

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 14-9D-36 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 CEDAR RIM					
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME					
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164					
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H626417			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') Leon Max Ross						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-722-4469					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 757, Roosevelt, UT 84066						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		1160 FSL 1735 FWL		SESW	9	3.0 S	6.0 W	U			
Top of Uppermost Producing Zone		808 FSL 1981 FWL		SESW	9	3.0 S	6.0 W	U			
At Total Depth		810 FSL 1980 FWL		SESW	9	3.0 S	6.0 W	U			
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 810			23. NUMBER OF ACRES IN DRILLING UNIT 640					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1037			26. PROPOSED DEPTH MD: 11153 TVD: 11128					
27. ELEVATION - GROUND LEVEL 6263			28. BOND NUMBER LPM8874725			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-180					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8	Unknown		0	0.0	0.0
Surf	12.25	9.625	0 - 3800	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		590	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
Prod	8.75	5.5	0 - 11153	17.0	P-110 LT&C	9.7	Unknown		690	2.31	11.0
							Unknown		990	1.42	13.5
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Venessa Langmacher			TITLE Senior Permit Analyst			PHONE 303 312-8172					
SIGNATURE			DATE 12/22/2011			EMAIL vlangmacher@billbarrettcorp.com					
API NUMBER ASSIGNED 43013511440000			APPROVAL			 Permit Manager					

DRILLING PLAN

BILL BARRETT CORPORATION

14-9D-36 BTR Well Pad

SE SW, 1160' FSL and 1735' FWL, Section 9, T3S-R6W, USB&M (surface hole)

SE SW, 810' FSL and 1980' FWL, Section 9, T3S-R6W, USB&M (bottom hole)

Duchesne County, Utah

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

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth – TVD</u>
Lower Green River*	6,646'	6,628'
Douglas Creek	7,442'	7,418'
Black Shale	7,993'	7,968'
Castle Peak	8,223'	8,198'
Uteland Butte	8,563'	8,538'
Wasatch*	8,993'	8,968'
TD	11,153'	11,128'

*PROSPECTIVE PAY

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

Base of Useable Water = 5,550'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 3,800'	No pressure control required
3,800' – 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	3,800'	9 5/8"	36#	J or K 55	BT&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
NOTE: In addition, 8 3/4" hole size may change to 7 7/8" at the point the bit is changed out.							

Bill Barrett Corporation
 Drilling Program
 #14-9D-36 BTR
 Duchesne County, Utah

5. **Cementing Program**

Casing	Cementing
16" Conductor Casing	<i>Grout</i>
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 590 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Top of lead estimated at surface.</p> <p><i>Tail</i> with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx), calculated hole volume with 75% excess. Top of tail estimated at 3,300'.</p>
5 1/2" Production Casing	<p><i>Lead</i> with approximately 690 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft³/sx,) . Top of lead estimated at 3,300'.</p> <p><i>Tail</i> with approximately 990 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Top of tail estimated at 7572'.</p>

6. **Mud Program**

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3,800'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,800' – TD	8.6 – 9.7	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. **Testing, Logging and Core Programs**

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

Bill Barrett Corporation
Drilling Program
#14-9D-36 BTR
Duchesne County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5613 psi* and maximum anticipated surface pressure equals approximately 3165 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

**Maximum surface pressure = A - (0.22 x TD)

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

Location Construction: September 2012
Spud: September 2012
Duration: 15 days drilling time
45 days completion time



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: 14-9D-36 BTR

Surface Hole Data:

Total Depth:	3,800'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	1808.6	ft ³
Lead Fill:	3,300'	
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:	590
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	3,300'	

# SK's Tail:	210
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Production Hole Data:

Total Depth:	11,153'
Top of Cement:	3,300'
Top of Tail:	7,493'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1588.7	ft ³
Lead Fill:	4,193'	
Tail Volume:	1386.9	ft ³
Tail Fill:	3,660'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	690
# SK's Tail:	990

14-9D-36 BTR Proposed Cementing Program
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<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (3300' - 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: 3,300'
	Volume: 322.11 bbl
	Proposed Sacks: 590 sks
Tail Cement - (TD - 3300')	
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: 3,300'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (7493' - 3300')	
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: 3,300'
	Calculated Fill: 4,193'
	Volume: 282.94 bbl
	Proposed Sacks: 690 sks
Tail Cement - (11153' - 7493')	
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: 7,493'
	Calculated Fill: 3,660'
	Volume: 246.99 bbl
	Proposed Sacks: 990 sks

T3S, R6W, U.S.B.&M.

BILL BARRETT CORPORATION

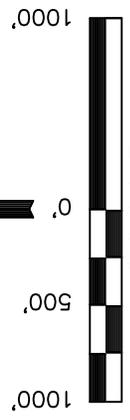
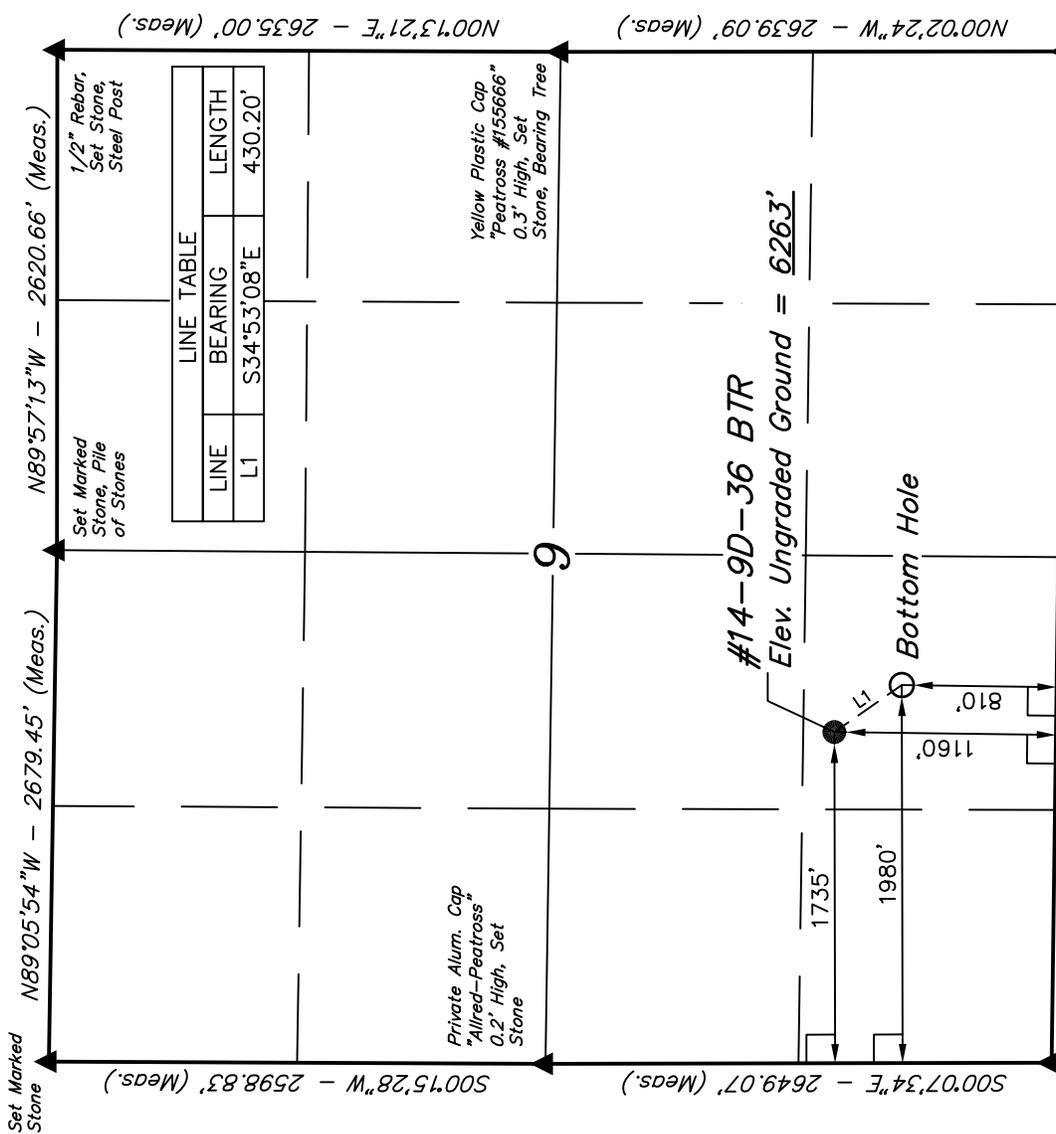
Well location, #14-9D-36 BTR, located as shown in the SE 1/4 SW 1/4 of Section 9, T3S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



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

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

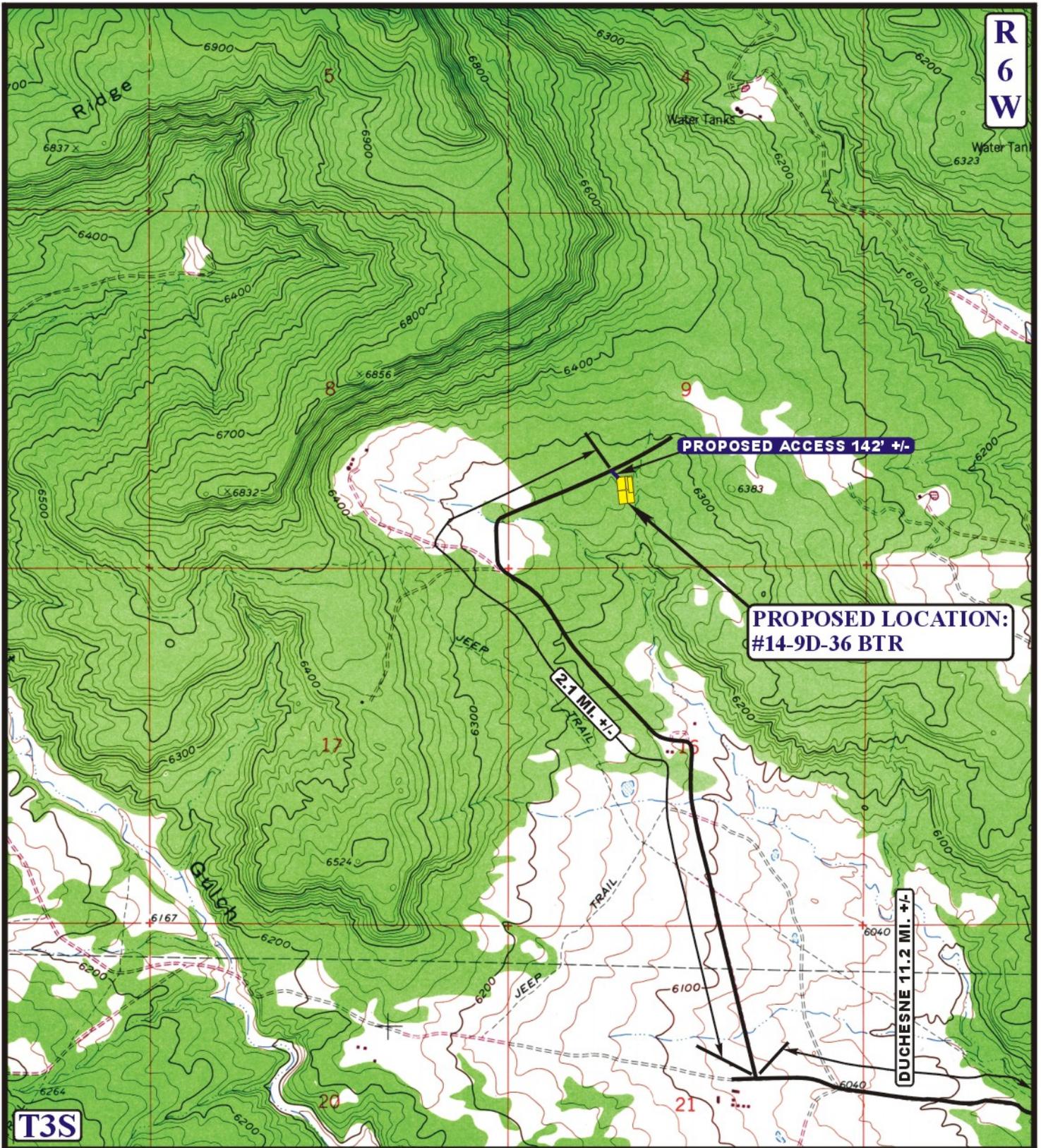
ROBERTA KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING	
85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017	
SCALE 1" = 1000'	DATE SURVEYED: 06-23-11
PARTY A.F. B.A. K.O.	DATE DRAWN: 06-30-11
WEATHER WARM	REFERENCES G.L.O. PLAT
	FILE BILL BARRETT CORPORATION

LEGEND:

—	= 90° SYMBOL
●	= PROPOSED WELL HEAD.
▲	= SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°13'44.78" (40.229106)	LATITUDE = 40°13'48.26" (40.230072)
LONGITUDE = 110°34'14.63" (110.570731)	LONGITUDE = 110°34'17.81" (110.571614)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°13'44.94" (40.229150)	LATITUDE = 40°13'48.42" (40.230117)
LONGITUDE = 110°34'12.07" (110.570019)	LONGITUDE = 110°34'15.24" (110.570900)



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



BILL BARRETT CORPORATION

#14-9D-36 BTR
SECTION 9, T3S, R6W, U.S.B.&M.
1160' FSL 1735' FWL

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

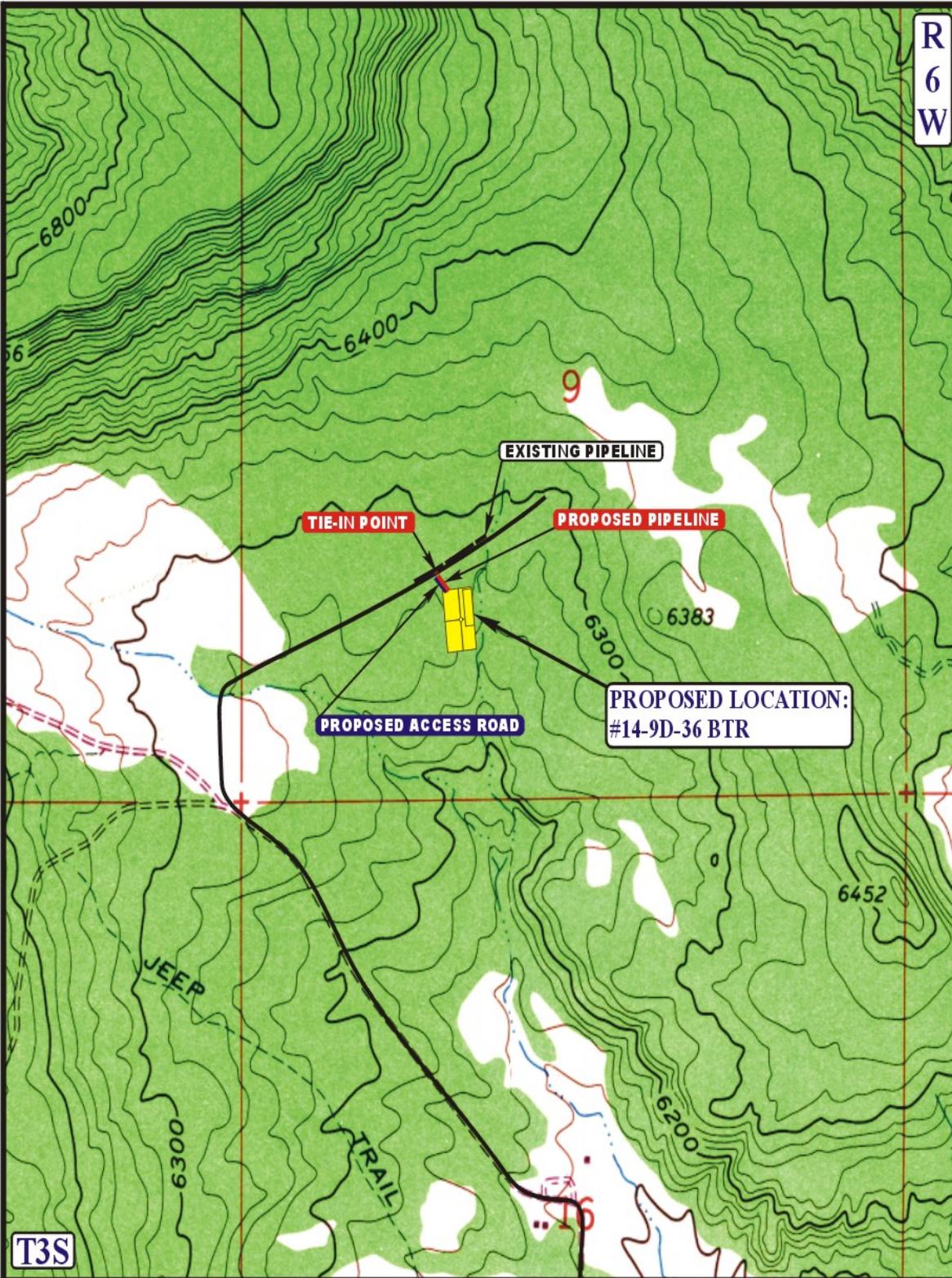
ACCESS ROAD
M A P

06	28	11
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: S.F. REVISED: 00-00-00

B
TOPO

R
6
W



APPROXIMATE TOTAL PIPELINE DISTANCE = 162' +/-

LEGEND:

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



BILL BARRETT CORPORATION

#14-9D-36 BTR

SECTION 9, T3S, R6W, U.S.B.&M.

1160' FSL 1735' FWL

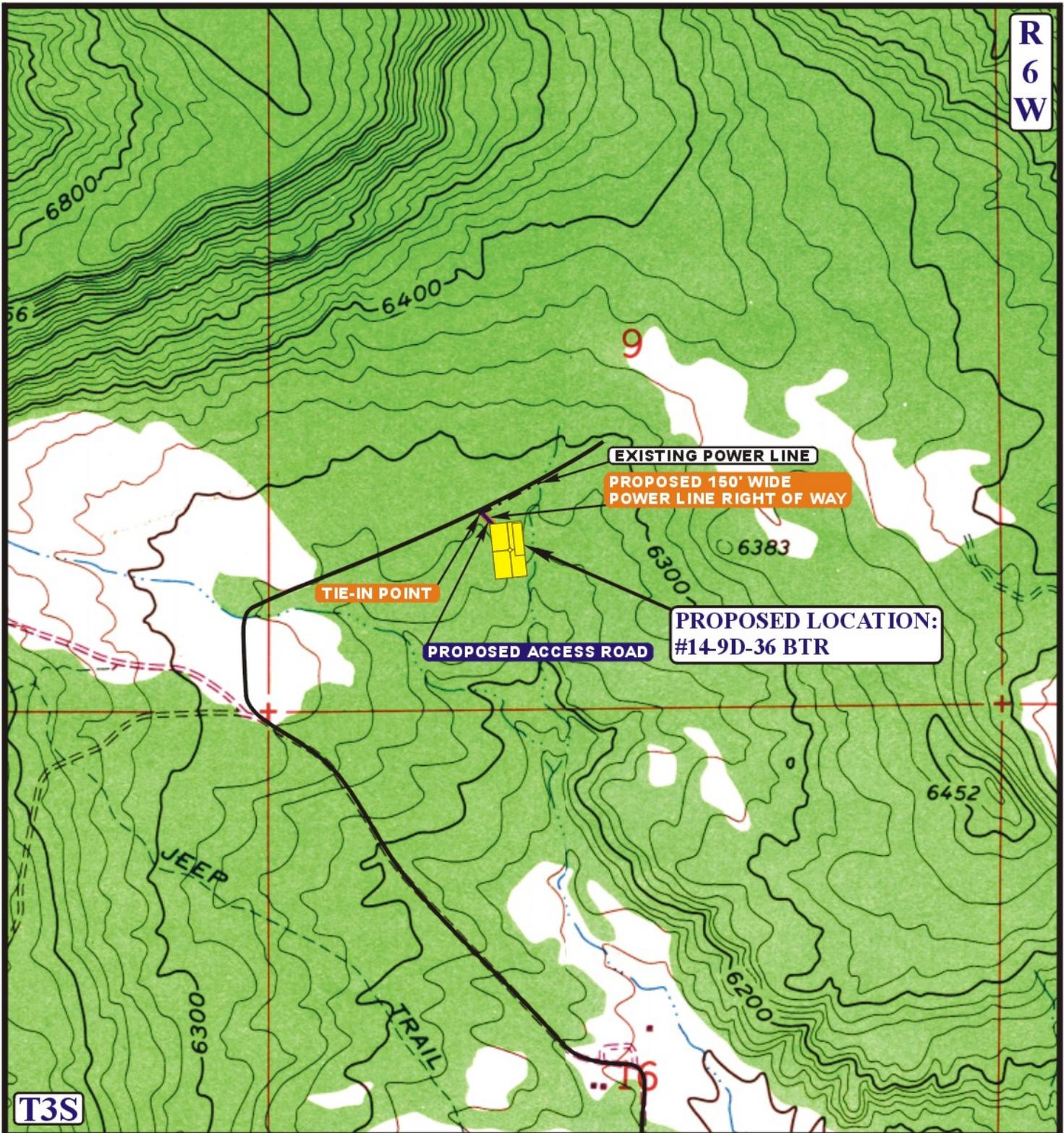


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 06 28 11
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: SF REVISED: 00-00-00





APPROXIMATE TOTAL POWER LINE DISTANCE = 122' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING POWER LINE
-  PROPOSED POWER LINE
-  PROPOSED POWER LINE (SERVICING OTHER WELLS)

BILL BARRETT CORPORATION

#14-9D-36 BTR
SECTION 9, T3S, R6W, U.S.B.&M.
1160' FSL 1735' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
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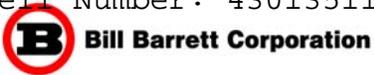


TOPOGRAPHIC
MAP

06 28 11
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: S.F. REVISED: 00-00-00

D
TOPO



SITE DETAILS: 14-9D-36 BTR

Blacktail Ridge

Site Centre Latitude: 40° 13' 48.421 N
Longitude: 110° 34' 15.240 W

Positional Uncertainty: 0.0
Convergence: 0.60
Local North: True

COMPANY DETAILS: BILL BARRETT CORP

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

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
14-9D 3PT MKR	7808.0	-352.2	246.0	40° 13' 44.940 N	110° 34' 12.068 W	Rectangle (Sides: L200.0 W200.0)
14-9D PBHL	11128.0	-352.2	246.0	40° 13' 44.940 N	110° 34' 12.068 W	Rectangle (Sides: L200.0 W200.0)

