

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER 14-5-45 BTR
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ALTAMONT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL dspencer@billbarrettcorp.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6261			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 checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	483 FSL 1906 FWL	SESW	5	4.0 S	5.0 W	U
Top of Uppermost Producing Zone	483 FSL 1906 FWL	SESW	5	4.0 S	5.0 W	U
At Total Depth	483 FSL 1906 FWL	SESW	5	4.0 S	5.0 W	U
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 483		23. NUMBER OF ACRES IN DRILLING UNIT 640		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2490		26. PROPOSED DEPTH MD: 8800 TVD: 8800		
27. ELEVATION - GROUND LEVEL 6018		28. BOND NUMBER LPM8874725		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Duchesne City Culinary Water Dock		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Elaine Winick		TITLE Sr. Permit Analyst		PHONE 303 293-9100		
SIGNATURE		DATE 12/22/2010		EMAIL ewinick@billbarrettcorp.com		
API NUMBER ASSIGNED 43013505680000		APPROVAL  Permit Manager				

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Cond	26	16	0	80		
Pipe	Grade	Length	Weight			
	Unknown	80	65.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	9.875	5.5	0	8800		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	8800	17.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	14.75	10.75	0	3000		
Pipe	Grade	Length	Weight			
	Grade J-55 Buttress	3000	45.5			

**BILL BARRETT CORPORATION
DRILLING PLAN**

14-5-45 BTR

SESW, 483' FSL & 1906' FWL, Section 5-T4S-R5W (surface and bottom hole)
Duchesne County, Utah

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

Formation	Depth – MD
Lower Green River	4870*
Douglas Creek	5740'
Black Shale	6585'
Castle Peak	6820'
Wasatch	7360' *
TD	8800'

*PROSPECTIVE PAY

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

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 2,500'	No pressure control required
2,500' – 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

Hole Size	SETTING DEPTH (FROM) (TO)		Casing Size	Casing Weight	Casing Grade	Thread	Condition
26"	Surface	80'	16"	65#			
14 3/4"	surface	2500'	10-3/4"	45.5#	J or K 55	BT&C	New
9-7/8" & 7-7/8"	surface	TD	5 1/2"	17#	P-110	LT&C	New

NOTE: If necessary due to lost circulation, BBC would like to request the option to set 7-5/8", 33.70# P-110 LT&C to a depth of 6000', then drill a 6-1/2" hole to TD and run 5-1/2" casing as a 2000' liner (200' liner lap).

5. **Cementing Program**

Casing	Cement
16" Conductor Casing	Grout
14-3/4" hole for 10-3/4" Surface Casing	Lead with approximately 630 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. Tail with approximately 360 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx). Calculated hole volume with 75% excess.
9-7/8 hole for 5 1/2" Production Casing May reduce hole size to 7-7/8" at 6000' if minimal hole problems.	Lead with approximately 1200 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). Tail with approximately 1480 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Planned TOC surface.
<p>NOTE: If 7-5/8" casing is necessary at 6000', we would cement with 250 sx of 12.7 PPG lead 50/50 Poz with 8% gel (1000' of fill with 100% excess, yield 1.80 cuft/sx) and 200 sx of 15.8 ppg tail Class G or H (500' of fill with 100% excess, yield 1.18 cuft/sx.) We will perform a FIT to 10.2 ppg after drilling 20' of new hole.</p> <p>The 5-1/2" liner would be cemented with 300 sx of Class G 50/50 Poz w/ 2% gel (14.2 ppg) with additives from TD to 200' above TOL.</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' - 2,500'	8.3 - 8.8	26 - 36	NC	Freshwater Spud Mud Fluid System
2,500' - TD	8.6 - 9.7	42-52	20 cc or less	DAP Polymer Fluid System
<p>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.</p>				

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.
<p>NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.</p>	

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4439 psi* and maximum anticipated surface pressure equals approximately 2503 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: 2/1/2011
Spud: Approximately 2/16/2011
Duration: 15 days drilling time
45 days completion time

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: **14-5-45 BTR**

Surface Hole Data:		Calculated Data:	
Total Depth:	2,500'	Lead Volume:	1947.1 ft ³
Top of Cement:	0'	Lead Fill:	2,000'
OD of Hole:	14.750"	Tail Volume:	486.8 ft ³
OD of Casing:	10.750"	Tail Fill:	500'
Cement Data:		Calculated # of Sacks:	
Lead Yield:	3.16 ft ³ /sk	# SK's Lead:	630
% Excess:	75%		
Top of Lead:	0'		
Tail Yield:	1.36 ft ³ /sk	# SK's Tail:	360
% Excess:	75%		
Top of Tail:	2,000'		

Production Hole Data:		Calculated Data:	
Total Depth:	8,800'	Lead Volume:	2751.6 ft ³
Top of Cement:	0'	Lead Fill:	5,000'
Top of Tail:	5,000'	Tail Volume:	2091.4 ft ³
OD of Hole:	9.875"	Tail Fill:	3,800'
OD of Casing:	5.500"		
Cement Data:		Calculated # of Sacks:	
Lead Yield:	2.31 ft ³ /sk	# SK's Lead:	1200
Tail Yield:	1.42 ft ³ /sk	# SK's Tail:	1480
% Excess:	50%		

APIWellNo:43013505680000

14-5-45 BTR Proposed Cementing Program

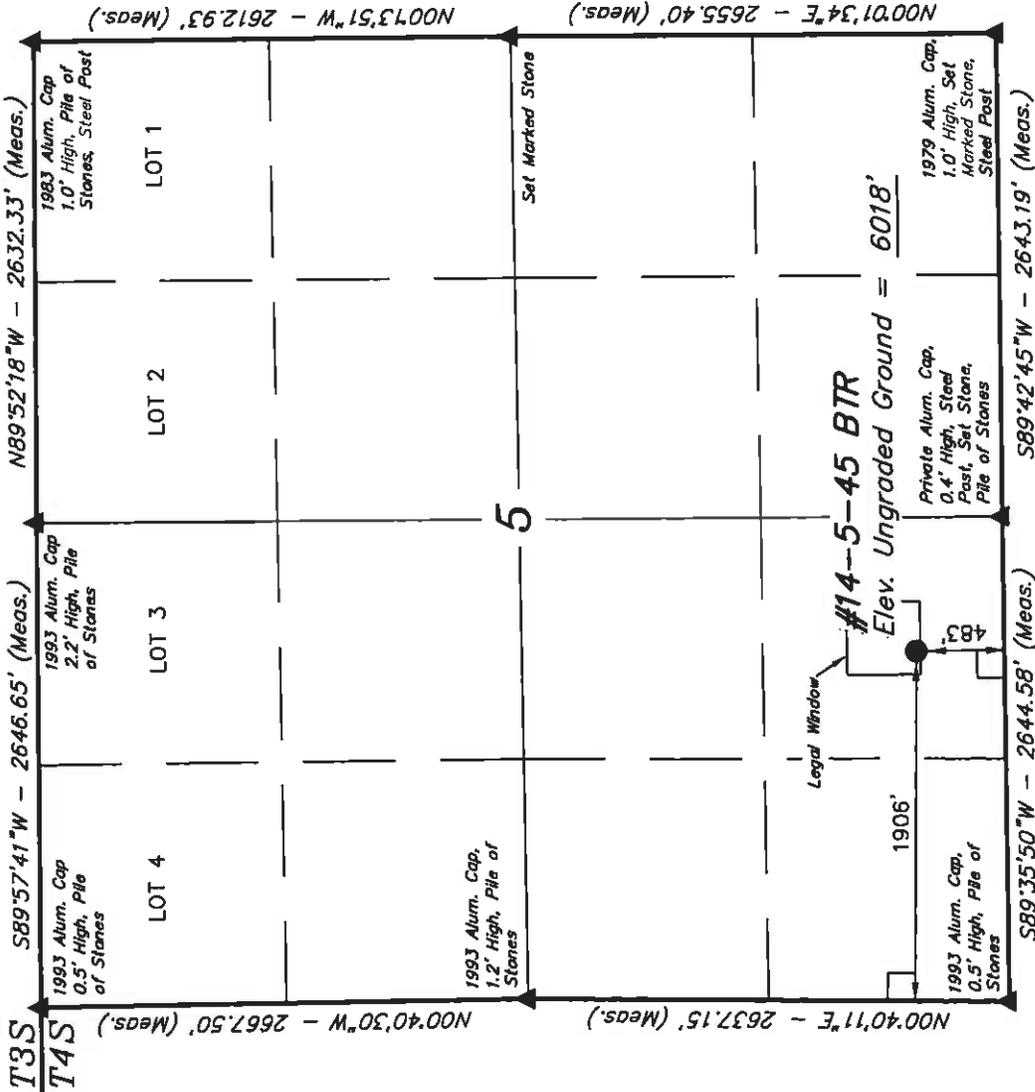
<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (2000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 2,000'
	Volume: 346.77 bbl
	Proposed Sacks: 630 sks
Tail Cement - (TD - 2000')	
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: 2,000'
	Calculated Fill: 500'
	Volume: 86.69 bbl
	Proposed Sacks: 360 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (5000' - 0')	
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: 0'
	Calculated Fill: 5,000'
	Volume: 490.04 bbl
	Proposed Sacks: 1200 sks
Tail Cement - (8800' - 5000')	
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: 5,000'
	Calculated Fill: 3,800'
	Volume: 372.46 bbl
	Proposed Sacks: 1480 sks

T4S, R5W, U.S.B.&M.

BILL BARRETT CORPORATION

Well location, #14-5-45 BTR, located as shown in SE 1/4 SW 1/4 of Section 5, T4S, R5W, U.S.B.&M., Duchesne County, Utah.



BASIS OF ELEVATION

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

BASIS OF BEARINGS

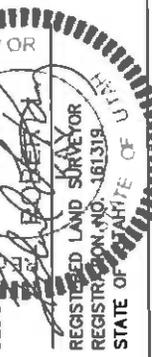
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

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



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

SCALE	1" = 1000'	DATE SURVEYED:	09-30-10	DATE DRAWN:	10-15-10
PARTY	T.A. C.N. S.L.	REFERENCES	G.L.O. PLAT		
WEATHER	WARM	FILE	BILL BARRETT CORPORATION		

(NAD 83)
 LATITUDE = 40°09'22.09" (40.156136)
 LONGITUDE = 110°28'36.28" (110.476744)
 (NAD 27)
 LATITUDE = 40°09'22.24" (40.156178)
 LONGITUDE = 110°28'33.72" (110.476033)

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

BILL BARRETT CORPORATION

#14-5-45 BTR

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 5, T4S, R5W, U.S.B.&M.

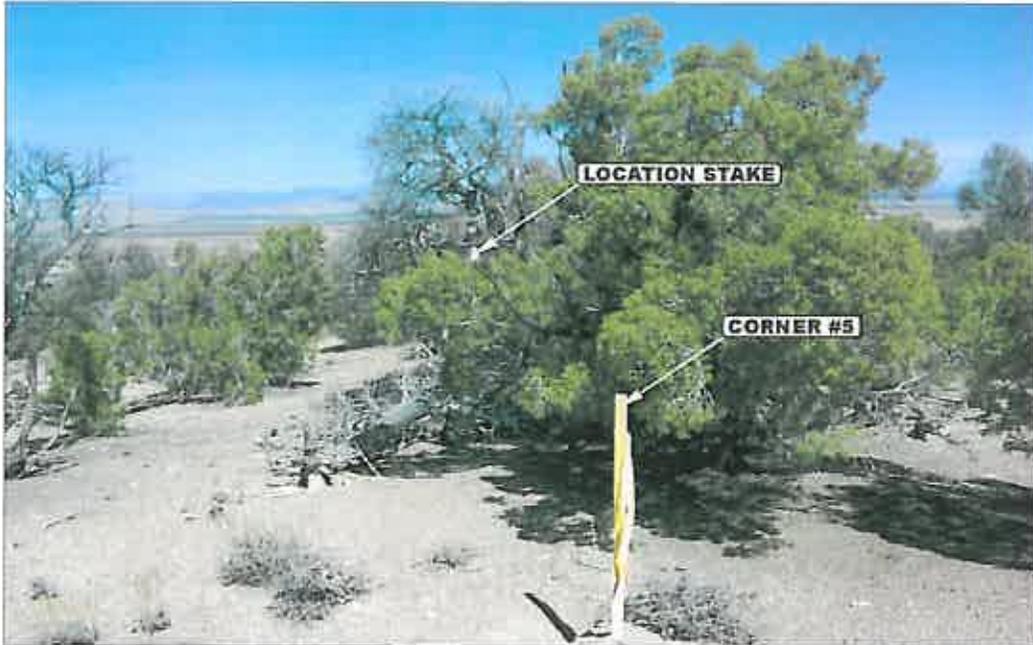


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



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

LOCATION PHOTOS

10 11 10
MONTH DAY YEAR

PHOTO

TAKEN BY: T.A.

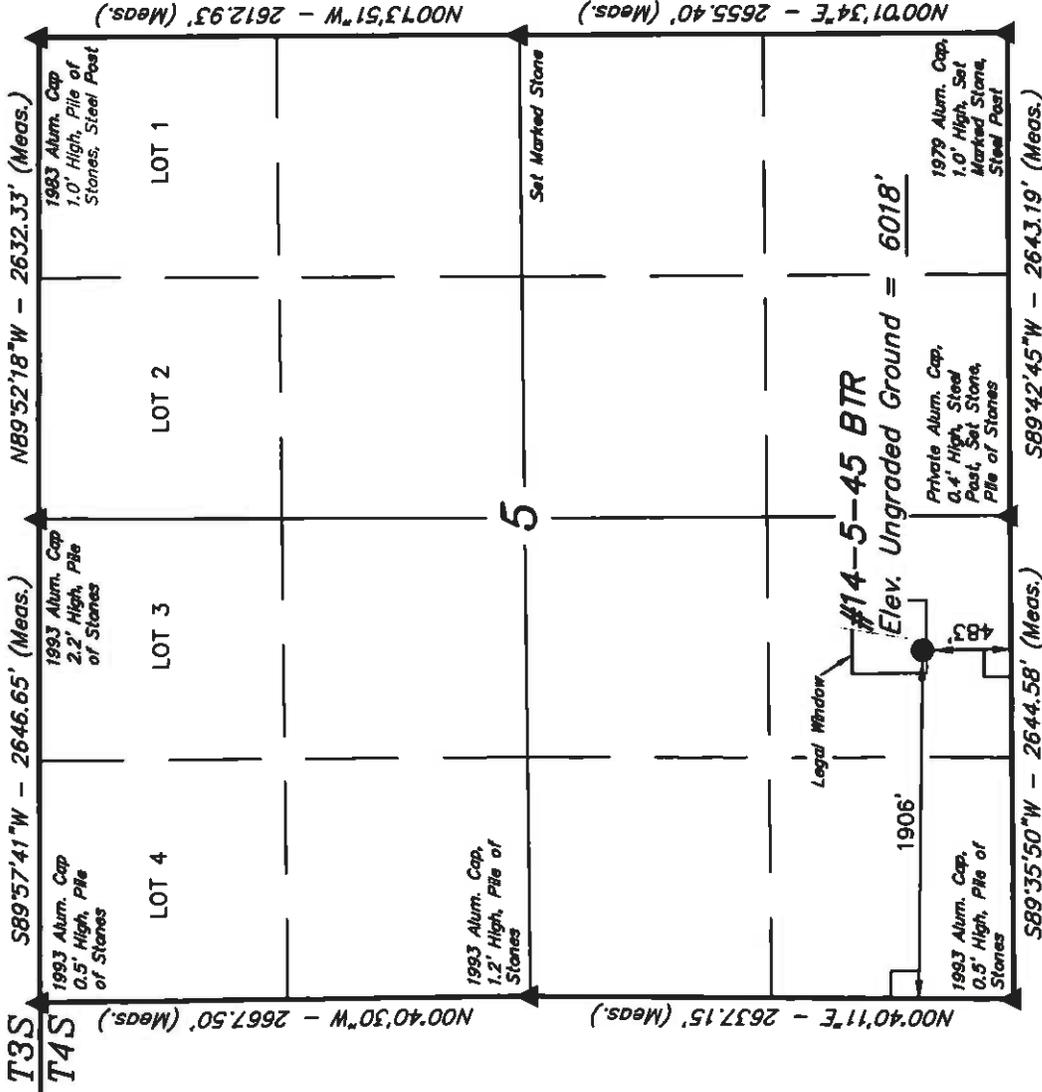
DRAWN BY: J.J.

REVISED: 00-00-00

T4S, R5W, U.S.B.&M.

BILL BARRETT CORPORATION

Well location, #14-5-45 BTR, located as shown in SE 1/4 SW 1/4 of Section 5, T4S, R5W, U.S.B.&M., Duchesne County, Utah.

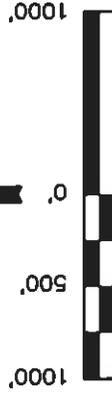


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REGISTERED LAND SURVEYOR
REGISTRATION NO. 181319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

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

SCALE	1" = 1000'	DATE SURVEYED:	09-30-10	DATE DRAWN:	10-15-10
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LEGEND:

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

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

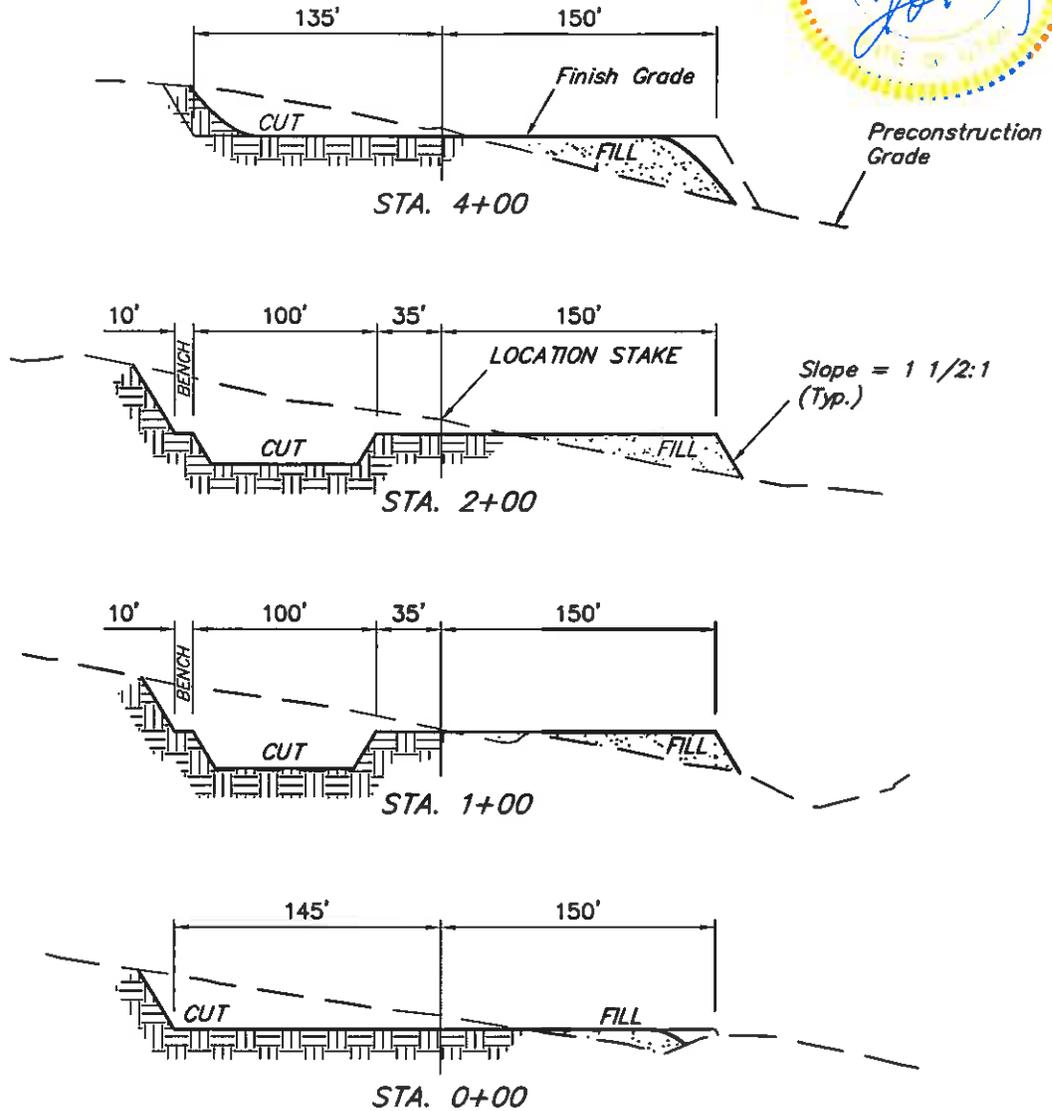
#14-5-45 BTR

SECTION 5, T4S, R5W, U.S.B.&M.

483' FSL 1906' FWL

FIGURE #2

1" = 40'
X-Section Scale
1" = 100'
DATE: 10-15-10
DRAWN BY: S.L.



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.461 ACRES
ACCESS ROAD DISTURBANCE = ± 0.114 ACRES
PIPELINE DISTURBANCE = ± 0.117 ACRES
TOTAL = ± 3.692 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 5,200 Cu. Yds.
Remaining Location = 17,370 Cu. Yds.
TOTAL CUT = 22,570 CU.YDS.
FILL = 14,610 CU.YDS.

