbl
	Proposed Sacks: 940 sks

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

BILL BARRETT CORPORATION

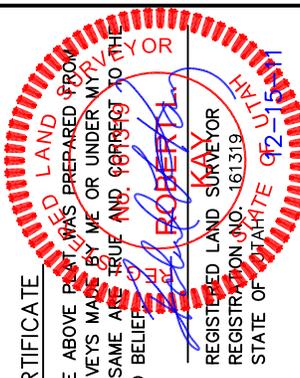
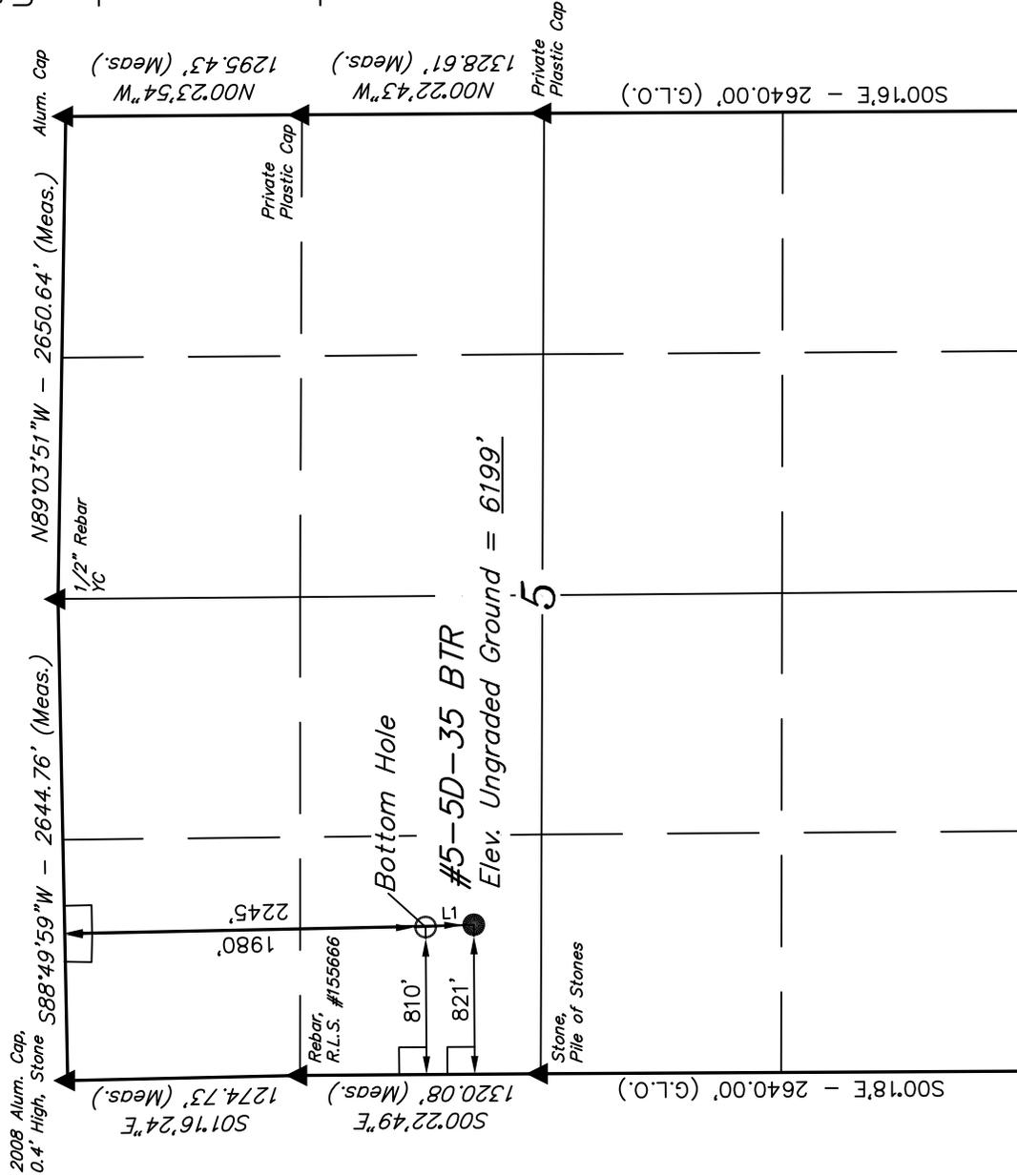
Well location, #5-5D-35 BTR, located as shown in the SW 1/4 NW 1/4 of Section 5, T3S, R5W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



THIS IS TO CERTIFY THAT THE ABOVE PLAN 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.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

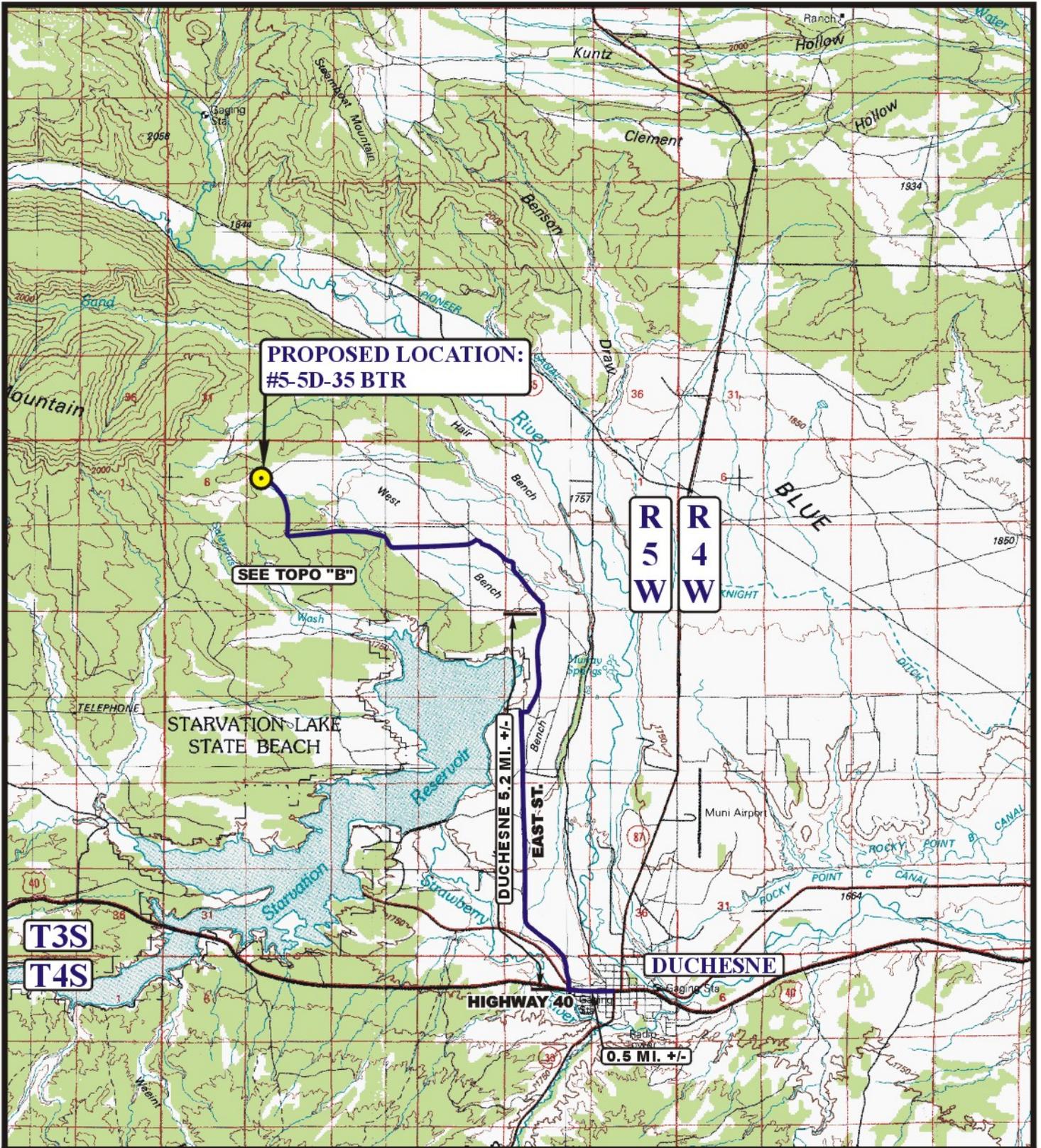
85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	09-10-11	DATE DRAWN:	10-04-11
PARTY	C.A. K.H. K.O.	REFERENCES	G.L.O. PLAT		
WEATHER	WARM	FILE	BILL BARRETT CORPORATION		

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°44'18"W	264.72'

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°15'03.04"	(40.250844)	LATITUDE = 40°15'00.43"	(40.250119)
LONGITUDE = 110°28'51.20"	(110.480889)	LONGITUDE = 110°28'51.03"	(110.480842)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°15'03.20"	(40.250889)	LATITUDE = 40°15'00.59"	(40.250164)
LONGITUDE = 110°28'48.64"	(110.480178)	LONGITUDE = 110°28'48.47"	(110.480131)

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



LEGEND:

 PROPOSED LOCATION



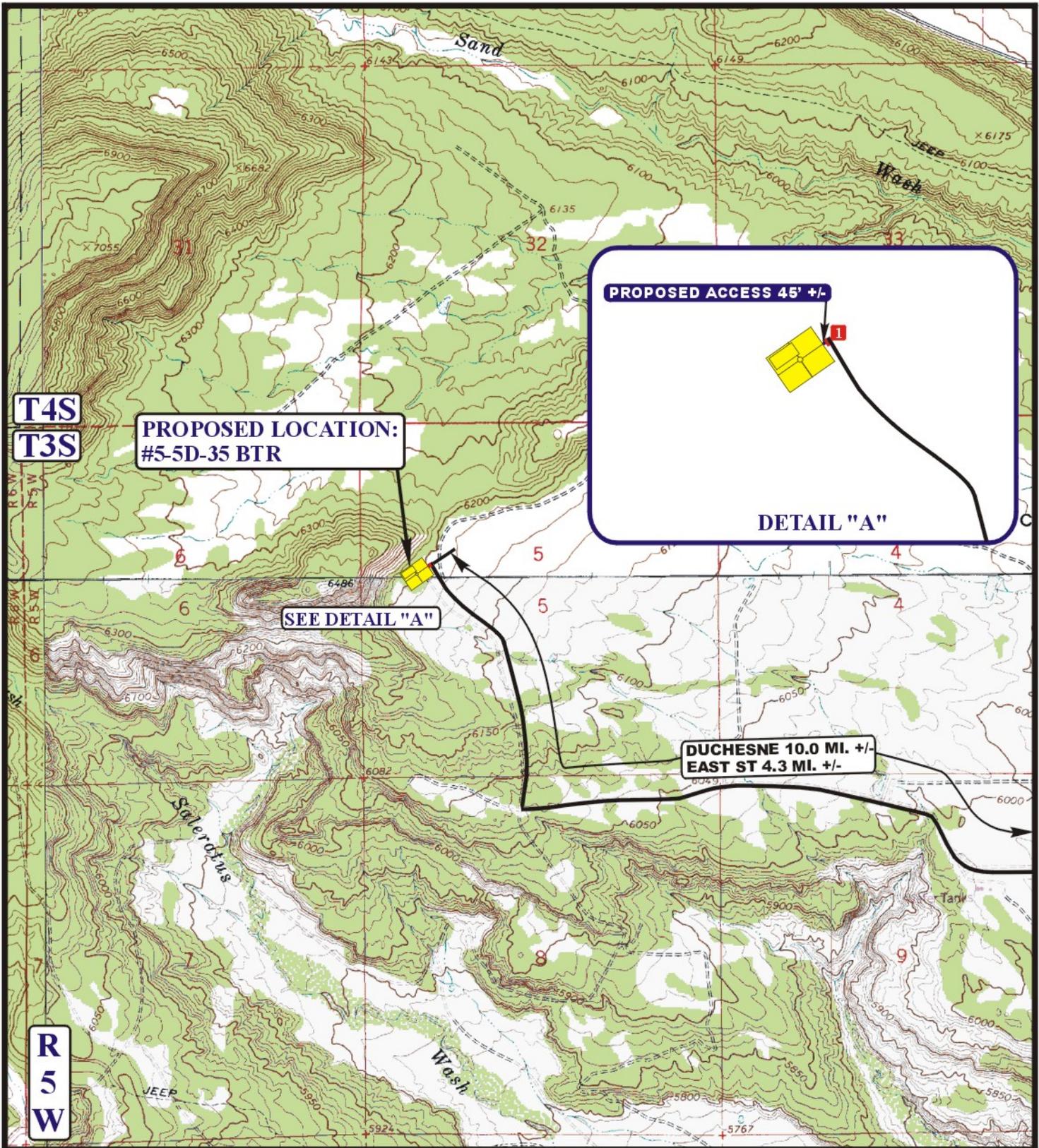
BILL BARRETT CORPORATION

#5-5D-35 BTR
SECTION 5, T3S, R5W, U.S.B.&M.
2245' FNL 821' FWL



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

ACCESS ROAD MAP	10	07	11	
	MONTH	DAY	YEAR	
SCALE: 1:100,000	DRAWN BY: C.I.		REVISED: 00-00-00	



LEGEND:

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

BILL BARRETT CORPORATION

#5-5D-35 BTR
SECTION 5, T3S, R5W, U.S.B.&M.
2245' FNL 821' FWL

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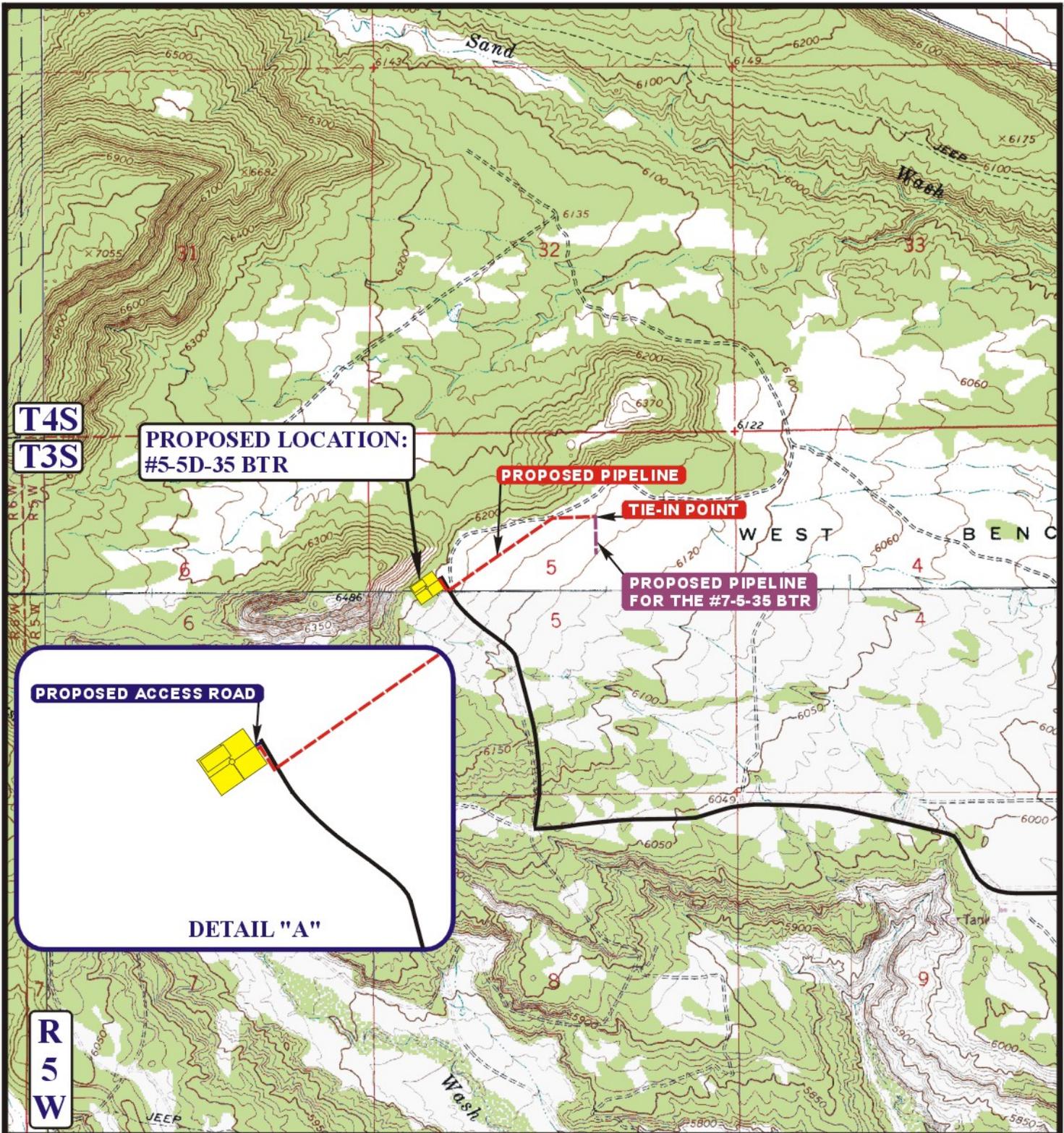


ACCESS ROAD
MAP

10	07	11
MONTH	DAY	YEAR

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

B
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 2,692' +/-

LEGEND:

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

BILL BARRETT CORPORATION

#5-5D-35 BTR
SECTION 5, T3S, R5W, U.S.B.&M.
2245' FNL 821' FWL



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TOPOGRAPHIC
MAP

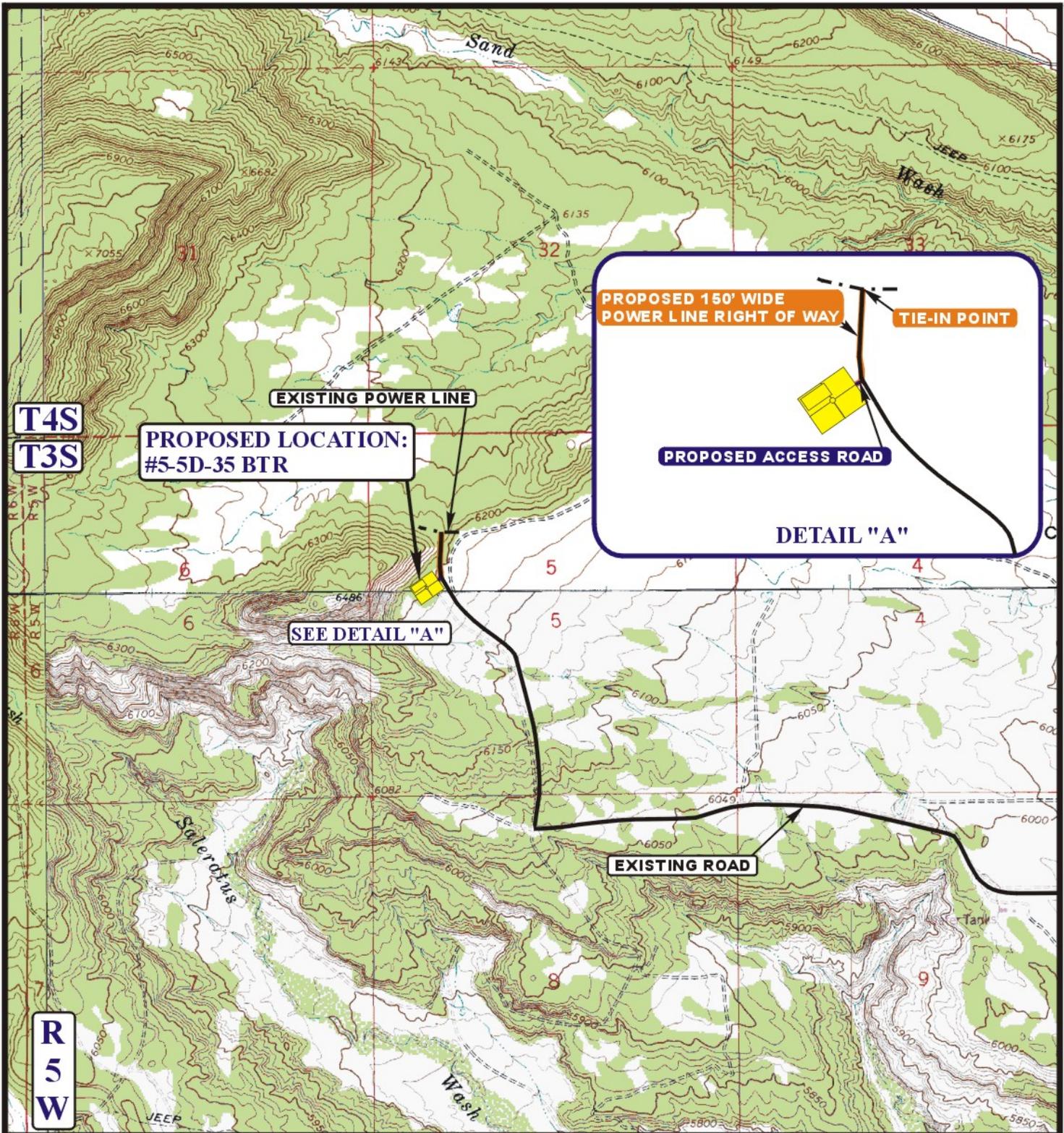
10 07 11
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: C.I.

REVISED: 00-00-00





APPROXIMATE TOTAL POWERLINE DISTANCE = 730' +/-

LEGEND:

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

BILL BARRETT CORPORATION

#5-5D-35 BTR
SECTION 5, T3S, R5W, U.S.B.&M.
2245' FNL 821' FWL



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**TOPOGRAPHIC
MAP**

10 07 11
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.I. REVISED: 00-00-00

**D
TOPO**



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

Site Latitude: 40° 15' 0.590 N
Site Longitude: 110° 28' 48.472 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: 0.65
Local North: True

WELL DETAILS: 5-5D-35 BTR

Ground Level: 6199.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	699791.86	2284664.16	40° 15' 0.590 N	110° 28' 48.472 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
5-5D-35 3PT MKR	8784.0	264.1	-13.1	40° 15' 3.200 N	110° 28' 48.641 W	Rectangle (Sides: L200.0 W200.0)
5-5D-35 PBHL	11949.0	264.1	-13.1	40° 15' 3.200 N	110° 28' 48.641 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

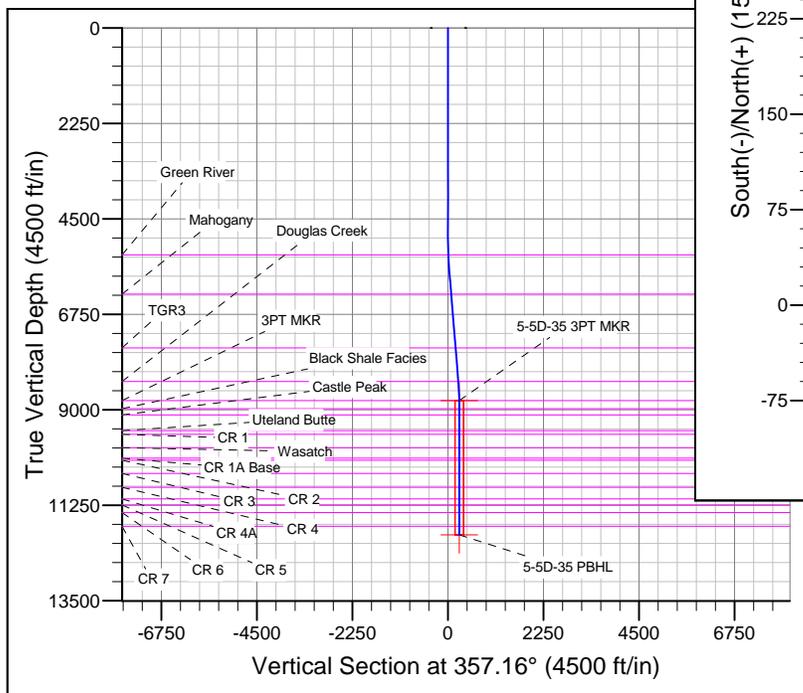
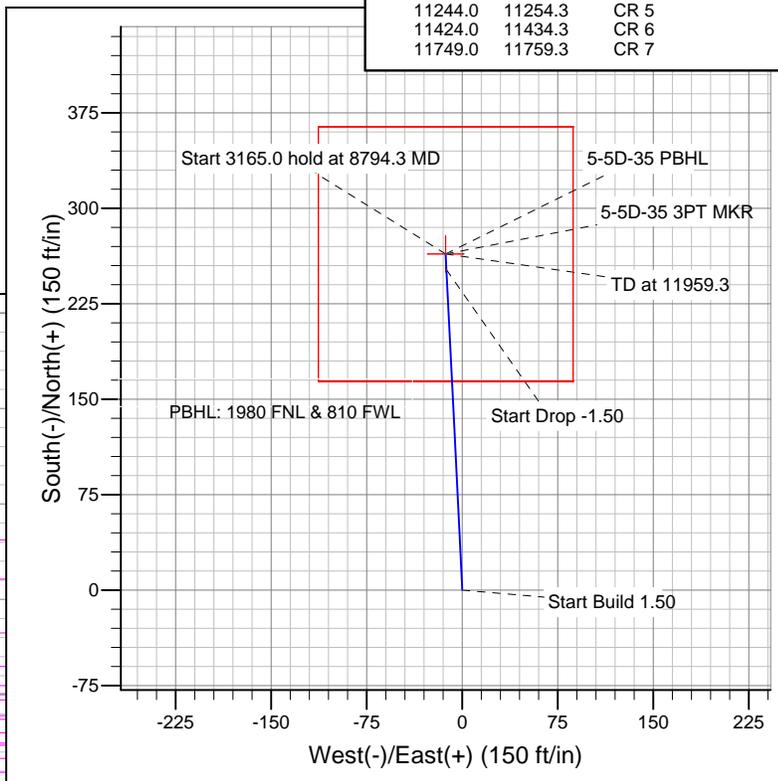
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5200.0	0.00	0.00	5200.0	0.0	0.0	0.00	0.00	0.0	
3	5507.6	4.61	357.16	5507.3	12.4	-0.6	1.50	357.16	12.4	
4	8486.7	4.61	357.16	8476.7	251.7	-12.5	0.00	0.00	252.0	
5	8794.3	0.00	0.00	8784.0	264.1	-13.1	1.50	180.00	264.4	5-5D-35 3PT MKR
6	11959.3	0.00	0.00	11949.0	264.1	-13.1	0.00	0.00	264.4	5-5D-35 PBHL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
5349.0	5349.0	Green River
6274.0	6276.8	Mahogany
7544.0	7551.0	TGR3
8334.0	8343.5	Douglas Creek
8784.0	8794.3	3PT MKR
8974.0	8984.3	Black Shale Facies
9124.0	9134.3	Castle Peak
9494.0	9504.3	Uteland Butte
9579.0	9589.3	CR 1
9894.0	9904.3	Wasatch
10139.0	10149.3	CR 1A Base
10189.0	10199.3	CR 2
10499.0	10509.3	CR 3
10829.0	10839.3	CR 4
11104.0	11114.3	CR 4A
11244.0	11254.3	CR 5
11424.0	11434.3	CR 6
11749.0	11759.3	CR 7

CASING DETAILS

No casing data is available



Azimuths to True North
 Magnetic North: 11.37°

 Magnetic Field
 Strength: 52206.9snT
 Dip Angle: 65.85°
 Date: 7/23/2012
 Model: IGRF2010

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6214.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6214.0ft (Original Well Elev)
Site:	5-5D-35 BTR	North Reference:	True
Well:	5-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-5D-35 BTR		
Design:	Design #1		

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

Site	5-5D-35 BTR				
Site Position:		Northing:	699,791.87 ft	Latitude:	40° 15' 0.590 N
From:	Lat/Long	Easting:	2,284,664.16 ft	Longitude:	110° 28' 48.472 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.65 °

Well	5-5D-35 BTR					
Well Position	+N/-S	0.0 ft	Northing:	699,791.86 ft	Latitude:	40° 15' 0.590 N
	+E/-W	0.0 ft	Easting:	2,284,664.16 ft	Longitude:	110° 28' 48.472 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,199.0 ft

Wellbore	5-5D-35 BTR				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/23/2012	11.37	65.85	52,207