FORMATION TOP DETAILS

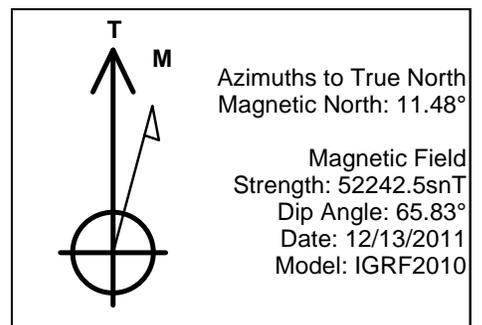
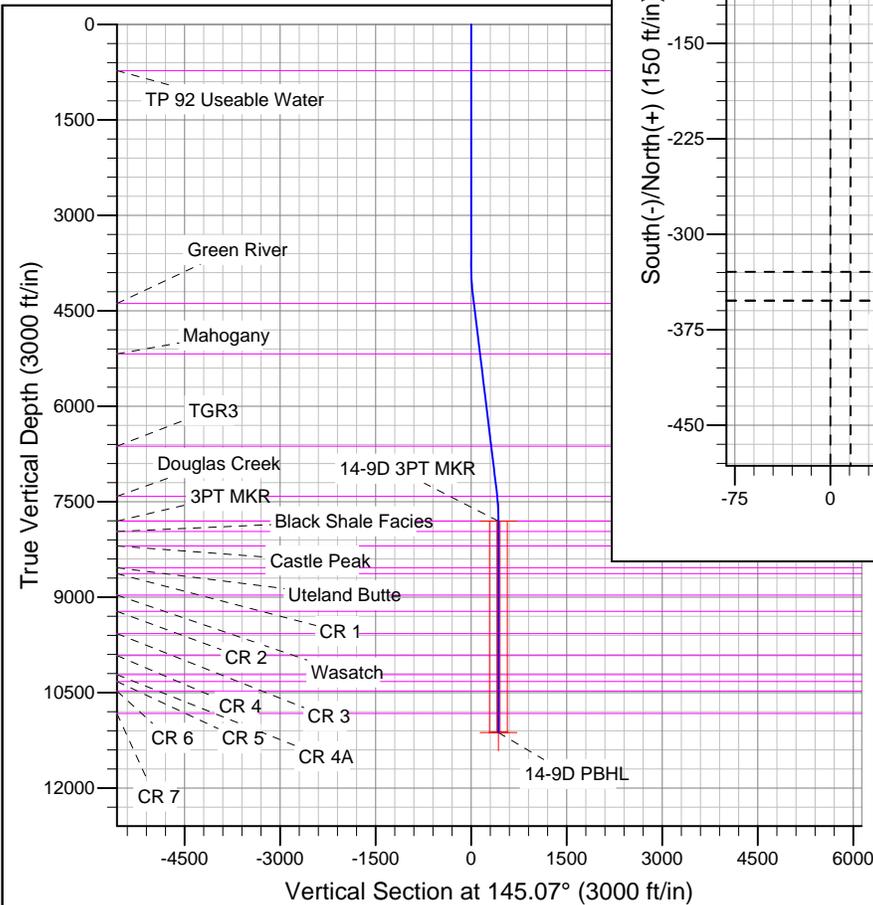
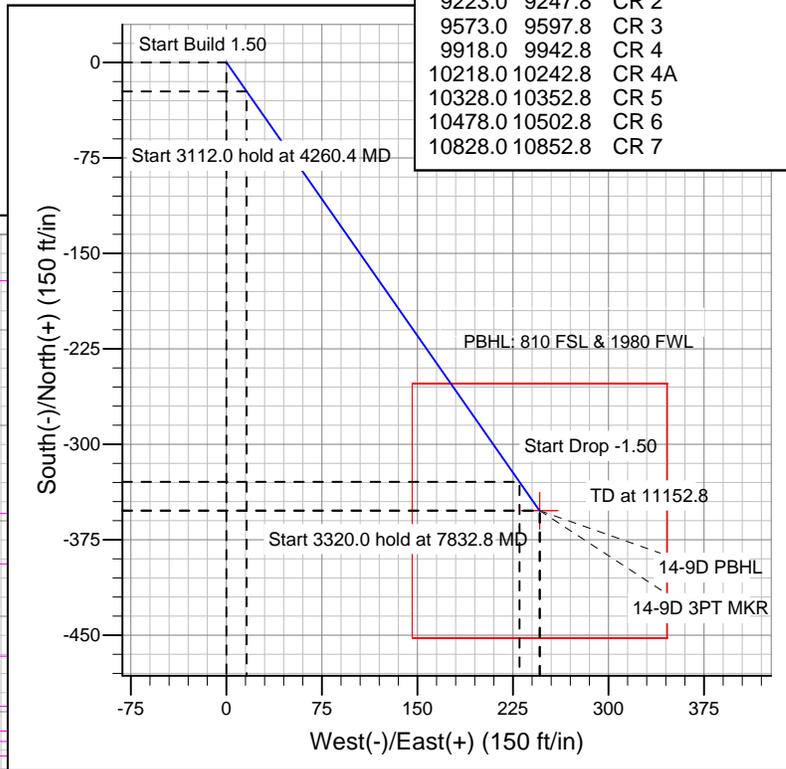
TVDPath	MDPath	Formation
728.0	728.0	TP 92 Useable Water
4388.0	4390.1	Green River
5178.0	5185.8	Mahogany
6628.0	6646.4	TGR3
7418.0	7442.1	Douglas Creek
7808.0	7832.8	3PT MKR
7968.0	7992.8	Black Shale Facies
8198.0	8222.8	Castle Peak
8538.0	8562.8	Uteland Butte
8633.0	8657.8	CR 1
8968.0	8992.8	Wasatch
9223.0	9247.8	CR 2
9573.0	9597.8	CR 3
9918.0	9942.8	CR 4
10218.0	10242.8	CR 4A
10328.0	10352.8	CR 5
10478.0	10502.8	CR 6
10828.0	10852.8	CR 7

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	3800.0	0.00	0.00	3800.0	0.0	0.0	0.00	0.00	0.0	
3	4260.4	6.91	145.07	4259.3	-22.7	15.9	1.50	145.07	27.7	
4	7372.4	6.91	145.07	7348.7	-329.5	230.1	0.00	0.00	401.9	
5	7832.8	0.00	0.00	7808.0	-352.2	246.0	1.50	180.00	429.6	14-9D 3PT MKR
6	1152.8	0.00	0.00	11128.0	-352.2	246.0	0.00	0.00	429.6	14-9D PBHL

CASING DETAILS

No casing data is available



BILL BARRETT CORP

DUCHESNE COUNTY, UT (NAD 27)

14-9D-36 BTR

14-9D-36 BTR

14-9D-36 BTR

Plan: Design #1

Standard Planning Report

13 December, 2011

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-9D-36 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6279.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6279.0ft (Original Well Elev)
Site:	14-9D-36 BTR	North Reference:	True
Well:	14-9D-36 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-9D-36 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	14-9D-36 BTR				
Site Position:		Northing:	692,213.77 ft	Latitude:	40° 13' 48.421 N
From:	Lat/Long	Easting:	2,259,405.67 ft	Longitude:	110° 34' 15.240 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.60 °

Well	14-9D-36 BTR					
Well Position	+N/-S	0.0 ft	Northing:	692,213.76 ft	Latitude:	40° 13' 48.421 N
	+E/-W	0.0 ft	Easting:	2,259,405.67 ft	Longitude:	110° 34' 15.240 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,263.0 ft

Wellbore	14-9D-36 BTR				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/13/2011	11.48	65.83	52,242

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	145.07

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	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,260.4	6.91	145.07	4,259.3	-22.7	15.9	1.50	1.50	0.00	145.07	
7,372.4	6.91	145.07	7,348.7	-329.5	230.1	0.00	0.00	0.00	0.00	
7,832.8	0.00	0.00	7,808.0	-352.2	246.0	1.50	-1.50	0.00	180.00	14-9D 3PT MKR
11,152.8	0.00	0.00	11,128.0	-352.2	246.0	0.00	0.00	0.00	0.00	14-9D PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-9D-36 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6279.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6279.0ft (Original Well Elev)
Site:	14-9D-36 BTR	North Reference:	True
Well:	14-9D-36 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-9D-36 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
728.0	0.00	0.00	728.0	0.0	0.0	0.0	0.00	0.00	0.00
TP 92 Useable Water									
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	1.50	145.07	3,900.0	-1.1	0.7	1.3	1.50	1.50	0.00
4,000.0	3.00	145.07	3,999.9	-4.3	3.0	5.2	1.50	1.50	0.00
4,100.0	4.50	145.07	4,099.7	-9.7	6.7	11.8	1.50	1.50	0.00
4,200.0	6.00	145.07	4,199.3	-17.2	12.0	20.9	1.50	1.50	0.00
4,260.4	6.91	145.07	4,259.3	-22.7	15.9	27.7	1.50	1.50	0.00
4,300.0	6.91	145.07	4,298.6	-26.6	18.6	32.5	0.00	0.00	0.00
4,390.1	6.91	145.07	4,388.0	-35.5	24.8	43.3	0.00	0.00	0.00
Green River									
4,400.0	6.91	145.07	4,397.9	-36.5	25.5	44.5	0.00	0.00	0.00
4,500.0	6.91	145.07	4,497.1	-46.3	32.4	56.5	0.00	0.00	0.00
4,600.0	6.91	145.07	4,596.4	-56.2	39.2	68.5	0.00	0.00	0.00
4,700.0	6.91	145.07	4,695.7	-66.1	46.1	80.6	0.00	0.00	0.00
4,800.0	6.91	145.07	4,795.0	-75.9	53.0	92.6	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-9D-36 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6279.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6279.0ft (Original Well Elev)
Site:	14-9D-36 BTR	North Reference:	True
Well:	14-9D-36 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-9D-36 BTR		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,900.0	6.91	145.07	4,894.2	-85.8	59.9	104.6	0.00	0.00	0.00	
5,000.0	6.91	145.07	4,993.5	-95.6	66.8	116.6	0.00	0.00	0.00	
5,100.0	6.91	145.07	5,092.8	-105.5	73.7	128.7	0.00	0.00	0.00	
5,185.8	6.91	145.07	5,178.0	-114.0	79.6	139.0	0.00	0.00	0.00	
Mahogany										
5,200.0	6.91	145.07	5,192.1	-115.4	80.6	140.7	0.00	0.00	0.00	
5,300.0	6.91	145.07	5,291.3	-125.2	87.4	152.7	0.00	0.00	0.00	
5,400.0	6.91	145.07	5,390.6	-135.1	94.3	164.7	0.00	0.00	0.00	
5,500.0	6.91	145.07	5,489.9	-144.9	101.2	176.8	0.00	0.00	0.00	
5,600.0	6.91	145.07	5,589.2	-154.8	108.1	188.8	0.00	0.00	0.00	
5,700.0	6.91	145.07	5,688.4	-164.6	115.0	200.8	0.00	0.00	0.00	
5,800.0	6.91	145.07	5,787.7	-174.5	121.9	212.8	0.00	0.00	0.00	
5,900.0	6.91	145.07	5,887.0	-184.4	128.7	224.9	0.00	0.00	0.00	
6,000.0	6.91	145.07	5,986.3	-194.2	135.6	236.9	0.00	0.00	0.00	
6,100.0	6.91	145.07	6,085.5	-204.1	142.5	248.9	0.00	0.00	0.00	
6,200.0	6.91	145.07	6,184.8	-213.9	149.4	260.9	0.00	0.00	0.00	
6,300.0	6.91	145.07	6,284.1	-223.8	156.3	273.0	0.00	0.00	0.00	
6,400.0	6.91	145.07	6,383.4	-233.7	163.2	285.0	0.00	0.00	0.00	
6,500.0	6.91	145.07	6,482.6	-243.5	170.1	297.0	0.00	0.00	0.00	
6,600.0	6.91	145.07	6,581.9	-253.4	176.9	309.0	0.00	0.00	0.00	
6,646.4	6.91	145.07	6,628.0	-257.9	180.1	314.6	0.00	0.00	0.00	
TGR3										
6,700.0	6.91	145.07	6,681.2	-263.2	183.8	321.1	0.00	0.00	0.00	
6,800.0	6.91	145.07	6,780.5	-273.1	190.7	333.1	0.00	0.00	0.00	
6,900.0	6.91	145.07	6,879.7	-282.9	197.6	345.1	0.00	0.00	0.00	
7,000.0	6.91	145.07	6,979.0	-292.8	204.5	357.1	0.00	0.00	0.00	
7,100.0	6.91	145.07	7,078.3	-302.7	211.4	369.2	0.00	0.00	0.00	
7,200.0	6.91	145.07	7,177.6	-312.5	218.2	381.2	0.00	0.00	0.00	
7,300.0	6.91	145.07	7,276.8	-322.4	225.1	393.2	0.00	0.00	0.00	
7,372.4	6.91	145.07	7,348.7	-329.5	230.1	401.9	0.00	0.00	0.00	
7,400.0	6.49	145.07	7,376.1	-332.2	232.0	405.1	1.50	-1.50	0.00	
7,442.1	5.86	145.07	7,418.0	-335.9	234.6	409.7	1.50	-1.50	0.00	
Douglas Creek										
7,500.0	4.99	145.07	7,475.6	-340.4	237.7	415.1	1.50	-1.50	0.00	
7,600.0	3.49	145.07	7,575.3	-346.4	241.9	422.5	1.50	-1.50	0.00	
7,700.0	1.99	145.07	7,675.2	-350.3	244.7	427.3	1.50	-1.50	0.00	
7,800.0	0.49	145.07	7,775.2	-352.1	245.9	429.5	1.50	-1.50	0.00	
7,832.8	0.00	0.00	7,808.0	-352.2	246.0	429.6	1.50	-1.50	-442.19	
3PT MKR - 14-9D 3PT MKR										
7,900.0	0.00	0.00	7,875.2	-352.2	246.0	429.6	0.00	0.00	0.00	
7,992.8	0.00	0.00	7,968.0	-352.2	246.0	429.6	0.00	0.00	0.00	
Black Shale Facies										
8,000.0	0.00	0.00	7,975.2	-352.2	246.0	429.6	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,075.2	-352.2	246.0	429.6	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,175.2	-352.2	246.0	429.6	0.00	0.00	0.00	
8,222.8	0.00	0.00	8,198.0	-352.2	246.0	429.6	0.00	0.00	0.00	
Castle Peak										
8,300.0	0.00	0.00	8,275.2	-352.2	246.0	429.6	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,375.2	-352.2	246.0	429.6	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,475.2	-352.2	246.0	429.6	0.00	0.00	0.00	
8,562.8	0.00	0.00	8,538.0	-352.2	246.0	429.6	0.00	0.00	0.00	
Uteland Butte										
8,600.0	0.00	0.00	8,575.2	-352.2	246.0	429.6	0.00	0.00	0.00	

Bill Barrett Corp
 Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-9D-36 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6279.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6279.0ft (Original Well Elev)
Site:	14-9D-36 BTR	North Reference:	True
Well:	14-9D-36 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-9D-36 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)
8,657.8	0.00	0.00	8,633.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 1									
8,700.0	0.00	0.00	8,675.2	-352.2	246.0	429.6	0.00	0.00	0.00
8,800.0	0.00	0.00	8,775.2	-352.2	246.0	429.6	0.00	0.00	0.00
8,900.0	0.00	0.00	8,875.2	-352.2	246.0	429.6	0.00	0.00	0.00
8,992.8	0.00	0.00	8,968.0	-352.2	246.0	429.6	0.00	0.00	0.00
Wasatch									
9,000.0	0.00	0.00	8,975.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,100.0	0.00	0.00	9,075.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,200.0	0.00	0.00	9,175.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,247.8	0.00	0.00	9,223.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 2									
9,300.0	0.00	0.00	9,275.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,375.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,475.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,597.8	0.00	0.00	9,573.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 3									
9,600.0	0.00	0.00	9,575.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,700.0	0.00	0.00	9,675.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,800.0	0.00	0.00	9,775.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,900.0	0.00	0.00	9,875.2	-352.2	246.0	429.6	0.00	0.00	0.00
9,942.8	0.00	0.00	9,918.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 4									
10,000.0	0.00	0.00	9,975.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,100.0	0.00	0.00	10,075.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,200.0	0.00	0.00	10,175.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,242.8	0.00	0.00	10,218.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 4A									
10,300.0	0.00	0.00	10,275.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,352.8	0.00	0.00	10,328.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 5									
10,400.0	0.00	0.00	10,375.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,500.0	0.00	0.00	10,475.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,502.8	0.00	0.00	10,478.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 6									
10,600.0	0.00	0.00	10,575.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,700.0	0.00	0.00	10,675.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,800.0	0.00	0.00	10,775.2	-352.2	246.0	429.6	0.00	0.00	0.00
10,852.8	0.00	0.00	10,828.0	-352.2	246.0	429.6	0.00	0.00	0.00
CR 7									
10,900.0	0.00	0.00	10,875.2	-352.2	246.0	429.6	0.00	0.00	0.00
11,000.0	0.00	0.00	10,975.2	-352.2	246.0	429.6	0.00	0.00	0.00
11,100.0	0.00	0.00	11,075.2	-352.2	246.0	429.6	0.00	0.00	0.00
11,152.8	0.00	0.00	11,128.0	-352.2	246.0	429.6	0.00	0.00	0.00
14-9D PBHL									

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Well 14-9D-36 BTR
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 6279.0ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT (NAD 27)	MD Reference:	KB @ 6279.0ft (Original Well Elev)
Site:	14-9D-36 BTR	North Reference:	True
Well:	14-9D-36 BTR	Survey Calculation Method:	Minimum Curvature
Wellbore:	14-9D-36 BTR		
Design:	Design #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
728.0	728.0	TP 92 Useable Water		0.00		
4,390.1	4,388.0	Green River		0.00		
5,185.8	5,178.0	Mahogany		0.00		
6,646.4	6,628.0	TGR3		0.00		
7,442.1	7,418.0	Douglas Creek		0.00		
7,832.8	7,808.0	3PT MKR		0.00		
7,992.8	7,968.0	Black Shale Facies		0.00		
8,222.8	8,198.0	Castle Peak		0.00		
8,562.8	8,538.0	Uteland Butte		0.00		
8,657.8	8,633.0	CR 1		0.00		
8,992.8	8,968.0	Wasatch		0.00		
9,247.8	9,223.0	CR 2		0.00		
9,597.8	9,573.0	CR 3		0.00		
9,942.8	9,918.0	CR 4		0.00		
10,242.8	10,218.0	CR 4A		0.00		
10,352.8	10,328.0	CR 5		0.00		
10,502.8	10,478.0	Cr 6		0.00		
10,852.8	10,828.0	CR 7		0.00		

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

This Agreement, made and entered into this the 20th day of July, 2011, by and between Max Leon Ross and Tera Lee S. Ross, Trustees of the Ross Family Trust, P.O. Box 757, Roosevelt, UT 84066-0757, ("Surface Owner"), and, Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver CO 80202, ("BBC").

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases ("Leases") covering and affecting Section 9, Township 3 South, Range 6 West, USM, of Duchesne County, Utah; and,

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

WHEREAS, BBC, pursuant to its rights under the Leases, intends to drill the #14-9D-36 BTR well at a legal drill-site location in the E1/2SW1/4 of Section 9, Township 3 South, Range 6 West, USM, Duchesne County, Utah; and,

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

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

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

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

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

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

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

IN WITNESS WHEREOF, the parties have executed this Surface Damage Settlement Agreement effective as of the 20th day of July, 2011.

SURFACE OWNERS:

BILL BARRETT CORPORATION:

By: Max Leon Ross
Max Leon Ross, Trustee

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

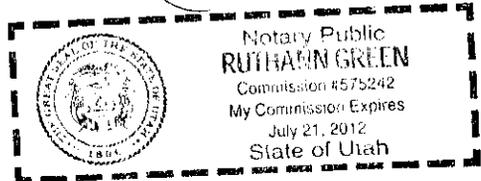
By: Tera Lee S. Ross
Tera Lee S. Ross, Trustee

STATE OF UTAH)
COUNTY OF Quchesne)

On the 3rd day of October, 2011, personally appeared before me Max Leon Ross, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.

Ruthann Green
Notary Public
Residing at: Woodwell Ut 84066

My Commission Expires: July 21, 2012

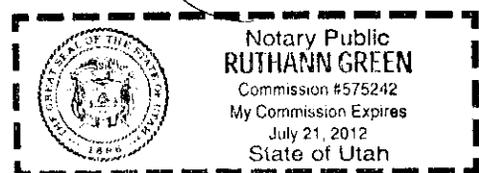


STATE OF UTAH)
COUNTY OF Quchesne)

On the 3rd day of October, 2011, personally appeared before me Tera Lee S. Ross, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.

Ruthann Green
Notary Public
Residing at: Woodwell Ut 84066

My Commission Expires: July 21, 2012

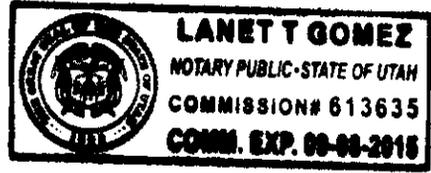


STATE OF UTAH)
COUNTY OF SALT LAKE)

On the 11th day of October, 2011, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

Lanet J. Gomez
Notary Public
Residing at: West Jordan, UT

My Commission Expires: 9-8-15



SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

This Agreement, made and entered into this the 8th day of July, 2011, by and between David and Sheila Whitehead, P.O. Box 602, Duchesne, UT 84021, (“Surface Owner”), and, Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver CO 80202, (“BBC”).

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases (“Leases”) covering and affecting Section 9, Township 3 South, Range 6 West, USM, of Duchesne County, Utah; and,

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

WHEREAS, BBC, pursuant to its rights under the Leases, intends to drill the #14-9D-36 BTR well at a legal drill-site location in the SE1/4SW1/4 of Section 9, Township 3 South, Range 6 West, USM, Duchesne County, Utah; and,

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

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

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

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

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

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

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

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

SURFACE OWNERS:

By: [Signature]
David Whitehead

By: [Signature]
Sheila Whitehead

BILL BARRETT CORPORATION:

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

STATE OF UTAH)
COUNTY OF SALT LAKE)

On the 13th day of July, 2011, personally appeared before me David Whitehead, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.

[Signature]
Notary Public
Residing at:

My Commission Expires: 10-04-2012



STATE OF UTAH)
COUNTY OF SALT LAKE)

On the 13th day of July, 2011, personally appeared before me Sheila Whitehead, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.

[Signature]
Notary Public
Residing at:

My Commission Expires: 10-04-2012

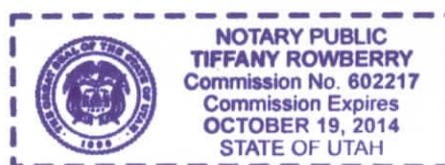


STATE OF UTAH)
COUNTY OF SALT LAKE)

On the 15th day of August, 2011, personally appeared before me Clint W. Turner, who, being by me duly sworn, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.

[Signature]
Notary Public
Residing at: Sandy, Utah

My Commission Expires: 10/19/2014



SURFACE USE PLAN

BILL BARRETT CORPORATION

14-9D-36 BTR Well Pad

SE SW, 1160' FSL and 1735' FWL, Section 9, T3S-R6W, USB&M (surface hole)

SE SW, 810' FSL and 1980' FWL, Section 9, T3S-R6W, USB&M (bottom hole)

Duchesne County, Utah

The onsite inspection for this pad occurred on October 28, 2011. Site-specific notes, conditions and plat changes requested at the onsite are reflected within this APD and summarized below.