EXCESS MATERIAL = 7,960 Cu. Yds.
Topsoil & Pit Backfill = 7,660 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 300 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1077

'APIW#No:43013505680000'

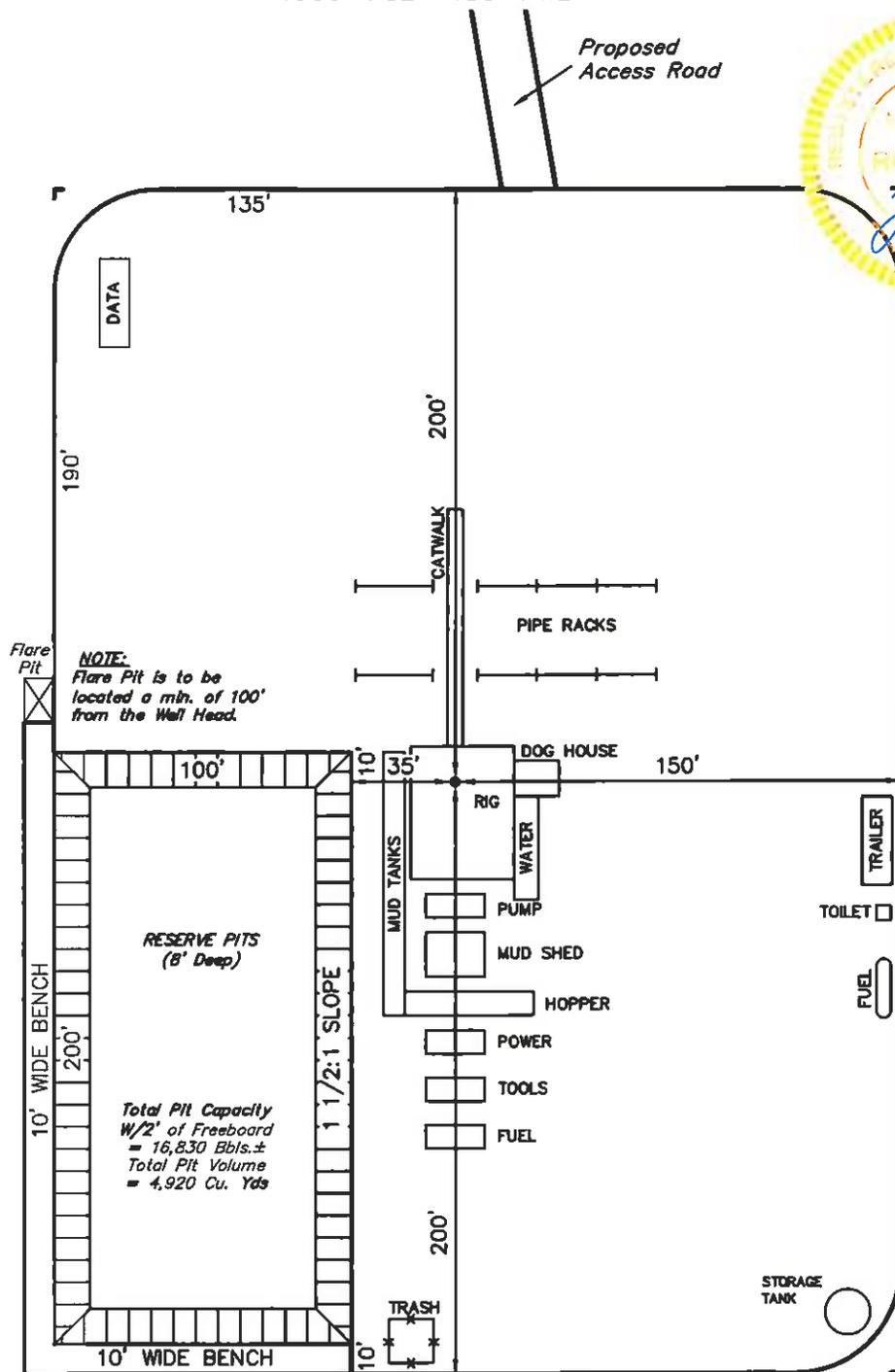
BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

#14-5-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.
1906' FSL 483' FWL

FIGURE #3

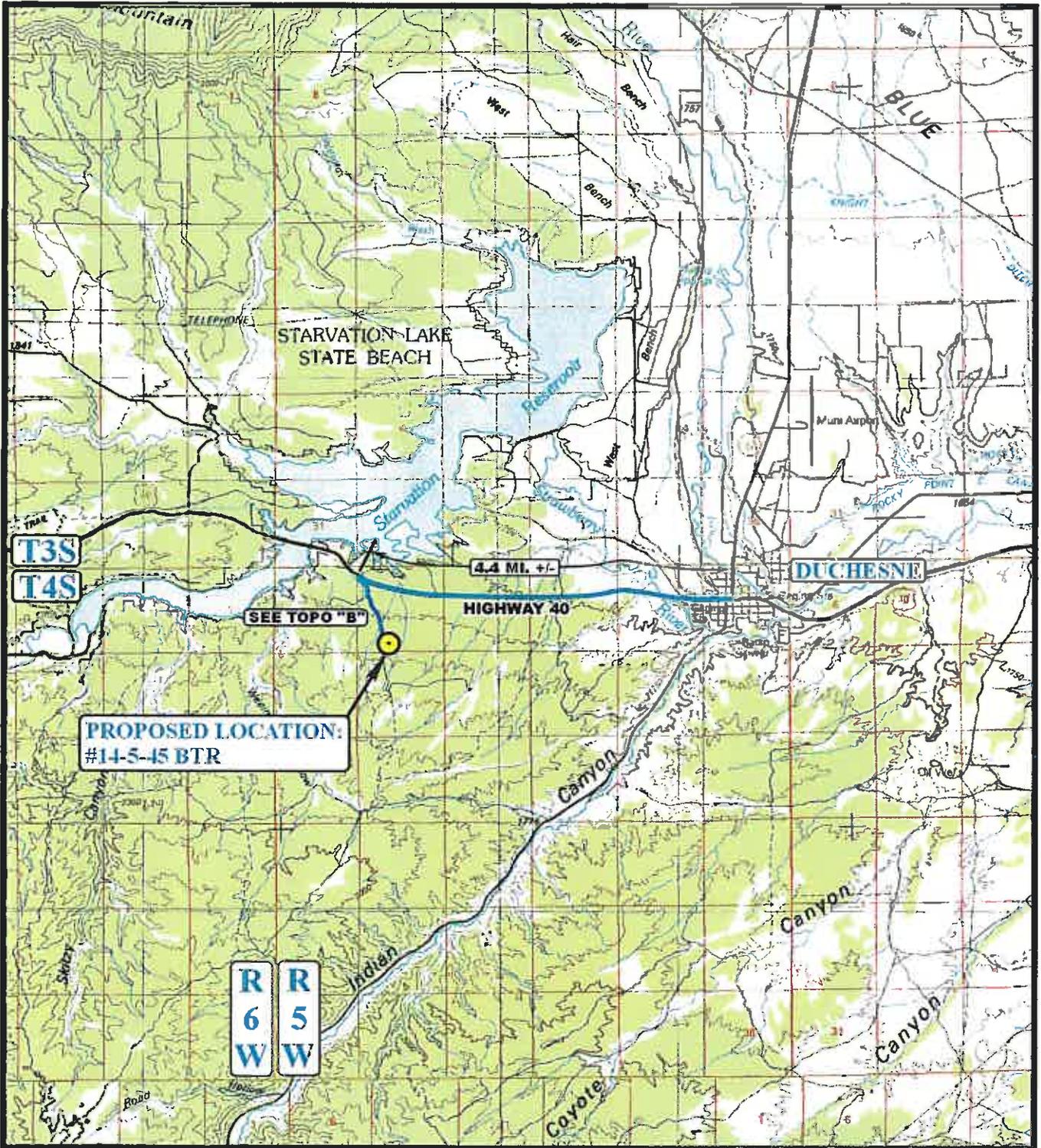
SCALE: 1" = 60'
DATE: 10-15-10
DRAWN BY: S.L.



**BILL BARRETT CORPORATION
#14-5-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 4.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTELY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 165' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 5.3 MILES.



LEGEND:

● PROPOSED LOCATION



BILL BARRETT CORPORATION

#14-5-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.
483' FSL 1906' FWL



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(435) 789-1017 * FAX (435) 789-1813

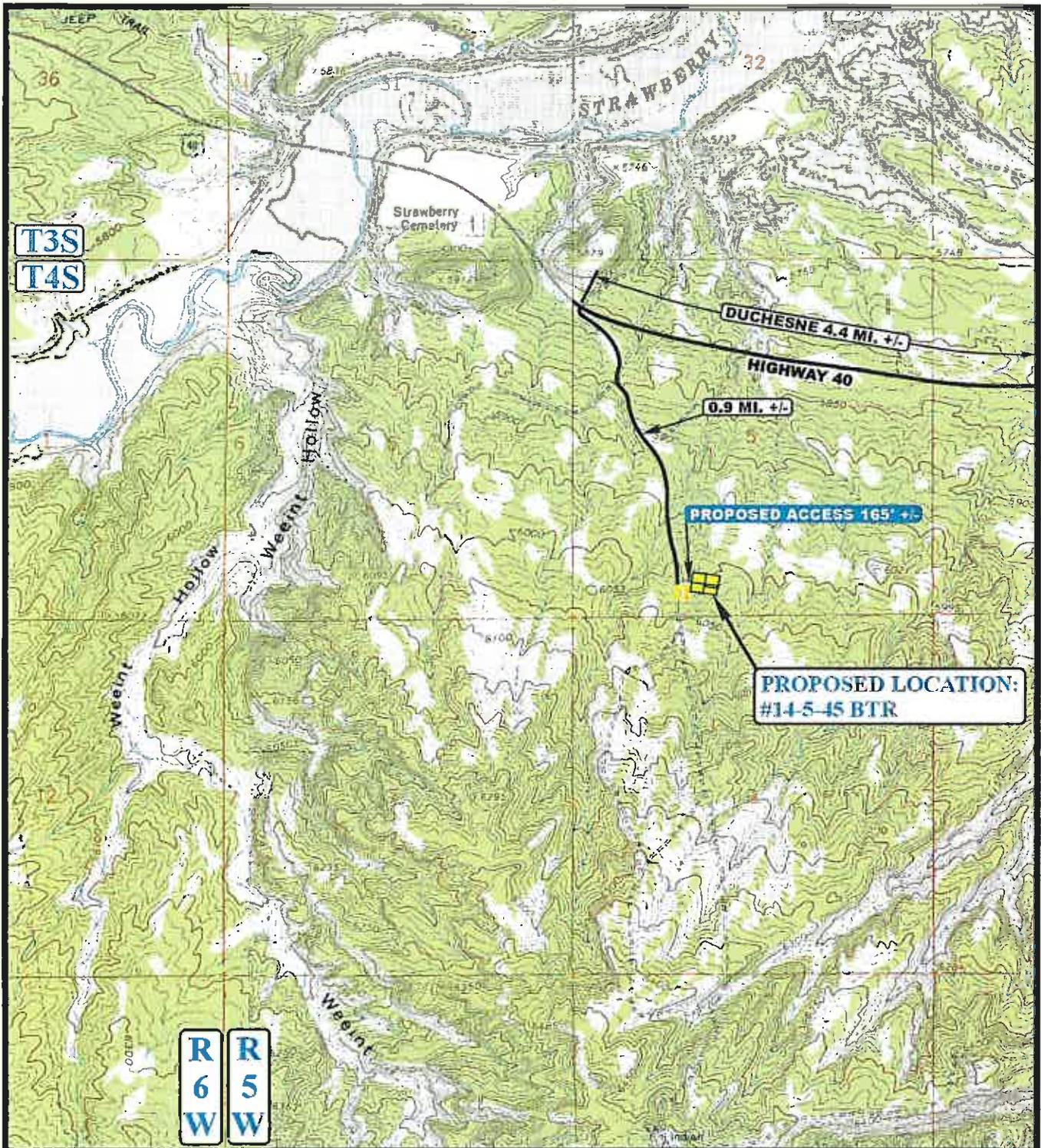
TOPOGRAPHIC MAP 10 11 10
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 00-00-00



TOPO

'APIWellNo:43013505680000'



LEGEND:

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



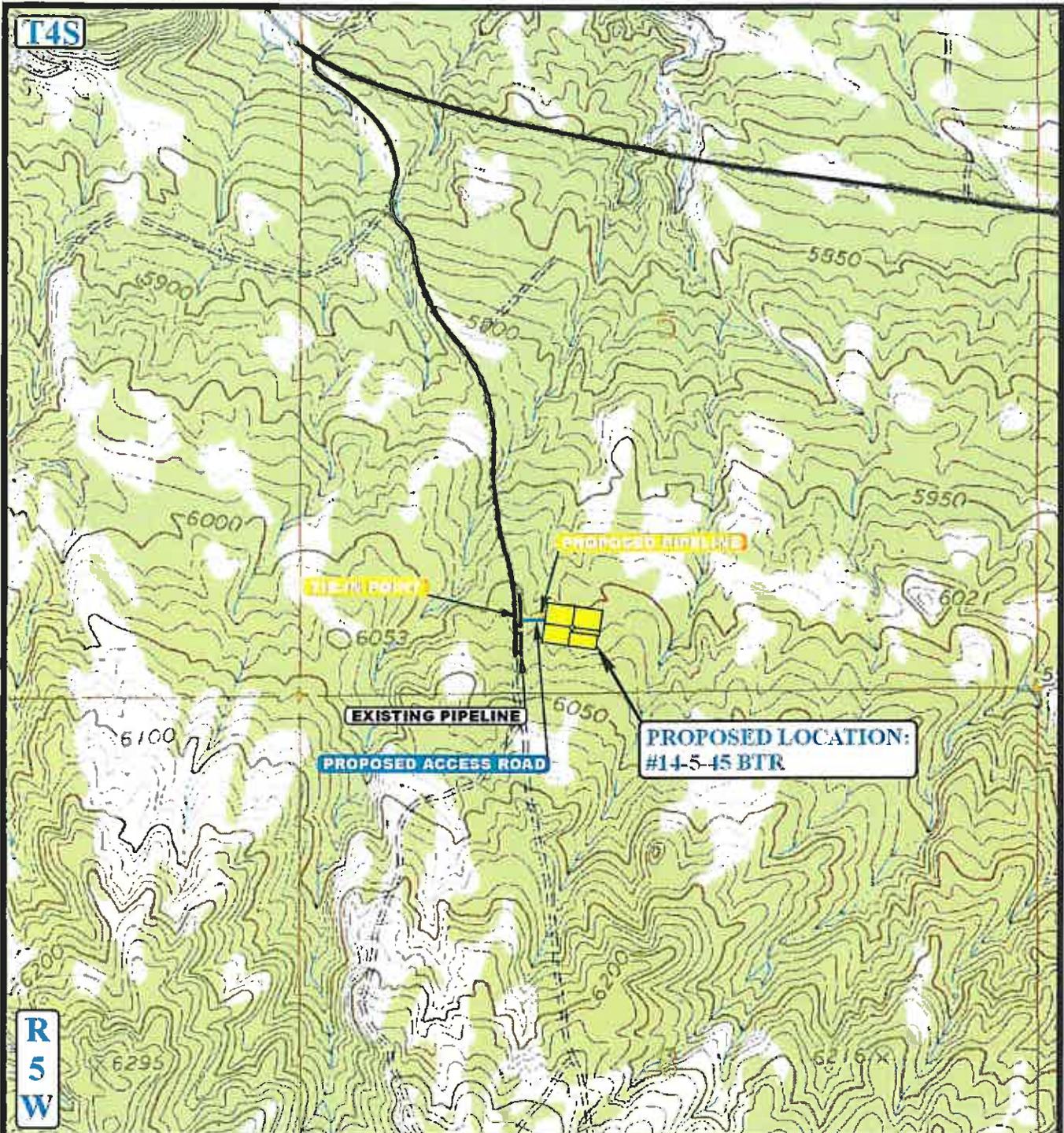
BILL BARRETT CORPORATION

#14-5-45 BTR
 SECTION 5, T4S, R5W, U.S.B.&M.
 483' FSL 1906' FWL

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

TOPOGRAPHIC MAP 10 11 10
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00 **B**
 TOPO

'APIWellNo:43013505680000'



APPROXIMATE TOTAL PIPELINE DISTANCE = 195' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



BILL BARRETT CORPORATION

#14-5-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.
483' FSL 1906' FWL

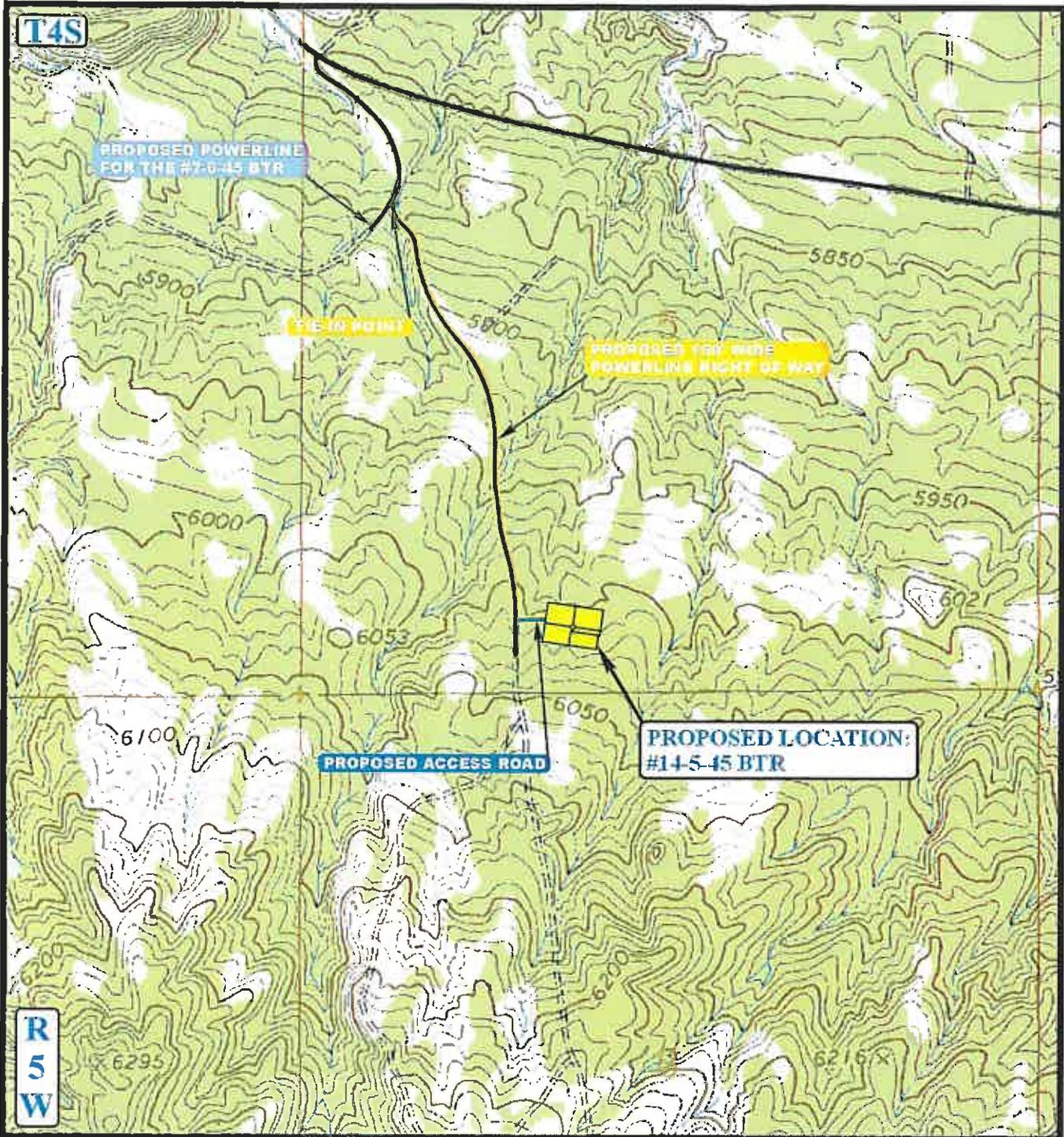


Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1913

TOPOGRAPHIC MAP
10 11 10
MONTH DAY YEAR

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





APPROXIMATE TOTAL POWERLINE DISTANCE = 3,356' +/-

LEGEND:

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

BILL BARRETT CORPORATION

#14-5-45 BTR
 SECTION 5, T4S, R5W, U.S.B.&M.
 483' FSL 1906' FWL



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

TOPOGRAPHIC MAP 11 03 10
 MONTH DAY YEAR

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



'APIWellNo:43013505680000'

BILL BARRETT CORPORATION
SURFACE USE PLAN

14-5-45 BTR

SESW, 483' FSL & 1906' FWL, Section 5-T4S-R5W (surface and bottom hole)
Duchesne County, Utah

The Ute Tribal onsite for this location was conducted on December 1, 2010.

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 5.3 miles southwest of Duchesne, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic maps A and B).
- b. Project roads may 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.
- c. 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.
- d. 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 permit are required.
- e. All existing roads would be maintained and kept in good repair during all phases of operation.

