

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 9-5D-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 Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164					
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 20G0005608			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Bill Barrett Corporation						14. SURFACE OWNER PHONE (if box 12 = 'fee') 303-293-9100					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1099 18th Street, Suite 2300, Denver, CO 80202						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		1965 FSL 661 FEL		NESE	5	3.0 S	5.0 W	U			
Top of Uppermost Producing Zone		1979 FSL 810 FEL		NESE	5	3.0 S	5.0 W	U			
At Total Depth		1980 FSL 810 FEL		NESE	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) 2729			26. PROPOSED DEPTH MD: 11837 TVD: 11834					
27. ELEVATION - GROUND LEVEL 6094			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 - 11837	17.0	P-110 LT&C	9.6	Unknown		830	2.31	11.0
							Unknown		890	1.42	13.5
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Venessa Langmacher			TITLE Senior Permit Analyst			PHONE 303 312-8172					
SIGNATURE			DATE 07/30/2012			EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43013516090000			APPROVAL			 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

9-5D-35 BTR

NE SE, 1965' FSL and 661' FEL, Section 5, T3S-R5W, USB&M (surface hole)

NE SE, 1980' FSL and 810' FEL, 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*	7,480'	7,479'
Douglas Creek	8,296'	8,294'
Black Shale	8,946'	8,944'
Castle Peak	9,076'	9,074'
Uteland Butte	9,451'	9,449'
Wasatch*	9,816'	9,814'
TD	11,837'	11,834'

*PROSPECTIVE PAY

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

Base of Useable Water = 4,309'

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
 9-5D-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: 830 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 3,500' Tail: 890 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 @ 8,546'

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 5909 psi* and maximum anticipated surface pressure equals approximately 3304 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
9-5D-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: 9-5D-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:	11,837'
Top of Cement:	3,500'
Top of Tail:	8,546'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1911.9	ft ³
Lead Fill:	5,046'	
Tail Volume:	1247.0	ft ³
Tail Fill:	3,291'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	830
# SK's Tail:	890

9-5D-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 - (8546' - 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: 5,046'
	Volume: 340.49 bbl
	Proposed Sacks: 830 sks
Tail Cement - (11837' - 8546')	
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: 8,546'
	Calculated Fill: 3,291'
	Volume: 222.09 bbl
	Proposed Sacks: 890 sks

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

BILL BARRETT CORPORATION

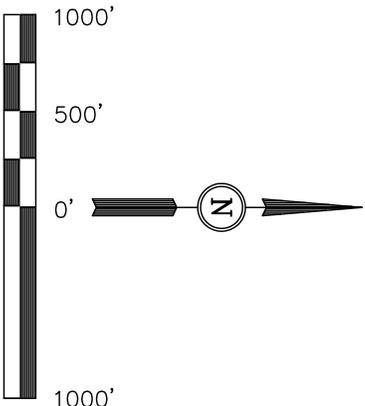
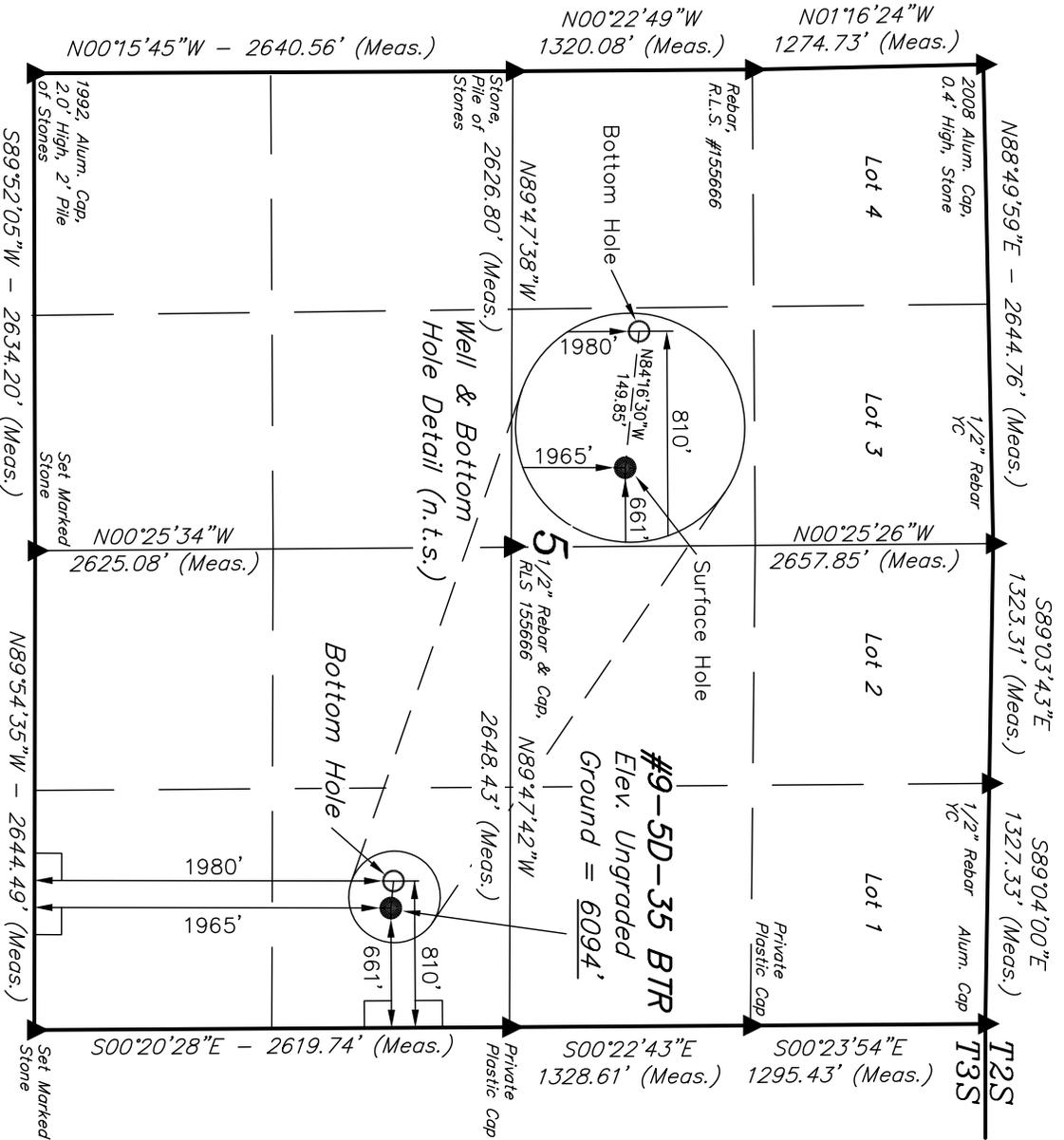
Well location, #9-5D-35 BTR, located as shown in the NE 1/4 SE 1/4 of Section 5, T3S, R5W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, RAW, 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.



CERTIFICATE

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

KAY ROBERTS
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 03-19-12

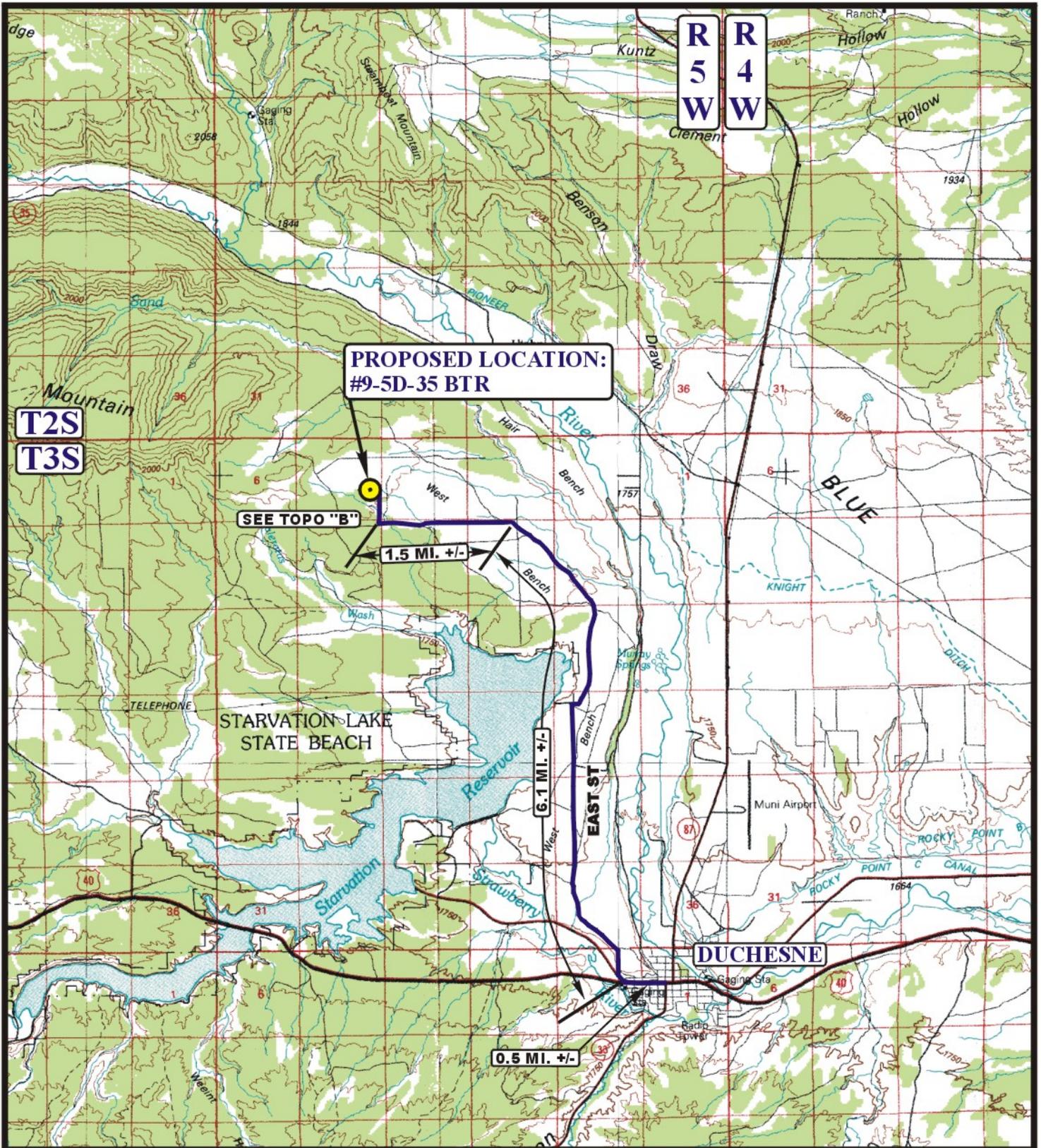
UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'
 DATE SURVEYED: 02-16-12
 DATE DRAWN: 03-02-12

PARTY T.A. M.M. H.K.W.
 REFERENCES G.L.O. PLAT
 WEATHER COOL
 FILE BILL BARRETT CORPORATION

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°14'50.36" (40.247322)	LONGITUDE = 110°28'03.95" (110.467764)	LATITUDE = 40°14'50.22" (40.247283)	LONGITUDE = 110°28'02.03" (110.467231)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°14'50.52" (40.247367)	LONGITUDE = 110°28'01.39" (110.467053)	LATITUDE = 40°14'50.38" (40.247328)	LONGITUDE = 110°27'59.47" (110.466519)

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



**PROPOSED LOCATION:
#9-5D-35 BTR**

**T2S
T3S**

SEE TOPO "B"

1.5 MI. +/-

6.1 MI. +/-

0.5 MI. +/-

LEGEND:

 **PROPOSED LOCATION**



BILL BARRETT CORPORATION

**#9-5D-35 BTR
SECTION 5, T3S, R5W, S.L.B.&M.
1965' FSL 661' FEL**



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

**ACCESS ROAD
MAP**

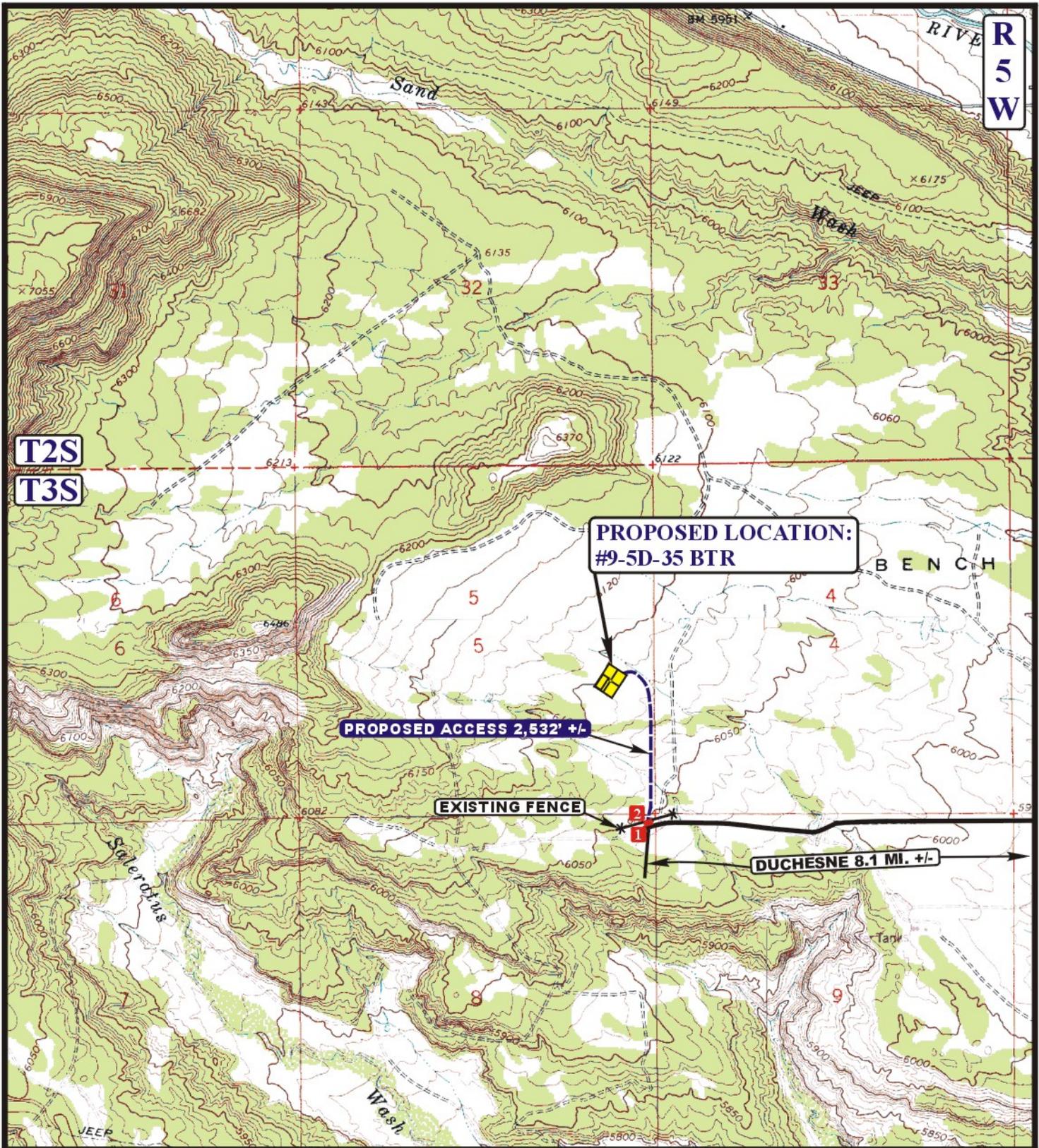
02 23 12
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.I.

REVISED: 00-00-00





**PROPOSED LOCATION:
#9-5D-35 BTR**

PROPOSED ACCESS 2,532' +/-

EXISTING FENCE

DUCHESNE 8.1 MI. +/-

LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- * * * * * EXISTING FENCE
- 1** 18" CMP REQUIRED
- 2** INSTALL CATTLE GUARD

BILL BARRETT CORPORATION

**#9-5D-35 BTR
SECTION 5, T3S, R5W, S.L.B.&M.
1965' FSL 661' FEL**



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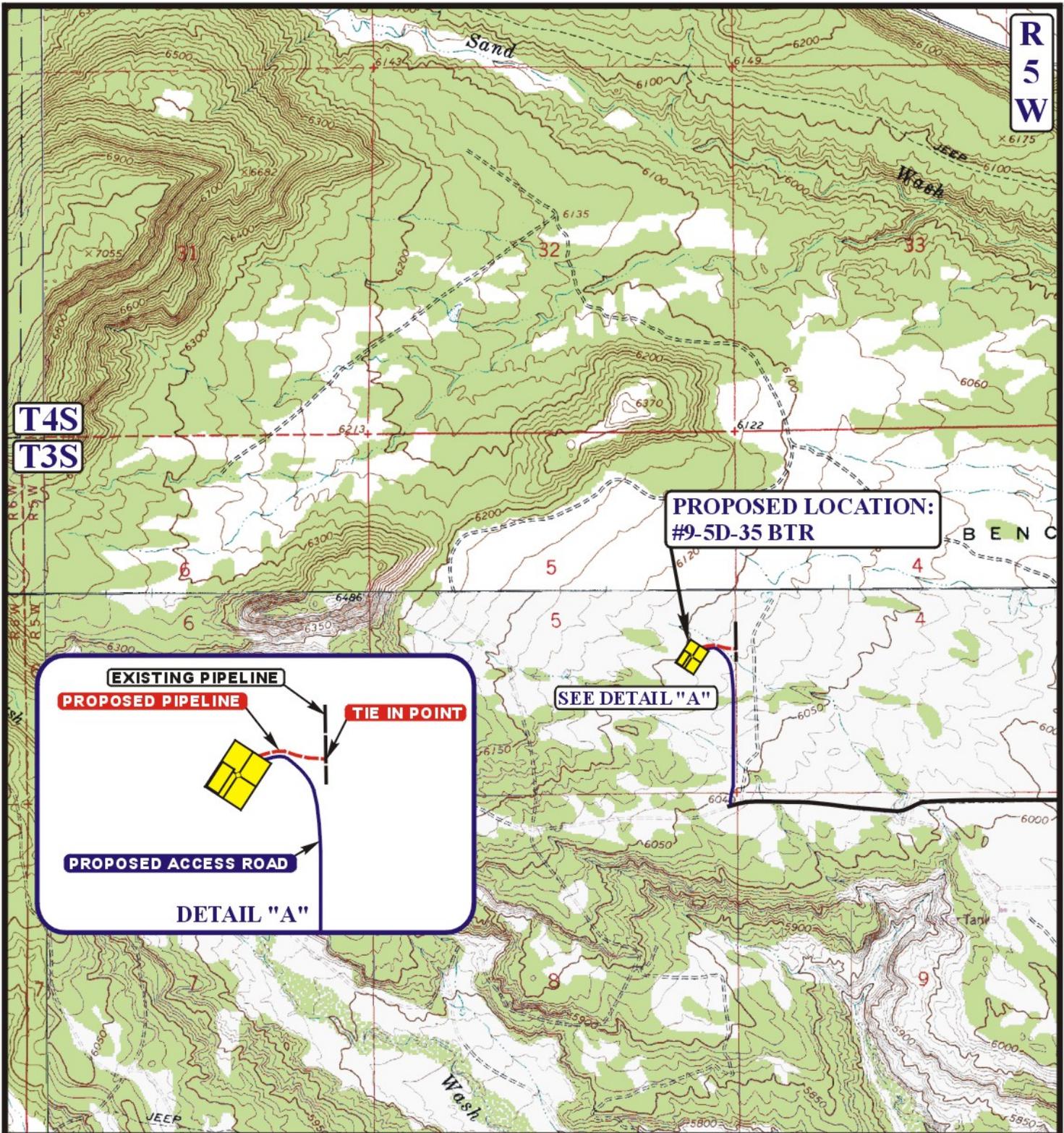


**ACCESS ROAD
MAP**

02 23 12
MONTH DAY YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 491' +/-

LEGEND:

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

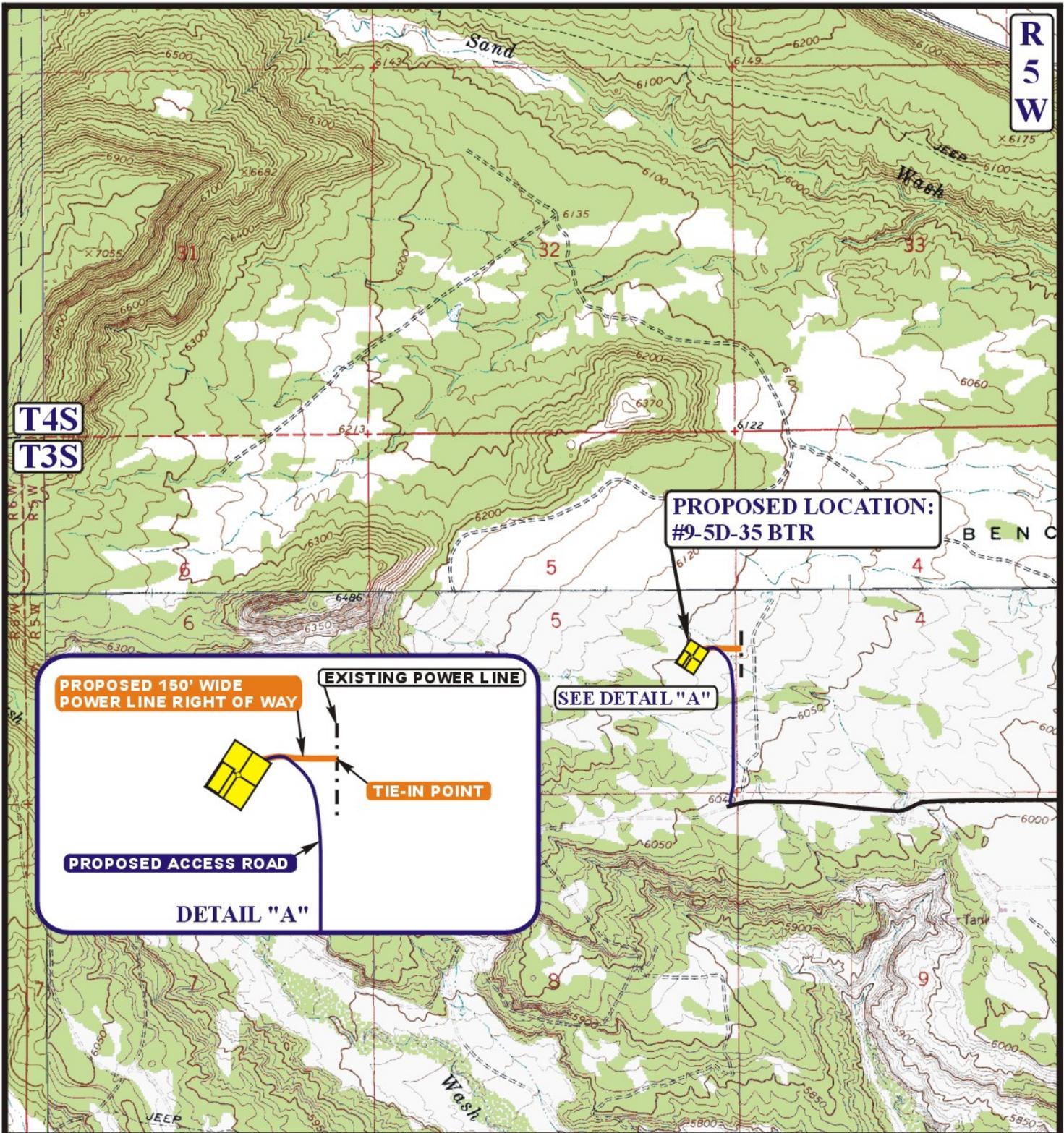
BILL BARRETT CORPORATION

#9-5D-35 BTR
SECTION 5, T3S, R5W, S.L.B.&M.
1965' FSL 661' FEL

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



TOPOGRAPHIC MAP **02 23 12**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00 **C TOPO**



APPROXIMATE TOTAL POWER LINE DISTANCE = 563' +/-

LEGEND:

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

BILL BARRETT CORPORATION

#9-5D-35 BTR
SECTION 5, T3S, R5W, S.L.B.&M.
1965' FSL 661' FEL



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



TOPOGRAPHIC
MAP

02 23 12
 MONTH DAY YEAR

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

D
TOPO



SITE DETAILS: 9-5D-35 BTR
Blacktail Ridge

Site Latitude: 40° 14' 50.381 N
Site Longitude: 110° 27' 59.468 W

COMPANY DETAILS: BILL BARRETT CORP

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

Positional Uncertainty: 0.0
Convergence: 0.66
Local North: True

WELL DETAILS: 9-5D-35 BTR

Ground Level: 6094.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	698802.48	2288475.28	40° 14' 50.381 N	110° 27' 59.468 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
9-5D-35 3PT MKR	8714.0	14.2	-149.1	40° 14' 50.521 N	110° 28' 1.391 W	Rectangle (Sides: L200.0 W200.0)
9-5D-35 PBHL	11834.0	14.2	-149.1	40° 14' 50.521 N	110° 28' 1.391 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

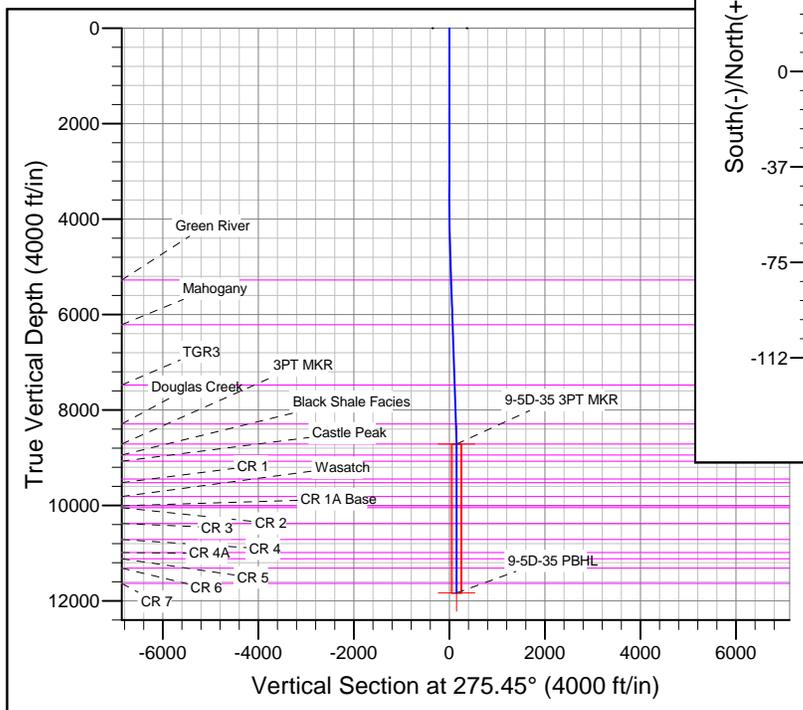
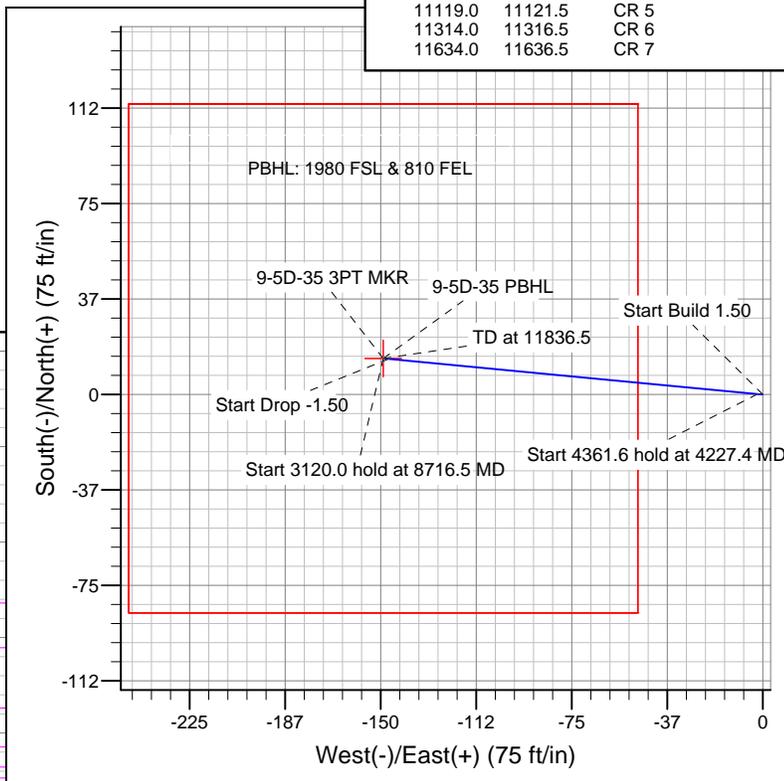
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4100.0	0.00	0.00	4100.0	0.0	0.0	0.00	0.00	0.0	
3	4227.4	1.91	275.45	4227.4	0.2	-2.1	1.50	275.45	2.1	
4	8589.0	1.91	275.45	8586.6	14.0	-146.9	0.00	0.00	147.6	
5	8716.5	0.00	0.00	8714.0	14.2	-149.1	1.50	180.00	149.7	9-5D-35 3PT MKR
6	11836.5	0.00	0.00	11834.0	14.2	-149.1	0.00	0.00	149.7	9-5D-35 PBHL

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
5279.0	5279.6	Green River
6214.0	6215.1	Mahogany
7479.0	7480.8	TGR3
8294.0	8296.3	Douglas Creek
8714.0	8716.5	3PT MKR
8944.0	8946.5	Black Shale Facies
9074.0	9076.5	Castle Peak
9449.0	9451.5	Uteland Butte
9524.0	9526.5	CR 1
9814.0	9816.5	Wasatch
10009.0	10011.5	CR 1A Base
10049.0	10051.5	CR 2
10379.0	10381.5	CR 3
10714.0	10716.5	CR 4
10989.0	10991.5	CR 4A
11119.0	11121.5	CR 5
11314.0	11316.5	CR 6
11634.0	11636.5	CR 7

CASING DETAILS

No casing data is available



Azimuths to True North
Magnetic North: 11.36°

Magnetic Field
Strength: 52207.3snT
Dip Angle: 65.85°
Date: 7/26/2012
Model: IGRF2010

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 9-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6109.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6109.0ft (Original Well Elev)
Site:	9-5D-35 BTR	North Reference:	True
Well:	9-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	9-5D-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	9-5D-35 BTR				
Site Position:		Northing:	698,802.48 ft	Latitude:	40° 14' 50.381 N
From:	Lat/Long	Easting:	2,288,475.28 ft	Longitude:	110° 27' 59.468 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.66 °

Well	9-5D-35 BTR					
Well Position	+N/-S	0.0 ft	Northing:	698,802.48 ft	Latitude:	40° 14' 50.381 N
	+E/-W	0.0 ft	Easting:	2,288,475.28 ft	Longitude:	110° 27' 59.468 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,094.0 ft

Wellbore	9-5D-35 BTR				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/26/2012	11.36	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	275.45

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	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,227.4	1.91	275.45	4,227.4	0.2	-2.1	1.50	1.50	0.00	275.45	
8,589.0	1.91	275.45	8,586.6	14.0	-146.9	0.00	0.00	0.00	0.00	
8,716.5	0.00	0.00	8,714.0	14.2	-149.1	1.50	-1.50	0.00	180.00	9-5D-35 3PT MKR
11,836.5	0.00	0.00	11,834.0	14.2	-149.1	0.00	0.00	0.00	0.00	9-5D-35 PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 9-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6109.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6109.0ft (Original Well Elev)
Site:	9-5D-35 BTR	North Reference:	True
Well:	9-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	9-5D-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	1.50	275.45	4,200.0	0.1	-1.3	1.3	1.50	1.50	0.00
4,227.4	1.91	275.45	4,227.4	0.2	-2.1	2.1	1.50	1.50	0.00
4,300.0	1.91	275.45	4,299.9	0.4	-4.5	4.5	0.00	0.00	0.00
4,400.0	1.91	275.45	4,399.9	0.7	-7.8	7.9	0.00	0.00	0.00
4,500.0	1.91	275.45	4,499.8	1.1	-11.2	11.2	0.00	0.00	0.00
4,600.0	1.91	275.45	4,599.8	1.4	-14.5	14.6	0.00	0.00	0.00
4,700.0	1.91	275.45	4,699.7	1.7	-17.8	17.9	0.00	0.00	0.00
4,800.0	1.91	275.45	4,799.7	2.0	-21.1	21.2	0.00	0.00	0.00
4,900.0	1.91	275.45	4,899.6	2.3	-24.4	24.6	0.00	0.00	0.00
5,000.0	1.91	275.45	4,999.5	2.6	-27.8	27.9	0.00	0.00	0.00
5,100.0	1.91	275.45	5,099.5	3.0	-31.1	31.2	0.00	0.00	0.00
5,200.0	1.91	275.45	5,199.4	3.3	-34.4	34.6	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 9-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6109.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6109.0ft (Original Well Elev)
Site:	9-5D-35 BTR	North Reference:	True
Well:	9-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	9-5D-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)	
5,279.6	1.91	275.45	5,279.0	3.5	-37.1	37.2	0.00	0.00	0.00	
Green River										
5,300.0	1.91	275.45	5,299.4	3.6	-37.7	37.9	0.00	0.00	0.00	
5,400.0	1.91	275.45	5,399.3	3.9	-41.1	41.2	0.00	0.00	0.00	
5,500.0	1.91	275.45	5,499.3	4.2	-44.4	44.6	0.00	0.00	0.00	
5,600.0	1.91	275.45	5,599.2	4.5	-47.7	47.9	0.00	0.00	0.00	
5,700.0	1.91	275.45	5,699.2	4.9	-51.0	51.2	0.00	0.00	0.00	
5,800.0	1.91	275.45	5,799.1	5.2	-54.3	54.6	0.00	0.00	0.00	
5,900.0	1.91	275.45	5,899.0	5.5	-57.7	57.9	0.00	0.00	0.00	
6,000.0	1.91	275.45	5,999.0	5.8	-61.0	61.3	0.00	0.00	0.00	
6,100.0	1.91	275.45	6,098.9	6.1	-64.3	64.6	0.00	0.00	0.00	
6,200.0	1.91	275.45	6,198.9	6.4	-67.6	67.9	0.00	0.00	0.00	
6,215.1	1.91	275.45	6,214.0	6.5	-68.1	68.4	0.00	0.00	0.00	
Mahogany										
6,300.0	1.91	275.45	6,298.8	6.8	-70.9	71.3	0.00	0.00	0.00	
6,400.0	1.91	275.45	6,398.8	7.1	-74.3	74.6	0.00	0.00	0.00	
6,500.0	1.91	275.45	6,498.7	7.4	-77.6	77.9	0.00	0.00	0.00	
6,600.0	1.91	275.45	6,598.7	7.7	-80.9	81.3	0.00	0.00	0.00	
6,700.0	1.91	275.45	6,698.6	8.0	-84.2	84.6	0.00	0.00	0.00	
6,800.0	1.91	275.45	6,798.5	8.3	-87.5	87.9	0.00	0.00	0.00	
6,900.0	1.91	275.45	6,898.5	8.7	-90.9	91.3	0.00	0.00	0.00	
7,000.0	1.91	275.45	6,998.4	9.0	-94.2	94.6	0.00	0.00	0.00	
7,100.0	1.91	275.45	7,098.4	9.3	-97.5	97.9	0.00	0.00	0.00	
7,200.0	1.91	275.45	7,198.3	9.6	-100.8	101.3	0.00	0.00	0.00	
7,300.0	1.91	275.45	7,298.3	9.9	-104.1	104.6	0.00	0.00	0.00	
7,400.0	1.91	275.45	7,398.2	10.2	-107.5	107.9	0.00	0.00	0.00	
7,480.8	1.91	275.45	7,479.0	10.5	-110.1	110.6	0.00	0.00	0.00	
TGR3										
7,500.0	1.91	275.45	7,498.2	10.6	-110.8	111.3	0.00	0.00	0.00	
7,600.0	1.91	275.45	7,598.1	10.9	-114.1	114.6	0.00	0.00	0.00	
7,700.0	1.91	275.45	7,698.0	11.2	-117.4	118.0	0.00	0.00	0.00	
7,800.0	1.91	275.45	7,798.0	11.5	-120.7	121.3	0.00	0.00	0.00	
7,900.0	1.91	275.45	7,897.9	11.8	-124.1	124.6	0.00	0.00	0.00	
8,000.0	1.91	275.45	7,997.9	12.1	-127.4	128.0	0.00	0.00	0.00	
8,100.0	1.91	275.45	8,097.8	12.5	-130.7	131.3	0.00	0.00	0.00	
8,200.0	1.91	275.45	8,197.8	12.8	-134.0	134.6	0.00	0.00	0.00	
8,296.3	1.91	275.45	8,294.0	13.1	-137.2	137.8	0.00	0.00	0.00	
Douglas Creek										
8,300.0	1.91	275.45	8,297.7	13.1	-137.3	138.0	0.00	0.00	0.00	
8,400.0	1.91	275.45	8,397.7	13.4	-140.7	141.3	0.00	0.00	0.00	
8,500.0	1.91	275.45	8,497.6	13.7	-144.0	144.6	0.00	0.00	0.00	
8,589.0	1.91	275.45	8,586.6	14.0	-146.9	147.6	0.00	0.00	0.00	
8,600.0	1.75	275.45	8,597.5	14.0	-147.3	148.0	1.50	-1.50	0.00	
8,700.0	0.25	275.45	8,697.5	14.2	-149.0	149.7	1.50	-1.50	0.00	
8,716.5	0.00	0.00	8,714.0	14.2	-149.1	149.7	1.50	-1.50	0.00	
3PT MKR - 9-5D-35 3PT MKR										
8,800.0	0.00	0.00	8,797.5	14.2	-149.1	149.7	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,897.5	14.2	-149.1	149.7	0.00	0.00	0.00	
8,946.5	0.00	0.00	8,944.0	14.2	-149.1	149.7	0.00	0.00	0.00	
Black Shale Facies										
9,000.0	0.00	0.00	8,997.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,076.5	0.00	0.00	9,074.0	14.2	-149.1	149.7	0.00	0.00	0.00	
Castle Peak										

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 9-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6109.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6109.0ft (Original Well Elev)
Site:	9-5D-35 BTR	North Reference:	True
Well:	9-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	9-5D-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)	
9,100.0	0.00	0.00	9,097.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,197.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,297.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,397.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,451.5	0.00	0.00	9,449.0	14.2	-149.1	149.7	0.00	0.00	0.00	
Uteland Butte										
9,500.0	0.00	0.00	9,497.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,526.5	0.00	0.00	9,524.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 1										
9,600.0	0.00	0.00	9,597.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,697.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,797.5	14.2	-149.1	149.7	0.00	0.00	0.00	
9,816.5	0.00	0.00	9,814.0	14.2	-149.1	149.7	0.00	0.00	0.00	
Wasatch										
9,900.0	0.00	0.00	9,897.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,997.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,011.5	0.00	0.00	10,009.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 1A Base										
10,051.5	0.00	0.00	10,049.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 2										
10,100.0	0.00	0.00	10,097.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,197.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,297.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,381.5	0.00	0.00	10,379.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 3										
10,400.0	0.00	0.00	10,397.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,497.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,597.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,697.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,716.5	0.00	0.00	10,714.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 4										
10,800.0	0.00	0.00	10,797.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,900.0	0.00	0.00	10,897.5	14.2	-149.1	149.7	0.00	0.00	0.00	
10,991.5	0.00	0.00	10,989.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 4A										
11,000.0	0.00	0.00	10,997.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,097.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,121.5	0.00	0.00	11,119.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 5										
11,200.0	0.00	0.00	11,197.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,300.0	0.00	0.00	11,297.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,316.5	0.00	0.00	11,314.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 6										
11,400.0	0.00	0.00	11,397.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,500.0	0.00	0.00	11,497.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,600.0	0.00	0.00	11,597.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,636.5	0.00	0.00	11,634.0	14.2	-149.1	149.7	0.00	0.00	0.00	
CR 7										
11,700.0	0.00	0.00	11,697.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,800.0	0.00	0.00	11,797.5	14.2	-149.1	149.7	0.00	0.00	0.00	
11,836.5	0.00	0.00	11,834.0	14.2	-149.1	149.7	0.00	0.00	0.00	
9-5D-35 PBHL										

Bill Barrett Corp

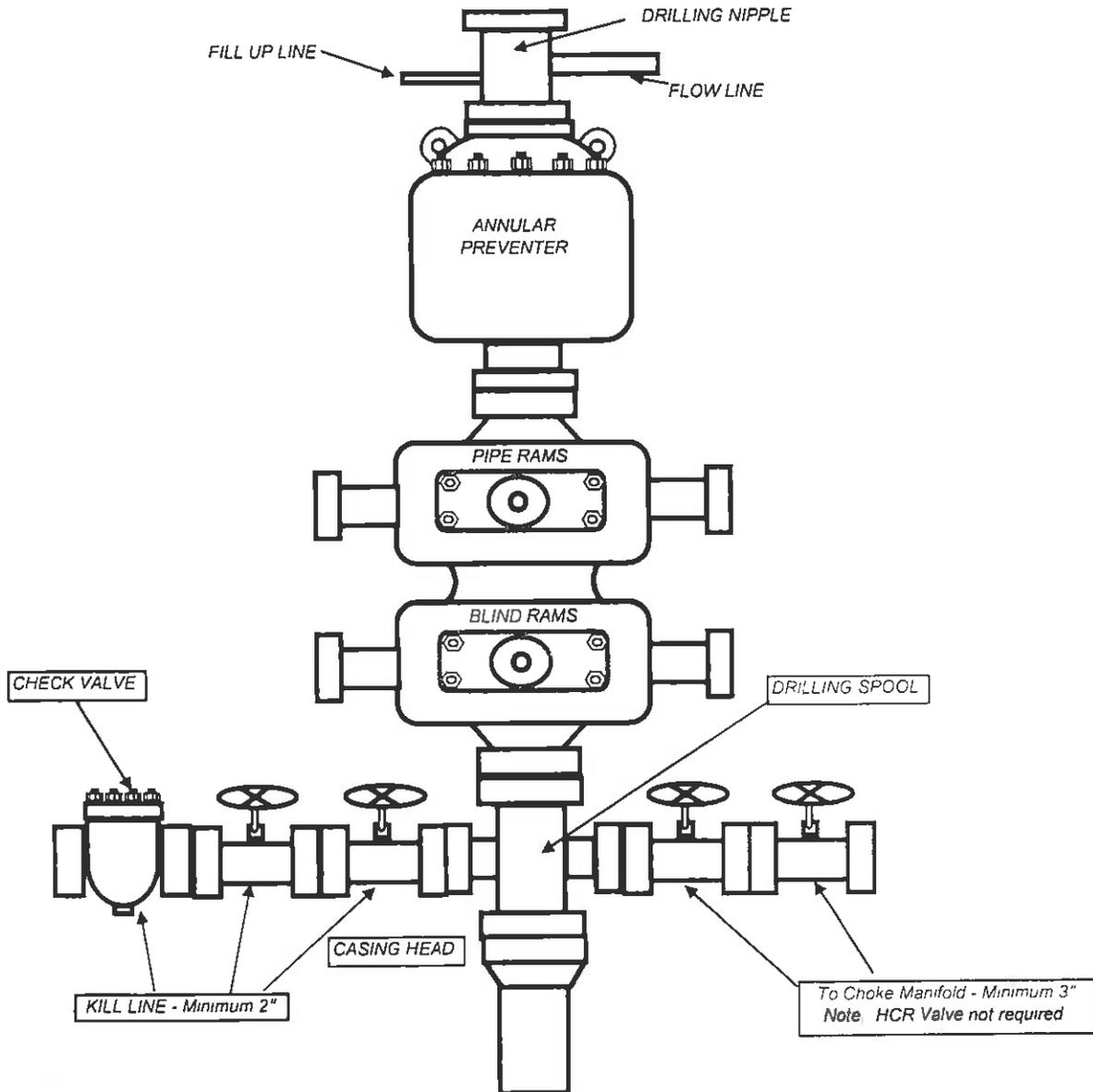
Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 9-5D-35 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6109.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6109.0ft (Original Well Elev)
Site:	9-5D-35 BTR	North Reference:	True
Well:	9-5D-35 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	9-5D-35 BTR		
Design:	Design #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
5,279.6	5,279.0	Green River		0.00		
6,215.1	6,214.0	Mahogany		0.00		
7,480.8	7,479.0	TGR3		0.00		
8,296.3	8,294.0	Douglas Creek		0.00		
8,716.5	8,714.0	3PT MKR		0.00		
8,946.5	8,944.0	Black Shale Facies		0.00		
9,076.5	9,074.0	Castle Peak		0.00		
9,451.5	9,449.0	Uteland Butte		0.00		
9,526.5	9,524.0	CR 1		0.00		
9,816.5	9,814.0	Wasatch		0.00		
10,011.5	10,009.0	CR 1A Base		0.00		
10,051.5	10,049.0	CR 2		0.00		
10,381.5	10,379.0	CR 3		0.00		
10,716.5	10,714.0	CR 4		0.00		
10,991.5	10,989.0	CR 4A		0.00		
11,121.5	11,119.0	CR 5		0.00		
11,316.5	11,314.0	CR 6		0.00		
11,636.5	11,634.0	CR 7		0.00		