- a. Relocate production equipment onto cut and maximize interim reclamation;
- b. Relocate topsoil from corners 6 & 8 to 1 & 8;
- c. Salvage woody material for use in reclamation;

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

1. Existing Roads:

- a. The proposed well site is located approximately 13.3 miles northwest of Duchesne, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic maps A and B).
- b. The Utah Department of Transportation maintained Highway 40 would be utilized for 6.9 miles to the existing Duchesne County maintained Koch Road that would be utilized for 4.3 miles to the existing BBC maintained 13-4-36 BTR access road and provides access to the planned new access road.
- c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- e. The use of roads under State and Duchesne County Road Department maintenance are necessary to access the project area with no improvements proposed. No encroachment or pipeline crossing permits are required.
- f. All existing roads would be maintained and kept in good repair during all phases of operation.

Bill Barrett Corporation
Surface Use Plan
14-9D-36 BTR
Duchesne County, UT

2. Planned Access Road:

- a. Approximately 142 feet of new access road trending southeast is planned from the existing BBC maintained 13-4-36 BTR access road across entirely private surface (see Topographic Map B).
- b. The planned access road would be constructed to a 30-foot ROW width with an 18-foot travel surface. See section 12.d. below for disturbance estimates.
- c. New road construction and improvements of existing roads would typically require the use of motor graders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- e. A maximum grade of 10% would be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private or State of Utah lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Turnouts are not proposed.
- i. No culverts and no low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.

Bill Barrett Corporation
Surface Use Plan
14-9D-36 BTR
Duchesne County, UT

- j. No gates or cattle guards are anticipated at this time.
 - k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
 - l. All access roads and surface disturbing activities would conform to the appropriate standard, **no higher than necessary**, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition – Revised 2007.
 - m. The operator would be responsible for all maintenance needs of the new access road.
3. Location of Existing Wells (see One-Mile Radius Map):
- a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:
 - i. water wells none
 - ii. injection wells none
 - iii. disposal wells none
 - iv. drilling wells none
 - v. temp shut-in wells none
 - vi. producing wells one
 - vii. abandoned wells seven
4. Location of Production Facilities
- a. Surface facilities would consist of a wellhead, separator, gas meter, combustor, (1) 500 gal methanol tank, (1) 500 glycol tank, (3) 500 bbl oil tanks, (1) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, a pumping unit or Roto-flex unit or ESP or gas lift unit, electrical or with a natural gas or diesel fired motor, solar panels, solar chemical and methanol pumps and one trace pump. See attached proposed facility diagram.
 - b. Most wells would be fitted with a pump jack or Roto-flex unit or ESP or gas lift to assist liquid production. The prime mover for pump jacks or Roto-flex units would be small (100 horsepower or less), electric motor or natural gas or diesel fired internal combustion engines. If a gas lift is installed, it would be set on a 10 ft x 25 ft pad and the prime mover would be a natural gas-fired internal combustion engine rated at 200 horsepower or less or an electric compressor of similar horsepower powered by electricity.
 - c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and

Bill Barrett Corporation
Surface Use Plan
14-9D-36 BTR
Duchesne County, UT

valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.

- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
- f. Approximately 162 feet of pipeline corridor (see Topographic Map C) containing up to three lines (one gas pipeline up to 8 inch in diameter, one water line up to 4 inch in diameter and one residue line up to 4 inch in diameter) is proposed trending northwest to the existing 13-4-36 BTR pipeline corridor. Pipelines would be constructed of steel, polyethylene or fiberglass crossing entirely private surface.
- g. The new segment of gas pipeline would be surface laid within a 30 foot wide pipeline corridor adjacent to the proposed access road. See 12.d below for disturbance estimates.
- a. Construction of the ROW would temporarily utilize the 30 foot disturbed width for the road for a total disturbed width of 60 foot for the road and pipeline corridors. The use of the proposed well site and access roads would facilitate the staging of the pipeline construction.
- b. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- c. All permanent above-ground structures would be painted a flat, non-reflective color, such as Beetle Green, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- d. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.

Bill Barrett Corporation
 Surface Use Plan
 14-9D-36 BTR
 Duchesne County, UT

- e. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Type of Water Supply:

- a. Water for the drilling and completion would be trucked from any of the following locations:

Water Right No. and Application or Change No.	Applicant	Allocation	Date	Point of Diversion	Source
43-180	Duchesne City Water Service District	5 cfs	8/13/2004	Knight Diversion Dam	Duchesne River
43-1202, Change a13837	Myton City	5.49 cfr and 3967 acre feet	3/21/1986	Knight Diversion Dam	Duchesne River
43-10444, Appln A57477	Duchesne County Upper Country Water	2 cfs	1994	Ditch at Source	Cow Canyon Spring
43-10446, Appln F57432	Duchesne County Upper Country Water	1.58 cfs	1994	Ditch at Source	Cow Canyon Spring
43-1273, Appln A17462	J.J.N.P. Company	7 cfs	1946	Strawberry River	Strawberry River
43-1273, Appln t36590	J.J.N.P. Company	4 cfs	6/03/2010	Strawberry River	Strawberry River
43-2505, Appln t37379	McKinnon Ranch Properties, LC	1.3 cfs	4/28/2011	Pumped from Sec, 17, T4SR6W	Water Canyon Lake
43-12415, Change A17215a	Peatross Ranch, LLC	1.89 cfs	09/2011	Dugout Pond	Strawberry River

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

6. Source of Construction Material:

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

Bill Barrett Corporation
 Surface Use Plan
 14-9D-36 BTR
 Duchesne County, UT

7. Methods of Handling Waste Disposal:

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

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

- g. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.

Bill Barrett Corporation
Surface Use Plan
14-9D-36 BTR
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- h. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- i. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- j. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- k. Sanitary waste equipment and trash bins would be removed from the Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- l. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.

Bill Barrett Corporation
Surface Use Plan
14-9D-36 BTR
Duchesne County, UT

- m. Hydrocarbons would be removed from the reserve pit would as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- b. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.
- c. A surface powerline corridor 122 feet in length is proposed for installation by third-party installer within a 150 foot wide powerline corridor adjacent to the proposed access road. See 12.d below for disturbance estimates. The powerline crosses entirely private surface.

9. Well Site Layout:

- a. The well would be properly identified in accordance with 43 CFR 3162.6.
- b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1 and 2).
- c. The pad and road designs are consistent with industry specifications.
- d. The pad has been staked at its maximum size of 400 feet x 250 feet with an inboard reserve pit size of 235 feet x 70 feet x 8 feet deep. See section 12.d below for disturbance estimates.
- e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.

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Surface Use Plan
14-9D-36 BTR
Duchesne County, UT

- h. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- i. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- j. Water application may be implemented if necessary to minimize the amount of fugitive dust.
- k. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Restoration of the Surface:

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

Bill Barrett Corporation
 Surface Use Plan
 14-9D-36 BTR
 Duchesne County, UT

- f. Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the Ute Tribe prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

11. Surface and Mineral Ownership:

- a. Surface ownership -
 - o Leon Max Ross (pad area segment, access, pipeline and powerline corridors);
 - o David A. Whitehead (pad area segment);
- b. Mineral ownership – Ute Indian Tribe - 988 South 7500 East; Ft. Duchesne, Utah 84026; 435-725-4982.

12. Other Information:

- a. Montgomery Archeological Consultants has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as report 11-198 dated July 28, 2011.
- b. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs or firearms within the Project Area.
 - No littering within the Project Area.
 - Smoking within the Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders.
 - Campfires or uncontained fires of any kind would be prohibited.
 - Portable generators used in the Project Area would have spark arrestors.
- d. Disturbance estimates:

Approximate Acreage Disturbances

Well Pad		3.099	acres
Access	142 feet	0.075	acres
Pipeline	162 feet	0.090	acres
Powerline	122 feet	0.312	acres

Total 3.576 acres

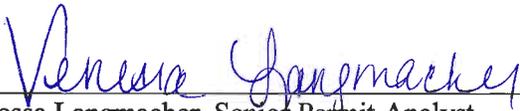
Bill Barrett Corporation
Surface Use Plan
14-9D-36 BTR
Duchesne County, UT

OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Bill Barrett Corporations federal nationwide bond. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

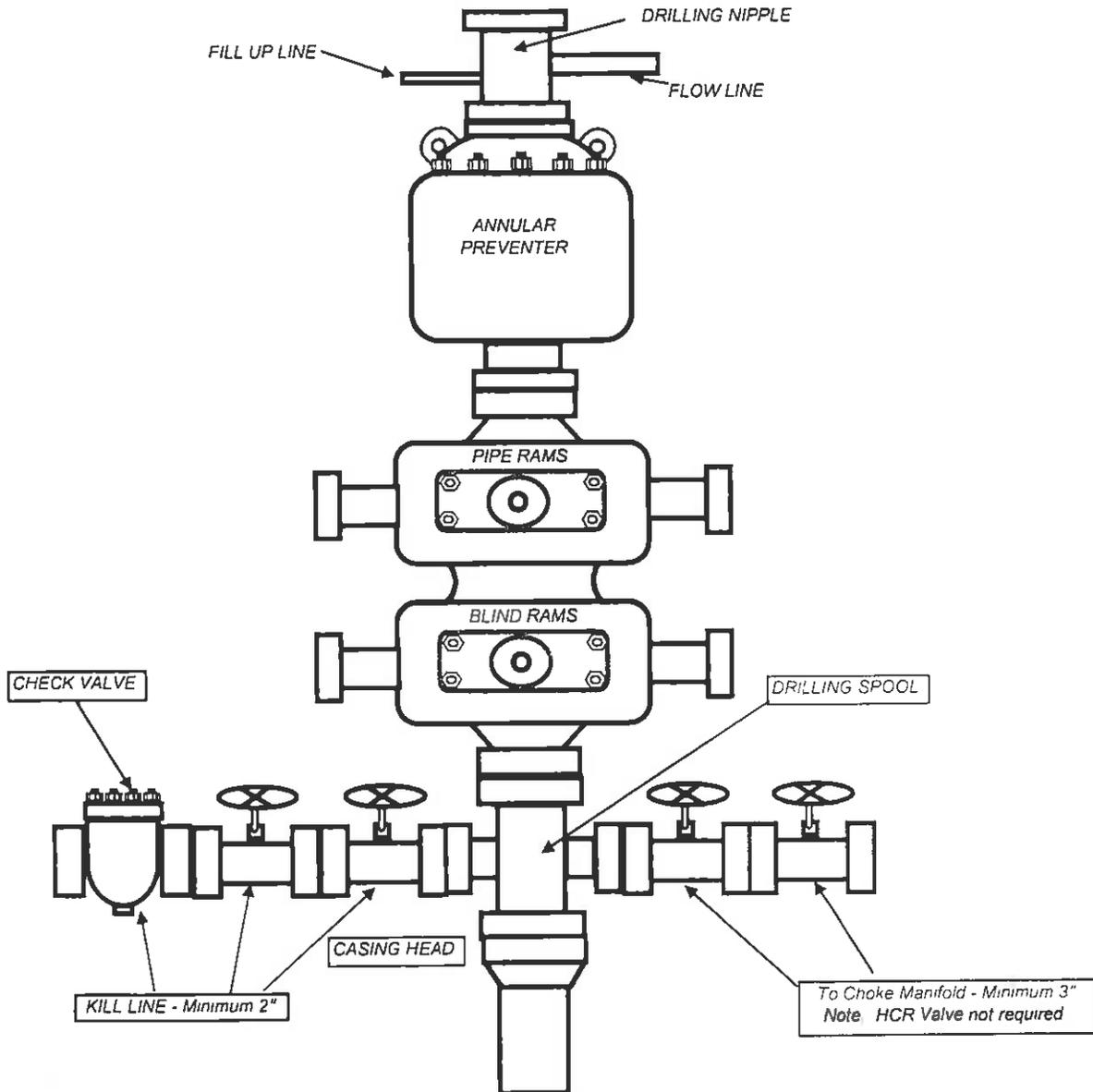
Executed this 22nd day of December 2011
Name: Venessa Langmacher
Position Title: Senior Permit Analyst
Address: 1099 18th Street, Suite 2300, Denver, CO 80202
Telephone: 303-312-8172
E-mail: vlangmacher@billbarrettcorp.com
Field Representative Kary Eldredge / Bill Barrett Corporation
Address: 1820 W. Highway 40, Roosevelt, UT 84066
Telephone: 435-725-3515 (office); 435-724-6789 (mobile)
E-mail: keldredge@billbarrettcorp.com



Venessa Langmacher, Senior Permit Analyst

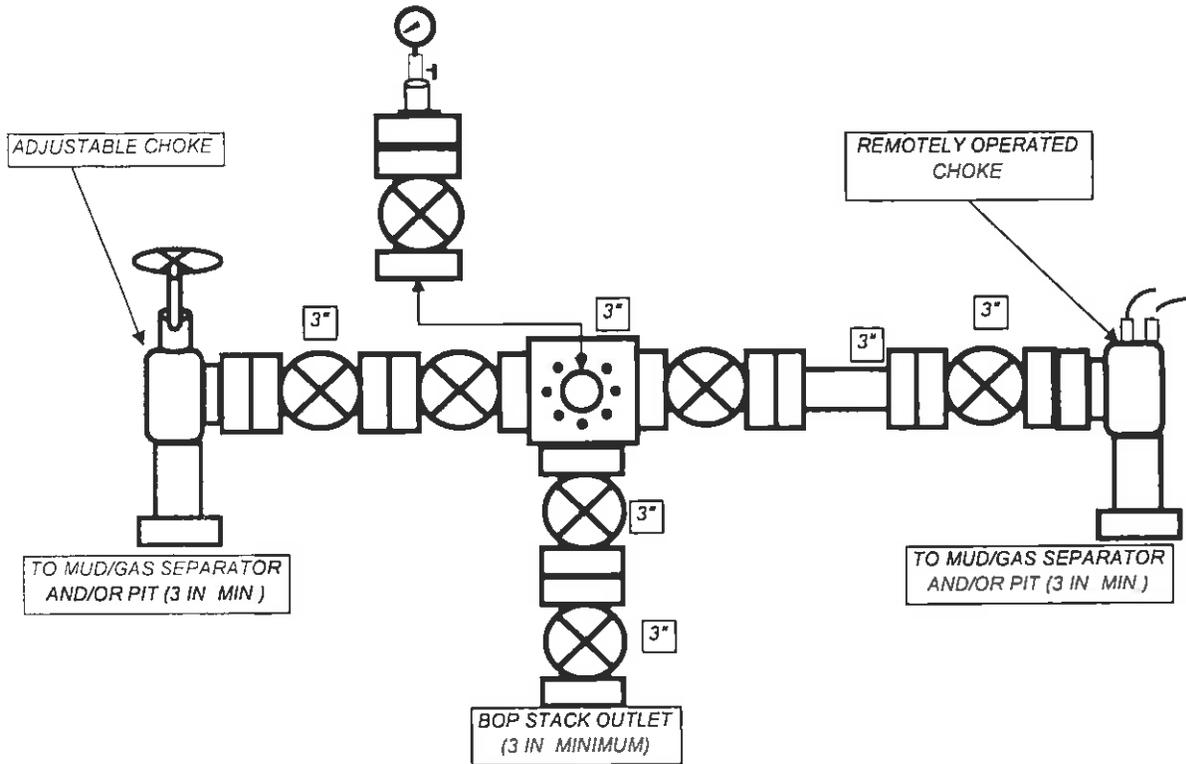
BILL BARRETT CORPORATION

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



BILL BARRETT CORPORATION

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





December 22, 2011

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

Re: Directional Drilling R649-3-11
Blacktail Ridge Area #14-9D-36 BTR Well
Surface: 1,160' FSL & 1,735' FWL, SESW, 9-T3S-R6W, USM
Bottom Hole: 810' FSL & 1,980' FWL SESW, 9-T3S-R6W, USM
Duchesne County, Utah

Dear Ms. Mason,

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

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

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

Sincerely,

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

David Watts
Landman

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

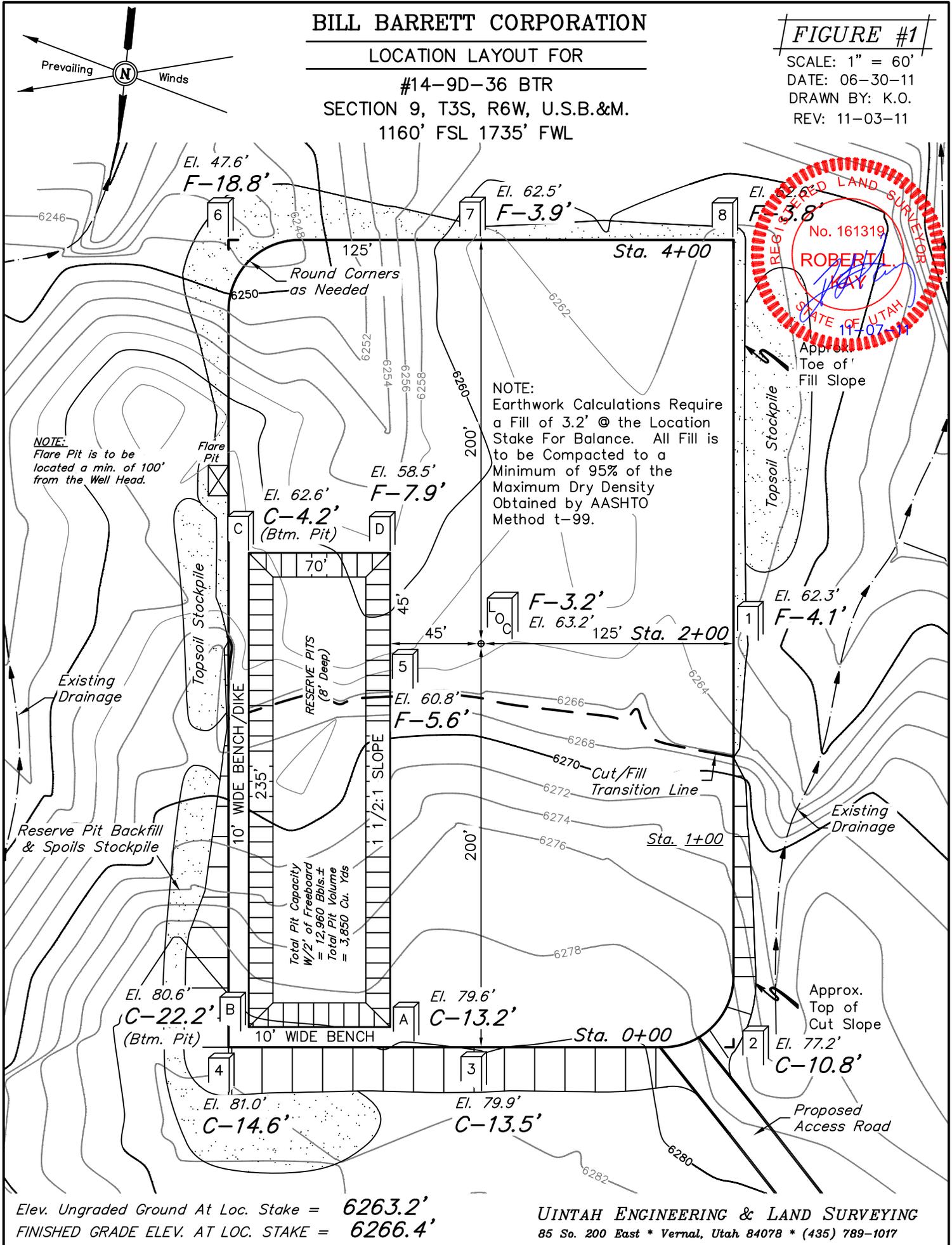
BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

#14-9D-36 BTR
SECTION 9, T3S, R6W, U.S.B.&M.
1160' FSL 1735' FWL

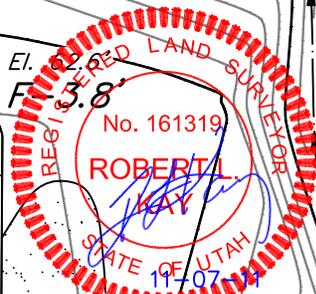
FIGURE #1

SCALE: 1" = 60'
DATE: 06-30-11
DRAWN BY: K.O.
REV: 11-03-11



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

NOTE:
Earthwork Calculations Require a Fill of 3.2' @ the Location Stake For Balance. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.



Elev. Ungraded Ground At Loc. Stake = 6263.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 6266.4'

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

RECEIVED: December 22, 2011

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

#14-9D-36 BTR

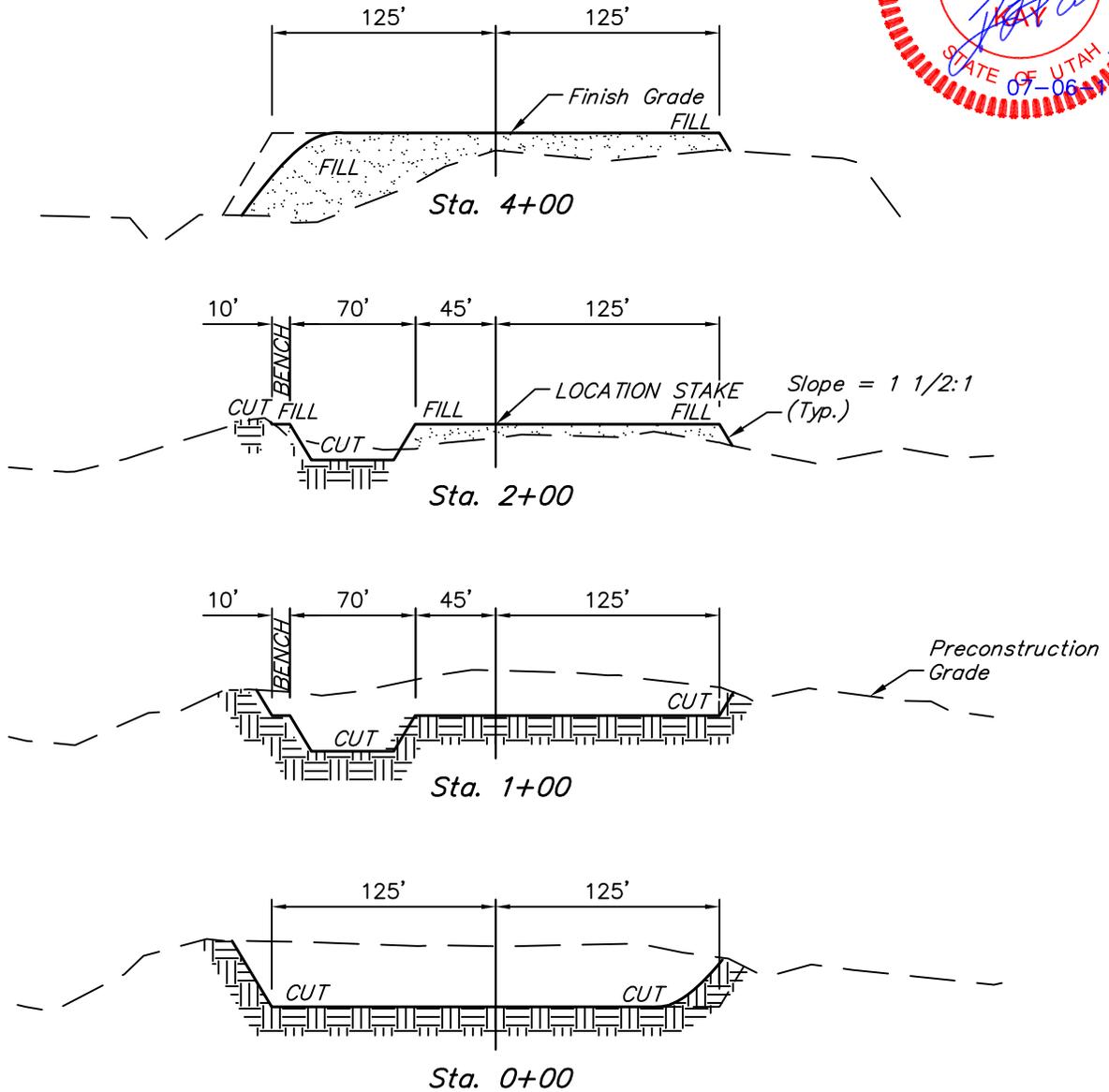
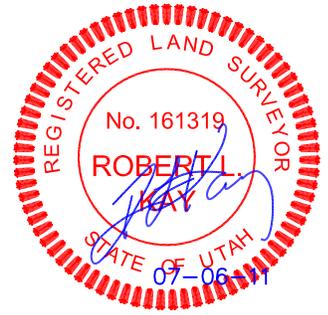
SECTION 9, T3S, R6W, U.S.B.&M.