2. Planned Access Road:

- a. Approximately 165 feet of new access road is proposed entering the western side of the pad area (see Topographic Map B).
- b. A tribal right of way (ROW) is applied for and pending approval. The road would be constructed to a 30-foot ROW width with an 18-foot travel surface. See section 12.d. for approximate 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 because the access road is short and adequate site distance exists in all directions.
- i. One culvert or low-water crossing is anticipated as the access road enters the pad area. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- l. All access roads and surface disturbing activities would conform to the appropriate standard, **no higher than necessary**, to accommodate their intended

function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition – Revised 2007.

m. The operator would be responsible for all maintenance needs of the new access road.

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

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

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

4. Location of Production Facilities

- a. Surface facilities would consist of a wellhead, separator, gas meter, (1) 500 gal methanol tank, (1) 500 glycol tank, (2) 500 bbl oil tanks, (1) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, a pumping unit with natural gas 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 to assist liquid production if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (75 horsepower or less), natural gas-fired internal combustion engines.
- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.
- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
 - f. Approximately 195 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. Pipelines would be constructed of steel, polyethylene or fiberglass. The pipeline would connect to the existing 7-6-45 BTR pipeline corridor approved under tribal ROW H62-2010-076.
 - g. The new segment of gas pipeline would be surface laid line within a 30 foot wide pipeline ROW. The pipeline has been applied for and is pending approval at this time. See section 12.d. for approximate disturbance estimates.
 - h. Construction of the ROW would temporarily utilize the 30 foot disturbed width for the road for a total disturbed width of 60 foot for the road and pipeline corridors. The use of the proposed well site and access roads would facilitate the staging of the pipeline construction.
 - i. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
 - j. All permanent above-ground structures would be painted a flat, non-reflective color, such as Beetle, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
 - k. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.
 - l. The 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 the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W, USB&M.
 - 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. Additionally, the Ute Tribe would be notified of any changes in water supply.
 - d. Water use would vary in accordance with the formations to be drilled but would be up to approximately 3.64 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.
7. Methods of Handling Waste Disposal:
- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.
 - b. The reserve pit would be constructed so as not to leak, break or allow any discharge.
 - c. The reserve would be lined with 12 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the reserve pit at all times.
 - d. To deter livestock from entering the pit, the three sides exterior to the location would be fenced before drilling starts. Following the conclusion of drilling and completion activities, the fourth side would also be fenced.
 - e. Drill cuttings would be contained in the pit and buried on-site for a period not to exceed six months, weather permitting.
 - f. Produced fluids from the 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:

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.
- 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.

- i. 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.
- 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. Approximately 3356 feet of powerline corridor is proposed (see Topographic Map D) adjacent to the existing and proposed access roads. The proposed corridor would be 150 feet, 75 feet on each side of the centerline of the existing access road. See 12.d below for disturbance estimates.

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 Ute Tribe specifications.
- d. The pad has been staked at its maximum size of 400 feet x 285 feet with an inboard reserve pit size of 100 feet x 200 feet X 8 feet deep. See 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.
- 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. 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.
- b. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal. A list of noxious weeds may be obtained from the Ute Tribe, BLM or the appropriate county extension office. On Ute Tribe administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. 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.

- d. 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.
- e. 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 & Mineral ownership – Ute Indian Tribe - 988 South 7500 East (Annex Building); Ft. Duchesne, Utah 84026; 435-725-4950. Tribal ROWs are pending.

12. Other Information:

- a. Montgomery Archaeological 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 MOAC Report No. 10-210, dated October 25, 2010 and MOAC Report No. 10-241, dated November 23, 2010.
- 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		3.46	acres
Access	165 feet	0.11	acres
Pipeline	195 feet	0.13	acres
Powerline ¹	3356 feet	9.25	acres
	Total	13	acres

¹Disturbance calculated at 120' corridor as 30' already existing or included above.

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 20th day of December 2010
Name: Elaine Winick
Position Title: Senior Permit Analyst
Address: 1099 18th Street, Suite 2300, Denver, CO 80202
Telephone: 303-312-8168
E-mail: ewinick@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

Elaine Winick by [Signature]
Elaine Winick, Senior Permit Analyst

**CULTURAL RESOURCE INVENTORY OF
BILL BARRETT CORPORATION'S PROPOSED
PROPOSED #7-6-45 BTR, #1-9-45 BTR,
#2-16D-45 BTR, #5-16D-45 BTR POWERLINES
AND #7-6-45 BTR PIPELINE,
DUCHESNE COUNTY, UTAH**

CULTURAL RESOURCE INVENTORY OF
BILL BARRETT CORPORATION'S FIVE PROPOSED
WELL LOCATIONS #4-5-45 BTR, #14-5-45 BTR,
#16-6-45 BTR, #1-18-45 BTR, AND #5-18-45 BTR
(T3S, R5W, SECTIONS 5, 6, AND 18)
DUCHESNE COUNTY, UTAH

By:

Patricia Stavish

Prepared For:

Ute Indian Tribe
Uintah and Ouray Agency

Prepared Under Contract With:

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 10-210

October 25, 2010

United States Department of Interior (FLPMA)
Permit No. 10-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-10-MQ-0780i

Ute Tribal Permit No. A10-363

One mile radius map

4S/5W

4

5

6

8

5-4-45_BTR

1-5-45
BTR

5-1(1-5D5)

14-5-45_BTR

7-8-45
BTR

2

16-7-45_BTR

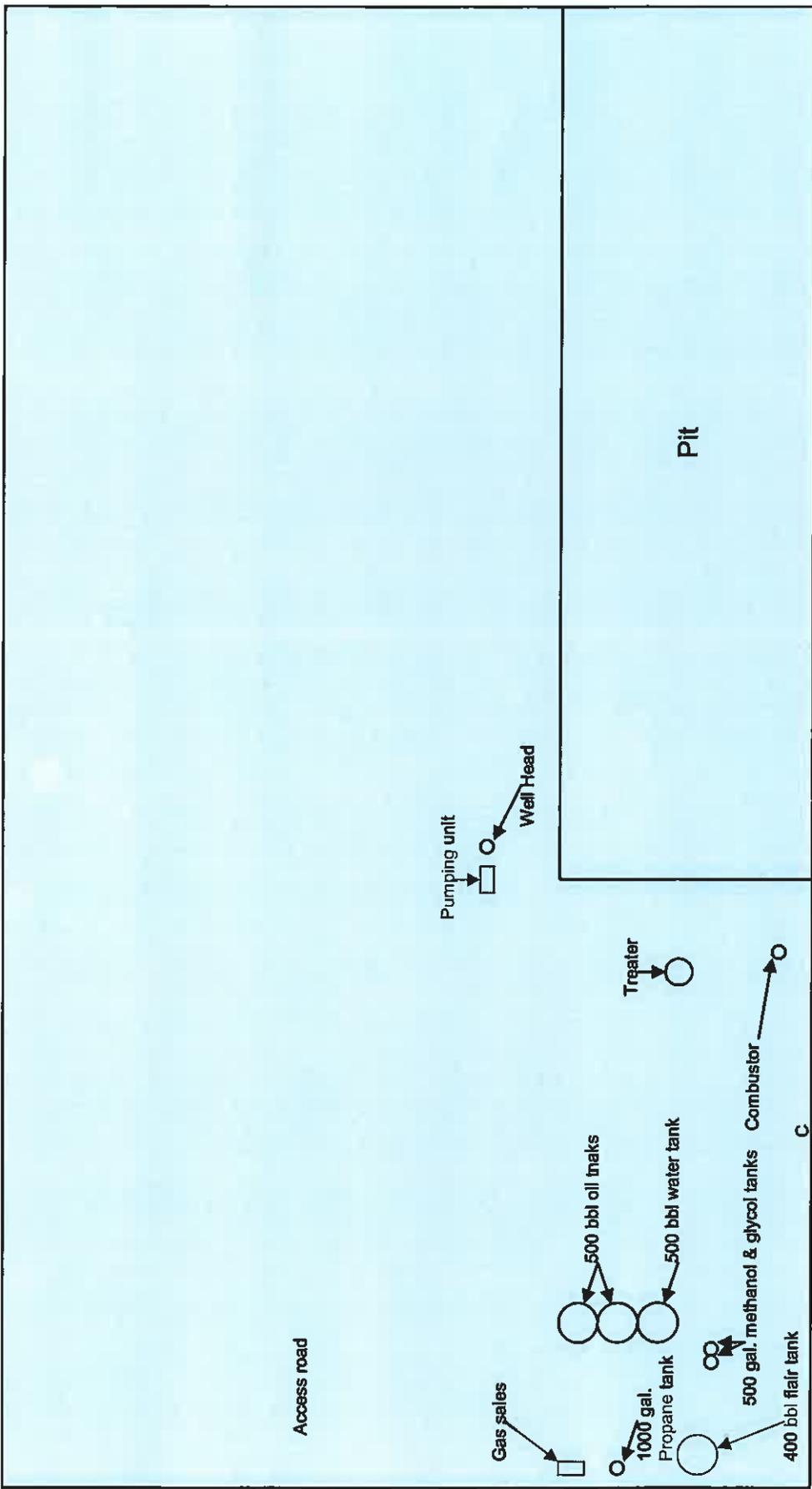


14-5-45 BTR Pad
SESW, Section 5, T4S, R5W
Duchesne County, Utah

Legend

- Oil - 6 Total
- P&A - 1 Total

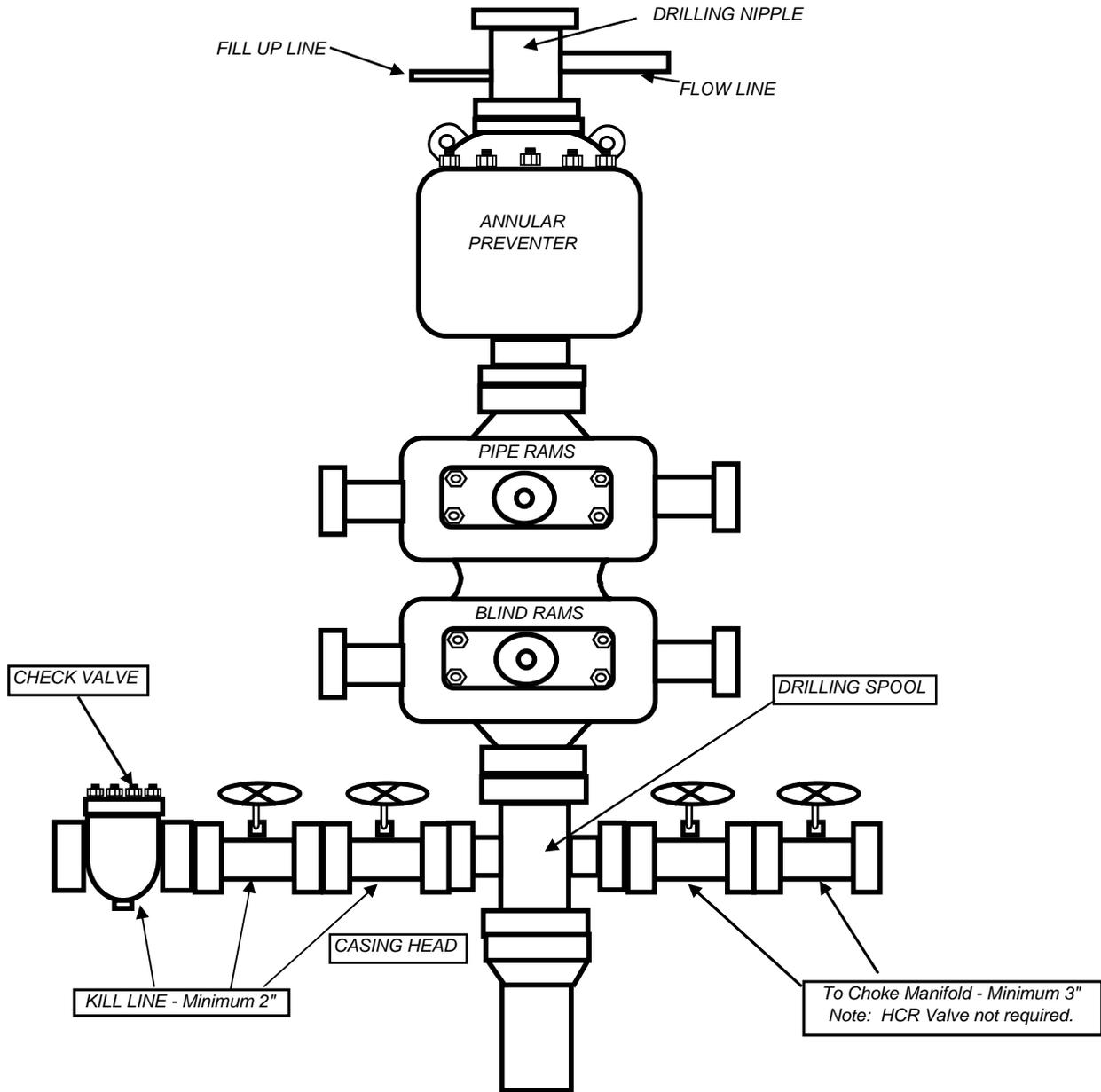
14-5-45 BTR



C o m b u s t o r .

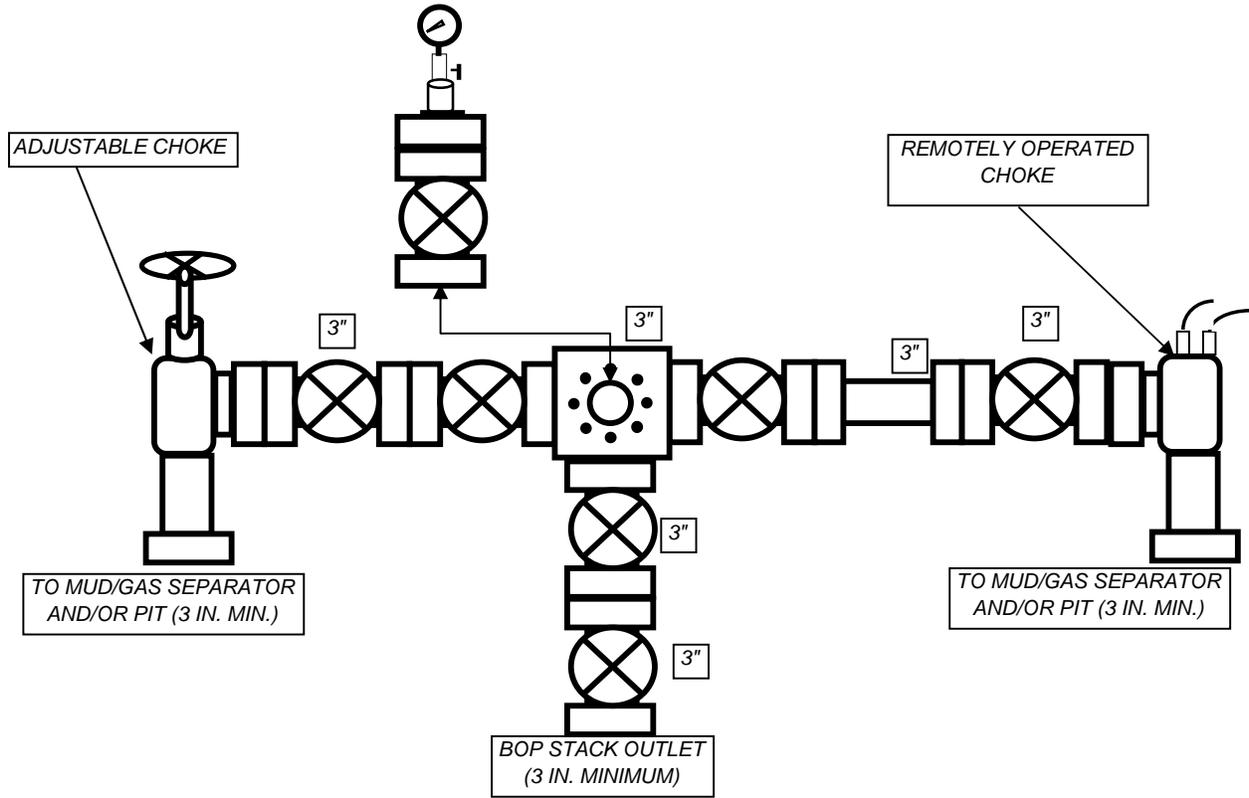
BILL BARRETT CORPORATION

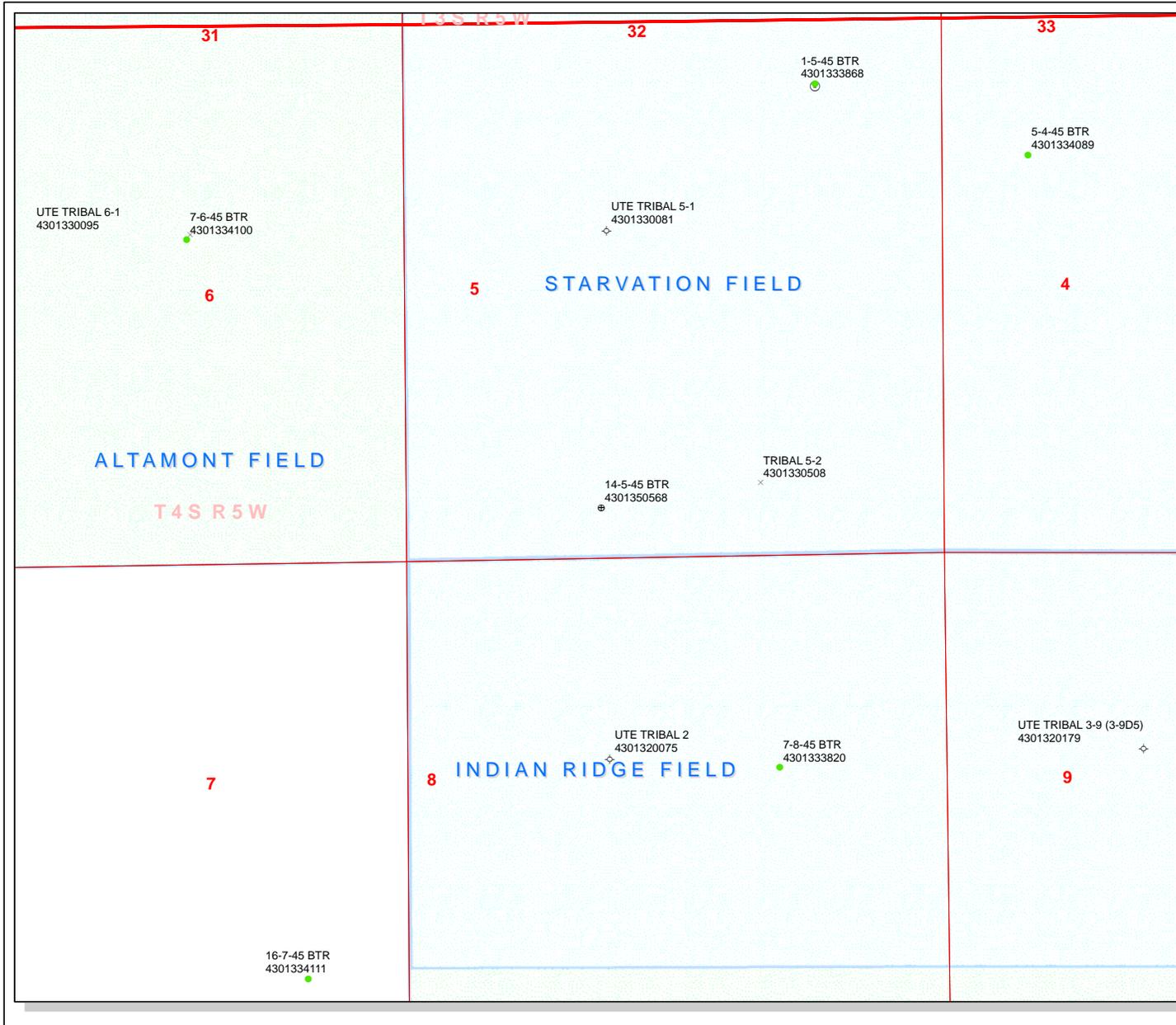
TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

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

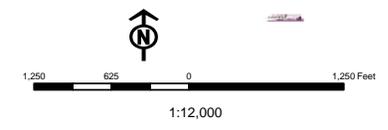




API Number: 4301350568
Well Name: 14-5-45 BTR
Township 04.0 S Range 05.0 W Section 05
Meridian: UBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/22/2010

API NO. ASSIGNED: 43013505680000

WELL NAME: 14-5-45 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 293-9100

CONTACT: Elaine Winick

PROPOSED LOCATION: SESW 05 040S 050W

Permit Tech Review:

SURFACE: 0483 FSL 1906 FWL

Engineering Review:

BOTTOM: 0483 FSL 1906 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.15611

LONGITUDE: -110.47615

UTM SURF EASTINGS: 544615.00

NORTHINGS: 4445005.00

FIELD NAME: ALTAMONT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6261

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 2 - Indian

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: Duchesne City Culinary Water Dock
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-85
- Effective Date: 3/11/2010
- Siting: Allow up to 4 producing wells in drilling unit
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - 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: 14-5-45 BTR
API Well Number: 43013505680000
Lease Number: 14-20-H62-6261
Surface Owner: INDIAN
Approval Date: 12/28/2010

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 139-85. 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.

Notification Requirements:

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

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://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 in a cursive style.