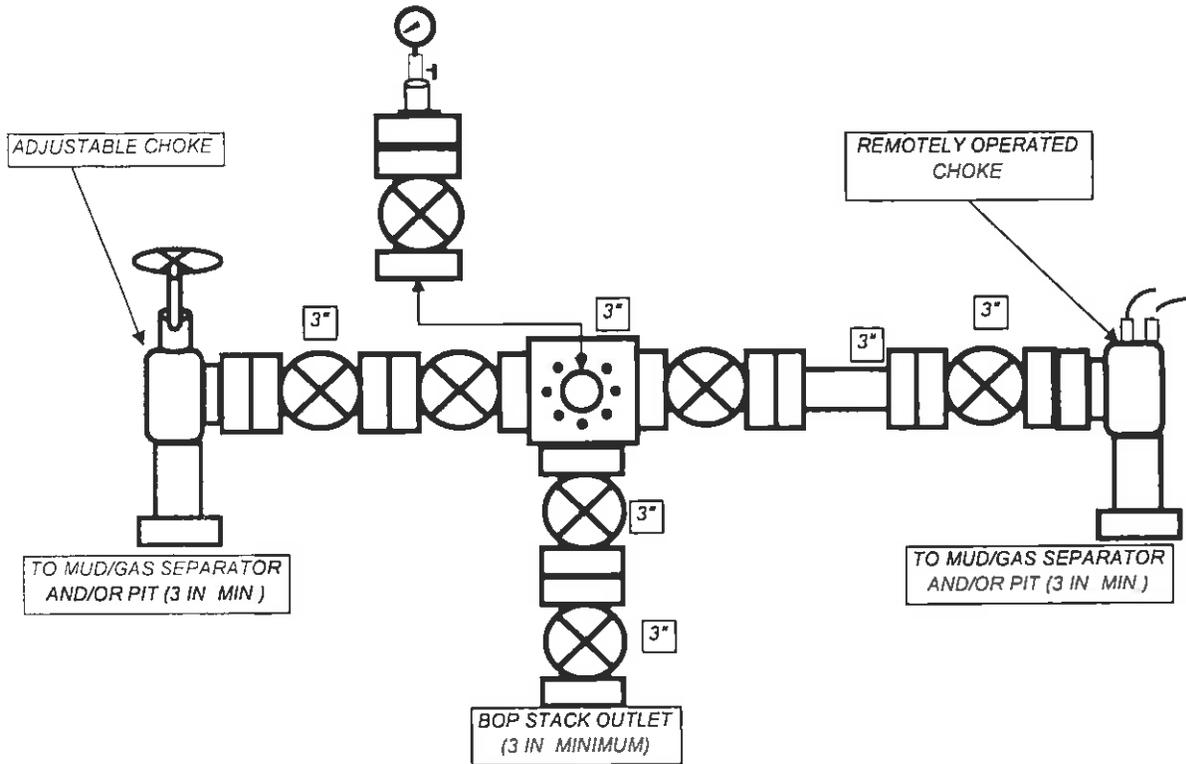
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

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





July 30, 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: 9-5D-35 BTR
Surface: 1,965' FSL & 661' FEL, NESE, 5-T3S-R5W, USM
Bottom Hole: 1,980' FSL & 810' FEL, NESE, 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 30, 2012

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

#9-5D-35 BTR

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

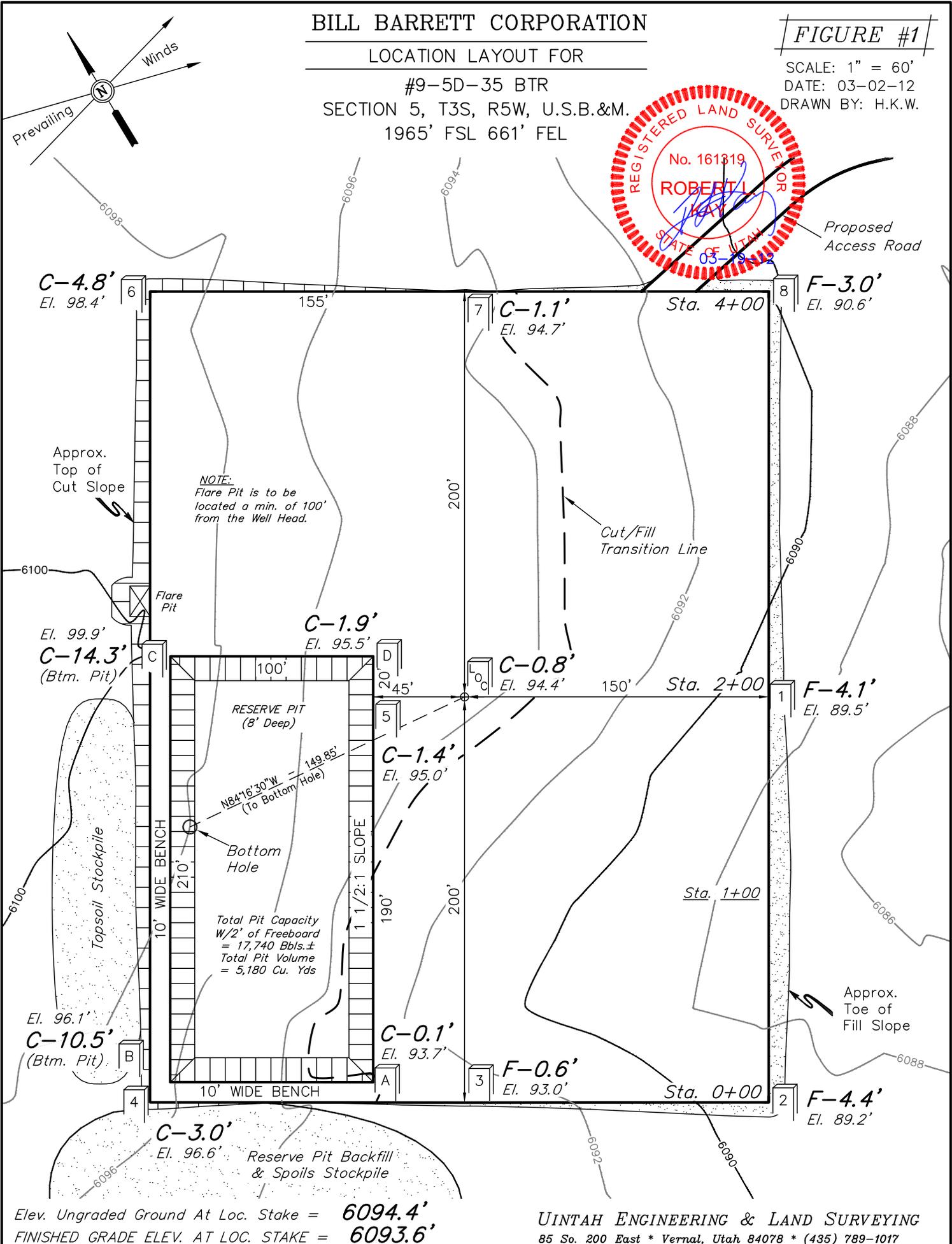
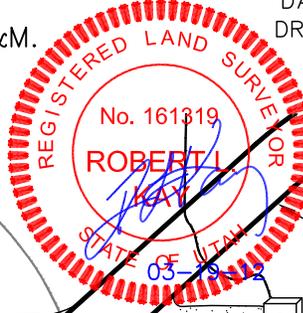
1965' FSL 661' FEL

FIGURE #1

SCALE: 1" = 60'

DATE: 03-02-12

DRAWN BY: H.K.W.



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

RESERVE PIT
(8' Deep)
Bottom Hole
N84°16'30"W = 149.85'
(To Bottom Hole)
Total Pit Capacity
W/2' of Freeboard
= 17,740 Bbls.±
Total Pit Volume
= 5,180 Cu. Yds

Elev. Ungraded Ground At Loc. Stake = **6094.4'**
FINISHED GRADE ELEV. AT LOC. STAKE = **6093.6'**

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

RECEIVED: July 30, 2012

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

#9-5D-35 BTR

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

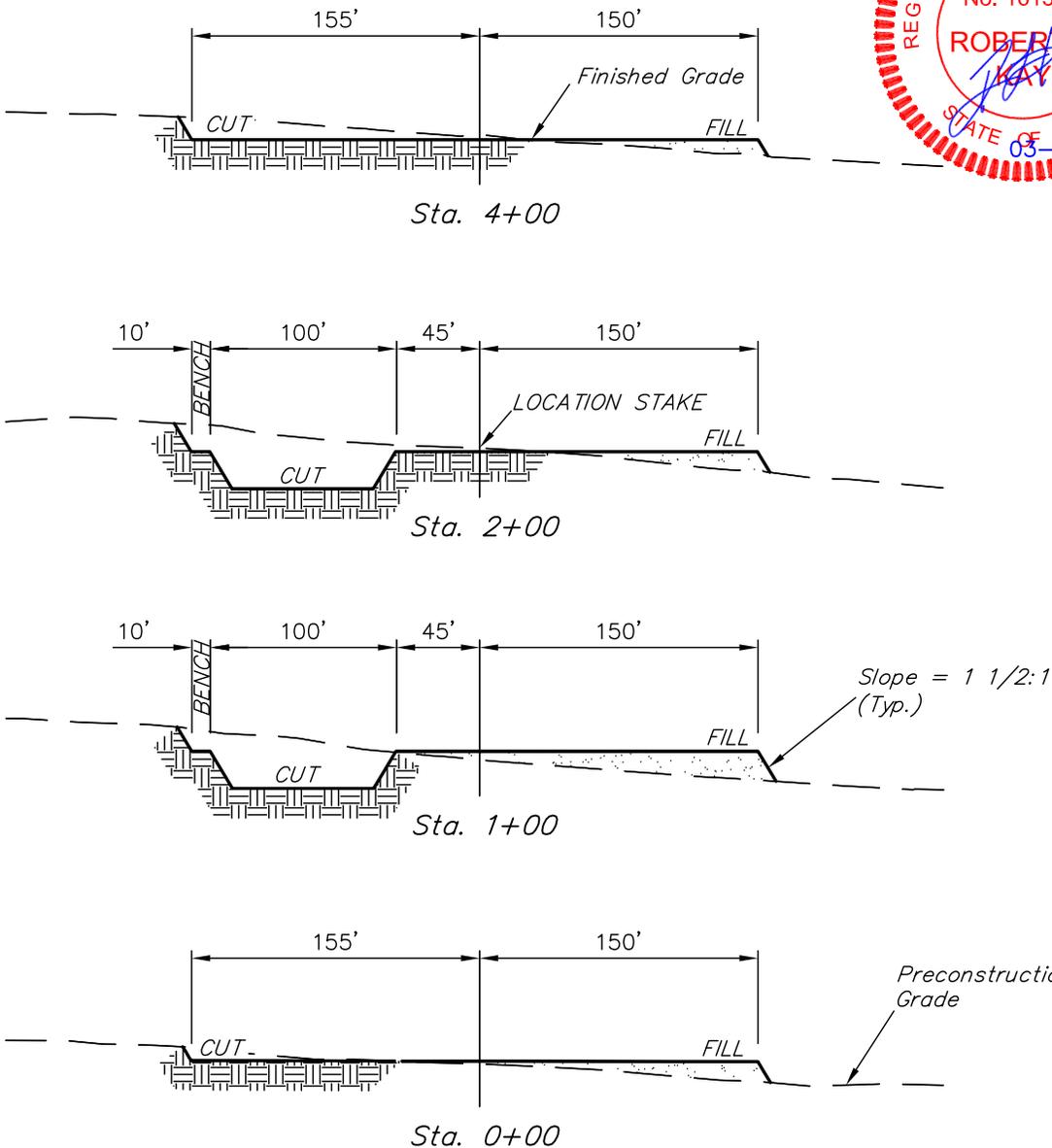
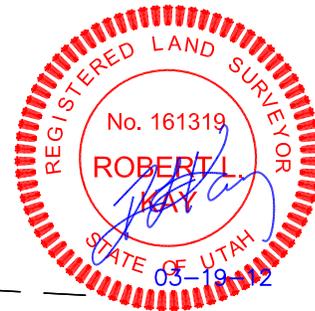
1965' FSL 661' FEL

FIGURE #2

DATE: 03-02-12

DRAWN BY: H.K.W.

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



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.667 ACRES
 ACCESS ROAD DISTURBANCE = ± 1.718 ACRES
 PIPELINE DISTURBANCE = ± 0.314 ACRES
 POWERLINE DISTURBANCE = ± 1.817 ACRES
 TOTAL = ± 7.516 ACRES

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,460 Cu. Yds.
 Remaining Location = 9,740 Cu. Yds.
TOTAL CUT = 12,200 CU. YDS.
FILL = 7,150 CU. YDS.

EXCESS MATERIAL = 5,050 Cu. Yds.
 Topsoil & Pit Backfill = 5,050 Cu. Yds.
 (1/2 Pit Vol.)
 EXCESS UNBALANCE = 0 Cu. Yds.
 (After Interim Rehabilitation)

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

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

#9-5D-35 BTR

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

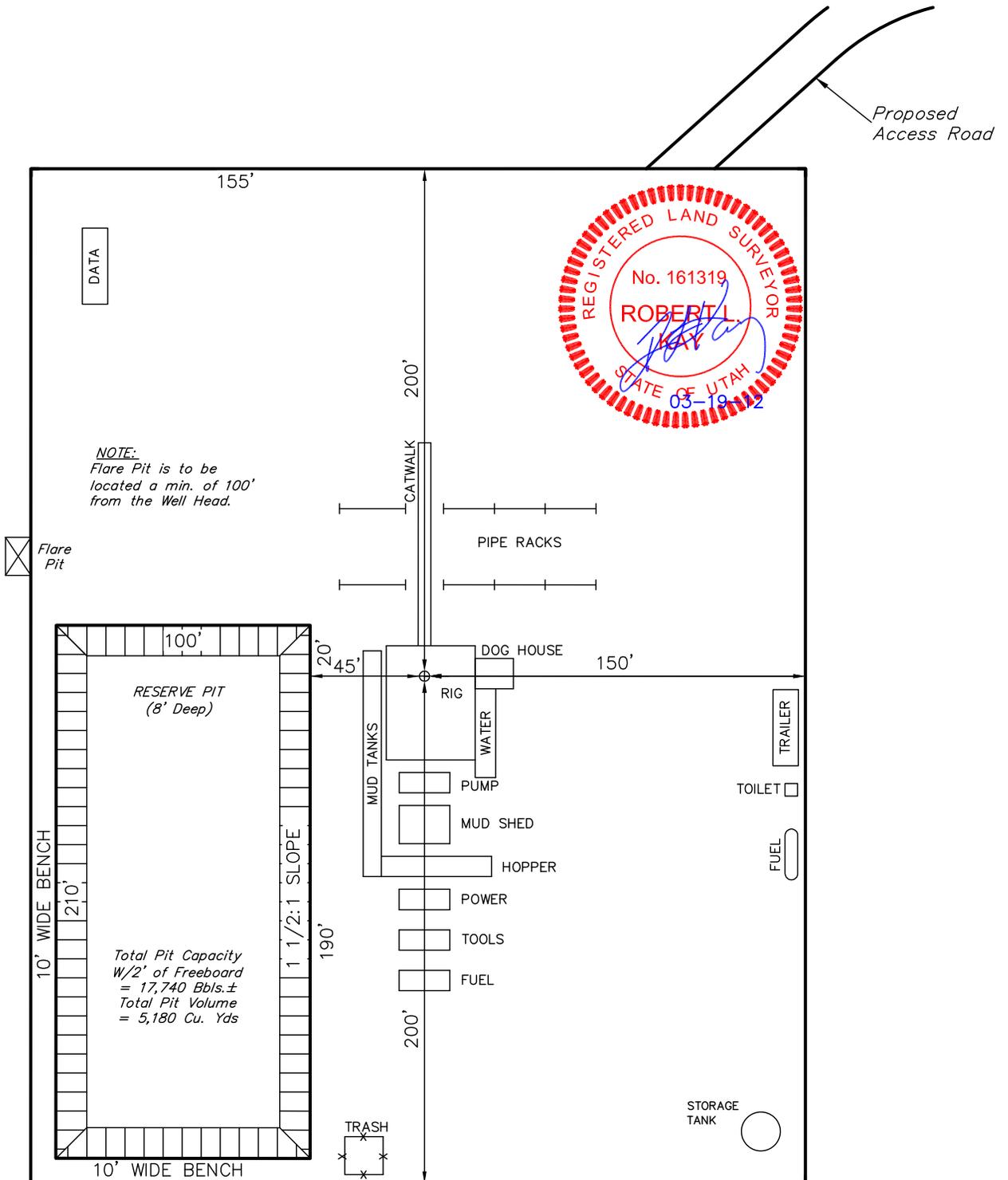
1965' FSL 661' FEL

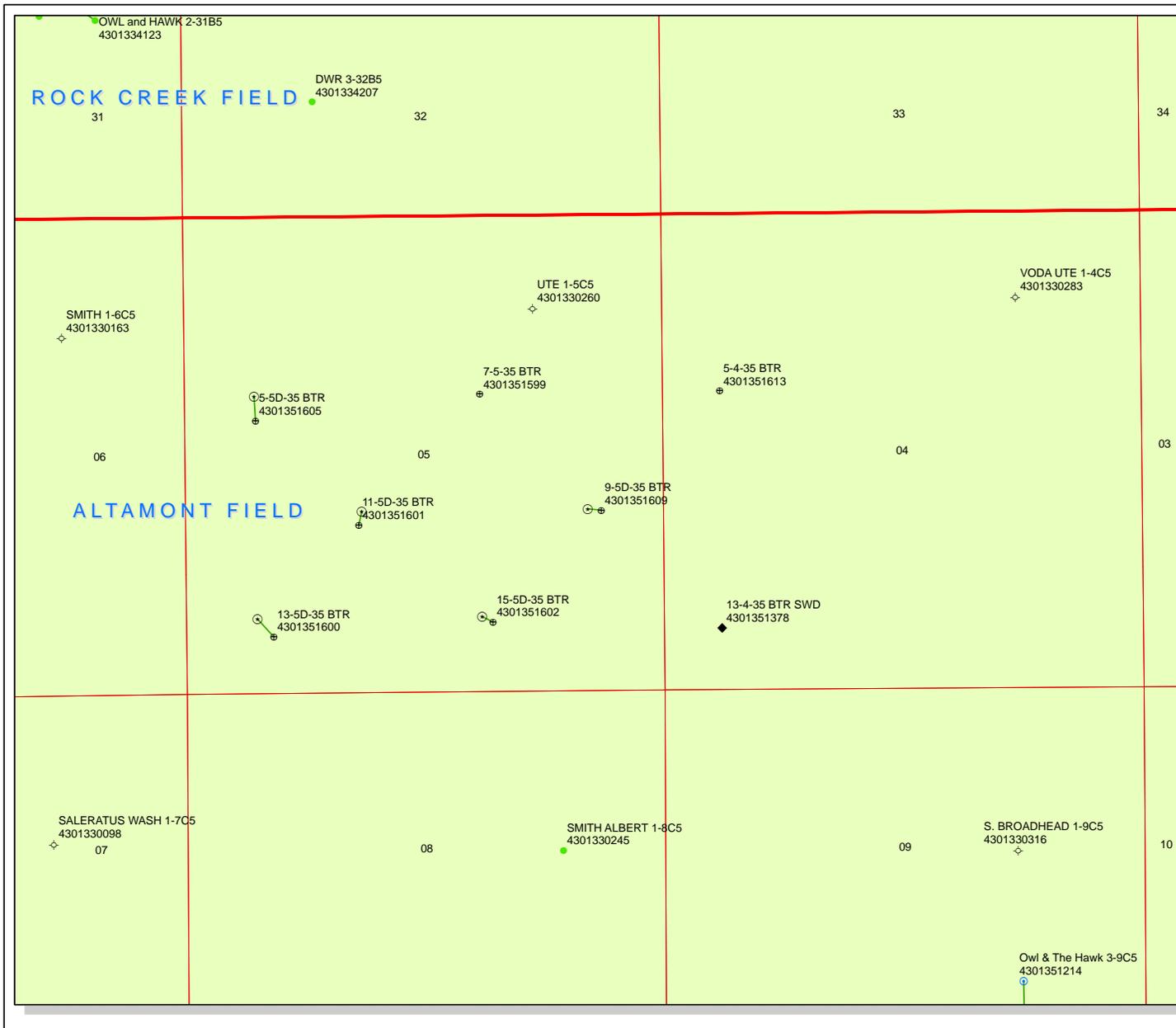
FIGURE #3

SCALE: 1" = 60'

DATE: 03-02-12

DRAWN BY: H.K.W.