1160' FSL 1735' FWL

FIGURE #2

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

DATE: 06-30-11
DRAWN BY: K.O.



NOTE:

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

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	2,240 Cu. Yds.
Remaining Location	=	16,880 Cu. Yds.
TOTAL CUT	=	19,120 CU.YDS.
FILL	=	14,950 CU.YDS.

EXCESS MATERIAL	=	4,170 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,170 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

#14-9D-36 BTR

SECTION 9, T3S, R6W, U.S.B.&M.

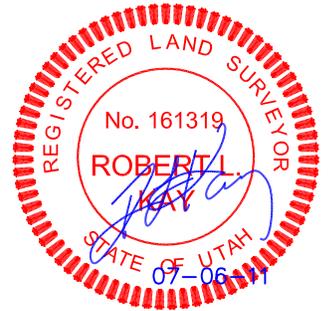
1160' FSL 1735' FWL

FIGURE #3

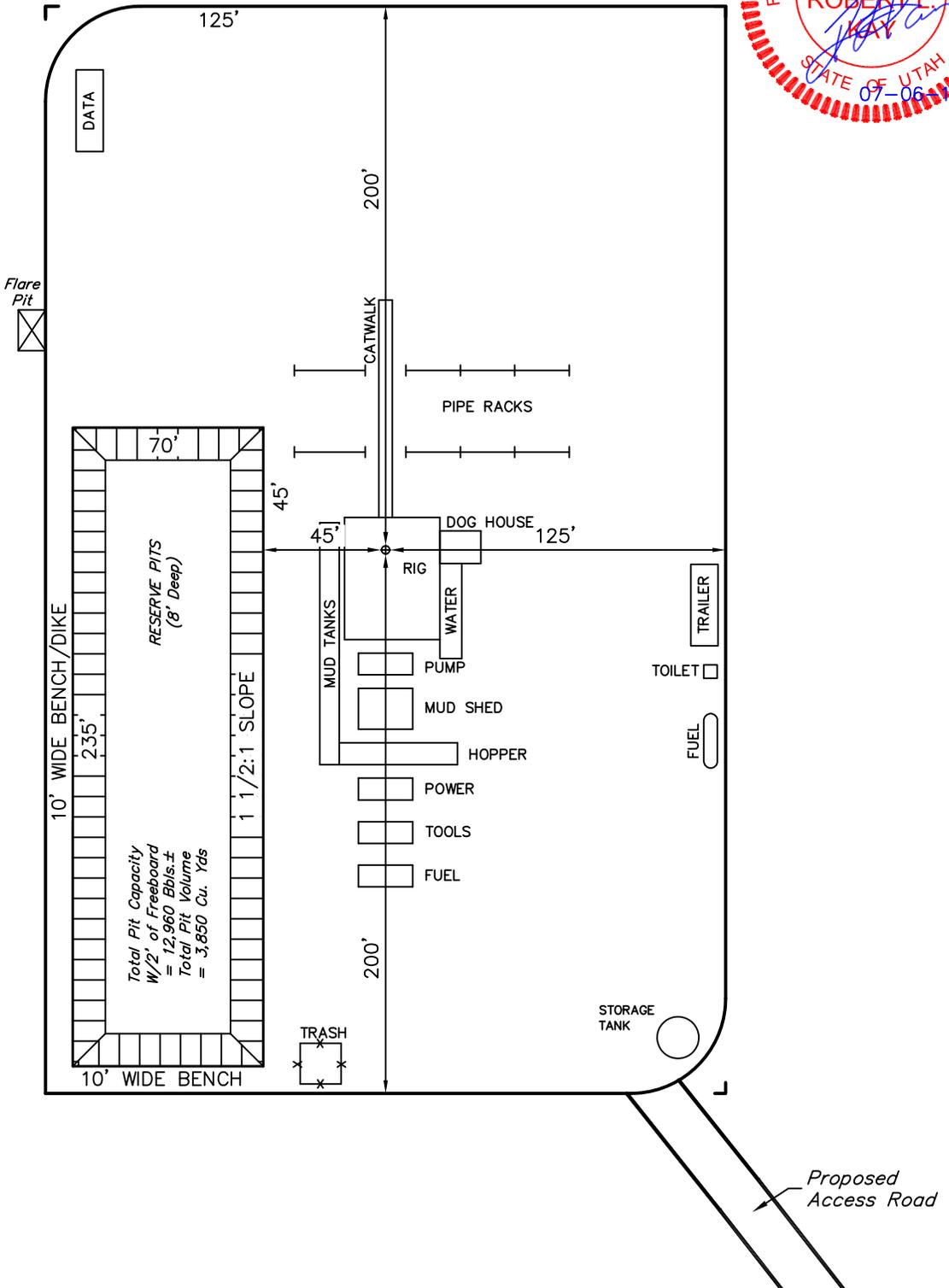
SCALE: 1" = 60'

DATE: 06-30-11

DRAWN BY: K.O.



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



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

RECEIVED: December 22, 2011

BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN FOR

#14-9D-36 BTR

SECTION 9, T3S, R6W, U.S.B.&M.

1160' FSL 1735' FWL

FIGURE #4

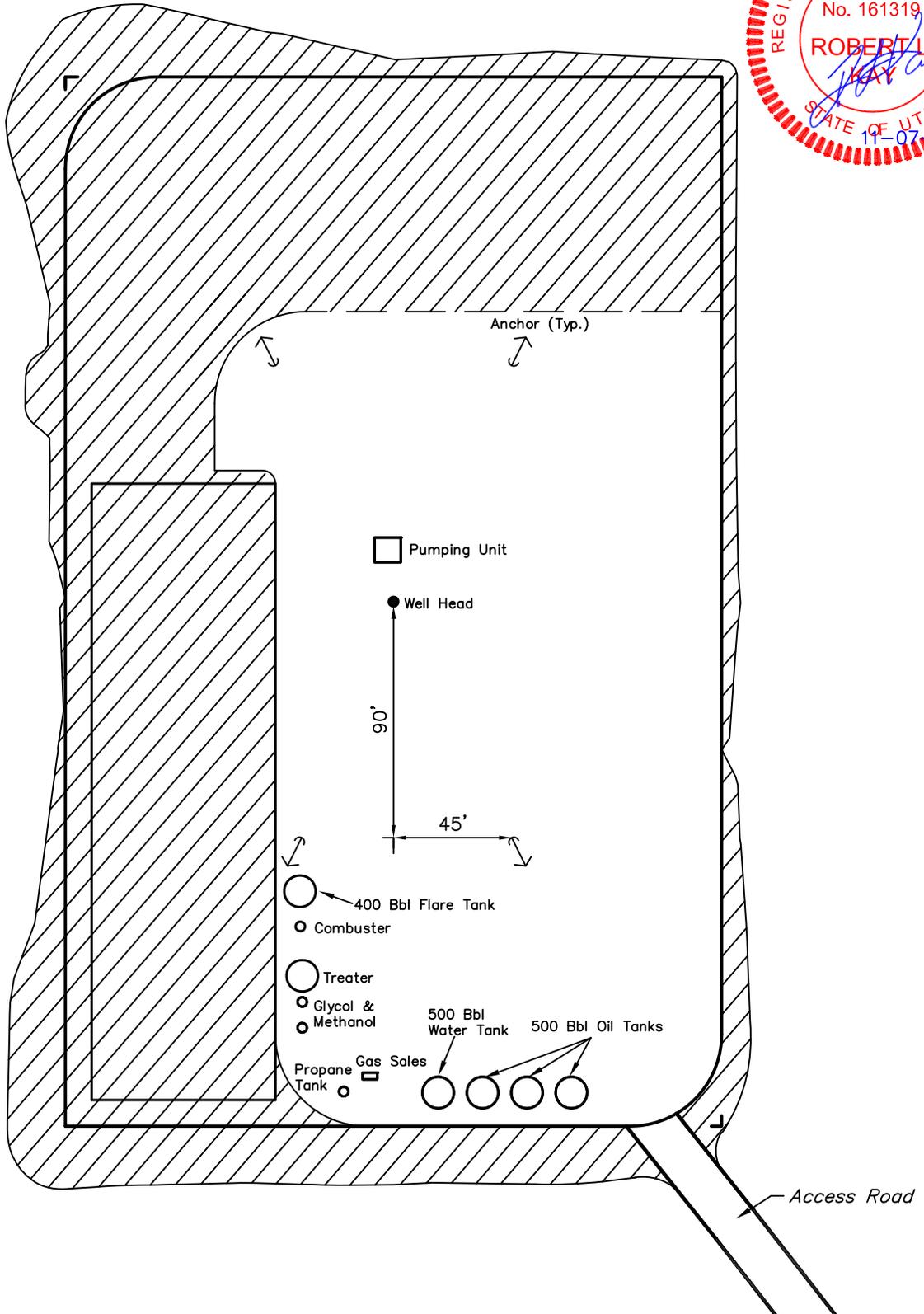
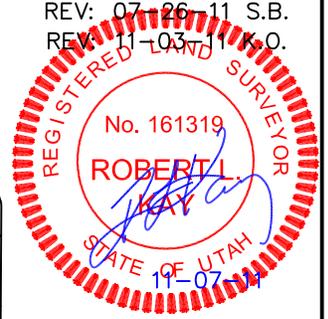
SCALE: 1" = 60'

DATE: 06-30-11

DRAWN BY: K.O.

REV: 07-26-11 S.B.

REV: 11-03-11 K.O.

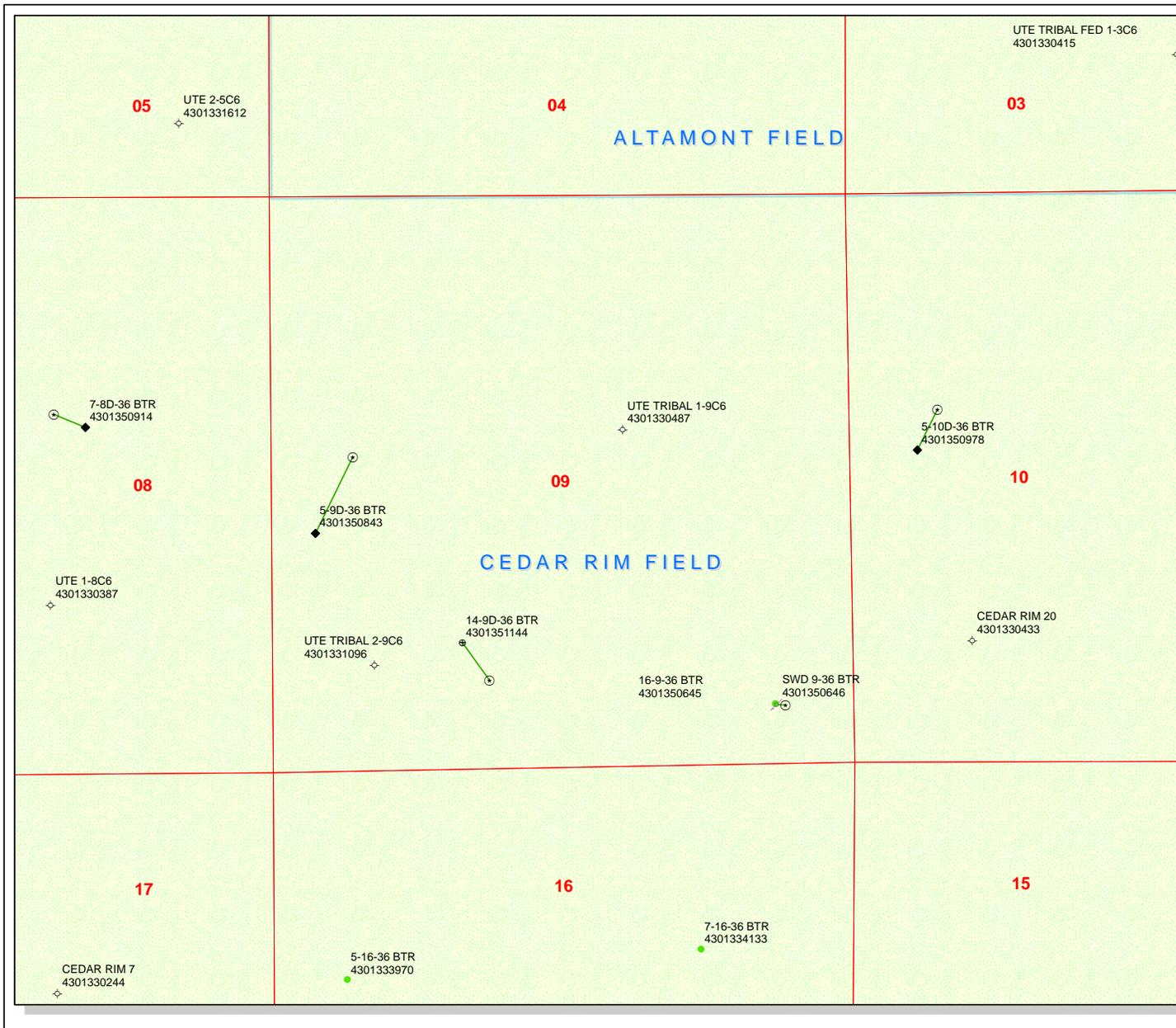


 INTERIM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.226 ACRES

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

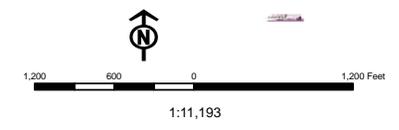
RECEIVED: December 22, 2011



API Number: 4301351144
Well Name: 14-9D-36 BTR
Township T0.3 . Range R0.6 . Section 09
Meridian: UBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



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

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		30 1 Sensitivity Level

Characteristics / Requirements

Reserve pit is 235ft by 70ft by 8ft deep and will be placed mostly in a cut stable location.
A 20 mil liner and felt sub-liner will be used

Closed Loop Mud Required? Y Liner Required? Liner Thickness 16 Pit Underlayment Required? Y**Other Observations / Comments**

Richard Powell
Evaluator

1/19/2012
Date / Time

Application for Permit to Drill Statement of Basis

2/16/2012

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5117	43013511440000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Leon Max Ross	
Well Name	14-9D-36 BTR		Unit		
Field	CEDAR RIM		Type of Work	DRILL	
Location	SESW 9 3S 6W U 1160 FSL 1735 FWL GPS Coord (UTM) 536453E 4453393N				

Geologic Statement of Basis

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

Brad Hill
APD Evaluator

2/8/2012
Date / Time

Surface Statement of Basis

This location is on fee surface with Indian minerals and was previously onsite by the BLM. The surface owner was contacted and invited to attend this onsite but chose not to attend. The soil at this site is very permeable and there are many exposed rock ledges, due to this a 20 mil liner and felt sub liner must be used. The location sits between 2 drainages but disturbs neither and diversions will no be needed. This appears to be a good location for placement of this well.

Richard Powell
Onsite Evaluator

1/19/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/22/2011

API NO. ASSIGNED: 43013511440000

WELL NAME: 14-9D-36 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SESW 09 030S 060W

Permit Tech Review:

SURFACE: 1160 FSL 1735 FWL

Engineering Review:

BOTTOM: 0810 FSL 1980 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.23018

LONGITUDE: -110.57151

UTM SURF EASTINGS: 536453.00

NORTHINGS: 4453393.00

FIELD NAME: CEDAR RIM

LEASE TYPE: 2 - Indian

LEASE NUMBER: 1420H626417

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

Commingling Approved

LOCATION AND SITING:

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

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
5 - Statement of Basis - bhll
15 - Directional - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: 14-9D-36 BTR
API Well Number: 43013511440000
Lease Number: 1420H626417
Surface Owner: FEE (PRIVATE)
Approval Date: 2/16/2012

Issued to:

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

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the 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

API Well No: 43013511440000

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

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

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

Approved By:

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

For John Rogers
Associate Director, Oil & Gas

RECEIVED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR **DEC 27 2011**
BUREAU OF LAND MANAGEMENT

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. 1420H626417
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@billbarrettoorp.com		7. If Unit or CA Agreement, Name and No.
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420	8. Lease Name and Well No. 14-9D-36 BTR
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESW 1160FSL 1735FWL 40.230072 N Lat, 110.571614 W Lon At proposed prod. zone SESW 810FSL 1980FWL 40.229106 N Lat, 110.570731 W Lon		9. API Well No. 43013-51144
14. Distance in miles and direction from nearest town or post office* 13.3 MILES NORTHWEST OF DUCHESNE, UT	15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 810' (BTM. HOLE)	10. Field and Pool, or Exploratory CEDAR RIM
16. No. of Acres in Lease 640.00	17. Spacing Unit dedicated to this well 640.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec 9 T3S R6W Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1037'	19. Proposed Depth 11153 MD 11128 TVD	12. County or Parish DUCHESNE
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6263 GL	22. Approximate date work will start 09/01/2012	13. State UT
20. BLM/BIA Bond No. on file LPM8874725		23. Estimated duration 60 DAYS (D&C)

24. Attachments

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

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) VENESSA LANGMACHER Ph: 303-312-8172	Date 12/22/2011
Title SENIOR PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JUL 03 2012
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

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

Additional Operator Remarks (see next page)

Electronic Submission #126660 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 01/04/2012 ()

UDOGM

NOTICE OF APPROVAL

RECEIVED

AUG 10 2012

CONDITIONS OF APPROVAL ATTACHED

DIV. OF OIL, GAS & MINING

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

12TJL0026AE

NOS 10/24/11



**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	Location:	SESW, Sec. 9,T3S R6W
Well No:	14-9D-36 BTR	Lease No:	14-20-H62-6417
API No:	43-013-51144	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)***

Site Specific Conditions of Approval:

Additional Stipulations:

- Any deviation of submitted APD's, which includes BBCs surface use plan, any ROW applications, and the surface access agreement the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- Production facilities will be painted Beetle Green to help blend in with the surrounding habitat.
- Wood that will be removed will be piled up along well access road, and around well pad. This can be used by the land owner, or for reclamation purposes.
- The reserve pit will be lined with a 20 mil liner with felt to help prevent any leaks from occurring and affecting soils and vegetation in the surround area.
- Production equipment will be placed towards the front of the pad to maximize interim reclamation efforts. All equipment should have a berm around them to prevent leaks from affecting resources outside the pad area. This berm should be able to hold 110% of the largest capacity.
- Topsoil will be relocated from corners 6 & 8 of the proposed well pad to corners 1 & 8 to get topsoil away from fill material, which will make it more accessible for reclamation activities.
- Site reclamation would be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

General Conditions of Approval:

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

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

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface casing. The minimum cement top is 400 ft. 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 LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or

abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626417	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
8. WELL NAME and NUMBER: 14-9D-36 BTR	
9. API NUMBER: 43013511440000	
9. FIELD and POOL or WILDCAT: CEDAR RIM	
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: 303 312-8164 Ext	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1160 FSL 1735 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 09 Township: 03.0S Range: 06.0W Meridian: U	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/1/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

BBC requests a one year extension for the subject APD.