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	357.16

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,507.6	4.61	357.16	5,507.3	12.4	-0.6	1.50	1.50	0.00	357.16	
8,486.7	4.61	357.16	8,476.7	251.7	-12.5	0.00	0.00	0.00	0.00	
8,794.3	0.00	0.00	8,784.0	264.1	-13.1	1.50	-1.50	0.00	180.00	5-5D-35 3PT MKR
11,959.3	0.00	0.00	11,949.0	264.1	-13.1	0.00	0.00	0.00	0.00	5-5D-35 PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6214.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6214.0ft (Original Well Elev)
Site:	5-5D-35 BTR	North Reference:	True
Well:	5-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-5D-35 BTR		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	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	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	1.50	357.16	5,300.0	1.3	-0.1	1.3	1.50	1.50	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6214.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6214.0ft (Original Well Elev)
Site:	5-5D-35 BTR	North Reference:	True
Well:	5-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-5D-35 BTR		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,349.0	2.24	357.16	5,349.0	2.9	-0.1	2.9	1.50	1.50	0.00
Green River									
5,400.0	3.00	357.16	5,399.9	5.2	-0.3	5.2	1.50	1.50	0.00
5,500.0	4.50	357.16	5,499.7	11.8	-0.6	11.8	1.50	1.50	0.00
5,507.6	4.61	357.16	5,507.3	12.4	-0.6	12.4	1.50	1.50	0.00
5,600.0	4.61	357.16	5,599.4	19.8	-1.0	19.8	0.00	0.00	0.00
5,700.0	4.61	357.16	5,699.0	27.8	-1.4	27.9	0.00	0.00	0.00
5,800.0	4.61	357.16	5,798.7	35.9	-1.8	35.9	0.00	0.00	0.00
5,900.0	4.61	357.16	5,898.4	43.9	-2.2	43.9	0.00	0.00	0.00
6,000.0	4.61	357.16	5,998.1	51.9	-2.6	52.0	0.00	0.00	0.00
6,100.0	4.61	357.16	6,097.7	60.0	-3.0	60.0	0.00	0.00	0.00
6,200.0	4.61	357.16	6,197.4	68.0	-3.4	68.1	0.00	0.00	0.00
6,276.8	4.61	357.16	6,274.0	74.2	-3.7	74.3	0.00	0.00	0.00
Mahogany									
6,300.0	4.61	357.16	6,297.1	76.0	-3.8	76.1	0.00	0.00	0.00
6,400.0	4.61	357.16	6,396.8	84.1	-4.2	84.2	0.00	0.00	0.00
6,500.0	4.61	357.16	6,496.5	92.1	-4.6	92.2	0.00	0.00	0.00
6,600.0	4.61	357.16	6,596.1	100.1	-5.0	100.3	0.00	0.00	0.00
6,700.0	4.61	357.16	6,695.8	108.2	-5.4	108.3	0.00	0.00	0.00
6,800.0	4.61	357.16	6,795.5	116.2	-5.8	116.4	0.00	0.00	0.00
6,900.0	4.61	357.16	6,895.2	124.2	-6.2	124.4	0.00	0.00	0.00
7,000.0	4.61	357.16	6,994.8	132.3	-6.6	132.4	0.00	0.00	0.00
7,100.0	4.61	357.16	7,094.5	140.3	-7.0	140.5	0.00	0.00	0.00
7,200.0	4.61	357.16	7,194.2	148.3	-7.4	148.5	0.00	0.00	0.00
7,300.0	4.61	357.16	7,293.9	156.4	-7.8	156.6	0.00	0.00	0.00
7,400.0	4.61	357.16	7,393.5	164.4	-8.2	164.6	0.00	0.00	0.00
7,500.0	4.61	357.16	7,493.2	172.5	-8.6	172.7	0.00	0.00	0.00
7,551.0	4.61	357.16	7,544.0	176.5	-8.8	176.8	0.00	0.00	0.00
TGR3									
7,600.0	4.61	357.16	7,592.9	180.5	-9.0	180.7	0.00	0.00	0.00
7,700.0	4.61	357.16	7,692.6	188.5	-9.4	188.8	0.00	0.00	0.00
7,800.0	4.61	357.16	7,792.2	196.6	-9.8	196.8	0.00	0.00	0.00
7,900.0	4.61	357.16	7,891.9	204.6	-10.2	204.8	0.00	0.00	0.00
8,000.0	4.61	357.16	7,991.6	212.6	-10.6	212.9	0.00	0.00	0.00
8,100.0	4.61	357.16	8,091.3	220.7	-11.0	220.9	0.00	0.00	0.00
8,200.0	4.61	357.16	8,190.9	228.7	-11.4	229.0	0.00	0.00	0.00
8,300.0	4.61	357.16	8,290.6	236.7	-11.8	237.0	0.00	0.00	0.00
8,343.5	4.61	357.16	8,334.0	240.2	-11.9	240.5	0.00	0.00	0.00
Douglas Creek									
8,400.0	4.61	357.16	8,390.3	244.8	-12.2	245.1	0.00	0.00	0.00
8,486.7	4.61	357.16	8,476.7	251.7	-12.5	252.0	0.00	0.00	0.00
8,500.0	4.41	357.16	8,490.0	252.8	-12.6	253.1	1.50	-1.50	0.00
8,600.0	2.91	357.16	8,589.8	259.2	-12.9	259.5	1.50	-1.50	0.00
8,700.0	1.41	357.16	8,689.7	262.9	-13.1	263.3	1.50	-1.50	0.00
8,794.3	0.00	0.00	8,784.0	264.1	-13.1	264.4	1.50	-1.50	0.00
3PT MKR - 5-5D-35 3PT MKR									
8,800.0	0.00	0.00	8,789.7	264.1	-13.1	264.4	0.00	0.00	0.00
8,900.0	0.00	0.00	8,889.7	264.1	-13.1	264.4	0.00	0.00	0.00
8,984.3	0.00	0.00	8,974.0	264.1	-13.1	264.4	0.00	0.00	0.00
Black Shale Facies									
9,000.0	0.00	0.00	8,989.7	264.1	-13.1	264.4	0.00	0.00	0.00
9,100.0	0.00	0.00	9,089.7	264.1	-13.1	264.4	0.00	0.00	0.00
9,134.3	0.00	0.00	9,124.0	264.1	-13.1	264.4	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6214.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6214.0ft (Original Well Elev)
Site:	5-5D-35 BTR	North Reference:	True
Well:	5-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-5D-35 BTR		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
Castle Peak										
9,200.0	0.00	0.00	9,189.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,289.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,389.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,489.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,504.3	0.00	0.00	9,494.0	264.1	-13.1	264.4	0.00	0.00	0.00	
Uteland Butte										
9,589.3	0.00	0.00	9,579.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 1										
9,600.0	0.00	0.00	9,589.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,689.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,789.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,889.7	264.1	-13.1	264.4	0.00	0.00	0.00	
9,904.3	0.00	0.00	9,894.0	264.1	-13.1	264.4	0.00	0.00	0.00	
Wasatch										
10,000.0	0.00	0.00	9,989.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,089.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,149.3	0.00	0.00	10,139.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 1A Base										
10,199.3	0.00	0.00	10,189.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 2										
10,200.0	0.00	0.00	10,189.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,289.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,389.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,489.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,509.3	0.00	0.00	10,499.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 3										
10,600.0	0.00	0.00	10,589.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,689.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,789.7	264.1	-13.1	264.4	0.00	0.00	0.00	
10,839.3	0.00	0.00	10,829.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 4										
10,900.0	0.00	0.00	10,889.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,000.0	0.00	0.00	10,989.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,089.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,114.3	0.00	0.00	11,104.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 4A										
11,200.0	0.00	0.00	11,189.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,254.3	0.00	0.00	11,244.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 5										
11,300.0	0.00	0.00	11,289.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,400.0	0.00	0.00	11,389.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,434.3	0.00	0.00	11,424.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 6										
11,500.0	0.00	0.00	11,489.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,600.0	0.00	0.00	11,589.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,700.0	0.00	0.00	11,689.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,759.3	0.00	0.00	11,749.0	264.1	-13.1	264.4	0.00	0.00	0.00	
CR 7										
11,800.0	0.00	0.00	11,789.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,900.0	0.00	0.00	11,889.7	264.1	-13.1	264.4	0.00	0.00	0.00	
11,959.3	0.00	0.00	11,949.0	264.1	-13.1	264.4	0.00	0.00	0.00	

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 5-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6214.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6214.0ft (Original Well Elev)
Site:	5-5D-35 BTR	North Reference:	True
Well:	5-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	5-5D-35 BTR		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5-5D-35 PBHL									

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
5,349.0	5,349.0	Green River		0.00	
6,276.8	6,274.0	Mahogany		0.00	
7,551.0	7,544.0	TGR3		0.00	
8,343.5	8,334.0	Douglas Creek		0.00	
8,794.3	8,784.0	3PT MKR		0.00	
8,984.3	8,974.0	Black Shale Facies		0.00	
9,134.3	9,124.0	Castle Peak		0.00	
9,504.3	9,494.0	Uteland Butte		0.00	
9,589.3	9,579.0	CR 1		0.00	
9,904.3	9,894.0	Wasatch		0.00	
10,149.3	10,139.0	CR 1A Base		0.00	
10,199.3	10,189.0	CR 2		0.00	
10,509.3	10,499.0	CR 3		0.00	
10,839.3	10,829.0	CR 4		0.00	
11,114.3	11,104.0	CR 4A		0.00	
11,254.3	11,244.0	CR 5		0.00	
11,434.3	11,424.0	CR 6		0.00	
11,759.3	11,749.0	CR 7		0.00	

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

This Agreement, made and entered into this the 18th day of January, 2012, by and between Martha Turner, 751 West 4250 South, Ogden, Utah 84405-3435 ("Surface Owner"), and, Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver CO 80202, ("BBC").

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases ("leases") covering and affecting Section 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 #5-5D-35 BTR at a legal drill-site location in the SW1/4NW1/4 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 SW1/4NW1/4 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 18th day of January, 2012.

GRANTORS:

BILL BARRETT CORPORATION

By: Martha Turner
Martha Turner

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

ACKNOWLEDGEMENTS

STATE OF Utah)
)
COUNTY OF Davis)

On the 23 day of July, 2012, personally appeared before me Martha Turner, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.

[Signature]

Notary Public Chae Bnl
Residing at: 1275 N Hill Field Rd
Luxton UT 84041

My Commission Expires: 12.14.15

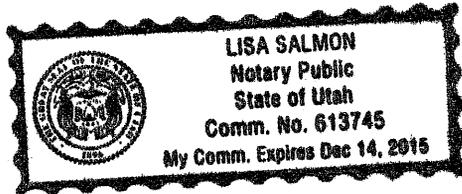
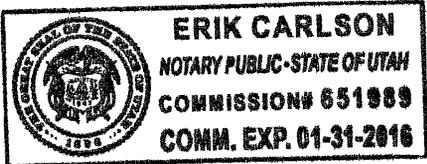
STATE OF UTAH)
)
COUNTY OF SALT LAKE)

On the 23rd day of July, 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.

[Signature]

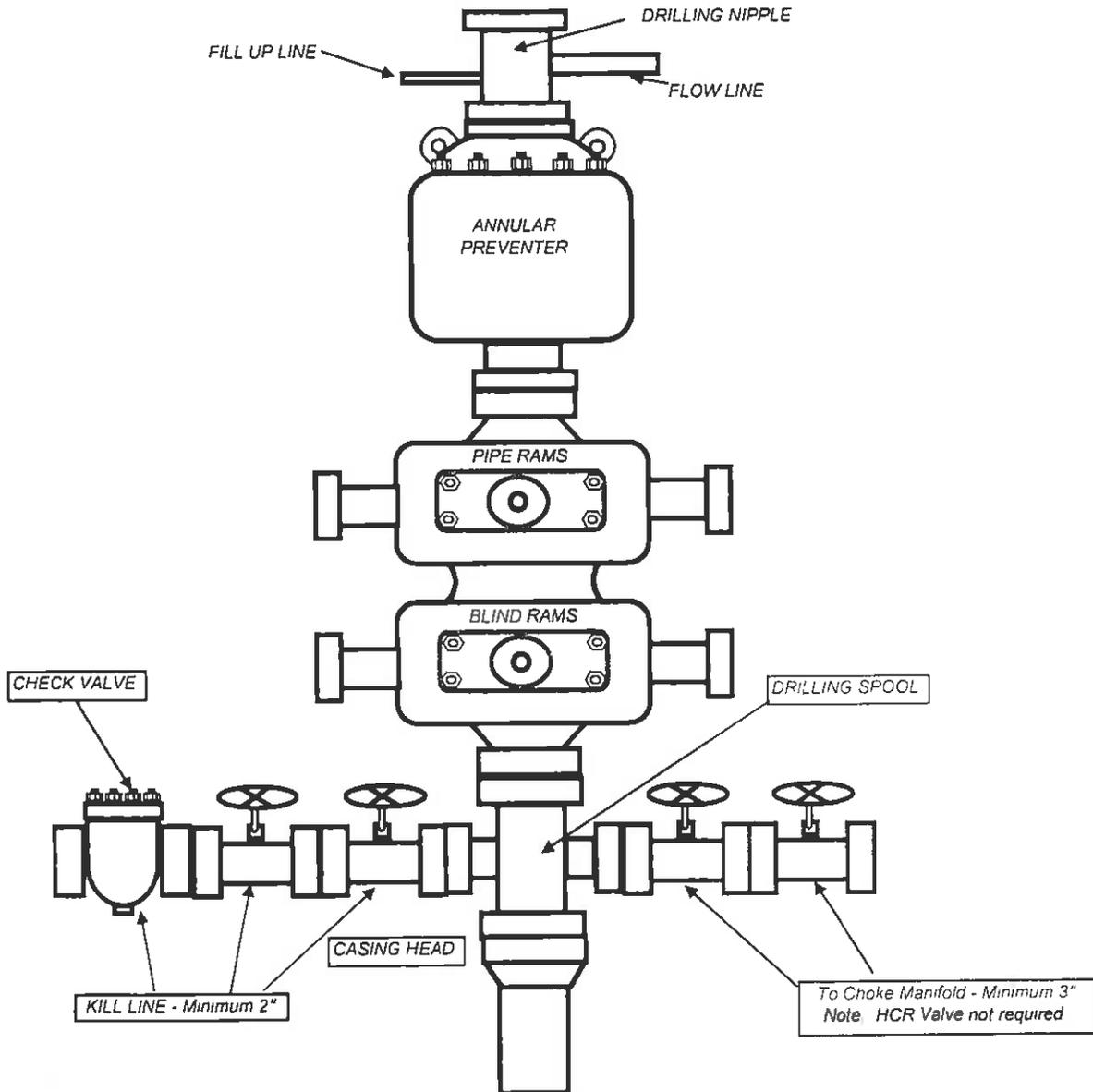
Notary Public
Residing at:

My Commission Expires: 1-31-2016



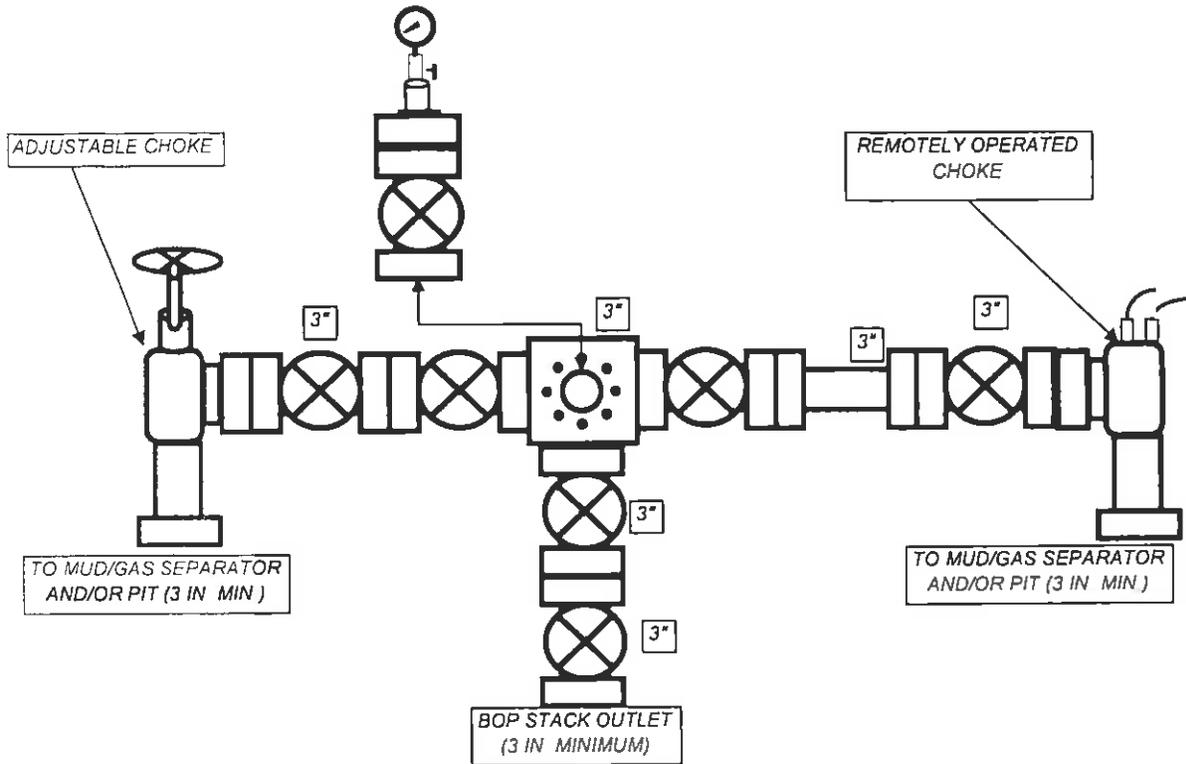
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

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





July 27, 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 #5-5D-35 BTR
Surface: 2245' FNL & 821' FWL, SWNW, 5-T3S-R5W, USM
Bottom Hole: 1980' FNL & 810' FWL SWNW, 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 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

RECEIVED: July 27, 2012

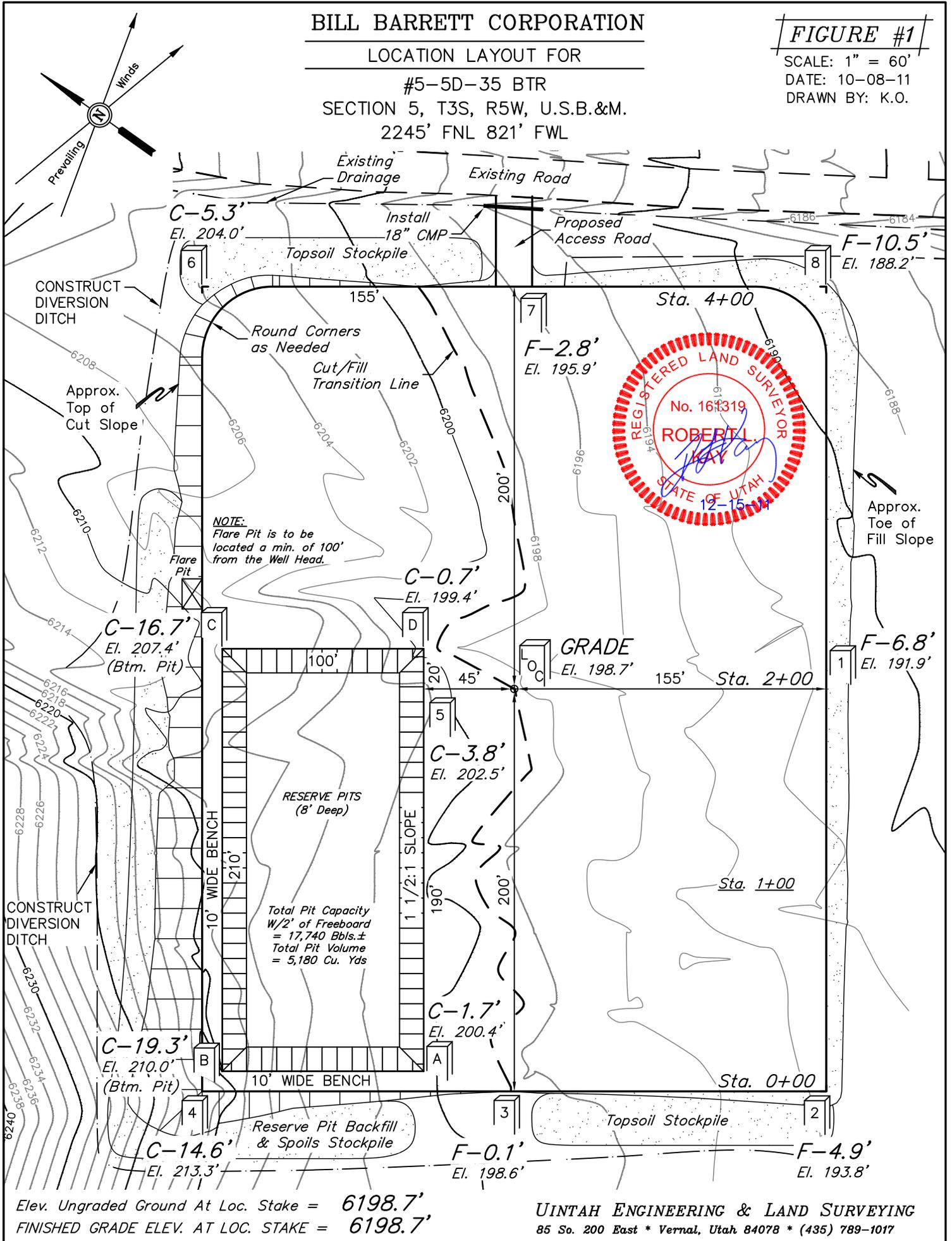
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

#5-5D-35 BTR
SECTION 5, T3S, R5W, U.S.B.&M.
2245' FNL 821' FWL

FIGURE #1

SCALE: 1" = 60'
DATE: 10-08-11
DRAWN BY: K.O.



Elev. Ungraded Ground At Loc. Stake = 6198.7'
FINISHED GRADE ELEV. AT LOC. STAKE = 6198.7'

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

RECEIVED: July 27, 2012

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

#5-5D-35 BTR

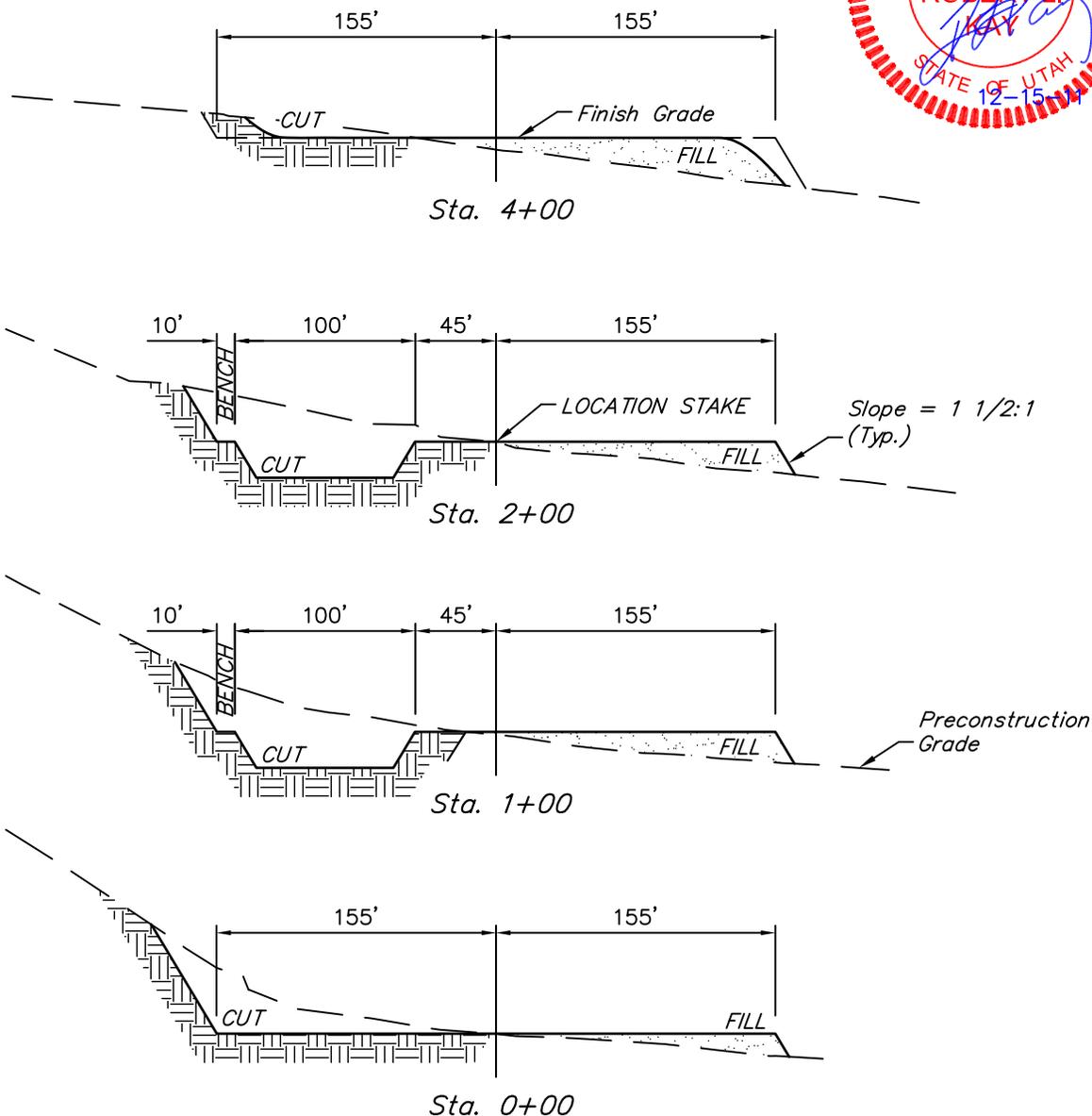
SECTION 5, T3S, R5W, U.S.B.&M.

2245' FNL 821' FWL

FIGURE #2

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

DATE: 10-08-11
DRAWN BY: K.O.



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 4.100 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.007 ACRES
PIPELINE DISTURBANCE	= ± 1.731 ACRES
TOTAL	= ± 5.838 ACRES

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 2,680 Cu. Yds.
Remaining Location	= 15,090 Cu. Yds.
TOTAL CUT	= 17,770 CU.YDS.
FILL	= 12,500 CU.YDS.

EXCESS MATERIAL	= 5,270 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,270 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

#5-5D-35 BTR

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

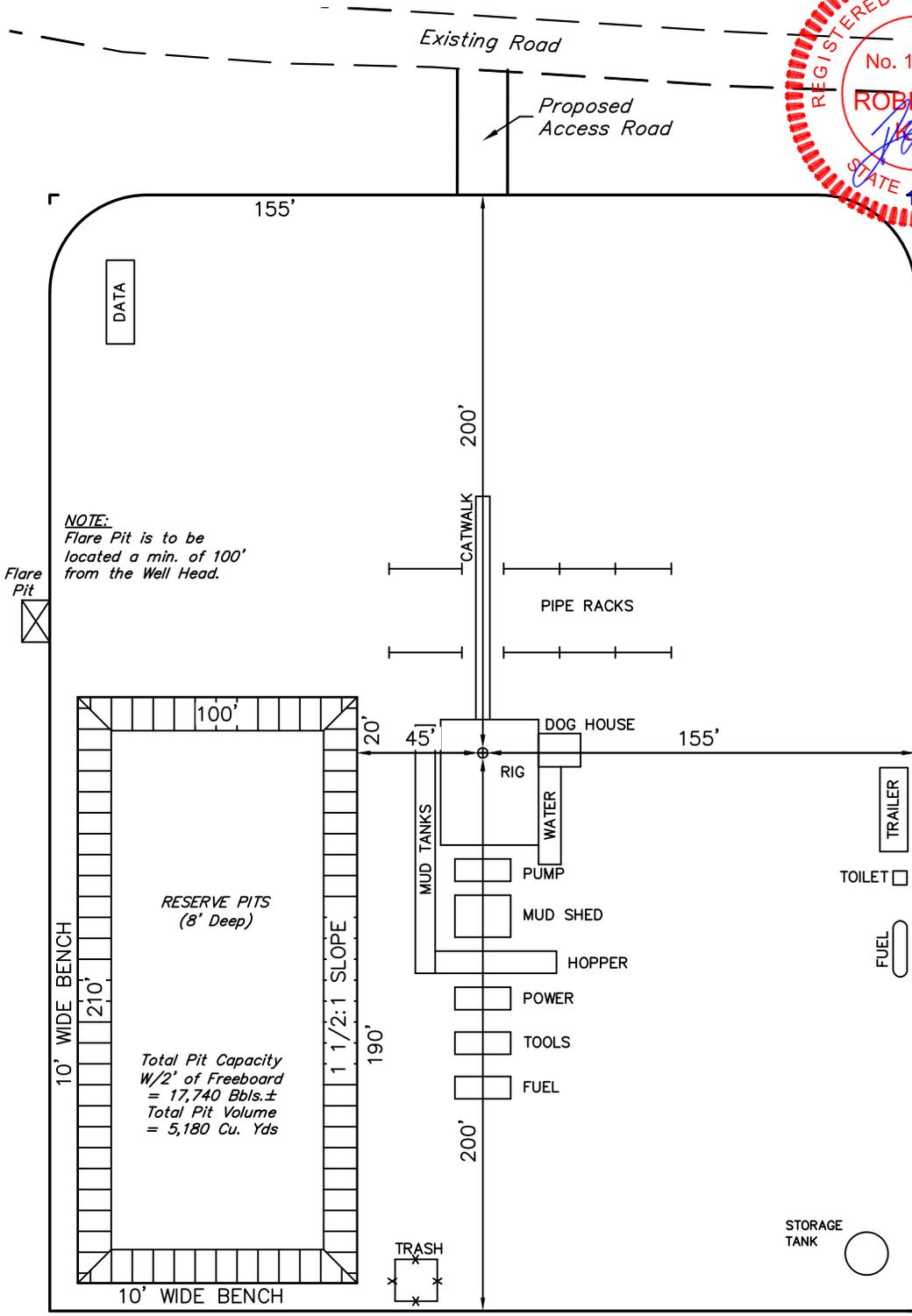
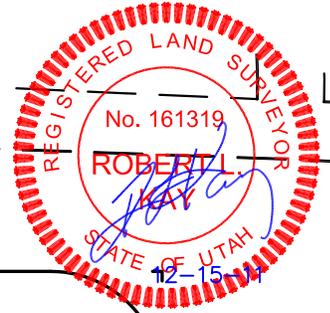
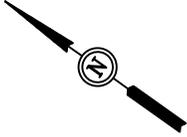
2245' FNL 821' FWL

FIGURE #3

SCALE: 1" = 60'

DATE: 10-08-11

DRAWN BY: K.O.



BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

#5-5D-35 BTR

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

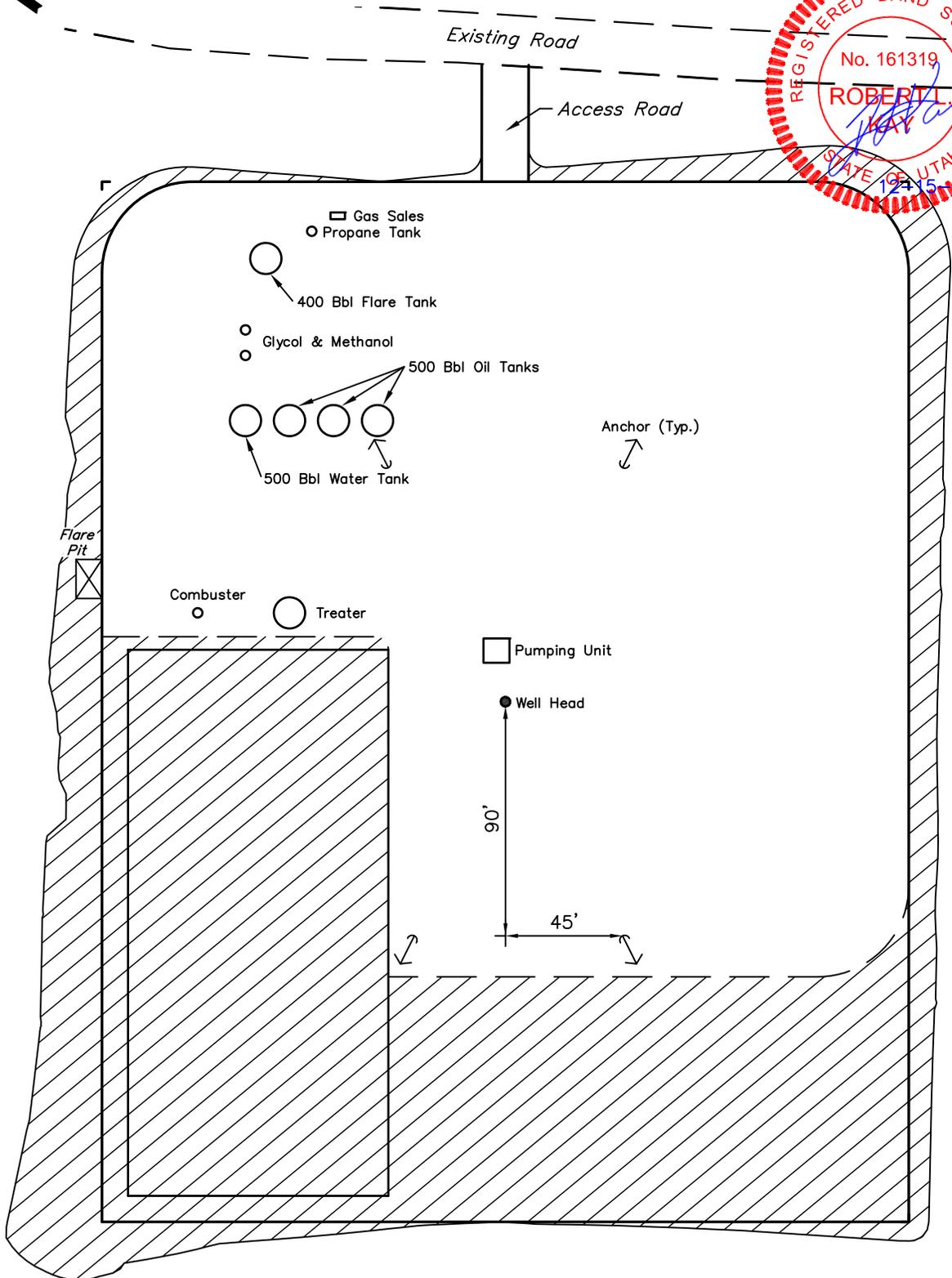
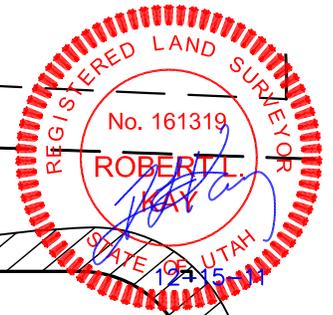
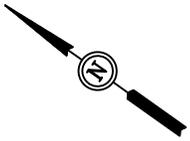
2245' FNL 821' FWL

FIGURE #4

SCALE: 1" = 60'

DATE: 10-08-11

DRAWN BY: K.O.



INTERIM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.817 ACRES

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

RECEIVED: July 27, 2012

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name 5-5D-35 BTR
API Number 43013516050000 **APD No** 6492 **Field/Unit** ALTAMONT
Location: 1/4,1/4 SWNW **Sec 5 Tw** 3.0S **Rng** 5.0W 2245 FNL 821 FWL
GPS Coord (UTM) 544152 4455651 **Surface Owner** Martha Turner

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.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.01	Width 305 Length 155	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Mahogany, pinion, juniper, galleta grass, prickly pear

Soil Type and Characteristics

sandy clay soil with some scattered rock fragments

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y

Will need diversions around both east and west ends of location

Berm Required? N

Erosion Sedimentation Control Required? N

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

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 210ft by 100ft by 8ft deep and is to 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**

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6492	43013516050000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Martha Turner	
Well Name	5-5D-35 BTR		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	SWNW 5 3S 5W U 2245 FNL (UTM) 544146E 4455641N		821 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 Martha Turner. Mrs. Turner was contacted by phone and stated that she did not wish to attend the onsite inspection and also stated that she had no concerns or special requests for this well location. The reserve pit as proposed is 210ft by 100ft 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

Category	Condition
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: 7/27/2012

API NO. ASSIGNED: 43013516050000

WELL NAME: 5-5D-35 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SWNW 05 030S 050W

Permit Tech Review:

SURFACE: 2245 FNL 0821 FWL

Engineering Review:

BOTTOM: 1980 FNL 0810 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.25006

LONGITUDE: -110.48093

UTM SURF EASTINGS: 544146.00

NORTHINGS: 4455641.00

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: 5-5D-35 BTR
API Well Number: 43013516050000
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

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. 20G0005608
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator BILL BARRETT CORPORATION Contact: VENESSA LANGMACHER E-Mail: vlangmacher@billbarrettcorp.com		7. If Unit or CA Agreement, Name and No.
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420	8. Lease Name and Well No. 5-5D-35 BTR
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNW 2245FNL 821FWL 40.250119 N Lat, 110.480842 W Lon At proposed prod. zone SWNW 1980FNL 810FWL 40.250844 N Lat, 110.480889 W Lon		9. API Well No. 43-013-51605
14. Distance in miles and direction from nearest town or post office* 10.0 MILES NORTHWEST OF DUCHESNE, UT		10. Field and Pool, or Exploratory ALTAMONT
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	11. Sec., T., R., M., or Blk. and Survey or Area Sec 5 T3S R5W Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. NONE	19. Proposed Depth 11959 MD 11949 TVD	12. County or Parish DUCHESNE
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6199 GL	22. Approximate date work will start 01/01/2013	13. State UT
20. BLM/BIA Bond No. on file LPM8874725		17. Spacing Unit dedicated to this well 80.00
23. Estimated duration 60 DAYS (D&C)		

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) VENESSA LANGMACHER Ph: 303-312-8172	Date 09/05/2012
Title SENIOR PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date MAR 01 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
MAR 22 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.

Additional Operator Remarks (see next page)

Electronic Submission #148826 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 ()

NOTICE OF APPROVAL

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

122242879AE

NOS - 7/27/12.

DOZMU



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Bill Barrett Corporation
Well No: 5-5D-35 BTR
API No: 43-013-51605

Location: SWNW, Sec. 5, T3S, R5W
Lease No: 14-20-H62-5608
Agreement: N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

Additional Stipulations:

- 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 shall 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 landowner 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 landowner (BBC).
- 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:

- A CBL shall be run from TD to TOC in the Production Casing.
- The minimum TOC for the 5.5 inch casing shall be 200 feet above the surface casing shoe.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

(from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 5-5D-35 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013516050000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/16/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	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 5/16/2013 at 9:30 am by Triple A Drilling; Rig #TA 4037, Type Soilmec SR/30. Continuous drilling is planned to commence on 6/13/2013.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 17, 2013		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 5/16/2013	



RE: SST 17 Rig Move/CORRECTION ON LOCATION

SST17 <sst17@billbarrettcorp.com>

Sun, May 19, 2013 at 10:34 PM

To: Tracey Fallang <tfallang@billbarrettcorp.com>, Brady Riley <briley@billbarrettcorp.com>, Venessa Langmacher <vlangmacher@billbarrettcorp.com>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "James_Hereford@blm.gov" <James_Hereford@blm.gov>

Ladies & Gentlemen,

Bill Barrett Corporation is moving to the 5-5D-35 BTR. This is a correction from the 15-5D-35 BTR. SWNW, Sec. 5, T3S, R5W/API#43013516050000/Lease Number FEE from 5/18/13-5/21/13.

If you have any questions please contact me.

Thank you,

Cecil E. Crow

Office 281-833-2424

Cell 970-987-4955

RECEIVED*MAY 19 2013***DIV. OF OIL, GAS & MINING**

From: SST17**Sent:** Friday, May 17, 2013 10:19 AM**To:** SST17; Tracey Fallang; Brady Riley; Venessa Langmacher; caroldaniels@utah.gov; dennisingram@utah.gov; James_Hereford@blm.gov**Subject:** SST 17 Rig Move

Ladies & Gentlemen,

Bill Barrett Corporation will be moving SST 17 to the 15-5D-35 BTR/ SWSE T3S R5W/API#4301351602/Lease Number FEE. From the 14-18D-45 BTR from 5/18/13-5/21/13.

If you have any questions please contact me.

Thank you,

Cecil E. Crow

Office 281-833-2424

Cell 970-987-4955

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 5-5D-35 BTR
Qtr/Qtr SW/NW Section 5 Township 3S Range 5W
Lease Serial Number 2OG0005608
API Number 43-013-51605

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 5/24/13 18:00 AM PM

BOPE

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

Date/Time 5/25/13 12:00 AM PM

RECEIVED

MAY 23 2013

DN. OF OIL, GAS & MINING

Remarks WE ARE SCHEDULED TO RUN SURFACE CASING & CEMENT IMMEDIATELY AFTER RUNNING CASING/EST BOPE TESTING TIME IS 12:00 HOURS ON 5/25/13.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 5-5D-35 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013516050000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2013	<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 May 2013 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 11, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/5/2013	

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 4,015.0	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	RD/MIRU/LD TOP DRIVE & TRACK, MUD TANKS, GEN SETS, UPRIGHTS, PIPE TUBS, CHOKE HOUSE, GAS BUSTER, BAR HOPPER, LAY DERRICK OVER
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 4,015.0	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	RU SUBS, MUD TANKS, PRE-MIX, PUMPS, GEN SETS, DIESAL TANKS, PUT DERRICK TOGETHER, RUN ELECTRICAL & WATER
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 4,015.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	19.00	01:00	1	RIGUP & TEARDOWN	RAISE DERRICK, PU TOP DRIVE/RU PITS, GAS BUSTER, CATWALK, FLOOR, STAND PIPE, FLARE LINES, CHOKE HOUSE, CONDUCTOR, BUILD SPUD MUD/DAY WORK @ 1:00 5/21/13
01:00	3.50	04:30	21	OPEN	PUT BHA ON RACKS/SLM, I.D., O.D., F.N.
04:30	1.50	06:00	20	DIRECTIONAL WORK	PU DIRECTIONAL TOOLS/SCRIBE, ORIENTATE/MU BIT

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 4,015.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	5	COND MUD & CIRC	BREAK CIRC. CHECK FOR LEAKS
06:30	0.50	07:00	2	DRILL ACTUAL	DRILL ACTUAL/ 98'-178'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 160
07:00	1.00	08:00	6	TRIPS	PU 8" MONEL, 3-PT REAMER, 8" D.C.
08:00	0.50	08:30	2	DRILL ACTUAL	DRILL ACTUAL/ 178'-246'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 136
08:30	0.50	09:00	6	TRIPS	PU 8" D.C., XO, 6" D.C.
09:00	0.50	09:30	2	DRILL ACTUAL	DRILL ACTUAL/ 246'-311'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 130
09:30	1.00	10:30	5	COND MUD & CIRC	CIRC
10:30	2.00	12:30	2	DRILL ACTUAL	DRILL ACTUAL/ 311'-495'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 92
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE/INSTALL ROT RUBBER
13:00	17.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 495'-2,224'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 101.70

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 4,015.0	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/ 2,224'-2,620'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 56.57
13:00	0.50	13:30	5	COND MUD & CIRC	LOST RETURNS @ 2,620' SENT SWEEPS REGAINED RETURNS
13:30	2.00	15:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,620'-2,730'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 55.0
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	0.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,730'-2,773'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 86
16:30	2.00	18:30	5	COND MUD & CIRC	LOST CIRC 2,773'/SEND SWEEPS PULL SCREENS BRING LCM UP TO 20% IN ACTIVE

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:30	11.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,773'-3,142'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 32.08

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	DRILLING	4,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,142'-3,206'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 42.66
07:30	0.50	08:00	5	COND MUD & CIRC	CIRC BTMS UP PUMP SLUG
08:00	3.50	11:30	6	TRIPS	TOOH W/ BIT #1
11:30	0.50	12:00	20	DIRECTIONAL WORK	CHANGE OUT BIT & INSPECT MUD MTR
12:00	2.00	14:00	6	TRIPS	TIH W/ BIT #2
14:00	13.00	03:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,206'-3,606'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 30.76
03:00	3.00	06:00	6	TRIPS	TOOH W/BIT #2 F/MUD MTR

5-5D-35 BTR 5/24/2013 06:00 - 5/25/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	DRILLING	4,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	6	TRIPS	TOOH W/ BIT #2 F/MUD MOTOR
07:00	0.50	07:30	20	DIRECTIONAL WORK	XO MUD MOTOR/SCRIBE & ORIENTATE
07:30	3.00	10:30	6	TRIPS	TIH W/ BHA #3
10:30	4.50	15:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,606'-3,773'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 37.11
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	7.00	22:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,773'-4,015'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 34.57
22:30	0.50	23:00	5	COND MUD & CIRC	CIRC SWEEP TO SURFACE
23:00	0.50	23:30	6	TRIPS	WIPER TRIP
23:30	1.00	00:30	5	COND MUD & CIRC	CIRC SWEEP TO SURFACE
00:30	2.00	02:30	6	TRIPS	TOOH W/ BHA #3
02:30	1.50	04:00	20	DIRECTIONAL WORK	LD ALL 8" DIR. TOOLS
04:00	2.00	06:00	12	RUN CASING & CEMENT	RU CASING CREW/HELD SAFETY MEETING/RUN 9-5/8" 36# J-55 STC Rng3 SURFACE CASING

5-5D-35 BTR 5/25/2013 06:00 - 5/26/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	DRILLING	4,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	12	RUN CASING & CEMENT	RUN 9 5/8 CSG - CSG SET @ 4011'
12:30	0.50	13:00	5	COND MUD & CIRC	CIRC
13:00	4.00	17:00	12	RUN CASING & CEMENT	S/M - R/U CEMENTERS - TEST LINES @ 5000 PSI, PUMP 20 BBLS WATER, 40 BBLS SUPERFLUSH, 20 BBLS WATER, 394 BBLS 700 SKS 11.0 PPG 3.16 YIELD LEAD CEMENT MIXED @ 19.48 GAL/SK, 58 BBLS 245 SKS 14.8 PPG, 1.33 YIELD TAIL CEMENT MIXED @ 6.31 GAL/SK, SHUT DOWN DROP PLUG & DISPLACE W/307.3 BBLS WATER, FINAL LIFT PRESSURE (380 PSI) BUMM PLUG W/ (900 PSI) - FLOATS HELD - NO RETURNS DURING JOB
17:00	2.00	19:00	13	WAIT ON CEMENT	WOC
19:00	1.00	20:00	12	RUN CASING & CEMENT	PUMP 40 BBLS 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
20:00	1.50	21:30	13	WAIT ON CEMENT	WOC
21:30	0.50	22:00	12	RUN CASING & CEMENT	PUMP 36 BBLS 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
22:00	2.00	00:00	13	WAIT ON CEMENT	WOC
00:00	0.50	00:30	12	RUN CASING & CEMENT	PUMP 36 BBLS 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
00:30	1.50	02:00	13	WAIT ON CEMENT	WOC

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
02:00	0.50	02:30	12	RUN CASING & CEMENT	PUMP 36 BBLs 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
02:30	2.00	04:30	13	WAIT ON CEMENT	WOC
04:30	1.50	06:00	21	OPEN	CUT OFF CSG R/D CONDUCTOR - WELD ON WELL HEAD

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	DRILLING	4,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	21	OPEN	WELD ON WELL HEAD
08:00	2.00	10:00	14	NIPPLE UP B.O.P	NIPPLE UP BOP
10:00	4.50	14:30	15	TEST B.O.P	R/U TESTER & TEST BOP - PIPE RAMS, BLIND RAMS, HCR INSIDE CHOKE VALVES, CHOKE MANIFOLD, OYTSIDE VALVES, KILL LINE, FOSV, INSIDE BOP, UPPER KELLY, LOWER KELLY ALL @ 10MIN 5000 PSI HIGH 5MIN 250 PSI LOW, ANNULAR @ 10MIN 2500 PSI HIGH 5MIN 250 PSI LOW, CSG @ 30MIN 1500 PSI - R/D TESTER
14:30	0.50	15:00	21	OPEN	SET WEAR BUSHING
15:00	1.00	16:00	20	DIRECTIONAL WORK	P/U MUD MOTOR - M/U BIT - P/U DIR TOOLS - LOAD MWD TOOL & OREINT SAME
16:00	2.00	18:00	6	TRIPS	T.I.H.
18:00	0.50	18:30	5	COND MUD & CIRC	BREAK CIRC
18:30	1.00	19:30	2	DRILL ACTUAL	DRLG CEMENT & FLOAT EQUIPMENT W/320 GPM, 30 RPM, & 6-10K WT ON BIT
19:30	0.50	20:00	2	DRILL ACTUAL	W/320 GPM, 30 RPM, 10K WT ON BIT, 100-175 DIFF PRESS
20:00	2.00	22:00	21	OPEN	P/U INTO CSG - WAITING ON PASON TO REPLACE DOG HOUSE
22:00	1.00	23:00	21	OPEN	EMW TO 10.5 W/ 8.5 PPG WUD WT - SPOT LCM PILL - CLOSE ANNULAR & USE BOP TESTER PUMP TO BRING PRESSURE TO 420 PSI UNABLE TO TO REACH DESIRED PRESSURE MAX PRESSURE 325 PSI BLED OFF TO 125 PSI=9.2 PPG EMW
23:00	7.00	06:00	2	DRILL ACTUAL	W/550 GPM, 55 RPM, 16K WT ON BIT, 150-250 DIFF PRESS 3K TQ

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	DRILLING	4,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	W/480 GPM, 50 RPM, 18K WT ON BIT, 200-450 DIFF PRESS 5K TQ
14:00	0.50	14:30	7	LUBRICATE RIG	RIGF SERVICE
14:30	15.00	05:30	2	DRILL ACTUAL	W/420 GPM, 50 RPM, 21K WT ON BIT, 150-300 DIFF PRESS, 5K TQ
05:30	0.50	06:00	5	COND MUD & CIRC	CIRC - BUILD SLUG FOR T.O.O.H.

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	DRILLING	4,015.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	T.O.O.H. F/5975' T/0'
09:30	1.00	10:30	20	DIRECTIONAL WORK	BREAK BIT - L/D MUD MOTOR - P/U NE MD MOTOR - M/U BIT - OREINT MWD TOOL
10:30	1.50	12:00	6	TRIPS	T.I.H. F/0' T/4000'
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	5.50	18:00	8	REPAIR RIG	DOWN TIME WORKING ON SCR/VFD ELECTRICAL POWER SHARING ISSUE
18:00	0.50	18:30	6	TRIPS	T.I.H.
18:30	8.50	03:00	2	DRILL ACTUAL	W/500 GPM, 55 RPM, 20K WT ON BIT, 100-300 DIFF PRESS, 6K TQ
03:00	1.00	04:00	5	COND MUD & CIRC	CIRC - BUILD SLUG
04:00	2.00	06:00	6	TRIPS	T.O.O.H. F/6348' T/1000' - TRIPPING FOR LARGER BEND MUD MOTOR (UNABLE TO GET BUILD RATES WITH CURRENT MUD MOTOR)

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	DRILLING	4,015.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	7	LUBRICATE RIG	RIG SERVICE
06:30	1.00	07:30	20	DIRECTIONAL WORK	L/D MUD MOTOR - P/U NEW MUD MOTOR & ADJUST TO 1.83*
07:30	3.50	11:00	6	TRIPS	T.I.H. F/0' T/6348'
11:00	19.00	06:00	2	DRILL ACTUAL	W/500 GPM, 40 RPM, 20K WT ON BIT, 140-325 DIFF PRESS, 9K TQ

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 5-5D-35 BTR
Qtr/Qtr SW/NW Section 5 Township 3S Range 5W
Lease Serial Number 2OG0005608
API Number 43-013-51605

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 6/5/13 9:00 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

JUN 24 2013

DIV. OF OIL, GAS & MINING

Remarks WE WILL BE CEMENTING PRODUCTION CSG AROUND
0800 HRS 6/6/13 PLEASE CALL WITH ANY QUESTIONS OR
CONCERNS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 5-5D-35 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013516050000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/30/2013	<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 June 2013 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 11, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 7/9/2013	



Time Log

5-5D-35 BTR 6/1/2013 06:00 - 6/2/2013 06:00

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	W/415 GPM, 50 RPM, 26K WT ON BIT
14:30	0.50	15:00	5	COND MUD & CIRC	CIRC B/U
15:00	3.50	18:30	6	TRIPS	T.O.O.H. F/10159' T/0'
18:30	5.00	23:30	6	TRIPS	CHANGE OUT BIT - T.I.H. F/0' T/10159'
23:30	6.50	06:00	2	DRILL ACTUAL	W/410 GPM, 45 RPM, 18K WT ON BIT, 100-250 DIFF PRESS, 10K TQ

**5-5D-35 BTR 6/2/2013 06:00 - 6/3/2013 06:00**

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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	W/375 GPM, 45 RPM, 26K WT ON BIT, 80-250 DIFF PRESS, 11K TQ
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	8.00	21:30	2	DRILL ACTUAL	W/ 375 GPM, 45 RPM, 30K WT ON BIT, 100-275 DIFF PRESS, 12K TQ
21:30	2.50	00:00	5	COND MUD & CIRC	CIRC GAS OUT (6000 UNITS WHILE ON THE GAS BUSTER) - RAISE MUD WT FROM 10.6 TO 11.3
00:00	6.00	06:00	2	DRILL ACTUAL	W/ 350 GPM, 45 RPM, 30K WT ON BIT, 125-250 DIFF PRESS

5-5D-35 BTR 6/3/2013 06:00 - 6/4/2013 06:00

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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	W/350 GPM, 45 RPM, 30K WT ON BIT, 100-275 DIFF PRESS, 12K TQ
12:30	0.50	13:00	5	COND MUD & CIRC	CIRC B/U
13:00	6.00	19:00	6	TRIPS	T.O.O.H. F/11250' T/0' (MUD MOTOR FAILURE) - PUMP OUT FIRST 5 STANDS
19:00	0.50	19:30	20	DIRECTIONAL WORK	L/D MUD MOTOR - P/U NEW MOTOR - M/U BIT & OREINT MWD TOOL
19:30	0.50	20:00	6	TRIPS	T.I.H. F/0' T/575'
20:00	1.00	21:00	8	REPAIR RIG	REPAIR HYD HOSE ON PIPE SPINNERS
21:00	5.50	02:30	6	TRIPS	T.I.H. F/575' T/11250' - BREAK CIRC EVERY 2000'
02:30	3.50	06:00	2	DRILL ACTUAL	W/380 GPM, 60 RPM, 22K WT ON BIT, 150-225 DIFF PRESS, 10K TQ

5-5D-35 BTR 6/4/2013 06:00 - 6/5/2013 06:00

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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/380 GPM, 60 RPM, 22K WT ON BIT, 50-150 DIFF PRESS, 11K TQ
09:00	0.50	09:30	7	LUBRICATE RIG	RIG SERVICE
09:30	6.50	16:00	2	DRILL ACTUAL	W/380 GPM, 80 RPM, 24K WT ON BIT, 100-175 DIFF PRESS, 11K TQ
16:00	2.00	18:00	5	COND MUD & CIRC	CIRC - PUMP TWO HIGH VIS SWEEPS
18:00	1.00	19:00	6	TRIPS	WIPER TRIP F/11573' T/10500'
19:00	2.00	21:00	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP
21:00	6.50	03:30	6	TRIPS	T.O.O.H. F/11573' T/0'
03:30	1.00	04:30	20	DIRECTIONAL WORK	L/D DIR TOOLS
04:30	1.50	06:00	11	WIRELINE LOGS	S/M - R/U LOGGERS & LOG

5-5D-35 BTR 6/5/2013 06:00 - 6/6/2013 06:00

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	11	WIRELINE LOGS	OH LOGS
13:30	1.00	14:30	6	TRIPS	TIH W/CLEAN UP BIT
14:30	1.00	15:30	9	CUT OFF DRILL LINE	CUT & SLIP 143' DRLG LINE
15:30	2.50	18:00	6	TRIPS	TOOH PACKED OFF FLOAT
18:00	2.00	20:00	6	TRIPS	TIH CIRC 4,000' & 8,000'
20:00	0.50	20:30	7	LUBRICATE RIG	RIG SERVICE
20:30	3.50	00:00	6	TRIPS	TIH WASH LAST 220' TO BTM
00:00	2.50	02:30	5	COND MUD & CIRC	CIRC SWEEPS TO SURFACE/BUILD SLUG/CHANKE OUT BAILS/RU LD TRUCK
02:30	3.50	06:00	6	TRIPS	HELD SAFETY MEETING/ LD DP

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	6	TRIPS	LD DP, HWDP, D.C.
11:00	0.50	11:30	21	OPEN	PULL WEAR BUSHING

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:30	9.50	21:00	12	RUN CASING & CEMENT	HELD SAFETY MEETING/RU CASING CREW/RUN 263 JTS 11,568.59' 5-1/2 P-110 17# 8RD LT&C Rng3 PROD CSG, SHOE @ 11,565'/RD CASING CREW
21:00	5.00	02:00	5	COND MUD & CIRC	CIRCULATE AND WAIT ON HALLIBURTON
02:00	3.50	05:30	12	RUN CASING & CEMENT	RU HALLIBURTON/1ST STAGE TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBL SUPER FLUSH/ 10 BBL H2O SPACER/ 140 SKS 48.87 BBL 274.39 CU/FT 12.5PPG 1.96 YEILD 10.45 GAL/SK/800 SKS 178.1BBL 1000.0 CU/FT 14.2PPG 1.25 YEILD 5.37 GAL/SK DISPLACE 266.27 BBL DISPLACEMENT MUD, FINAL LIFT 1,586,PSI, BUMP PLUG @ 2,500 PSI HELD 3-MIN.FLOATS HELD/DROP BOMB/GOOD RETURNS THROUGH 1ST STAGE
05:30	0.50	06:00	13	WAIT ON CEMENT	WOC

5-5D-35 BTR 6/7/2013 06:00 - 6/7/2013 18:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	13	WAIT ON CEMENT	WOC/WAIT ON BOMB/PUMP ON CASING STRING THROUGH DV TOOL/ NO RETURNS/PUMP 40 SPM UNTIL 08:45 4-HOURS FROM BUMPING 1ST STAGE PLUG/350 LIFT PSI INCREASED FROM 81 PSI
09:00	4.00	13:00	12	RUN CASING & CEMENT	2ND STAGE TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBL SUPER FLUSH/ 10 BBL H2O SPACER/ 915 SKS 319.40 BBL 1,793.37 CU/FT 12.5PPG 1.96 YEILD 10.48 GAL/SK/ 145 SKS 30.2BBL 169.56 CU/FT 15.6PPG 1.17 YEILD 5.17 GAL/SK DISPLACE 162.76 BBL B2O W/BIOCIDE DISPLACEMENT FLUID, FINAL LIFT 1,350 PSI, BUMP PLUG @ 3,400 PSI HELD 3-MIN.FLOATS HELD. NO RETURNS THROUGH 2ND STAGE/RD HALLIBURTON
13:00	2.50	15:30	14	NIPPLE UP B.O.P	PUMPED 5-BBLS ON BACK SIDE OF WELLHEAD AND ESTABLISH RETURNS/FLUSH STACK AND FLOW LINE/FLUID LEVEL DID NOT DROP/ND BOP PU 235K AFTER 1ST STAGE/ SET SLIPS @ 210K 10K OVER ST. WT. AFTER 2ND STAGE/INSTALL NIGHT CAP
15:30	2.50	18:00	21	OPEN	CLEAN PITS AND PREP FOR RIG MOVE/RELEASE RIG @ 18:00 ON 6/7/13

5-5D-35 BTR 6/12/2013 06:00 - 6/13/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,573.0	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	3.00	10:00	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.
10:00	20.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.