For John Rogers
Associate Director, Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APD PMT RCVD

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

DEC 27 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER WELL
BLM - VFO

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 1420H626261	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator BILL BARRETT CORPORATION		7. If Unit or CA Agreement, Name and No.	
Contact: ELAINE WINICK E-Mail: ewinick@billbarrettcorp.com		8. Lease Name and Well No. 14-5D-45 BTR	
3a. Address 1099 18TH STREET, SUITE 2300 DENVER, CO 80202		9. API Well No. 43-013-50548	
3b. Phone No. (include area code) Ph: 303-312-8168		10. Field and Pool, or Exploratory WASATCH/LWR GREEN RIVER	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESW 483FSL 1906FWL At proposed prod. zone SESW 483FSL 1906FWL		11. Sec., T., R., M., or Blk. and Survey or Area Sec 5 T4S R5W Mer UBM	
14. Distance in miles and direction from nearest town or post office* 5.3 MILES SW DUCHESNE, UT		12. County or Parish DUCHESNE	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 483'	16. No. of Acres in Lease 640.00	17. Spacing Unit dedicated to this well 160.00	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 2490'	19. Proposed Depth 8800 MD	20. BLM/BIA Bond No. on file LPM8874725	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6018 GL	22. Approximate date work will start 02/01/2011	23. Estimated duration 60 DAYS	

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) ELAINE WINICK Ph: 303-312-8168	Date 12/22/2010
Title SENIOR PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JUN 01 2011
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 #99500 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 01/04/2011 ()

RECEIVED

JUN 20 2011

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

UDOGM

NOTICE OF APPROVAL

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

11SS0520AE

NOS 10/27/2010



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Bill Barrett Corporation
Well No: 14-5-45 BTR
API No: 43-013-50568

Location: SESW, Sec. 5, T4S R5W
Lease No: 14-20-H62-6261
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: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

Additional Stipulations: Production Equipment will be painted Beetle Green to help blend into the surrounding vegetation.

- On the 5-7D-46 BTR and the 14-5-45 BTR locations, the runoff needs to be diverted around the well pad area as shown on figure 1 of the surveyor's well plat, install two 18 inch culverts along the proposed access route as shown on the Topo B Map of the surveyor's well package.
- See Exhibit One of the approved EA U&O-FY11-Q2-041 for additional mitigation measures that must be followed for each of the proposed well locations.

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:

- Approved - Request to run optional casing program due to lost circulation. A requirement is that the 7 7/8" and 5 1/2" casings will be cemented to a minimum of 200' feet above the casing shoe of the previous casing string.
- No Variances were requested. The operator shall also comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

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 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 (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and

Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6261
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: Ute 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000
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: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH

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

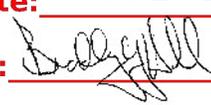
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/1/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" 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 checked="" type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

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

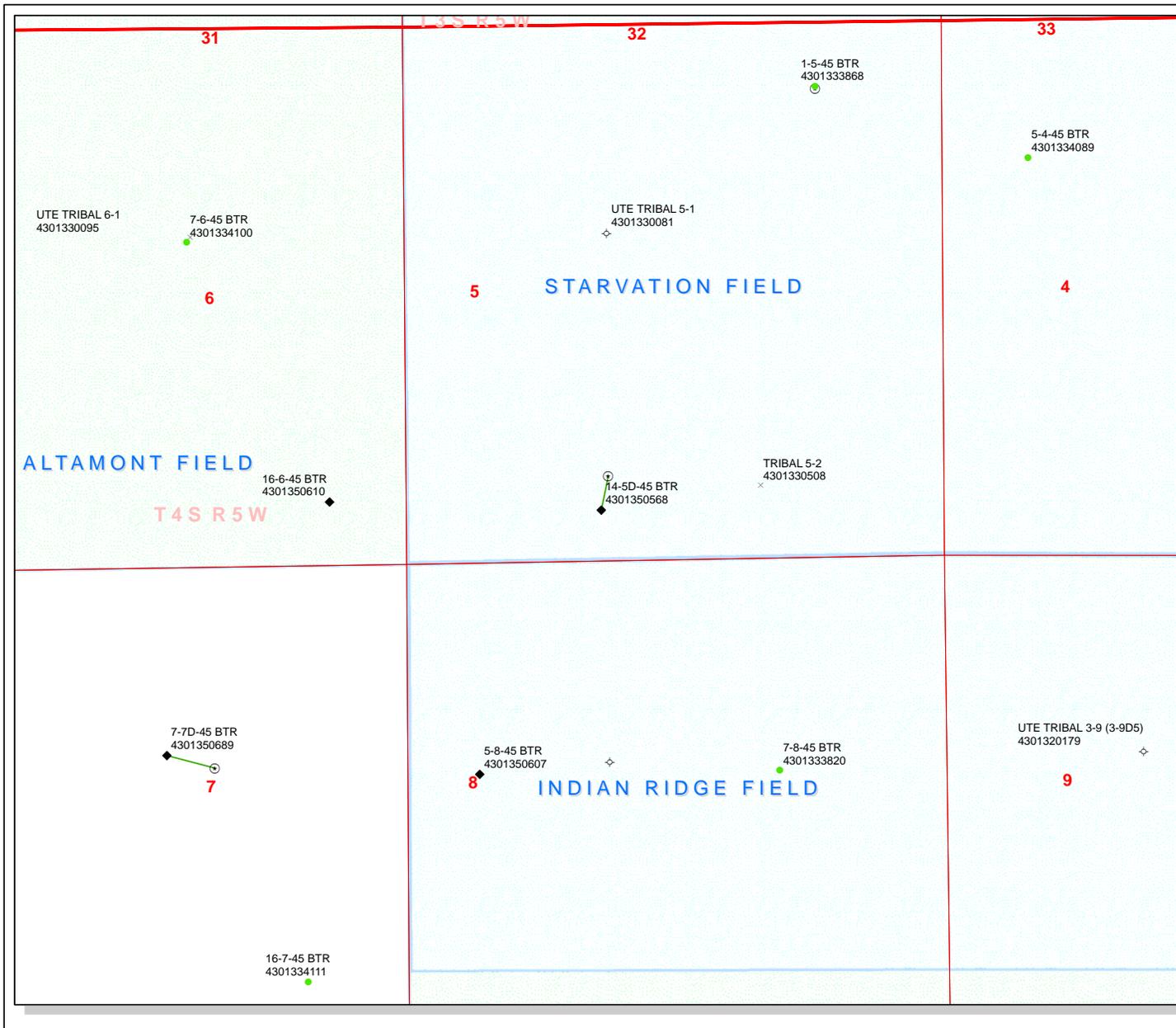
BBC hereby requests permission to change this location from a vertical well to a directional well. Because of this change we also request a name change from 14-5-45 BTR to 14-5D-45 BTR. See Directional Plan and Revised Plats attached. All other information will remain the same as previously approved.
 Requested Bottom Hole Footages: 810' FSL and 1980' FWL

Approved by the Utah Division of Oil, Gas and Mining

Date: 06/27/2011

By: 

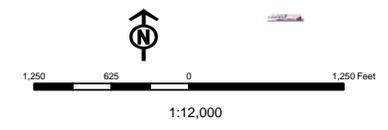
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 6/8/2011	



API Number: 4301350568
Well Name: 14-5D-45 BTR
 Township T0.4 . Range R0.5 . Section 05
Meridian: UBM
 Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



T4S, R5W, U.S.B.&M.

BILL BARRETT CORPORATION

Well location, #14-5D-45 BTR, located as shown in SE 1/4 SW 1/4 of Section 5, T4S, R5W, U.S.B.&M., Duchesne County, Utah.

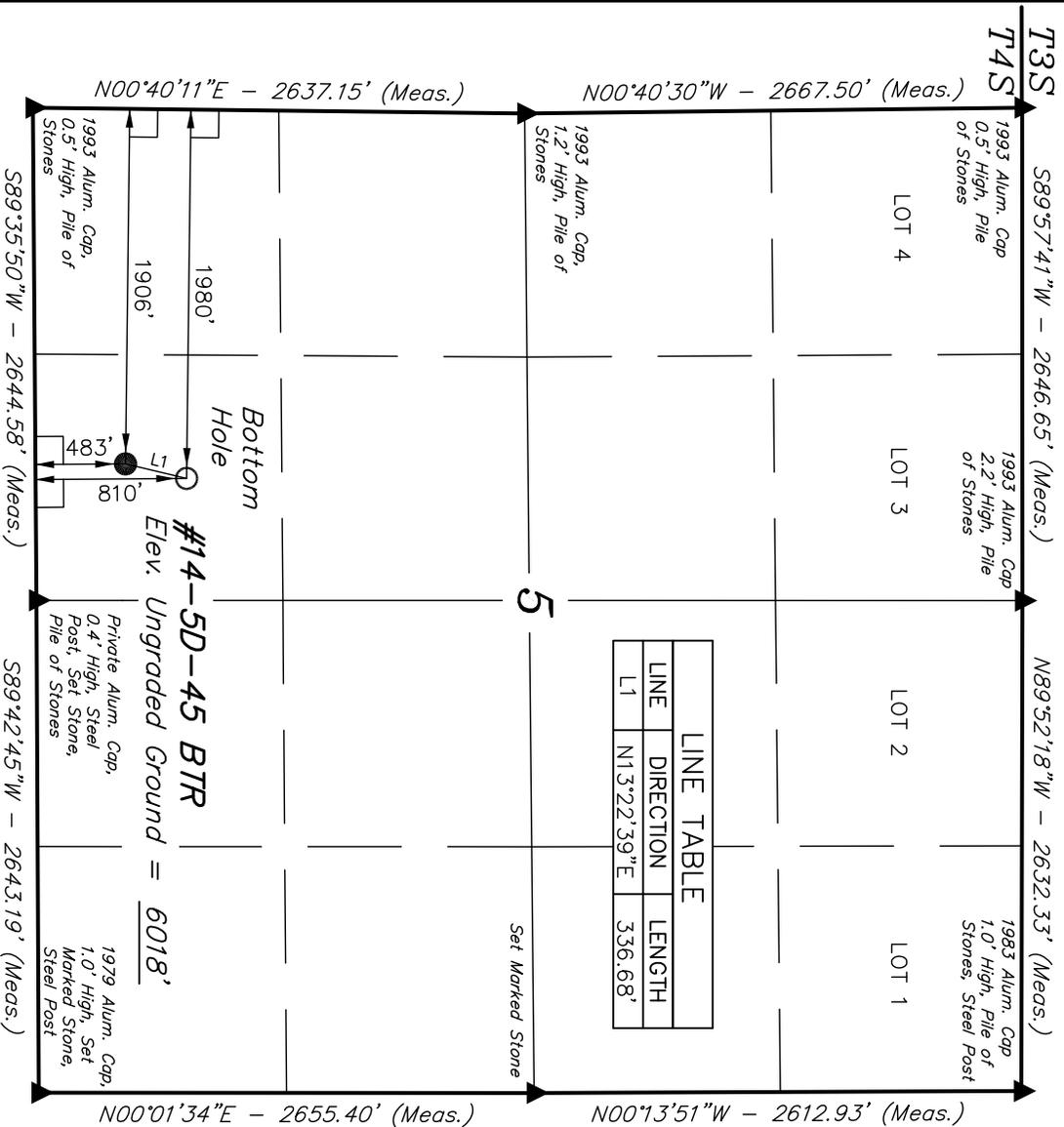
BASIS OF ELEVATION

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

BASIS OF BEARINGS

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

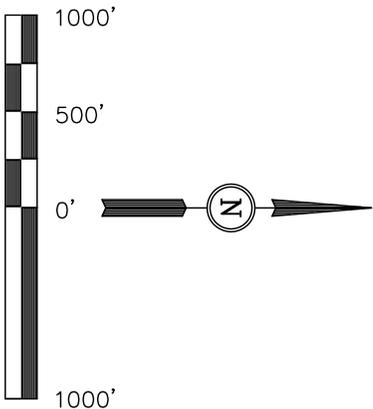
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N13°22'39"E	336.68'



LEGEND:

- ◻ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°09'25.33" (40.157036)	LATITUDE = 40°09'22.09" (40.156136)	LATITUDE = 40°09'22.09" (40.156136)	LATITUDE = 40°09'22.24" (40.156178)
LONGITUDE = 110°28'35.28" (110.476467)	LONGITUDE = 110°28'36.28" (110.476744)	LONGITUDE = 110°28'36.28" (110.476744)	LONGITUDE = 110°28'33.72" (110.476033)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°09'25.48" (40.157078)	LATITUDE = 40°09'22.24" (40.156178)	LATITUDE = 40°09'22.24" (40.156178)	LATITUDE = 40°09'22.24" (40.156178)
LONGITUDE = 110°28'32.72" (110.475756)	LONGITUDE = 110°28'33.72" (110.476033)	LONGITUDE = 110°28'33.72" (110.476033)	LONGITUDE = 110°28'33.72" (110.476033)



CERTIFICATE

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

ROBERT L. KANE
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

REVISED: 04-27-11

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

SCALE 1" = 1000'	DATE SURVEYED: 09-30-10	DATE DRAWN: 10-15-10
PARTY T.A. C.N. S.L.	REFERENCES G.L.O. PLAT	FILE BILL BARRETT CORPORATION
WEATHER WARM		

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

#14-5D-45 BTR

SECTION 5, T4S, R5W, U.S.B.&M.

483' FSL 1906' FWL

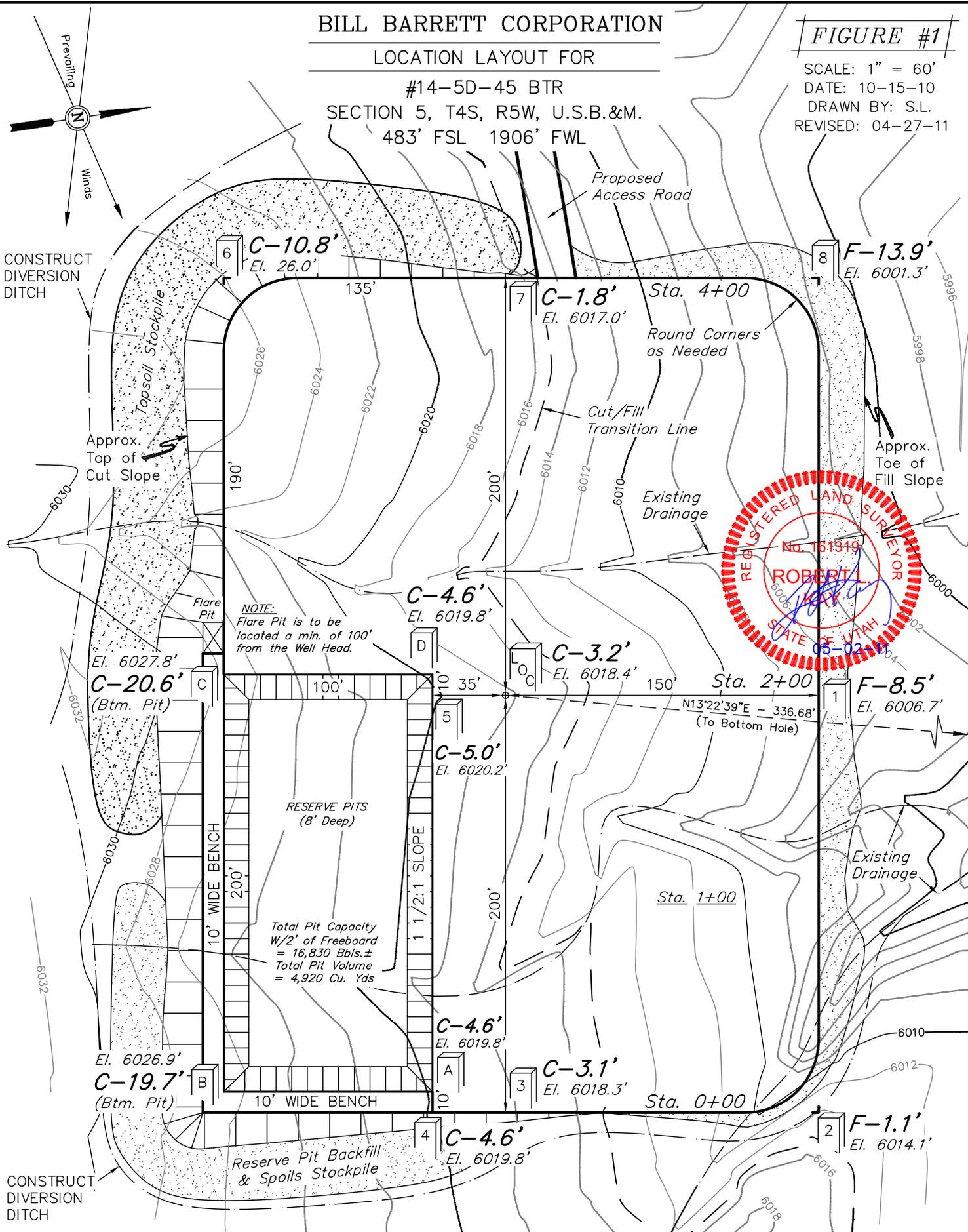
FIGURE #1

SCALE: 1" = 60'

DATE: 10-15-10

DRAWN BY: S.L.

REVISED: 04-27-11



Elev. Ungraded Ground At Loc. Stake = **6018.4'**
 FINISHED GRADE ELEV. AT LOC. STAKE = **6015.2'**

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 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

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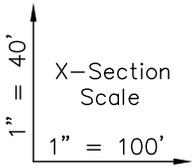
TYPICAL CROSS SECTIONS FOR

#14-5D-45 BTR

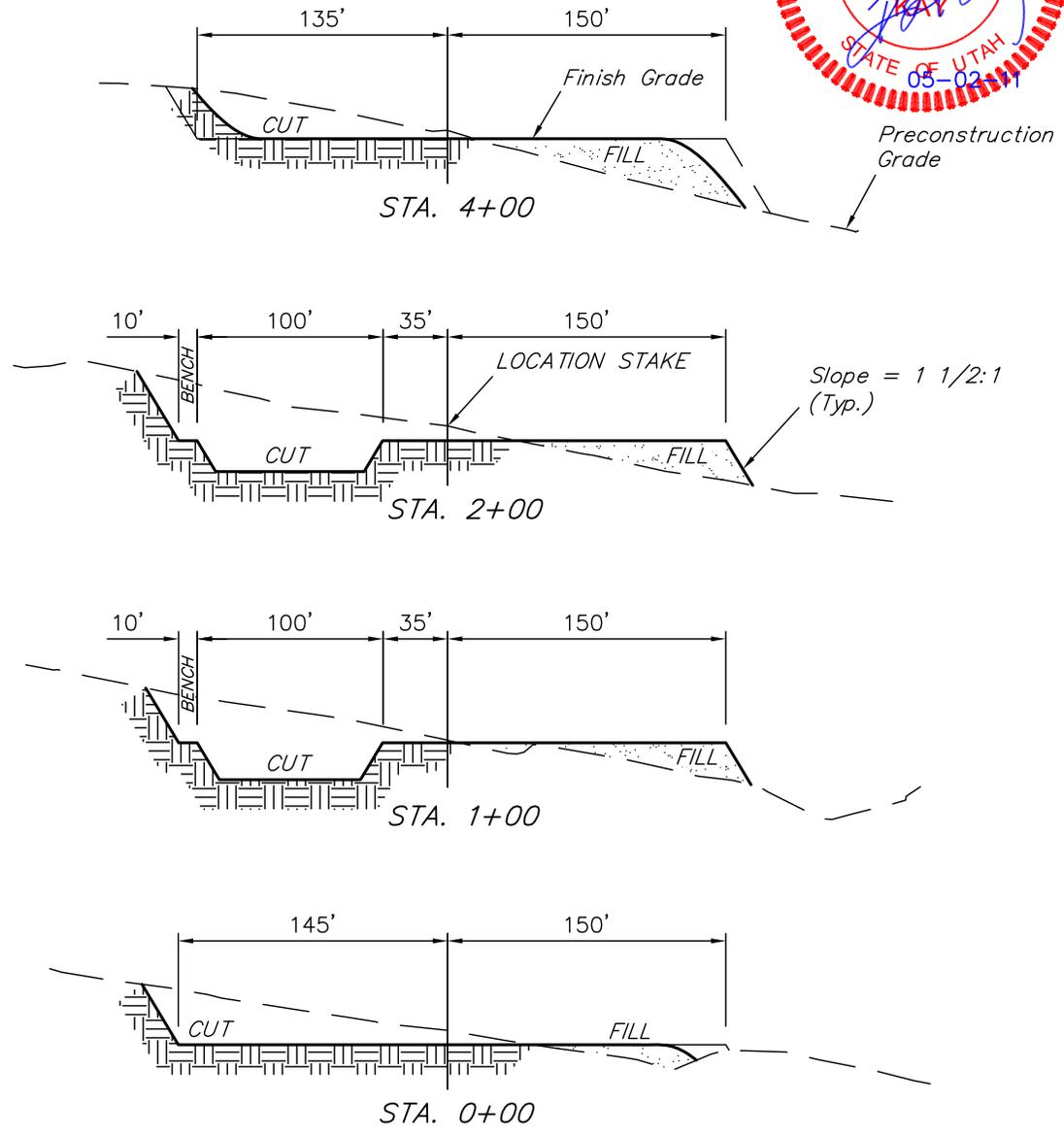
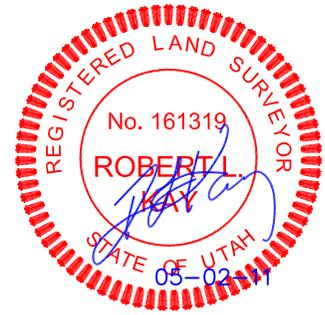
SECTION 5, T4S, R5W, U.S.B.&M.