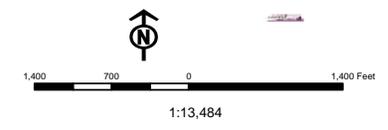




API Number: 4301351609
Well Name: 9-5D-35 BTR
 Township T03.0S Range R05.0W Section 05
 Meridian: UBM
 Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name 9-5D-35 BTR
API Number 43013516090000 **APD No** 6505 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NESE **Sec** 5 **Tw** 3.0S **Rng** 5.0W 1965 FSL 661 FEL
GPS Coord (UTM) 545310 4455341 **Surface Owner** Bill Barrett Corporation

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 7 miles northwest of Duchesne, Utah and approximately 1.5 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. The area around this locationj is quite flat.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad Width 305 Length 400	Src Const Material	Surface Formation
0.5		Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Deer and elk winter range

Sage, pinion - juniper, prickly pear, grasses

Soil Type and Characteristics

Sandy oil

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors

Site Ranking

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

Final Score

Sensitivity Level

Characteristics / Requirements

The reserve pit as proposed is 210ft by 100ft by 8ft deep and is to be placed in a cut stable location. Kary Eldredge of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used. This appears to be adequate for this location.

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

Other Observations / Comments

Richard Powell
Evaluator

8/21/2012
Date / Time

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

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6505	43013516090000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Bill Barrett Corporation	
Well Name	9-5D-35 BTR		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NESE 5 3S 5W U 1965 FSL (UTM) 545307E 4455341N		661 FEL	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. Bill Barrett Corporation is both the well operator and the surface owner. The area around this location is basically flat with a gradual south slope toward Starvation Reservoir. Duchesne, UT is approximately 7.5 miles to the southeast. The reserve pit as proposed is 210ft by 100ft by 8ft deep and is to be placed in a cut stable location. Kary Eldredge of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used which appears to be adequate 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: 7/30/2012

API NO. ASSIGNED: 43013516090000

WELL NAME: 9-5D-35 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: NESE 05 030S 050W

Permit Tech Review:

SURFACE: 1965 FSL 0661 FEL

Engineering Review:

BOTTOM: 1980 FSL 0810 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.24729

LONGITUDE: -110.46730

UTM SURF EASTINGS: 545307.00

NORTHINGS: 4455341.00

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: 9-5D-35 BTR
API Well Number: 43013516090000
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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 05 2012

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

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		8. Lease Name and Well No. 9-5D-35 BTR
3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420		9. API Well No. 43-013-51109
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NESE 1965FSL 661FEL 40.247283 N Lat, 110.467231 W Lon At proposed prod. zone NESE 1980FSL 810FEL 40.247322 N Lat, 110.467764 W Lon		10. Field and Pool, or Exploratory ALTAMONT
14. Distance in miles and direction from nearest town or post office* 8.6 MILES NORTHWEST OF DUCHESNE, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 5 T3S R5W Mer UBM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 810' (BOTTOM HOLE)	16. No. of Acres in Lease 66101.00	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. NONE	19. Proposed Depth 11837 MD 11834 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6094 GL	22. Approximate date work will start 01/01/2013	17. Spacing Unit dedicated to this well 80.00
24. Attachments		20. BLM/BIA Bond No. on file LPM8874725
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:		23. Estimated duration 60 DAYS (D&C)

RECEIVED
FEB 13 2013

DIV. OF OIL, GAS & MINING

- 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 FEB 06 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**

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 #148823 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 **

12PPH2SLWATE

NOS-7/24/12.

DOGMA



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: 9-5D-35 BTR
API No: 43-013-51609

Location: NESE, Sec. 5, T3S, R5W
Lease No: 2OG0005608
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)**

- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Noxious weeds will be treated, monitored, and controlled along both the access road, pipeline route, and on the well pad itself.
- Insure topsoil stability on location and use topsoil for interim reclamation as soon as possible to maintain viability of the topsoil resource. If stored for a longer period of time then topsoil will be maintained to increase viability until the resource can be used for reclamation purposes only.
- All above ground production facilities will be painted Beetle Green on all locations to help blend in with the surrounding habitat, unless otherwise directed by the 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).
- Culverts will be increased in size from 18" to 24" to accommodate seasonal fluxes in precipitation in the area as agreed to on the onsite.
- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Road areas not being used and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact the private landowner for seed mixes that work in the area. This is 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 (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

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

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

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# Patterson Rig 506
Submitted By Ricky Kuhr Phone Number 435-828-6095
Well Name/Number 9-5D-35 BTR
Qtr/Qtr SW/SW Section 5 Township 3S Range 5W
Lease Serial Number 2OG0005608
API Number 43-013-51609

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

Date/Time 5/24/2013 11:00 AM PM

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

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

Date/Time 5/29/2013 10:00 AM PM

BOPE

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

RECEIVED

MAY 23 2013

DIV. OF OIL, GAS & MINING

Date/Time 6/1/2013 20:30 AM PM

Remarks Any changes to the time frame will be e-mailed in a prompt amount of time

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
8. WELL NAME and NUMBER: 9-5D-35 BTR	
9. API NUMBER: 43013516090000	
9. FIELD and POOL or WILDCAT: ALTAMONT	
COUNTY: DUCHESNE	
STATE: UTAH	
1. TYPE OF WELL Oil Well	
2. NAME OF OPERATOR: BILL BARRETT CORP	
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: 1965 FSL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 05 Township: 03.0S Range: 05.0W Meridian: U	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Attached is the May 2013 Drilling Activity for this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 06, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/5/2013	

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

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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 F/ 13-5D-35 BTR TO 9-5D-35 BTR 4 BED TRUCKS 2 HAUL TRUCKS TWO FORKLIFTS
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAY LIGHTS

9-5D-35 BTR 5/15/2013 06:00 - 5/16/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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 F/ 13-5D-35 BTR-9-5D-35 BTR 4 BED TRUCKS 2 HAUL TRUCKS 2 FORKLIFTS
18:00	12.00	06:00	8	RIGUP & TEARDOWN	CAT 4 LOAD BARING TEST ON RIG

9-5D-35 BTR 5/16/2013 06:00 - 5/17/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	CAT 4 INSPECTION ON DERRICK, BREAKS, SUB, BLOCKS, DEAD MAN ANCOR, LOAD TEST, CIVES CROWN

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

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	INSPECTION ON RIG CAT 4

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

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	CAT 4 INSPECTION ON RIG SPLIT DERRICK AND INSPECT PIN HOLE PUT DERRICK BACK TOGETHER

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

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	SAND BLAST AND INSPECT DERRICK

9-5D-35 BTR 5/20/2013 06:00 - 5/21/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	CAT 4 INSPECTION (LOAD BARING) ON SUBSTRUTURE DRAW WORKS AND ROTARY BEAMS

9-5D-35 BTR 5/21/2013 06:00 - 5/22/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	LOAD BARING INSPECTION

9-5D-35 BTR 5/22/2013 06:00 - 5/23/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	FINISH WELDING ON DERRICK AND FINISH INSPECTION FOR LOAD BARING TEST

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	DRILLING	3,996.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	8	REPAIR RIG	FINISH INSPECTION CAT 4 LOAD BARING TEST
12:30	17.50	06:00	1	RIGUP & TEARDOWN	SET DERRICK ON FLOOR, INSTALL BOARD, RASIE DERRICK, RIG UP FLOOR, SET DOG HOUSE, SET WATER TANKS AND CEMENT UP RIGHTS, PICK UP KELLY & SWIVEL AND MAKE UP, SET OUT B.H.A RIG UP FLAIR LINES, SET CAT WALK & BEAVER SLIDE, SPOLL DRILL LINE ON TO DRUM, PICK UP CONDUTOR, M/U FLOW LINE RIG UP BUSTER LINES, GET PITS READY TO DRILL PRE SPUD INSPECTION

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	DRILLING	3,996.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	1	RIGUP & TEARDOWN	FINISH RIGGING UP STRAP B.H.A AND FINISH PRE SPUD INSPECTION
10:00	0.50	10:30	5	COND MUD & CIRC	MAKE SPUD MUD
10:30	2.00	12:30	20	DIRECTIONAL WORK	PICK UP DIRECTIONAL TOOLS REAMERS AND M/U BIT DOWN LINK TO TOOLS SCRIBE MOTOR
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE
13:00	17.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 96"-948' (852' @ 50'/ Hr AVG). WOB 16.5k, GPM 521, MTR RPM 88 RPM 35 SLIDING 0%, ROTOATE 100%.

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	DRILLING	3,996.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	STEERABLE DRILLING F/ 948"-1563' (615' @ 58'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 0%, ROTOATE 100%.
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 1563"-2180' (617' @ 51'/ Hr AVG). WOB 16.5k, GPM 521, MTR RPM 88 RPM 35 SLIDING 0%, ROTOATE 100%.

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	DRILLING	3,996.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2180"-2419' (615' @ 58'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 10%, ROTOATE 90%.
13:00	2.00	15:00	6	TRIPS	TRIP OUT OF HOLE FOR BIT AND MUD MOTOR
15:00	2.00	17:00	20	DIRECTIONAL WORK	L/D-P/U DIRECTIONAL MUD MOTOR BREAK AND MAKE NEW BIT RE SCIBE MOTOR DOWN LINK TO MWD TOOL
17:00	2.50	19:30	6	TRIPS	TRIP BACK IN THE HOLE
19:30	10.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2419"-2673' (254' @ 25.4'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 10%, ROTOATE 90%.

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	DRILLING	3,996.0	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/ 2673"-2927' (254' @ 25.4'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 20%, ROTOATE 80%. LOST RETURNS @ 2672 REGAINED FULL RETURNS @ 2839
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	13.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2927"-3191' (264' @ 20'/ Hr AVG). WOB 22k, GPM 521, MTR RPM 88 RPM 35 SLIDING 10%, ROTOATE 90%.

**9-5D-35 BTR 5/28/2013 06:00 - 5/29/2013 06:00**

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 3191'-3446' (255' @ 25.5'/ Hr AVG). WOB 25k, GPM 500, MTR RPM 80 RPM 40 SLIDING 20%, ROTOATE 80%
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	13.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 3481'-3768' (287' @ 25.5'/ Hr AVG). WOB 25k, GPM 500, MTR RPM 80 RPM 40 SLIDING 20%, ROTOATE 80%

9-5D-35 BTR 5/29/2013 06:00 - 5/30/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 3,996.0	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	STEERABLE DRILLING F/ 3768'-4000' (287' @ 25.5'/ Hr AVG). WOB 25k, GPM 500, MTR RPM 80 RPM 40 SLIDING 0%, ROTOATE 100%
14:00	1.50	15:30	5	COND MUD & CIRC	CIRC SWEEP
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	2.00	18:00	6	TRIPS	SHORT TRIP TO 2400'
18:00	2.00	20:00	5	COND MUD & CIRC	CIRC SWEEP/DISP w/CLEAN MUD/PUMP DRYJOB
20:00	2.50	22:30	6	TRIPS	TOOH TO BHA
22:30	3.00	01:30	6	TRIPS	HELD SAFETY MEETING/RIG UP LAYDOWN TRK & LD 8"BHA
01:30	4.50	06:00	12	RUN CASING & CEMENT	SAFETY MEETING WITH CASERS/RUN 9 5/8 SURFACE PIPE

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: 9-5D-35 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013516090000	
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: 1965 FSL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE 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 09, 2013			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 7/9/2013	

**9-5D-35 BTR 6/1/2013 06:00 - 6/2/2013 06:00**

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	21	OPEN	FIT 10.5 EMW HELD 350 PSI
06:30	10.00	16:30	2	DRILL ACTUAL	DRILL ACTUAL/ 4015'-4471'/ WOB 15K-18K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 82/ ROP 45.6
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4471'-5233"/ WOB 15K-18K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 82/ ROP 58.6 BOP DRILL

9-5D-35 BTR 6/2/2013 06:00 - 6/3/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL/5233'- 5740'/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 48.3 BOP DRILL
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/5740'- 6279'/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 41.5 BOP DRILL

9-5D-35 BTR 6/3/2013 06:00 - 6/4/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6279'-6532'/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 25.3 BOP DRILL
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	9.50	02:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6532'-6833/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 31.7 BOP DRILL
02:00	4.00	06:00	8	REPAIR RIG	BOTH LIGHT PLANTS DOWN,RIGGED UP TO CIRC AND MOVE PIPE

9-5D-35 BTR 6/4/2013 06:00 - 6/5/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	8	REPAIR RIG	BOTH LIGHT PLANTS DOWN,RIGGED UP TO CIRC AND MOVE PIPE
08:30	8.00	16:30	2	DRILL ACTUAL	DRILL ACTUAL/6833'-7040'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 25.9
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/7040'-7484/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 34.2

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

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	2	DRILL ACTUAL	DRILL ACTUAL/7484'-8435/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 39.6

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

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	2	DRILL ACTUAL	DRILL ACTUAL/8435'-8689'/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 28.3
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	14.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/8689'-9145'/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 31.4

**9-5D-35 BTR 6/7/2013 06:00 - 6/8/2013 06:00**

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	DRILL ACTUAL/9145'-9229'/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 28'
09:00	6.00	15:00	6	TRIPS	PUMP DRY JOB TOO
15:00	2.50	17:30	20	DIRECTIONAL WORK	CHECK MWD TOOL/CHANGE BIT AND MM
17:30	3.50	21:00	6	TRIPS	TIH TO SHOE
21:00	2.00	23:00	9	CUT OFF DRILL LINE	CUT DRILLING LINE
23:00	4.50	03:30	6	TRIPS	TIH
03:30	2.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/9229'- 9260'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP

9-5D-35 BTR 6/8/2013 06:00 - 6/9/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	DRILL ACTUAL/9260'-9323'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 21
09:00	1.50	10:30	3	REAMING	WORK TIGHT HOLE PUMP SWEEP BACK REAM RAISE MW TO 9.8 PPG
10:30	5.00	15:30	2	DRILL ACTUAL	DRILL ACTUAL/9323'- 9419'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 19 DRILLING IN THE CASTLE PEAK
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9419'-9621'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 14

9-5D-35 BTR 6/9/2013 06:00 - 6/10/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	DRILL ACTUAL/ 9621'-9637'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP
06:30	0.50	07:00	7	LUBRICATE RIG	RIG SERVICE
07:00	3.00	10:00	21	OPEN	CHANGE OUT SWIVEL PACKING
10:00	9.50	19:30	6	TRIPS	TOOH PUMP OUT 12 JNTS TO9291' TIGHT HOLE
19:30	3.50	23:00	20	DIRECTIONAL WORK	CHANGE OUT BIT MM BATTERY IN MWD ORIENT TOOLS
23:00	7.00	06:00	6	TRIPS	TIH

9-5D-35 BTR 6/10/2013 06:00 - 6/11/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	3	REAMING	WASH TO BOTTOM 9387'-9637'
10:00	6.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL/ 9637'-9799'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 24.9
16:30	0.50	17:00	7	LUBRICATE RIG	rig service
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9799'-10116'/ WOB 15K-20K/PUMP #1 75 / PUMP #2 75/ ROT RPM 40/ BIT RPM 73/ ROP 24.4

9-5D-35 BTR 6/11/2013 06:00 - 6/12/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL/10116'-10369'/ WOB 15K-20K/PUMP #1 75 / PUMP #2 75/ ROT RPM 40/ BIT RPM 73/ ROP 26.6
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/10369'-10762'/ WOB 15K-20K/PUMP #1 75 / PUMP #2 75/ ROT RPM 40/ BIT RPM 73/ ROP 28.1

**9-5D-35 BTR 6/11/2013 06:00 - 6/12/2013 06:00**

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com

9-5D-35 BTR 6/12/2013 06:00 - 6/13/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	21.50	03:30	2	DRILL ACTUAL	STEERABLE DRILLING F/ 10,762'-11,405' (643' @ 30'/ Hr AVG). WOB 20k, GPM 457, MTR RPM 77 RPM 49 SLIDING 0%, ROTOATE 100%.
03:30	1.50	05:00	5	COND MUD & CIRC	CIRCULATE SWEEP AROUND FOR SHORT TRIP
05:00	1.00	06:00	6	TRIPS	SHORT TRIP 25 STANDS

9-5D-35 BTR 6/13/2013 06:00 - 6/14/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	SHORT TRIP T/ 9055
08:30	1.00	09:30	3	REAMING	REAM TO BOTTOM F/ 11300'-11405'
09:30	1.50	11:00	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP, CIRCULATE GAS OUT PUMP PILL FOR TRIP
11:00	7.00	18:00	6	TRIPS	TRIP OUT OF HOLE FOR LOGS
18:00	1.50	19:30	20	DIRECTIONAL WORK	LAY DOWN DIRECTIONAL TOOLS, STABS, REAMERS, MWD, BREAK BIT,
19:30	8.50	04:00	11	WIRELINE LOGS	HELD S/M WITH HALLIBURTON, RIG UP, RUN WIRE LINE LOGS TAG @ 11404'
04:00	2.00	06:00	6	TRIPS	TRIP IN HOLE

9-5D-35 BTR 6/14/2013 06:00 - 6/15/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	TRIP IN THE HOLE T/ 11,300'
11:00	1.00	12:00	3	REAMING	WASH AND REAM F/ 11,300' TO BOTTOM
12:00	1.50	13:30	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP, GAS OUT @ 8760 STKS 115 SPM
13:30	13.50	03:00	6	TRIPS	HELD S/M WITH FRANKS L/D DRILL PIPE, HWDP, DCs BREAK BIT
03:00	0.50	03:30	21	OPEN	PULL WARE BUSHING
03:30	2.50	06:00	12	RUN CASING & CEMENT	HELD S/M WITH FRANKS R/U CASING CREW RUN 5.5 17# LT&C CASING

9-5D-35 BTR 6/15/2013 06:00 - 6/16/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	14.00	20:00	12	RUN CASING & CEMENT	RUN 5.5 17# P-110 LT&C CASING BREAK CIRCULATION EVERY 1000' WITH FRANKS
20:00	5.00	01:00	5	COND MUD & CIRC	CIRCULATE 3 FULL CIRCULATIONS CIRCULATE GAS OUT @ 100 SPM 30,160 TOTAL STKS
01:00	5.00	06:00	12	RUN CASING & CEMENT	HELD S/M WITH CEMENTERS R/U CEMENTERS CEMENTING WITH HALLIBURTON (TEST LINES TO 5000 PSI PUMP 60 BBLs TUNED SPACER @ 11.2# 6.61 YP 43.08 WR (51SKS) PUMP 442 BBLs TUNED LIGHT LEAD CEMENT 11.5# 2.03 Y 9.06 WR (1225 SKS) PUMP 167 BBLs TAIL CEMENT @ 13.5# 1.46Y 6.88 WR (645 SKS) SHUT DOWN WASH UP DROP PLUG DISPLACE 262 BBLs WITH ALDACIDE AND CLAYWEB PUMP PLUG 500 OVER) FULL RETURNS 3 BBLs CEMENT BACK TO SURFACE R/U CEMENTERS

9-5D-35 BTR 6/16/2013 06:00 - 6/17/2013 06:00

API/UWI 43013516090000	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	12	RUN CASING & CEMENT	R/U CEMENTERS

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	3.50	10:30	21	OPEN	SET SLIPS WITH CAMRON 190K 30 K OVER NIPPLE DOWN B.O.Ps
10:30	7.50	18:00	21	OPEN	CLEAN PITS RELEASE RIG @ 18:00

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

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

9-5D-35 BTR 6/21/2013 06:00 - 6/22/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013516090000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI 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 10,794', Drilling Report Shows FC At 11,308', 514' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 10,794', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 06-14-2013. Run Repeat Section From 10,794 - 10,500', Log Up Hole. Showed Good Bond From TD To 8,550, 8,550 - 7,800' Fair, 7,800 - 3,730 Good To Ratty. TOC 3.730'. Found Short Joints At 9,863 - 9,884 And 8,561 - 8,582'. Ran With Pressure. Pooh, RD Equipment, MOL.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	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	1.00	08:00	BOPI	Install BOP's	CHECK PRESSURE. ND NIGHT CAP. NU BOP. RU FLOOR.
08:00	2.00	10:00	GOP	General Operations	SPOT HYD WALK AND RACKS. UNLOAD 365-JTS 2-7/8" L-80 TBG.
10:00	5.50	15:30	RUTB	Run Tubing	MU 4-3/4" BIT, BIT SUB. RIH AS PU -JTS 2-7/8" L-80 TBG. TAGGING SOFT AT 10,794'.
15:30	2.50	18:00	CTU	Clean Out	RU PWR SWIVEL. C/O SOFT CMT TO 10,908'. NOW HARD CMT. D/O CMT TO 10,970'. CIRC CLEAN. PU 1-JT, EOT AT 10,940' W/ 346-JTS IN. SDFN
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	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	6.50	13:30	CLN	Clean Out Hole	R/U POWER SWIVEL. BREAK CIRC. C/O CMT F/ 10,970' TO 11,348'. CIRC WELL CLEAN EVERY 3 JTS. D/O FLOAT COLLAR @ 11,307'. CIRC WELL W/ 100 BBLS. TEST CSG TO 2500 PSI FOR 5 MIN, HELD GOOD.
13:30	4.50	18:00	PULT	Pull Tubing	POOH TO 3984' L/D 2-7/8 TBG. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

9-5D-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
43013516090000	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	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.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	2.00	09:00	PULT	Pull Tubing	FINISH POOH W/ BIT L/D 2-7/8 TBG.
09:00	1.00	10:00	IWHD	Install Wellhead	FILL CSG W/ 10 BBLS. N/D BOP. N/U NITE CAP. SWIFN.
10:00	1.00	11:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.
11:00	1.00	12:00	RMOV	Rig Move	ROAD RIG TO 5-5D-35 BTR.