5-5D-35 BTR 6/19/2013 06:00 - 6/20/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. JSA
07:00	3.00	10:00	SRIG	Rig Up/Down	RUSU. ND 7" 5K NIGHT CAP. NU 7" 5K BOP AND STRIPPING HEAD. RU FLOOR. RU PUMP
10:00	2.00	12:00	DTIM	Downtime	SPOT HYD WALK. WAIT ON AND SPOT PIPE RACKS.
12:00	1.50	13:30	GOP	General Operations	UNLOAD 373-JTS 2-7/8" L-80 TBG.
13:30	4.00	17:30	RUTB	Run Tubing	MU 4-3/4" BIT, BIT SUB, 1-JT, 2.31 XN. RIH AS MEAS AND PU 222-JTS 2-7/8" L-80 TBG. TAG AT 7037'. LD-1JT.
17:30	0.50	18:00	GOP	General Operations	RU PWR SWIVEL. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

5-5D-35 BTR 6/20/2013 06:00 - 6/21/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516050000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	1.00	08:00	GOP	General Operations	RU PWR SWIVEL. PU 21 JT. EST REV CIRC. PRES TEST LINES, BOP TO 2500 PSI. GOOD
08:00	2.00	10:00	CLN	Clean Out Hole	TAG AND CLEAN FILL TO DV TOOL (SLM AT 7051'). D/O DV TOOL. CIRC CLEAN. RD PWR SWIVEL.
10:00	6.00	16:00	CLN	Clean Out Hole	RIH AS STOP AND REV CIRC OUT DRLG MUD SEVERAL TIMES TO TAG AT 11,421'.
16:00	1.45	17:27	CLN	Clean Out Hole	RU PWR SWIVEL. AS ATTEMPT TO GET CIRC STRIPPING HEAD RUBBER GAVE UP. NO SPARES. SHUT PIPE RAMS AND REV CIRC CLEAN.
17:27	0.25	17:42	GOP	General Operations	PULL STRIPPING HEAD RUBBER. SECURE WELL FOR NIGHT.
17:42	12.00	05:42	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

5-5D-35 BTR 6/21/2013 06:00 - 6/22/2013 06:00

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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. JSA.
07:00	2.00	09:00	CLN	Clean Out Hole	INSTALL SH RUBBER. EST REV CIRC. C/O FROM 11,421' TO 11,470' (SLM) TAGGING FC W/ 362-JTS IN. CIRC CLEAN
09:00	7.50	16:30	PULT	Pull Tubing	PRES TEST CSG TO 2500 PSI. GOOD. RD PWR SWIVEL. POOH AS LD TBG. LD XN NIPPLE, 1-JT, BIT SUB, AND BIT.
16:30	1.00	17:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU NIGHT CAP. MOVE PIPE RACKS AND CATWALK. FILL CSG. RACK OUT EQUIP. CLEAN LOC. TO WINDY TO RDSU.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

5-5D-35 BTR 6/22/2013 06:00 - 6/23/2013 06:00

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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 Shut In And Secured.
07:00	2.00	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	7.00	16:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 11,464', Drilling Report Shows FC At 11,474', 10' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 10,464', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 06-05-2013. Run Repeat Section From 11,464 - 11,200', Log Up Hole. Showed Ratty Bond From TD To 11,150, 11,150 - 11,050' Ok, 11,050 - 9,860 Ok To Ratty, 9,860 - 9,250' Good, 9,250 - 7,150' Ratty, 7,150 - 6,300' Ok, 6,300 - 4,350' Ratty. TOC 4,350'. Found Short Joints At 10,868 - 10,890, 9,921 - 9,941 And 8,568 - 8,590'. Ran With Pressure. Pooh, RD Equipment, MOL.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

5-5D-35 BTR 6/26/2013 06:00 - 6/27/2013 06:00

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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	FINISH SETTING FRAC LINE. BEGIN FILLING FRAC LINE. INSTALL BACKSIDE MANIFOLD AND HANDRAILS

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	PTST	Pressure Test	HSM. CHECK PRESSURE. ND NIGHT CAP. NU FRAC MANDREL AND TEST VOILD. NU FRAC VALVES AND HEAD. HOOK UP FLB EQUIP. PRES TEST FB EQUIP. PRES TEST CSG AND VALVES. PRESSURE GOT TO 7000 PSI THEN LOST PRESSURE. BLEED DOWN TO 2400 PSI. PRESSURE BACK UP AND WOULD PUMP INTO AT 5700 PSI. BLEED OFF AND ND FRAC STACK.
14:00	4.50	18:30	SRIG	Rig Up/Down	MIRU STONE RIG 10. N/U BOP. R/U FLOOR & EQUIPMENT. SPOT EQUIP AND MOVE TBG. SDFN.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	PTST	Pressure Test	HSM. CHECK PRESSURE. ND NIGHT CAP. NU FRAC MANDREL AND TEST VOILD. NU FRAC VALVES AND HEAD. HOOK UP FLB EQUIP. PRES TEST FB EQUIP. PRES TEST CSG AND VALVES. PRESSURE GOT TO 7000 PSI THEN LOST PRESSURE. BLED DOWN TO 2400 PSI. PRESSURE BACK UP AND WOULD PUMP INTO AT 5700 PSI. BLEED OFF AND ND FRAC STACK.
15:00	4.00	19:00	RMOV	Rig Move	MIRU. NU 7" 5K BOP. RU FLOOR. SPOT HYD WALK AND RACKS. MOVE TBG. SDFN
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.
07:00	2.50	09:30	RUTB	Run Tubing	P/U 5-1/2 ARROW SET PKR. RIH P/U 2-7/8 TBG TO 2999'. SET PKR. SET GOOD. RELEASE TAC, WOULD NOT GO DOWN HOLE.
09:30	1.50	11:00	PULT	Pull Tubing	POOH W/ PKR.
11:00	4.50	15:30	RUTB	Run Tubing	RIH W/ HD 5-1/2 PKR P/U TBG TO 7210'. SET PKR.
15:30	2.00	17:30	PTST	Pressure Test	TEST CSG TO 2000 PSI FOR 15 MINS, LOST 1050 PSI. TEST TBG TO 8400 PSI, CSG BUILD UP TO 3000 PSI. COMMUNICATING BY PKR. SET PKR @ 7178'. TEST TBG TO 4000 PSI, COMMUNICATING BY PKR.
17:30	2.00	19:30	PULT	Pull Tubing	POOH W/ PKR. TEST CSG TO 3000 PSI, LOST 250 PSI IN 15 MIN. SDFN.
19:30	10.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608																														
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:																														
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 5-5D-35 BTR																														
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013516050000																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION	TYPE OF ACTION																															
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> 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	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<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 July 2013 Drilling Activity for this well.																																
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 08, 2013																																
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst																														
SIGNATURE N/A	DATE 8/5/2013																															



Time Log

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.
07:00	2.00	09:00	RUTB	Run Tubing	RIH W/ NOTCH COLLAR & 222 JTS 2-7/8 TBG. LAND TBG @ 7057.38.
09:00	1.00	10:00	IWHD	Install Wellhead	N/D BOP. N/U WELLHEAD. SWIFN.
10:00	20.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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	CTRL	Crew Travel	NABORS MONTHLY SAFETY MTG. CREW TRAVEL
08:00	0.50	08:30	SMTG	Safety Meeting	HSM. START AND FUEL EQUIP. SPOT IN RIG
08:30	1.00	09:30	SRIG	Rig Up/Down	RUSU.
09:30	1.50	11:00	BOPI	Install BOP's	ND WH. NU BOP. RU FLOOR.
11:00	2.50	13:30	PULT	Pull Tubing	SLM AS POOH W/ 222 JTS TBG.
13:30	2.25	15:45	RUTB	Run Tubing	MU 5-1/2" CSG SCRAPPER AND RIH W/ 222 JTS. PU 2 JTS. EOT AT 7110'. WORK CSG SCRAPPER THRU DV TOOL AND CSG. CLEAN.
15:45	2.25	18:00	PULT	Pull Tubing	LD 2 JTS AND POOH W/ 222 JTS. LD SCRAPPER. SECURE WELL.
18:00	1.00	19:00	GOP	General Operations	MU PUMP LINES. MAINTAINENCE ON RIG.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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
07:00	0.50	07:30	SMTG	Safety Meeting	JSA AND HSM WITH SALTEL ON PATCH PROCEEDURE.
07:30	2.00	09:30	GOP	General Operations	MU SALTEL 5-1/2" PATCH AND SETTING TOOL. RU FILL UP LINE. MU ON 2-JTS, 6' TBG SUB, AND 2 JTS. FILL AND PRES TEST TBG WITH SALTEL.
09:30	6.00	15:30	RUTB	Run Tubing	RIH W/ PATCH AND TBG, FILLING EVERY OTHER STD. PRES TEST 1/2 WAY IN HOLE. HAVE 220-JTS ABOVE 6' TBG SUB.
15:30	2.50	18:00	WLWK	Wireline	RU SLB EWL AND RIH. CORRELATE GR TO GET PATCH DEPTH WITH 6' TBG SUB AT 6975'. POOH AND RD SLB EWL.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	5.00	23:00	GOP	General Operations	PU 1-JT. FILL TBG. MU SALTEL LINE. SPOT PATCH ON DEPTH OF 7050'-7069'. (HAVING PROBLEMS WITH SALTEL PUMP/COMPUTER SYSTEM). PRES TEST TBG. RUPTURE BURST DISK AND SET PATCH WITH 5-SETTING. MOVE TBG TO VERIFY PATCH AS INSTRUCTED BY SALTEL. FINISH SETTING PATCH IN 7 MORE SETTINGS. RUN TOOLS (HAS 4.38" GR ON TOOLS) THRU PATCH. LD 3 JTS. SDFN
23:00	7.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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	CTRL	Crew Travel	CREW HAD 8 HR OFF. CREW TRAVEL. HSM. PROCEEDURE FOR PULLING SALTEL TOOLS.
09:00	3.00	12:00	PULT	Pull Tubing	POOH W/ 220-JTS 2-7/8" L-80 TBG. PULLING 60 FPM AND FILLING HOLE AS PULLING.
12:00	1.00	13:00	GOP	General Operations	BREAK DOWN SALTEL TOOLS AND RACK OUT SAME.
13:00	1.00	14:00	DTIM	Downtime	WAIT FOR FRONTIER ENERGY. (STUCK IN ROAD CONSTRUCTION.)
14:00	2.00	16:00	PTST	Pressure Test	RU FRONTIER. PRES TEST CSG TO 4300 PSI. LOST 120 PSI IN 15 MIN. BLEED OFF AT 200 PSI PER MIN AS PER SALTEL.
16:00	2.00	18:00	WLWK	Wireline	RU SLB AND RUN 4.0" GR/JB. THRU PATCH AT 7050'-69' CLEAN. RUN DOWN AND TAG PBSD AT 11,464'. POOH. RD WIRELINE. FILL CSG. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

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

API/UWI 43013516050000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.
07:00	2.50	09:30	RUTB	Run Tubing	RIH W/ 110 STANDS 2 7/8 TBG.
09:30	5.00	14:30	PULT	Pull Tubing	POOH SLOW L/D 2 7/8 TBG, KEPT CSG FULL WHILE POOH.
14:30	1.50	16:00	IWHD	Install Wellhead	N/D BOP. N/U FRAC TREE.
16:00	2.00	18:00	PTST	Pressure Test	R/U CANARY TEST UNIT. TEST 5 1/2 CGS & FRAC TREE TO 8400 PSI FOR 30 MINS, LOST 715 PSI. BLEED WELL OFF 300 PSI A MIN. SWIFN.
18:00	1.00	19:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.
19:00	11.00	06:00	SRIG	Rig Up/Down	WELL SECURE. CREW TRAVEL.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 5-5D-35 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013516050000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input 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: 8/31/2013	<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.
 No August 2013 Drilling Activity to report.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 02, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 9/4/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:			
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 5-5D-35 BTR			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013516050000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2013	TYPE OF ACTION				
	<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 September 2013 Drilling Activity for this well.					
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 03, 2013					
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant			
SIGNATURE N/A	DATE 10/3/2013				

**15-5D-35 BTR 9/1/2013 06:00 - 9/2/2013 06:00**

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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. HOLD SAFETY MEETING.	
07:00	4.00	11:00	DOPG	Drill Out Plugs	SICP- 50. RIH F/ TOP OF PERFS W/ 4-3/4 BIT. TAG SAND @ 9364'. R/U SWIVEL. BREAK CIRC. C/O SAND & D/O CBP @ 9482'. FCP- 0. SWIVEL IN HOLE, TAG SAND @ 9730'. C/O SAND & D/O CBP @ 9765'. FCP- 0. SWIVEL IN HOLE, TAG SAND @ 10,072'. C/O SAND & D/O CBP @ 10,105'. FCP- 1200 ON 16/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 10,351'. C/O SAND & D/O CBP @ 10,420'. FCP- 1400 ON 16/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 10,672'. C/O SAND & D/O CBP @ 10,712'. FCP- 1600 ON 16/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 11,032'. C/O SAND TO F/C @ 11,168'. D/O F/C & C/O CMT TO 11,175', PBTD. 128' OF RAT HOLE. CIRC WELL CLEAN. R/D SWIVEL.	
11:00	1.00	12:00	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 8900' & LAND TBG. 267 JTS TOTAL IN HOLE.	
12:00	2.00	14:00	IWHD	Install Wellhead	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF. R/U TBG TO SALES LINE.	
14:00	2.50	16:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.	
16:30	1.50	18:00	CTUW	W/L Operation	R/U DELSCO W/L. RIH W/ 1-1/2" SINKER BARS TO 11,175'. PBTD. POOH. R/D DELSCO. TURN WELL OVER TO FLOW BACK. SICP- 1800. TFP- 600 ON 18/64 CHOKE. SDFN.	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	TBG OPEN TO SALES.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	FRAC LINE SET. FILLING FRAC LINE.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	FILLING FRAC LINE	

5-5D-35 BTR 9/6/2013 06:00 - 9/7/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. Prep For Frac.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. 0 Psi. On Well.	
07:00	1.75	08:45	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	
08:45	1.25	10:00	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 10,868 - 10,890'. Drop Down To Depth, Perforate Stage 1 CR-5/CR-4A Zone, 11,099 - 11,394'. 45 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.	
10:00	3.00	13:00	SRIG	Rig Up/Down	HES On Location At 12:00 Hrs. Rig Up Equipment	
13:00	16.00	05:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	0.09	06:05	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 21. Open Well, 419 Psi. ICP. BrokeDown At 9.7 Bpm And 4,080 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 68.3 Bpm And 6,107 Psi., Get ISIP, 3,036 Psi.. 0.71 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 45,031 Gals.. Stage Into .75# 100 Mesh Pad, 74.7 Bpm At 5,808 Psi.. On Perfs, 74.6 Bpm At 6,285 Psi., 17,931 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.6 Bpm At 6,208 Psi.. On Perfs, 74.9 Bpm At 5,829 Psi., 12,054 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.9 Bpm At 5,799 Psi.. On Perfs, 74.7 Bpm At 5,476 Psi., 12,085 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 5,469 Psi.. On Perfs, 74.7 Bpm At 5,260 Psi., 4,032 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 5,460 Psi.. On Perfs, 74.7 Bpm At 5,206 Psi., 13,169 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.8 Bpm At 5,190 Psi.. On Perfs, 74.7 Bpm At 5,185 Psi., 13,618 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,952 Psi.. 0.79 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 13,200# Total 20/40 CRC Prop - 140,100#. Total Clean - 144,655 Gals.. 3,444 Bbls.. Total Produced Water - 69,825 Gals.. Total 2% KCL - 72,889 Gals.. BWTR - 3,610 Bbls. Max. Rate - 75.3 Bpm Avg. Rate - 74.8 Bpm Max. Psi. - 6,321 Psi. Avg. Psi. - 5,689 Psi.</p>	
06:05	0.17	06:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.	
06:15	1.42	07:40	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 10,868 - 10,890'. Drop Down To Depth, Set CFP At 11,076'. 3,600 Psi.. Perforate Stage 2 CR-4/CR-3 Zone, 11,099 - 11,394'. 45 Holes. 3,200 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.	
07:40	0.08	07:45	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
07:45	1.33	09:05	FRAC	Frac. Job	<p>Frac Stage 2. Fluid System: Hybor G 21. Open Well, 2,240 Psi. ICP. BrokeDown At 15.3 Bpm And 4,169 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.4 Bpm And 6,080 Psi., Get ISIP, 3,064 Psi.. 0.72 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 53,139 Gals.. Stage Into .75# 100 Mesh Pad, 74.8 Bpm At 5,827 Psi.. On Perfs, 74.3 Bpm At 6,206 Psi., 20,776 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.3 Bpm At 6,145 Psi.. On Perfs, 74.7 Bpm At 5,725 Psi., 11,622 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.7 Bpm At 5,688 Psi.. On Perfs, 74.7 Bpm At 5,304 Psi., 11,761 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 5,285 Psi.. On Perfs, 74.6 Bpm At 5,100 Psi., 13,761 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 5,124 Psi.. On Perfs, 74.6 Bpm At 5,173 Psi., 12,736 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.5 Bpm At 5,238 Psi.. On Perfs, 74.4 Bpm At 5,452 Psi., 12,178 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,075 Psi.. 0.81 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 15,400# Total 20/40 CRC Prop - 162,300#. Total Clean - 161,567 Gals.. 3,847 Bbls.. Total Produced Water - 76,762 Gals.. Total 2% KCL - 82,834 Gals.. BWTR - 4,038 Bbls. Max. Rate - 75.4 Bpm Avg. Rate - 74.5 Bpm Max. Psi. - 6,219 Psi. Avg. Psi. - 5,646 Psi.</p>
09:05	0.08	09:10	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
09:10	1.25	10:25	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 9,921 - 9,941'. Drop Down To Depth, Set CFP At 10,616'. 2,400 Psi.. Perforate Stage 3 CR-3 Zone, 10,407 - 10,596'. 39 Holes. 2,600 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
10:25	0.17	10:35	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
10:35	1.08	11:40	FRAC	Frac. Job	<p>Frac Stage 3. Fluid System: Hybor G 18. Open Well, 2,070 Psi. ICP. BrokeDown At 8.9 Bpm And 3,627 Psi.. Pump 3900 Gals. 15% HCL And 78 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.7 Bpm And 5,400 Psi., Get ISIP, 2,933 Psi.. 0.72 Psi./Ft. F.G.. 32/39 Holes. Con't With SlickWater Pad, 45,159 Gals.. Stage Into .75# 100 Mesh Pad, 74.9 Bpm At 5,376 Psi.. On Perfs, 74.9 Bpm At 5,760 Psi., 17,834 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.8 Bpm At 5,795 Psi.. On Perfs, 74.9 Bpm At 5,438 Psi., 11,253 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.9 Bpm At 5,416 Psi.. On Perfs, 74.7 Bpm At 5,052 Psi., 11,314 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 5,046 Psi.. On Perfs, 74.6 Bpm At 4,873 Psi., 6,690 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 4,958 Psi.. On Perfs, 74.6 Bpm At 4,889 Psi., 12,370 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.6 Bpm At 4,910 Psi.. On Perfs, 74.6 Bpm At 4,990 Psi., 12,720 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,035 Psi.. 0.73 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 13,300# Total 20/40 CRC Prop - 146,200#. Total Clean - 142,367 Gals.. 3,390 Bbls.. Total Produced Water - 68,246 Gals.. Total 2% KCL - 72,181 Gals.. BWTR - 3,553 Bbls. Max. Rate - 75.5 Bpm Avg. Rate - 74.9 Bpm Max. Psi. - 5,822 Psi. Avg. Psi. - 5,288 Psi.</p>

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:40	0.17	11:50	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
11:50	2.00	13:50	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 9,921 - 9,941'. Drop Down To Depth, Set CFP At 10,355'. 3,200 Psi.. Perforate Stage 4 CR-2/Wasatch Zone, 10,060 - 10,335'. 39 Holes. 3 Intervals Left. Set CFP At 10,355'. Perforate Stage 4 CR-2/Wasatch Zone, 10,063 - 10,335'. 39 Holes. Designed For 45, Stuck When 10,063 Interval Shot. Tried To Flow Well, Would Bleed Down To 0 Psi., Pumped On Gun From Surface, Made No Hole. Pulled Out Of WeakPoint, POOH. RigDown WireLine Equipment, WSI And Secured.
13:50	1.67	15:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
15:30	14.50	06:00	SRIG	Rig Up/Down	WSI And Secured. SDFD.

5-5D-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
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	CTUW	W/L Operation	HES And SLB WireLine Arrive On Location, HSM With All Personnel/Contractors. MIRU RMWS Braided WireLine Unit. Check Pressure On Well, 100 Psi., Gas Head. Bleed Down To Tank. RIH With 3.125" OverShot With Mechanical Jars. Tagging Up At 7,050' (Top Of Casing Patch), Attempt To Work Tools, No Luck, POOH. At Surface, Overshot Is Gone, Disconnect Had Been Sheared Allowing Release Of Overshot. Make-Up New Disconnect, RIH To 7,050', Filling Hole With HES Blender. Took 10,000 Gals. To Fill, Then Pumping In At 15-20 Bpm With Blender. Work Over Fish, POOH. No Fish. Make Up 3 7/8" OverShot, RBIH To TOF. WorkOver Fish, Weight Indicated Fish On, POOH. At SurFace, 3.125" OverShot Retrieved. By Looking At Bottom Of OverShot, Indicates Stacking Out On Top Of Casing Patch. RBIH With 3 7/8" OverShot, Attempt To Get Thru Patch, No Luck, POOH. Scarring On Bottom Of OverShot And Slightly Egged. WSI And Secured. On Vacuum.
15:00	3.00	18:00	SRIG	Rig Up/Down	RigDown RMWS And Frac Crew, MOL.
18:00		18:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

5-5D-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
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.50	08:30	SRIG	Rig Up/Down	MIRU RIG & EQUIPMENT.
08:30	3.50	12:00	BOPI	Install BOP's	N/D FRAC TREE. N/U BOP. R/U FLOOR & EQUIPMENT. SPOT CATWALK & PIPE RACKS. LOAD TBG ON RACKS & TALLY.
12:00	4.50	16:30	RUTB	Run Tubing	P/U 3-11/16 CSG SWEDGE, 1- 3-1/8 D/C, B/S JAR, 4 -3-7/16 D/CS & INTENSIFIER. RIH W/ BHA P/U 2-7/8 TBG 216 JTS, TAG @ 7055'. TOP OF CSG PATCH @ +/- 7050'.
16:30	1.00	17:30	GOP	General Operations	WORK DOWN TO 7056'. MAKING NO HOLE.
17:30	3.00	20:30	PULT	Pull Tubing	POOH W/ SWEDGE & TOOLS. SHOWED SOME WEAR ON SWEDGE. SDFN.
20:30	9.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	2.50	09:30	RUTB	Run Tubing	SICP 300 PSI. BWD. MU FISHING TOOLS OF SPEAR (4.47" GR), STOP RING, BUMPER SUB, JARS, 4) 3-1/2" DC, ACCEL, 6' TBG SUB. RIH W/ TBG.
09:30	0.50	10:00	GOP	General Operations	TAG AND LATCH INTO SLEEVE AT 7056'. JAR ON SLEEVE, STARTED MOVING UPHOLE.
10:00	4.00	14:00	PULT	Pull Tubing	POOH W/ TBG AND FISH TOOLS DRAGGING SLEEVE OUT.
14:00	0.50	14:30	PULT	Pull Tubing	LD SLEEVE AND SPEAR.
14:30	0.50	15:00	RUTB	Run Tubing	MU 4-11/16" OVERSHOT (" GR), BUMPER SUB, JAR, 4) 3-1/2" DC, ACCEL, 6' TBG SUB.
15:00	3.00	18:00	RUTB	Run Tubing	RIH W/ TBG IN DERRICK. PU TBG TO GO THRU DV TOOL (CLEAN) TO 9997 W/ 310 -JTS IN. SECURE WELL FOR NIGHT.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	RUTB	Run Tubing	SICP 800, SITP 500. BWD. PMP 20 BBLS DOWN TBG. CONT RIH AS PU TBG. WENT PAST WHERE PERF GUN WAS STUCK TO TAG AT 10,305' (PERF GUN SETTING ON CBP) WITH 320-JTS IN.
08:00	1.00	09:00	GOP	General Operations	WORK OVERSHOT AT FISH TOP. DID NOT FEEL LATCH ON. PMP DOWN TBG AS WORK OVERSHOT AT FISH TOP. NOT MAKING HOLE, NO SAND. WORKED OVERSHOT FOR 1 HR. POSSIBLY LATCHED ON BUT NO SOLID INDICATIONS.
09:00	5.00	14:00	PULT	Pull Tubing	START POOH W/ TBG. PMP 30 BBLS DOWN CSG. CONT POOH W TBG AND FISHING TOOLS. STD BACK COLLARS. RECOVER PERF GUNS AND SETTING TOOL. LD FISH. LD AND LOAD OUT FISH TOOLS.
14:00	2.50	16:30	RUTB	Run Tubing	MU TOP OF POBS, 1-JT, 2.31 XN AND RIH W/ 315-JTS 2-7/8" TBG. LAND HANGER W/ EOT AT 10,032'. TBG DETAIL KB 17.00 HANGER .80 315-JTS 2-7/8" 9981.02 2.31 XN 1.15 1-JT 2-7/8" 31.76 TOP OF POBS .80 EOT AT 10,032.69 TOP PERF AT 10,063
16:30	1.00	17:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. SECURE WELL.
17:30	1.00	18:30	SRIG	Rig Up/Down	RDSU. RACK OUT EQUIP. ROAD RIG TO 3-5D-35. SDFN
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

5-5D-35 BTR 9/17/2013 06:00 - 9/18/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM
07:00	2.00	09:00	RMOV	Rig Move	ROAD RIG FROM ROOSEVELT TO LOCATION.
09:00	1.00	10:00	SRIG	Rig Up/Down	SPOT AND RUSU. SITP 1000#. SICP 800#. START BWD. MAKING GAS. CALL FLOW BACK HAND.
10:00	3.50	13:30	GOP	General Operations	PREP TREATER. LAY PMP LINE. OPEN CSG TO TREATER AS PUMP 160 BBLS DOWN TBG TO ROLL GAS AND OIL OUT. OPEN CHOKE AS PRES COME DOWN AND TREATER TAKING IT. SPOT CATWALK AND RACKS. MOVE TBG.
13:30	1.00	14:30	BOPI	Install BOP's	ND WH. NU BOP. RU FLOOR. PUMP 20 BBLS DOWN CSG. PULL HANGER.
14:30	2.50	17:00	PULT	Pull Tubing	POOH W/ 315-JTS 2-7/8" L-80 TBG, 2.31 XN, 1-JT 2-7/8", AND LD TOP RR POBS.
17:00	2.00	19:00	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT 2-7/8", 2.31 XN, AND RIH W/ 315-JTS 2-7/8" L-80. WOT AT 10,045'.
19:00	1.00	20:00	GOP	General Operations	HOOK UP TO PUMP AND PUMP 60 BBLS DOWN TBG.
20:00	10.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

**5-5D-35 BTR 9/18/2013 06:00 - 9/19/2013 06:00**

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	1.50	08:30	RUTB	Run Tubing	SICP 500 PSI. OPEN TO TREATER. INSTALL STRIPPING RUBBER. RIH W/ TBG TO TAG KILL PLUG AT 10,355'. RU DRLG EQUIP.
08:30	4.00	12:30	DOPG	Drill Out Plugs	PUMP 30 BBLS DOWN TBG. D/O PLUGS. CBP #1 AT 10,355'. NO SAND. D/O IN 15 MIN. FCP 300 PSI ON 25/64". RIH CBP #2 AT 10,616'. NO SAND. D/O IN 15 MIN. FCP 400 PSI ON 25/64". RIH CBP #3 AT 11,076'. NO SAND. D/O IN 17 MIN. FCP 300 PSI ON 25/64". RIH FC AT 11,474'. NO SAND ON FC. D/O FC AND RUN TO SHOE. NO CMT BETWEEN FC AND SHOE. CIRC CLEAN (ONLY HAD PARTIAL RETURNS PUMPING 4 BPM)
12:30	1.00	13:30	PULT	Pull Tubing	RD PWR SWIVEL. POOH AS LD 56-JTS.
13:30	1.50	15:00	GOP	General Operations	LAND 7" 5K HANGER. RD FLOOR. ND BOP. NU WH. PMP 65 BBLS DOWN TBG. DID NOT SEE PUMP OFF. TBG DETAIL KB
15:00	1.00	16:00	WLWK	Wireline	RU DELSCO. RIH TO TAG POBS AT 11,474' (AT FC). COULD NOT BEAT DOWN. POOH AND RD DELSCO. SHUT WELL IN.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

5-5D-35 BTR 9/19/2013 06:00 - 9/20/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	4.50	11:30	SWAB	Swab Well Down	SICP 300 PSI. LIGHT TRICKLE ON TBG. RU SWAB EQUIP. MAKE 6 SWAB RUNS TO KICK OFF WELL. IFL AT SURFACE. PULLED 54 BBLS. WELL FLOWING. RD SWAB EQUIP.
11:30	1.00	12:30	SRIG	Rig Up/Down	RDSU. PWOP. TOTAL RECOVERED 104 BBLS. SICP 300, FTP 300 ON 22/64" CHOKE.
12:30	2.00	14:30	RMOV	Rig Move	ROAD RIG TOWARDS 9-32-2-2. (PARKED ON 9-10-3-2). SDFN
14:30	15.50	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL TURNED OVER TO PRODUCTION.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 5-5D-35 BTR
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013516050000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/20/2013	<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 9/20/13, first gas sales on
9/21/13 and first oil sales on 9/22/13.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 21, 2013**

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 9/25/2013	

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 CORP. Contact: CHRISTINA HIRTLE E-Mail: chirtler@billbarrettcorp.com

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNW 2245FNL 821FWL
At top prod interval reported below SWNW 1993FNL 810FWL
At total depth SWNW 2037FNL 803FWL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

9. API Well No. 43-013-51605

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 05/16/2013 15. Date T.D. Reached 06/04/2013 16. Date Completed D & A Ready to Prod. 09/20/2013

17. Elevations (DF, KB, RT, GL)* 6199 GL

18. Total Depth: MD 11590 TVD 11570 19. Plug Back T.D.: MD 11475 TVD 11455 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL,CCL,GR, 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	9.059 J-55	36.0	0	4015	4014	1645	600	0	
8.750	5.500 P110	17.0	0	11590	11565	940	227	4350	

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	9967							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	10407	11394	10060 TO 11394	0.380	168	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10407 TO 11394	WASATCH SEE ATTACHED STAGES 1-3 (4TH STAGE PREFORATEED BUT NOT FRACTURED)

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
09/20/2013	09/24/2013	24	→	689.0	0.0	23.0	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	
24/64	SI 250	1760.0	→	689	0	23		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 #222610 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	5231
				MAHOGANY	6308
				DOUGLAS CREEK	8405
				BLACK SHALE	9020
				CASTLE PEAK	9178
				UTELAND BUTTE	9555
				WASATCH	9947
				TD	11590

32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. Conductor cemented with grout. Attached is Treatment data, Logs and End of Well Report. First Gas sales were on 9/21/2013; first oil sales 9/22/2013.