483' FSL 1906' FWL

FIGURE #2



DATE: 10-15-10
DRAWN BY: S.L.
REVISED: 04-27-11



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.461 ACRES
ACCESS ROAD DISTURBANCE = ± 0.114 ACRES
PIPELINE DISTURBANCE = ± 0.117 ACRES
TOTAL = ± 3.692 ACRES

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping = 5,200 Cu. Yds.
Remaining Location = 17,370 Cu. Yds.
TOTAL CUT = 22,570 CU.YDS.
FILL = 14,610 CU.YDS.

EXCESS MATERIAL = 7,960 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 7,660 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 300 Cu. Yds.

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BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

#14-5D-45 BTR

SECTION 5, T4S, R5W, U.S.B.&M.

483' FSL 1906' FWL

FIGURE #3

SCALE: 1" = 60'

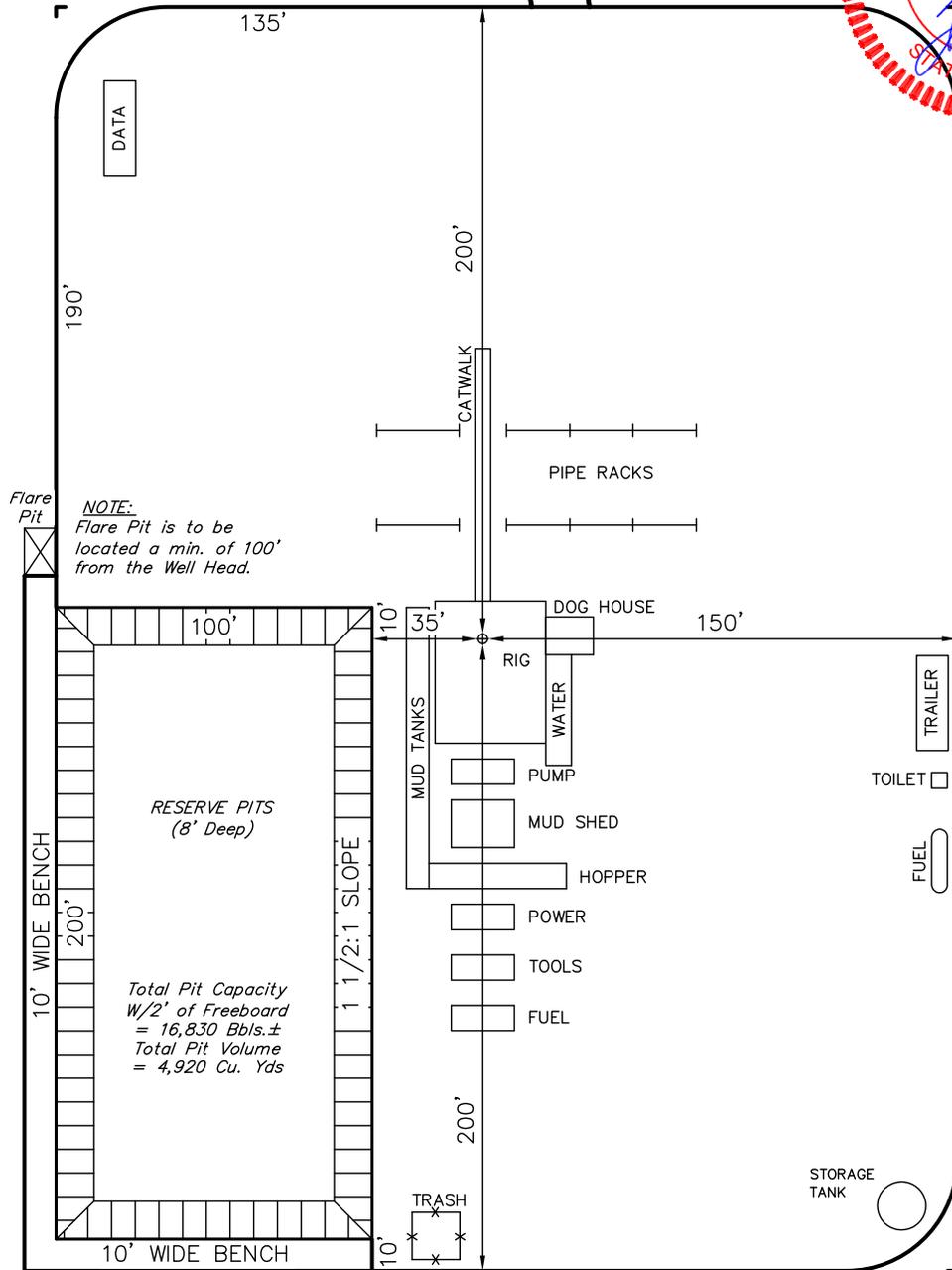
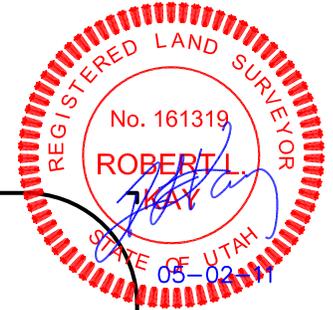
DATE: 10-15-10

DRAWN BY: S.L.

REVISED: 04-27-11



Proposed Access Road



UINTAH ENGINEERING & LAND SURVEYING

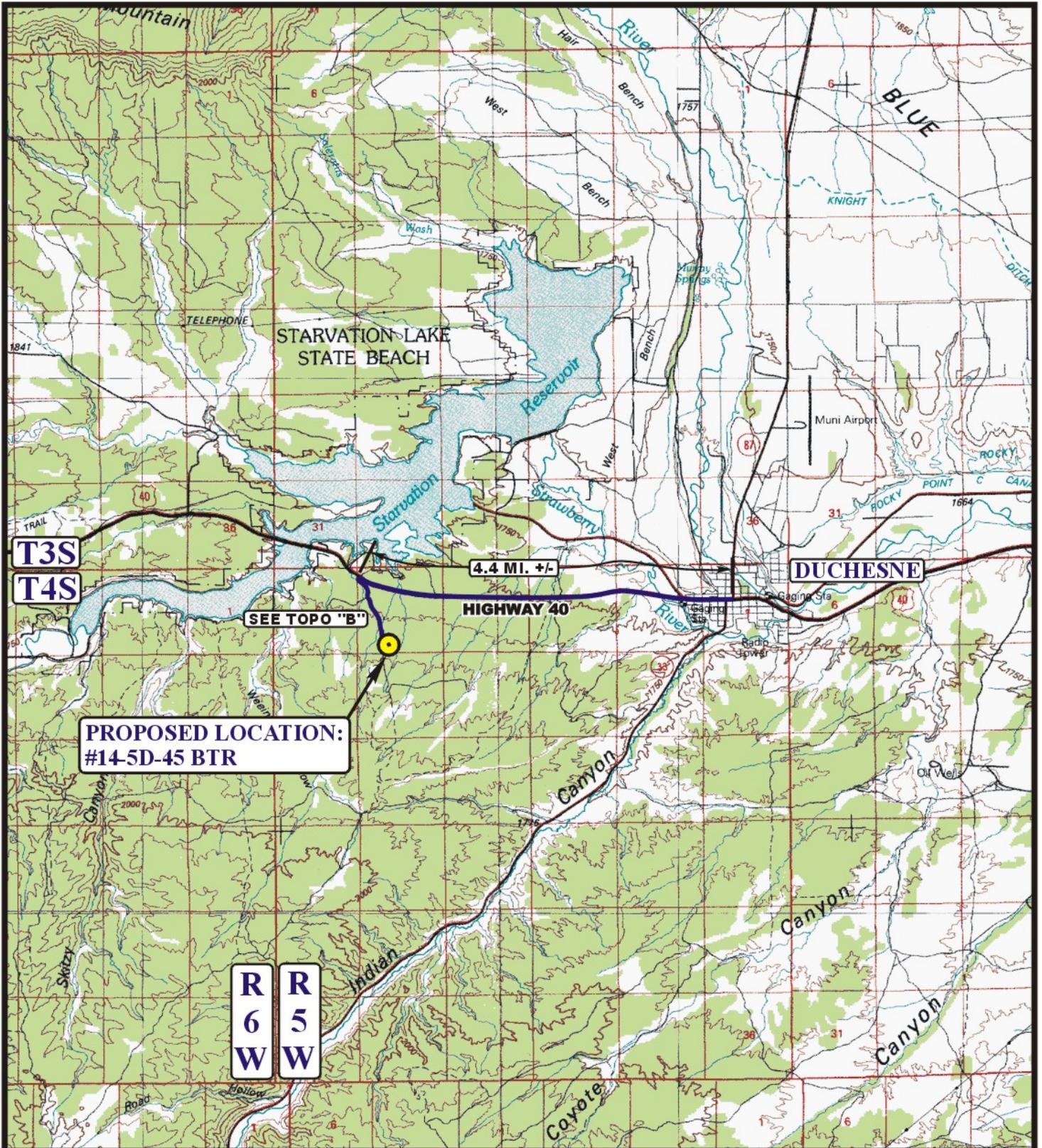
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BILL BARRETT CORPORATION
#14-5D-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 4.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTELY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 165' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 5.3 MILES.



**PROPOSED LOCATION:
#14-5D-45 BTR**

4.4 MI. +/-

LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

**#14-5D-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.
483' FSL 1906' FWL**



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

**TOPOGRAPHIC
MAP**

10 11 10
MONTH DAY YEAR

SCALE: 1:100,000

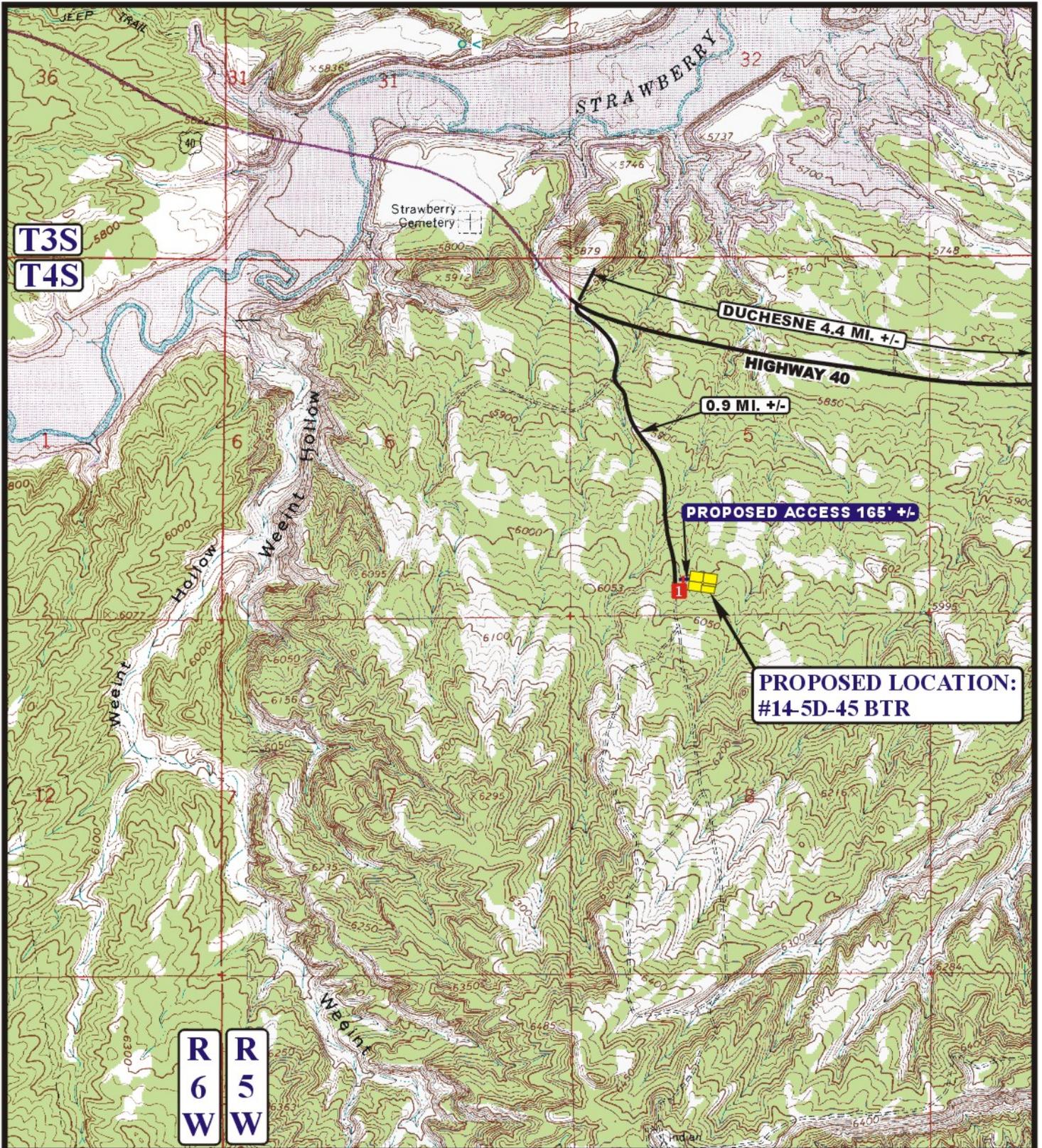
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REVISED: 04-29-11



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LEGEND:

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

BILL BARRETT CORPORATION

#14-5D-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.
483' FSL 1906' FWL



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TOPOGRAPHIC
MAP

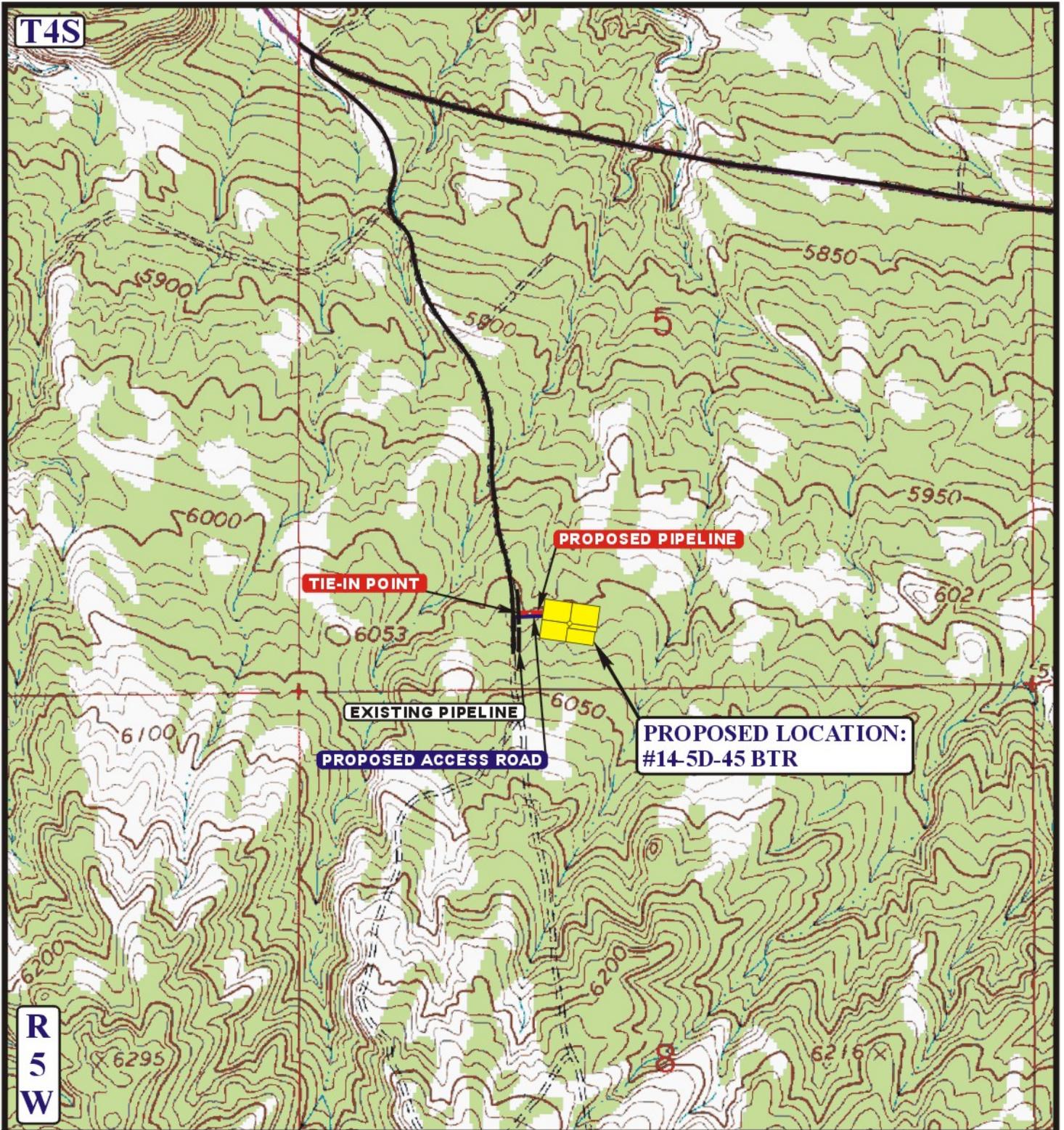
10 11 10
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 04-29-11

B
TOPO

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APPROXIMATE TOTAL PIPELINE DISTANCE = 195' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

BILL BARRETT CORPORATION

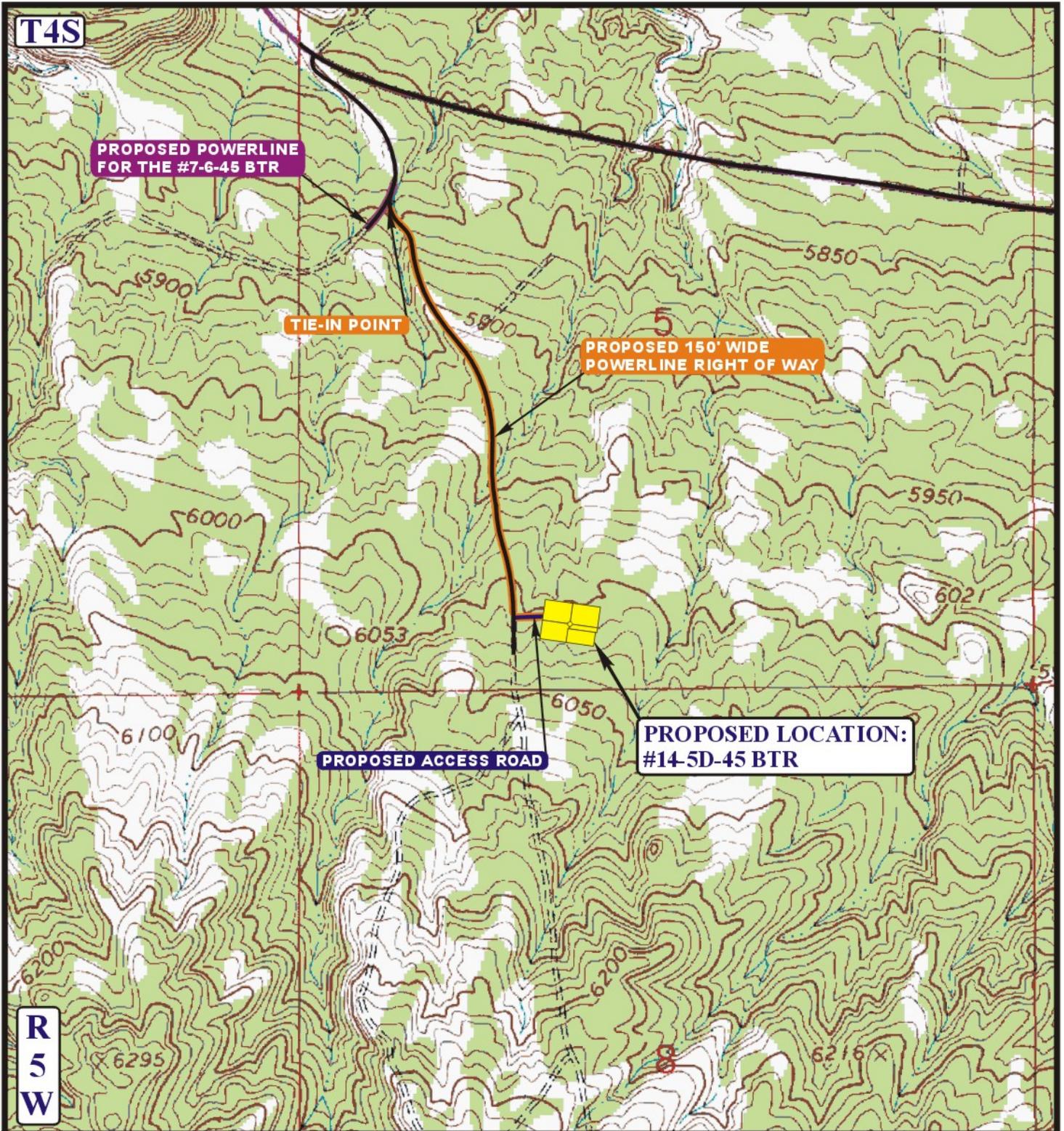
#14-5D-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.
483' FSL 1906' FWL

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



TOPOGRAPHIC MAP 10 11 10
 MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: J.J. REVISED: 04-29-11





APPROXIMATE TOTAL POWERLINE DISTANCE = 3,356' +/-

LEGEND:

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

BILL BARRETT CORPORATION

#14-5D-45 BTR
SECTION 5, T4S, R5W, U.S.B.&M.
483' FSL 1906' FWL



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TOPOGRAPHIC
MAP

11 03 10
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.J. REVISED: 04-29-11

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Bill Barrett Corp.