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

Date: February 19, 2013

By: 

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



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013511440000

API: 43013511440000

Well Name: 14-9D-36 BTR

Location: 1160 FSL 1735 FWL QTR SESW SEC 09 TWP 030S RNG 060W MER U

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 2/16/2012

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

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

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

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

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

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

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

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

Signature: Venessa Langmacher

Date: 1/21/2013

Title: Senior Permit Analyst Representing: BILL BARRETT CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626417																														
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:																														
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TYPE OF SUBMISSION	TYPE OF ACTION																															
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 4/15/2013 <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.																																
This well was spud on 4/15/2013 at 12:45 pm by Triple A Drilling, Rig #TA 4037, Rig Type Soilmecc SR/30. Continuous drilling is planned to commence on 4/21/13.																																
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 18, 2013																																
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst																														
SIGNATURE N/A	DATE 4/16/2013																															

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# SST RIG 17
Submitted By CECIL E. CROW Phone Number 281-833-2424
Well Name/Number 14-9D-36 BTR
Qtr/Qtr SE/SW Section 9 Township 3S Range 6W
Lease Serial Number 1420H626417
API Number 43-013-511440000

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

Date/Time _____ AM PM

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

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

Date/Time 4/25/13 18:00 AM PM

BOPE

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

RECEIVED
APR 24 2013
DIV. OF OIL, GAS & MINING

Date/Time 4/26/13 12:00 AM PM

Remarks WE ARE SCHEDULED TO RUN SURFACE CASING &
CEMENT IMMEDIATELY AFTER RUNNING CASING/EST BOPE
TESTING TIME IS 12:00 HOURS ON 4/26/13.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# SST RIG 17
Submitted By CECIL E. CROW Phone Number 281-833-2424
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Date/Time _____ AM PM

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

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

Date/Time 4/26/13 12:00 AM PM

BOPE

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

Date/Time 4/27/13 04:00 AM PM

Remarks REVISED TIMELINE ON SURFACE CASING & CEMENT/EST. BOPE TESTING

RECEIVED
APR 26 2013
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626417
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: 14-9D-36 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013511440000
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: 1160 FSL 1735 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 09 Township: 03.0S Range: 06.0W Meridian: U	9. FIELD and POOL or WILDCAT: CEDAR RIM COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/30/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<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 April 2013 Drilling Activity for this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 10, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/3/2013	

**14-9D-36 BTR 4/16/2013 06:00 - 4/17/2013 06:00**

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	Primary Job Type Drilling & Completion
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Time Log				Category	Com
Start Time	Dur (hr)	End Time	Code		
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RD/MIRU/MOVED & SET UP CAMPS/RD TOPDRIVE, GAS BUSTER, CHOKE HOUSE, MUD PUMPS, SCR HOUSE, GEN SETS, WATER PUMPS & TANK, MUD PITS, UPRIGHTS, LAY DERRICK OVER,/SET MATTING BOARDS FOR SUBSTRUCTURE.
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-9D-36 BTR 4/17/2013 06:00 - 4/18/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	Primary Job Type Drilling & Completion
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Time Log				Category	Com
Start Time	Dur (hr)	End Time	Code		
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RD/MIRU/ RD, DERRICK OFF SUB, SPLIT SUBS, PUMPS/MIRU, PITS, PRE-MIX, PUMPS, SET MATS, & SKID RAILS/HAUL UPRIGHTS, CEMENT SILOS, KOOMEY, GEN SETS, DRAW WORKS, SUBSTRUCTURE, BOILER, BIT HOUSE, GAS BUSTER, CHOKE HOUSE
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-9D-36 BTR 4/18/2013 06:00 - 4/19/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	Primary Job Type Drilling & Completion
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Time Log				Category	Com
Start Time	Dur (hr)	End Time	Code		
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RU/SET SUBS, WATER TANK, SCR HOUSE, GEN SETS, PARTS HOUSE, KOOMEY HOUSE, RUN POWER, WATER, STEAM, SET DOG HOUSE, DERRICK ON SUB, FUEL TANKS, CHOKE HOUSE, UPRIGHTS, BAR HOPPER, YELLOW DOG.
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT

14-9D-36 BTR 4/19/2013 06:00 - 4/20/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	Primary Job Type Drilling & Completion
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Time Log				Category	Com
Start Time	Dur (hr)	End Time	Code		
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RU, RAISE DERRICK, TOP DRIVE & TRACK, FLOOR, CUT 165' OF DRLG LINE, WINTERIZING, SET UPRIGHTS, PIPE TUBS/({SERIOUS NOTE ON TRUCKING COMPANY JD FIELDS" WAITED 3.5 HOURS ON TOP DRIVE, 12.5 HOURS FOR FORK LIFT, 5 HOURS ON PIPE TUBS/TRUCK PUSHER INFORMED CO-MAN THAT DISPATCH PULLED ALL THE TRUCKS OFF RIG MOVE CAUSING A MIINIMUM OF 12 HOUR DELAY IN SPUDDING SURFACE.})
18:00	12.00	06:00	1	RIGUP & TEARDOWN	RU, WIND WALLS, 4" MUD LINE, STEAM HEATERS, WATER, WORK ON GUN LINES, CHANGE OIL #1 & #3 MOTORS, CONDUCTOR, DRLG NIPPLE, FLOW LINE, FILL PRE-MIX & MUD TANKS W/H2O, STAIRS & HAND RAILS, SUPER CHOKE, MOUSE HOLE

14-9D-36 BTR 4/20/2013 06:00 - 4/21/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	Primary Job Type Drilling & Completion
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Time Log				Category	Com
Start Time	Dur (hr)	End Time	Code		
06:00	10.00	16:00	1	RIGUP & TEARDOWN	RU, MIX SPUD MUD, UN LOAD CASING, GAS BUSTER & FLARE LINES, IGNITOR, KOOMEY LINES/PRE-SPUD INSPECTION
16:00	1.50	17:30	1	RIGUP & TEARDOWN	STRAP, I.D., O.D., & FISHNECKS ON BHA AND PUT ON RACKS/DAY WORK STARTED @ 16:00 ON 4/20/13
17:30	2.50	20:00	20	DIRECTIONAL WORK	MU, DIRECTIONAL TOOLS, SCRIBE & ORIENTATE, MU BIT
20:00	10.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 98'-831'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 73.3

14-9D-36 BTR 4/21/2013 06:00 - 4/22/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	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	2	DRILL ACTUAL	DRILL ACTUAL/ 831'-1,234'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 67.16
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	1.00	13:30	6	TRIPS	PUMP FLAG/TOOH F/WASH OUT/LD WASHED JT D.P./TIH
13:30	16.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 1,234'-2,045'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 49.15

14-9D-36 BTR 4/22/2013 06:00 - 4/23/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	DRILLING	7,529.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,045'-2,070'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 50/LOST FLOW @2,070'
06:30	2.00	08:30	5	COND MUD & CIRC	BUILD VOL & SPOT 50% LCM PILLS/BRING MUD UP TO 15% LCM
08:30	1.00	09:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,070'-2,145'/ WOB 10K-15K/PUMP #1 65 / PUMP #2 65/ ROT RPM 45/ BIT RPM 78/ ROP 75/LOST FLOW @2,145'
09:30	7.00	16:30	5	COND MUD & CIRC	BUILD VOLUME & BRING LCM UP TO 35%-40%/PUMP 50% LCM PILLS DOWN HOLE WHILE BUILDING VOLUME
16:30	2.50	19:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,145'-2,212'/ WOB 10K-15K/PUMP #1 65 / PUMP #2 65/ ROT RPM 45/ BIT RPM 78/ ROP 33.5
19:00	3.50	22:30	6	TRIPS	TOOH W/ BIT #1/XO BIT
22:30	3.50	02:00	6	TRIPS	TIH W/ BIT #2/BREAK CIRC @ 927' & 2,156'/WASH TO BTM
02:00	4.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,212'-2,345'/ WOB 10K-15K/PUMP #1 0 / PUMP #2 120/ ROT RPM 45/ BIT RPM 78/ ROP 33.25

14-9D-36 BTR 4/23/2013 06:00 - 4/24/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	DRILLING	7,529.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,345'-2,535'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 22.35
14:30	0.50	15:00	7	LUBRICATE RIG	RIG SERVICE
15:00	12.50	03:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,535'-2,832'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 23.76
03:30	2.50	06:00	6	TRIPS	TOOH W/ BIT #2

14-9D-36 BTR 4/24/2013 06:00 - 4/25/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	DRILLING	7,529.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	6	TRIPS	TOOH W/ BIT #2
07:00	1.00	08:00	20	DIRECTIONAL WORK	CHANGE OUT BIT & MUD MTR/SCRIBE & ORIENTATE
08:00	2.00	10:00	6	TRIPS	TIH W/ BIT #3
10:00	7.00	17:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,832'-3,108'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 39.42
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	5.50	23:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,108'-3,335'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 41.27/LOST RETURNS @ 3,334'
23:00	3.00	02:00	5	COND MUD & CIRC	LOST RETURNS/BUILD VOL/SPOT 50% LCM SWEEPS
02:00	1.00	03:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,335'-3,360'/ WOB 10K-15K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 78/ ROP 50
03:00	3.00	06:00	5	COND MUD & CIRC	BUILD VOL/SPOT 50% LCM PILLS

14-9D-36 BTR 4/25/2013 06:00 - 4/26/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	DRILLING	7,529.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	5	COND MUD & CIRC	BUILD VOLUME TO 750BBLs 40% LCM

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	0.50	07:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,360'-3,381'/ WOB 20K-25K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 75/ ROP 42
07:30	7.00	14:30	5	COND MUD & CIRC	BUILD VOLUME TO750BBLs 50% LCM/SPOT 60% LCM SWEEPS AN HOUR APART/REGAINED FLOW/MIX LCM
14:30	15.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,381'-3,700'/ WOB 20K-25K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 75/ ROP 20.58

14-9D-36 BTR 4/26/2013 06:00 - 4/27/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	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	DRLG F/ 3700' TO 3735' (35' IN 3 HR = 11.6 FPH) . ROTATING
09:00	6.00	15:00	6	TRIPS	TOOH, X/O BIT, TIH
15:00	4.00	19:00	2	DRILL ACTUAL	DRLG F/ 3735' TO 3725'@ 22.5 FPH ROTATING.
19:00	1.00	20:00	5	COND MUD & CIRC	CIRC. SWEEP. COND F/ CASING
20:00	3.00	23:00	6	TRIPS	TOOH L/D 8" TOOLS
23:00	1.50	00:30	12	RUN CASING & CEMENT	SWAP BAILS, RIG UP FRANKS CASING, HSM,
00:30	4.00	04:30	12	RUN CASING & CEMENT	RUN CASING. FS (1.50), SHOE JT (38.61), FC (1.50), 93 JTS 9 5/8" 36# J55 LT&C CASING (3783.57). LANDED 3821'. MADE W/ BESOLIFE DOPE TO 4530 FT/LB.
04:30	1.00	05:30	5	COND MUD & CIRC	CIRC.
05:30	0.50	06:00	12	RUN CASING & CEMENT	HSM, SWAP TO HES AND CEMENT. DETAILS ON NEXT REPORT

14-9D-36 BTR 4/27/2013 06:00 - 4/28/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	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	12	RUN CASING & CEMENT	CEMENT. 20 BLS H2O, 40 BLS SUPER FLUSH, 20 BLS H2O 660 SKS HLC PREMIUM 371 BL 11# 3.16 YEILD W/ 5 LB SILCALITE .125 LB POLY-E-FLAKE, .25 LB KWIK SEAL. TAILED W/ 240 SKS PREMIUM PLUS TYPE III 57 BLS 14.8# 1.33 YEILD W/ .125 LB POLY-E-FLAKE. DISPLACED W/ 165 BLS H2O. BUMP PLUG FLOATS HELD. LOST RETURN WHILE DROPPING PLUG. VALVES ON DISPLACE MENT TANKS NOT WORKING. COULD NOT TELL HOW MUCH WE WERE DISPLACING. BROUGHT SMALL TRUCK WITH ONLY 1 PUMP. PUMP HAMMERING. MABE PUMPING @ 60%.
09:00	0.50	09:30	15	TEST B.O.P	TEST CASING TO 1500# F/ 15 MINS
09:30	3.00	12:30	13	WAIT ON CEMENT	WOC
12:30	1.00	13:30	12	RUN CASING & CEMENT	TOP OFF W/ 150 SKS 15.8 GLASS G W/ 3% CACL
13:30	1.50	15:00	13	WAIT ON CEMENT	WOC
15:00	3.00	18:00	14	NIPPLE UP B.O.P	CUT OFF WELD ON WELL HEAD
18:00	3.00	21:00	14	NIPPLE UP B.O.P	NIPPLE UP BOP
21:00	2.50	23:30	15	TEST B.O.P	TEST BOPS. TEST ALL RAMS AND VALVES 5000# F/ 10 MIN, TEST ANNULAR 2500# F/ 10 MINS, TEST CHOKE 1000# F/ 10 MINS.
23:30	0.50	00:00	14	NIPPLE UP B.O.P	INSTALL WEAR BUSHING
00:00	1.50	01:30	20	DIRECTIONAL WORK	P/U BHA AND EM TOOL. OREANTATE.
01:30	2.00	03:30	6	TRIPS	TIH
03:30	1.00	04:30	21	OPEN	DRILL OUT SHOE TRACK
04:30	0.50	05:00	22	OPEN	EMW 400 PSI W/ 8.5 MUD = 10.5. WOULD NOT HOLD WITH WATER. HELD WITH 30% LCM.
05:00	1.00	06:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 3525'

14-9D-36 BTR 4/28/2013 06:00 - 4/29/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status DRILLING	Total Depth (ftKB) 7,529.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 3890' TO 4458' (568' IN 7 HR = 81.1 FPH SLIDE 125' IN 2.5 HR 50 FPH, ROTATE: 443' IN 4.5 HR = 98.4 FPH. MM HUNTING 6.75" 7/8 LOBE 3.5 STAGE .15 RPG 1.5 DEGREE FIXED 6.24' BTB.
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE WASH PIPE LEAKING
13:30	8.50	22:00	2	DRILL ACTUAL	DRLG F/ 4458' TO 4790' (332' IN 8.5 HR = 39 FPH) SLIDE: 133' IN 4 HR = 33.25 FPH

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
22:00	4.50	02:30	6	TRIPS	TRIP F/ BIT #6
02:30	2.50	05:00	2	DRILL ACTUAL	DRLG F/ 4790' TO 4934' (144' IN 2.5 HR = 57.6 FPH) SLIDE: 50' IN 1 HR = 50 FPH, ROTATE: 94' IN 1.5 HR = 62.2 FPH,
05:00	0.50	05:30	8	REPAIR RIG	REPLACE STAND PIPE GASKET
05:30	0.50	06:00	2	DRILL ACTUAL	DRLG F/ 4934' TO 4960' @ 52 FPH SLIDING

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# SST RIG 17
Submitted By Jeremy Mejorado Phone Number 281-833-2424
Well Name/Number 14-9D-36 BTR
Qtr/Qtr SE/SW Section 9 Township 3S Range 6W
Lease Serial Number 1420H626417
API Number 43-013-511440000

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

Date/Time _____ AM PM

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

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

Date/Time 5/6/13 1:00 AM PM

BOPE

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

RECEIVED

MAY 05 2013

DIV. OF OIL, GAS & MINING

Date/Time _ _ AM PM

Remarks we will be cementing production csg around 8:00 am 5/6/13 please call with any questions or concerns

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: 1420H626417
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: 14-9D-36 BTR
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43013511440000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1160 FSL 1735 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 09 Township: 03.0S Range: 06.0W Meridian: U		9. FIELD and POOL or WILDCAT: CEDAR RIM
		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is the May 2013 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 11, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/5/2013	

**14-9D-36 BTR 5/1/2013 06:00 - 5/2/2013 06:00**

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 20K WT ON BIT, 150-300 DIFF PRESS 10K TQ
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE - FUNCTION HCR
13:00	4.50	17:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 21K WT ON BIT, 150-275 DIFF PRESS, 11K TQ
17:30	0.50	18:00	5	COND MUD & CIRC	CIRC PUMP PILL
18:00	3.50	21:30	6	TRIPS	T.O.O.H. F/7983' T/0' - CHANGE BIT
21:30	4.00	01:30	6	TRIPS	T.I.H. F/0' T/7983' WASH & REAM LAST 2 STANDS
01:30	4.50	06:00	2	DRILL ACTUAL	W/425 GPM, 45 RPM, 20K WT ON BIT, 220-375 DIFF PRESS, 12K TQ

14-9D-36 BTR 5/2/2013 06:00 - 5/3/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 22K WT ON BIT, 180-300 DIFF PRESS, 12K TQ
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	16.00	06:00	2	DRILL ACTUAL	W/420 GPM, 48 RPM, 24K WT ON BIT, 150-325 DIFF PRES, 13K TQ

14-9D-36 BTR 5/3/2013 06:00 - 5/4/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 23K WT ON BIT, 180-300 DIFF PRESS, 14K TQ
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	8.00	22:00	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 24K WT ON BIT, 125-300 DIFF PRESS, 15K TQ
22:00	8.00	06:00	5	COND MUD & CIRC	CIRC GAS - 20-30' FLARE - RAISE MUD WT FROM 9.4 PPG TO 10.0 PPG - 0.2 PPG PER CIRCULATION

14-9D-36 BTR 5/4/2013 06:00 - 5/5/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	W/420 GPM, 50 RPM, 24K WT ON BIT, 150-300 DIFF PRESS, 14K TQ
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE - FUNCTIN PIPE RAMS
13:30	1.00	14:30	2	DRILL ACTUAL	W/420 GPM, 50 RPM, 24K WT ON BIT, 175-300 DIFF PRESS, 15K TQ
14:30	1.00	15:30	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP
15:30	3.00	18:30	6	TRIPS	WIPER TRIP UPTO 7800'
18:30	2.00	20:30	5	COND MUD & CIRC	CIRC PUMP TWO HIGH VIS LCM SWEEPS
20:30	4.50	01:00	6	TRIPS	T.O.O.H. F/10510' T/128' STRAP OUT - SLM=10510
01:00	1.00	02:00	20	DIRECTIONAL WORK	L/D DIR TOOLS - PULL MWD TOOL - BREAK BIT & L/D MUD MOTOR
02:00	4.00	06:00	11	WIRELINE LOGS	S/M - R/U LOGGERS & LOG - LOGGERS DEPTH 10515

14-9D-36 BTR 5/5/2013 06:00 - 5/6/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	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	11	WIRELINE LOGS	LOGGING - R/D LOGGERS
09:00	1.00	10:00	6	TRIPS	T.I.H. F/0' T/1500' - FILL PIPE PLUGGED BIT
10:00	2.00	12:00	6	TRIPS	T.O.O.H. - CLEAN OUT BIT & BIT SUB - REPLACE FLOAT
12:00	6.00	18:00	6	TRIPS	T.I.H. F/0' T/10510'
18:00	1.00	19:00	5	COND MUD & CIRC	CIRC - PUMP HIGH VIS SWEEP
19:00	6.50	01:30	6	TRIPS	L/D DRILL PIPE, HWDP, & 6" DCS
01:30	0.50	02:00	21	OPEN	PULL WEAR BUSHING
02:00	4.00	06:00	12	RUN CASING & CEMENT	S/M - R/U CSG CREW & RUN 5.5" CSG

**14-9D-36 BTR 5/6/2013 06:00 - 5/7/2013 06:00**

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	12	RUN CASING & CEMENT	RUN 239 JTS 10,504.27' 5-1/2 P-110 17# 8RD LT&C 8RD Rng3 PRODUCTION CSG, SHOE @ 10,499'/RD CASING CREW
12:30	3.50	16:00	5	COND MUD & CIRC	CIRC BTMS AND WAIT ON HALLIBURTON TO BRING CORRECT FLUSH OUT
16:00	3.50	19:30	12	RUN CASING & CEMENT	RU HALLIBURTON/HELD SAFETY MEETING/TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBLS SUPER FLUSH/ 10 BBL H2O SPACER/ 925 SKS 382.2 BBLS 2,145.98 CU/FT 11.0PPG 2.32 YEILD 10.61 GAL/SK/640 SKS 163.0BBLS 915.21 CU/FT 13.5PPG 1.42 YEILD 6.65 GAL/SK DISPLACE 241.6 BBLS DISPLACEMENT H2O W/BIOCIDE, FINAL LIFT 2,242 PSI, BUMP PLUG @ 2,650 PSI HELD 3-MIN.FLOATS HELD. NO CMT RETURNS TO SURFACE. LOST RETURNS 0BBLS INTO DISPLACEMENT/REGAINED RETURNS 90BBLS/NEVER REGAINED FULL RETURNS/RD HALLIBURTON
19:30	0.50	20:00	13	WAIT ON CEMENT	WOC/RD HALLIBURTON
20:00	2.00	22:00	13	WAIT ON CEMENT	ND BOP PU 218K SET SLIPS @ 215K 30K OVER ST. WT.
22:00	2.00	00:00	14	NIPPLE UP B.O.P	ND BOP AND INSTALL NIGHT CAP
00:00	6.00	06:00	21	OPEN	CLEAN PITS & PREP FOR RIG MOVE/RELEASE RIG 06:00 5/7/13

14-9D-36 BTR 5/13/2013 06:00 - 5/14/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.
07:00	3.00	10:00	IWHD	Install Wellhead	Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides.N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16" x 5k Gate Valves. Tested Hanger Seals To 7100 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.
10:00	20.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.

14-9D-36 BTR 5/14/2013 06:00 - 5/15/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI Shut In And Secured.
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.
09:00	6.00	15:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 10,377', Drilling Report Shows FC At 10,408', 31' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 10,377', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 05-05-2013. Run Repeat Section From 10,377 - 10,150', Log Up Hole. Showed Good Bond From TD To 8,470, 8,470 - 6,950' Fair, 6,950 - 4,600 Ratty, TOC 4,600'. Found Short Joints At 9,896 - 9,928, 8,957 - 8,969', And 7,770 - 7,803'. Ran With Pressure. Pooh, RD Equipment, MOL.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626417
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: 14-9D-36 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013511440000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1160 FSL 1735 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 09 Township: 03.0S Range: 06.0W Meridian: U	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/8/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
This well received first production and first gas sales on 6/8/2013.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 12, 2013		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 6/10/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H626417	

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: 14-9D-36 BTR
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2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013511440000
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1160 FSL 1735 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 09 Township: 03.0S Range: 06.0W Meridian: U	COUNTY: DUCHESNE
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> 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"/> 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			

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

Attached is the June 2013 Drilling Activity for this well.

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

FOR RECORD ONLY

July 11, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 7/9/2013	

**14-9D-36 BTR 6/3/2013 06:00 - 6/4/2013 06:00**

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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 Line. HES Set Manifold And Mover. Prep For Frac.