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 #222610 Verified by the BLM Well Information System.
For BILL BARRETT CORP., sent to the Vernal**

Name (please print) CHRISTINA HIRTLER Title PERMIT ANALYST

Signature (Electronic Submission) Date 10/10/2013

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. 10, 2013

5-5D-35 BTR Report Continued*

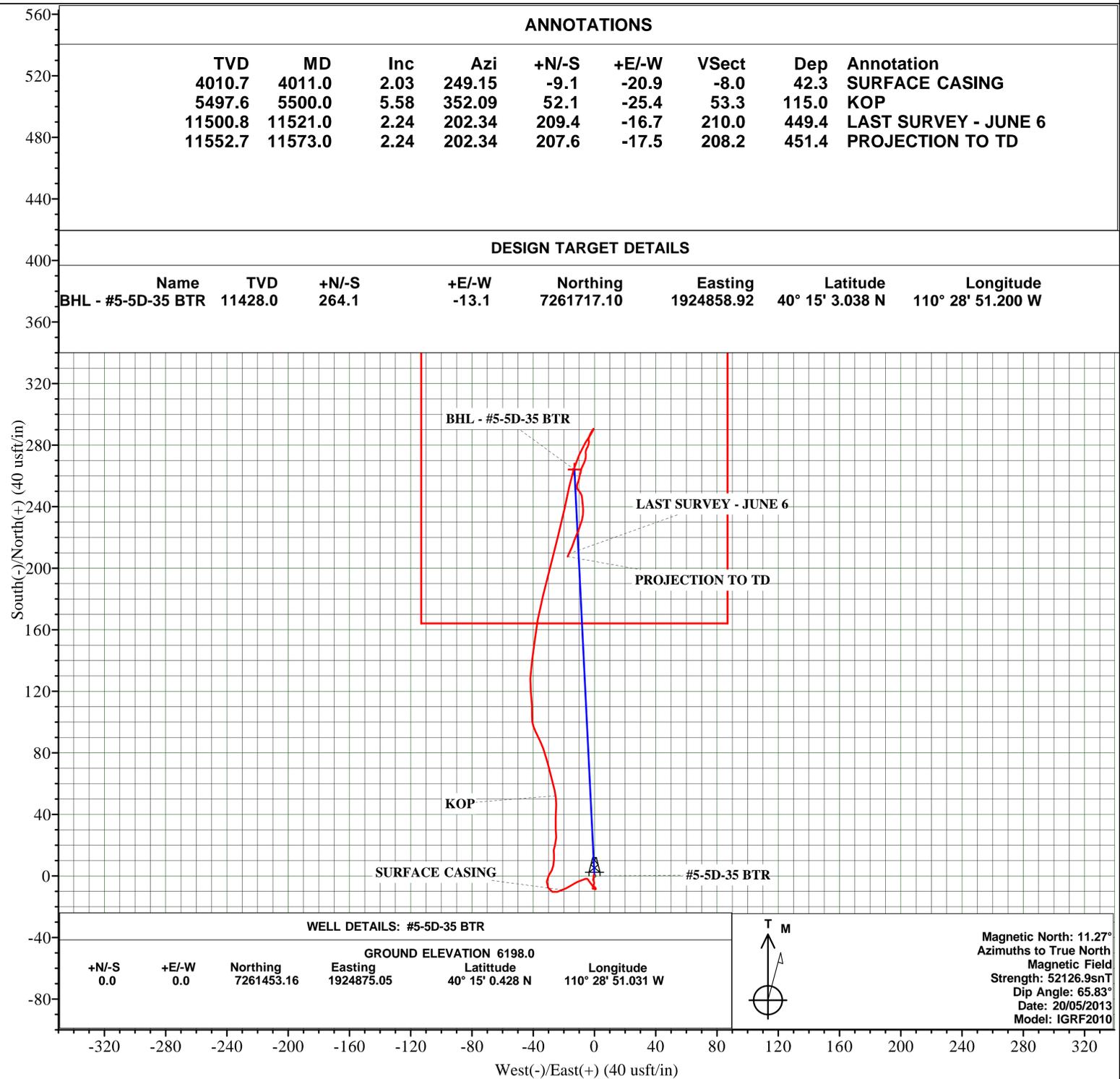
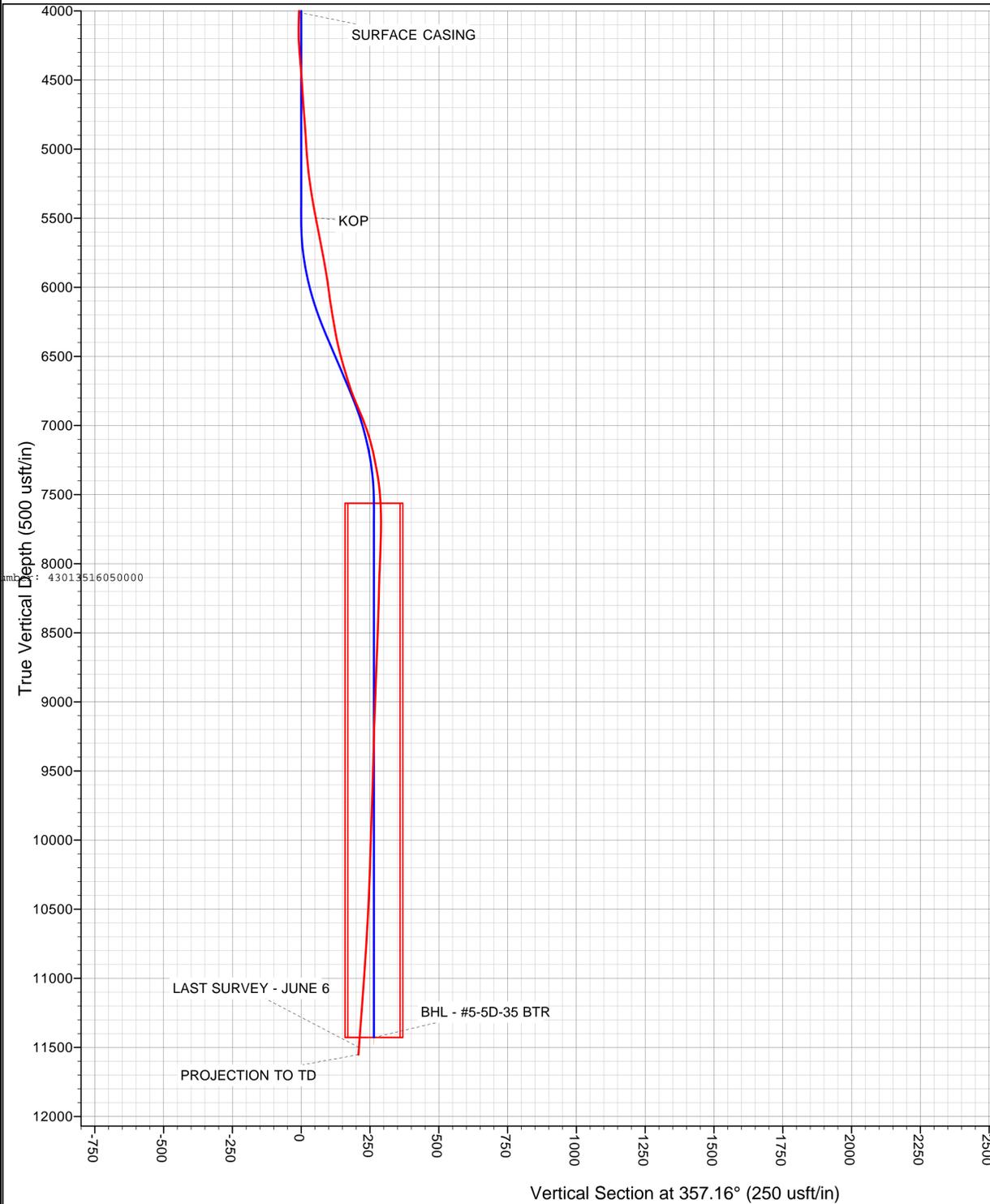
44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)					
AMOUNT AND TYPE OF MATERIAL					
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 Premium White</u>	<u>lbs 20/40 CRC</u>	<u>gal 15% HCl Acid</u>
1	3438	13300		140100	3925
2	3830	15400		162300	3953
3	3381	13300		146280	3907

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

Driving



Project: UTAH (DUCHESNE COUNTY - NAD 83)
 Site: SEC. 5 T3S R5W U.S.B & M.
 Well: #5-5D-35 BTR
 Wellbore: Job# 2009-194
 Design: FINAL SURVEYS



Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #5-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6216.0usft (SST 17)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6216.0usft (SST 17)
Well:	#5-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-194	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEYS	Database:	EDM 5000.1 Single User Db

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

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

Well	#5-5D-35 BTR					
Well Position	+N/-S	0.0 usft	Northing:	7,261,453.16 usft	Latitude:	40° 15' 0.428 N
	+E/-W	0.0 usft	Easting:	1,924,875.05 usft	Longitude:	110° 28' 51.031 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	6,198.0 usft

Wellbore	Job# 2009-194				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	20/05/2013	11.27	65.83	52,127

Design	FINAL SURVEYS				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
		0.0	0.0	0.0	357.16

Survey Program	Date	07/06/2013			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
119.0	11,573.0	FINAL SURVEYS (Job# 2009-194)	MWD	MWD - Standard	

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)	
0.0	0.00	0.00	0.0	6,216.0	0.0	0.0	0.0	0.00	0.00	0.00	
119.0	0.26	328.12	119.0	6,097.0	0.2	-0.1	0.2	0.22	0.22	0.00	
210.0	0.22	341.74	210.0	6,006.0	0.6	-0.3	0.6	0.08	-0.04	14.97	
303.0	0.09	353.69	303.0	5,913.0	0.8	-0.4	0.8	0.14	-0.14	12.85	
392.0	0.09	131.77	392.0	5,824.0	0.8	-0.3	0.9	0.19	0.00	155.15	
486.0	0.31	199.44	486.0	5,730.0	0.5	-0.4	0.6	0.31	0.23	71.99	
579.0	0.26	196.28	579.0	5,637.0	0.1	-0.5	0.1	0.06	-0.05	-3.40	
674.0	0.35	185.29	674.0	5,542.0	-0.4	-0.6	-0.4	0.11	0.09	-11.57	
768.0	0.35	181.87	768.0	5,448.0	-1.0	-0.6	-0.9	0.02	0.00	-3.64	
860.0	0.18	190.39	860.0	5,356.0	-1.4	-0.7	-1.4	0.19	-0.18	9.26	
955.0	0.31	189.25	955.0	5,261.0	-1.8	-0.7	-1.7	0.14	0.14	-1.20	
1,049.0	0.31	193.12	1,049.0	5,167.0	-2.3	-0.8	-2.2	0.02	0.00	4.12	
1,144.0	0.31	161.12	1,144.0	5,072.0	-2.8	-0.8	-2.7	0.18	0.00	-33.68	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #5-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6216.0usft (SST 17)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6216.0usft (SST 17)
Well:	#5-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-194	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEYS	Database:	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)	
1,239.0	0.35	155.94	1,239.0	4,977.0	-3.3	-0.6	-3.3	0.05	0.04	-5.45	
1,334.0	0.26	156.23	1,334.0	4,882.0	-3.7	-0.4	-3.7	0.09	-0.09	0.31	
1,429.0	0.31	160.60	1,429.0	4,787.0	-4.2	-0.2	-4.2	0.06	0.05	4.60	
1,524.0	0.53	191.09	1,524.0	4,692.0	-4.9	-0.2	-4.8	0.32	0.23	32.09	
1,619.0	0.62	208.23	1,619.0	4,597.0	-5.7	-0.5	-5.7	0.20	0.09	18.04	
1,714.0	1.01	194.26	1,714.0	4,502.0	-7.0	-1.0	-7.0	0.46	0.41	-14.71	
1,809.0	0.48	168.24	1,809.0	4,407.0	-8.2	-1.1	-8.1	0.65	-0.56	-27.39	
1,904.0	0.44	42.65	1,904.0	4,312.0	-8.3	-0.8	-8.3	0.86	-0.04	-132.20	
1,999.0	0.44	16.81	1,999.0	4,217.0	-7.7	-0.4	-7.7	0.21	0.00	-27.20	
2,093.0	0.35	33.42	2,093.0	4,123.0	-7.1	-0.2	-7.1	0.15	-0.10	17.67	
2,188.0	0.48	145.04	2,188.0	4,028.0	-7.2	0.2	-7.2	0.73	0.14	117.49	
2,283.0	0.35	140.12	2,282.9	3,933.1	-7.8	0.6	-7.8	0.14	-0.14	-5.18	
2,378.0	0.35	161.47	2,377.9	3,838.1	-8.3	0.9	-8.3	0.14	0.00	22.47	
2,473.0	0.18	263.08	2,472.9	3,743.1	-8.6	0.8	-8.6	0.45	-0.18	106.96	
2,567.0	0.22	245.41	2,566.9	3,649.1	-8.6	0.5	-8.7	0.08	0.04	-18.80	
2,662.0	0.35	306.76	2,661.9	3,554.1	-8.5	0.1	-8.5	0.33	0.14	64.58	
2,758.0	0.70	336.11	2,757.9	3,458.1	-7.8	-0.3	-7.8	0.45	0.36	30.57	
2,853.0	1.23	324.42	2,852.9	3,363.1	-6.5	-1.2	-6.4	0.59	0.56	-12.31	
2,948.0	1.31	320.12	2,947.9	3,268.1	-4.8	-2.5	-4.7	0.13	0.08	-4.53	
3,043.0	0.92	327.94	3,042.9	3,173.1	-3.3	-3.6	-3.2	0.44	-0.41	8.23	
3,137.0	0.53	329.26	3,136.9	3,079.1	-2.3	-4.2	-2.1	0.42	-0.41	1.40	
3,232.0	0.62	289.62	3,231.9	2,984.1	-1.8	-4.9	-1.5	0.42	0.09	-41.73	
3,327.0	0.83	245.32	3,326.9	2,889.1	-1.9	-6.0	-1.6	0.61	0.22	-46.63	
3,421.0	0.97	250.24	3,420.9	2,795.1	-2.4	-7.4	-2.1	0.17	0.15	5.23	
3,515.0	1.23	249.98	3,514.8	2,701.2	-3.1	-9.1	-2.6	0.28	0.28	-0.28	
3,610.0	1.23	248.16	3,609.8	2,606.2	-3.8	-11.0	-3.2	0.04	0.00	-1.92	
3,705.0	1.36	238.20	3,704.8	2,511.2	-4.8	-12.9	-4.1	0.27	0.14	-10.48	
3,800.0	1.58	239.52	3,799.8	2,416.2	-6.0	-15.0	-5.3	0.23	0.23	1.39	
3,895.0	1.71	241.37	3,894.7	2,321.3	-7.4	-17.3	-6.5	0.15	0.14	1.95	
3,947.0	2.07	243.74	3,946.7	2,269.3	-8.1	-18.9	-7.2	0.71	0.69	4.56	
SURFACE CASING											
4,011.0	2.03	249.15	4,010.7	2,205.3	-9.1	-20.9	-8.0	0.31	-0.06	8.45	
4,048.0	2.02	252.35	4,047.6	2,168.4	-9.5	-22.2	-8.4	0.31	-0.03	8.65	
4,112.0	2.07	246.47	4,111.6	2,104.4	-10.3	-24.3	-9.1	0.34	0.08	-9.19	
4,206.0	2.15	292.26	4,205.5	2,010.5	-10.3	-27.5	-8.9	1.75	0.09	48.71	
4,302.0	2.64	331.98	4,301.5	1,914.5	-7.7	-30.2	-6.2	1.76	0.51	41.37	
4,395.0	2.64	3.01	4,394.4	1,821.6	-3.6	-31.1	-2.1	1.52	0.00	33.37	
4,490.0	2.68	33.07	4,489.3	1,726.7	0.4	-29.8	1.9	1.45	0.04	31.64	
4,585.0	1.76	27.62	4,584.2	1,631.8	3.6	-27.9	4.9	0.99	-0.97	-5.74	
4,680.0	2.07	8.90	4,679.1	1,536.9	6.5	-26.9	7.9	0.73	0.33	-19.71	
4,776.0	2.46	6.35	4,775.1	1,440.9	10.3	-26.5	11.6	0.42	0.41	-2.66	
4,871.0	1.85	350.88	4,870.0	1,346.0	13.8	-26.5	15.1	0.88	-0.64	-16.28	
4,966.0	1.67	3.98	4,965.0	1,251.0	16.7	-26.6	18.0	0.46	-0.19	13.79	
5,061.0	2.72	20.23	5,059.9	1,156.1	20.2	-25.7	21.5	1.27	1.11	17.11	
5,156.0	3.21	359.76	5,154.8	1,061.2	25.0	-25.0	26.2	1.22	0.52	-21.55	
5,252.0	3.82	354.39	5,250.6	965.4	30.9	-25.3	32.1	0.72	0.64	-5.59	
5,346.0	4.75	4.68	5,344.3	871.7	37.9	-25.3	39.1	1.28	0.99	10.95	
5,441.0	5.58	359.58	5,438.9	777.1	46.4	-25.0	47.6	1.00	0.87	-5.37	
KOP											
5,500.0	5.58	352.09	5,497.6	718.4	52.1	-25.4	53.3	1.23	0.00	-12.69	
5,537.0	5.63	347.45	5,534.5	681.5	55.7	-26.1	56.9	1.23	0.13	-12.55	
5,632.0	5.32	344.55	5,629.0	587.0	64.5	-28.2	65.8	0.44	-0.33	-3.05	
5,727.0	5.84	346.57	5,723.6	492.4	73.4	-30.5	74.8	0.59	0.55	2.13	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #5-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6216.0usft (SST 17)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6216.0usft (SST 17)
Well:	#5-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-194	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEYS	Database:	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)	
5,822.0	5.84	339.01	5,818.1	397.9	82.6	-33.4	84.2	0.81	0.00	-7.96	
5,917.0	4.88	332.69	5,912.7	303.3	90.7	-37.0	92.5	1.18	-1.01	-6.65	
6,012.0	3.74	340.42	6,007.4	208.6	97.3	-39.9	99.1	1.34	-1.20	8.14	
6,106.0	4.48	2.22	6,101.2	114.8	103.8	-40.8	105.7	1.82	0.79	23.19	
6,201.0	4.57	356.42	6,195.9	20.1	111.3	-40.8	113.2	0.49	0.09	-6.11	
6,296.0	5.27	354.48	6,290.5	-74.5	119.4	-41.5	121.3	0.76	0.74	-2.04	
6,389.0	5.71	0.55	6,383.1	-167.1	128.3	-41.9	130.2	0.78	0.47	6.53	
6,483.0	7.75	9.25	6,476.5	-260.5	139.2	-40.8	141.1	2.42	2.17	9.26	
6,579.0	8.35	5.82	6,571.5	-355.5	152.5	-39.1	154.3	0.80	0.62	-3.57	
6,673.0	8.83	10.48	6,664.5	-448.5	166.4	-37.1	168.1	0.90	0.51	4.96	
6,766.0	10.99	13.99	6,756.1	-540.1	182.1	-33.6	183.5	2.41	2.32	3.77	
6,861.0	12.70	14.35	6,849.0	-633.0	201.0	-28.8	202.1	1.80	1.80	0.38	
6,957.0	12.04	14.17	6,942.8	-726.8	220.9	-23.8	221.8	0.69	-0.69	-0.19	
7,051.0	10.01	12.47	7,035.1	-819.1	238.4	-19.6	239.1	2.19	-2.16	-1.81	
7,145.0	8.08	11.71	7,127.9	-911.9	252.8	-16.5	253.3	2.06	-2.05	-0.81	
7,241.0	6.15	18.48	7,223.1	-1,007.1	264.3	-13.5	264.7	2.19	-2.01	7.05	
7,336.0	6.02	22.78	7,317.6	-1,101.6	273.7	-10.0	273.9	0.50	-0.14	4.53	
7,430.0	4.79	32.80	7,411.2	-1,195.2	281.6	-5.9	281.5	1.64	-1.31	10.66	
7,526.0	2.68	33.42	7,507.0	-1,291.0	286.8	-2.5	286.6	2.20	-2.20	0.65	
7,620.0	1.27	18.21	7,600.9	-1,384.9	289.6	-1.0	289.3	1.59	-1.50	-16.18	
7,715.0	0.04	124.82	7,695.9	-1,479.9	290.6	-0.6	290.3	1.35	-1.29	112.22	
7,810.0	0.62	219.92	7,790.9	-1,574.9	290.2	-0.9	289.9	0.66	0.61	100.11	
7,905.0	1.63	212.80	7,885.9	-1,669.9	288.7	-2.0	288.4	1.07	1.06	-7.49	
8,000.0	0.88	198.83	7,980.9	-1,764.9	286.8	-3.0	286.6	0.85	-0.79	-14.71	
8,095.0	1.71	198.50	8,075.9	-1,859.9	284.8	-3.6	284.6	0.87	0.87	-0.35	
8,189.0	0.35	124.12	8,169.8	-1,953.8	283.3	-3.8	283.2	1.76	-1.45	-79.13	
8,283.0	0.88	179.23	8,263.8	-2,047.8	282.4	-3.6	282.3	0.79	0.56	58.63	
8,378.0	1.27	192.85	8,358.8	-2,142.8	280.7	-3.8	280.5	0.49	0.41	14.34	
8,472.0	0.83	207.09	8,452.8	-2,236.8	279.1	-4.4	278.9	0.54	-0.47	15.15	
8,567.0	1.54	209.11	8,547.8	-2,331.8	277.3	-5.3	277.3	0.75	0.75	2.13	
8,663.0	0.79	166.13	8,643.8	-2,427.8	275.6	-5.8	275.5	1.15	-0.78	-44.77	
8,757.0	1.36	181.69	8,737.7	-2,521.7	273.8	-5.6	273.8	0.68	0.61	16.55	
8,851.0	0.83	181.60	8,831.7	-2,615.7	272.0	-5.7	272.0	0.56	-0.56	-0.10	
8,946.0	1.41	198.21	8,926.7	-2,710.7	270.2	-6.1	270.2	0.69	0.61	17.48	
9,040.0	0.83	207.44	9,020.7	-2,804.7	268.5	-6.8	268.5	0.64	-0.62	9.82	
9,135.0	1.67	204.81	9,115.7	-2,899.7	266.7	-7.7	266.7	0.89	0.88	-2.77	
9,230.0	0.75	204.89	9,210.6	-2,994.6	264.8	-8.5	264.9	0.97	-0.97	0.08	
9,324.0	0.70	180.90	9,304.6	-3,088.6	263.7	-8.8	263.8	0.32	-0.05	-25.52	
9,420.0	0.79	194.70	9,400.6	-3,184.6	262.5	-8.9	262.6	0.21	0.09	14.37	
9,515.0	0.83	200.15	9,495.6	-3,279.6	261.2	-9.3	261.3	0.09	0.04	5.74	
9,610.0	0.97	196.46	9,590.6	-3,374.6	259.8	-9.8	259.9	0.16	0.15	-3.88	
9,702.0	1.01	182.31	9,682.6	-3,466.6	258.2	-10.1	258.4	0.27	0.04	-15.38	
9,796.0	0.88	205.86	9,776.6	-3,560.6	256.7	-10.4	256.9	0.43	-0.14	25.05	
9,891.0	1.05	201.47	9,871.6	-3,655.6	255.3	-11.0	255.5	0.20	0.18	-4.62	
9,986.0	1.41	185.03	9,966.5	-3,750.5	253.3	-11.5	253.6	0.53	0.38	-17.31	
10,082.0	0.83	146.27	10,062.5	-3,846.5	251.6	-11.2	251.8	0.96	-0.60	-40.37	
10,177.0	1.05	138.97	10,157.5	-3,941.5	250.3	-10.2	250.5	0.26	0.23	-7.68	
10,272.0	1.19	144.86	10,252.5	-4,036.5	248.9	-9.1	249.0	0.19	0.15	6.20	
10,367.0	1.10	167.36	10,347.5	-4,131.5	247.2	-8.3	247.3	0.48	-0.09	23.68	
10,462.0	1.41	176.94	10,442.5	-4,226.5	245.1	-8.1	245.2	0.39	0.33	10.08	
10,558.0	1.53	172.02	10,538.4	-4,322.4	242.7	-7.8	242.7	0.18	0.12	-5.12	
10,652.0	1.54	175.19	10,632.4	-4,416.4	240.2	-7.5	240.2	0.09	0.01	3.37	
10,748.0	1.71	179.93	10,728.4	-4,512.4	237.4	-7.4	237.5	0.23	0.18	4.94	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #5-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6216.0usft (SST 17)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6216.0usft (SST 17)
Well:	#5-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-194	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEYS	Database:	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)
10,843.0	1.80	183.62	10,823.3	-4,607.3	234.5	-7.5	234.6	0.15	0.09	3.88
10,938.0	2.33	197.60	10,918.2	-4,702.2	231.2	-8.2	231.3	0.77	0.56	14.72
11,086.0	2.07	199.80	11,066.1	-4,850.1	225.8	-10.0	226.0	0.18	-0.18	1.49
11,128.0	2.11	202.70	11,108.1	-4,892.1	224.4	-10.6	224.6	0.27	0.10	6.90
11,216.0	2.29	202.87	11,196.0	-4,980.0	221.3	-11.9	221.6	0.20	0.20	0.19
11,311.0	2.50	200.15	11,291.0	-5,075.0	217.6	-13.3	218.0	0.25	0.22	-2.86
11,402.0	2.50	199.36	11,381.9	-5,165.9	213.8	-14.7	214.3	0.04	0.00	-0.87
11,499.0	2.24	210.34	11,478.8	-5,262.8	210.2	-16.3	210.8	0.54	-0.27	11.32
LAST SURVEY - JUNE 6										
11,521.0	2.24	202.34	11,500.8	-5,284.8	209.4	-16.7	210.0	1.42	0.00	-36.36
PROJECTION TO TD										
11,573.0	2.24	202.34	11,552.7	-5,336.7	207.6	-17.5	208.2	0.00	0.00	0.00

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
BHL - #5-5D-35 BTR	0.00	0.00	11,428.0	264.1	-13.1	7,261,717.10	1,924,858.92	40° 15' 3.038 N	110° 28' 51.200 W
- survey misses target center by 52.1usft at 11446.2usft MD (11426.0 TVD, 212.1 N, -15.4 E)									
- Rectangle (sides W200.0 H200.0 D0.0)									

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
4,011.0	4,010.7	-9.1	-20.9	SURFACE CASING
5,500.0	5,497.6	52.1	-25.4	KOP
11,521.0	11,500.8	209.4	-16.7	LAST SURVEY - JUNE 6
11,573.0	11,552.7	207.6	-17.5	PROJECTION TO TD

Checked By: _____ Approved By: _____ Date: _____



15-5D-35 BTR 6/16/2013 18:00 - 6/17/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAY LIGHTS

15-5D-35 BTR 6/17/2013 06:00 - 6/18/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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	MOVE RIG FROM 9-5D-35 BTR TO 15-5D-35 BTR LAY OVER DERRICK STAGE OVER 3 BED TRUCKS 2 POLE TRUCKS ONE SWAMPER ONE TRUCK PUSHER
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHTS

15-5D-35 BTR 6/18/2013 06:00 - 6/19/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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	1	RIGUP & TEARDOWN	RIG MOVE FINISH SETTING UP SUBS SET DERRICK ON FLOOR, 3 BED TRUCKS 2 POLE TRUCKS ONE PUSHER AND ONE SWAMPER WHILE SETTING DERRICK ON RIG FLOOR DUE TO IN PROPER ANCOR POINT ON POLE TRUCK BENT SUPPORT BEAM IN THE LOWER DERRICK CUT & REPLACE BEAM CONTINUE TO RIG UP BACK YARD SET PUMPS, LIGHT PLANT, MUD PUMPS, STAGE OVER CHEMICAL, BIT SHED, MUD PRODUCTS
13:00	20.00	09:00	8	REPAIR RIG	WAIT ON PARTS AND WELDER FOR LOWER DERRICK MEMEBER THAT WAS DAMAGED DURING LIFT TO RIG FLOOR

15-5D-35 BTR 6/19/2013 06:00 - 6/20/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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	8	REPAIR RIG	RIG ON CODE 8 DUE TO DERRICK MEMBER GETTING DAMAGE WHEN ATTEMPTED TO LIFT DERRICK TO RIG FLOOR WITH WEST ROC @ 10 AM ON 6/18/2013 DUE TO IMPROPER RIGGING OF EQUIPMENT CONTINUED TO RIG UP INTEL 13:00 ALL THAT IS LEFT TO RIG UP IS RIG FLOOR, BRIDLE DOWN, 400 UPRIGHTS, CEMENT CILO, GAS BUSTER, FLAIR LINES, FLOW LINE AND CONDUTOR. 6/18/2013 WELDER SHOWED UP WITH WRONG SIZE IRON WAITING ON CORRECT PARTS TO BE DELIVERED TO LOCATION STARTED TO CUT AND WELD ON DERRICK MEMBER @ 11:00 AM ON 6/19/13 3 DAYS INTO RIG MOVE 6/19/13 @ 12:00 (INSTRUCTED FROM BBC TO CODE TIME BREAK DOWN ON CODE 8 PATTERSON CONTINUES TO CODE 21)

15-5D-35 BTR 6/20/2013 06:00 - 6/21/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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	8	REPAIR RIG	WAIT ON WEST ROC TRUCKS
08:00	17.00	01:00	1	RIGUP & TEARDOWN	SET DERRICK ON RIG FLOOR RIG UP FLAIR LINES, FLOWLINE, KELLY, RIG FLOOR, CAT WALKS CONDUTOR, LAY OUT B.H.A, GAS BUSTER LINES, SET 400 UP RIGHTS, CEMENT CILO,
01:00	2.50	03:30	20	DIRECTIONAL WORK	PICK UP DIRECTIONAL TOOL, REAMERS SHOCK SUB M/U BIT SCRIBE MOTOR DOWN LINK TO TOOL
03:30	2.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 90'-191' (101' @ 36/ Hr AVG). WOB 11k, GPM 486, MTR RPM 83 RPM 45 SLIDING 0%, ROTOATE 100%.

15-5D-35 BTR 6/21/2013 06:00 - 6/22/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	STEERABLE DRILLING F/ 191'-869' (678' @ 60/ Hr AVG). WOB 12k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	12.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 869'-1502' (633' @ 55'/ Hr AVG). WOB 12k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.

15-5D-35 BTR 6/22/2013 06:00 - 6/23/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 1502'-2073' (571' @ 51'/ Hr AVG). WOB 18k, GPM 545, MTR RPM 92 RPM 35 SLIDING 0%, ROTOATE 100%.
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	12.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2073'-2485' (412' @ 34.3'/ Hr AVG). WOB 18k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.