Duchesne County, UT [NAD27]

14-5D-45 BTR

Well #1 - 16' KB

Wellbore #1

Plan: plan1 03may11 rbw

Standard Planning Report

03 May, 2011



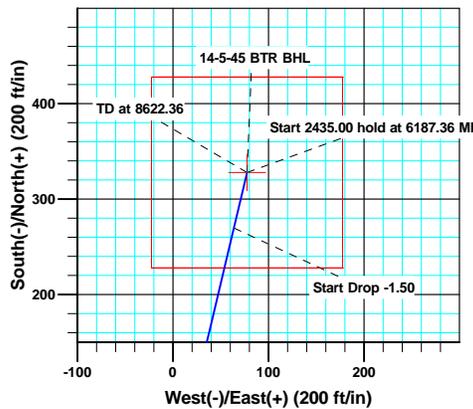
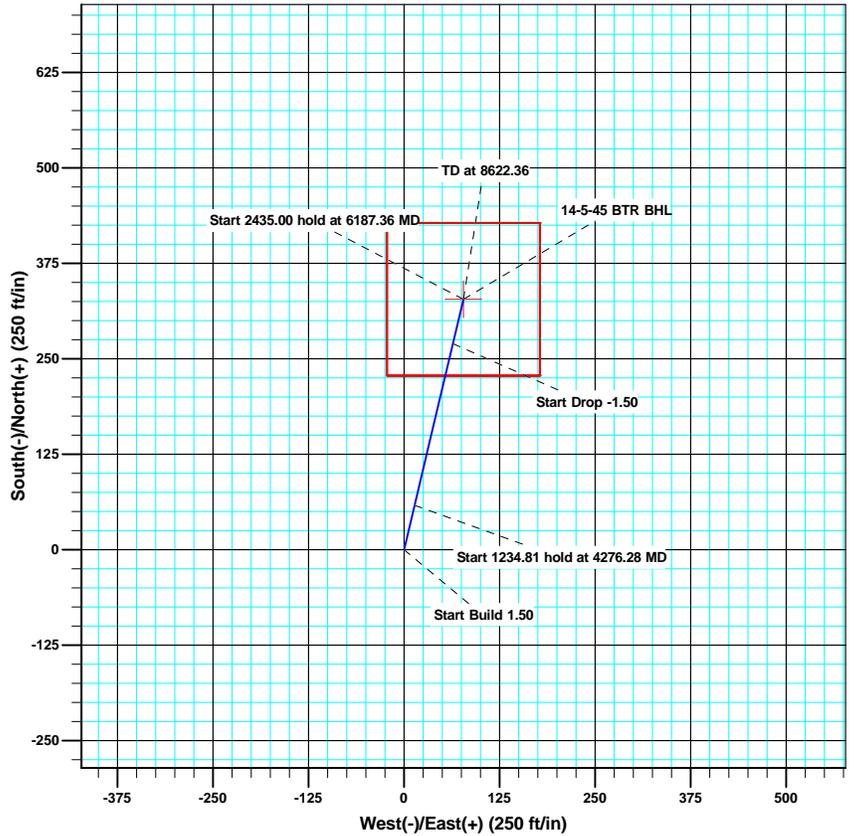
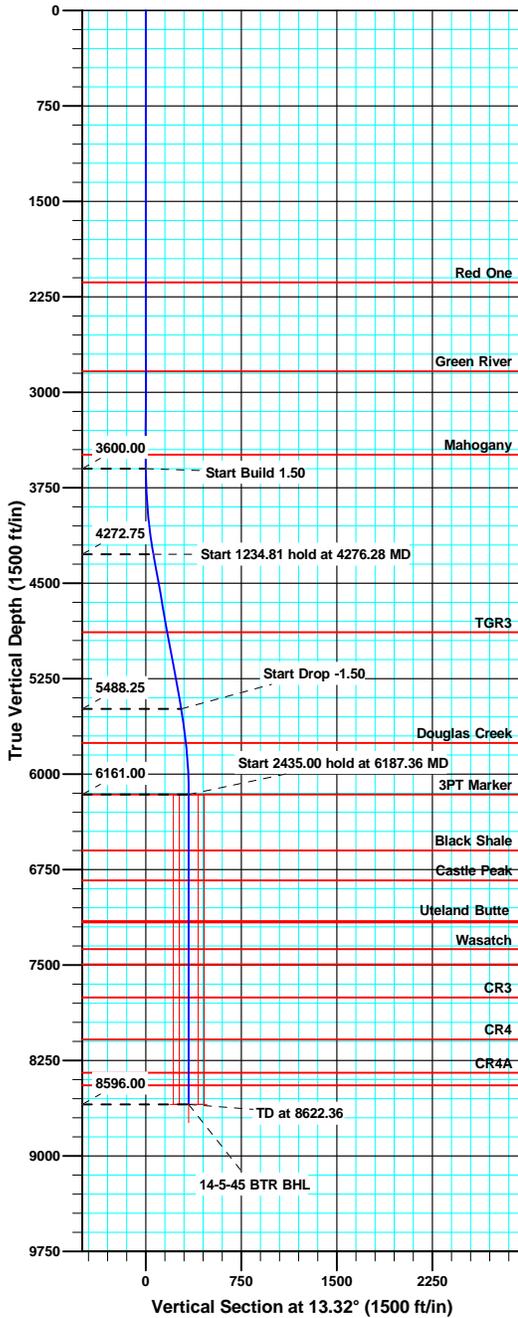
WELL DETAILS: 14-5D-45 BTR

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)



+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	665571.44	2286199.77	40° 9' 22.24 N	110° 28' 33.72 W

Ground Level: 6015.00 Well #1 - 16' KB



Azimuths to True North
Magnetic North: 11.51°

Magnetic Field
Strength: 52279.4snT
Dip Angle: 65.81°
Date: 5/3/2011
Model: IGRF2010

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	
4276.28	10.14	13.32	4272.75	58.10	13.76	1.50	13.32	59.71	
5511.08	10.14	13.32	5488.25	269.73	63.88	0.00	0.00	277.19	
6187.36	0.00	0.00	6161.00	327.83	77.64	1.50	180.00	336.90	
8622.36	0.00	0.00	8596.00	327.83	77.64	0.00	0.00	336.90	14-5-45 BTR BHL



Sharewell
Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Well #1 - 16' KB
Company:	Bill Barrett Corp.	TVD Reference:	KB @ 6031.00ft
Project:	Duchesne County, UT [NAD27]	MD Reference:	KB @ 6031.00ft
Site:	14-5D-45 BTR	North Reference:	True
Well:	Well #1 - 16' KB	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	plan1 03may11 rbw		

Project	Duchesne County, UT [NAD27]		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	14-5D-45 BTR				
Site Position:	Northing:	665,571.45 usft	Latitude:	40° 9' 22.24 N	
From:	Lat/Long	Easting:	2,286,199.77 usft	Longitude:	110° 28' 33.72 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	0.66 °

Well	Well #1 - 16' KB					
Well Position	+N/-S	0.00 ft	Northing:	665,571.45 usft	Latitude:	40° 9' 22.24 N
	+E/-W	0.00 ft	Easting:	2,286,199.77 usft	Longitude:	110° 28' 33.72 W
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	6,015.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/3/2011	11.51	65.81	52,279

Design	plan1 03may11 rbw			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	13.32

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,276.28	10.14	13.32	4,272.75	58.10	13.76	1.50	1.50	0.00	13.32	
5,511.08	10.14	13.32	5,488.25	269.73	63.88	0.00	0.00	0.00	0.00	
6,187.36	0.00	0.00	6,161.00	327.83	77.64	1.50	-1.50	0.00	180.00	
8,622.36	0.00	0.00	8,596.00	327.83	77.64	0.00	0.00	0.00	0.00	14-5-45 BTR BHL

Sharewell
Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Well #1 - 16' KB
Company:	Bill Barrett Corp.	TVD Reference:	KB @ 6031.00ft
Project:	Duchesne County, UT [NAD27]	MD Reference:	KB @ 6031.00ft
Site:	14-5D-45 BTR	North Reference:	True
Well:	Well #1 - 16' KB	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	plan1 03may11 rbw		

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)	
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.50										
3,700.00	1.50	13.32	3,699.99	1.27	0.30	1.31	1.50	1.50	1.50	0.00
3,800.00	3.00	13.32	3,799.91	5.09	1.21	5.23	1.50	1.50	1.50	0.00
3,900.00	4.50	13.32	3,899.69	11.46	2.71	11.77	1.50	1.50	1.50	0.00
4,000.00	6.00	13.32	3,999.27	20.36	4.82	20.92	1.50	1.50	1.50	0.00
4,100.00	7.50	13.32	4,098.57	31.80	7.53	32.68	1.50	1.50	1.50	0.00
4,200.00	9.00	13.32	4,197.54	45.76	10.84	47.03	1.50	1.50	1.50	0.00
4,276.28	10.14	13.32	4,272.75	58.10	13.76	59.71	1.50	1.50	1.50	0.00
Start 1234.81 hold at 4276.28 MD										
4,300.00	10.14	13.32	4,296.10	62.17	14.72	63.89	0.00	0.00	0.00	0.00
4,400.00	10.14	13.32	4,394.54	79.31	18.78	81.50	0.00	0.00	0.00	0.00
4,500.00	10.14	13.32	4,492.98	96.45	22.84	99.11	0.00	0.00	0.00	0.00
4,600.00	10.14	13.32	4,591.41	113.58	26.90	116.73	0.00	0.00	0.00	0.00
4,700.00	10.14	13.32	4,689.85	130.72	30.96	134.34	0.00	0.00	0.00	0.00
4,800.00	10.14	13.32	4,788.29	147.86	35.02	151.95	0.00	0.00	0.00	0.00
4,899.27	10.14	13.32	4,886.00	164.87	39.05	169.43	0.00	0.00	0.00	0.00
TGR3										
4,900.00	10.14	13.32	4,886.72	165.00	39.08	169.56	0.00	0.00	0.00	0.00
5,000.00	10.14	13.32	4,985.16	182.14	43.14	187.18	0.00	0.00	0.00	0.00
5,100.00	10.14	13.32	5,083.60	199.28	47.19	204.79	0.00	0.00	0.00	0.00
5,200.00	10.14	13.32	5,182.03	216.42	51.25	222.40	0.00	0.00	0.00	0.00
5,300.00	10.14	13.32	5,280.47	233.55	55.31	240.01	0.00	0.00	0.00	0.00
5,400.00	10.14	13.32	5,378.91	250.69	59.37	257.63	0.00	0.00	0.00	0.00
5,500.00	10.14	13.32	5,477.34	267.83	63.43	275.24	0.00	0.00	0.00	0.00
5,511.08	10.14	13.32	5,488.25	269.73	63.88	277.19	0.00	0.00	0.00	0.00
Start Drop -1.50										
5,600.00	8.81	13.32	5,575.95	283.98	67.25	291.83	1.50	-1.50	-1.50	0.00
5,700.00	7.31	13.32	5,674.96	297.62	70.48	305.85	1.50	-1.50	-1.50	0.00
5,781.60	6.09	13.32	5,756.00	306.88	72.68	315.37	1.50	-1.50	-1.50	0.00
Douglas Creek										
5,800.00	5.81	13.32	5,774.31	308.74	73.12	317.28	1.50	-1.50	-1.50	0.00
5,900.00	4.31	13.32	5,873.91	317.32	75.15	326.10	1.50	-1.50	-1.50	0.00
6,000.00	2.81	13.32	5,973.72	323.36	76.58	332.31	1.50	-1.50	-1.50	0.00
6,100.00	1.31	13.32	6,073.65	326.86	77.41	335.90	1.50	-1.50	-1.50	0.00
6,187.36	0.00	0.00	6,161.00	327.83	77.64	336.90	1.50	-1.50	-1.50	0.00
Start 2435.00 hold at 6187.36 MD - 3PT Marker										
6,200.00	0.00	0.00	6,173.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,273.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,373.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,473.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,573.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
6,627.36	0.00	0.00	6,601.00	327.83	77.64	336.90	0.00	0.00	0.00	0.00
Black Shale										
6,700.00	0.00	0.00	6,673.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,773.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
6,862.36	0.00	0.00	6,836.00	327.83	77.64	336.90	0.00	0.00	0.00	0.00
Castle Peak										
6,900.00	0.00	0.00	6,873.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	6,973.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,073.64	327.83	77.64	336.90	0.00	0.00	0.00	0.00
7,182.36	0.00	0.00	7,156.00	327.83	77.64	336.90	0.00	0.00	0.00	0.00
Uteland Butte										

Sharewell
 Planning Report


Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Well #1 - 16' KB
Company:	Bill Barrett Corp.	TVD Reference:	KB @ 6031.00ft
Project:	Duchesne County, UT [NAD27]	MD Reference:	KB @ 6031.00ft
Site:	14-5D-45 BTR	North Reference:	True
Well:	Well #1 - 16' KB	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	plan1 03may11 rbw		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,192.36	0.00	0.00	7,166.00	327.83	77.64	336.90	0.00	0.00	0.00
CR1									
7,200.00	0.00	0.00	7,173.64	327.83	77.64	336.90	0.00	0.00	0.00
7,300.00	0.00	0.00	7,273.64	327.83	77.64	336.90	0.00	0.00	0.00
7,400.00	0.00	0.00	7,373.64	327.83	77.64	336.90	0.00	0.00	0.00
7,402.36	0.00	0.00	7,376.00	327.83	77.64	336.90	0.00	0.00	0.00
Wasatch									
7,500.00	0.00	0.00	7,473.64	327.83	77.64	336.90	0.00	0.00	0.00
7,522.36	0.00	0.00	7,496.00	327.83	77.64	336.90	0.00	0.00	0.00
CR2									
7,600.00	0.00	0.00	7,573.64	327.83	77.64	336.90	0.00	0.00	0.00
7,700.00	0.00	0.00	7,673.64	327.83	77.64	336.90	0.00	0.00	0.00
7,782.36	0.00	0.00	7,756.00	327.83	77.64	336.90	0.00	0.00	0.00
CR3									
7,800.00	0.00	0.00	7,773.64	327.83	77.64	336.90	0.00	0.00	0.00
7,900.00	0.00	0.00	7,873.64	327.83	77.64	336.90	0.00	0.00	0.00
8,000.00	0.00	0.00	7,973.64	327.83	77.64	336.90	0.00	0.00	0.00
8,100.00	0.00	0.00	8,073.64	327.83	77.64	336.90	0.00	0.00	0.00
8,112.36	0.00	0.00	8,086.00	327.83	77.64	336.90	0.00	0.00	0.00
CR4									
8,200.00	0.00	0.00	8,173.64	327.83	77.64	336.90	0.00	0.00	0.00
8,300.00	0.00	0.00	8,273.64	327.83	77.64	336.90	0.00	0.00	0.00
8,372.36	0.00	0.00	8,346.00	327.83	77.64	336.90	0.00	0.00	0.00
CR4A									
8,400.00	0.00	0.00	8,373.64	327.83	77.64	336.90	0.00	0.00	0.00
8,472.36	0.00	0.00	8,446.00	327.83	77.64	336.90	0.00	0.00	0.00
CR5									
8,500.00	0.00	0.00	8,473.64	327.83	77.64	336.90	0.00	0.00	0.00
8,600.00	0.00	0.00	8,573.64	327.83	77.64	336.90	0.00	0.00	0.00
8,622.36	0.00	0.00	8,596.00	327.83	77.64	336.90	0.00	0.00	0.00
TD at 8622.36 - 14-5-45 BTR BHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
14-5-45 BTR BHL	0.00	0.00	8,596.00	327.83	77.64	665,900.15	2,286,273.65	40° 9' 25.48 N	110° 28' 32.72 W
- hit/miss target									
- Shape									
- plan hits target center									
- Rectangle (sides W200.00 H200.00 D2,435.00)									

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Well #1 - 16' KB
Company:	Bill Barrett Corp.	TVD Reference:	KB @ 6031.00ft
Project:	Duchesne County, UT [NAD27]	MD Reference:	KB @ 6031.00ft
Site:	14-5D-45 BTR	North Reference:	True
Well:	Well #1 - 16' KB	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	plan1 03may11 rbw		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,136.00	2,136.00	Red One		0.00		
2,836.00	2,836.00	Green River		0.00		
3,491.00	3,491.00	Mahogany		0.00		
4,899.27	4,886.00	TGR3		0.00		
5,781.60	5,756.00	Douglas Creek		0.00		
6,187.36	6,161.00	3PT Marker		0.00		
6,627.36	6,601.00	Black Shale		0.00		
6,862.36	6,836.00	Castle Peak		0.00		
7,182.36	7,156.00	Uteland Butte		0.00		
7,192.36	7,166.00	CR1		0.00		
7,402.36	7,376.00	Wasatch		0.00		
7,522.36	7,496.00	CR2		0.00		
7,782.36	7,756.00	CR3		0.00		
8,112.36	8,086.00	CR4		0.00		
8,372.36	8,346.00	CR4A		0.00		
8,472.36	8,446.00	CR5		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
3,600.00	3,600.00	0.00	0.00	Start Build 1.50	
4,276.28	4,272.75	58.10	13.76	Start 1234.81 hold at 4276.28 MD	
5,511.08	5,488.25	269.73	63.88	Start Drop -1.50	
6,187.36	6,161.00	327.83	77.64	Start 2435.00 hold at 6187.36 MD	
8,622.36	8,596.00	327.83	77.64	TD at 8622.36	



June 17, 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 #14-5D-45 BTR Well
Surface: 483' FSL & 1906' FWL, SESW, 5-T4S-R5W, USM
Bottom Hole: 810' FSL & 1980' FWL, SESW, 5-T4S-R5W, USM
Duchesne County, Utah

Dear Ms. Mason,

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

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

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

Sincerely,

A handwritten signature in blue ink that reads 'David Watts' with a stylized flourish at the end.

David Watts
Landman

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

Jun. 08, 2011

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: 14-20-H62-6261
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALMAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 7/10/2011 <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
This sundry is being submitted to notify that this well was spud on 7/10/2011 at 8:00 am by Triple A Drilling.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 7/11/2011	

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

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165
 Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202 Phone Number: (303) 312-8172

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350568	14-5D-45 BTR		SESW	5	4S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	18108	7/10/2011		7/20/11		
Comments: Spudding Operation was conducted by Triple A Drilling @ 8:00 am. GR-WS BHL-SESW							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

Title

7/11/2011

Date

RECEIVED

JUL 11 2011

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: 14-20-H62-6261
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALMAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/1/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <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"/> 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	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
July Monthly Activity to report: well spud. No other monthly activity to report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/4/2011	

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319
 Submitted By Glenn Randel Phone Number 970-623-7078
 Well Name/Number #13H-13-46 BTR
 Qtr/Qtr SE/SE Section 13 Township 4S Range 6W
 Lease Serial Number 1420H626368
 API Number 43-013-50468

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

RECEIVED

SEP 27 2011

DIV. OF OIL, GAS & MINING

Date/Time 09/26/2011 05:00 AM PM

BOPE

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

Date/Time 09/26/2011 16:00 AM PM

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# Patterson Rig 506
Submitted By Lawrence Lorenzen Phone Number 435-828-6095
Well Name/Number 14-5D-45 BTR
Qtr/Qtr SE/SW Section 5 Township 4S Range 5W
Lease Serial Number 2OG0005608
API Number 43-013-50568

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 09/26/11 0600 AM PM

BOPE

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

Date/Time 09/27/11 600 AM PM

Remarks

RECEIVED

SEP 29 2011

DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp. Rig Name/# Patterson Rig 506
Submitted By Lawrence Lorenzen Phone Number 435-828-6095
Well Name/Number 14-5D-45 BTR
Qtr/Qtr SE/SW Section 5 Township 4S Range 5W
Lease Serial Number 2OG0005608
API Number 43-013-50568

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

RECEIVED
OCT 04 2011
DIV. OF OIL, GAS & MINING

Date/Time 10/4/2011 _____ 1100 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks

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: 14-20-H62-6261
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 14-5D-45 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013505680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2011	<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: <input type="text"/>
		<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
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Attached is the September 2011 monthly drilling activity report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 10/4/2011

**14-5D-45 BTR 9/22/2011 03:00 - 9/22/2011 06:00**

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 8,707.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
03:00	4.00	07:00	1	RIGUP & TEARDOWN	Wait on daylight to begin rig move. RD rig and equipment.	
07:00	12.00	19:00	1	RIGUP & TEARDOWN	Rig down and move off of 7/26/37 BTR, rig 90% over to 14-5-45 BTR with mats, mud tanks and pony subs set	

14-5D-45 BTR 9/23/2011 06:00 - 9/24/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 8,707.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	21.50	03:30	1	RIGUP & TEARDOWN	Finish setting sub, rig up. Derrick up @ 1700 hrs. Rig up.	
03:30	2.50	06:00	22	OPEN	Weld on conductor, Fill pits etc.	