14-9D-36 BTR 6/4/2013 06:00 - 6/5/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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. Wireline Crew Arrive On Location. Hold Safety Meeting. Rig Up Lubricator, Arm Gun.
08:00	1.25	09:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To SD/DSN Dated 05-05-2013 And SLB CCL/CBL Dated 5-14-2013. Found And Correlated To Short Joint At 9,896 - 9,928'. Drop Down To Depth, Perforate Stage 1 CR-4A/CR-4 Zone, 10,012 - 10,349'. 57 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
09:15	4.75	14:00	SRIG	Rig Up/Down	HES Rigging Up
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

14-9D-36 BTR 6/5/2013 06:00 - 6/6/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00		06:00	SMTG	Safety Meeting	HES AOL 4:45. RUN QC ON FLUIDS. HSM: RED ZONE, CONGESTED WORK AREA, MUSTER POINT, BACKING TRUCKS.
06:00	0.80	06:48	FRAC	Frac. Job	FRAC STG #1- CR-4 AND CR-4A PERFS 10,012'-10,350' 57 HOLES IN 19' NET. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 1168 PSI AT 05:33 BREAK DOWN 3433 PSI AT 10 BPM. PMP 3900 GAL 15% HCL ACID W/ 114 BIO BALLS FOR DIVERSION. 10.5 BPM AT 3042 PSI. FLUSH W/ 9776 GAL. 35.1 BPM AT 4171 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.5 BPM AT 4707 PSI. ISDP 3193. FG .75. PERFS OPEN 32/57. CONT FR PAD. 69.3 BPM AT 4649 PSI. STAGE HYBOR PAD 70.5 BPM AT 4780 PSI. STAGE TO 2 PPA 20/40 CRC. 70.3 BPM AT 4862 PSI. ON PERFS 70.5 BPM AT 4543 PSI. STAGE TO 3 PPA 20/40 CRC. 70.3 BPM AT 4482 PSI. ON PERFS 70.3 BPM AT 4325 PSI. STAGE TO 3.5 PPA 20/40 CRC. 70.3 BPM AT 4443 PSI. ON PERFS 70.2 BPM AT 4426 PSI. STAGE TO 4 PPA 20/40 CRC. 70.3 BPM AT 4495 PSI. ON PERFS 70.3 BPM AT 4777 PSI. FLUSH 72.8 BPM AT 5356 PSI. WSI WITH 3441 PSI. TURN OVER TO WIRELINE. ISDP 3541, FG .79, MR 73.6 BPM, MP 5724 PSI, AR 70.5 BPM, AP 4669 PSI PMP 160,400 LBS 20/40 CRC. 250 LBS SCALE SORB 3 SLK WTR 72,900 GAL 20# HYBOR G (16) 65,746 GAL TOTAL PMP 142,546 GAL BWTR 3394 BBLS
06:48	1.50	08:18	PFRT	Perforating	PERF STG #2- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 2 INTO LUB AND EQUALIZE 3250 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 9896'-9918'. RUN DOWN AND SET CBP AT 9976' WITH 2850 PSI. PULL UP AND PERF CR-3 AND CR-4 FORM 9647'-9956' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 1700 PSI.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:18	1.42	09:43	FRAC	Frac. Job	<p>FRAC STG #2- CR-3 AND CR-4 PERFS 9647'-9956'. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 1185 PSI AT 08:28 BREAK DOWN 2007 PSI AT 4.7 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.5 BPM AT 2646 PSI. FLUSH W/ 9419 GAL. 34.9 BPM AT 3728 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.5 BPM AT 4396 PSI. ISDP 2744. FG .72. PERFS OPEN 38/45. CONT FR PAD. 71.7 BPM AT 4262 PSI. STAGE HYBOR PAD 71.2 BPM AT 4715 PSI. STAGE TO 2 PPA 20/40 WHITE. 71.1 BPM AT 4662 PSI. ON PERFS 71.3 BPM AT 4107 PSI. STAGE TO 3 PPA 20/40 WHITE. 70.4 BPM AT 4062 PSI. ON PERFS 71.3 BPM AT 4091 PSI. STAGE TO 3.5 PPA 20/40 WHITE. 71.2 BPM AT 4286 PSI. ON PERFS 71.2 BPM AT 4388 PSI. STAGE TO 4 PPA 20/40 WHITE. 71.3 BPM AT 4396 PSI. ON PERFS 71.1 BPM AT 4408 PSI. FLUSH 71.4 BPM AT 5050 PSI. WSI WITH 3300 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 3365, FG .78, MR 71.5 BPM, MP 5052 PSI, AR 71.2 BPM, AP 4363 PSI PMP 160,200 LBS 20/40 WHITE. 250 LBS SCALE SORB 3 SLK WTR 73,019 GAL 20# HYBOR G (16) 65,851 GAL TOTAL PMP 142,770 GAL BWTR 3399 BBLS</p>
09:43	1.50	11:13	PFRT	Perforating	<p>PERF STG 3- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 3 INTO LUB AND EQUALIZE 3100 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8957'-8979'. RUN DOWN AND SET CBP AT 9638' WITH 2700 PSI. PULL UP AND PERF CR-2 AND CR-3 FORM 9302'-9614' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2400 PSI.</p>
11:13	1.28	12:30	FRAC	Frac. Job	<p>FRAC STG 3- CR-2 AND CR-3 PERFS 9302'-9614'. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 2130 PSI AT 11:19 BREAK DOWN 2449 PSI AT 9.7 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 2454 PSI. FLUSH W/ 9082 GAL. 35.4 BPM AT 3361 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.4 BPM AT 4309 PSI. ISDP 2489. FG .70. PERFS OPEN 36/45. CONT FR PAD. 71.6 BPM AT 3990 PSI. STAGE HYBOR PAD 71.1 BPM AT 4403 PSI. STAGE TO 2 PPA 20/40 WHITE. 71.0 BPM AT 4371 PSI. ON PERFS 71.2 BPM AT 3822 PSI. STAGE TO 3 PPA 20/40 WHITE. 71.2 BPM AT 3802 PSI. ON PERFS 71.2 BPM AT 3575 PSI. STAGE TO 3.5 PPA 20/40 WHITE. 71.2 BPM AT 3634 PSI. ON PERFS 71.2 BPM AT 3531 PSI. STAGE TO 4 PPA 20/40 WHITE. 71.2 BPM AT 3571 PSI. ON PERFS 71.2 BPM AT 3524 PSI. FLUSH 71.4 BPM AT 4050 PSI. WSI WITH 2750 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 2901, FG .74, MR 71.9 BPM, MP 4404 PSI, AR 71.2 BPM, AP 3710 PSI PMP 149,800 LBS 20/40 WHITE. 250 LBS SCALE SORB 3 SLK WTR 64,265 GAL 20# HYBOR G (16) 65,068 GAL TOTAL PMP 133,233 GAL BWTR 3172 BBLS</p>
12:30	1.50	14:00	PFRT	Perforating	<p>PERF STG 4- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 4 INTO LUB AND EQUALIZE 3100 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8957'-8979'. RUN DOWN AND SET CBP AT 9296' WITH 2700 PSI. PULL UP AND PERF WASATCH AND CR-2 FORM 9028'-9278' WITH 42 HOLES IN 14' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2400 PSI.</p>



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
14:00	1.34	15:20	FRAC	Frac. Job	<p>FRAC STG 4- WASATCH AND CR-2 PERFS 9028'-9278'. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 2004 PSI AT 14:12 BREAK DOWN 2446 PSI AT 9.6 BPM. PMP 3900 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 10.2 BPM AT 2489 PSI. FLUSH W/ 8815 GAL. 35.2 BPM AT 3419 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.6 BPM AT 4158 PSI. ISDP 2479. FG .71. PERFS OPEN 39/42. CONT FR PAD. 72.1 BPM AT 4123 PSI. STAGE HYBOR PAD 71.8 BPM AT 4380 PSI. STAGE TO 2 PPA 20/40 WHITE. 71.7 BPM AT 4351 PSI. ON PERFS 71.7 BPM AT 3904 PSI. STAGE TO 3 PPA 20/40 WHITE. 71.8 BPM AT 3881 PSI. ON PERFS 71.7 BPM AT 3810 PSI. STAGE TO 3.5 PPA 20/40 WHITE. 71.7 BPM AT 3733 PSI. ON PERFS 71.2 BPM AT 3632 PSI. STAGE TO 4 PPA 20/40 WHITE. 71.6 BPM AT 3660 PSI. ON PERFS 71.6 BPM AT 3851 PSI. FLUSH 72.1 BPM AT 4320 PSI. WSI WITH 2430 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 2448, FG .71, MR 72.3 BPM, MP 4390 PSI, AR 71.8 BPM, AP 3896 PSI PMP 140,100 LBS 20/40 WHITE. 250 LBS SCALE SORB 3 SLK WTR 61,044 GAL 20# HYBOR G (16) 60,560 GAL TOTAL PMP 125,505 GAL BWTR 2988 BBLS</p>
15:20	1.25	16:35	PFRT	Perforating	<p>PERF STG 5- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 5 INTO LUB AND EQUALIZE 2400 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7780'-7802'. RUN DOWN AND SET CBP AT 9006' WITH 2350 PSI. PULL UP AND PERF CR-1 FORM 8716'-8986' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2100 PSI.</p>
16:35	1.42	18:00	FRAC	Frac. Job	<p>FRAC STG 5- CR-1 PERFS 8716'-8986'. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 2015 PSI AT 16:43 BREAK DOWN 2202 PSI AT 9.9 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.4 BPM AT 2203 PSI. FLUSH W/ 8510 GAL. 35.2 BPM AT 3038 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.3 BPM AT 3940 PSI. ISDP 2104. FG .68. PERFS OPEN 35/45. CONT FR PAD. 71.6 BPM AT 3549 PSI. STAGE TO .75 PPA 100 MESH. 69.8 BPM AT 3518 PSI. ON PERFS 70.2 BPM AT 3662 PSI. STAGE TO 1 PPA 20/40 WHITE. 70.1 BPM AT 3730 PSI. ON PERFS 70.2 BPM AT 3558 PSI. STAGE TO 2 PPA 20/40 WHITE. 70.2 BPM AT 3462 PSI. ON PERFS 70.5 BPM AT 3278 PSI. STAGE TO 3 PPA 20/40 WHITE. 70.5 BPM AT 3165 PSI. ON PERFS 70.5 BPM AT 3078 PSI. STAGE TO 3.5 PPA 20/40 WHITE. 70.4 BPM AT 3067 PSI. ON PERFS 70.4 BPM AT 3017 PSI. STAGE TO 4 PPA 20/40 WHITE. 70.3 BPM AT 2998 PSI. ON PERFS 70.3 BPM AT 3054 PSI. FLUSH 70.5 BPM AT 3445 PSI. WSI WITH 2200 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 2244, FG .69, MR 71.5 BPM, MP 3740 PSI, AR 70.3 BPM, AP 3317 PSI PMP 160,100 LBS 20/40 WHITE. 14,700 LBS 100 MESH 250 LBS SCALE SORB 3 SLK WTR 65,612 GAL 20# HYBOR G (16) 83,858 GAL TOTAL PMP 153,370 GAL BWTR 3652 BBLS</p>
18:00	1.50	19:30	PFRT	Perforating	<p>PERF STG 6- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 6 INTO LUB AND EQUALIZE 2100 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7780'-7802'. RUN DOWN AND SET CBP AT 8685' WITH 2000 PSI. PULL UP AND PERF CASTLE PEAK AND UTELAND BUTTE FORM 8457'-8669' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. WELL SHUT IN AND SECURE.</p>
19:30	10.49	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

**14-9D-36 BTR 6/6/2013 06:00 - 6/7/2013 06:00**

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	CTRL	Crew Travel	TRAVEL AFTER 10 OFF. AOL AT 08:10
08:00	0.50	08:30	SMTG	Safety Meeting	HSM. MUSTER AREA, EMERGENCY DRIVER, WORK AREA, SMOKING, TRAFFIC, PERF GUNS AND PHONE USE.
08:30	1.50	10:00	FRAC	Frac. Job	<p>FRAC STG 6- CASTLE PEAK AND UTELAND BUTTE PERFS 8457'-8669'. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 1143 PSI AT 08:40 BREAK DOWN 1849 PSI AT 10.4 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.4 BPM AT 1945 PSI. FLUSH W/ 8257 GAL. 35.2 BPM AT 2809 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.3 BPM AT 3478 PSI. ISDP 2086. FG .68. PERFS OPEN 42/45. CONT FR PAD. 71.1 BPM AT 3442 PSI. STAGE TO .75 PPA 100 MESH. 71.0 BPM AT 3841 PSI. ON PERFS 70.8 BPM AT 3665 PSI. STAGE TO 1 PPA 20/40 WHITE. 70.8 BPM AT 3662 PSI. ON PERFS 70.8 BPM AT 3519 PSI. STAGE TO 2 PPA 20/40 WHITE. 70.7 BPM AT 3456 PSI. ON PERFS 70.8 BPM AT 3200 PSI. STAGE TO 3 PPA 20/40 WHITE. 70.7 BPM AT 3218 PSI. ON PERFS 71.0 BPM AT 3133 PSI. STAGE TO 3.5 PPA 20/40 WHITE. 70.7 BPM AT 3097 PSI. ON PERFS 70.8 BPM AT 3028 PSI. STAGE TO 4 PPA 20/40 WHITE. 70.7 BPM AT 3013 PSI. ON PERFS 70.6 BPM AT 2966 PSI. FLUSH 71.0 BPM AT 3703 PSI. WSI WITH 2250 PSI. TURN OVER TO WIRELINE.</p> <p>ISDP 2271, FG .70, MR 71.4 BPM, MP 3697 PSI, AR 70.8 BPM, AP 3309 PSI PMP 160,100 LBS 20/40 WHITE. 14,700 LBS 100 MESH 250 LBS SCALE SORB 3 SLK WTR 66,075 GAL 20# HYBOR G (16) 82,468 GAL TOTAL PMP 152,443 GAL BWTR 3629 BBLS</p>
10:00	1.25	11:15	PFRT	Perforating	<p>PERF STG 7- PU EXELIS 5-1/2" CBP AND GUNS FOR STAGE 7 INTO LUB AND EQUALIZE 2400 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7780'-7802'. RUN DOWN AND SET CBP AT 8443' WITH 2350 PSI. PULL UP AND PERF BLACK SHALE AND CASTLE PEAK FORM 8219'-8423' WITH 42 HOLES IN 14' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 2100 PSI.</p>

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:15	2.25	13:30	FRAC	Frac. Job	FRAC STG - BLACK SHALE AND CASTLE PEAK PERFS 8219'-8423'. PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 1724 PSI AT 11:24 BREAK DOWN 1892 PSI AT 4.6 BPM. PMP 3900 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 10.3 BPM AT 1893 PSI. FLUSH W/ 8025 GAL. 35.2 BPM AT 2809 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 3830 PSI. ISDP 1928. FG .67. PERFS OPEN 33/42. CONT FR PAD. 72.5 BPM AT 3532 PSI. STAGE TO .75 PPA 100 MESH. 71.2 BPM AT 3547 PSI. ON PERFS 71.0 BPM AT 3291 PSI. STAGE TO 1 PPA 20/40 WHITE. 71.0 BPM AT 3599 PSI. ON PERFS 69.9 BPM AT 3469 PSI. STAGE TO 2 PPA 20/40 WHITE. 64.7 BPM AT 3161 PSI. ON PERFS 65.1 BPM AT 3093 PSI. STAGE TO 3 PPA 20/40 WHITE. 65.0 BPM AT 3046 PSI. ON PERFS 65.1 BPM AT 2895 PSI. STAGE TO 3.5 PPA 20/40 WHITE. 65.0 BPM AT 2871 PSI. ON PERFS 65.1 BPM AT 2807 PSI. STAGE TO 4 PPA 20/40 WHITE. 65.2 BPM AT 2803 PSI. ON PERFS 65.0 BPM AT 2751 PSI. FLUSH 65.4 BPM AT 3151 PSI. WSI WITH 2000 PSI. TURN OVER TO WIRELINE. ISDP 1928, FG .67, MR 72.2 BPM, MP 3611 PSI, AR 67.1 BPM, AP 3111 PSI PMP 149,820 LBS 20/40 WHITE. 15,260 LBS 100 MESH 250 LBS SCALE SORB 3 SLK WTR 61,711 GAL 20# HYBOR G (16) 80,632 GAL TOTAL PMP 146,243 GAL BWTR 3482 BBLs
13:30	1.50	15:00	WLWK	Wireline	SET KILL PLUG- PU 5-1/2" EXELIS CBP AND SETTING TOOLS INTO LUBE. EQUALIZE 2000 PSI. OPEN WELL. RIH AND CORRELATE TO SHORT JT 7780'-7802'. RUN DOWN AND SET KILL PLUG AT 8170' W/ 1900 PSI. BLEED WELL OFF AS POOH W/ SETTING TOOLS. SHUT IN AND SECURE WELL.
15:00	2.00	17:00	SRIG	Rig Up/Down	RDMO SLB AND HES.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	MOVE TANK FOR RIG. STACK WTR. MOVE TANKS TO 14-18D-45

14-9D-36 BTR 6/7/2013 06:00 - 6/8/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.50	08:30	SRIG	Rig Up/Down	MIRU RIG & EQUIPMENT.
08:30	4.00	12:30	BOPI	Install BOP's	SIWP- 0. N/D FRAC TREE. N/U BOP & HYDRILL. R/U FLOOR & EQUIPMENT. SPOT CATWALK & PIPE RACKS. BUNNING HAD PROBLEMS W/ TBG TRAILER. HAD TO WAIT ON TBG. LOAD 397 JTS ON RACKS & TALLY TBG.
12:30	3.00	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 @ 8170'
15:30	3.50	19:00	DOPG	Drill Out Plugs	R/U POWER SWIVEL. FILL HOLE. TEST CIRC EQUIPMENT & BOPE TO 2500 PSI, ALL HELD. SWIFN.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

14-9D-36 BTR 6/8/2013 06:00 - 6/9/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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	6.00	13:00	DOPG	Drill Out Plugs	R/U SWIVEL. BREAK CIRC. D/O KILL PLUG @ 8170'. FCP- 300 ON 30/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 8422'. C/O SAND & D/O CBP @ 8443'. FCP- 300 ON 30/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 8606'. C/O SAND & D/O CBP @ 8685'. FCP- 150 ON 64/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 8988'. C/O SAND & D/O CBP @ 9006'. FCP- 250 ON 64/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 9269'. C/O SAND & D/O CBP @ 9296'. FCP- 200 ON 64/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 9586'. C/O SAND & D/O CBP @ 9638'. FCP- 200 ON 64/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 9873'. C/O SAND & D/O CBP @ 9976'. FCP- 200 ON 30/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 10,277'. C/O TO FLOAT COLLAR @ 10,407'. D/O F/C. D/O CMT TO 10,461' PBD. JT 328 ALL THE WAY IN. CIRC WELL CLEAN. PUMPED 350 BBLs TOTAL. R/D SWIVEL
13:00	1.50	14:30	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 8122' & LAND TBG. 255 JTS TOTAL IN HOLE.
14:30	1.50	16:00	IWHD	Install Wellhead	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF. R/U TO SALES LINE. TURN OVER TO FLOW BACK.
16:00	3.00	19:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. MOL. RIG STAGE ON 15-7-2-2. SDFN.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. TBG FLOWING TO SALES.

14-9D-36 BTR 6/21/2013 06:00 - 6/22/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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	3.50	10:30	RMOV	Rig Move	HAD MOVED WINCH TRUCK AND T-SEAL TO 13-10-3-2. MOVE WINCH TRUCK AND RIG FROM 1-30-36 TO LOCATION. SPOT IN AND RUSU.
10:30	6.00	16:30	WKLL	Kill Well	PUMP 60 BBLs DOWN TBG. PUMP 80 BBLs DOWN CSG. FOUND BAD MASTER VALVE ON CSG NOT LETTING WELL BLOW DOWN. PUMP TILL CSG DEAD. CHANGE OUT CSG VAVLE. ND WH. NU BOP RU FLOOR.
16:30	2.00	18:30	PULT	Pull Tubing	POOH W/ 180-JTS TBG. SDFN
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. SECURE WELL WITH CSG OPEN TO TREATER.

14-9D-36 BTR 6/22/2013 06:00 - 6/23/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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	2.00	09:00	PULT	Pull Tubing	CONT POOH W/ TBG. TOTAL OUT- 254-JTS 2-7/8", 2.31 XN, 1-JT TBG, POBS.
09:00	1.50	10:30	RUTB	Run Tubing	MU PROD BHA AND RIH ON TBG. TBG DETAIL HANGER 249-JTS 2-7/8" L-80 TBG 5-1/2" 1/4 SET TAC AT 7931.90 2 JTS 2-7/8" L-80 TBG 2.25" TBG PUMP BBL AT 8038.54 4' TBG SUB 3-1/2" DESANDER 5-JTS 2-7/8" L-80 TBG BP EOT AT 8219.59
10:30	1.00	11:30	GOP	General Operations	RD FLOOR. ND BOP. SET TAC. NU WH.
11:30	1.00	12:30	GOP	General Operations	FLUSH TBG W/ 50 BBLs. DROP STANDING VALVE. PUMP 10 BBLs.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
12:30	4.50	17:00	RURP	Run Rods & Pump	PU 2.25" TBG PUMP PLUNGER AND 40' POLISH ROD. RIH ON RODS ROD DETAIL 1-1/2" X 40' POLISH ROD 6', 8' X 1" MMS PONY RODS 110) 1" MMS W/ 4G 104) 7/8" MMS W/ 4G 79) 3/4" MMS W/ 4G 24) 1" MMS W/ 4G 1-1/2" X 40' POLISH ROD 2.25" TBG PUMP PLUNGER
17:00	1.00	18:00	GOP	General Operations	SPACE OUT. FILL AND TEST TO 1000#. GOOD.
18:00	0.50	18:30	GOP	General Operations	TO WINDY TO RDSU. PREP TO RD IN AM. CLEAN UP LOCATION. SDFN
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
1420H626417

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

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
14-9D-36 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. **43-013-51144**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SESW 1160FSL 1735FWL**
 At top prod interval reported below **SESW 809FSL 1999FWL**
 At total depth **SESW 777FSL 1991FWL**

10. Field and Pool, or Exploratory **CEDAR RIM**
 11. Sec., T., R., M., or Block and Survey or Area **Sec 9 T3S R6W Mer UBM**
 12. County or Parish **DUCHESNE** 13. State **UT**

14. Date Spudded **04/15/2013** 15. Date T.D. Reached **05/04/2013** 16. Date Completed **06/08/2013**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* **6263 GL**

18. Total Depth: MD **10528** TVD **10492** 19. Plug Back T.D.: MD **10409** TVD **10373** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

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

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 COND	65.0	0	80	80				
12.250	9.625 J-55	36.0	0	3825	3821	900	428	0	
8.750	5.500 P110	17.0	0	10528	10499	1565	545	4860	

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	8220							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	8219	8986	8219 TO 8986	0.360	132	OPEN
B) WASATCH	9028	10350	9028 TO 10350	0.360	189	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8219 TO 8986	GREEN RIVER SEE ATTACHED STAGES 5-7
9028 TO 10350	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
06/08/2013	06/14/2013	24	→	118.0	7.0	281.0	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	
26/64	SI	700.0	→	118	7	281	59	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 #212555 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	4442
				MAHOGANY	5216
				TGR3	6679
				DOUGLAS CREEK	7470
				BLACK SHALE	8032
				CASTLE PEAK	8244
				UTELAND BUTTE	8595
				WASATCH	9024

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 6/8/2013, first oil sales were on 6/27/2013.