15-5D-35 BTR 6/23/2013 06:00 - 6/24/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2485'-2860' (412' @ 34.3'/ Hr AVG). WOB 18k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%. LOST RETURNS @ 2818' 2831' 2850'
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	1.50	18:00	5	COND MUD & CIRC	PUMP HIGH LCM SWEEPS DOWN HOLE LITTLE TO NO RETURNS
18:00	0.50	18:30	2	DRILL ACTUAL	DRLG F/ 2860'-2880' LOST RETURNS
18:30	0.50	19:00	5	COND MUD & CIRC	DISPALCE LCM PILL ON BOTTOM 894 STKS
19:00	3.50	22:30	6	TRIPS	TRIP OUT OF HOLE
22:30	4.00	02:30	20	DIRECTIONAL WORK	LAY DOWN REAMERS CHANGE OUT MUD MOTOR, BIT RE SCRIBE DOWN LINK TO MWD TOOL
02:30	3.50	06:00	6	TRIPS	TRIP IN HOLE BREAK CIR 1000' TAG UP @ 2300 WASH THROUGH FINISH TRIP IN

15-5D-35 BTR 6/24/2013 06:00 - 6/25/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	6	TRIPS	TRIP IN HOLE
06:30	2.50	09:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2880'-2943' 63' @ 25.5'/ Hr AVG). WOB 18k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%
09:00	0.50	09:30	7	LUBRICATE RIG	RIG SERVICE
09:30	20.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2943'-3458' 63(515' @ 25.5'/ Hr AVG). WOB 20k, GPM 484, MTR RPM 82 RPM 35 SLIDING 40%, ROTOATE 60%

15-5D-35 BTR 6/25/2013 06:00 - 6/26/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	DRLG/ 3458'-3463'
06:30	8.50	15:00	6	TRIPS	TRIP OUT OF HOLE TO CHANGE BIT TRIP BACK IN HOLE
15:00	15.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 3463'-3750' (287' @ 20'/ Hr AVG). WOB 20k, GPM 484, MTR RPM 82 RPM 35 SLIDING 60%, ROTOATE 10%

15-5D-35 BTR 6/26/2013 06:00 - 6/27/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.50	11:30	2	DRILL ACTUAL	STEERABLE DRILLING F/ 3750'-3864' (114' @ 20.7'/ Hr AVG). WOB 20k, GPM 484, MTR RPM 82 RPM 35
11:30	0.50	12:00	7	LUBRICATE RIG	RIG SERVICE
12:00	2.50	14:30	5	COND MUD & CIRC	CIRC WAIT ON ORDERS TO ROTATE OUT
14:30	4.50	19:00	2	DRILL ACTUAL	DRILL 3864-4003 TD

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
19:00	1.00	20:00	5	COND MUD & CIRC	CIRC SWEEP
20:00	1.50	21:30	6	TRIPS	SHORT TRIP 15 STDS
21:30	1.50	23:00	5	COND MUD & CIRC	CIRC SWEEP & PUMP DRY JOB
23:00	3.50	02:30	6	TRIPS	TOOH
02:30	2.50	05:00	20	DIRECTIONAL WORK	LD 8" TOOLS
05:00	1.00	06:00	12	RUN CASING & CEMENT	SAFETY MEETING & RIG UP WEATHERFORD CASING CREW

15-5D-35 BTR 6/27/2013 06:00 - 6/28/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	12	RUN CASING & CEMENT	RUN 9 5/8 CASING w/ WEATHERFORD
13:00	1.50	14:30	5	COND MUD & CIRC	CIRC AND RIG UP HALLIBURTON NO RETURNS
14:30	4.00	18:30	12	RUN CASING & CEMENT	(HELD S/M WITH HALLUBIRTON CEMENT PUMP 3 BBLs FRESH WATER (FILL LINES) PRESSURE TEST LINES TO 5000 PUMP FRESH SPACER 20 BBLs PUMP SUPER FLUSH 40 BBLs DEN 10 PUMP FRESH SPACER 20 BBLs PUMP LEAD CEMENT 394 BBLs 700 SKS DEN: 11# YD 3.16 GAL/SK 19.48 PUMP TAIL CEMENT 57.9 BBLs 240 SKSDEN 14.8# YD 1.33 GAL/SK 6.62 DROP DISPLACE WITH RIG MUD 305.6 BBLs BUMP PLUG @500 OVER CHECK FLOATS)
18:30	2.00	20:30	13	WAIT ON CEMENT	WOC
20:30	0.50	21:00	12	RUN CASING & CEMENT	#1 TOPJOB 175 SKS 36 BBL 15.8#
21:00	3.00	00:00	13	WAIT ON CEMENT	WOC
00:00	0.50	00:30	12	RUN CASING & CEMENT	#2 TOPJOB 175 SKS 36 BBL 15.8#
00:30	3.50	04:00	13	WAIT ON CEMENT	WOC
04:00	0.50	04:30	12	RUN CASING & CEMENT	#3 TOPJOB 175 SKS 36 BBL 15.8#
04:30	1.50	06:00	13	WAIT ON CEMENT	WOC

15-5D-35 BTR 6/28/2013 06:00 - 6/29/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	13	WAIT ON CEMENT	WOC
07:30	1.00	08:30	12	RUN CASING & CEMENT	#4 TOPJOB 175 SKS 36 BBL 15.8# CEMENT TO SURFACE
08:30	3.50	12:00	13	WAIT ON CEMENT	WOC
12:00	5.50	17:30	21	OPEN	CUT OFF CASING AND WELD ON HEAD AND TEST TO 5K
17:30	4.00	21:30	14	NIPPLE UP B.O.P	NIPPLE UP BOP
21:30	3.50	01:00	15	TEST B.O.P	HELD S/M WITH B&C QUICK TEST LOW 250 5 MIN HIGH 10 MINS 5,000 TEST F.O.S.V LOWER KELLY UPPER KELLY VLAVE DART VALVE PIPE RAMS BLIND RAMS INSIDE VALVES HCR OUT SIDE KILL CHOKE LINE CHECK VLAVE UPRIGHT GAGE INSIDE MANIFOLD VALVES SUPER CHOKETEST ANNULAR TO 2500 TEST CASING 1500 PSI 30 MINS TESTER PAUL OAKS
01:00	0.50	01:30	21	OPEN	INSTALL WEAR BUSHING
01:30	3.00	04:30	20	DIRECTIONAL WORK	PICK UP DIRC TOOLS AND ORIENT/STAND BACK
04:30	1.50	06:00	22	OPEN	SLIP SEGMENT CAME OUT OF DC SLIPS AND WENT DOWN HOLE WO TOOLS FROM SLAUGH

15-5D-35 BTR 6/29/2013 06:00 - 6/30/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	19	FISHING	WO ON FISHING TOOLS
08:00	6.00	14:00	19	FISHING	MAKEUP MAGNET AND TIH PU 13 JNTS DP FISH FOR DC SLIP SEGMENT WITH MAGNET 1st RUN EMPTY
14:00	1.00	15:00	22	OPEN	WORKED BLINDS PIPES AND ANN. RAMS RECHECK CELLER AND SUB WITH DITCH MAGNET

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	6.00	21:00	19	FISHING	TIH 2nd MAGNET RUN WORK MAGNET TOOH 2nd RUN EMPTY
21:00	3.00	00:00	6	TRIPS	TIH
00:00	2.00	02:00	21	OPEN	INSTALL ROTATING HEAD/DRILL CEMENT AND FLOAT EQUIP
02:00	0.50	02:30	2	DRILL ACTUAL	DRILL 4003-4022'
02:30	1.00	03:30	22	OPEN	FIT 10.5EMW 375 PSI FOR 15 MIN
03:30	2.50	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 4022'-4156' WOB 165 GPM 517 RPM 45 MM RPM 78

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	STEEERABLE DRILLING 4156'- 4663' WOB 165 GPM 517 RPM 45 MM RPM 78
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 4663'- 5171 WOB 115 GPM 517 RPM 45 MM RPM 78

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	STEEERABLE DRILLING 5171'-5488' WOB 15 GPM 485 RPM 45 MM RPM 72
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	13.50	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 5488'-5964' WOB 15 GPM 485 RPM 45 MM RPM 72

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	STEEERABLE DRILLING 5964'-6313' WOB 15 GPM 485 RPM 45 MM RPM 72
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 6313'-6694' WOB 15-20 GPM 485 RPM 45 MM RPM 72

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.50	11:30	2	DRILL ACTUAL	STEEERABLE DRILLING 6694'-6789 WOB 15-20 GPM 485 RPM 45 MM RPM 72
11:30	1.00	12:30	5	COND MUD & CIRC	CIRC SWEEP PUMP DRY JOB
12:30	5.00	17:30	6	TRIPS	TOOH
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	1.50	19:30	20	DIRECTIONAL WORK	CHANGE BIT AND MM AND ORIENT TOOL
19:30	3.00	22:30	6	TRIPS	TIH
22:30	2.50	01:00	9	CUT OFF DRILL LINE	SLIP AND CUT 117' DRILLING LINE
01:00	2.00	03:00	6	TRIPS	TIH
03:00	3.00	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 6789'-6869 WOB 15-20 GPM 517 RPM 45 MM RPM 78

15-5D-35 BTR 7/4/2013 06:00 - 7/5/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	STEEERABLE DRILLING 6869'- 7265' WOB 15-20 GPM 517 RPM 45 MM RPM 78
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 7265' - 7677 WOB 15-20 GPM 550 RPM 45 MM RPM 82

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	STEEERABLE DRILLING 7677' - 7931' WOB 15-20 GPM 550 RPM 45 MM RPM 82
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SERVICE
14:30	15.50	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 7931'-8351' WOB 15-20 GPM 550 RPM 45 MM RPM 82

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	2	DRILL ACTUAL	STEEERABLE DRILLING 8351'-8415' WOB 15-20 GPM 550 RPM 45 MM RPM 82
08:00	1.00	09:00	5	COND MUD & CIRC	CIRC SWEEP AND PUMP DRY JOB
09:00	5.00	14:00	6	TRIPS	TOOH
14:00	4.00	18:00	20	DIRECTIONAL WORK	CHANGE OUT BIT & MM LAYDOWN REAMER AND CHANGE BATT. ON MWD ORIENT TOOLS

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	6.50	00:30	6	TRIPS	TIH
00:30	5.50	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 8415'-8535' WOB 15-20 GPM 517 RPM 45 MM RPM 78

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	2	DRILL ACTUAL	STEEERABLE DRILLING 8535'-8845' WOB 15-20 ROP-34.4 GPM 517 RPM 40-45 MM RPM 78
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	14.50	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING 8845'-9210 WOB 15-20 ROP 25.2 GPM 517 RPM 40-45 MM RPM 78

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	STEEERABLE DRILLING 9210'-9448 WOB 15-20 ROP 22 FPH GPM 517 RPM 40-45 MM RPM 78
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE FUNCTION TEST PIPE RAMS
17:00	4.50	21:30	2	DRILL ACTUAL	STEEERABLE DRILLING F/ 9448'-9526' (78' @ 15.5'/ Hr AVG). WOB 25k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.
21:30	1.00	22:30	5	COND MUD & CIRC	CIRCULATE SWEEP AROUND PUMP SLUG
22:30	7.50	06:00	6	TRIPS	TRIP OUT OF HOLE

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	20	DIRECTIONAL WORK	CHANGE OUT MUD MOTOR AND BIT
06:30	6.50	13:00	6	TRIPS	TRIP IN HOLE FILL PIPE AND BREAK CIRCULATION @ 4000, 6000, 8000 WASH DOWN LAST 3 JOINTS
13:00	2.50	15:30	2	DRILL ACTUAL	STEEERABLE DRILLING F/ 9526'-9574' (48' @ 19.2'/ Hr AVG). WOB 15k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE FUNCTION TEST RAMS
16:00	14.00	06:00	2	DRILL ACTUAL	STEEERABLE DRILLING F/ 9574'-9840' (266' @ 19'/ Hr AVG). WOB 19k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	STEEERABLE DRILLING F/ 9840'-10,050' (210' @ 22'/ Hr AVG). WOB 24k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE FUNCTION TEST RAMS
16:00	6.00	22:00	2	DRILL ACTUAL	STEEERABLE DRILLING F/ 10050'-10,209' (159' @ 26.5'/ Hr AVG). WOB 24k, GPM 484, MTR RPM 82 RPM 35 SLIDING 5%, ROTOATE 95%.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
22:00	6.50	04:30	5	COND MUD & CIRC	CIRCULATE OUT GAS RASIE MUD WEIGHT UP FROM 10.3+ TO 10.9+ TOTAL CIRCULATION 11,677 STKS
04:30	1.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 10,209'-10,272' (63' @ 42'/ Hr AVG). WOB 24k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	STEERABLE DRILLING F/ 10,272'-10,463' (191' @ 20'/ Hr AVG). WOB 24k, GPM 484, MTR RPM 82 RPM 35 SLIDING 10%, ROTOATE 90%.
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE FUNCTION TEST RAMS
16:00	13.00	05:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 10,463'-10,793' (330' @ 25'/ Hr AVG). WOB 24k, GPM 484, MTR RPM 82 RPM 35 SLIDING 0%, ROTOATE 100%.
05:00	1.00	06:00	21	OPEN	SHUT IN WELL

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	5	COND MUD & CIRC	WELL SHUT IN BUILD AND MAKE KILL MUD WEIGHT @ 11.5 PPG
09:00	9.00	18:00	5	COND MUD & CIRC	WELL SHUT IN CIRCULATE ON CHOKE PUMP KILL MUD DOWN HOLE @ 11.5 PPG CIRCULATE OUT GAS @ SPR @ 70 SPM CATCH PRESSURE @ 1,055 STKS CONTINUE TO CIRCULATE GAS OUT REGAIN RETURNS @ 3640 STKS CONTINUE TO CIRCULATE GAS TO FINISH UP FULL CIRCULATION @ 15022 TOTAL STROKE AFTER FULL CIRCULATION FIX FLOW LINE FLOW SENSOR WORK ON MUD
18:00	12.00	06:00	2	DRILL ACTUAL	CONTROL DRILL F/ 10,793'-10,811' 15' AN HOUR TO BRING MUD WEIGHT UP F/ 11.5-11.7 DRLG F/10,811'-10,955

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	DRLG F/ 10,946'-11,161' WOB 24 BIT 88 FLOW RATE 522 RPM 42 19 AN HR AVG.
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE FUNCTION TEST RAMS
16:30	4.50	21:00	2	DRILL ACTUAL	DRLG F/ 11,161'-11,260' WOB 24 BIT 88 GPM 522 RPM 42 19' AN HR AVG. TD @ 11,260 @ 21:00
21:00	4.00	01:00	5	COND MUD & CIRC	SIMULATE A SHORT TRIP CIRCULATE BOTTOMS UP @ 140 SPM SPP 2372 PSI TOTAL STKS 10,362
01:00	1.50	02:30	6	TRIPS	SHORT TRIP 15 STANDS
02:30	3.50	06:00	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP @ 140 SPM SPP 2370 PSI TOTAL STROKES 10,362

15-5D-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
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	5	COND MUD & CIRC	CIRCULATE MUD AND GAS OUT OF WELL @ 7:24 TAKING A SLIGHT GAIN @ 7:30 STRANGE BACK GROUND GAS @ 7:44 TAKING GAIN IN PITS
08:00	22.00	06:00	5	COND MUD & CIRC	CLOSE ANN DEVERT THROUGH CHOKE TAKE A 67 BBLs GAIN IT PITS RUN PUMP RATE AT HIGHER RATE TO CATCH PUMP PRESSURE AFTER REGAINING PRESSURE REDUCE PUMP STROKES ON FULL OPEN CHOKE PICH BACK CHOKE TO 33% OPEN WHILE CIRCULATING GAS OUT @ 75 SPM 920 PSI SPP AND RECORDING PRESSURE WITH ' 7000 UNITS BACK GROUND GAS 40' FLAIR ON 30 % OPEN CHOKE OVER A COURSE OF 6 HOURS FLAIR REDUCED DOWN TO 8' OPEN CHOKE CIRCULATE TO CONDITION MUD 6500 UNITS OF BACK GROUND GAS DUE TO HIGH VIS AND 16% PAIRFIN CONTAMINATION IN MUD VIS UN CONTROLABLE SO DUMP AND DILUTE MUD TO REGAIN RHEOLOGY ON MUD

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

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	5	COND MUD & CIRC	WELL ON CHOKE CIRCULATING MUD WT UP TO 12.5
07:30	0.50	08:00	5	COND MUD & CIRC	OFF CHOKE CHECK FOR FLOW -NO FLOW- SIMULATE SHORT TRIP
08:00	2.50	10:30	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP 80 SPM 1102 PSI SPP 2655 UNITS BOTTOMS UP NO FLAIR
10:30	3.50	14:00	6	TRIPS	SHORT TRIP 20 STANDS TO 9273' BACK TO BOTTOM DISPLACEMENT 35.5 THERORETICAL 38.6
14:00	2.50	16:30	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP 80 SPM 1102 PSI SPP 4221 UNITS TRIP GAS NO FLAIR
16:30	1.00	17:30	6	TRIPS	TRIP OUT 20 STANDS
17:30	1.50	19:00	6	TRIPS	WAIT ON LAY DOWN MACHINE FLOW CHECK TRIP DRILL
19:00	11.00	06:00	6	TRIPS	HELD S/M WITH FRANKS RIG UP LAYDOWN MACHINE LAY DOWN 4.5 16.6 DRILL PIPE F/ 11260'-2613' FLOW CHECK EVERY 1000'

15-5D-35 BTR 7/16/2013 06:00 - 7/17/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.50	11:30	6	TRIPS	L/D DRILL PIPE & B.H.A BREAK KELLY
11:30	1.00	12:30	6	TRIPS	LAY DOWN DIRECTIONAL TOOLS REAMER AND BREAK BIT
12:30	0.50	13:00	21	OPEN	PULL WARE BUSHING
13:00	1.00	14:00	21	OPEN	CHANGE OUT 4.5 RAMS TO 5.5 RAMS FOR 5.5 CASING RUN
14:00	1.00	15:00	15	TEST B.O.P	TEST WITH A-1, DOOR SEALS AND 5.5 RAMS LOW 250 5 MINS HIGH 5000 15 MINS TEST INSIDE CHOKE VALVES
15:00	14.50	05:30	12	RUN CASING & CEMENT	HELD SAFETY MEETING WITH FRANKS RIG UP CASING AND RUN 5.5 LT&C CASING 17# P10 EIGHT ROUND BREAK CIRCULATION EVERY 1000'
05:30	0.50	06:00	5	COND MUD & CIRC	CIR & CON, MUD RIG DOWN CASING CREW

15-5D-35 BTR 7/17/2013 06:00 - 7/18/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.50	11:30	5	COND MUD & CIRC	CIRCULATE MUD LOWER GELS AND PV/YP FOR CEMENTING CIRCULATE 3 CIRCUALTIONS
11:30	6.00	17:30	12	RUN CASING & CEMENT	HAVE SAFETY MEETING WITH HALLIBURTON AND CEMENT FILL LINES TEST LINES TO 5000 PSI 60 BBLS @ 12.3 PPG 6.61/40.94 YLD/GALSK SPACER 483 BBLS (1335 SKS) @ 12.5 PPG 2.03/10.83 YLD/GAL SK LEAD CMT 204 BBLS 790 SKS @ 13.5 PPG 1.45/6.79 YLD/GALSK TAIL CMT DROP PLUG WASH UP 259 BBLS @ 8.33 PPG DISPALCEMENT LAND PLUG @ 2649 500 OVER FLOATS HELD RETURNS THROUGH OUT JOB 150 BBLS OF CEMENT BACK TO SURFACE RIG DOWN CEMENTERS
17:30	2.00	19:30	14	NIPPLE DOWN B.O.P	PICK UP STACK SET SLIPS 30K OVER 190,000 AND CUT OFF 5.5 CASING
19:30	10.50	06:00	21	OPEN	NIPPLE DOWN AND CLEAN PITS RELEASE RIG from BBC @ 6:00 AM on 7/18/2013

15-5D-35 BTR 8/19/2013 06:00 - 8/20/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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.

15-5D-35 BTR 8/20/2013 06:00 - 8/21/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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	LOCL	Lock Wellhead & Secure	WSI And Secured With NightCap. HES Logging Crew Arrive On Location, Hold Safety Meeting, Prep Logging Tool.	
10:00	13.00	23:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 11,078', Drilling Report Shows FC At 11,168', 90' Of Fill. POOH, P/U CBL Tool, Rih To PBDT, 11,078', Run Repeat Section From 11,078 - 11,828', Log Up Hole. Showed Good Bond From TD To 4,300'. TOC 4,300'. Found Short Joins At 10,483 - 10,505, 9,666 - 9,688', And 8,348 - 8,370'. RBT Ran To Surface. RMTE To 3,000'. Ran With Pressure. Pooh, RD Equipment, MOL.	
23:00	7.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.	

15-5D-35 BTR 8/21/2013 06:00 - 8/22/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	LOCL	Lock Wellhead & Secure	WSI And Secured With NightCap. HES Logging Crew Arrive On Location, Hold Safety Meeting, Prep Logging Tool.	
09:00	8.00	17:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 11,073', Drilling Report Shows FC At 11,168', 95' Of Fill. POOH, P/U CBL Tool, Rih To PBDT, 11,073', Run Repeat Section From 11,073 - 10,800', Log Up Hole. Correlated To HES RMTE/RBT Log Dated 08-20-2013. Showed Good Bond From TD To 6,200', 6,200 - 4250' Fair. 4250' - 1800' Ratty. TOC 1800'. Found Short Joins At 10,482 - 10,504, 9,662 - 9,684', And 8,341 - 8,364'. Ran With Pressure. Pooh, RD Equipment, MOL.	
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured.	

15-5D-35 BTR 8/24/2013 06:00 - 8/25/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Working On Facilities. Filling Frac Line. Rig Up FlowBack And SandTrap.	

15-5D-35 BTR 8/25/2013 06:00 - 8/26/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Working On Facilities. NU Frac Mandrel And frac Tree, Test Casing. Plumb In FlowBack And SandTrap, Test. Filling Frac Line.	

15-5D-35 BTR 8/27/2013 06:00 - 8/28/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

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

15-5D-35 BTR 8/28/2013 06:00 - 8/29/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.00	14:00	SRIG	Rig Up/Down	HSM. MIRU SLB. PREP TO PERF STG 1. PINNACLE HAVING ISSUES WITH MONITORING TOOLS. STAND BY WAITING ON PINNACLE. AT 15:30 -- PU GUNS FOR STG 1. RIH AND CORRELATE TO SJ AT 10,483'-10,505'. RUN DOWN AND PERF CR-4, CR-4A, AND CR-5 FORM 10,725'-11,027' WITH 48 HOLES IN 16' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT WELL IN.	
14:00	5.00	19:00	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.	

**Bill Barrett Corporation****Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE

15-5D-35 BTR 8/29/2013 06:00 - 8/30/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51602	Utah	Duchesne	Black Tail Ridge	PRODUCING	11,259.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00		06:00	SMTG	Safety Meeting	HES AOL 04:00. PRIME UP CHEMS. RUN QC ON FLUIDS. HSM. FRAC OPS, PERF OPS, ACTIVITY ON SURROUNDING WELLS.
06:00	0.92	06:55	FRAC	Frac. Job	<p>FRAC STG #1- CR-4, CR-4A, AND CR-5. PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 0 PSI AT 05:30 BREAK DOWN 4349 PSI AT 9.9 BPM. PMP 3900 GAL 15% HCL ACID W/ 96 BIO BALLS FOR DIVERSION. 10.0 BPM AT 3752 PSI. FLUSH W/ 10,472 GAL. 30.2 BPM AT 4868 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.2 BPM AT 5623 PSI. ISDP 3596. FG .77. PERFS OPEN 34/48. CONT FR PAD. 70.7 BPM AT 5762 PSI. STAGE TO .75# 100 MESH. 70.3 BPM AT 6175 PSI. ON PERFS 70.2 BPM AT 6127 PSI. STAGE TO 1# 20/40 SLC. 70.2 BPM AT 5944 PSI. ON PERF 70.3 BPM AT 5726 PSI. STAGE TO 2# 20/40 SLC. 70.2 BPM AT 5688 PSI. ON PERFS 70.2 BPM AT 5488 PSI. STAGE TO 3# 20/40 SLC. 70.2 BPM AT 5427 PSI. ON PERFS 70.2 BPM AT 5242 PSI. STAGE TO 3.5# 20/40 SLC. 70.2 BPM AT 5224 PSI. ON PERFS 70.3 BPM AT 5180 PSI. NET PRES START INCREASE. EXTENDED 3.5#. NET PRES ROLLED OVER AND CAME DOWN. STAGE TO 4# 20/40 SLC. 70.3 BPM AT 5161 PSI. ON PERFS 70.9 BPM AT 5506 PSI. FLUSH 70.8 BPM AT 5607 PSI. WSI WITH 3900 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 3853, FG .79, MR 70.7 BPM, MP 6290 PSI, AR 70.4 BPM, AP 5646 PSI, PMP 15,000 LBS 100 MESH AND 160,000 LBS 20/40 PROPSTAR. SLK WTR 71,708 GAL, 25# HYBOR G (21) 86,795 GAL TOTAL FLUID 162,482 GAL, BWTR 3868 BBLS. PMP 250 LBS SCALE SORB 3. CHEMICAL TRACER-- 20 CUPS CFT 1200</p>
06:55	1.67	08:35	PFRT	Perforating	PERF STG #2- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 3100 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 10,483'-10,505'. RUN DOWN AND SET CBP AT 10,717' WITH 2800 PSI. PULL UP AND PERF CR-3 AND CR-4 FORM 10,430'-10,697' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2350 PSI.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:35	1.92	10:30	FRAC	Frac. Job	<p>FRAC STG #2- CR-3 AND CR-4. PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 1536 PSI AT 09:10 BREAK DOWN 4304 PSI AT 10.3 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.4 BPM AT 3646 PSI. FLUSH W/ 10,184 GAL. 30.6 BPM AT 4564 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.1 BPM AT 5417 PSI. ISDP 2911. FG .71. PERFS OPEN 29/45. CONT FR PAD. 70.9 BPM AT 5363 PSI. STAGE TO .75# 100 MESH. 70.4 BPM AT 5499 PSI. ON PERFS 70.4 BPM AT 5786 PSI. STAGE TO 1# 20/40 SLC. 70.3 BPM AT 5817 PSI. ON PERF 70.4 BPM AT 5540 PSI. STAGE TO 2# 20/40 SLC. 70.3 BPM AT 5347 PSI. ON PERFS 70.3 BPM AT 5260 PSI. STAGE TO 3# 20/40 SLC. 70.3 BPM AT 5093 PSI. ON PERFS 70.3 BPM AT 5062 PSI. STAGE TO 3.5# 20/40 SLC. 70.3 BPM AT 5052 PSI. ON PERFS 70.3 BPM AT 5011 PSI. NET PRES START INCREASE. EXTENDED 3.5#. NET PRES ROLLED OVER AND CAME DOWN. STAGE TO 4# 20/40 SLC. 70.3 BPM AT 5019 PSI. ON PERFS 70.8 BPM AT 5130 PSI. FLUSH 70.9 BPM AT 5460 PSI. WSI WITH 3300 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 3255, FG .75, MR 71.0 BPM, MP 5818 PSI, AR 70.1 BPM, AP 5346 PSI, PMP 14,100 LBS 100 MESH AND 150,100 LBS 20/40 PROPSTAR. SLK WTR 65,904 GAL, 25# HYBOR G (21) 81,663 GAL TOTAL FLUID 151,523 GAL, BWTR 3607 BBLs. PMP 250 LBS SCALE SORB 3. CHEMICAL TRACER 18.5 CUPS CFT 1200</p>
10:30	1.50	12:00	PFRT	Perforating	<p>PERF STG #3- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 3800 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 9666'-9688'. RUN DOWN AND SET CBP AT 10,420' WITH 3500 PSI. PULL UP AND PERF CR-2 AND CR-3 FORM 10,138'-10400' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2250 PSI.</p>
12:00	1.50	13:30	FRAC	Frac. Job	<p>FRAC STG #3- CR-2 AND CR-3. PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 531 PSI AT 12:08 BREAK DOWN 3793 PSI AT 10.4 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.5 BPM AT 3237 PSI. FLUSH W/ 9899 GAL. 30.8 BPM AT 4128 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.0 BPM AT 5235 PSI. ISDP 2817. FG .71. PERFS OPEN 30/45. CONT FR PAD. 71.0 BPM AT 5079 PSI. STAGE TO .75# 100 MESH. 70.7 BPM AT 5268 PSI. ON PERFS 70.6 BPM AT 5437 PSI. STAGE TO 1# 20/40 SLC. 70.5 BPM AT 5422 PSI. ON PERF 70.5 BPM AT 5177 PSI. STAGE TO 2# 20/40 SLC. 70.5 BPM AT 5044 PSI. ON PERFS 70.4 BPM AT 4861 PSI. STAGE TO 3# 20/40 SLC. 70.3 BPM AT 4779 PSI. ON PERFS 70.4 BPM AT 4740 PSI. STAGE TO 3.5# 20/40 SLC. 70.4 BPM AT 4749 PSI. ON PERFS 70.4 BPM AT 4773 PSI. STAGE TO 4# 20/40 SLC. 70.3 BPM AT 4778 PSI. ON PERFS 70.3 BPM AT 4814 PSI. FLUSH 70.8 BPM AT 5938 PSI. WSI WITH 3100 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 3098, FG .74, MR 71.1 BPM, MP 5469 PSI, AR 70.6 BPM, AP 5049 PSI, PMP 14,000 LBS 100 MESH AND 150,200 LBS 20/40 PROPSTAR. SLK WTR 64,492 GAL, 22# HYBOR G (18) 81,856 GAL TOTAL FLUID 150,294 GAL, BWTR 3578 BBLs. PMP 250 LBS SCALE SORB 3. CHEMICAL TRACER 18.5 CUPS CFT 1200</p>



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
13:30	1.42	14:55	PFRT	Perforating	PERF STG #4- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 3500 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 9666'-9688'. RUN DOWN AND SET CBP AT 10,105' WITH 3100 PSI. PULL UP AND PERF WASATCH AND CR-2 FORM 9770'-10,085' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2800 PSI.
14:55	1.58	16:30	FRAC	Frac. Job	<p>FRAC STG #4- WASATCH AND CR-2. PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 2704 PSI AT 15:09 BREAK DOWN 3607 PSI AT 10.0 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.4 BPM AT 2934 PSI. FLUSH W/ 9539 GAL. 30.3 BPM AT 3613 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.0 BPM AT 4786 PSI. ISDP 2354. FG .68. PERFS OPEN 29/45. CONT FR PAD. 71.0 BPM AT 4798 PSI. STAGE TO .75# 100 MESH. 71.0 BPM AT 4936 PSI. ON PERFS 70.8 BPM AT 4963 PSI. STAGE TO 1# 20/40 WHITE. 70.7 BPM AT 4759 PSI. ON PERF 70.8 BPM AT 4507 PSI. STAGE TO 2# 20/40 WHITE. 70.8 BPM AT 4452 PSI. ON PERFS 70.9 BPM AT 4275 PSI. STAGE TO 3# 20/40 WITE. 70.8 BPM AT 4205 PSI. ON PERFS 70.8 BPM AT 4086 PSI. STAGE TO 3.5# 20/40 WHITE. 70.8 BPM AT 4069 PSI. ON PERFS 70.8 BPM AT 4012 PSI. STAGE TO 4# 20/40 WHITE. 70.7 BPM AT 3998 PSI. ON PERFS 70.8 BPM AT 3981 PSI. FLUSH 71.1 BPM AT 4649 PSI. WSI WITH 2500 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 2396, FG .68, MR 71.2 BPM, MP 5107 PSI, AR 70.6 BPM, AP 4526 PSI, PMP 12,800 LBS 100 MESH AND 160,100 LBS 20/40 WHITE. SLK WTR 66,844 GAL, 20# HYBOR G (16) 85,728 GAL TOTAL FLUID 156,540 GAL, BWTR 3727 BBLs. PMP 250 LBS SCALE SORB 3. CHEMICAL TRACER 19 CUPS CFT 1200</p>
16:30	1.42	17:55	PFRT	Perforating	PERF STG #5- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 5 INTO LUBE AND EQUALIZE 3000 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 9666'-9688'. RUN DOWN AND SET CBP AT 9765' WITH 2850 PSI. PULL UP AND PERF CR-1 FORM 9487'-9745' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2600 PSI.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
17:55	1.33	19:15	FRAC	Frac. Job	FRAC STG #5- CR-1. PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 2308 PSI AT 18:00 BREAK DOWN 2540 PSI AT 10.0 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.3 BPM AT 2398 PSI. FLUSH W/ 9539 GAL. 30.6 BPM AT 3033 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.4 BPM AT 4075 PSI. ISDP 1994. FG .65. PERFS OPEN 33/45. CONT FR PAD. 71.4 BPM AT 4062 PSI. STAGE TO .75# 100 MESH. 71.2 BPM AT 4061 PSI. ON PERFS 71.1 BPM AT 4258 PSI. STAGE TO 1# 20/40 WHITE. 71.0 BPM AT 4220 PSI. ON PERF 71.0 BPM AT 3860 PSI. STAGE TO 2# 20/40 WHITE. 71.0 BPM AT 3819 PSI. ON PERFS 71.1 BPM AT 3727 PSI. STAGE TO 3# 20/40 WHITE. 71.0 BPM AT 3662 PSI. ON PERFS 71.0 BPM AT 3542 PSI. STAGE TO 3.5# 20/40 WHITE. 71.0 BPM AT 3522 PSI. ON PERFS 71.0 BPM AT 3455 PSI. STAGE TO 4# 20/40 WHITE. 71.0 BPM AT 3452 PSI. ON PERFS 70.9 BPM AT 3430 PSI. FLUSH 71.4 BPM AT 4053 PSI. WSI WITH 1900 PSI. TURN OVER TO WIRELINE. ISDP 1825, FG .63, MR 71.6 BPM, MP 4385 PSI, AR 71.1 BPM, AP 3882 PSI, PMP 14,100 LBS 100 MESH AND 150,300 LBS 20/40 WHITE. SLK WTR 62,987 GAL, 20# HYBOR G (16) 80,515 GAL TOTAL FLUID 147,377 GAL, BWTR 3508 BBLS. PMP 250 LBS SCALE SORB 3. CHEMICAL TRACER 18 CUPS CFT 1300
19:15	1.42	20:40	PFRT	Perforating	PERF STG #6- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 6 INTO LUBE AND EQUALIZE 2100 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8348'-8370'. RUN DOWN AND SET CBP AT 9482' WITH 1750 PSI. PULL UP AND PERF CASTLE PEAK, UTELAND BUTTE, AND CR-1 FORM 9241'-9464' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. 1550 PSI AFTER PERFS. SHUT IN AND SECURE WELL.
20:40	9.32	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