14-5D-45 BTR 9/24/2011 06:00 - 9/25/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 8,707.0	Primary Job Type Drilling & Completion
-------------------------	------------------------	--------------------	--------------------------------	-------------	-------------------------------	---

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	20	DIRECTIONAL WORK	Pickup BHA, Lost 6 hrs waiting on float sub.	
15:00	1.50	16:30	2	DRILL ACTUAL	Drlg 80-134'	
16:30	1.00	17:30	20	DIRECTIONAL WORK	Pickup and orient dir tools.	
17:30	1.00	18:30	2	DRILL ACTUAL	Drlg 134-170'.	
18:30	0.50	19:00	7	LUBRICATE RIG	Rig service	
19:00	11.50	06:30	2	DRILL ACTUAL	Drlg 170-756' Minimal sliding required	

14-5D-45 BTR 9/25/2011 06:00 - 9/26/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 8,707.0	Primary Job Type Drilling & Completion
-------------------------	------------------------	--------------------	--------------------------------	-------------	-------------------------------	---

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.00	15:00	2	DRILL ACTUAL	Drlg 756-1284'. Sliding as needed, Trying to drift south	
15:00	0.50	15:30	7	LUBRICATE RIG	Rig service	
15:30	6.50	22:00	2	DRILL ACTUAL	Drlg 1284-1521'. P-rate down to 20'/hr, Diff press. down.	
22:00	3.50	01:30	6	TRIPS	Pump pill and TOH. Bit has chipped and broken cutters on shoulder. Pickup Smith G25W insert bit and Sperry 3/4 lobe 6.0 stage .22 rpg motor. TIH resume drlg.	
01:30	1.50	03:00	2	DRILL ACTUAL	Drlg 1521-1534	

14-5D-45 BTR 9/26/2011 06:00 - 9/27/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 8,707.0	Primary Job Type Drilling & Completion
-------------------------	------------------------	--------------------	--------------------------------	-------------	-------------------------------	---

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	9.50	15:30	2	DRILL ACTUAL	Drlg 1534-1947', 43.5 fph.	
15:30	0.50	16:00	7	LUBRICATE RIG	Rig service	
16:00	14.00	06:00	2	DRILL ACTUAL	Drlg 1947-2433'. 35 fph	

14-5D-45 BTR 9/27/2011 06:00 - 9/28/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 8,707.0	Primary Job Type Drilling & Completion
-------------------------	------------------------	--------------------	--------------------------------	-------------	-------------------------------	---

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.00	08:00	2	DRILL ACTUAL	Drlg 2433-2518	
08:00	1.00	09:00	5	COND MUD & CIRC	Pump sweep and circ clean for csg.	
09:00	0.50	09:30	7	LUBRICATE RIG	Rig service	
09:30	3.50	13:00	6	TRIPS	TOH for sfc csg. Laydown 14.5/8" reamers and 9 5/8" motor	
13:00	9.50	22:30	12	RUN CASING & CEMENT	HSM rig up casers. Run 61 jts 10 3/4" 45.5# J55 Buttress csg with float equipment. Land @ 2513'. HSM rig up HES. Pressure test lines to 5K, pump spacer, 40 bbl superflush, 20 bbl spacer then cmt in place with 705 sks (397 bbls) 11# lead cmt and 405 sks (100bbls) 14.8# tail cmt. Displace with 237 bbl mud. Bump plug and check floats. 200 bbls cmt to surface. Top out with 100 sks 15.8# G with 2% cal.	
22:30	4.00	02:30	13	WAIT ON CEMENT	Wait on cmt. Prep to N/U BOP	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
02:30	2.50	05:00	21	Weld on csg head	Cut conductor and csg, weld on csg head.

14-5D-45 BTR 9/28/2011 06:00 - 9/29/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status	Total Depth (ftKB) 8,707.0	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	21	OPEN	Weld on csg head, N/U BOP and test Test BOP as follows; pipe rams, blind rams, kill line valves, HCR valves, floor safety valves, choke manifold to 5000#. Test annular to 2500# and csg to 1500#. Test upper and lower Kelly valves to 5000#. Had to tighten bottom flange on BOP and retest. Held good. Test csg to 1500#.
18:00	0.50	18:30	21	OPEN	Install wear bushing
18:30	7.00	01:30	6	TRIPS	P/U bit and motort, adjust angle of motor to 1.5°. Orient dir tools. TIH Motor Hunting 8" 7/8 lobe 4.0 stage .17 RPG, 8.7" bit to bend
01:30	4.00	05:30	2	DRILL ACTUAL	Drill out shoe jt and drill to 2535'. Do FIT test to 10.5# equivalent. Held good.
05:30	0.50	06:00	2	DRILL ACTUAL	Drlg 2535-2553

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: 14-20-H62-6261
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALMAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <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"/> 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	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
October 2011 monthly drilling activity report attached.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 11/2/2011	

**14-5D-45 BTR 10/1/2011 06:00 - 10/2/2011 06:00**

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	Drlg 5377-5694'. 317' in 6.5 hrs Rotated 294' in 5.75 hrs 51 fph, slid 23' in .75 hrs. 30 fph.9.79* 9.6 azi.
12:30	0.50	13:00	7	LUBRICATE RIG	Rig Service, function test BOP
13:00	17.00	06:00	2	DRILL ACTUAL	Drlg 5694-6487' 793' in 17 hrs Rotated 709' in 14.7 hrs 54 fph, slid 84' in 2.3 hrs 36.5 fph. Well back to vertical @ 6200'

14-5D-45 BTR 10/2/2011 06:00 - 10/3/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	Drlg 6487-6963'. 476', Rotated 426' in 7 hrs 61 fph, Slid 50' in 1 hr 50 fph. Max dev 1.1*, Max DLS 1.55
14:00	0.50	14:30	7	LUBRICATE RIG	Rig Service, Function test BOP
14:30	15.50	06:00	2	DRILL ACTUAL	Drlg 6963-7692, 729', rotated 629' in 12.25 51 fph, slid 100' in 3.25 hrs 31 fph, Max dev 1.16*, Max DLS 1.78, Lost 100 bbls mud @ 7600'.

14-5D-45 BTR 10/3/2011 06:00 - 10/4/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.50	14:30	2	DRILL ACTUAL	Drlg 7692-8073', 381' in 8.5 hrs, Rotated 288' in 5.7 hrs 50 fph, slid 93' in 2.8 hrs 33 fph, Max dev 1.46*, Max DLS 1.69
14:30	0.50	15:00	7	LUBRICATE RIG	Rig service, function test BOP
15:00	15.00	06:00	2	DRILL ACTUAL	Drlg 8073-8707', 634' in 15 hrs. Rotated 569' in 11.8 hrs 48 fph, Slid 65' in 3.2 hrs 20 fph

14-5D-45 BTR 10/4/2011 06:00 - 10/5/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	Drlg 8707-8838',.
09:00	8.50	17:30	5	COND MUD & CIRC	Lost returns, (450 bbls) Mix and pump LCM, regained circulation. Was bringing traces of parafin and carrying 7-9k units of gas. Circulate and bring mud wt up to 9.9#/gallon.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig service, function test BOP
18:00	6.00	00:00	5	COND MUD & CIRC	Begin TOH, pipe pulling wet, pickup kelly and pump thru bit. Mix and pump new pill. TOH to csg shoe, circ bottoms up.
00:00	4.00	04:00	6	TRIPS	TIH, Clrc bottoms up @ 5600'. TIH to 8801 kelly up and wash down.
04:00	2.00	06:00	5	COND MUD & CIRC	Circulate trip gas out (7k units). Mix and pump pill for TOH to log.

14-5D-45 BTR 10/5/2011 06:00 - 10/6/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	6	TRIPS	Pump pill and TOH for logs.
11:00	0.50	11:30	21	Pull wear ring	Pull wear ring
11:30	0.50	12:00	7	LUBRICATE RIG	Rig service, function test BOP
12:00	4.00	16:00	11	WIRELINE LOGS	Rig up HES RIH Quad-Combo. hit bridge at 4194. Attempt to work through. No success. POH
16:00	5.50	21:30	6	TRIPS	TIH. Break circulation @ 2500' and 5500'. Hit bridge @ 4200 and 5300. TIH to bottom.
21:30	2.50	00:00	5	COND MUD & CIRC	Circulate bottoms up. Watch shakers till clean. Had 7000 units trip gas. No losses
00:00	4.00	04:00	6	TRIPS	Pump pill and TOH for logs.
04:00	2.00	06:00	11	WIRELINE LOGS	Rig up HES and RIH Quad-Combo

**14-5D-45 BTR 10/6/2011 06:00 - 10/7/2011 06:00**

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	11	WIRELINE LOGS	Run Quad combo log with HES loggers. Logger TD at 8854'. RD loggers.
10:30	5.50	16:00	6	TRIPS	TIH to TD. Found TD at 8842'
16:00	2.00	18:00	5	COND MUD & CIRC	Circ x Cond mud to run casing. Adjust TD to reflect pipe talley. Safety meeting. RU LD crew x equipment.
18:00	8.00	02:00	6	TRIPS	Safety meeting with LD crew and new rig crew. POOH, LDDP.
02:00	4.00	06:00	12	RUN CASING & CEMENT	Safety meeting with casing crew. RU casing crew. Run 5-1/2", 17#, P110, LTC casing. Approximately 3500' run at report time.

14-5D-45 BTR 10/7/2011 06:00 - 10/8/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	12	RUN CASING & CEMENT	Finish running production casing. Tag bottom at 8854' casing tally measure. PU and land casing at 8836' casing tally. RD casing crew and LD machine.
10:00	3.00	13:00	5	COND MUD & CIRC	RU circ lines. Circ x Cond mud and hole to cement. Shake out LCM to 5%. RU HES while C x C mud.
13:00	3.50	16:30	12	RUN CASING & CEMENT	Finish RU HES. Safety meeting with all personnel. Test lines to 5000 psig. Pump 10 bbl water spacer, 40 bbl super flush, 20 bbl water spacer, 438 bbl (1060 sxs) lead slurry at 11.0 ppg, 208 bbl (815 sxs) tail slurry at 13.5 ppg. Drop plug. Displace cement with 203 bbls 2% KCL with biocide added. Bump plug with 1500 psig with proper displacment. Pressure to 3000 psig. Hold 5 minutes and bled to zero. Floats holding ok. Bled back 2 bbls. Full returns thru job until 43 bbls remaining in displacement. took 14.5 bbls water to fill hole on backside. Estimated TOC at 215'. RD HES. Wash stack and flow line. Some small amounts of cement in stack and flowline.
16:30	3.50	20:00	21	OPEN	ND BOP's. Final string weight 130k. Set slips with 160k. Make rough cut. Pull BOP's. Install night cap on wellhead.
20:00	4.00	00:00	22	OPEN	Clean rig pits. Release rig at midnight. Final report.

14-5D-45 BTR 10/11/2011 06:00 - 10/12/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	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	Cameron Wellhead tech travel to location, Cleaned out rat holes Back filled cellar ring and rat holes with gravel. Safety with wellhead crew, Checked for LEL & pressures on 11" x 5k flange, 0 psi on 11" flange and surface casing was on a vacuum. Remove 11" night cap, completed rough cut of 5.5" casing stub. dressed 5.5' casing top. Installed 11" x 5k x 7 1/16" x 5k B-section. pressure tested 11" hanger seals and 5.5" void section to 5000 psi, held each test for 5 minutes. good test. secured 7 1/16" top flange with a night cap, and secured wellhead.

14-5D-45 BTR 10/12/2011 06:00 - 10/13/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com

14-5D-45 BTR 10/13/2011 06:00 - 10/14/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	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 With NightCap.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
08:00	5.00	13:00	LOGG	Logging	SLB W/L Crew MIRU, Hold Safety Meeting., R/U E-Line Equipment, P/Up 4.65' Gauge Ring & Junk Basket, RIH tag PBTD @ 8700', Float Collar At 8749'. POOH With Junk Basket And G/R. P/U CBL/CCL/GR Logging Tools, RIH to PBTD @ 8700', Ran Tie In Pass From 8700' to 8450', Ran Main Pass With 1000# Held On Casing. Completed Tie In To Open Hole Log, HES Spectral Density/ Dual Spaced Neutron Dated 10/07/2011, Ran Main Pass From 8700' To 100'. Good Cement From 8700' to 5300', Average From 5300 To 3750', Poor To Very Poor From 3750' To 2400'. TOC - 2400', Located 3 short jts @ 6233' to 6255', 7484' to 7506', 8111' to 8121'.	
13:00	5.00	18:00	GOP	General Operations	Light Construction Crew Working On Facilities For Day. Bringing In Tanks For Frac Line	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.	

14-5D-45 BTR 10/14/2011 06:00 - 10/15/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Prod. Crews Working On Facilities, Finish Spotting Frac Line And Staging Area, Filling With Water.	

14-5D-45 BTR 10/15/2011 06:00 - 10/16/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Prod. Crews Working On Facilities, Rig-Up Fall Protection On Frac Line, Con't Filling With Pad And Staging Area With Water.	

14-5D-45 BTR 10/16/2011 06:00 - 10/17/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	Prod. Crews Working On Facilities, Set Frac Mandrel And Test Upper And Lower Seals, Set Frac Tree. MIRU Delsco Flowback And Sand Trap, R/U Fill Manifolds For Frac Line.	

14-5D-45 BTR 10/17/2011 06:00 - 10/18/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	MIRU Delsco FlowBack And Sand Trap. Pressure Test. Pressure Test Casing/Frac Tree. Spotted Storage Tanks, Built Berms Around Those And Open Tops. Construction Crews Finishing Up On Facilities. HES Set Manifold. WSI And Secured.	

14-5D-45 BTR 10/18/2011 06:00 - 10/19/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.50	06:30	LOCL	Lock Wellhead & Secure	WSI And Secured. No Activity	
06:30	1.50	08:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment, Hold Safety Meeting. R/U Lubricator And Pressure Control, R/U To Well,	
08:00	0.67	08:40	PTST	Pressure Test	Pressure Test Lubricator To 4500#. Arm Gun, NU To Well	
08:40	1.17	09:50	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 10-06-2011 And SLB CBL/CCL Dated 10-13-2011, Found And Correlated To Marker Joints At 6233' to 6255', 7484' to 7506', And 8111' to 8121'. Drop Down To Depth And Shoot Stage 1 CR-5/CR-4A/CR-4 Zone As Follows: 8395 - 8396, 8411 - 8412, 8427 - 8428, 8459 - 8460, 8475 - 8476, 8483 - 8484, 8501 - 8502, 8525 - 8526, 8552 - 8553, 8581 - 8582, 8614 - 8616, 8626 - 8628, 8643 - 8644, 8665 - 8666. 48 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.	
09:50	8.17	18:00	GOP	General Operations	Prod. Crews Finishing Up On Prod. Facilities,	



Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured, SDFD.		
14-5D-45 BTR 10/19/2011 06:00 - 10/20/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Waiting on frac sand, move e-line equipment off of location, Construction crews are insulating production tanks.		
14-5D-45 BTR 10/20/2011 06:00 - 10/21/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Frac tree shut in and secured. waiting on frac sand.		
14-5D-45 BTR 10/21/2011 06:00 - 10/22/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured, waiting on scheduled frac date.		
14-5D-45 BTR 10/22/2011 06:00 - 10/23/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured, waiting on scheduled frac date.		
14-5D-45 BTR 10/23/2011 06:00 - 10/24/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured, waiting on scheduled frac date.		
14-5D-45 BTR 10/24/2011 06:00 - 10/25/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured, waiting on scheduled frac date.		
14-5D-45 BTR 10/25/2011 06:00 - 10/26/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured, waiting on scheduled frac date.		
14-5D-45 BTR 10/26/2011 06:00 - 10/27/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	
Time Log							
Start Time	Dur (hr)	End Time	Code	Category	Com		
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured, waiting on scheduled frac date.		
14-5D-45 BTR 10/27/2011 06:00 - 10/28/2011 06:00							
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type	
43-013-50568	Utah	Duchesne	Black Tail Ridge	COMPLETION	8,838.0	Drilling & Completion	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured. Finished setting up SLB e-line. Heated production water tanks to 70*. MIRU Halliburton Frac equipment. Off loaded Frac sand. Heat Frac tanks on staging area.

14-5D-45 BTR 10/28/2011 06:00 - 10/29/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	LOCL	Lock Wellhead & Secure	Started up Frac equipment, Issues with blender fuel pump, Worked on getting blender to start. Ran QA/QC Fluid checks, fluid system on the Hydro Pressure tested treating iron to 6000 found leak in 3" line, had to replace rubber gasket, attempted to repressure, 4" 1002 on goat head was leaking. replaced gasket. Repressure tested treat iron to 9130#. good test. Safety meeting with frac crew, reviewed hazards on location and JSA.
08:30	1.75	10:15	FRAC	Frac. Job	Pressure tested treating iron @ 9130 psi. Stg # 1 of 9, Zone Stg CR-4 Water Temp @ 70 *, Open Well @ 8:54 Hrs, @ 810 psi, 0 Surface and Frac Mandrel, 0 psi, Formation Break Down @ 4.8 bpm, 2514 psi. Started on 15%HCL @ 19.8 bpm 2835 psi, Pumped Bioballs @ 10.8 bpm 2253 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 96, Seen good ball action when ball hit perfs. surged balls off perfs three times. shut down for 15 min. Started on 3% KCL / Produce Water pad @ 70.1 bpm, 3830 psi. shut down 10,000 gals into stg due to a leaking fluid end cap. open perfs, Open Perforation = 39 out of 48 shots, ISIP = 2394 psi, .72 Frac Gradient. Started on X-link pad @ 71.4 bpm, 4242 psi. Start 2#/ Gal 20/40 CRC, 70.9 bpm, 4010 psi 2# 70.9 bpm, 4010 psi 2# On perfs bpm 70.9 @ 3939 psi 3# 70.9 bpm, 3915 psi 3# On perfs bpm 70.9 @ 3704 psi 3.5# 71.0 bpm, 3726 psi 3.5# On perfs bpm 71.0 @ 3683 psi 4# 71.0 bpm, 3688 psi 4# On perfs bpm 71.9 @ 3651 psi On Flush @ 72.8 bpm, 3814 psi Final Injection, 72. bpm, 4024 psi Open Perforation = 47 out of 48 shots, ISDP, 2647 psi, 0.75 Frac Gradient. Max Rate 74.5 bpm, Max Pressure 7724 psi. Avg Rate 69.9 bpm, Avg Pressure 3820 psi Total X-link fluids pumped:1600 bbls Total produce water pumped:1690 bbls Total fluid in bbls pumped: 3399 bbls Total Sand pumped, 20/40 = 156,800# of CRC. Job was pumped as designed, Turned well over to E-line.
10:15	1.50	11:45	PFRT	Perforating	R/U E-line, P/up stg #2, 4.625" 10K Fast Drill CBP and Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip from CBL/CCL/GR log reference on 10/13/11. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8380', with 2200 psi, pulled up and perforated stg #2 intervals from 8156' to 8350'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #2.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
11:45	1.75	13:30	FRAC	Frac. Job	Pressure tested treating iron @ 8530 psi. Stg # 2 of 9, Zone Stg CR-3 & CR-4 Water Temp @ 70 *. Open Well @ 12:05 Hrs, @ 2250 psi, 0 Surface and Frac Mandrel, 0 psi. Formation Break Down @ 4.8 bpm, 2866 psi. Started on 15%HCL @ 10 bpm 2571 psi, Pumped Bioballs @ 18 bpm 3001 psi. Total Bbls of 15% HCL Pump 86 bbls & Bio-Balls pumped 72. Started on 3% KCL / Produce Water pad @ 71.3 bpm, 4606 psi, shut down 10,000 gals into job for ISIP & Open Perforation = 32 out of 36 shots, ISIP = 2438 psi, .74 Frac Gradient. Started on X-link pad @ 71.5 bpm, 4791 psi, fluid system look very weak, drop rate to 48 bpm to line out fluid system. establish a good x-link, went to CRC 20/40 sand. Start 2#/ Gal 20/40 CRC, 70.8 bpm, 4476 psi 2# 70.8 bpm, 4476 psi 2# On perms bpm 70.8 @ 4277 psi, ph 9.8, temp @ 65* 3# 70.8 bpm, 4231 psi 3# On perms bpm 70.8 @ 4064 psi, ph 9.9, temp @ 70* 3.5# 70.9 bpm, 3995 psi 3.5# On perms bpm 70.9 @ 3910 psi ph 10, temp 73* 4# 70.2 bpm, 3880 psi 4# On perms bpm 70.3 @ 3865 psi, ph 10, temp @ 74 On Flush @, 71.0 bpm, 3990 psi Final Injection, 71.3 bpm, 4142 psi Open Perforation = 32 out of 36 shots, ISDP, 2751 psi, 0.77 Frac Gradient. Max Rate 74.2 bpm, Max Pressure 7653 psi. Avg Rate 68 bpm, Avg Pressure 4216 psi Total X-link fluids pumped: 1659 bbls Total produce water pumped: 1740 bbls Total fluid in bbls pumped: 3486 bbls Total Sand pumped, 20/40 CRC = 166,684# in formation, Job was pumped as design.
13:30	1.75	15:15	PFRT	Perforating	R/U E-line, P/up stg #3 4.625" 10k Fast Drill CBP and Perf guns. Pressure tested lub good test, RIH to target depth, ran correlation strip from CBL/CCL/GR log reference on 10/13/11. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8150', with 2550 psi, pulled up and perforated stg #3 intervals from 7859' to 8126'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #3.
15:15	1.75	17:00	FRAC	Frac. Job	Pressure tested treating iron @ 8600 psi. Stg #3 of 9, Zone Stg CR-3, Water Temp @ 70*. Open Well @ 15:15 Hrs, @ 2215 psi, 0 Surface and Frac Mandrel, 0 psi. Formation Break Down @ 4.9 bpm, 2410 psi. Started on 15%HCL @ 10.9 bpm 2797 psi, Pumped Bioballs @ 93 bpm 78 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 78. Started on 3% KCL / Produce Water pad @ 71.0 bpm, 4211 psi, shut down 10,000 gals in to stage for ISIP & Open Perforation = 27 out of 39 shots, ISIP = 2519 psi, .76 Frac Gradient. Started on X-link pad @ 71.6 bpm, 4211 psi, had to cut rate to haft rate due to fluid system not x-linking. Once fluid system was X-linking, Started 2#/ Gal 20/40 CRC sand, 71.0 bpm, 4211 psi 2# 70.9 bpm, 4162 psi 2# On perms bpm 71.0 @ 4071 psi 3# 70.9 bpm, 4032 psi 3# On perms bpm 70.9 @ 3587 psi 3.5# 70.9 bpm, 3661 psi 3.5# On perms bpm 70.9 @ 3637 psi Did not stage into 4# due to increase in net pressure. On Flush @, 69.5 bpm, 3683 psi Final Injection, 68.9 bpm, 3906 psi Open Perforation = 37 out of 39 shots, ISDP, 2724 psi, 0.78 Frac Gradient. Max Rate 71.6 bpm, Max Pressure 5962 psi. Avg Rate 68.6 bpm, Avg Pressure 3875 psi Total X-link fluids pumped: 1665 bbls Total produce water pumped: 1725 bbls Total fluid in bbls pumped: 3483 bbls Total Sand pumped, 20/40 CRC = 166,618#, Placed 100% of prop in formation, do not stage into 4# do to slight increase in net pressure.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	Drain up treating iron, freeze protected frac equipment with 10# brine water. tarp and placed rig heater on well head. Continued to restock sand and frac water throughout the evening. Secured frac tree and location.