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: 9-5D-35 BTR			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013516090000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1965 FSL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE 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: 7/31/2013	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 July 2013 Drilling Activity for this well.					
<p style="margin: 0;">Accepted by the Utah Division of Oil, Gas and Mining</p> <p style="margin: 0;">FOR RECORD ONLY</p> <p style="margin: 0;">August 12, 2013</p>					
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst			
SIGNATURE N/A	DATE 8/5/2013				

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

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	NU Frac Mandrel, Test. NU Frac Tree, Test Casing. Plumb In FlowBack And SandTrap, Test.

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

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

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

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

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	2.00	09:00	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment, Arm Gun, Rig Up To Well.
09:00	2.50	11:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Tagged Up At 10,515'. Made 5-6 Attempts To Get Thru With No Luck. POOH. LayDown Gun, WSI And Secured.
11:30	3.50	15:00	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

9-5D-35 BTR 7/10/2013 06:00 - 7/11/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	SRIG	Rig Up/Down	HSM. RUSU.
08:00	1.00	09:00	BOPI	Install BOP's	ND FRAC VALVES. NU BOP. RU FLOOR.
09:00	3.00	12:00	GOP	General Operations	SPOT HYD WALK AND RACKS. MOVE 365-JTS TO RACKS.
12:00	6.00	18:00	RUTB	Run Tubing	MU 4-3/4" BIT, BIT SUB, 1-JT, 2.31 XN. RIH AS MEAS AND PU 266-JTS TBG. HAVING AIR COMPRESSOR ISSUES. FINALLY BROKE DOWN. EOT AT 8391'. SDFN
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

9-5D-35 BTR 7/11/2013 06:00 - 7/12/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	2.50	09:30	RUTB	Run Tubing	HSM. CONT RIH W/ 4-3/4" BIT AS PU 2-7/8" L-80 TBG. TAG PBTD AT 11,307' W/ 360-JTS IN.
09:30	2.00	11:30	CLN	Clean Out Hole	RU PWR SWIVEL. EST REV CIRC. GO DOWN AND DRILL LIGHTLY ON CMT TO CHEW UP ANY RUBBER. REV CIRC 350 BBLs. RD PWR SWIVEL.
11:30	5.50	17:00	PULT	Pull Tubing	POOH AS LD 360-JTS 2-7/8" L-80 TBG. MOVING TBG TO EDGE OF LOCATION.
17:00	1.50	18:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU FRAC MANDREL, FRAC VALVES, AND FRAC HEAD. PRES TEST CSG, VALVES, AND FB LINE.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

**9-5D-35 BTR 7/13/2013 06:00 - 7/14/2013 06:00**

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI And Secured. 0 Psi. On Well.
08:00	1.75	09:45	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment, Arm Gun, Rig Up To Well.
09:45	1.25	11:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Perforate Stage 1 CR-4A/CR-4 Zone, 10,808 - 11,103'. 45 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:00	3.00	14:00	SRIG	Rig Up/Down	HES On Location At 12:00 Hrs. Rig Up Equipment
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

9-5D-35 BTR 7/14/2013 06:00 - 7/15/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	0.00	06:00	FRAC	Frac. Job	Frac Stage 1. Fluid System: Hybor G 21. Open Well, 885 Psi. ICP. BrokeDown At 9.7 Bpm And 4,758 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BailOut. Let Balls Fall. Get Stabilized Injection Of 73.1 Bpm And 6,235 Psi., Get ISIP, 3,919 Psi.. 0.80 Psi./Ft. F.G.. 33/45 Holes. Con't With SlickWater Pad, 45,348 Gals.. Stage Into Hybor Pad, 71.2 Bpm At 6,217 Psi.. On Perfs, 70.5 Bpm At 6,836 Psi., 11,291 Gals. Stage Into 2.0# 20/40 CRC Prop, 70.5 Bpm At 6,908 Psi.. On Perfs, 73.8 Bpm At 6,476 Psi., 11,588 Gals. Stage Into 3.0# 20/40 CRC Prop, 75.0 Bpm At 6,385 Psi.. On Perfs, 74.5 Bpm At 6,728 Psi., 10,055 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.5 Bpm At 6,717 Psi.. On Perfs, 74.4 Bpm At 6,899 Psi., 14,894 Gals. Cut Sand, Increase In Net Pressure Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,685 Psi.. 0.87 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 98,520#. 70% Of Designed. Total Clean - 120,417 Gals.. 2,867 Bbls.. Produced Water - 70,456 Gals.. 2% KCL - 47,828 Gals.. BWTR - 2,962 Bbls. Max. Rate - 75.1 Bpm Avg. Rate - 72.6 Bpm Max. Psi. - 7,358 Psi. Avg. Psi. - 6,595 Psi.
06:00	0.00	06:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
06:00	1.42	07:25	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 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Set CBP At 10,768'. 3,300 Psi. Perforate Stage 2 CR-4/CR-3 Zone, 10,463 - 10,748'. 45 Holes. 2,100 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
07:25	0.08	07:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
07:30	1.00	08:30	FRAC	Frac. Job	Frac Stage 2. Fluid System: Hybor G 21. Open Well, 1,608 Psi. ICP. BrokeDown At 9.8 Bpm And 5,306 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 73.0 Bpm And 6,204 Psi., Get ISIP, 3,690 Psi.. 0.78 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 51,790 Gals.. Stage Into Hybor Pad, 73.0 Bpm At 5,808 Psi.. On Perfs, 71.8 Bpm At 6,425 Psi., 12,938 Gals. Stage Into 2.0# 20/40 CRC Prop, 71.8 Bpm At 6,456 Psi.. On Perfs, 71.7 Bpm At 5,880 Psi., 11,337 Gals. Stage Into 3.0# 20/40 CRC Prop, 71.7 Bpm At 5,870 Psi.. On Perfs, 71.3 Bpm At 6,550 Psi., 11,552 Gals. Cut Sand, Increase In Net Pressure. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,107 Psi.. 0.83 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 50,840#. 32% Of Designed. Total Clean - 114,220 Gals.. 2,720 Bbls.. Produced Water - 76,250 Gals.. 2% KCL - 35,827 Gals.. BWTR - 2,768 Bbls. Max. Rate - 73.2 Bpm Avg. Rate - 72.2 Bpm Max. Psi. - 6,551 Psi. Avg. Psi. - 6,043 Psi.	
08:30	0.17	08:40	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.	
08:40	1.25	09:55	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 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Set CBP At 10,433'. 3,100 Psi. Perforate Stage 3 CR-3/CR-2 Zone, 10,159 - 10,413'. 45 Holes. 2,700 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.	
09:55		09:55	SRIG	Rig Up/Down	Patterson 506 And SST 17 Are Getting Kicks And Fluid Gain. Shutting Down Ops. Until Both Are Cased And Cemented. RigDown WireLine And Frac Crews, MOL.	

9-5D-35 BTR 7/15/2013 06:00 - 7/16/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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 MOVERS AND HAUL IN SAND. SET FRONTSIDE MANIFOLD. SET LEL TRAILER.	

9-5D-35 BTR 7/21/2013 06:00 - 7/22/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	SRIG	Rig Up/Down	MIRU SLB W/ 5K LUBE. MIRU HES FRAC FLEET. READY TO FRAC. RECIEVED ORDERS TO STAND BY FOR DRLG DEPT.	

9-5D-35 BTR 7/22/2013 06:00 - 7/23/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	DTIM	Downtime	RECEIVED ORDERS TO WAIT ON DRLG OF 3-5D-35	

9-5D-35 BTR 7/23/2013 06:00 - 7/24/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	DTIM	Downtime	STANDBY, WAITING ON DRLG ON 3-5D-35	

**9-5D-35 BTR 7/24/2013 06:00 - 7/25/2013 06:00**

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	0.00	06:00	FRAC	Frac. Job	<p>Frac Stage 3. Fluid System: Hybor G 18. Open Well, 934 Psi. ICP. BrokeDown At 9.3 Bpm And 4,403 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.0 Bpm And 5,013 Psi., Get ISIP, 3,412 Psi.. 0.77 Psi./Ft. F.G.. 45/45 Holes. Con't With SlickWater Pad, 47,947 Gals.. Stage Into Hybor Pad, 74.7 Bpm At 5,300 Psi.. On Perfs, 75.2 Bpm At 5,519 Psi., 11,967 Gals. Stage Into 2.0# 20/40 CRC Prop, 75.0 Bpm At 5,518 Psi.. On Perfs, 74.8 Bpm At 5,261 Psi., 11,371 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.8 Bpm At 5,246 Psi.. On Perfs, 74.5 Bpm At 5,196 Psi., 14,412 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.5 Bpm At 5,297 Psi.. On Perfs, 74.3 Bpm At 5,800 Psi., 11,552 Gals. Cut Sand Due To Increase In Net Psi.. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,966 Psi.. 0.80 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 109,800#. 73% Of Designed. Total Clean - 125,317 Gals.. 2,984 Bbls.. Produced Water - 71,096 Gals.. 2% KCL - 52,038 Gals.. BWTR - 3,090 Bbls. Max. Rate - 74.9 Bpm Avg. Rate - 74.5 Bpm Max. Psi. - 5,869 Psi. Avg. Psi. - 5,432 Psi.</p>	
06:00	0.00	06:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.	
06:00	1.25	07:15	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Set CBP At 10,143'. 3,300 Psi. Perforate Stage 4 CR-2/Wasatch Zone, 9,839 - 10,123'. 45 Holes. 2,000 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>	
07:15	0.09	07:20	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.	
07:20	1.00	08:20	FRAC	Frac. Job	<p>Frac Stage 4. Fluid System: Hybor G 16. Open Well, 1,944 Psi. ICP. BrokeDown At 9.4 Bpm And 3,628 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.1 Bpm And 4,721 Psi., Get ISIP, 2,697 Psi.. 0.71 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 50,672 Gals.. Stage Into Hybor Pad, 75.2 Bpm At 4,780 Psi.. On Perfs, 75.0 Bpm At 5,142 Psi., 12,617 Gals. Stage Into 2.0# 20/40 CRC Prop, 75.0 Bpm At 5,149 Psi.. On Perfs, 74.8 Bpm At 4,634 Psi., 10,592 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.8 Bpm At 4,575 Psi.. On Perfs, 74.6 Bpm At 4,584 Psi., 18,049 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 4,571 Psi.. On Perfs, 73.5 Bpm At 5,424 Psi., 11,552 Gals. Cut Sand Due To Net Pressure Increase. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,986 Psi.. 0.74 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 99,000#. 66% Of Design. Total Clean - 123,997 Gals.. 2,952 Bbls.. Produced Water - 73,244 Gals.. 2% KCL - 52,038 Gals.. BWTR - 3,054 Bbls. Max. Rate - 75.0 Bpm Avg. Rate - 74.1 Bpm Max. Psi. - 5,759 Psi. Avg. Psi. - 4,888 Psi.</p>	



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:20	0.17	08:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
08:30	1.17	09:40	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 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,834'. 2,000 Psi. Perforate Stage 5 CR-1 Zone, 9,605 - 9,815'. 45 Holes. 1,500 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
09:40	0.08	09:45	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
09:45	1.17	10:55	FRAC	Frac. Job	Frac Stage 5. Fluid System: Hybor G 16. Open Well, 1,224 Psi. ICP. BrokeDown At 9.4 Bpm And 3,995 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 74.3 Bpm And 4,442 Psi., Get ISIP, 2,261 Psi.. 0.67 Psi./Ft. F.G.. 33/45 Holes. Con't With SlickWater Pad, 47,453 Gals.. Stage Into .75# 100 Mesh Pad, 72.8 Bpm At 4,425 Psi.. On Perfs, 74.7 Bpm At 4,662 Psi., 18,348 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.7 Bpm At 4,685 Psi.. On Perfs, 74.9 Bpm At 4,487 Psi., 10,325 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.9 Bpm At 4,472 Psi.. On Perfs, 74.8 Bpm At 4,225 Psi., 10,198 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.8 Bpm At 4,225 Psi.. On Perfs, 74.8 Bpm At 4,287 Psi., 14,910 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.8 Bpm At 4,372 Psi.. On Perfs, 74.7 Bpm At 4,449 Psi., 11,111 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.8 Bpm At 4,482 Psi.. On Perfs, 74.9 Bpm At 4,420 Psi., 9,790 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,989 Psi.. 0.75 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,000# Total 20/40 CRC Prop - 149,000#. Total Clean - 146,541 Gals.. 3,489 Bbls.. Produced Water - 69,826 Gals.. 2% KCL - 74,682 Gals.. BWTR - 3,658 Bbls. Max. Rate - 75.6 Bpm Avg. Rate - 74.7 Bpm Max. Psi. - 4,685 Psi. Avg. Psi. - 4,465 Psi.
10:55	0.16	11:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
11:05	1.17	12:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,600'. 2,000 Psi. Perforate Stage 6 CR-1/UteLand Butte/Castle Peak Zone, 9,358 - 9,584'. 45 Holes. 300 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
12:15	0.08	12:20	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
12:20	1.17	13:30	FRAC	Frac. Job	<p>Frac Stage 6. Fluid System: Hybor G 16. Open Well, 244 Psi. ICP. BrokeDown At 9.6 Bpm And 1,478 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.3 Bpm And 4,165 Psi., Get ISIP, 1,939 Psi.. 0.64 Psi./Ft. F.G.. 32/45 Holes. Con't With SlickWater Pad, 48,393 Gals.. Stage Into .75# 100 Mesh Pad, 75.4 Bpm At 4,238 Psi.. On Perfs, 75.1 Bpm At 4,347 Psi., 18,424 Gals. Stage Into 1.0# 20/40 White Prop, 75.1 Bpm At 4,353 Psi.. On Perfs, 75.0 Bpm At 4,342 Psi., 9,921 Gals. Stage Into 2.0# 20/40 White Prop, 75.0 Bpm At 4,338 Psi.. On Perfs, 75.2 Bpm At 4,054 Psi., 10,229 Gals. Stage Into 3.0# 20/40 White Prop, 75.2 Bpm At 4,044 Psi.. On Perfs, 75.2 Bpm At 3,838 Psi., 13,393 Gals. Stage Into 3.5# 20/40 White Prop, 75.1 Bpm At 3,827 Psi.. On Perfs, 75.1 Bpm At 3,750 Psi., 11,109 Gals. Stage Into 4.0# 20/40 White Prop, 75.1 Bpm At 3,750 Psi.. On Perfs, 75.1 Bpm At 3,761 Psi., 10,590 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,528 Psi.. 0.70 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,000# Total 20/40 CRC Prop - 149,800#. Total Clean - 145,885 Gals.. 3,473 Bbls.. Produced Water - 70,246 Gals.. 2% KCL - 73,666 Gals.. BWTR - 3,654 Bbls. Max. Rate - 76.4 Bpm Avg. Rate - 75.1 Bpm Max. Psi. - 4,453 Psi. Avg. Psi. - 4,073 Psi.</p>
13:30	0.08	13:35	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
13:35	1.17	14:45	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 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,351'. 1,750 Psi. Perforate Stage 6 Castle Peak/Black Shale Zone, 9,087 - 9,331'. 45 Holes. 1,750 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
14:45	0.25	15:00	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	1.17	16:10	FRAC	Frac. Job	Frac Stage 7. Fluid System: Hybor G 16. Open Well, 1,385 Psi. ICP. BrokeDown At 10.1 Bpm And 1,775 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.4 Bpm And 3,954 Psi., Get ISIP, 1,671 Psi.. 0.63 Psi./Ft. F.G.. 32/45 Holes. Con't With SlickWater Pad, 47,532 Gals.. Stage Into .75# 100 Mesh Pad, 75.1 Bpm At 3,608 Psi.. On Perfs, 74.9 Bpm At 3,706 Psi., 18,186 Gals. Stage Into 1.0# 20/40 White Prop, 74.8 Bpm At 3,727 Psi.. On Perfs, 75.2 Bpm At 3,632 Psi., 9,605 Gals. Stage Into 2.0# 20/40 White Prop, 75.2 Bpm At 3,621 Psi.. On Perfs, 75.4 Bpm At 3,423 Psi., 9,941 Gals. Stage Into 3.0# 20/40 White Prop, 75.3 Bpm At 3,400 Psi.. On Perfs, 75.2 Bpm At 3,261 Psi., 14,208 Gals. Stage Into 3.5# 20/40 White Prop, 75.1 Bpm At 3,255 Psi.. On Perfs, 75.3 Bpm At 3,174 Psi., 10,723 Gals. Stage Into 4.0# 20/40 White Prop, 75.3 Bpm At 3,169 Psi.. On Perfs, 75.3 Bpm At 3,120 Psi., 24,992 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,177 Psi.. 0.57 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,000# Total 20/40 CRC Prop - 155,900#. Total Clean - 158,215 Gals.. 3,767 Bbls.. Produced Water - 68,651 Gals.. 2% KCL - 87,655 Gals.. BWTR - 3,959 Bbls. Max. Rate - 75.6 Bpm Avg. Rate - 73.1 Bpm Max. Psi. - 3,748 Psi. Avg. Psi. - 3,372 Psi.
16:10	0.33	16:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.
16:30	0.75	17:15	PFRT	Perforating	RIH With 3 1/8" CCL/Sinker Bars And CBP Plug Assembly. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,040'. 800 Psi. Bleed Pressure Off Wwell. POOH. LayDown Tools, WSI And Secured.
17:15	3.50	20:45	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
20:45	9.25	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

9-5D-35 BTR 7/25/2013 06:00 - 7/26/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	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	1.00	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 TBG ON RACKS & TALLY TBG.
11:00	4.50	15:30	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 @ 9040'
15:30	1.50	17:00	DOPG	Drill Out Plugs	R/U POWER SWIVEL. FLUSH TBG. TEST CIRC EQUIPMENT & BOPE TO 3000 PSI, HELD GOOD. SDFN
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL WELL SECURE.

9-5D-35 BTR 7/26/2013 06:00 - 7/27/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	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.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	7.50	14:30	DOPG	Drill Out Plugs	<p>SIWP- 0. R/U POWER SWIVEL. BREAK CIRC. D/O KILL PLUG @ 9040'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 9505'. C/O SAND & D/O CBP @ 9600'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 9570'. C/O SAND & D/O CBP @ 9600'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 9799'. C/O SAND & D/O CBP @ 9834'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 10,137'. C/O SAND & D/O CBP @ 10,143'. FCP-0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 10,413'. C/O SAND & D/O CBP @ 10,433'. FCP- 900 ON 36/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 10,559'. C/O SAND & D/O CBP @ 10,748'. FCP- 900 ON 36/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 11,274'. C/O SAND TO 11,337'. PBTD. 275' RAT HOLE. CIRC WELL CLEAN. R/D SWIVEL.</p>
14:30	1.50	16:00	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 9006' & LAND TBG. 286 JTS TOTAL IN HOLE.
16:00	2.00	18:00	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. TURN OVER TO FLOW BACK. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. TBG FLOWING TO SALES.

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: 9-5D-35 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013516090000
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: 1965 FSL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE 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: 7/26/2013	<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 type="text"/>

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

This well received first production and gas sales on 07/26/2013 and first oil sales on 07/27/2013.

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

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 7/29/2013	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
20G0005608

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator BILL BARRETT CORPORATION E-Mail: chirtler@billbarrettcorp.com			8. Lease Name and Well No. 9-5D-35 BTR		
3. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202		3a. Phone No. (include area code) Ph: 303-312-8597	9. API Well No. 43-013-51609		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1965FSL 661FEL At top prod interval reported below NESE 1968FSL 811FEL At total depth NESE 1924FSL 813FEL			10. Field and Pool, or Exploratory ALTAMONT		
14. Date Spudded 04/30/2013			15. Date T.D. Reached 06/13/2013	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/26/2013	17. Elevations (DF, KB, RT, GL)* 6094 GL
18. Total Depth: MD 11420 TVD 11411	19. Plug Back T.D.: MD 11309 TVD 11300	20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL,GR,CBL,MUD			22. Was well cored? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	65.0	0	80	80				
12.250	9.625 J-55	36.0	0	3996	3996	940	1027	0	
7.000	5.500 P110	17.0	0	11420	11399	1870	609	5414	

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	9007							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	9087	9815	9087 TO 9815	0.380	135	OPEN
B) WASATCH	9839	11103	9839 TO 11103	0.380	225	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
9087 TO 9815	GREEN RIVER SEE ATTACHED STAGES 5-7
9839 TO 11103	WASATCH SEE ATTACHED STAGES 1-4

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/26/2013	07/28/2013	24	→	1378.0	2106.0	202.0	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 1300	1400.0	→	1378	2106	202	1528	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 #216694 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	5293
				MAHOGANY	6217
				DOUGLAS CREEK	8306
				BLACK SHALE FACIES	8976
				CASTLE PEAK	9109
				UTELAND BUTTE	9502
				WASATCH	9833
				TD	11420

32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. Conductor cemented with grout. Attached is Treatment data, Logs (CBL will be mailed due to file size) and End of Well Report. First gas sales were on 7/26/2013; first oil sales 7/27/2013.