15-5D-35 BTR 8/30/2013 06:00 - 8/31/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	SMTG	Safety Meeting	HES AOL 06:00. PRIME UP CHEMS. RUN QC ON FLUIDS. HSM. FRAC OPS, PERF OPS, ACTIVITY ON SURROUNDING WELLS. PRIME UP CHEMS.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:45	1.25	08:00	FRAC	Frac. Job	<p>FRAC STG #6- CASTLE PEAK, UTELAND BUTTE, AND CR-1. PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 669 PSI AT 06:47 BREAK DOWN 2052 PSI AT 10.2 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.3 BPM AT 2013 PSI. FLUSH W/ 9023 GAL. 30.5 BPM AT 2789 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 69.0 BPM AT 3598 PSI. ISDP 1690. FG .62. PERFS OPEN 33/45. CONT FR PAD. 71.5 BPM AT 3699 PSI. STAGE TO .75# 100 MESH. 71.3 BPM AT 3796 PSI. ON PERFS 71.2 BPM AT 4010 PSI. STAGE TO 1# 20/40 WHITE. 71.3 BPM AT 4069 PSI. ON PERF 71.1 BPM AT 3832 PSI. STAGE TO 2# 20/40 WHITE. 71.1 BPM AT 3778 PSI. ON PERFS 71.2 BPM AT 3591 PSI. STAGE TO 3# 20/40 WHITE. 71.1 BPM AT 3557 PSI. ON PERFS 71.1 BPM AT 3412 PSI. STAGE TO 3.5# 20/40 WHITE. 71.0 BPM AT 3400 PSI. ON PERFS 71.2 BPM AT 3346 PSI. STAGE TO 4# 20/40 WHITE. 71.1 BPM AT 3346 PSI. ON PERFS 71.1 BPM AT 3328 PSI. FLUSH 71.4 BPM AT 4007 PSI. WSI WITH 1700 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 1762, FG .63, MR 71.6 BPM, MP 4073 PSI, AR 71.3 BPM, AP 3670 PSI, PMP 13,100 LBS 100 MESH AND 140,400 LBS 20/40 WHITE. SLK WTR 59,699 GAL, 20# HYBOR G (16) 77,015 GAL TOTAL FLUID 140,597 GAL, BWTR 3347 BBLS. PMP 250 LBS SCALE SORB 3. CHEMICAL TRACER 19 CUPS CFT1300</p>
08:00	1.34	09:20	PFRT	Perforating	<p>PERF STG #7- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 7 INTO LUBE AND EQUALIZE 2200 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8348'-8370'. RUN DOWN AND SET CBP AT 9277' WITH 1800 PSI. PULL UP AND PERF BLACK SHALE AND CASTLE PEAK FORM 8970'-9207' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TUEN OVER TO HES WITH 1500 PSI.</p>
09:20	1.66	11:00	FRAC	Frac. Job	<p>FRAC STG #7- BLACK SHALE AND CASTLE PEAK. PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 1296 PSI AT 09:33 BREAK DOWN 1903 PSI AT 10.2 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.3 BPM AT 1769 PSI. FLUSH W/ 8758 GAL. 30.6 BPM AT 2524 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.6 BPM AT 3818 PSI. ISDP 1542. FG .61. PERFS OPEN 30/45. CONT FR PAD. 70.7 BPM AT 3477 PSI. STAGE TO .75# 100 MESH. 70.4 BPM AT 3684 PSI. ON PERFS 70.3 BPM AT 3849 PSI. STAGE TO 1# 20/40 WHITE. 70.3 BPM AT 3841 PSI. ON PERF 70.4 BPM AT 3477 PSI. STAGE TO 2# 20/40 WHITE. 70.2 BPM AT 3446 PSI. ON PERFS 70.2 BPM AT 3176 PSI. STAGE TO 3# 20/40 WHITE. 70.2 BPM AT 3140 PSI. ON PERFS 70.3 BPM AT 3028 PSI. STAGE TO 3.5# 20/40 WHITE. 70.3 BPM AT 3019 PSI. ON PERFS 70.5 BPM AT 2957 PSI. STAGE TO 4# 20/40 WHITE. 70.1 BPM AT 2927 PSI. ON PERFS 70.3 BPM AT 2732 PSI. FLUSH 70.7 BPM AT 3301 PSI. WSI WITH 1300 PSI. BREAK OFF CANDY CANES. TURN OVER TO WIRELINE.</p> <p>ISDP 1320, FG .58, MR 70.8 BPM, MP 3877 PSI, AR 70.3 BPM, AP 3331 PSI, PMP 14,400 LBS 100 MESH AND 126,500 LBS 20/40 WHITE. SLK WTR 58,834 GAL, 20# HYBOR G (16) 79,604 GAL TOTAL FLUID 142,282 GAL, BWTR 3387 BBLS. PMP 250 LBS SCALE SORB 3. CHEMICAL TRACER 18 CUPS CFT 1300</p>

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:00	1.00	12:00	WLWK	Wireline	SETTING KILL PLUG- PU EXELIS 5-1/2" CBP AND SETTING TOOL INTO LUBE AND EQUALIZE 1200 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8348'-8370". RUN DOWN AND SET KILL PLUG AT 8910' WITH 1100 PSI. BLEED OFF WELL AS POOH. SHUT IN AND SECURE WELL.
12:00	2.00	14:00	SRIG	Rig Up/Down	RDMO SLB AND HES. WELL SHUT IN AND SECURE.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

15-5D-35 BTR 8/31/2013 06:00 - 9/1/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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. HOLD SAFETY MEETING.
07:00	1.00	08:00	SRIG	Rig Up/Down	MIRU RIG & EQUIPMENT.
08:00	3.00	11:00	BOPI	Install BOP's	SIWP- 0. N/D FRAC TREE. N/U BOP & HYDRILL. R/U FLOOR & EQUIPMENT. SPOT CATWALK & PIPE RACKS. LOAD 342 JTS 2-7/8 TBG ON RACKS & TALLY TBG.
11:00	4.00	15:00	RUTB	Run Tubing	P/U 4-3/4 BIT, POBS, 1 JT 2-7/8 TBG & 2.31 XN- NIPPLE. RIH P/U 2-7/8 L-80 TBG TO KILL PLUG @ 8910'
15:00	3.00	18:00	DOPG	Drill Out Plugs	R/U POWER SWIVEL. BREAK CIRC. TEST CIRC EQUIPMENT & BOPE TO 3500 PSI, HELD GOOD. D/O KILL PLUG @ 8910'. WELL WENT ON SLIGHT VACUUM. SWIVEL IN HOLE. TAG FILL @ 9203'. C/O SAND & D/O CBP @ 9227'. CIRC WELL CLEAN. R/D SWIVEL. WELL ON SLIGHT VACUUM. PULL ABOVE PERFS. SWIFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL WELL SECURE.

15-5D-35 BTR 9/1/2013 06:00 - 9/2/2013 06:00

API/UWI 43-013-51602	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,259.0	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. HOLD SAFETY MEETING.
07:00	4.00	11:00	DOPG	Drill Out Plugs	SICP- 50. RIH F/ TOP OF PERFS W/ 4-3/4 BIT. TAG SAND @ 9364'. R/U SWIVEL. BREAK CIRC. C/O SAND & D/O CBP @ 9482'. FCP- 0. SWIVEL IN HOLE, TAG SAND @ 9730'. C/O SAND & D/O CBP @ 9765'. FCP- 0. SWIVEL IN HOLE, TAG SAND @ 10,072'. C/O SAND & D/O CBP @ 10,105'. FCP- 1200 ON 16/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 10,351'. C/O SAND & D/O CBP @ 10,420'. FCP- 1400 ON 16/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 10,672'. C/O SAND & D/O CBP @ 10,712'. FCP- 1600 ON 16/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 11,032'. C/O SAND TO F/C @ 11,168'. D/O F/C & C/O CMT TO 11,175', PBT.D.128' OF RAT HOLE. CIRC WELL CLEAN. R/D SWIVEL.
11:00	1.00	12:00	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 8900' & LAND TBG. 267 JTS TOTAL IN HOLE.
12:00	2.00	14:00	IWHD	Install Wellhead	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF. R/U TBG TO SALES LINE.
14:00	2.50	16:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.
16:30	1.50	18:00	CTUW	W/L Operation	R/U DELSCO W/L. RIH W/ 1-1/2" SINKER BARS TO 11,175'. PBT.D. POOH. R/D DELSCO. TURN WELL OVER TO FLOW BACK. SICP- 1800. TFP- 600 ON 18/64 CHOKE. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	TBG OPEN TO SALES.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	RD/MIRU/LD TOP DRIVE & TRACK, MUD TANKS, GEN SETS, UPRIGHTS, PIPE TUBS, CHOKE HOUSE, GAS BUSTER, BAR HOPPER, LAY DERRICK OVER	
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	RU SUBS, MUD TANKS, PRE-MIX, PUMPS, GEN SETS, DIESEL TANKS, PUT DERRICK TOGETHER, RUN ELECTRICAL & WATER	
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	19.00	01:00	1	RIGUP & TEARDOWN	RAISE DERRICK, PU TOP DRIVE/RU PITS, GAS BUSTER, CATWALK, FLOOR, STAND PIPE, FLARE LINES, CHOKE HOUSE, CONDUCTOR, BUILD SPUD MUD/DAY WORK @ 1:00 5/21/13	
01:00	3.50	04:30	21	OPEN	PUT BHA ON RACKS/SLM, I.D., O.D., F.N.	
04:30	1.50	06:00	20	DIRECTIONAL WORK	PU DIRECTIONAL TOOLS/SCRIBE, ORIENTATE/MU BIT	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.50	06:30	5	COND MUD & CIRC	BREAK CIRC. CHECK FOR LEAKS	
06:30	0.50	07:00	2	DRILL ACTUAL	DRILL ACTUAL/ 98'-178'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 160	
07:00	1.00	08:00	6	TRIPS	PU 8" MONEL, 3-PT REAMER, 8" D.C.	
08:00	0.50	08:30	2	DRILL ACTUAL	DRILL ACTUAL/ 178'-246'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 136	
08:30	0.50	09:00	6	TRIPS	PU 8" D.C., XO, 6" D.C.	
09:00	0.50	09:30	2	DRILL ACTUAL	DRILL ACTUAL/ 246'-311'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 130	
09:30	1.00	10:30	5	COND MUD & CIRC	CIRC	
10:30	2.00	12:30	2	DRILL ACTUAL	DRILL ACTUAL/ 311'-495'/ WOB 15K-18K/PUMP #1 0 / PUMP #2 110/ ROT RPM 45/ BIT RPM 67/ ROP 92	
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE/INSTALL ROT RUBBER	
13:00	17.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 495'-2,224'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 101.70	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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/ 2,224'-2,620'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 56.57	
13:00	0.50	13:30	5	COND MUD & CIRC	LOST RETURNS @ 2,620' SENT SWEEPS REGAINED RETURNS	
13:30	2.00	15:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,620'-2,730'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 55.0	
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE	
16:00	0.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,730'-2,773'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 86	
16:30	2.00	18:30	5	COND MUD & CIRC	LOST CIRC 2,773'/SEND SWEEPS PULL SCREENS BRING LCM UP TO 20% IN ACTIVE	
18:30	11.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,773'-3,142'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 32.08	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,142'-3,206'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 42.66
07:30	0.50	08:00	5	COND MUD & CIRC	CIRC BTMS UP PUMP SLUG
08:00	3.50	11:30	6	TRIPS	TOOH W/ BIT #1
11:30	0.50	12:00	20	DIRECTIONAL WORK	CHANGE OUT BIT & INSPECT MUD MTR
12:00	2.00	14:00	6	TRIPS	TIH W/ BIT #2
14:00	13.00	03:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,206'-3,606'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 30.76
03:00	3.00	06:00	6	TRIPS	TOOH W/BIT #2 F/MUD MTR

5-5D-35 BTR 5/24/2013 06:00 - 5/25/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	6	TRIPS	TOOH W/ BIT #2 F/MUD MOTOR
07:00	0.50	07:30	20	DIRECTIONAL WORK	XO MUD MOTOR/SCRIBE & ORIENTATE
07:30	3.00	10:30	6	TRIPS	TIH W/ BHA #3
10:30	4.50	15:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,606'-3,773'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 37.11
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	7.00	22:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,773'-4,015'/ WOB 15K-18K/PUMP #1 120 / PUMP #2 0/ ROT RPM 45/ BIT RPM 98/ ROP 34.57
22:30	0.50	23:00	5	COND MUD & CIRC	CIRC SWEEP TO SURFACE
23:00	0.50	23:30	6	TRIPS	WIPER TRIP
23:30	1.00	00:30	5	COND MUD & CIRC	CIRC SWEEP TO SURFACE
00:30	2.00	02:30	6	TRIPS	TOOH W/ BHA #3
02:30	1.50	04:00	20	DIRECTIONAL WORK	LD ALL 8" DIR. TOOLS
04:00	2.00	06:00	12	RUN CASING & CEMENT	RU CASING CREW/HELD SAFETY MEETING/RUN 9-5/8" 36# J-55 STC Rng3 SURFACE CASING

5-5D-35 BTR 5/25/2013 06:00 - 5/26/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	12	RUN CASING & CEMENT	RUN 9 5/8 CSG - CSG SET @ 4011'
12:30	0.50	13:00	5	COND MUD & CIRC	CIRC
13:00	4.00	17:00	12	RUN CASING & CEMENT	S/M - R/U CEMENTERS - TEST LINES @ 5000 PSI, PUMP 20 BBLS WATER, 40 BBLS SUPERFLUSH, 20 BBLS WATER, 394 BBLS 700 SKS 11.0 PPG 3.16 YIELD LEAD CEMENT MIXED @ 19.48 GAL/SK, 58 BBLS 245 SKS 14.8 PPG, 1.33 YIELD TAIL CEMENT MIXED @ 6.31 GAL/SK, SHUT DOWN DROP PLUG & DISPLACE W/307.3 BBLS WATER, FINAL LIFT PRESSURE (380 PSI) BUMM PLUG W/ (900 PSI) - FLOATS HELD - NO RETURNS DURING JOB
17:00	2.00	19:00	13	WAIT ON CEMENT	WOC
19:00	1.00	20:00	12	RUN CASING & CEMENT	PUMP 40 BBLS 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
20:00	1.50	21:30	13	WAIT ON CEMENT	WOC
21:30	0.50	22:00	12	RUN CASING & CEMENT	PUMP 36 BBLS 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
22:00	2.00	00:00	13	WAIT ON CEMENT	WOC
00:00	0.50	00:30	12	RUN CASING & CEMENT	PUMP 36 BBLS 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
00:30	1.50	02:00	13	WAIT ON CEMENT	WOC
02:00	0.50	02:30	12	RUN CASING & CEMENT	PUMP 36 BBLS 175 SKS 15.8 PPG 1.17 YIELD TOP OUT CEMENT MIXED @ 5.02 GAL/SK
02:30	2.00	04:30	13	WAIT ON CEMENT	WOC
04:30	1.50	06:00	21	OPEN	CUT OFF CSG R/D CONDUCTOR - WELD ON WELL HEAD

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	21	OPEN	WELD ON WELL HEAD
08:00	2.00	10:00	14	NIPPLE UP B.O.P	NIPPLE UP BOP
10:00	4.50	14:30	15	TEST B.O.P	R/U TESTER & TEST BOP - PIPE RAMS, BLIND RAMS, HCR INSIDE CHOKE VALVES, CHOKE MANIFOLD, OYTSIDE VALVES, KILL LINE, FOSV, INSIDE BOP, UPPER KELLY, LOWER KELLY ALL @ 10MIN 5000 PSI HIGH 5MIN 250 PSI LOW, ANNULAR @ 10MIN 2500 PSI HIGH 5MIN 250 PSI LOW, CSG @ 30MIN 1500 PSI - R/D TESTER
14:30	0.50	15:00	21	OPEN	SET WEAR BUSHING
15:00	1.00	16:00	20	DIRECTIONAL WORK	P/U MUD MOTOR - M/U BIT - P/U DIR TOOLS - LOAD MWD TOOL & OREINT SAME
16:00	2.00	18:00	6	TRIPS	T.I.H.
18:00	0.50	18:30	5	COND MUD & CIRC	BREAK CIRC
18:30	1.00	19:30	2	DRILL ACTUAL	DRLG CEMENT & FLOAT EQUIPMENT W/320 GPM, 30 RPM, & 6-10K WT ON BIT
19:30	0.50	20:00	2	DRILL ACTUAL	W/320 GPM, 30 RPM, 10K WT ON BIT, 100-175 DIFF PRESS
20:00	2.00	22:00	21	OPEN	P/U INTO CSG - WAITING ON PASON TO REPLACE DOG HOUSE
22:00	1.00	23:00	21	OPEN	EMW TO 10.5 W/ 8.5 PPG WUD WT - SPOT LCM PILL - CLOSE ANNULAR & USE BOP TESTER PUMP TO BRING PRESSURE TO 420 PSI UNABLE TO TO REACH DESIRED PRESSURE MAX PRESSURE 325 PSI BLED OFF TO 125 PSI=9.2 PPG EMW
23:00	7.00	06:00	2	DRILL ACTUAL	W/550 GPM, 55 RPM, 16K WT ON BIT, 150-250 DIFF PRESS 3K TQ

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	W/480 GPM, 50 RPM, 18K WT ON BIT, 200-450 DIFF PRESS 5K TQ
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SERVICE
14:30	15.00	05:30	2	DRILL ACTUAL	W/420 GPM, 50 RPM, 21K WT ON BIT, 150-300 DIFF PRESS, 5K TQ
05:30	0.50	06:00	5	COND MUD & CIRC	CIRC - BUILD SLUG FOR T.O.O.H.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	T.O.O.H. F/5975' T/0'
09:30	1.00	10:30	20	DIRECTIONAL WORK	BREAK BIT - L/D MUD MOTOR - P/U NE MD MOTOR - M/U BIT - OREINT MWD TOOL
10:30	1.50	12:00	6	TRIPS	T.I.H. F/0' T/4000'
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	5.50	18:00	8	REPAIR RIG	DOWN TIME WORKING ON SCR/VFD ELECTRICAL POWER SHARING ISSUE
18:00	0.50	18:30	6	TRIPS	T.I.H.
18:30	8.50	03:00	2	DRILL ACTUAL	W/500 GPM, 55 RPM, 20K WT ON BIT, 100-300 DIFF PRESS, 6K TQ
03:00	1.00	04:00	5	COND MUD & CIRC	CIRC - BUILD SLUG
04:00	2.00	06:00	6	TRIPS	T.O.O.H. F/6348' T/1000' - TRIPPING FOR LARGER BEND MUD MOTOR (UNABLE TO GET BUILD RATES WITH CURRENT MUD MOTOR)

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	7	LUBRICATE RIG	RIG SERVICE
06:30	1.00	07:30	20	DIRECTIONAL WORK	L/D MUD MOTOR - P/U NEW MUD MOTOR & ADJUST TO 1.83*
07:30	3.50	11:00	6	TRIPS	T.I.H. F/0' T/6348'
11:00	19.00	06:00	2	DRILL ACTUAL	W/500 GPM, 40 RPM, 20K WT ON BIT, 140-325 DIFF PRESS, 9K TQ

**5-5D-35 BTR 5/30/2013 06:00 - 5/31/2013 06:00**

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	W/450 GPM, 50 RPM, 20K WT ON BIT, 150-250 DIFF PRESS, 10K TQ
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	16.50	06:00	2	DRILL ACTUAL	W/435 GPM, 50 RPM, 20-24K WT ON BIT, 150-275 DIFF PRESS, 10K TQ

5-5D-35 BTR 5/31/2013 06:00 - 6/1/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	5	COND MUD & CIRC	CIRC B/U
06:30	4.50	11:00	6	TRIPS	T.O.O.H. F/9363' T/0'
11:00	1.00	12:00	20	DIRECTIONAL WORK	CHECK MUD MOTOR - CHANGE OUT BIT - CHANGE BATTERIES IN MWD TOOL ORIENT SAME
12:00	0.50	12:30	6	TRIPS	T.I.H. F/0' T/900'
12:30	1.00	13:30	9	CUT OFF DRILL LINE	CUT & SLIP 22 WRAPS DRILL LINE
13:30	4.00	17:30	6	TRIPS	T.I.H. F/900' T/9363'
17:30	12.50	06:00	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 18K WT ON BIT, 125-250 DIFF PRESS, 12K TQ

5-5D-35 BTR 6/1/2013 06:00 - 6/2/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	W/415 GPM, 50 RPM, 26K WT ON BIT
14:30	0.50	15:00	5	COND MUD & CIRC	CIRC B/U
15:00	3.50	18:30	6	TRIPS	T.O.O.H. F/10159' T/0'
18:30	5.00	23:30	6	TRIPS	CHANGE OUT BIT - T.I.H. F/0' T/10159'
23:30	6.50	06:00	2	DRILL ACTUAL	W/410 GPM, 45 RPM, 18K WT ON BIT, 100-250 DIFF PRESS, 10K TQ

5-5D-35 BTR 6/2/2013 06:00 - 6/3/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	W/375 GPM, 45 RPM, 26K WT ON BIT, 80-250 DIFF PRESS, 11K TQ
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	8.00	21:30	2	DRILL ACTUAL	W/ 375 GPM, 45 RPM, 30K WT ON BIT, 100-275 DIFF PRESS, 12K TQ
21:30	2.50	00:00	5	COND MUD & CIRC	CIRC GAS OUT (6000 UNITS WHILE ON THE GAS BUSTER) - RAISE MUD WT FROM 10.6 TO 11.3
00:00	6.00	06:00	2	DRILL ACTUAL	W/ 350 GPM, 45 RPM, 30K WT ON BIT, 125-250 DIFF PRESS

5-5D-35 BTR 6/3/2013 06:00 - 6/4/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	W/350 GPM, 45 RPM, 30K WT ON BIT, 100-275 DIFF PRESS, 12K TQ
12:30	0.50	13:00	5	COND MUD & CIRC	CIRC B/U
13:00	6.00	19:00	6	TRIPS	T.O.O.H. F/11250' T/0' (MUD MOTOR FAILURE) - PUMP OUT FIRST 5 STANDS
19:00	0.50	19:30	20	DIRECTIONAL WORK	L/D MUD MOTOR - P/U NEW MOTOR - M/U BIT & OREINT MWD TOOL
19:30	0.50	20:00	6	TRIPS	T.I.H. F/0' T/575'
20:00	1.00	21:00	8	REPAIR RIG	REPAIR HYD HOSE ON PIPE SPINNERS
21:00	5.50	02:30	6	TRIPS	T.I.H. F/575' T/11250' - BREAK CIRC EVERY 2000'
02:30	3.50	06:00	2	DRILL ACTUAL	W/380 GPM, 60 RPM, 22K WT ON BIT, 150-225 DIFF PRESS, 10K TQ

5-5D-35 BTR 6/4/2013 06:00 - 6/5/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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/380 GPM, 60 RPM, 22K WT ON BIT, 50-150 DIFF PRESS, 11K TQ
09:00	0.50	09:30	7	LUBRICATE RIG	RIG SERVICE
09:30	6.50	16:00	2	DRILL ACTUAL	W/380 GPM, 80 RPM, 24K WT ON BIT, 100-175 DIFF PRESS, 11K TQ
16:00	2.00	18:00	5	COND MUD & CIRC	CIRC - PUMP TWO HIGH VIS SWEEPS
18:00	1.00	19:00	6	TRIPS	WIPER TRIP F/11573' T/10500'
19:00	2.00	21:00	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP
21:00	6.50	03:30	6	TRIPS	T.O.O.H. F/11573' T/0'
03:30	1.00	04:30	20	DIRECTIONAL WORK	L/D DIR TOOLS
04:30	1.50	06:00	11	WIRELINE LOGS	S/M - R/U LOGGERS & LOG

5-5D-35 BTR 6/5/2013 06:00 - 6/6/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	11	WIRELINE LOGS	OH LOGS
13:30	1.00	14:30	6	TRIPS	TIH W/CLEAN UP BIT
14:30	1.00	15:30	9	CUT OFF DRILL LINE	CUT & SLIP 143' DRLG LINE
15:30	2.50	18:00	6	TRIPS	TOOH PACKED OFF FLOAT
18:00	2.00	20:00	6	TRIPS	TIH CIRC 4,000' & 8,000'
20:00	0.50	20:30	7	LUBRICATE RIG	RIG SERVICE
20:30	3.50	00:00	6	TRIPS	TIH WASH LAST 220' TO BTM
00:00	2.50	02:30	5	COND MUD & CIRC	CIRC SWEEPS TO SURFACE/BUILD SLUG/CHANKE OUT BAILS/RU LD TRUCK
02:30	3.50	06:00	6	TRIPS	HELD SAFETY MEETING/ LD DP

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	6	TRIPS	LD DP, HWDP, D.C.
11:00	0.50	11:30	21	OPEN	PULL WEAR BUSHING
11:30	9.50	21:00	12	RUN CASING & CEMENT	HELD SAFETY MEETING/RU CASING CREW/RUN 263 JTS 11,568.59' 5-1/2 P-110 17# 8RD LT&C Rng3 PROD CSG, SHOE @ 11,565'/RD CASING CREW
21:00	5.00	02:00	5	COND MUD & CIRC	CIRCULATE AND WAIT ON HALLIBURTON
02:00	3.50	05:30	12	RUN CASING & CEMENT	RU HALLIBURTON/1ST STAGE TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBL SUPER FLUSH/ 10 BBL H2O SPACER/ 140 SKS 48.87 BBLs 274.39 CU/FT 12.5PPG 1.96 YEILD 10.45 GAL/SK/800 SKS 178.1BBLs 1000.0 CU/FT 14.2PPG 1.25 YEILD 5.37 GAL/SK DISPLACE 266.27 BBLs DISPLACEMENT MUD, FINAL LIFT 1,586,PSI, BUMP PLUG @ 2,500 PSI HELD 3-MIN.FLOATS HELD/DROP BOMB/GOOD RETURNS THROUGH 1ST STAGE
05:30	0.50	06:00	13	WAIT ON CEMENT	WOC

5-5D-35 BTR 6/7/2013 06:00 - 6/7/2013 18:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	13	WAIT ON CEMENT	WOC/WAIT ON BOMB/PUMP ON CASING STRING THROUGH DV TOOL/ NO RETURNS/PUMP 40 SPM UNTIL 08:45 4-HOURS FROM BUMPING 1ST STAGE PLUG/350 LIFT PSI INCREASED FROM 81 PSI
09:00	4.00	13:00	12	RUN CASING & CEMENT	2ND STAGE TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBL SUPER FLUSH/ 10 BBL H2O SPACER/ 915 SKS 319.40 BBLs 1,793.37 CU/FT 12.5PPG 1.96 YEILD 10.48 GAL/SK/ 145 SKS 30.2BBLs 169.56 CU/FT 15.6PPG 1.17 YEILD 5.17 GAL/SK DISPLACE 162.76 BBLs B2O W/BIOCIDE DISPLACEMENT FLUID, FINAL LIFT 1,350 PSI, BUMP PLUG @ 3,400 PSI HELD 3-MIN.FLOATS HELD. NO RETURNS THROUGH 2ND STAGE/RD HALLIBURTON
13:00	2.50	15:30	14	NIPPLE UP B.O.P	PUMPED 5-BBLs ON BACK SIDE OF WELLHEAD AND ESTABLISH RETURNS/FLUSH STACK AND FLOW LINE/FLUID LEVEL DID NOT DROP/ND BOP PU 235K AFTER 1ST STAGE/ SET SLIPS @ 210K 10K OVER ST. WT. AFTER 2ND STAGE/INSTALL NIGHT CAP
15:30	2.50	18:00	21	OPEN	CLEAN PITS AND PREP FOR RIG MOVE/RELEASE RIG @ 18:00 ON 6/7/13

**5-5D-35 BTR 6/12/2013 06:00 - 6/13/2013 06:00**

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	3.00	10:00	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.
10:00	20.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.