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 #212555 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 07/03/2013

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: Jul. 03, 2013

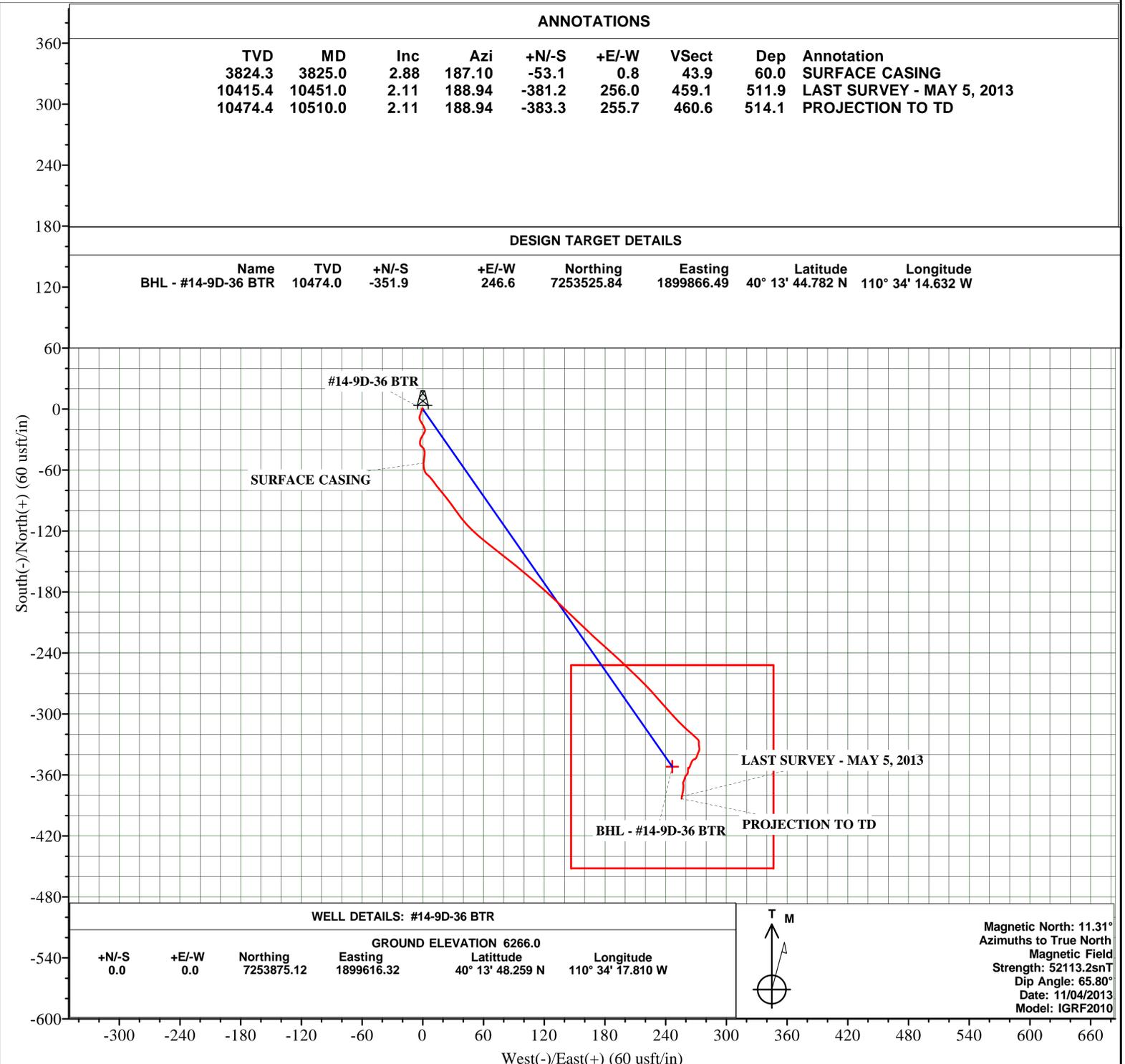
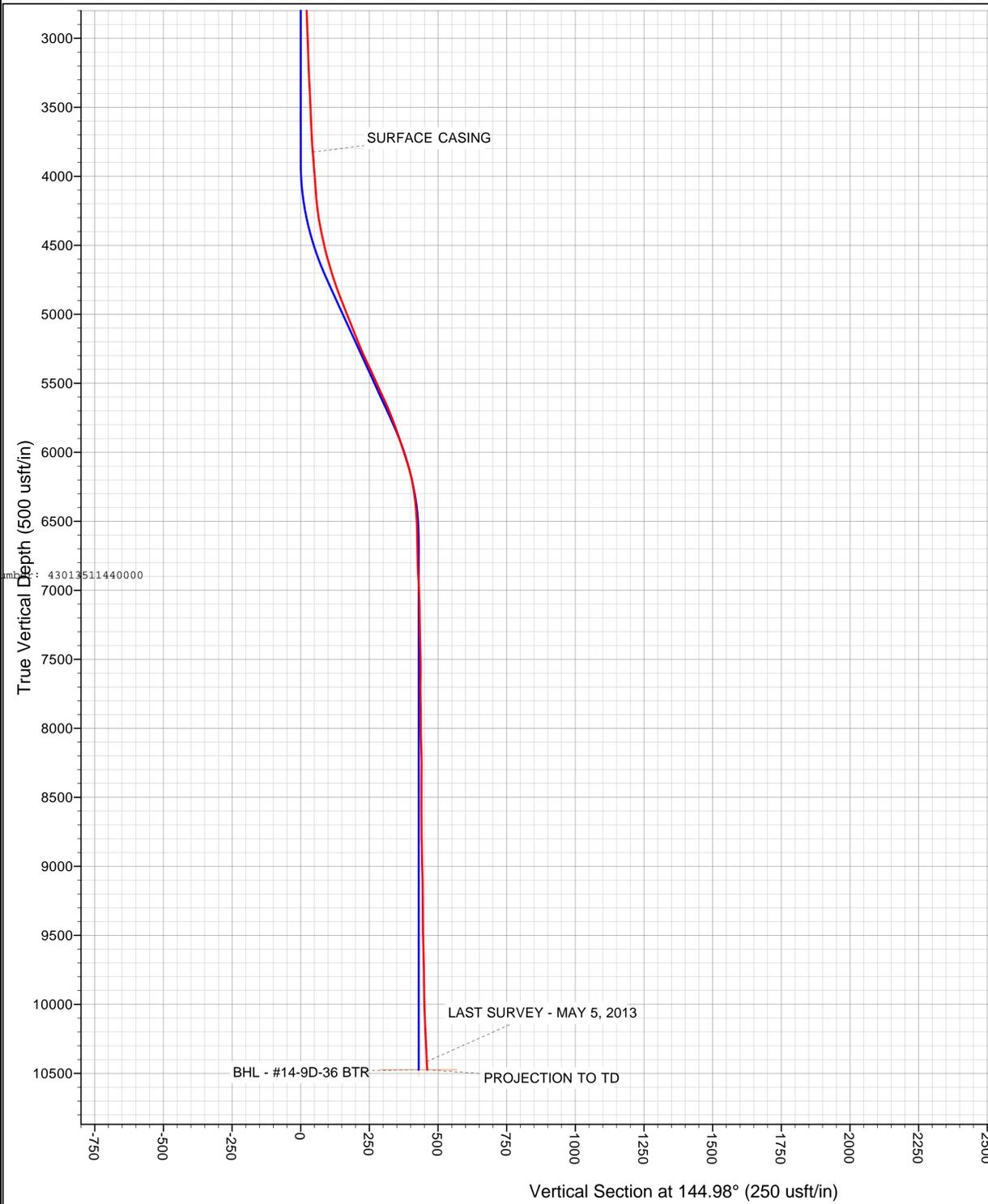
14-9D-36 BTR Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)					
AMOUNT AND TYPE OF MATERIAL					
<u>Stage</u>	<u>BBS Slurry</u>	<u>lbs 100 Common Mesh</u>	<u>lbs 20/40 SLC</u>	<u>lbs 20/40 White Sand</u>	<u>gal 15% HCl Acid</u>
1	3288		160000		3900
2	3272			160000	3900
3	3081			150000	3900
4	2894			140000	3900
5	3547	14773		160000	3900
6	3528	14737		160000	3900
7	3331	13858		150000	3900

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



Project: UTAH (DUCHESNE COUNTY - NAD 83)
 Site: SEC. 9 T4S R5W U.S.B. & M
 Well: #14-9D-36 BTR
 Wellbore: JOB # 2009-179
 Design: FINAL SURVEYS



Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #14-9D-36 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6284.0usft (SST 17)
Site:	SEC. 9 T4S R5W U.S.B. & M	MD Reference:	KB @ 6284.0usft (SST 17)
Well:	#14-9D-36 BTR	North Reference:	True
Wellbore:	JOB # 2009-179	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. 9 T4S R5W U.S.B. & M				
Site Position:		Northing:	7,226,064.68 usft	Latitude:	40° 9' 10.091 N
From:	Lat/Long	Easting:	1,930,363.54 usft	Longitude:	110° 27' 45.540 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.66 °

Well	#14-9D-36 BTR					
Well Position	+N/-S	0.0 usft	Northing:	7,253,875.12 usft	Latitude:	40° 13' 48.259 N
	+E/-W	0.0 usft	Easting:	1,899,616.32 usft	Longitude:	110° 34' 17.810 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	6,266.0 usft

Wellbore	JOB # 2009-179				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/04/2013	11.31	65.80	52,113

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	144.98	

Survey Program	Date	05/05/2013			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
150.0	10,510.0	FINAL SURVEYS (JOB # 2009-179)	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	6,284.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
150.0	0.04	281.31	150.0	6,134.0	0.0	-0.1	0.0	0.03	0.03	0.03	0.00
243.0	0.09	352.41	243.0	6,041.0	0.1	-0.1	-0.1	0.09	0.05	76.45	
333.0	0.13	19.66	333.0	5,951.0	0.3	-0.1	-0.2	0.07	0.04	30.28	
426.0	0.13	320.77	426.0	5,858.0	0.4	-0.1	-0.4	0.14	0.00	-63.32	
489.0	0.18	330.26	489.0	5,795.0	0.6	-0.2	-0.6	0.09	0.08	15.06	
583.0	0.00	281.31	583.0	5,701.0	0.7	-0.3	-0.7	0.19	-0.19	0.00	
675.0	0.13	267.34	675.0	5,609.0	0.7	-0.4	-0.8	0.14	0.14	0.00	
769.0	0.18	205.46	769.0	5,515.0	0.6	-0.5	-0.8	0.18	0.05	-65.83	
863.0	0.44	195.18	863.0	5,421.0	0.1	-0.7	-0.5	0.28	0.28	-10.94	
958.0	0.48	200.71	958.0	5,326.0	-0.6	-0.9	0.0	0.06	0.04	5.82	
1,053.0	0.53	197.73	1,053.0	5,231.0	-1.4	-1.2	0.5	0.06	0.05	-3.14	
1,148.0	0.70	196.06	1,148.0	5,136.0	-2.4	-1.5	1.1	0.18	0.18	-1.76	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #14-9D-36 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6284.0usft (SST 17)
Site:	SEC. 9 T4S R5W U.S.B. & M	MD Reference:	KB @ 6284.0usft (SST 17)
Well:	#14-9D-36 BTR	North Reference:	True
Wellbore:	JOB # 2009-179	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)	
1,243.0	0.62	201.15	1,243.0	5,041.0	-3.4	-1.8	1.8	0.10	-0.08	5.36	
1,337.0	0.53	187.44	1,337.0	4,947.0	-4.4	-2.1	2.4	0.17	-0.10	-14.59	
1,432.0	0.62	205.64	1,432.0	4,852.0	-5.3	-2.4	2.9	0.21	0.09	19.16	
1,527.0	0.66	202.65	1,527.0	4,757.0	-6.2	-2.8	3.5	0.05	0.04	-3.15	
1,621.0	0.70	193.24	1,621.0	4,663.0	-7.3	-3.1	4.2	0.13	0.04	-10.01	
1,716.0	0.79	171.18	1,715.9	4,568.1	-8.5	-3.2	5.1	0.31	0.09	-23.22	
1,810.0	1.05	174.87	1,809.9	4,474.1	-10.0	-3.0	6.5	0.28	0.28	3.93	
1,905.0	1.41	148.16	1,904.9	4,379.1	-11.8	-2.3	8.4	0.70	0.38	-28.12	
1,999.0	0.75	146.93	1,998.9	4,285.1	-13.3	-1.4	10.2	0.70	-0.70	-1.31	
2,094.0	0.88	140.16	2,093.9	4,190.1	-14.4	-0.6	11.5	0.17	0.14	-7.13	
2,189.0	0.88	158.44	2,188.9	4,095.1	-15.7	0.2	12.9	0.29	0.00	19.24	
2,283.0	1.41	157.82	2,282.9	4,001.1	-17.4	0.9	14.8	0.56	0.56	-0.66	
2,378.0	1.01	143.23	2,377.8	3,906.2	-19.2	1.8	16.7	0.53	-0.42	-15.36	
2,473.0	0.83	181.29	2,472.8	3,811.2	-20.5	2.3	18.1	0.66	-0.19	40.06	
2,568.0	1.23	202.30	2,567.8	3,716.2	-22.2	1.9	19.2	0.57	0.42	22.12	
2,663.0	1.49	209.68	2,662.8	3,621.2	-24.2	0.9	20.3	0.33	0.27	7.77	
2,758.0	1.80	211.79	2,757.7	3,526.3	-26.5	-0.5	21.4	0.33	0.33	2.22	
2,853.0	1.85	208.71	2,852.7	3,431.3	-29.1	-2.0	22.7	0.12	0.05	-3.24	
2,947.0	1.40	177.25	2,946.7	3,337.3	-31.6	-2.7	24.3	1.04	-0.48	-33.47	
3,042.0	1.14	185.77	3,041.6	3,242.4	-33.7	-2.7	26.0	0.34	-0.27	8.97	
3,138.0	0.97	159.05	3,137.6	3,146.4	-35.4	-2.5	27.5	0.54	-0.18	-27.83	
3,233.0	1.36	123.19	3,232.6	3,051.4	-36.8	-1.3	29.4	0.85	0.41	-37.75	
3,328.0	1.41	139.63	3,327.6	2,956.4	-38.3	0.4	31.6	0.42	0.05	17.31	
3,422.0	1.32	162.75	3,421.5	2,862.5	-40.2	1.5	33.8	0.59	-0.10	24.60	
3,515.0	1.49	177.86	3,514.5	2,769.5	-42.4	1.8	35.8	0.44	0.18	16.25	
3,609.0	1.63	184.98	3,608.5	2,675.5	-45.0	1.8	37.9	0.25	0.15	7.57	
3,697.0	1.97	187.71	3,696.4	2,587.6	-47.7	1.5	39.9	0.40	0.39	3.10	
3,767.0	2.46	187.35	3,766.4	2,517.6	-50.4	1.1	41.9	0.70	0.70	-0.51	
SURFACE CASING											
3,825.0	2.88	187.10	3,824.3	2,459.7	-53.1	0.8	43.9	0.72	0.72	-0.43	
3,828.0	2.90	187.09	3,827.3	2,456.7	-53.2	0.7	44.0	0.72	0.72	-0.36	
3,923.0	2.64	168.27	3,922.2	2,361.8	-57.8	0.9	47.8	0.99	-0.27	-19.81	
4,019.0	2.33	155.36	4,018.1	2,265.9	-61.7	2.2	51.8	0.66	-0.32	-13.45	
4,113.0	1.85	126.89	4,112.1	2,171.9	-64.4	4.2	55.1	1.20	-0.51	-30.29	
4,209.0	3.25	136.20	4,208.0	2,076.0	-67.2	7.3	59.3	1.52	1.46	9.70	
4,304.0	4.61	145.17	4,302.7	1,981.3	-72.3	11.3	65.7	1.57	1.43	9.44	
4,399.0	5.97	140.33	4,397.3	1,886.7	-79.3	16.7	74.5	1.51	1.43	-5.09	
4,494.0	6.33	140.95	4,491.8	1,792.2	-87.1	23.1	84.6	0.39	0.38	0.65	
4,589.0	8.00	144.90	4,586.0	1,698.0	-96.6	30.2	96.5	1.83	1.76	4.16	
4,684.0	8.48	142.53	4,680.1	1,603.9	-107.6	38.3	110.1	0.62	0.51	-2.49	
4,779.0	9.84	133.48	4,773.9	1,510.1	-118.7	48.4	125.0	2.08	1.43	-9.53	
4,874.0	11.43	129.17	4,867.2	1,416.8	-130.3	61.6	142.0	1.87	1.67	-4.54	
4,969.0	12.17	127.33	4,960.2	1,323.8	-142.3	76.9	160.6	0.87	0.78	-1.94	
5,063.0	11.69	129.17	5,052.2	1,231.8	-154.3	92.1	179.2	0.65	-0.51	1.96	
5,159.0	11.69	130.05	5,146.2	1,137.8	-166.7	107.1	198.0	0.19	0.00	0.92	
5,253.0	12.04	132.60	5,238.2	1,045.8	-179.5	121.6	216.8	0.67	0.37	2.71	
5,349.0	13.58	132.77	5,331.8	952.2	-193.9	137.3	237.6	1.60	1.60	0.18	
5,443.0	13.40	134.71	5,423.2	860.8	-209.1	153.1	259.1	0.52	-0.19	2.06	
5,539.0	13.05	131.81	5,516.7	767.3	-224.1	169.1	280.6	0.78	-0.36	-3.02	
5,634.0	13.49	131.98	5,609.1	674.9	-238.7	185.3	301.8	0.46	0.46	0.18	
5,729.0	11.91	133.39	5,701.8	582.2	-252.8	200.7	322.2	1.69	-1.66	1.48	
5,824.0	10.77	133.92	5,794.9	489.1	-265.7	214.2	340.5	1.20	-1.20	0.56	
5,919.0	9.67	138.05	5,888.4	395.6	-277.8	226.0	357.2	1.39	-1.16	4.35	

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #14-9D-36 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6284.0usft (SST 17)
Site:	SEC. 9 T4S R5W U.S.B. & M	MD Reference:	KB @ 6284.0usft (SST 17)
Well:	#14-9D-36 BTR	North Reference:	True
Wellbore:	JOB # 2009-179	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)
6,014.0	9.54	139.01	5,982.1	301.9	-289.7	236.4	372.9	0.22	-0.14	1.01
6,109.0	9.14	136.91	6,075.8	208.2	-301.1	246.8	388.2	0.55	-0.42	-2.21
6,204.0	6.94	134.51	6,169.9	114.1	-310.7	256.0	401.3	2.34	-2.32	-2.53
6,297.0	4.79	130.14	6,262.4	21.6	-317.1	263.0	410.6	2.36	-2.31	-4.70
6,391.0	3.03	133.92	6,356.2	-72.2	-321.4	267.8	416.8	1.89	-1.87	4.02
6,485.0	2.24	130.40	6,450.1	-166.1	-324.3	271.0	421.1	0.86	-0.84	-3.74
6,580.0	1.10	162.92	6,545.0	-261.0	-326.3	272.7	423.7	1.52	-1.20	34.23
6,675.0	0.13	178.65	6,640.0	-356.0	-327.3	272.9	424.7	1.03	-1.02	16.56
6,770.0	0.62	190.08	6,735.0	-451.0	-327.9	272.8	425.1	0.52	0.52	12.03
6,863.0	1.54	179.44	6,828.0	-544.0	-329.7	272.8	426.5	1.01	0.99	-11.44
6,958.0	1.80	166.79	6,923.0	-639.0	-332.4	273.1	429.0	0.47	0.27	-13.32
7,052.0	1.10	183.58	7,016.9	-732.9	-334.7	273.4	431.0	0.86	-0.74	17.86
7,145.0	1.36	203.53	7,109.9	-825.9	-336.7	272.9	432.3	0.53	0.28	21.45
7,240.0	0.88	212.93	7,204.9	-920.9	-338.3	272.0	433.2	0.54	-0.51	9.89
7,335.0	0.79	193.24	7,299.9	-1,015.9	-339.5	271.5	433.9	0.31	-0.09	-20.73
7,430.0	1.45	198.17	7,394.9	-1,110.9	-341.3	271.0	435.0	0.70	0.69	5.19
7,525.0	1.23	209.24	7,489.9	-1,205.9	-343.4	270.1	436.2	0.36	-0.23	11.65
7,620.0	0.75	246.77	7,584.8	-1,300.8	-344.5	269.0	436.5	0.82	-0.51	39.51
7,715.0	0.97	265.23	7,679.8	-1,395.8	-344.8	267.7	436.0	0.37	0.23	19.43
7,810.0	1.19	201.68	7,774.8	-1,490.8	-345.8	266.5	436.1	1.21	0.23	-66.89
7,905.0	0.92	208.36	7,869.8	-1,585.8	-347.4	265.8	437.0	0.31	-0.28	7.03
8,001.0	0.18	264.52	7,965.8	-1,681.8	-348.1	265.3	437.3	0.87	-0.77	58.50
8,095.0	1.19	195.44	8,059.8	-1,775.8	-349.0	264.8	437.8	1.21	1.07	-73.49
8,191.0	1.54	200.45	8,155.8	-1,871.8	-351.2	264.1	439.2	0.38	0.36	5.22
8,284.0	1.01	203.53	8,248.7	-1,964.7	-353.1	263.4	440.3	0.57	-0.57	3.31
8,378.0	0.53	339.85	8,342.7	-2,058.7	-353.5	262.9	440.3	1.53	-0.51	145.02
8,474.0	0.22	321.04	8,438.7	-2,154.7	-352.9	262.6	439.7	0.34	-0.32	-19.59
8,569.0	0.13	247.30	8,533.7	-2,249.7	-352.8	262.4	439.5	0.23	-0.09	-77.62
8,664.0	0.31	203.97	8,628.7	-2,344.7	-353.1	262.2	439.6	0.25	0.19	-45.61
8,759.0	0.35	170.48	8,723.7	-2,439.7	-353.6	262.1	440.0	0.20	0.04	-35.25
8,854.0	0.48	189.64	8,818.7	-2,534.7	-354.3	262.1	440.6	0.20	0.14	20.17
8,948.0	0.79	180.06	8,912.7	-2,628.7	-355.3	262.1	441.4	0.35	0.33	-10.19
9,043.0	1.19	181.99	9,007.7	-2,723.7	-357.0	262.0	442.7	0.42	0.42	2.03
9,137.0	0.88	202.47	9,101.7	-2,817.7	-358.6	261.7	443.9	0.51	-0.33	21.79
9,232.0	0.83	227.17	9,196.7	-2,912.7	-359.7	260.9	444.4	0.39	-0.05	26.00
9,326.0	0.53	225.06	9,290.7	-3,006.7	-360.5	260.1	444.5	0.32	-0.32	-2.24
9,420.0	0.66	208.54	9,384.7	-3,100.7	-361.3	259.6	444.8	0.23	0.14	-17.57
9,515.0	0.79	196.67	9,479.7	-3,195.7	-362.4	259.1	445.5	0.21	0.14	-12.49
9,610.0	1.23	193.68	9,574.6	-3,290.6	-364.0	258.7	446.6	0.47	0.46	-3.15
9,705.0	1.10	206.87	9,669.6	-3,385.6	-365.8	258.0	447.7	0.31	-0.14	13.88
9,800.0	0.92	198.96	9,764.6	-3,480.6	-367.4	257.4	448.5	0.24	-0.19	-8.33
9,894.0	0.26	166.17	9,858.6	-3,574.6	-368.3	257.2	449.2	0.76	-0.70	-34.88
9,989.0	0.57	156.86	9,953.6	-3,669.6	-368.9	257.4	449.9	0.33	0.33	-9.80
10,084.0	1.14	178.30	10,048.6	-3,764.6	-370.3	257.6	451.1	0.68	0.60	22.57
10,178.0	1.71	184.98	10,142.6	-3,858.6	-372.6	257.5	453.0	0.63	0.61	7.11
10,271.0	1.80	187.53	10,235.5	-3,951.5	-375.5	257.2	455.1	0.13	0.10	2.74
10,366.0	1.76	195.79	10,330.5	-4,046.5	-378.4	256.6	457.1	0.27	-0.04	8.69
LAST SURVEY - MAY 5, 2013										
10,451.0	2.11	188.94	10,415.4	-4,131.4	-381.2	256.0	459.1	0.49	0.41	-8.06
PROJECTION TO TD										
10,510.0	2.11	188.94	10,474.4	-4,190.4	-383.3	255.7	460.6	0.00	0.00	0.00

Survey Report



Company:	BILL BARRETT CORPORATION	Local Co-ordinate Reference:	Well #14-9D-36 BTR
Project:	UTAH (DUCHESNE COUNTY - NAD 83)	TVD Reference:	KB @ 6284.0usft (SST 17)
Site:	SEC. 9 T4S R5W U.S.B. & M	MD Reference:	KB @ 6284.0usft (SST 17)
Well:	#14-9D-36 BTR	North Reference:	True
Wellbore:	JOB # 2009-179	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEYS	Database:	EDM 5000.1 Single User Db

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
BHL - #14-9D-36 BTR	0.00	0.00	10,474.0	-351.9	246.6	7,253,525.84	1,899,866.49	40° 13' 44.782 N	110° 34' 14.632 W
- survey misses target center by 32.7usft at 10508.5usft MD (10472.9 TVD, -383.2 N, 255.7 E)									
- Rectangle (sides W200.0 H200.0 D0.0)									