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 #216694 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal**

Name (please print) CHRISTINA HIRTLER Title ADMINISTRATIVE ASSISTANT

Signature (Electronic Submission) Date 08/12/2013

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: Aug. 12, 2013

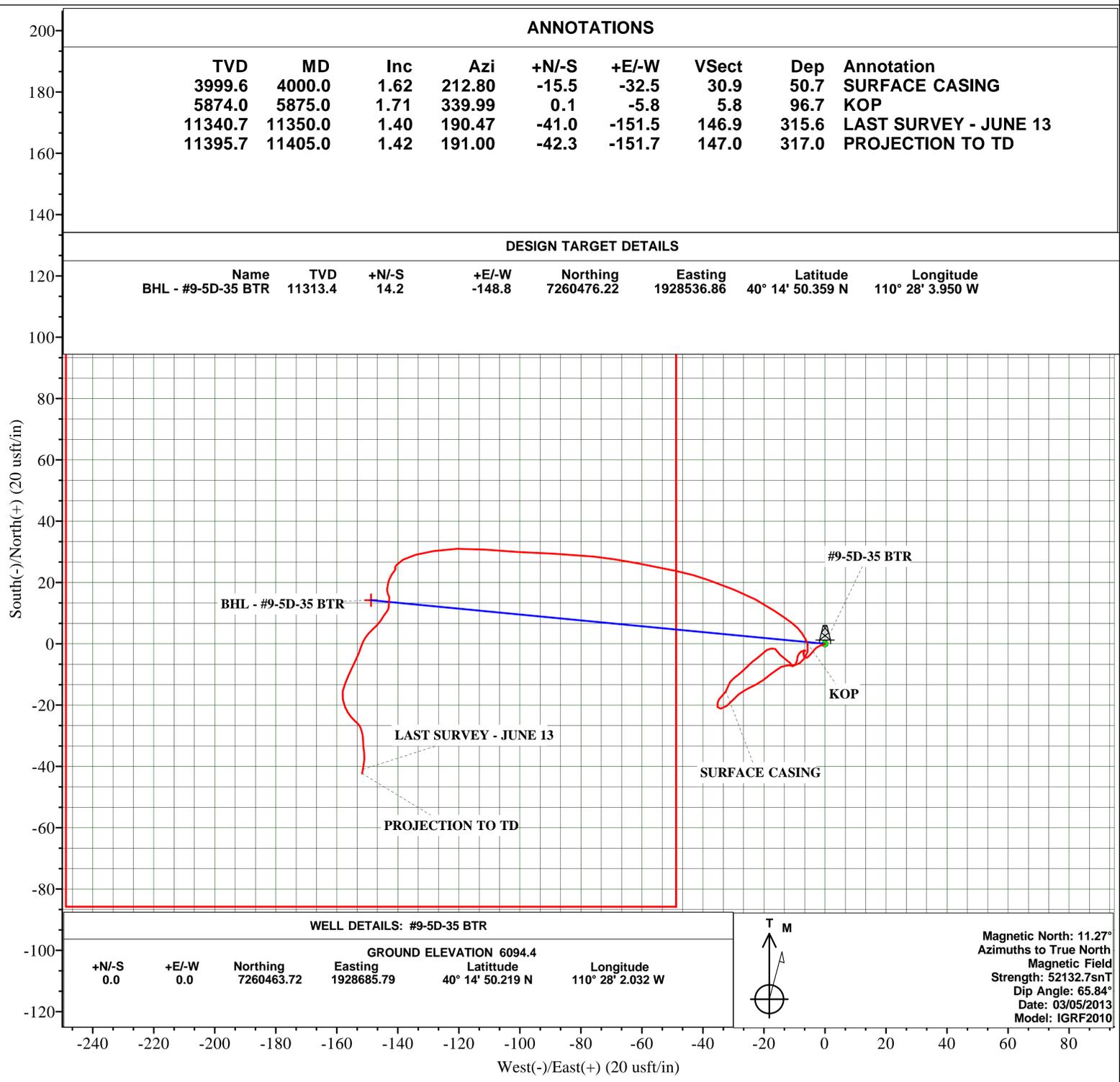
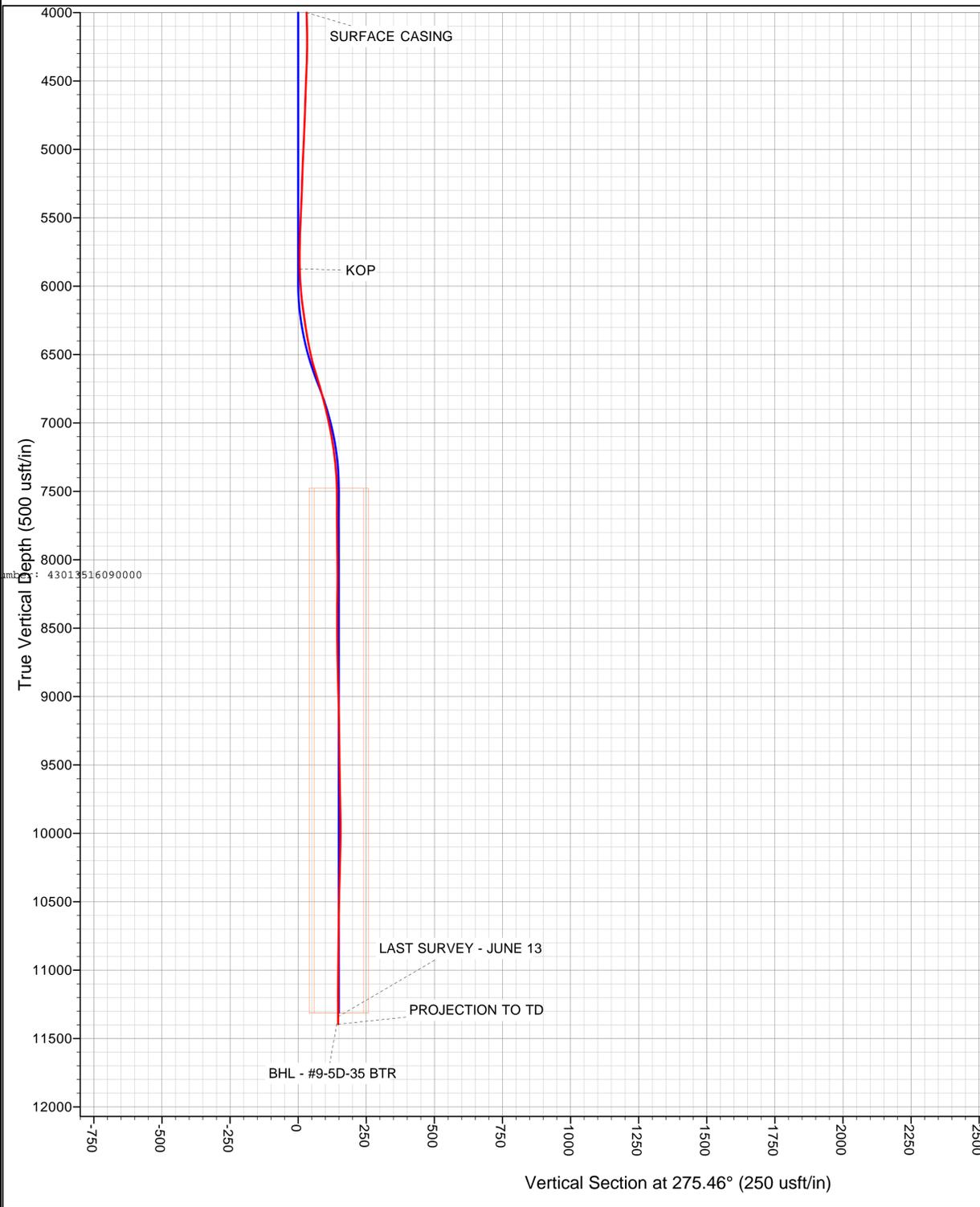
9-5D-35 BTR Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)					
AMOUNT AND TYPE OF MATERIAL					
<i>Stage</i>	<i>BBS Slurry</i>	<i>lbs 100 Common Mesh</i>	<i>lbs 20/40 CRC</i>	<i>lbs 20/40 White Sand</i>	<i>gal 15% HCl Acid</i>
1	2866		98520		4061
2	2696		49240		3949
3	2990		109800		3900
4	3012		99000		3900
5	3551	14000	146140		3900
6	3550	14000		149800	3900
7	3823	14000		155960	3900

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



Project: UTAH (DUCHESNE COUNTY - NAD 83)
 Site: SEC. 5 T3S R5W U.S.B & M.
 Well: #9-5D-35 BTR
 Wellbore: Job# 2009-196
 Design: FINAL SURVEYS



Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #9-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6111.4usft (PATTERSON 506)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6111.4usft (PATTERSON 506)
Well:	#9-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-196	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	#9-5D-35 BTR					
Well Position	+N/-S	0.0 usft	Northing:	7,260,463.72 usft	Latitude:	40° 14' 50.219 N
	+E/-W	0.0 usft	Easting:	1,928,685.79 usft	Longitude:	110° 28' 2.032 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	6,094.4 usft

Wellbore	Job# 2009-196				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	03/05/2013	11.27	65.84	52,133

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	275.46

Survey Program	Date	13/06/2013			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
194.0	11,405.0	FINAL SURVEYS (Job# 2009-196)	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	6,111.4	0.0	0.0	0.0	0.00	0.00	0.00	
194.0	0.44	245.95	194.0	5,917.4	-0.3	-0.7	0.6	0.23	0.23	0.00	
287.0	0.66	252.19	287.0	5,824.4	-0.6	-1.5	1.5	0.24	0.24	6.71	
377.0	0.62	239.00	377.0	5,734.4	-1.0	-2.4	2.3	0.17	-0.04	-14.66	
468.0	0.57	224.15	468.0	5,643.4	-1.6	-3.2	3.0	0.18	-0.05	-16.32	
559.0	0.75	220.11	559.0	5,552.4	-2.4	-3.9	3.6	0.20	0.20	-4.44	
651.0	0.70	219.93	651.0	5,460.4	-3.3	-4.6	4.3	0.05	-0.05	-0.20	
741.0	0.83	224.85	741.0	5,370.4	-4.2	-5.4	5.0	0.16	0.14	5.47	
832.0	0.26	281.28	832.0	5,279.4	-4.6	-6.1	5.6	0.79	-0.63	62.01	
958.0	0.04	281.28	958.0	5,153.4	-4.5	-6.4	6.0	0.17	-0.17	0.00	
1,053.0	0.18	280.52	1,053.0	5,058.4	-4.5	-6.6	6.1	0.15	0.15	-0.80	
1,148.0	0.35	335.60	1,148.0	4,963.4	-4.2	-6.9	6.4	0.30	0.18	57.98	
1,244.0	0.35	355.55	1,244.0	4,867.4	-3.6	-7.0	6.6	0.13	0.00	20.78	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #9-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6111.4usft (PATTERSON 506)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6111.4usft (PATTERSON 506)
Well:	#9-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-196	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)	
1,339.0	0.26	347.81	1,339.0	4,772.4	-3.1	-7.1	6.7	0.10	-0.09	-8.15	
1,434.0	0.24	27.98	1,434.0	4,677.4	-2.7	-7.0	6.7	0.18	-0.02	42.28	
1,529.0	0.27	9.17	1,529.0	4,582.4	-2.4	-6.9	6.6	0.09	0.03	-19.80	
1,625.0	0.04	299.60	1,625.0	4,486.4	-2.1	-6.9	6.7	0.27	-0.24	-72.47	
1,720.0	0.27	101.28	1,720.0	4,391.4	-2.1	-6.7	6.5	0.32	0.24	170.19	
1,815.0	0.16	155.42	1,815.0	4,296.4	-2.3	-6.4	6.2	0.23	-0.12	56.99	
1,910.0	0.66	281.28	1,909.9	4,201.5	-2.3	-6.9	6.7	0.81	0.53	132.48	
2,005.0	0.57	231.36	2,004.9	4,106.5	-2.5	-7.8	7.5	0.55	-0.09	-52.55	
2,100.0	0.75	219.84	2,099.9	4,011.5	-3.3	-8.6	8.2	0.23	0.19	-12.13	
2,196.0	0.44	180.82	2,195.9	3,915.5	-4.1	-9.0	8.6	0.51	-0.32	-40.65	
2,291.0	1.05	190.40	2,290.9	3,820.5	-5.3	-9.1	8.6	0.65	0.64	10.08	
2,386.0	0.66	217.65	2,385.9	3,725.5	-6.6	-9.6	9.0	0.58	-0.41	28.68	
2,481.0	0.75	246.21	2,480.9	3,630.5	-7.3	-10.5	9.8	0.38	0.09	30.06	
2,577.0	0.48	6.27	2,576.9	3,534.5	-7.2	-11.1	10.3	1.12	-0.28	125.06	
2,673.0	0.62	324.26	2,672.9	3,438.5	-6.4	-11.3	10.7	0.43	0.15	-43.76	
2,767.0	1.71	303.34	2,766.9	3,344.5	-5.2	-12.8	12.3	1.23	1.16	-22.26	
2,862.0	1.23	318.11	2,861.8	3,249.6	-3.6	-14.7	14.3	0.64	-0.51	15.55	
2,957.0	0.70	320.65	2,956.8	3,154.6	-2.4	-15.7	15.4	0.56	-0.56	2.67	
3,052.0	0.44	321.36	3,051.8	3,059.6	-1.7	-16.3	16.1	0.27	-0.27	0.75	
3,147.0	1.19	262.74	3,146.8	2,964.6	-1.5	-17.5	17.3	1.09	0.79	-61.71	
3,242.0	0.75	237.77	3,241.8	2,869.6	-2.0	-19.0	18.7	0.63	-0.46	-26.28	
3,337.0	1.41	225.47	3,336.8	2,774.6	-3.1	-20.4	20.0	0.73	0.69	-12.95	
3,433.0	1.23	236.10	3,432.8	2,678.6	-4.5	-22.1	21.5	0.32	-0.19	11.07	
3,528.0	1.27	229.78	3,527.7	2,583.7	-5.8	-23.7	23.1	0.15	0.04	-6.65	
3,623.0	1.93	224.50	3,622.7	2,488.7	-7.6	-25.7	24.8	0.71	0.69	-5.56	
3,718.0	1.58	230.66	3,717.7	2,393.7	-9.6	-27.8	26.8	0.42	-0.37	6.48	
3,813.0	1.71	232.68	3,812.6	2,298.8	-11.3	-29.9	28.7	0.15	0.14	2.13	
3,935.0	1.49	194.44	3,934.6	2,176.8	-13.9	-31.8	30.3	0.88	-0.18	-31.34	
SURFACE CASING											
4,000.0	1.62	212.80	3,999.6	2,111.8	-15.5	-32.5	30.9	0.79	0.20	28.24	
4,066.0	1.89	227.40	4,065.5	2,045.9	-17.0	-33.8	32.0	0.79	0.41	22.13	
4,162.0	1.19	191.63	4,161.5	1,949.9	-19.1	-35.2	33.2	1.21	-0.73	-37.26	
4,258.0	0.69	168.70	4,257.5	1,853.9	-20.6	-35.2	33.1	0.64	-0.52	-23.89	
4,352.0	1.10	89.15	4,351.5	1,759.9	-21.2	-34.2	32.1	1.26	0.44	-84.63	
4,447.0	1.63	52.32	4,446.4	1,665.0	-20.3	-32.2	30.2	1.05	0.56	-38.77	
4,543.0	1.76	40.20	4,542.4	1,569.0	-18.4	-30.2	28.3	0.40	0.14	-12.62	
4,638.0	1.45	51.97	4,637.4	1,474.0	-16.5	-28.3	26.6	0.47	-0.33	12.39	
4,733.0	1.32	62.34	4,732.3	1,379.1	-15.3	-26.4	24.8	0.30	-0.14	10.92	
4,828.0	1.10	59.36	4,827.3	1,284.1	-14.3	-24.7	23.2	0.24	-0.23	-3.14	
4,923.0	1.54	69.02	4,922.3	1,189.1	-13.4	-22.7	21.3	0.52	0.46	10.17	
5,019.0	2.11	49.60	5,018.2	1,093.2	-11.8	-20.1	18.9	0.87	0.59	-20.23	
5,114.0	1.23	54.61	5,113.2	998.2	-10.0	-18.0	16.9	0.94	-0.93	5.27	
5,209.0	1.67	54.17	5,208.2	903.2	-8.6	-16.0	15.1	0.46	0.46	-0.46	
5,304.0	0.79	61.20	5,303.1	808.3	-7.5	-14.3	13.5	0.94	-0.93	7.40	
5,400.0	1.63	85.37	5,399.1	712.3	-7.1	-12.4	11.6	1.01	0.87	25.18	
5,495.0	1.05	93.95	5,494.1	617.3	-7.0	-10.2	9.4	0.64	-0.61	9.03	
5,590.0	1.49	52.06	5,589.1	522.3	-6.3	-8.3	7.7	1.05	0.46	-44.09	
5,685.0	1.32	35.10	5,684.0	427.4	-4.7	-6.7	6.2	0.47	-0.18	-17.85	
5,780.0	1.63	17.08	5,779.0	332.4	-2.5	-5.7	5.4	0.58	0.33	-18.97	
KOP											
5,875.0	1.71	339.99	5,874.0	237.4	0.1	-5.8	5.8	1.12	0.08	-39.04	
5,970.0	2.72	326.46	5,968.9	142.5	3.4	-7.5	7.8	1.19	1.06	-14.24	
6,065.0	3.30	306.59	6,063.8	47.6	6.9	-10.9	11.6	1.25	0.61	-20.92	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #9-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6111.4usft (PATTERSON 506)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6111.4usft (PATTERSON 506)
Well:	#9-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-196	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)	
6,160.0	4.66	303.34	6,158.5	-47.1	10.6	-16.4	17.3	1.45	1.43	-3.42	
6,255.0	4.35	298.51	6,253.3	-141.9	14.5	-22.8	24.0	0.52	-0.33	-5.08	
6,351.0	5.01	290.77	6,348.9	-237.5	17.7	-29.9	31.4	0.95	0.69	-8.06	
6,446.0	5.89	290.24	6,443.5	-332.1	20.8	-38.3	40.1	0.93	0.93	-0.56	
6,541.0	6.94	281.72	6,537.9	-426.5	23.7	-48.5	50.6	1.49	1.11	-8.97	
6,636.0	9.28	280.93	6,632.0	-520.6	26.3	-61.7	63.9	2.47	2.46	-0.83	
6,731.0	8.17	276.09	6,725.9	-614.5	28.5	-75.9	78.3	1.40	-1.17	-5.09	
6,827.0	7.51	271.70	6,821.0	-709.6	29.4	-89.0	91.3	0.93	-0.69	-4.57	
6,922.0	6.86	274.07	6,915.2	-803.8	30.0	-100.8	103.2	0.75	-0.68	2.49	
7,017.0	5.98	274.16	7,009.6	-898.2	30.7	-111.4	113.8	0.93	-0.93	0.09	
7,112.0	5.19	268.71	7,104.2	-992.8	31.0	-120.6	123.0	1.00	-0.83	-5.74	
7,207.0	4.17	259.17	7,198.8	-1,087.4	30.2	-128.3	130.6	1.35	-1.07	-10.04	
7,302.0	3.12	256.93	7,293.7	-1,182.3	29.0	-134.2	136.4	1.12	-1.11	-2.36	
7,397.0	2.24	237.25	7,388.5	-1,277.1	27.4	-138.3	140.3	1.33	-0.93	-20.72	
7,492.0	1.23	219.23	7,483.5	-1,372.1	25.6	-140.5	142.3	1.20	-1.06	-18.97	
7,587.0	0.31	125.98	7,578.5	-1,467.1	24.7	-141.0	142.7	1.35	-0.97	-98.16	
7,683.0	0.18	176.16	7,674.5	-1,563.1	24.4	-140.7	142.4	0.25	-0.14	52.27	
7,778.0	0.62	222.48	7,769.5	-1,658.1	23.9	-141.1	142.7	0.54	0.46	48.76	
7,873.0	1.32	213.43	7,864.5	-1,753.1	22.6	-142.0	143.5	0.75	0.74	-9.53	
7,968.0	1.10	198.31	7,959.5	-1,848.1	20.8	-142.9	144.3	0.41	-0.23	-15.92	
8,063.0	0.92	186.36	8,054.4	-1,943.0	19.2	-143.3	144.5	0.29	-0.19	-12.58	
8,158.0	1.10	191.02	8,149.4	-2,038.0	17.5	-143.6	144.6	0.21	0.19	4.91	
8,254.0	0.66	122.37	8,245.4	-2,134.0	16.3	-143.3	144.2	1.10	-0.46	-71.51	
8,349.0	1.01	180.56	8,340.4	-2,229.0	15.2	-142.8	143.6	0.91	0.37	61.25	
8,444.0	1.32	184.78	8,435.4	-2,324.0	13.3	-142.9	143.5	0.34	0.33	4.44	
8,539.0	0.75	185.66	8,530.4	-2,419.0	11.5	-143.1	143.5	0.60	-0.60	0.93	
8,634.0	0.66	232.24	8,625.4	-2,514.0	10.6	-143.6	143.9	0.59	-0.09	49.03	
8,729.0	1.31	209.39	8,720.4	-2,609.0	9.3	-144.5	144.7	0.79	0.68	-24.05	
8,824.0	1.41	215.19	8,815.3	-2,703.9	7.4	-145.7	145.8	0.18	0.11	6.11	
8,919.0	1.14	226.88	8,910.3	-2,798.9	5.8	-147.1	147.0	0.39	-0.28	12.31	
9,014.0	1.01	226.61	9,005.3	-2,893.9	4.6	-148.4	148.2	0.14	-0.14	-0.28	
9,110.0	1.10	222.39	9,101.3	-2,989.9	3.3	-149.6	149.3	0.12	0.09	-4.40	
9,205.0	0.88	211.58	9,196.3	-3,084.9	2.0	-150.6	150.1	0.30	-0.23	-11.38	
9,300.0	1.10	208.24	9,291.2	-3,179.8	0.6	-151.4	150.8	0.24	0.23	-3.52	
9,395.0	1.10	195.15	9,386.2	-3,274.8	-1.1	-152.1	151.3	0.26	0.00	-13.78	
9,491.0	1.45	202.71	9,482.2	-3,370.8	-3.1	-152.8	151.8	0.40	0.36	7.87	
9,586.0	1.58	206.31	9,577.2	-3,465.8	-5.4	-153.9	152.6	0.17	0.14	3.79	
9,680.0	1.63	205.00	9,671.1	-3,559.7	-7.7	-155.0	153.6	0.07	0.05	-1.39	
9,775.0	1.76	204.02	9,766.1	-3,654.7	-10.3	-156.2	154.5	0.14	0.14	-1.03	
9,870.0	1.71	201.56	9,861.0	-3,749.6	-13.0	-157.3	155.3	0.09	-0.05	-2.59	
9,965.0	1.49	192.69	9,956.0	-3,844.6	-15.5	-158.1	155.9	0.35	-0.23	-9.34	
10,061.0	1.76	167.73	10,052.0	-3,940.6	-18.1	-158.0	155.6	0.78	0.28	-26.00	
10,156.0	1.36	158.32	10,146.9	-4,035.5	-20.6	-157.3	154.6	0.50	-0.42	-9.91	
10,251.0	1.10	146.72	10,241.9	-4,130.5	-22.4	-156.4	153.5	0.38	-0.27	-12.21	
10,346.0	1.09	141.97	10,336.9	-4,225.5	-23.9	-155.3	152.4	0.10	-0.01	-5.00	
10,442.0	0.92	128.88	10,432.9	-4,321.5	-25.1	-154.2	151.1	0.30	-0.18	-13.64	
10,537.0	0.83	136.61	10,527.9	-4,416.5	-26.1	-153.1	149.9	0.16	-0.09	8.14	
10,632.0	0.66	151.38	10,622.9	-4,511.5	-27.1	-152.4	149.1	0.27	-0.18	15.55	
10,727.0	0.83	166.32	10,717.9	-4,606.5	-28.2	-151.9	148.6	0.27	0.18	15.73	
10,822.0	1.05	166.06	10,812.8	-4,701.4	-29.7	-151.6	148.1	0.23	0.23	-0.27	
10,918.0	1.14	182.05	10,908.8	-4,797.4	-31.5	-151.4	147.7	0.33	0.09	16.66	
11,013.0	1.21	174.25	11,003.8	-4,892.4	-33.5	-151.3	147.5	0.18	0.07	-8.21	
11,108.0	1.25	170.41	11,098.8	-4,987.4	-35.5	-151.1	147.0	0.10	0.04	-4.04	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #9-5D-35 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6111.4usft (PATTERSON 506)
Site:	SEC. 5 T3S R5W U.S.B & M.	MD Reference:	KB @ 6111.4usft (PATTERSON 506)
Well:	#9-5D-35 BTR	North Reference:	True
Wellbore:	Job# 2009-196	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)
11,204.0	1.30	185.25	11,194.8	-5,083.4	-37.6	-151.0	146.7	0.35	0.05	15.46
11,299.0	1.34	189.69	11,289.7	-5,178.3	-39.8	-151.3	146.8	0.12	0.04	4.67
LAST SURVEY - JUNE 13										
11,350.0	1.40	190.47	11,340.7	-5,229.3	-41.0	-151.5	146.9	0.12	0.12	1.53
PROJECTION TO TD										
11,405.0	1.42	191.00	11,395.7	-5,284.3	-42.3	-151.7	147.0	0.04	0.04	0.96