5-5D-35 BTR 6/19/2013 06:00 - 6/20/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. JSA
07:00	3.00	10:00	SRIG	Rig Up/Down	RUSU. ND 7" 5K NIGHT CAP. NU 7" 5K BOP AND STRIPPING HEAD. RU FLOOR. RU PUMP
10:00	2.00	12:00	DTIM	Downtime	SPOT HYD WALK. WAIT ON AND SPOT PIPE RACKS.
12:00	1.50	13:30	GOP	General Operations	UNLOAD 373-JTS 2-7/8" L-80 TBG.
13:30	4.00	17:30	RUTB	Run Tubing	MU 4-3/4" BIT, BIT SUB, 1-JT, 2.31 XN. RIH AS MEAS AND PU 222-JTS 2-7/8" L-80 TBG. TAG AT 7037'. LD-1JT.
17:30	0.50	18:00	GOP	General Operations	RU PWR SWIVEL. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

5-5D-35 BTR 6/20/2013 06:00 - 6/21/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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
07:00	1.00	08:00	GOP	General Operations	RU PWR SWIVEL. PU 21 JT. EST REV CIRC. PRES TEST LINES, BOP TO 2500 PSI. GOOD
08:00	2.00	10:00	CLN	Clean Out Hole	TAG AND CLEAN FILL TO DV TOOL (SLM AT 7051'). D/O DV TOOL. CIRC CLEAN. RD PWR SWIVEL.
10:00	6.00	16:00	CLN	Clean Out Hole	RIH AS STOP AND REV CIRC OUT DRLG MUD SEVERAL TIMES TO TAG AT 11,421'.
16:00	1.45	17:27	CLN	Clean Out Hole	RU PWR SWIVEL. AS ATTEMPT TO GET CIRC STRIPPING HEAD RUBBER GAVE UP. NO SPARES. SHUT PIPE RAMS AND REV CIRC CLEAN.
17:27	0.25	17:42	GOP	General Operations	PULL STRIPPING HEAD RUBBER. SECURE WELL FOR NIGHT.
17:42	12.00	05:42	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

5-5D-35 BTR 6/21/2013 06:00 - 6/22/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. JSA.
07:00	2.00	09:00	CLN	Clean Out Hole	INSTALL SH RUBBER. EST REV CIRC. C/O FROM 11,421' TO 11,470' (SLM) TAGGING FC W/ 362-JTS IN. CIRC CLEAN
09:00	7.50	16:30	PULT	Pull Tubing	PRES TEST CSG TO 2500 PSI. GOOD. RD PWR SWIVEL. POOH AS LD TBG. LD XN NIPPLE, 1-JT, BIT SUB, AND BIT.
16:30	1.00	17:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU NIGHT CAP. MOVE PIPE RACKS AND CATWALK. FILL CSG. RACK OUT EQUIP. CLEAN LOC. TO WINDY TO RDSU.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

5-5D-35 BTR 6/22/2013 06:00 - 6/23/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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 Shut In And Secured.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
07:00	2.00	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	7.00	16:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 11,464', Drilling Report Shows FC At 11,474', 10' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 10,464', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 06-05-2013. Run Repeat Section From 11,464 - 11,200', Log Up Hole. Showed Ratty Bond From TD To 11,150, 11,150 - 11,050' Ok, 11,050 - 9,860 Ok To Ratty, 9,860 - 9,250' Good, 9,250 - 7,150' Ratty, 7,150 - 6,300' Ok, 6,300 - 4,350' Ratty. TOC 4,350'. Found Short Joints At 10,868 - 10,890, 9,921 - 9,941 And 8,568 - 8,590'. Ran With Pressure. Pooh, RD Equipment, MOL.	
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured	

5-5D-35 BTR 6/26/2013 06:00 - 6/27/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	FINISH SETTING FRAC LINE. BEGIN FILLING FRAC LINE. INSTALL BACKSIDE MANIFOLD AND HANDRAILS	

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.00	14:00	PTST	Pressure Test	HSM. CHECK PRESSURE. ND NIGHT CAP. NU FRAC MANDREL AND TEST VOILD. NU FRAC VALVES AND HEAD. HOOK UP FLB EQUIP. PRES TEST FB EQUIP. PRES TEST CSG AND VALVES. PRESSURE GOT TO 7000 PSI THEN LOST PRESSURE. BLED DOWN TO 2400 PSI. PRESSURE BACK UP AND WOULD PUMP INTO AT 5700 PSI. BLEED OFF AND ND FRAC STACK.	
14:00	4.50	18:30	SRIG	Rig Up/Down	MIRU STONE RIG 10. N/U BOP. R/U FLOOR & EQUIPMENT. SPOT EQUIP AND MOVE TBG. SDFN.	
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.	

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	PTST	Pressure Test	HSM. CHECK PRESSURE. ND NIGHT CAP. NU FRAC MANDREL AND TEST VOILD. NU FRAC VALVES AND HEAD. HOOK UP FLB EQUIP. PRES TEST FB EQUIP. PRES TEST CSG AND VALVES. PRESSURE GOT TO 7000 PSI THEN LOST PRESSURE. BLED DOWN TO 2400 PSI. PRESSURE BACK UP AND WOULD PUMP INTO AT 5700 PSI. BLEED OFF AND ND FRAC STACK.	
15:00	4.00	19:00	RMOV	Rig Move	MIRU. NU 7" 5K BOP. RU FLOOR. SPOT HYD WALK AND RACKS. MOVE TBG. SDFN	
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.	

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

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51605	UT	Duchesne	Black Tail Ridge	PRODUCING	11,573.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.	
07:00	2.50	09:30	RUTB	Run Tubing	P/U 5-1/2 ARROW SET PKR. RIH P/U 2-7/8 TBG TO 2999'. SET PKR. SET GOOD. RELEASE TAC, WOULD NOT GO DOWN HOLE.	
09:30	1.50	11:00	PULT	Pull Tubing	POOH W/ PKR.	
11:00	4.50	15:30	RUTB	Run Tubing	RIH W/ HD 5-1/2 PKR P/U TBG TO 7210'. SET PKR.	
15:30	2.00	17:30	PTST	Pressure Test	TEST CSG TO 2000 PSI FOR 15 MINS, LOST 1050 PSI. TEST TBG TO 8400 PSI, CSG BUILD UP TO 3000 PSI. COMMUNICATING BY PKR. SET PKR @ 7178'. TEST TBG TO 4000 PSI, COMMUNICATING BY PKR.	
17:30	2.00	19:30	PULT	Pull Tubing	POOH W/ PKR. TEST CSG TO 3000 PSI, LOST 250 PSI IN 15 MIN. SDFN.	
19:30	10.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.
07:00	0.50	07:30	PTST	Pressure Test	TEST 5.5 CSG TO 4000 PSI FOR 15 MINS, LOST 1000 PSI. BLEED DOWN WELL.
07:30	2.00	09:30	RUTB	Run Tubing	RIH W/ 5-5 HP PKR.
09:30	5.50	15:00	GOP	General Operations	CONTINUE TO ISOLATE CSG LEAK. TESTING CSG TO 4000 PSI. CSG HELD GOOD F/ 7088' TO F/C @ 11,473'. UNABLE TO GET A CSG TEST F/ 7088' TO SURFACE. POSSIBLY ANOTHER HOLE UP HIGHER OR PKR LEAKING.
15:00	2.00	17:00	PULT	Pull Tubing	POOH W/ PKR. SDFN.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.
07:00	2.00	09:00	RUTB	Run Tubing	RIH W/ 5-1/2 RBP & PKR. SET TOOLS 7118' & PKR @ 7082'.
09:00	3.00	12:00	GOP	General Operations	TEST TOOLS TO 4000 PSI, HELD GOOD. RELEASE TOOLS. CONTINUE TO ISOLATE CSG LEAK. TESTING CSG TO 4000 PSI. FOUND HOLE BETWEEN 7060' & 7063'. HELD GOOD ABOVE & BELOW HOLE TO 4000 PSI. HOLE BLEEDING OFF 3200 PSI IN 5 MIN. RELEASE TOOLS.
12:00	1.50	13:30	PULT	Pull Tubing	POOH W/ TOOLS. SDFN.
13:30	16.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.
07:00	2.00	09:00	RUTB	Run Tubing	RIH W/ NOTCH COLLAR & 222 JTS 2-7/8 TBG. LAND TBG @ 7057.38.
09:00	1.00	10:00	IWHD	Install Wellhead	N/D BOP. N/U WELLHEAD. SWIFN.
10:00	20.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	CTRL	Crew Travel	NABORS MONTHLY SAFETY MTG. CREW TRAVEL
08:00	0.50	08:30	SMTG	Safety Meeting	HSM. START AND FUEL EQUIP. SPOT IN RIG
08:30	1.00	09:30	SRIG	Rig Up/Down	RUSU.
09:30	1.50	11:00	BOPI	Install BOP's	ND WH. NU BOP. RU FLOOR.
11:00	2.50	13:30	PULT	Pull Tubing	SLM AS POOH W/ 222 JTS TBG.
13:30	2.25	15:45	RUTB	Run Tubing	MU 5-1/2" CSG SCRAPER AND RIH W/ 222 JTS. PU 2 JTS. EOT AT 7110'. WORK CSG SCRAPER THRU DV TOOL AND CSG. CLEAN.
15:45	2.25	18:00	PULT	Pull Tubing	LD 2 JTS AND POOH W/ 222 JTS. LD SCRAPER. SECURE WELL.
18:00	1.00	19:00	GOP	General Operations	MU PUMP LINES. MAINTAINENCE ON RIG.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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
07:00	0.50	07:30	SMTG	Safety Meeting	JSA AND HSM WITH SALTEL ON PATCH PROCEEDURE.
07:30	2.00	09:30	GOP	General Operations	MU SALTEL 5-1/2" PATCH AND SETTING TOOL. RU FILL UP LINE. MU ON 2-JTS, 6' TBG SUB, AND 2 JTS. FILL AND PRES TEST TBG WITH SALTEL.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
09:30	6.00	15:30	RUTB	Run Tubing	RIH W/ PATCH AND TBG, FILLING EVERY OTHER STD. PRES TEST 1/2 WAY IN HOLE. HAVE 220-JTS ABOVE 6' TBG SUB.	
15:30	2.50	18:00	WLWK	Wireline	RU SLB EWL AND RIH. CORRELATE GR TO GET PATCH DEPTH WITH 6' TBG SUB AT 6975'. POOH AND RD SLB EWL.	
18:00	5.00	23:00	GOP	General Operations	PU 1-JT. FILL TBG. MU SALTEL LINE. SPOT PATCH ON DEPTH OF 7050'-7069'. (HAVING PROBLEMS WITH SALTEL PUMP/COMPUTER SYSTEM). PRES TEST TBG. RUPTURE BURST DISK AND SET PATCH WITH 5-SETTING. MOVE TBG TO VERIFY PATCH AS INSTRUCTED BY SALTEL. FINISH SETTING PATCH IN 7 MORE SETTINGS. RUN TOOLS (HAS 4.38" GR ON TOOLS) THRU PATCH. LD 3 JTS. SDFN	
23:00	7.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	CTRL	Crew Travel	CREW HAD 8 HR OFF. CREW TRAVEL. HSM. PROCEDURE FOR PULLING SALTEL TOOLS.	
09:00	3.00	12:00	PULT	Pull Tubing	POOH W/ 220-JTS 2-7/8" L-80 TBG. PULLING 60 FPM AND FILLING HOLE AS PULLING.	
12:00	1.00	13:00	GOP	General Operations	BREAK DOWN SALTEL TOOLS AND RACK OUT SAME.	
13:00	1.00	14:00	DTIM	Downtime	WAIT FOR FRONTIER ENERGY. (STUCK IN ROAD CONSTRUCTION.)	
14:00	2.00	16:00	PTST	Pressure Test	RU FRONTIER. PRES TEST CSG TO 4300 PSI. LOST 120 PSI IN 15 MIN. BLEED OFF AT 200 PSI PER MIN AS PER SALTEL.	
16:00	2.00	18:00	WLWK	Wireline	RU SLB AND RUN 4.0" GR/JB. THRU PATCH AT 7050'-69' CLEAN. RUN DOWN AND TAG PBDT AT 11,464'. POOH. RD WIRELINE. FILL CSG. SDFN.	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.	
07:00	2.50	09:30	RUTB	Run Tubing	RIH W/ 110 STANDS 2 7/8 TBG.	
09:30	5.00	14:30	PULT	Pull Tubing	POOH SLOW L/D 2 7/8 TBG, KEPT CSG FULL WHILE POOH.	
14:30	1.50	16:00	IWHD	Install Wellhead	N/D BOP. N/U FRAC TREE.	
16:00	2.00	18:00	PTST	Pressure Test	R/U CANARY TEST UNIT. TEST 5 1/2 CGS & FRAC TREE TO 8400 PSI FOR 30 MINS, LOST 715 PSI. BLEED WELL OFF 300 PSI A MIN. SWIFN.	
18:00	1.00	19:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.	
19:00	11.00	06:00	SRIG	Rig Up/Down	WELL SECURE. CREW TRAVEL.	

5-5D-35 BTR 8/10/2013 06:00 - 8/11/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	

5-5D-35 BTR 8/30/2013 06:00 - 8/31/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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 FLOW BACK EQUIP. PRES TEST SAME.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	FRAC LINE SET. FILLING FRAC LINE.	

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	FILLING FRAC LINE

5-5D-35 BTR 9/6/2013 06:00 - 9/7/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. Prep For Frac.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. 0 Psi. On Well.
07:00	1.75	08:45	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment, Arm Gun, Rig Up To Well.
08:45	1.25	10:00	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 10,868 - 10,890'. Drop Down To Depth, Perforate Stage 1 CR-5/CR-4A Zone, 11,099 - 11,394'. 45 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
10:00	3.00	13:00	SRIG	Rig Up/Down	HES On Location At 12:00 Hrs. Rig Up Equipment
13:00	16.00	05:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	0.09	06:05	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 21. Open Well, 419 Psi. ICP. BrokeDown At 9.7 Bpm And 4,0804 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 68.3 Bpm And 6,107 Psi., Get ISIP, 3,036 Psi.. 0.71 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 45,031 Gals.. Stage Into .75# 100 Mesh Pad, 74.7 Bpm At 5,808 Psi.. On Perfs, 74.6 Bpm At 6,285 Psi., 17,931 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.6 Bpm At 6,208 Psi.. On Perfs, 74.9 Bpm At 5,829 Psi., 12,054 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.9 Bpm At 5,799 Psi.. On Perfs, 74.7 Bpm At 5,476 Psi., 12,085 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 5,469 Psi.. On Perfs, 74.7 Bpm At 5,260 Psi., 4,032 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 5,460 Psi.. On Perfs, 74.7 Bpm At 5,206 Psi., 13,169 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.8 Bpm At 5,190 Psi.. On Perfs, 74.7 Bpm At 5,185 Psi., 13,618 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,952 Psi.. 0.79 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 13,200# Total 20/40 CRC Prop - 140,100#. Total Clean - 144,655 Gals.. 3,444 Bbls.. Total Produced Water - 69,825 Gals.. Total 2% KCL - 72,889 Gals.. BWTR - 3,610 Bbls. Max. Rate - 75.3 Bpm Avg. Rate - 74.8 Bpm Max. Psi. - 6,321 Psi. Avg. Psi. - 5,689 Psi.</p>
06:05	0.17	06:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
06:15	1.42	07:40	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 10,868 - 10,890'. Drop Down To Depth, Set CFP At 11,076'. 3,600 Psi.. Perforate Stage 2 CR-4/CR-3 Zone, 11,099 - 11,394'. 45 Holes. 3,200 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
07:40	0.08	07:45	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
07:45	1.33	09:05	FRAC	Frac. Job	<p>Frac Stage 2. Fluid System: Hybor G 21. Open Well, 2,240 Psi. ICP. BrokeDown At 15.3 Bpm And 4,169 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.4 Bpm And 6,080 Psi., Get ISIP, 3,064 Psi.. 0.72 Psi./Ft. F.G.. 28/45 Holes. Con't With SlickWater Pad, 53,139 Gals.. Stage Into .75# 100 Mesh Pad, 74.8 Bpm At 5,827 Psi.. On Perfs, 74.3 Bpm At 6,206 Psi., 20,776 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.3 Bpm At 6,145 Psi.. On Perfs, 74.7 Bpm At 5,725 Psi., 11,622 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.7 Bpm At 5,688 Psi.. On Perfs, 74.7 Bpm At 5,304 Psi., 11,761 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 5,285 Psi.. On Perfs, 74.6 Bpm At 5,100 Psi., 13,761 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 5,124 Psi.. On Perfs, 74.6 Bpm At 5,173 Psi., 12,736 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.5 Bpm At 5,238 Psi.. On Perfs, 74.4 Bpm At 5,452 Psi., 12,178 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,075 Psi.. 0.81 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 15,400# Total 20/40 CRC Prop - 162,300#. Total Clean - 161,567 Gals.. 3,847 Bbls.. Total Produced Water - 76,762 Gals.. Total 2% KCL - 82,834 Gals.. BWTR - 4,038 Bbls. Max. Rate - 75.4 Bpm Avg. Rate - 74.5 Bpm Max. Psi. - 6,219 Psi. Avg. Psi. - 5,646 Psi.</p>



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
09:05	0.08	09:10	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
09:10	1.25	10:25	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 9,921 - 9,941'. Drop Down To Depth, Set CFP At 10,616'. 2,400 Psi.. Perforate Stage 3 CR-3 Zone, 10,407 - 10,596'. 39 Holes. 2,600 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
10:25	0.17	10:35	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
10:35	1.08	11:40	FRAC	Frac. Job	Frac Stage 3. Fluid System: Hybor G 18. Open Well, 2,070 Psi. ICP. BrokeDown At 8.9 Bpm And 3,627 Psi.. Pump 3900 Gals. 15% HCL And 78 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.7 Bpm And 5,400 Psi., Get ISIP, 2,933 Psi.. 0.72 Psi./Ft. F.G.. 32/39 Holes. Con't With SlickWater Pad, 45,159 Gals.. Stage Into .75# 100 Mesh Pad, 74.9 Bpm At 5,376 Psi.. On Perfs, 74.9 Bpm At 5,760 Psi., 17,834 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.8 Bpm At 5,795 Psi.. On Perfs, 74.9 Bpm At 5,438 Psi., 11,253 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.9 Bpm At 5,416 Psi.. On Perfs, 74.7 Bpm At 5,052 Psi., 11,314 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.7 Bpm At 5,046 Psi.. On Perfs, 74.6 Bpm At 4,873 Psi., 6,690 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 4,958 Psi.. On Perfs, 74.6 Bpm At 4,889 Psi., 12,370 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.6 Bpm At 4,910 Psi.. On Perfs, 74.6 Bpm At 4,990 Psi., 12,720 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,035 Psi.. 0.73 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 13,300# Total 20/40 CRC Prop - 146,200#. Total Clean - 142,367 Gals.. 3,390 Bbls.. Total Produced Water - 68,246 Gals.. Total 2% KCL - 72,181 Gals.. BWTR - 3,553 Bbls. Max. Rate - 75.5 Bpm Avg. Rate - 74.9 Bpm Max. Psi. - 5,822 Psi. Avg. Psi. - 5,288 Psi.
11:40	0.17	11:50	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
11:50	2.00	13:50	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 06/05/2013 And SLB CBL/CCL Dated 06/22/2013. Found And Correlated To Short Joint At 9,921 - 9,941'. Drop Down To Depth, Set CFP At 10,355'. 3,200 Psi.. Perforate Stage 4 CR-2/Wasatch Zone, 10,060 - 10,335'. 39 Holes. 3 Intervals Left. Set CFP At 10,355'. Perforate Stage 4 CR-2/Wasatch Zone, 10,063 - 10,335', 39 Holes. Designed For 45, Stuck When 10,063 Interval Shot. Tried To Flow Well, Would Bleed Down To 0 Psi., Pumped On Gun From Surface, Made No Hole. Pulled Out Of WeakPoint, POOH. RigDown WireLine Equipment, WSI And Secured.
13:50	1.67	15:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
15:30	14.50	06:00	SRIG	Rig Up/Down	WSI And Secured. SDFD.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	CTUW	W/L Operation	HES And SLB WireLine Arrive On Location, HSM With All Personnel/Contractors. MIRU RMWS Braided WireLine Unit. Check Pressure On Well, 100 Psi., Gas Head. Bleed Down To Tank. RIH With 3.125" OverShot With Mechanical Jars. Tagging Up At 7,050' (Top Of Casing Patch), Attempt To Work Tools, No Luck, POOH. At Surface, Overshot Is Gone, DisConnect Had Been Sheared Allowing Release Of Overshot. Make-Up New DisConnect, RIH To 7,050', Filling Hole With HES Blender. Took 10,000 Gals. To Fill, Then Pumping In At 15-20 Bpm With Blender. Work Over Fish, POOH. No Fish. Make Up 3 7/8" OverShot, RBIH To TOF. WorkOver Fish, Weight Indicated Fish On, POOH. At SurFace, 3.125" OverShot Retrieved. By Looking At Bottom Of OverShot, Indicates Stacking Out On Top Of Casing Patch. RBIH With 3 7/8" OverShot, Attempt To Get Thru Patch, No Luck, POOH. Scarring On Bottom Of OverShot And Slightly Egged. WSI And Secured. On Vacuum.
15:00	3.00	18:00	SRIG	Rig Up/Down	RigDown RMWS And Frac Crew, MOL.
18:00		18:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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. HOLD SAFETY MEETING.
07:00	1.50	08:30	SRIG	Rig Up/Down	MIRU RIG & EQUIPMENT.
08:30	3.50	12:00	BOPI	Install BOP's	N/D FRAC TREE. N/U BOP. R/U FLOOR & EQUIPMENT. SPOT CATWALK & PIPE RACKS. LOAD TBG ON RACKS & TALLY.
12:00	4.50	16:30	RUTB	Run Tubing	P/U 3-11/16 CSG SWEDGE, 1- 3-1/8 D/C, B/S JAR, 4 -3-7/16 D/CS & INTENSIFIER. RIH W/ BHA P/U 2-7/8 TBG 216 JTS, TAG @ 7055'. TOP OF CSG PATCH @ +/- 7050'.
16:30	1.00	17:30	GOP	General Operations	WORK DOWN TO 7056'. MAKING NO HOLE.
17:30	3.00	20:30	PULT	Pull Tubing	POOH W/ SWEDGE & TOOLS. SHOWED SOME WEAR ON SWEDGE. SDFN.
20:30	9.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	2.50	09:30	RUTB	Run Tubing	SICP 300 PSI. BWD. MU FISHING TOOLS OF SPEAR (4.47" GR), STOP RING, BUMPER SUB, JARS, 4) 3-1/2" DC, ACCEL, 6' TBG SUB. RIH W/ TBG.
09:30	0.50	10:00	GOP	General Operations	TAG AND LATCH INTO SLEEVE AT 7056'. JAR ON SLEEVE, STARTED MOVING UPHOLE.
10:00	4.00	14:00	PULT	Pull Tubing	POOH W/ TBG AND FISH TOOLS DRAGGING SLEEVE OUT.
14:00	0.50	14:30	PULT	Pull Tubing	LD SLEEVE AND SPEAR.
14:30	0.50	15:00	RUTB	Run Tubing	MU 4-11/16" OVERSHOT (" GR), BUMPER SUB, JAR, 4) 3-1/2" DC, ACCEL, 6' TBG SUB.
15:00	3.00	18:00	RUTB	Run Tubing	RIH W/ TBG IN DERRICK. PU TBG TO GO THRU DV TOOL (CLEAN) TO 9997 W/ 310 -JTS IN. SECURE WELL FOR NIGHT.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

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

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	RUTB	Run Tubing	SICP 800, SITP 500. BWD. PMP 20 BBLS DOWN TBG. CONT RIH AS PU TBG. WENT PAST WHERE PERF GUN WAS STUCK TO TAG AT 10,305' (PERF GUN SETTING ON CBP) WITH 320-JTS IN.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
08:00	1.00	09:00	GOP	General Operations	WORK OVERSHOT AT FISH TOP. DID NOT FEEL LATCH ON. PMP DOWN TBG AS WORK OVERSHOT AT FISH TOP. NOT MAKING HOLE, NO SAND. WORKED OVERSHOT FOR 1 HR. POSSIBLY LATCHED ON BUT NO SOLID INDICATIONS.	
09:00	5.00	14:00	PULT	Pull Tubing	START POOH W/ TBG. PMP 30 BBLS DOWN CSG. CONT POOH W TBG AND FISHING TOOLS. STD BACK COLLARS. RECOVER PERF GUNS AND SETTING TOOL. LD FISH. LD AND LOAD OUT FISH TOOLS.	
14:00	2.50	16:30	RUTB	Run Tubing	MU TOP OF POBS, 1-JT, 2.31 XN AND RIH W/ 315-JTS 2-7/8" TBG. LAND HANGER W/ EOT AT 10,032'. TBG DETAIL KB 17.00 HANGER .80 315-JTS 2-7/8" 9981.02 2.31 XN 1.15 1-JT 2-7/8" 31.76 TOP OF POBS .80 EOT AT 10,032.69 TOP PERF AT 10,063	
16:30	1.00	17:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. SECURE WELL.	
17:30	1.00	18:30	SRIG	Rig Up/Down	RDSU. RACK OUT EQUIP. ROAD RIG TO 3-5D-35. SDFN	
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.	

5-5D-35 BTR 9/17/2013 06:00 - 9/18/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM	
07:00	2.00	09:00	RMOV	Rig Move	ROAD RIG FROM ROOSEVELT TO LOCATION.	
09:00	1.00	10:00	SRIG	Rig Up/Down	SPOT AND RUSU. SITP 1000#. SICP 800#. START BWD. MAKING GAS. CALL FLOW BACK HAND.	
10:00	3.50	13:30	GOP	General Operations	PREP TREATER. LAY PMP LINE. OPEN CSG TO TREATER AS PUMP 160 BBLS DOWN TBG TO ROLL GAS AND OIL OUT. OPEN CHOKE AS PRES COME DOWN AND TREATER TAKING IT. SPOT CATWALK AND RACKS. MOVE TBG.	
13:30	1.00	14:30	BOPI	Install BOP's	ND WH. NU BOP. RU FLOOR. PUMP 20 BBLS DOWN CSG. PULL HANGER.	
14:30	2.50	17:00	PULT	Pull Tubing	POOH W/ 315-JTS 2-7/8" L-80 TBG, 2.31 XN, 1-JT 2-7/8", AND LD TOP RR POBS.	
17:00	2.00	19:00	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT 2-7/8", 2.31 XN, AND RIH W/ 315-JTS 2-7/8" L-80. WOT AT 10,045'.	
19:00	1.00	20:00	GOP	General Operations	HOOK UP TO PUMP AND PUMP 60 BBLS DOWN TBG.	
20:00	10.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.	

5-5D-35 BTR 9/18/2013 06:00 - 9/19/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	1.50	08:30	RUTB	Run Tubing	SICP 500 PSI. OPEN TO TREATER. INSTALL STRIPPING RUBBER. RIH W/ TBG TO TAG KILL PLUG AT 10,355'. RU DRLG EQUIP.	
08:30	4.00	12:30	DOPG	Drill Out Plugs	PUMP 30 BBLS DOWN TBG. D/O PLUGS. CBP #1 AT 10,355'. NO SAND. D/O IN 15 MIN. FCP 300 PSI ON 25/64". RIH CBP #2 AT 10,616'. NO SAND. D/O IN 15 MIN. FCP 400 PSI ON 25/64". RIH CBP #3 AT 11,076'. NO SAND. D/O IN 17 MIN. FCP 300 PSI ON 25/64". RIH FC AT 11,474'. NO SAND ON FC. D/O FC AND RUN TO SHOE, NO CMT BETWEEN FC AND SHOE. CIRC CLEAN (ONLY HAD PARTIAL RETURNS PUMPING 4 BPM)	
12:30	1.00	13:30	PULT	Pull Tubing	RD PWR SWIVEL. POOH AS LD 56-JTS.	
13:30	1.50	15:00	GOP	General Operations	LAND 7" 5K HANGER. RD FLOOR. ND BOP. NU WH. PMP 65 BBLS DOWN TBG. DID NOT SEE PUMP OFF. TBG DETAIL KB	
15:00	1.00	16:00	WLWK	Wireline	RU DELSCO. RIH TO TAG POBS AT 11,474' (AT FC). COULD NOT BEAT DOWN. POOH AND RD DELSCO. SHUT WELL IN.	
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.	

5-5D-35 BTR 9/19/2013 06:00 - 9/20/2013 06:00

API/UWI 43-013-51605	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 11,573.0	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	4.50	11:30	SWAB	Swab Well Down	SICP 300 PSI. LIGHT TRICKLE ON TBG. RU SWAB EQUIP. MAKE 6 SWAB RUNS TO KICK OFF WELL. IFL AT SURFACE. PULLED 54 BBLs. WELL FLOWING. RD SWAB EQUIP.
11:30	1.00	12:30	SRIG	Rig Up/Down	RDSU. PWOP. TOTAL RECOVERED 104 BBLs. SICP 300, FTP 300 ON 22/64" CHOKE.
12:30	2.00	14:30	RMOV	Rig Move	ROAD RIG TOWARDS 9-32-2-2. (PARKED ON 9-10-3-2). SDFN
14:30	15.50	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL TURNED OVER TO PRODUCTION.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14 20 H62 6526
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: 5-5D-35 BTR
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013516050000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/15/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="earned lease"/>

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

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

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 23, 2015**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/15/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14 20 H62 6526
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 5-5D-35 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013516050000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2245 FNL 0821 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 05 Township: 03.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/16/2017	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input checked="" type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Well was SI on 4/17/15 with a hole in tubing & due to low commodity prices/high failure rates the well has been left SI. On 4/16/16 the well will be SI for 1 year. Current economics don't justify the workover required to RTP. For this reason BBC is requesting an add'l 1 year SI, before a MIT is required, until 4/16/17. Well currently has 5 psi tubing, 1471 psi csg, 2 psi Braden Head. With minimal to zero Braden Head pressure & 1471 psi csg pressure, it is evident that the 5-1/2" production csg has full integrity & all formations are protected. Fluid level was found at 5800ft from surface with TOC at 4350ft. Well is SI at the wellhead & all surface equipment has been drained/winterized. Well is still on an active lease operator route & is checked frequently for any surface & potential downhole issues. Well would be RTP if economics will justify at a higher commodity price before 4/16/17

Accepted by the Utah Division of Oil, Gas and Mining

Date: May 04, 2016

By: *Dark Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/14/2016	

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

Effective Date: 11/1/2016

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

WELL INFORMATION:

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

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

New Operator Contact information:

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

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

Sincerely,

Bill Barrett Corporation

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

Brady Riley
Permit Analyst

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit In Duplicate) Approximate date work will start: <u>11/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> 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

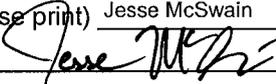
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

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

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

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

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

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

UIC FORM 5

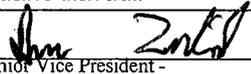
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

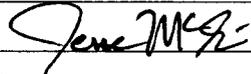
CURRENT OPERATOR

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

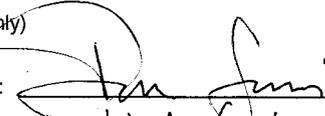
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

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

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

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

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

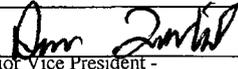
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

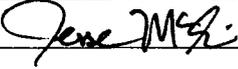
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

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Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

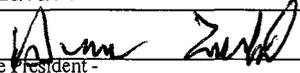
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

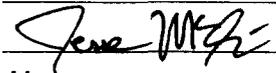
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

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