Survey Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(usft)	(usft)	+N/-S	+E/-W		
		(usft)	(usft)		
3,825.0	3,824.3	-53.1	0.8	SURFACE CASING	
10,451.0	10,415.4	-381.2	256.0	LAST SURVEY - MAY 5, 2013	
10,510.0	10,474.4	-383.3	255.7	PROJECTION TO TD	

Checked By: _____ Approved By: _____ Date: _____

**14-9D-36 BTR 4/16/2013 06:00 - 4/17/2013 06:00**

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RD/MIRU/MOVED & SET UP CAMPS/RD TOPDRIVE, GAS BUSTER, CHOKE HOUSE, MUD PUMPS, SCR HOUSE, GEN SETS, WATER PUMPS & TANK, MUD PITS, UPRIGHTS, LAY DERRICK OVER,/SET MATTING BOARDS FOR SUBSTRUCTURE.	
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	

14-9D-36 BTR 4/17/2013 06:00 - 4/18/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RD/MIRU/ RD, DERRICK OFF SUB, SPLIT SUBS, PUMPS/MIRU, PITS, PRE-MIX, PUMPS, SET MATS, & SKID RAILS/HAUL UPRIGHTS, CEMENT SILOS, KOOMEY, GEN SETS, DRAW WORKS, SUBSTRUCTURE, BOILER, BIT HOUSE, GAS BUSTER, CHOKE HOUSE	
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	

14-9D-36 BTR 4/18/2013 06:00 - 4/19/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RU/SET SUBS, WATER TANK, SCR HOUSE, GEN SETS, PARTS HOUSE, KOOMEY HOUSE, RUN POWER, WATER, STEAM, SET DOG HOUSE, DERRICK ON SUB, FUEL TANKS, CHOKE HOUSE, UPRIGHTS, BAR HOPPER, YELLOW DOG.	
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WAIT ON DAYLIGHT	

14-9D-36 BTR 4/19/2013 06:00 - 4/20/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RU, RAISE DERRICK, TOP DRIVE & TRACK, FLOOR, CUT 165' OF DRLG LINE, WINTERIZING, SET UPRIGHTS, PIPE TUBS/{SERIOUS NOTE ON TRUCKING COMPANY JD FIELDS" WAITED 3.5 HOURS ON TOP DRIVE, 12.5 HOURS FOR FORK LIFT, 5 HOURS ON PIPE TUBS/TRUCK PUSHER INFORMED CO-MAN THAT DISPATCH PULLED ALL THE TRUCKS OFF RIG MOVE CAUSING A MIINIMUM OF 12 HOUR DELAY IN SPUDDING SURFACE.}	
18:00	12.00	06:00	1	RIGUP & TEARDOWN	RU, WIND WALLS, 4" MUD LINE, STEAM HEATERS, WATER, WORK ON GUN LINES, CHANGE OIL #1 & #3 MOTORS, CONDUCTOR, DRLG NIPPLE, FLOW LINE, FILL PRE-MIX & MUD TANKS W/H2O, STAIRS & HAND RAILS, SUPER CHOKE, MOUSE HOLE	

14-9D-36 BTR 4/20/2013 06:00 - 4/21/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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	1	RIGUP & TEARDOWN	RU, MIX SPUD MUD, UN LOAD CASING, GAS BUSTER & FLARE LINES, IGNITOR, KOOMEY LINES/PRE-SPUD INSPECTION	
16:00	1.50	17:30	1	RIGUP & TEARDOWN	STRAP, I.D., O.D., & FISHNECKS ON BHA AND PUT ON RACKS/DAY WORK STARTED @ 16:00 ON 4/20/13	
17:30	2.50	20:00	20	DIRECTIONAL WORK	MU, DIRECTIONAL TOOLS, SCRIBE & ORIENTATE, MU BIT	
20:00	10.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 98'-831'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 73.3	

14-9D-36 BTR 4/21/2013 06:00 - 4/22/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	6.00	12:00	2	DRILL ACTUAL	DRILL ACTUAL/ 831'-1,234'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 67.16	
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE	
12:30	1.00	13:30	6	TRIPS	PUMP FLAG/TOOH F/WASH OUT/LD WASHED JT D.P./TIH	
13:30	16.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 1,234'-2,045'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 49.15	

14-9D-36 BTR 4/22/2013 06:00 - 4/23/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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/ 2,045'-2,070'/ WOB 10K-15K/PUMP #1 100 / PUMP #2 100/ ROT RPM 45/ BIT RPM 121/ ROP 50/LOST FLOW @2,070'	
06:30	2.00	08:30	5	COND MUD & CIRC	BUILD VOL & SPOT 50% LCM PILLS/BRING MUD UP TO 15% LCM	
08:30	1.00	09:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,070'-2,145'/ WOB 10K-15K/PUMP #1 65 / PUMP #2 65/ ROT RPM 45/ BIT RPM 78/ ROP 75/LOST FLOW @2,145'	
09:30	7.00	16:30	5	COND MUD & CIRC	BUILD VOLUME & BRING LCM UP TO 35%-40%/PUMP 50% LCM PILLS DOWN HOLE WHILE BUILDING VOLUME	
16:30	2.50	19:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,145'-2,212'/ WOB 10K-15K/PUMP #1 65 / PUMP #2 65/ ROT RPM 45/ BIT RPM 78/ ROP 33.5	
19:00	3.50	22:30	6	TRIPS	TOOH W/ BIT #1/XO BIT	
22:30	3.50	02:00	6	TRIPS	TIH W/ BIT #2/BREAK CIRC @ 927' & 2,156'/WASH TO BTM	
02:00	4.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,212'-2,345'/ WOB 10K-15K/PUMP #1 0 / PUMP #2 120/ ROT RPM 45/ BIT RPM 78/ ROP 33.25	

14-9D-36 BTR 4/23/2013 06:00 - 4/24/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	8.50	14:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,345'-2,535'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 22.35	
14:30	0.50	15:00	7	LUBRICATE RIG	RIG SERVICE	
15:00	12.50	03:30	2	DRILL ACTUAL	DRILL ACTUAL/ 2,535'-2,832'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 23.76	
03:30	2.50	06:00	6	TRIPS	TOOH W/ BIT #2	

14-9D-36 BTR 4/24/2013 06:00 - 4/25/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	6	TRIPS	TOOH W/ BIT #2	
07:00	1.00	08:00	20	DIRECTIONAL WORK	CHANGE OUT BIT & MUD MTR/SCRIBE & ORIENTATE	
08:00	2.00	10:00	6	TRIPS	TIH W/ BIT #3	
10:00	7.00	17:00	2	DRILL ACTUAL	DRILL ACTUAL/ 2,832'-3,108'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 39.42	
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE	
17:30	5.50	23:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,108'-3,335'/ WOB 10K-15K/PUMP #1 85 / PUMP #2 85/ ROT RPM 45/ BIT RPM 103/ ROP 41.27/LOST RETURNS @ 3,334'	
23:00	3.00	02:00	5	COND MUD & CIRC	LOST RETURNS/BUILD VOL/SPOT 50% LCM SWEEPS	
02:00	1.00	03:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,335'-3,360'/ WOB 10K-15K/PUMP #1 0/ PUMP #2 110/ ROT RPM 45/ BIT RPM 78/ ROP 50	
03:00	3.00	06:00	5	COND MUD & CIRC	BUILD VOL/SPOT 50% LCM PILLS	

14-9D-36 BTR 4/25/2013 06:00 - 4/26/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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	5	COND MUD & CIRC	BUILD VOLUME TO 750BBLs 40% LCM	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	0.50	07:30	2	DRILL ACTUAL	DRILL ACTUAL/ 3,360'-3,381'/ WOB 20K-25K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 75/ ROP 42
07:30	7.00	14:30	5	COND MUD & CIRC	BUILD VOLUME TO750BBLs 50% LCM/SPOT 60% LCM SWEEPS AN HOUR APART/REGAINED FLOW/MIX LCM
14:30	15.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL/ 3,381'-3,700'/ WOB 20K-25K/PUMP #1 0/ PUMP #2 120/ ROT RPM 45/ BIT RPM 75/ ROP 20.58

14-9D-36 BTR 4/26/2013 06:00 - 4/27/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	DRLG F/ 3700' TO 3735' (35' IN 3 HR = 11.6 FPH) . ROTATING
09:00	6.00	15:00	6	TRIPS	TOOH, X/O BIT, TIH
15:00	4.00	19:00	2	DRILL ACTUAL	DRLG F/ 3735' TO 3725'@ 22.5 FPH ROTATING.
19:00	1.00	20:00	5	COND MUD & CIRC	CIRC. SWEEP. COND F/ CASING
20:00	3.00	23:00	6	TRIPS	TOOH L/D 8" TOOLS
23:00	1.50	00:30	12	RUN CASING & CEMENT	SWAP BAILS, RIG UP FRANKS CASING, HSM,
00:30	4.00	04:30	12	RUN CASING & CEMENT	RUN CASING. FS (1.50), SHOE JT (38.61), FC (1.50), 93 JTS 9 5/8" 36# J55 LT&C CASING (3783.57). LANDED 3821'. MADE W/ BESOLIFE DOPE TO 4530 FT/LB.
04:30	1.00	05:30	5	COND MUD & CIRC	CIRC.
05:30	0.50	06:00	12	RUN CASING & CEMENT	HSM, SWAP TO HES AND CEMENT. DETAILS ON NEXT REPORT

14-9D-36 BTR 4/27/2013 06:00 - 4/28/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	12	RUN CASING & CEMENT	CEMENT. 20 BLS H2O, 40 BLS SUPER FLUSH, 20 BLS H2O 660 SKS HLC PREMIUM 371 BL 11# 3.16 YEILD W/ 5 LB SILCALITE .125 LB POLY-E-FLAKE, .25 LB KWIK SEAL. TAILED W/ 240 SKS PREMIUM PLUS TYPE III 57 BLS 14.8# 1.33 YEILD W/ .125 LB POLY-E-FLAKE. DISPLACED W/ 165 BLS H2O. BUMP PLUG FLOATS HELD. LOST RETURN WHILE DROPIING PLUG. VALVES ON DISPLACE MENT TANKS NOT WORKING. COULD NOT TELL HOW MUCH WE WERE DISPLACING. BROUGHT SMALL TRUCK WITH ONLY 1 PUMP. PUMP HAMMERING. MABE PUMPING @ 60%.
09:00	0.50	09:30	15	TEST B.O.P	TEST CASING TO 1500# F/ 15 MINS
09:30	3.00	12:30	13	WAIT ON CEMENT	WOC
12:30	1.00	13:30	12	RUN CASING & CEMENT	TOP OFF W/ 150 SKS 15.8 GLASS G W/ 3% CACL
13:30	1.50	15:00	13	WAIT ON CEMENT	WOC
15:00	3.00	18:00	14	NIPPLE UP B.O.P	CUT OFF WELD ON WELL HEAD
18:00	3.00	21:00	14	NIPPLE UP B.O.P	NIPPLE UP BOP
21:00	2.50	23:30	15	TEST B.O.P	TEST BOPS. TEST ALL RAMS AND VALVES 5000# F/ 10 MIN, TEST ANNULAR 2500# F/ 10 MINS, TEST CHOKE 1000# F/ 10 MINS.
23:30	0.50	00:00	14	NIPPLE UP B.O.P	INSTALL WEAR BUSHING
00:00	1.50	01:30	20	DIRECTIONAL WORK	P/U BHA AND EM TOOL. OREANTATE.
01:30	2.00	03:30	6	TRIPS	TIH
03:30	1.00	04:30	21	OPEN	DRILL OUT SHOE TRACK
04:30	0.50	05:00	22	OPEN	EMW 400 PSI W/ 8.5 MUD = 10.5. WOULD NOT HOLD WITH WATER. HELD WITH 30% LCM.
05:00	1.00	06:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 3525'

14-9D-36 BTR 4/28/2013 06:00 - 4/29/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 3890' TO 4458' (568' IN 7 HR = 81.1 FPH SLIDE 125' IN 2.5 HR 50 FPH, ROTATE: 443' IN 4.5 HR = 98.4 FPH. MM HUNTING 6.75" 7/8 LOBE 3.5 STAGE .15 RPG 1.5 DEGREE FIXED 6.24' BTB.
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE WASH PIPE LEAKING
13:30	8.50	22:00	2	DRILL ACTUAL	DRLG F/ 4458' TO 4790' (332' IN 8.5 HR = 39 FPH) SLIDE: 133' IN 4 HR = 33.25 FPH

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
22:00	4.50	02:30	6	TRIPS	TRIP F/ BIT #6
02:30	2.50	05:00	2	DRILL ACTUAL	DRLG F/ 4790' TO 4934' (144' IN 2.5 HR = 57.6 FPH) SLIDE: 50' IN 1 HR = 50 FPH, ROTATE: 94' IN 1.5 HR = 62.2 FPH,
05:00	0.50	05:30	8	REPAIR RIG	REPLACE STAND PIPE GASKET
05:30	0.50	06:00	2	DRILL ACTUAL	DRLG F/ 4934' TO 4960' @ 52 FPH SLIDING

14-9D-36 BTR 4/29/2013 06:00 - 4/30/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 4960' TO 5352' (392' IN 5 HR = 78.4 FPH) SLIDE: MM HUNTING 6.75" 7/8 LOBE 3.5 STAGE .15 RPG 1.5 DEGREE FIXED 6.24' BTB.
11:00	5.50	16:30	8	REPAIR RIG	TOOH TO SHOE, CUTOFF AND WELD ON NEW UNIONS ON MUD LINE. TIH
16:30	13.50	06:00	2	DRILL ACTUAL	DRLG F/ 5352' TO 6293' (941' 13.5 HR =69.7 FPH) SLIDE: 155' IN 6 HR 25.8 FPH, ROTATE: 786' IN 7.5 HR = 104.8 FPH. 20' LEFT OF LINE

14-9D-36 BTR 4/30/2013 06:00 - 5/1/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 6293' TO 6639' (346' IN 7 HR = 49.4 FPH) SLIDE: 63' IN 3.5 HR = 18 FPH, ROTATE: 283' IN 3.5 HR = 80.9 FPH. MM HUNTING 6.75" 7/8 LOBE 3.5 STAGE .15 RPG 1.5 DEGREE FIXED 6.24' BTB.
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	16.50	06:00	2	DRILL ACTUAL	DRLG F/ 6639' TO 7529'(890' IN 16.5 HR = 53.9 FPH) SLIDE:201' IN 7.25 HR = 26.8 FPH, ROTATE: 689' IN 9 HR = 76.5 FPH

14-9D-36 BTR 5/1/2013 06:00 - 5/2/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 20K WT ON BIT, 150-300 DIFF PRESS 10K TQ
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE - FUNCTION HCR
13:00	4.50	17:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 21K WT ON BIT, 150-275 DIFF PRESS, 11K TQ
17:30	0.50	18:00	5	COND MUD & CIRC	CIRC PUMP PILL
18:00	3.50	21:30	6	TRIPS	T.O.O.H. F/7983' T/0' - CHANGE BIT
21:30	4.00	01:30	6	TRIPS	T.I.H. F/0' T/7983' WASH & REAM LAST 2 STANDS
01:30	4.50	06:00	2	DRILL ACTUAL	W/425 GPM, 45 RPM, 20K WT ON BIT, 220-375 DIFF PRESS, 12K TQ

14-9D-36 BTR 5/2/2013 06:00 - 5/3/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 22K WT ON BIT, 180-300 DIFF PRESS, 12K TQ
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	16.00	06:00	2	DRILL ACTUAL	W/420 GPM, 48 RPM, 24K WT ON BIT, 150-325 DIFF PRES, 13K TQ

14-9D-36 BTR 5/3/2013 06:00 - 5/4/2013 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-51144	Utah	Duchesne	Black Tail Ridge	PRODUCING	10,510.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 23K WT ON BIT, 180-300 DIFF PRESS, 14K TQ
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE
14:00	8.00	22:00	2	DRILL ACTUAL	W/420 GPM, 45 RPM, 24K WT ON BIT, 125-300 DIFF PRESS, 15K TQ
22:00	8.00	06:00	5	COND MUD & CIRC	CIRC GAS - 20-30' FLARE - RAISE MUD WT FROM 9.4 PPG TO 10.0 PPG - 0.2 PPG PER CIRCULATION

**14-9D-36 BTR 5/4/2013 06:00 - 5/5/2013 06:00**

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	W/420 GPM, 50 RPM, 24K WT ON BIT, 150-300 DIFF PRESS, 14K TQ
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE - FUNCTIN PIPE RAMS
13:30	1.00	14:30	2	DRILL ACTUAL	W/420 GPM, 50 RPM, 24K WT ON BIT, 175-300 DIFF PRESS, 15K TQ
14:30	1.00	15:30	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP
15:30	3.00	18:30	6	TRIPS	WIPER TRIP UPTO 7800'
18:30	2.00	20:30	5	COND MUD & CIRC	CIRC PUMP TWO HIGH VIS LCM SWEEPS
20:30	4.50	01:00	6	TRIPS	T.O.O.H. F/10510' T/128' STRAP OUT - SLM=10510
01:00	1.00	02:00	20	DIRECTIONAL WORK	L/D DIR TOOLS - PULL MWD TOOL - BREAK BIT & L/D MUD MOTOR
02:00	4.00	06:00	11	WIRELINE LOGS	S/M - R/U LOGGERS & LOG - LOGGERS DEPTH 10515

14-9D-36 BTR 5/5/2013 06:00 - 5/6/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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	11	WIRELINE LOGS	LOGGING - R/D LOGGERS
09:00	1.00	10:00	6	TRIPS	T.I.H. F/0' T/1500' - FILL PIPE PLUGGED BIT
10:00	2.00	12:00	6	TRIPS	T.O.O.H. - CLEAN OUT BIT & BIT SUB - REPLACE FLOAT
12:00	6.00	18:00	6	TRIPS	T.I.H. F/0' T/10510'
18:00	1.00	19:00	5	COND MUD & CIRC	CIRC - PUMP HIGH VIS SWEEP
19:00	6.50	01:30	6	TRIPS	L/D DRILL PIPE, HWDP, & 6" DCS
01:30	0.50	02:00	21	OPEN	PULL WEAR BUSHING
02:00	4.00	06:00	12	RUN CASING & CEMENT	S/M - R/U CSG CREW & RUN 5.5" CSG

14-9D-36 BTR 5/6/2013 06:00 - 5/7/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	12	RUN CASING & CEMENT	RUN 239 JTS 10,504.27' 5-1/2 P-110 17# 8RD LT&C 8RD Rng3 PRODUCTION CSG, SHOE @ 10,499'/RD CASING CREW
12:30	3.50	16:00	5	COND MUD & CIRC	CIRC BTMS AND WAIT ON HALLIBURTON TO BRING CORRECT FLUSH OUT
16:00	3.50	19:30	12	RUN CASING & CEMENT	RU HALLIBURTON/HELD SAFETY MEETING/TEST LINES @ 5,000 PSI PUMP 10 BBL H2O SPACER/40BBL SUPER FLUSH/ 10 BBL H2O SPACER/ 925 SKS 382.2 BBL 2,145.98 CU/FT 11.0PPG 2.32 YEILD 10.61 GAL/SK/640 SKS 163.0BBL 915.21 CU/FT 13.5PPG 1.42 YEILD 6.65 GAL/SK DISPLACE 241.6 BBL DISPLACEMENT H2O W/BIOCIDE, FINAL LIFT 2,242 PSI, BUMP PLUG @ 2,650 PSI HELD 3-MIN.FLOATS HELD. NO CMT RETURNS TO SURFACE. LOST RETURNS 0BBL INTO DISPLACEMENT/REGAINED RETURNS 90BBL/NEVER REGAINED FULL RETURNS/RD HALLIBURTON
19:30	0.50	20:00	13	WAIT ON CEMENT	WOC/RD HALLIBURTON
20:00	2.00	22:00	13	WAIT ON CEMENT	ND BOP PU 218K SET SLIPS @ 215K 30K OVER ST. WT.
22:00	2.00	00:00	14	NIPPLE UP B.O.P	ND BOP AND INSTALL NIGHT CAP
00:00	6.00	06:00	21	OPEN	CLEAN PITS & PREP FOR RIG MOVE/RELEASE RIG 06:00 5/7/13

14-9D-36 BTR 5/13/2013 06:00 - 5/14/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.
07:00	3.00	10:00	IWHD	Install Wellhead	Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides.N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16' x 5k Gate Valves. Tested Hanger Seals To 7100 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.
10:00	20.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. Construction Crew Working On Facilities.

14-9D-36 BTR 5/14/2013 06:00 - 5/15/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI Shut In And Secured.
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.
09:00	6.00	15:00	LOGG	Logging	P/U Junk Basket/Gauge Ring. RIH, Tagged Up At 10,377', Drilling Report Shows FC At 10,408', 31' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 10,377', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 05-05-2013. Run Repeat Section From 10,377 - 10,150', Log Up Hole. Showed Good Bond From TD To 8,470, 8,470 - 6,950' Fair, 6,950 - 4,600 Ratty, TOC 4,600'. Found Short Joints At 9,896 - 9,928, 8,957 - 8,969', And 7,770 - 7,803'. Ran With Pressure. Pooh, RD Equipment, MOL.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured

14-9D-36 BTR 5/31/2013 06:00 - 6/1/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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 Frac Mandrel, Test. Set Frac Tree, Test Casing. Plumb In FlowBack And SandTrap, Test.

14-9D-36 BTR 6/3/2013 06:00 - 6/4/2013 06:00

API/UWI 43-013-51144	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 10,510.0	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 Line. HES Set Manifold And Mover. Prep For Frac.

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

Effective Date: 11/1/2016

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

WELL INFORMATION:

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

OPERATOR CHANGES DOCUMENTATION:

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

REVIEW:

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

NEW OPERATOR BOND VERIFICATION:

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

DATA ENTRY:

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

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

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

New Operator Contact information:

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

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

Sincerely,

Bill Barrett Corporation

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

Brady Riley
Permit Analyst

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED

NOV 07 2016

DIV. OIL GAS & MINING
BY: Rachael Medina

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

Request to Transfer Application or Permit to Drill

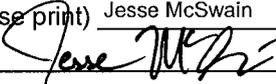
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

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

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

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

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

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

UIC FORM 5

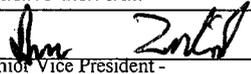
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

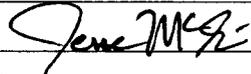
CURRENT OPERATOR

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

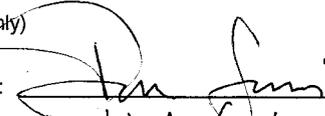
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

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

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

(This space for State use only)

Transfer approved by: 
Title: VIC Geologist

Approval Date: 11/3/16

Comments:

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

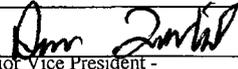
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

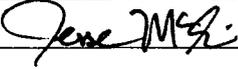
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

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

UIC FORM 5

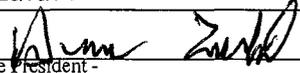
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

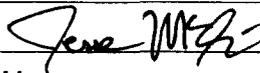
CURRENT OPERATOR

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

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

NEW OPERATOR

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

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

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

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