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
BHL - #9-5D-35 BTR	0.00	0.00	11,313.4	14.2	-148.8	7,260,476.22	1,928,536.86	40° 14' 50.359 N	110° 28' 3.950 W
- hit/miss target									
- Shape									
- survey misses target center by 54.6usft at 11321.4usft MD (11312.1 TVD, -40.3 N, -151.4 E)									
- Rectangle (sides W200.0 H200.0 D0.0)									

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,000.0	3,999.6	-15.5	-32.5	SURFACE CASING
5,875.0	5,874.0	0.1	-5.8	KOP
11,350.0	11,340.7	-41.0	-151.5	LAST SURVEY - JUNE 13
11,405.0	11,395.7	-42.3	-151.7	PROJECTION TO TD

Checked By: _____ Approved By: _____ Date: _____

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

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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 F/ 13-5D-35 BTR TO 9-5D-35 BTR 4 BED TRUCKS 2 HAUL TRUCKS TWO FORKLIFTS
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAY LIGHTS

9-5D-35 BTR 5/15/2013 06:00 - 5/16/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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 F/ 13-5D-35 BTR-9-5D-35 BTR 4 BED TRUCKS 2 HAUL TRUCKS 2 FORKLIFTS
18:00	12.00	06:00	8	RIGUP & TEARDOWN	CAT 4 LOAD BARING TEST ON RIG

9-5D-35 BTR 5/16/2013 06:00 - 5/17/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	CAT 4 INSPECTION ON DERRICK, BREAKS, SUB, BLOCKS, DEAD MAN ANCOR, LOAD TEST, CIVES CROWN

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

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	INSPECTION ON RIG CAT 4

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

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	CAT 4 INSPECTION ON RIG SPLIT DERRICK AND INSPECT PIN HOLE PUT DERRICK BACK TOGETHER

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

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	SAND BLAST AND INSPECT DERRICK

9-5D-35 BTR 5/20/2013 06:00 - 5/21/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	CAT 4 INSPECTION (LOAD BARING) ON SUBSTRUTURE DRAW WORKS AND ROTARY BEAMS

9-5D-35 BTR 5/21/2013 06:00 - 5/22/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	LOAD BARING INSPECTION

9-5D-35 BTR 5/22/2013 06:00 - 5/23/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	FINISH WELDING ON DERRICK AND FINISH INSPECTION FOR LOAD BARING TEST

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	8	REPAIR RIG	FINISH INSPECTION CAT 4 LOAD BARING TEST
12:30	17.50	06:00	1	RIGUP & TEARDOWN	SET DERRICK ON FLOOR, INSTALL BOARD, RASIE DERRICK, RIG UP FLOOR, SET DOG HOUSE, SET WATER TANKS AND CEMENT UP RIGHTS, PICK UP KELLY & SWIVEL AND MAKE UP, SET OUT B.H.A RIG UP FLAIR LINES, SET CAT WALK & BEAVER SLIDE, SPOLL DRILL LINE ON TO DRUM, PICK UP CONDUTOR, M/U FLOW LINE RIG UP BUSTER LINES, GET PITS READY TO DRILL PRE SPUD INSPECTION

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	1	RIGUP & TEARDOWN	FINISH RIGGING UP STRAP B.H.A AND FINISH PRE SPUD INSPECTION
10:00	0.50	10:30	5	COND MUD & CIRC	MAKE SPUD MUD
10:30	2.00	12:30	20	DIRECTIONAL WORK	PICK UP DIRECTIONAL TOOLS REAMERS AND M/U BIT DOWN LINK TO TOOLS SCRIBE MOTOR
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE
13:00	17.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 96"-948' (852' @ 50'/ Hr AVG). WOB 16.5k, GPM 521, MTR RPM 88 RPM 35 SLIDING 0%, ROTOATE 100%.

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	STEERABLE DRILLING F/ 948"-1563' (615' @ 58'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 0%, ROTOATE 100%.
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 1563"-2180' (617' @ 51'/ Hr AVG). WOB 16.5k, GPM 521, MTR RPM 88 RPM 35 SLIDING 0%, ROTOATE 100%.

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2180"-2419' (615' @ 58'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 10%, ROTOATE 90%.
13:00	2.00	15:00	6	TRIPS	TRIP OUT OF HOLE FOR BIT AND MUD MOTOR
15:00	2.00	17:00	20	DIRECTIONAL WORK	L/D-P/U DIRECTIONAL MUD MOTOR BREAK AND MAKE NEW BIT RE SCIBE MOTOR DOWN LINK TO MWD TOOL
17:00	2.50	19:30	6	TRIPS	TRIP BACK IN THE HOLE
19:30	10.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2419"-2673' (254' @ 25.4'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 10%, ROTOATE 90%.

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	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/ 2673"-2927' (254' @ 25.4'/ Hr AVG). WOB 19k, GPM 521, MTR RPM 88 RPM 35 SLIDING 20%, ROTOATE 80%. LOST RETURNS @ 2672 REGAINED FULL RETURNS @ 2839
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	13.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 2927"-3191' (264' @ 20'/ Hr AVG). WOB 22k, GPM 521, MTR RPM 88 RPM 35 SLIDING 10%, ROTOATE 90%.

**9-5D-35 BTR 5/28/2013 06:00 - 5/29/2013 06:00**

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 3191'-3446' (255' @ 25.5'/ Hr AVG). WOB 25k, GPM 500, MTR RPM 80 RPM 40 SLIDING 20%, ROTOATE 80%
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	13.50	06:00	2	DRILL ACTUAL	STEERABLE DRILLING F/ 3481'-3768' (287' @ 25.5'/ Hr AVG). WOB 25k, GPM 500, MTR RPM 80 RPM 40 SLIDING 20%, ROTOATE 80%

9-5D-35 BTR 5/29/2013 06:00 - 5/30/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	STEERABLE DRILLING F/ 3768'-4000' (287' @ 25.5'/ Hr AVG). WOB 25k, GPM 500, MTR RPM 80 RPM 40 SLIDING 0%, ROTOATE 100%
14:00	1.50	15:30	5	COND MUD & CIRC	CIRC SWEEP
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	2.00	18:00	6	TRIPS	SHORT TRIP TO 2400'
18:00	2.00	20:00	5	COND MUD & CIRC	CIRC SWEEP/DISP w/CLEAN MUD/PUMP DRYJOB
20:00	2.50	22:30	6	TRIPS	TOOH TO BHA
22:30	3.00	01:30	6	TRIPS	HELD SAFETY MEETING/RIG UP LAYDOWN TRK & LD 8"BHA
01:30	4.50	06:00	12	RUN CASING & CEMENT	SAFETY MEETING WITH CASERS/RUN 9 5/8 SURFACE PIPE

9-5D-35 BTR 5/30/2013 06:00 - 5/31/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	12	RUN CASING & CEMENT	RUN 9 5/8 CASING LD 2 BAD JOINTS AND CHANGE OUT POWER TONGS
12:00	1.00	13:00	5	COND MUD & CIRC	CIRC WASH 6' TO BOTTOM LOST RETURNS WHILE RIGGING UP HALLIBURTON
13:00	5.00	18:00	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 19.43 PUMP TAIL CEMENT 57 BBLs 240 SKSDEN 14.8# YD 1.37 GAL/SK 6.62 DROP PLUG DISPLACE WITH RIG MUD 305.3 BBLs BUMP PLUG @500 OVER CHECK FLOATS)
18:00	1.50	19:30	13	WAIT ON CEMENT	WOC
19:30	1.00	20:30	12	RUN CASING & CEMENT	#1 TOPJOB 175 SKS 36 BBL 15.8#
20:30	2.00	22:30	13	WAIT ON CEMENT	WOC
22:30	0.50	23:00	12	RUN CASING & CEMENT	#2 TOPJOB 175 SKS 36 BBL 15.8#
23:00	4.00	03:00	13	WAIT ON CEMENT	WOC
03:00	1.00	04:00	12	RUN CASING & CEMENT	#3 TOPJOB 175 SKS 36 BBL 15.8# CEMENT TO SURFACE
04:00	2.00	06:00	13	WAIT ON CEMENT	WOC

9-5D-35 BTR 5/31/2013 06:00 - 6/1/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	13	WAIT ON CEMENT	WOC
07:00	4.50	11:30	21	OPEN	CUT OFF CASING AND WELD ON WELLHEAD
11:30	0.50	12:00	7	LUBRICATE RIG	RIG SERVICE
12:00	5.00	17:00	14	NIPPLE UP B.O.P	NIPPLE UP BOP
17:00	5.00	22:00	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 CLINTON MASSEY
22:00	0.50	22:30	21	OPEN	INSTALL WEAR BUSHING

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
22:30	2.50	01:00	20	DIRECTIONAL WORK	PU DIRC TOOLS AND ORIENT
01:00	3.00	04:00	6	TRIPS	TIH TO 3954
04:00	1.00	05:00	22	OPEN	DRILL FLOAT EQUIP AND CEMENT
05:00	1.00	06:00	2	DRILL ACTUAL	DRILL FORMATION TO 4015'

9-5D-35 BTR 6/1/2013 06:00 - 6/2/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	21	OPEN	FIT 10.5 EMW HELD 350 PSI
06:30	10.00	16:30	2	DRILL ACTUAL	DRILL ACTUAL/ 4015'-4471'/ WOB 15K-18K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 82/ ROP 45.6
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 4471'-5233"/ WOB 15K-18K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 82/ ROP 58.6 BOP DRILL

9-5D-35 BTR 6/2/2013 06:00 - 6/3/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL/5233'- 5740'/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 48.3 BOP DRILL
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/5740'- 6279'/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 41.5 BOP DRILL

9-5D-35 BTR 6/3/2013 06:00 - 6/4/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6279'-6532'/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 25.3 BOP DRILL
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	9.50	02:00	2	DRILL ACTUAL	DRILL ACTUAL/ 6532'-6833'/ WOB 15K-18K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 31.7 BOP DRILL
02:00	4.00	06:00	8	REPAIR RIG	BOTH LIGHT PLANTS DOWN,RIGGED UP TO CIRC AND MOVE PIPE

9-5D-35 BTR 6/4/2013 06:00 - 6/5/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	8	REPAIR RIG	BOTH LIGHT PLANTS DOWN,RIGGED UP TO CIRC AND MOVE PIPE
08:30	8.00	16:30	2	DRILL ACTUAL	DRILL ACTUAL/6833'-7040'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 25.9
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/7040'-7484'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 42/ BIT RPM 77/ ROP 34.2

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/7484'-8435'/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 39.6

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	2	DRILL ACTUAL	DRILL ACTUAL/8435'-8689'/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 28.3	
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE	
15:30	14.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/8689'-9145'/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 31.4	

9-5D-35 BTR 6/7/2013 06:00 - 6/8/2013 06:00						
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	2	DRILL ACTUAL	DRILL ACTUAL/9145'-9229'/ WOB 15K-20K/PUMP #1 85 / PUMP #2 85/ ROT RPM 40/ BIT RPM 80/ ROP 28'	
09:00	6.00	15:00	6	TRIPS	PUMP DRY JOB TOO	
15:00	2.50	17:30	20	DIRECTIONAL WORK	CHECK MWD TOOL/CHANGE BIT AND MM	
17:30	3.50	21:00	6	TRIPS	TIH TO SHOE	
21:00	2.00	23:00	9	CUT OFF DRILL LINE	CUT DRILLING LINE	
23:00	4.50	03:30	6	TRIPS	TIH	
03:30	2.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/9229'- 9260'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP	

9-5D-35 BTR 6/8/2013 06:00 - 6/9/2013 06:00						
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	3.00	09:00	2	DRILL ACTUAL	DRILL ACTUAL/9260'-9323'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 21	
09:00	1.50	10:30	3	REAMING	WORK TIGHT HOLE PUMP SWEEP BACK REAM RAISE MW TO 9.8 PPG	
10:30	5.00	15:30	2	DRILL ACTUAL	DRILL ACTUAL/9323'- 9419'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 19 DRILLING IN THE CASTLE PEAK	
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE	
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9419'-9621'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 14	

9-5D-35 BTR 6/9/2013 06:00 - 6/10/2013 06:00						
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.50	06:30	2	DRILL ACTUAL	DRILL ACTUAL/ 9621'-9637'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP	
06:30	0.50	07:00	7	LUBRICATE RIG	RIG SERVICE	
07:00	3.00	10:00	21	OPEN	CHANGE OUT SWIVEL PACKING	
10:00	9.50	19:30	6	TRIPS	TOOH PUMP OUT 12 JNTS TO9291' TIGHT HOLE	
19:30	3.50	23:00	20	DIRECTIONAL WORK	CHANGE OUT BIT MM BATTERY IN MWD ORIENT TOOLS	
23:00	7.00	06:00	6	TRIPS	TIH	

9-5D-35 BTR 6/10/2013 06:00 - 6/11/2013 06:00						
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	4.00	10:00	3	REAMING	WASH TO BOTTOM 9387'-9637'	
10:00	6.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL/ 9637'-9799'/ WOB 15K-20K/PUMP #1 80 / PUMP #2 80/ ROT RPM 40/ BIT RPM 80/ ROP 24.9	
16:30	0.50	17:00	7	LUBRICATE RIG	rig service	
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 9799'-10116'/ WOB 15K-20K/PUMP #1 75 / PUMP #2 75/ ROT RPM 40/ BIT RPM 73/ ROP 24.4	

9-5D-35 BTR 6/11/2013 06:00 - 6/12/2013 06:00						
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL/10116'-10369'/ WOB 15K-20K/PUMP #1 75 / PUMP #2 75/ ROT RPM 40/ BIT RPM 73/ ROP 26.6	
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE	
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/10369'-10762'/ WOB 15K-20K/PUMP #1 75 / PUMP #2 75/ ROT RPM 40/ BIT RPM 73/ ROP 28.1	

9-5D-35 BTR 6/11/2013 06:00 - 6/12/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	

9-5D-35 BTR 6/12/2013 06:00 - 6/13/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	21.50	03:30	2	DRILL ACTUAL	STEERABLE DRILLING F/ 10,762'-11,405' (643' @ 30'/ Hr AVG). WOB 20k, GPM 457, MTR RPM 77 RPM 49 SLIDING 0%, ROTOATE 100%.	
03:30	1.50	05:00	5	COND MUD & CIRC	CIRCULATE SWEEP AROUND FOR SHORT TRIP	
05:00	1.00	06:00	6	TRIPS	SHORT TRIP 25 STANDS	

9-5D-35 BTR 6/13/2013 06:00 - 6/14/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.50	08:30	6	TRIPS	SHORT TRIP T/ 9055	
08:30	1.00	09:30	3	REAMING	REAM TO BOTTOM F/ 11300'-11405'	
09:30	1.50	11:00	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP, CIRCULATE GAS OUT PUMP PILL FOR TRIP	
11:00	7.00	18:00	6	TRIPS	TRIP OUT OF HOLE FOR LOGS	
18:00	1.50	19:30	20	DIRECTIONAL WORK	LAY DOWN DIRECTIONAL TOOLS, STABS, REAMERS, MWD, BREAK BIT,	
19:30	8.50	04:00	11	WIRELINE LOGS	HELD S/M WITH HALLIBURTON, RIG UP, RUN WIRE LINE LOGS TAG @ 11404'	
04:00	2.00	06:00	6	TRIPS	TRIP IN HOLE	

9-5D-35 BTR 6/14/2013 06:00 - 6/15/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	TRIP IN THE HOLE T/ 11,300'	
11:00	1.00	12:00	3	REAMING	WASH AND REAM F/ 11,300' TO BOTTOM	
12:00	1.50	13:30	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP, GAS OUT @ 8760 STKS 115 SPM	
13:30	13.50	03:00	6	TRIPS	HELD S/M WITH FRANKS L/D DRILL PIPE, HWDP, DCs BREAK BIT	
03:00	0.50	03:30	21	OPEN	PULL WARE BUSHING	
03:30	2.50	06:00	12	RUN CASING & CEMENT	HELD S/M WITH FRANKS R/U CASING CREW RUN 5.5 17# LT&C CASING	

9-5D-35 BTR 6/15/2013 06:00 - 6/16/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	14.00	20:00	12	RUN CASING & CEMENT	RUN 5.5 17# P-110 LT&C CASING BREAK CIRCULATION EVERY 1000' WITH FRANKS	
20:00	5.00	01:00	5	COND MUD & CIRC	CIRCULATE 3 FULL CIRCULATIONS CIRCULATE GAS OUT @ 100 SPM 30,160 TOTAL STKS	
01:00	5.00	06:00	12	RUN CASING & CEMENT	HELD S/M WITH CEMENTERS R/U CEMENTERS CEMENTING WITH HALLIBURTON (TEST LINES TO 5000 PSI PUMP 60 BBLs TUNED SPACER @ 11.2# 6.61 YP 43.08 WR (51SKS) PUMP 442 BBLs TUNED LIGHT LEAD CEMENT 11.5# 2.03 Y 9.06 WR (1225 SKS) PUMP 167 BBLs TAIL TAIL CEMENT @ 13.5# 1.46Y 6.88 WR (645 SKS) SHUT DOWN WASH UP DROP PLUG DISPLACE 262 BBLs WITH ALDACIDE AND CLAYWEB PUMP PLUG 500 OVER) FULL RETURNS 3 BBLs CEMENT BACK TO SURFACE R/U CEMENTERS	



9-5D-35 BTR 6/16/2013 06:00 - 6/17/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	12	RUN CASING & CEMENT	R/U CEMENTERS
07:00	3.50	10:30	21	OPEN	SET SLIPS WITH CAMRON 190K 30 K OVER NIPPLE DOWN B.O.Ps
10:30	7.50	18:00	21	OPEN	CLEAN PITS RELEASE RIG @ 18:00

9-5D-35 BTR 6/20/2013 06:00 - 6/21/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	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.

9-5D-35 BTR 6/21/2013 06:00 - 6/22/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	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 10,794', Drilling Report Shows FC At 11,308', 514' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 10,794', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 06-14-2013. Run Repeat Section From 10,794 - 10,500', Log Up Hole. Showed Good Bond From TD To 8,550, 8,550 - 7,800' Fair, 7,800 - 3,730 Good To Ratty. TOC 3,730'. Found Short Joints At 9,863 - 9,884 And 8,561 - 8,582'. Ran With Pressure. Pooh, RD Equipment, MOL.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

9-5D-35 BTR 6/25/2013 06:00 - 6/26/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. JSA
07:00	1.00	08:00	BOPI	Install BOP's	CHECK PRESSURE. ND NIGHT CAP. NU BOP. RU FLOOR.
08:00	2.00	10:00	GOP	General Operations	SPOT HYD WALK AND RACKS. UNLOAD 365-JTS 2-7/8" L-80 TBG.
10:00	5.50	15:30	RUTB	Run Tubing	MU 4-3/4" BIT, BIT SUB. RIH AS PU -JTS 2-7/8" L-80 TBG. TAGGING SOFT AT 10,794'.
15:30	2.50	18:00	CTU	Clean Out	RU PWR SWIVEL. C/O SOFT CMT TO 10,908'. NOW HARD CMT. D/O CMT TO 10,970'. CIRC CLEAN. PU 1-JT, EOT AT 10,940' W/ 346-JTS IN. SDFN
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

9-5D-35 BTR 6/26/2013 06:00 - 6/27/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	6.50	13:30	CLN	Clean Out Hole	R/U POWER SWIVEL. BREAK CIRC. C/O CMT F/ 10,970' TO 11,348'. CIRC WELL CLEAN EVERY 3 JTS. D/O FLOAT COLLAR @ 11,307'. CIRC WELL W/ 100 BBLs. TEST CSG TO 2500 PSI FOR 5 MIN, HELD GOOD.
13:30	4.50	18:00	PULT	Pull Tubing	POOH TO 3984' L/D 2-7/8 TBG. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

9-5D-35 BTR 6/27/2013 06:00 - 6/28/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	PULT	Pull Tubing	FINISH POOH W/ BIT L/D 2-7/8 TBG.
09:00	1.00	10:00	IWHD	Install Wellhead	FILL CSG W/ 10 BBLS. N/D BOP. N/U NITE CAP. SWIFN.
10:00	1.00	11:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.
11:00	1.00	12:00	RMOV	Rig Move	ROAD RIG TO 5-5D-35 BTR.

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

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

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

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

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	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. 0 Psi. On Well.
07:00	2.00	09:00	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment, Arm Gun, Rig Up To Well.
09:00	2.50	11:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Tagged Up At 10,515'. Made 5-6 Attempts To Get Thru With No Luck. POOH. LayDown Gun, WSI And Secured.
11:30	3.50	15:00	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL
07:00	1.00	08:00	SRIG	Rig Up/Down	HSM. RUSU.
08:00	1.00	09:00	BOPI	Install BOP's	ND FRAC VALVES. NU BOP. RU FLOOR.
09:00	3.00	12:00	GOP	General Operations	SPOT HYD WALK AND RACKS. MOVE 365-JTS TO RACKS.
12:00	6.00	18:00	RUTB	Run Tubing	MU 4-3/4" BIT, BIT SUB, 1-JT, 2.31 XN. RIH AS MEAS AND PU 266-JTS TBG. HAVING AIR COMPRESSOR ISSUES. FINALY BROKE DOWN. EOT AT 8391'. SDFN
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

9-5D-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
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL.
07:00	2.50	09:30	RUTB	Run Tubing	HSM. CONT RIH W/ 4-3/4" BIT AS PU 2-7/8" L-80 TBG. TAG PBTD AT 11,307' W/ 360-JTS IN.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
09:30	2.00	11:30	CLN	Clean Out Hole	RU PWR SWIVEL. EST REV CIRC. GO DOWN AND DRILL LIGHTLY ON CMT TO CHEW UP ANY RUBBER. REV CIRC 350 BBLs. RD PWR SWIVEL.
11:30	5.50	17:00	PULT	Pull Tubing	POOH AS LD 360-JTS 2-7/8" L-80 TBG. MOVING TBG TO EDGE OF LOCATION.
17:00	1.50	18:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU FRAC MANDREL, FRAC VALVES, AND FRAC HEAD. PRES TEST CSG, VALVES, AND FB LINE.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

9-5D-35 BTR 7/13/2013 06:00 - 7/14/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI And Secured. 0 Psi. On Well.
08:00	1.75	09:45	SRIG	Rig Up/Down	SLB WireLine Arrive On Location, Hold Safety Meeting. Rig Up Equipment, Arm Gun, Rig Up To Well.
09:45	1.25	11:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Perforate Stage 1 CR-4A/CR-4 Zone, 10,808 - 11,103'. 45 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
11:00	3.00	14:00	SRIG	Rig Up/Down	HES On Location At 12:00 Hrs. Rig Up Equipment
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

9-5D-35 BTR 7/14/2013 06:00 - 7/15/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	0.00	06:00	FRAC	Frac. Job	Frac Stage 1. Fluid System: Hybor G 21. Open Well, 885 Psi. ICP. BrokeDown At 9.7 Bpm And 4,758 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 73.1 Bpm And 6,235 Psi., Get ISIP, 3,919 Psi.. 0.80 Psi./Ft. F.G.. 33/45 Holes. Con't With SlickWater Pad, 45,348 Gals.. Stage Into Hybor Pad, 71.2 Bpm At 6,217 Psi.. On Perfs, 70.5 Bpm At 6,836 Psi., 11,291 Gals. Stage Into 2.0# 20/40 CRC Prop, 70.5 Bpm At 6,908 Psi.. On Perfs, 73.8 Bpm At 6,476 Psi., 11,588 Gals. Stage Into 3.0# 20/40 CRC Prop, 75.0 Bpm At 6,385 Psi.. On Perfs, 74.5 Bpm At 6,728 Psi., 10,055 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.5 Bpm At 6,717 Psi.. On Perfs, 74.4 Bpm At 6,899 Psi.,14,894 Gals. Cut Sand, Increase In Net Pressure Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,685 Psi.. 0.87 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 98,520#. 70% Of Designed. Total Clean - 120,417 Gals.. 2,867 Bbls.. Produced Water - 70,456 Gals.. 2% KCL - 47,828 Gals.. BWTR - 2,962 Bbls. Max. Rate - 75.1 Bpm Avg. Rate - 72.6 Bpm Max. Psi. - 7,358 Psi. Avg. Psi. - 6,595 Psi.
06:00	0.00	06:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.42	07:25	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 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Set CBP At 10,768'. 3,300 Psi. Perforate Stage 2 CR-4/CR-3 Zone, 10,463 - 10,748'. 45 Holes. 2,100 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
07:25	0.08	07:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
07:30	1.00	08:30	FRAC	Frac. Job	Frac Stage 2. Fluid System: Hybor G 21. Open Well, 1,608 Psi. ICP. BrokeDown At 9.8 Bpm And 5,306 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 73.0 Bpm And 6,204 Psi., Get ISIP, 3,690 Psi.. 0.78 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 51,790 Gals.. Stage Into Hybor Pad, 73.0 Bpm At 5,808 Psi.. On Perfs, 71.8 Bpm At 6,425 Psi., 12,938 Gals. Stage Into 2.0# 20/40 CRC Prop, 71.8 Bpm At 6,456 Psi.. On Perfs, 71.7 Bpm At 5,880 Psi., 11,337 Gals. Stage Into 3.0# 20/40 CRC Prop, 71.7 Bpm At 5,870 Psi.. On Perfs, 71.3 Bpm At 6,550 Psi., 11,552 Gals. Cut Sand, Increase In Net Pressure. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,107 Psi.. 0.83 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 50,840#. 32% Of Designed. Total Clean - 114,220 Gals.. 2,720 Bbls.. Produced Water - 76,250 Gals.. 2% KCL - 35,827 Gals.. BWTR - 2,768 Bbls. Max. Rate - 73.2 Bpm Avg. Rate - 72.2 Bpm Max. Psi. - 6,551 Psi. Avg. Psi. - 6,043 Psi.
08:30	0.17	08:40	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
08:40	1.25	09:55	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 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Set CBP At 10,433'. 3,100 Psi. Perforate Stage 3 CR-3/CR-2 Zone, 10,159 - 10,413'. 45 Holes. 2,700 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
09:55		09:55	SRIG	Rig Up/Down	Patterson 506 And SST 17 Are Getting Kicks And Fluid Gain. Shutting Down Ops. Until Both Are Cased And Cemented. RigDown WireLine And Frac Crews, MOL.

9-5D-35 BTR 7/15/2013 06:00 - 7/16/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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 MOVERS AND HAUL IN SAND. SET FRONTSIDE MANIFOLD. SET LEL TRAILER.

9-5D-35 BTR 7/21/2013 06:00 - 7/22/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	SRIG	Rig Up/Down	MIRU SLB W/ 5K LUBE. MIRU HES FRAC FLEET. READY TO FRAC. RECIEVED ORDERS TO STAND BY FOR DRLG DEPT.

9-5D-35 BTR 7/22/2013 06:00 - 7/23/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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	DTIM	Downtime	RECEIVED ORDERS TO WAIT ON DRLG OF 3-5D-35

9-5D-35 BTR 7/23/2013 06:00 - 7/24/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	DTIM	Downtime	STANDBY, WAITING ON DRLG ON 3-5D-35

9-5D-35 BTR 7/24/2013 06:00 - 7/25/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51609	UT	Duchesne	Black Tail Ridge	COMPLETION	11,399.0	Drilling & Completion

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	0.00	06:00	FRAC	Frac. Job	<p>Frac Stage 3. Fluid System: Hybor G 18. Open Well, 934 Psi. ICP. BrokeDown At 9.3 Bpm And 4,403 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.0 Bpm And 5,013 Psi., Get ISIP, 3,412 Psi.. 0.77 Psi./Ft. F.G.. 45/45 Holes. Con't With SlickWater Pad, 47,947 Gals.. Stage Into Hybor Pad, 74.7 Bpm At 5,300 Psi.. On Perfs, 75.2 Bpm At 5,519 Psi., 11,967 Gals. Stage Into 2.0# 20/40 CRC Prop, 75.0 Bpm At 5,518 Psi.. On Perfs, 74.8 Bpm At 5,261 Psi., 11,371 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.8 Bpm At 5,246 Psi.. On Perfs, 74.5 Bpm At 5,196 Psi., 14,412 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.5 Bpm At 5,297 Psi.. On Perfs, 74.3 Bpm At 5,800 Psi., 11,552 Gals. Cut Sand Due To Increase In Net Psi.. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,966 Psi.. 0.80 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 109,800#. 73% Of Designed. Total Clean - 125,317 Gals.. 2,984 Bbls.. Produced Water - 71,096 Gals.. 2% KCL - 52,038 Gals.. BWTR - 3,090 Bbls. Max. Rate - 74.9 Bpm Avg. Rate - 74.5 Bpm Max. Psi. - 5,869 Psi. Avg. Psi. - 5,432 Psi.</p>
06:00	0.00	06:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
06:00	1.25	07:15	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 9,863 - 9,884'. Drop Down To Depth, Set CBP At 10,143'. 3,300 Psi. Perforate Stage 4 CR-2/Wasatch Zone, 9,839 - 10,123'. 45 Holes. 2,000 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
07:15	0.09	07:20	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
07:20	1.00	08:20	FRAC	Frac. Job	<p>Frac Stage 4. Fluid System: Hybor G 16. Open Well, 1,944 Psi. ICP. BrokeDown At 9.4 Bpm And 3,628 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.1 Bpm And 4,721 Psi., Get ISIP, 2,697 Psi.. 0.71 Psi./Ft. F.G.. 35/45 Holes. Con't With SlickWater Pad, 50,672 Gals.. Stage Into Hybor Pad, 75.2 Bpm At 4,780 Psi.. On Perfs, 75.0 Bpm At 5,142 Psi., 12,617 Gals. Stage Into 2.0# 20/40 CRC Prop, 75.0 Bpm At 5,149 Psi.. On Perfs, 74.8 Bpm At 4,634 Psi., 10,592 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.8 Bpm At 4,575 Psi.. On Perfs, 74.6 Bpm At 4,584 Psi., 18,049 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.6 Bpm At 4,571 Psi.. On Perfs, 73.5 Bpm At 5,424 Psi., 11,552 Gals. Cut Sand Due To Net Pressure Increase. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,986 Psi.. 0.74 Psi./Ft. F.G.. WSI And Secured. Total 20/40 CRC Prop - 99,000#. 66% Of Design. Total Clean - 123,997 Gals.. 2,952 Bbls.. Produced Water - 73,244 Gals.. 2% KCL - 52,038 Gals.. BWTR - 3,054 Bbls. Max. Rate - 75.0 Bpm Avg. Rate - 74.1 Bpm Max. Psi. - 5,759 Psi. Avg. Psi. - 4,888 Psi.</p>
08:20	0.17	08:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
08:30	1.17	09:40	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 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,834'. 2,000 Psi. Perforate Stage 5 CR-1 Zone, 9,605 - 9,815'. 45 Holes. 1,500 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
09:40	0.08	09:45	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
09:45	1.17	10:55	FRAC	Frac. Job	<p>Frac Stage 5. Fluid System: Hybor G 16. Open Well, 1,224 Psi. ICP. BrokeDown At 9.4 Bpm And 3,995 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 74.3 Bpm And 4,442 Psi., Get ISIP, 2,261 Psi.. 0.67 Psi./Ft. F.G.. 33/45 Holes. Con't With SlickWater Pad, 47,453 Gals.. Stage Into .75# 100 Mesh Pad, 72.8 Bpm At 4,425 Psi.. On Perfs, 74.7 Bpm At 4,662 Psi., 18,348 Gals. Stage Into 1.0# 20/40 CRC Prop, 74.7 Bpm At 4,685 Psi.. On Perfs, 74.9 Bpm At 4,487 Psi., 10,325 Gals. Stage Into 2.0# 20/40 CRC Prop, 74.9 Bpm At 4,472 Psi.. On Perfs, 74.8 Bpm At 4,225 Psi., 10,198 Gals. Stage Into 3.0# 20/40 CRC Prop, 74.8 Bpm At 4,225 Psi.. On Perfs, 74.8 Bpm At 4,287 Psi., 14,910 Gals. Stage Into 3.5# 20/40 CRC Prop, 74.8 Bpm At 4,372 Psi.. On Perfs, 74.7 Bpm At 4,449 Psi., 11,111 Gals. Stage Into 4.0# 20/40 CRC Prop, 74.8 Bpm At 4,482 Psi.. On Perfs, 74.9 Bpm At 4,420 Psi., 9,790 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,989 Psi.. 0.75 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,000# Total 20/40 CRC Prop - 149,000#. Total Clean - 146,541 Gals.. 3,489 Bbls.. Produced Water - 69,826 Gals.. 2% KCL - 74,682 Gals.. BWTR - 3,658 Bbls. Max. Rate - 75.6 Bpm Avg. Rate - 74.7 Bpm Max. Psi. - 4,685 Psi. Avg. Psi. - 4,465 Psi.</p>
10:55	0.16	11:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
11:05	1.17	12:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,600'. 2,000 Psi. Perforate Stage 6 CR-1/UteLand Butte/Castle Peak Zone, 9,358 - 9,584'. 45 Holes. 300 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
12:15	0.08	12:20	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
12:20	1.17	13:30	FRAC	Frac. Job	Frac Stage 6. Fluid System: Hybor G 16. Open Well, 244 Psi. ICP. BrokeDown At 9.6 Bpm And 1,478 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.3 Bpm And 4,165 Psi., Get ISIP, 1,939 Psi.. 0.64 Psi./Ft. F.G.. 32/45 Holes. Con't With SlickWater Pad, 48,393 Gals.. Stage Into .75# 100 Mesh Pad, 75.4 Bpm At 4,238 Psi.. On Perfs, 75.1 Bpm At 4,347 Psi., 18,424 Gals. Stage Into 1.0# 20/40 White Prop, 75.1 Bpm At 4,353 Psi.. On Perfs, 75.0 Bpm At 4,342 Psi., 9,921 Gals. Stage Into 2.0# 20/40 White Prop, 75.0 Bpm At 4,338 Psi.. On Perfs, 75.2 Bpm At 4,054 Psi., 10,229 Gals. Stage Into 3.0# 20/40 White Prop, 75.2 Bpm At 4,044 Psi.. On Perfs, 75.2 Bpm At 3,838 Psi., 13,393 Gals. Stage Into 3.5# 20/40 White Prop, 75.1 Bpm At 3,827 Psi.. On Perfs, 75.1 Bpm At 3,750 Psi., 11,109 Gals. Stage Into 4.0# 20/40 White Prop, 75.1 Bpm At 3,750 Psi.. On Perfs, 75.1 Bpm At 3,761 Psi., 10,590 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 2,528 Psi.. 0.70 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,000# Total 20/40 CRC Prop - 149,800#. Total Clean - 145,885 Gals.. 3,473 Bbls.. Produced Water - 70,246 Gals.. 2% KCL - 73,666 Gals.. BWTR - 3,654 Bbls. Max. Rate - 76.4 Bpm Avg. Rate - 75.1 Bpm Max. Psi. - 4,453 Psi. Avg. Psi. - 4,073 Psi.
13:30	0.08	13:35	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
13:35	1.17	14:45	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 23 Gms., .44 Dia. Holes. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,351'. 1,750 Psi. Perforate Stage 6 Castle Peak/Black Shale Zone, 9,087 - 9,331'. 45 Holes. 1,750 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
14:45	0.25	15:00	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	1.17	16:10	FRAC	Frac. Job	Frac Stage 7. Fluid System: Hybor G 16. Open Well, 1,385 Psi. ICP. BrokeDown At 10.1 Bpm And 1,775 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 75.4 Bpm And 3,954 Psi., Get ISIP, 1,671 Psi.. 0.63 Psi./Ft. F.G.. 32/45 Holes. Con't With SlickWater Pad, 47,532 Gals.. Stage Into .75# 100 Mesh Pad, 75.1 Bpm At 3,608 Psi.. On Perfs, 74.9 Bpm At 3,706 Psi., 18,186 Gals. Stage Into 1.0# 20/40 White Prop, 74.8 Bpm At 3,727 Psi.. On Perfs, 75.2 Bpm At 3,632 Psi., 9,605 Gals. Stage Into 2.0# 20/40 White Prop, 75.2 Bpm At 3,621 Psi.. On Perfs, 75.4 Bpm At 3,423 Psi., 9,941 Gals. Stage Into 3.0# 20/40 White Prop, 75.3 Bpm At 3,400 Psi.. On Perfs, 75.2 Bpm At 3,261 Psi., 14,208 Gals. Stage Into 3.5# 20/40 White Prop, 75.1 Bpm At 3,255 Psi.. On Perfs, 75.3 Bpm At 3,174 Psi., 10,723 Gals. Stage Into 4.0# 20/40 White Prop, 75.3 Bpm At 3,169 Psi.. On Perfs, 75.3 Bpm At 3,120 Psi., 24,992 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,177 Psi.. 0.57 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 14,000# Total 20/40 CRC Prop - 155,900#. Total Clean - 158,215 Gals.. 3,767 Bbls.. Produced Water - 68,651 Gals.. 2% KCL - 87,655 Gals.. BWTR - 3,959 Bbls. Max. Rate - 75.6 Bpm Avg. Rate - 73.1 Bpm Max. Psi. - 3,748 Psi. Avg. Psi. - 3,372 Psi.
16:10	0.33	16:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.
16:30	0.75	17:15	PFRT	Perforating	RIH With 3 1/8" CCL/Sinker Bars And CBP Plug Assembly. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/14/2013 And SLB CBL/CCL Dated 06/21/2013. Found And Correlated To Short Joint At 8,462 - 8,483'. Drop Down To Depth, Set CBP At 9,040'. 800 Psi. Bleed Pressure Off Wwell. POOH. LayDown Tools, WSI And Secured.
17:15	3.50	20:45	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL.
20:45	9.25	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

9-5D-35 BTR 7/25/2013 06:00 - 7/26/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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 TBG ON RACKS & TALLY TBG.
11:00	4.50	15:30	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 @ 9040'
15:30	1.50	17:00	DOPG	Drill Out Plugs	R/U POWER SWIVEL. FLUSH TBG. TEST CIRC EQUIPMENT & BOPE TO 3000 PSI, HELD GOOD. SDFN
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL WELL SECURE.

9-5D-35 BTR 7/26/2013 06:00 - 7/27/2013 06:00

API/UWI 43-013-51609	State/Province UT	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 11,399.0	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.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	7.50	14:30	DOPG	Drill Out Plugs	<p>SIWP- 0. R/U POWER SWIVEL. BREAK CIRC. D/O KILL PLUG @ 9040'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 9505'. C/O SAND & D/O CBP @ 9600'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 9570'. C/O SAND & D/O CBP @ 9600'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 9799'. C/O SAND & D/O CBP @ 9834'. FCP- 0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 10,137'. C/O SAND & D/O CBP @ 10,143'. FCP-0 ON 48/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 10,413'. C/O SAND & D/O CBP @ 10,433'. FCP- 900 ON 36/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 10,559'. C/O SAND & D/O CBP @ 10,748'. FCP- 900 ON 36/64 CHOKE.</p> <p>SWIVEL IN HOLE. TAG SAND @ 11,274'. C/O SAND TO 11,337'. PBTD. 275' RAT HOLE. CIRC WELL CLEAN. R/D SWIVEL.</p>
14:30	1.50	16:00	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 9006' & LAND TBG. 286 JTS TOTAL IN HOLE.
16:00	2.00	18:00	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. TURN OVER TO FLOW BACK. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. TBG FLOWING TO SALES.

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: 9-5D-35 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013516090000
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: 1965 FSL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE 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	

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

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

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

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

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

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To: Rig II, LLC

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

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

New Operator Contact information:

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

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

Sincerely,

Bill Barrett Corporation

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

Brady Riley
Permit Analyst

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

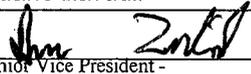
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

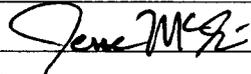
Well Name and Number 6-32-36 BTR SWD	API Number 4301350921
Location of Well Footage : 1628 FNL 1553 FWL County : DUCHENSE QQ, Section, Township, Range: SENW 32 3S 6W State : UTAH	Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

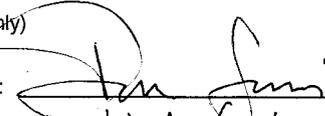
CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

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

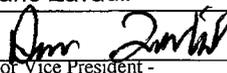
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

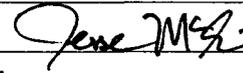
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

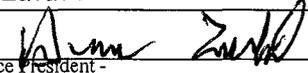
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

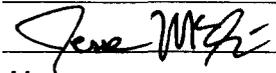
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE	Field or Unit Name CEDAR RIM
	Lease Designation and Number 2OG0005608
QQ, Section, Township, Range: SESE 9 3S 6W	State : UTAH

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 -</u> <u>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.