14-5D-45 BTR 10/29/2011 06:00 - 10/30/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status COMPLETION	Total Depth (ftKB) 8,838.0	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	PFRT	Perforating	<p>E-line Crew arrived @ 04:30, Safety meeting with E-line crew. HES Crew arrived @ 05:00, started frac equipment. Ran QA/QC checks on fluid system, primed pump trucks. Safety Meeting with frac crew. Reviewed yesterday pump issues and today pump schedule.</p> <p>R/U E-line, P/up stg #4, 4.625" 10K Fast Drill CBP and Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip from CBL/CCL/GR log reference on 10/13/11. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 7835', with 1900 psi, pulled up and perforated stg #4 intervals from 7621' to 7808'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg#x.</p>
07:00	1.50	08:30	FRAC	Frac. Job	<p>Pressure tested treating iron @ 8700 psi. Stg #4 of 9 Zone Stg CR-2, Water Temp @ 70°. Open Well @ 07:01 Hrs, @ 1842 psi, 0 Surface and Frac Mandrel, psi. Formation Break Down @ 5.6 bpm, 2480 psi. Started on 15%HCL @ 9.7 bpm 2251 psi, Pumped Bioballs @ 93 bpm 78 psi. Total Bbls of 15% HCL Pump bbls 93 & Bio-Balls pumped 78. Started on 3% KCL / Produce Water pad @ 70.5 bpm, 3860 psi. shut down 10,000 gals into SW stg for ISIP & Open Perforation = 27 out of 39 shots, ISIP = 2500 psi, 0.71 Frac Gradient. Started on X-link pad @ 71.0 bpm, 3862 psi. Start 2#/ Gal 20/40 CRC, 70.5 bpm, 3842 psi</p> <p>2# 70.5 bpm, 3842 psi 2# On perfs bpm 71.0 @ 3808 psi 3# 70.0 bpm, 3577 psi 3# On perfs bpm 71.0 @ 3430 psi 3.5# 71.1 bpm, 3440 psi 3.5# On perfs bpm 71.0 @ 3401 psi 4# 70.6 bpm, 3401 psi 4# On perfs bpm 70.2 @ 3317 psi pumped an additional 131 sks of CRC over due to excess CRC in mover. On Flush @, 70.5 bpm, 3513 psi Final Injection, 72.5 bpm, 3848 psi. Open Perforation = 31 out of 39 shots, ISDP, 2445 psi, 0.76 Frac Gradient. Max Rate 73.2 bpm, Max Pressure 5796 psi. Avg Rate 70.1 bpm, Avg Pressure 3686 psi Total X-link fluids pumped: 1721 bbls Total produce water pumped: 1712 bbls Total fluid in bbls pumped: 3525 bbls Total Sand pumped, 20/40 CRC = 179,992#. job was pump over design by 13,100# due to excess CRC sand in mover.</p>
08:30	1.50	10:00	PFRT	Perforating	<p>R/U E-line, P/up stg #5, 4.625" 10K Fast Drill CBP and Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip from CBL/CCL/GR log reference on 10/13/11. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 7615', with 1700 psi, pulled up and perforated stg #5 intervals from 7473' to 7598'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #5.</p>
10:00	1.50	11:30	FRAC	Frac. Job	<p>Pressure tested treating iron @ 8578 psi. Stg #5 of 9, Zone Stg Wasatch & CR-2 Water Temp @ 65°. Open Well @ 10:08 Hrs, @ 1741 psi, 0 Surface and Frac Mandrel, 0 psi. Formation Break Down @ 6.3 bpm, 1916 psi. Started on 15%HCL @ 9.9 bpm 2014 psi, Pumped Bioballs @ 29.3 bpm 2455 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 78. Started on 3% KCL / Produce Water pad @ 71.5 bpm, 3922 psi. shut down at 9500 gals in to the stg for ISIP & Open Perforation = 23 out of 33 shots, ISIP = 1953 psi, .70 Frac Gradient Started on X-link pad and 1# 100 mesh @ 71.3 bpm, 4040 psi</p> <p>Start 1#/ Gal 20/40 Prem White sand, 70.3 bpm, 4047 psi. 1# 71.2 bpm, 3912 psi 1# On perfs bpm 71.3 @ 3744 psi. 2# 71.3 bpm, 3737 psi 2# On perfs bpm 71.3 @ 3457 psi. lost X-link & Visc drop to 11 cp, x-link ph drop 9.3. HES crew reestablished Visc on Hydro continued to pump prop. 3# 71.4 bpm, 3440 psi 3# On perfs bpm 71.4 @ 3365 psi, x-link ph 9.8, Visc @ 15 cp. 3.5# 71.4 bpm, 3300 psi 3.5# On perfs bpm 71.4 @ 3194 psi, 4# 71.4 bpm, 3156 psi 4# On perfs bpm 71.3 @ 3097 psi On Flush @, 72.9 bpm, 3288 psi Final Injection, 72.7 bpm, 3405 psi Open Perforation = 33 out of 33 shots, ISDP, 2133 psi, 0.72 Frac Gradient. Max Rate 74.1 bpm, Max Pressure 6252 psi. Avg Rate 69.8 bpm, Avg Pressure 3623 psi Total X-link fluids pumped: 1654 bbls Total produce water pumped: 1500 bbls Total fluid in bbls pumped: 3232 bbls Total Sand pumped, 20/40 = 140,100# Prem White Sand. 1# 100 Mesh, 17,100#. Job was pump as design.</p>



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
11:30	1.50	13:00	PFRT	Perforating	R/U E-line, P/up stg #6 4.625" 10K Fast Drill CBP and Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip from CBL/CCL/GR log reference on 10/13/11. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ xxxx', with XXXX psi, pulled up and perforated stg # X intervals from XXXX' to XXXX'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg#x.
13:00	0.75	13:45	DTIM	Downtime	Wait on water to be hauled in.
13:45	1.50	15:15	FRAC	Frac. Job	Pressure tested treating iron @ 8569 psi. Stg #6 of 9, Zone Stg Uteland Butte, Cr-1, Water Temp @ 68* , Open Well @ 14:00 Hrs, @ 1700 psi, 0 Surface and Frac Mandrel, 0 psi. Formation Break Down @ 4.1 bpm, 1801 psi. Started on 15%HCL @ 10.0 bpm 1922 psi, Pumped Bioballs @ 29.2 bpm 2334 psi. Total Bbls of 15% HCL Pump 92 bbls & Bio-Balls pumped 78 Started on 3% KCL / Produce Water pad @ 71.9 bpm, 3663 psi Open Perforation = 30 out of 39 shots, ISIP = 2000 psi, .71 Frac Gradient, Started on X-link pad @ 71.8 bpm, 3640 psi Start 1#/ Gal 100 mesh sand, 71.1 bpm, 3626 psi 1# 71.6 bpm, 3558 psi 1# On perms bpm 71.5 @ 3457 psi 2# 71.5 bpm, 3450 psi 2# On perms bpm 71.5 @ 3258 psi 3# 71.5 bpm, 3263 psi 3# On perms bpm 71.4 @ 3138 psi Cut sand short due in low water volumes. On Flush @, 70.1 bpm, 3138 psi Final Injection, 35 bpm, 2177 psi Open Perforation = 39 out of 39 shots, ISDP, 2160 psi, 0.73 Frac Gradient. Max Rate 72 bpm, Max Pressure 6919 psi. Avg Rate 70 bpm, Avg Pressure 3392 psi Total X-link fluids pumped: 1557 bbls Total produce water pumped: 1749 bbls Total fluid in bbls pumped: 3493 bbls Total Sand pumped, 20/40 = 120,000# Prem White. Total 1# Gal 100 mesh Pumped: , 20,800#
15:15	1.50	16:45	PFRT	Perforating	R/U E-line, P/up stg #7 4.625" 10K Fast Drill CBP and Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip from CBL/CCL/GR log reference on 10/13/11. Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 7246', with 1540 psi, pulled up and perforated stg #7 intervals from 7063' to 7229'. POOH w/ e-line, L/D Spent guns, All shots fired as design. Turned Well over to HES to Frac stg #7.
16:45	13.25	06:00	LOCL	Lock Wellhead & Secure	Shut in and secured frac tree, freeze protect frac tree and continued to haul in frac sand and frac water.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6261
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: Ute 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U	COUNTY: DUCHESNE STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/2/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 50px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<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	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well had first gas sales on 11/02/2011 and first oil sales on 11/03/2011.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 11/7/2011	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6261
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: Ute 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/2/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 50px;" type="text"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<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	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER: <input style="width: 50px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well had first gas sales on 11/02/2011 and first oil sales on 11/03/2011.		
<p style="margin: 0;">Accepted by the</p> <p style="margin: 0;">Utah Division of</p> <p style="margin: 0;">Oil, Gas and Mining</p> <p style="margin: 0;">FOR RECORD ONLY</p>		
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 11/7/2011	

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: 14-20-H62-6261
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/30/2011	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <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"/> 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	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
November 2011 Monthly Drilling Report attached.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 12/5/2011	

**14-5D-45 BTR 11/1/2011 06:00 - 11/2/2011 06:00**

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 8,838.0	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.	
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting.	
07:30	10.00	17:30	DOPG	Drill Out Plugs	<p>Establish Circ. w/ rig pump @ 1 Bbls./min. Returning Thru Flowback manifold to Open top tank. Returning no more than 2 Bbls./min. Thru-out the drill out.</p> <p>Drill Plugs as Follows:</p> <p>Plg. @ 6630' Csg.-700# Plg. @ 6840', 15' of sand Csg.-700# Plg. @ 7056', 10' of sand Csg.-700# Plg. @ 7246', 15' of sand Csg.-750# Plg. @ 7466', 10' of sand Csg.-750# Plg. @ 7615'. 15' of sand Csg.-800# Plg. @ 7835', 10' of sand Csg.-750# Plg. @ 8150'. 15' of sand Csg.-800# Plg. @ 8380'. 15' of sand Csg.-900# Clean out thru FC @ 8747'. 30' of sand, New PBTD @ 8770' Csg.-850#</p> <p>Leaving 105' of Rat Hole.</p> <p>Circulate bottoms up. Increased Pump rate to 2 Bbls./min. and increased return rate to 3 Bbls./min. Cont. Flowing Csg. Recovered 160 Bbls. total of 560 Bbls. Pumped for drill out.</p>	
17:30	0.50	18:00	SRIG	Rig Up/Down	RD Power Swivel.	
18:00	0.50	18:30	PULT	Pull Tubing	Lay down Tbg. to landing Depth	
18:30	11.50	06:00	FBCK	Flowback Well	WSI.	

14-5D-45 BTR 11/2/2011 06:00 - 11/3/2011 06:00

API/UWI 43-013-50568	State/Province Utah	County Duchesne	Field Name Black Tail Ridge	Well Status PRODUCING	Total Depth (ftKB) 8,838.0	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.	
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com																																																																
07:30	1.00	08:30	PULT	Pull Tubing	<p>Cont. to Lay down Tbg. to landing depth. Shut in Csg. Wash bowl w/10 Bbls. down Csg. PU Tbg. Hanger, Stage thru BOP stack. Test Hanger. Land Tbg. As follows:</p> <p>Des: Tubing - Production Set Depth (ftKB): 6,598.4 Run Date: 2011/11/03 17:00 Pull Date:</p> <p>Tubing Components</p> <table border="1"> <thead> <tr> <th>Jts (ft)</th> <th>Item Des Top (ftKB)</th> <th>OD (in)</th> <th>ID (in)</th> <th>Wt (lb/ft)</th> <th>Grade</th> <th>Top Thread</th> <th>Len</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Tubing Hanger</td> <td>5</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>0.44</td> <td>0</td> </tr> <tr> <td>206</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>6,531.22</td> <td>0.4</td> <td>0.4</td> </tr> <tr> <td>1</td> <td>X Profile Nipple</td> <td>2 7/8</td> <td>2.313</td> <td>6.5</td> <td>L-80</td> <td>1.17</td> <td>6,531.70</td> </tr> <tr> <td>1</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>31.71</td> <td>6,532.80</td> <td></td> </tr> <tr> <td>1</td> <td>XN Nipple</td> <td>2 7/8</td> <td>2.205</td> <td>6.5</td> <td>L-80</td> <td>1.25</td> <td>6,564.50</td> </tr> <tr> <td>1</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td>31.7</td> <td>6,565.80</td> <td></td> </tr> <tr> <td>1</td> <td>Pump Off Bit Sub</td> <td>3 1/8</td> <td>2.441</td> <td>6.5</td> <td></td> <td>0.95</td> <td></td> </tr> </tbody> </table>	Jts (ft)	Item Des Top (ftKB)	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len	1	Tubing Hanger	5	2.441	6.5	L-80	0.44	0	206	Tubing 2 7/8	2.441	6.5	L-80	6,531.22	0.4	0.4	1	X Profile Nipple	2 7/8	2.313	6.5	L-80	1.17	6,531.70	1	Tubing 2 7/8	2.441	6.5	L-80	31.71	6,532.80		1	XN Nipple	2 7/8	2.205	6.5	L-80	1.25	6,564.50	1	Tubing 2 7/8	2.441	6.5	L-80	31.7	6,565.80		1	Pump Off Bit Sub	3 1/8	2.441	6.5		0.95	
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08:30	0.50	09:00	SRIG	Rig Up/Down	RD Tbg. Equip. & work floor.																																																																
09:00	1.00	10:00	BOPR	Remove BOP's	ND Annular, Mud Cross & Double gate. NU Production Tree.																																																																
10:00	0.50	10:30	GOP	General Operations	Pump off Bit, Released @ 1300# Chased w/ 30 Bbls. @ 5 Bbls./min.,																																																																
10:30	11.00	21:30	FBCK	Flowback Well	Tie in Sales line, RU Sand can to tbg.																																																																
21:30	7.50	05:00	FBCK	Flowback Well	Hand well over to Production.																																																																

14-5D-45 BTR 11/8/2011 06:00 - 11/9/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-50568	Utah	Duchesne	Black Tail Ridge	PRODUCING	8,838.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00		06:00	GOP	General Operations	<p>Well Currently Flowing To Sales. SLB Wireline Crew Traveled To Location. Safety Meeting With Wireline Crew. MIRU Schlumberger Wireline To Run Production Log RIH With Dummy Run - Tag PBTB @ 8742'. POOH, MU Spinner Tools, TIH To Do Production Log. Make passes @ 150', 200', 230 From 6670' to 8700' Station 7250', 7650' 7850', 8150' Tub - 800 # Casing- 2025# Avg. Oil Rate - 23.0 BPH Avg Water Rate - 30.0 BPH Avg Gas Rate - .40 MCF/Day Well Choke set @ 28/64" BHT 200*. Secured Well Head, Continued To Flow Well To Sales.</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. 14201626261

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. 14-5D-45 BTR

9. API Well No. 43-013-50568

10. Field and Pool, or Exploratory UNDESIGNATED

11. Sec., T., R., M., or Block and Survey or Area Sec 5 T4S R5W Mer UBM

12. County or Parish DUCHESNE 13. State UT

14. Date Spudded 07/10/2011 15. Date T.D. Reached 10/04/2011 16. Date Completed 11/02/2011 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* 6018 GL

18. Total Depth: MD 8838 TVD 8813 19. Plug Back T.D.: MD 8747 TVD 8720 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, GAMMA, TEMPERATURE, 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
28.000	18.000 COND	65.0	0	80	80			0	
14.750	10.750 J-55	45.0	0	2518	2513	1110	497	0	
9.875	5.500 P-110	17.0	0	8838	8836	1875	646	2762	15000

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	6598							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	6684	7447	6684 TO 7447	0.440	150	OPEN
B) WASATCH	7473	8686	7473 TO 8686	0.440	195	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
6684 TO 7447	GREEN RIVER: SEE TREATMENT STAGES 6 - 9
7473 TO 8686	WASATCH: SEE TREATMENT STAGES 1 - 5

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/02/2011	11/05/2011	24	→	984.0	986.0	1314.0	52.0		FLOWS FROM WELL
Choke Size	Tvg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28/64	SI	823	→	984	986	1314	1002	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	Tvg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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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. Pwng. SI	Cog. 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. Pwng. SI	Cog. 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	2821
				MAHOGANY	3488
				DOUGLAS CREEK	5847
				BLACK SHALE	6877
				CASTLE PEAK	6918
				UTELAND BUTTE	7226
				WASATCH	7468
				TD	8838

32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. CBL and logs mailed due to file size. First gas sales was on 11/2/2011. First oil sales was on 11/3/2011. Conductor was cemented with grout. Attached is Treatment Data.

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 #125986 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal

Name (please print) MEGAN FINNEGAN

Title PERMIT ANALYST

Signature 

Date 12/15/2011

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 ****

Bill Barrett Corp

Duchesne County, UT (NAD 1927)

Sec. 5-T4S-R5W

14-5D-45 BTR

Plan A Rev 0

Design: Sperry MWD Survey

Sperry Drilling Services Standard Report

04 November, 2011

Well Coordinates: 665,571.52 N, 2,286,199.86 E (40° 09' 22.24" N, 110° 28' 33.72" W)
Ground Level: 6,015.00 ft

Local Coordinate Origin:	Centered on Well 14-5D-45 BTR
Viewing Datum:	RKB 16' @ 6031.00ft (Patterson 506)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom
Geodetic Scale Factor Applied	
Version: 2003.16 Build: 431	

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DEC 15 2011

DIV. OF OIL, GAS & MINING

HALLIBURTON

Design Report for 14-5D-45 BTR - Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.00	0.28	204.87	131.00	-0.29	-0.13	-0.31	0.21
First Sperry MWD Survey							
195.00	0.36	224.56	195.00	-0.58	-0.34	-0.64	0.21
257.00	0.68	225.81	257.00	-0.97	-0.74	-1.12	0.52
319.00	0.79	209.32	318.99	-1.60	-1.22	-1.84	0.38
381.00	0.47	204.55	380.99	-2.20	-1.53	-2.50	0.52
443.00	0.57	209.41	442.98	-2.70	-1.79	-3.04	0.18
501.00	0.54	214.26	500.98	-3.18	-2.08	-3.57	0.10
561.00	0.32	271.64	560.98	-3.41	-2.41	-3.87	0.76
622.00	0.20	283.90	621.98	-3.38	-2.68	-3.91	0.22
682.00	0.23	250.16	681.98	-3.40	-2.90	-3.97	0.21
743.00	0.45	261.10	742.98	-3.47	-3.25	-4.13	0.37
804.00	0.40	222.33	803.98	-3.67	-3.63	-4.40	0.47
864.00	0.64	243.99	863.97	-3.97	-4.07	-4.80	0.51
925.00	0.54	224.74	924.97	-4.32	-4.58	-5.26	0.36
988.00	0.35	244.62	987.97	-4.62	-4.96	-5.63	0.38
1,052.00	0.26	11.72	1,051.97	-4.56	-5.11	-5.61	0.86
1,115.00	0.34	59.49	1,114.97	-4.32	-4.92	-5.34	0.40
1,178.00	0.12	9.06	1,177.97	-4.16	-4.75	-5.14	0.44
1,242.00	0.30	198.64	1,241.97	-4.26	-4.79	-5.24	0.65
1,305.00	0.28	238.40	1,304.97	-4.49	-4.98	-5.52	0.31
1,368.00	0.34	30.52	1,367.97	-4.41	-5.01	-5.45	0.96
1,432.00	0.59	88.11	1,431.96	-4.24	-4.59	-5.18	0.78
1,494.00	0.36	104.45	1,493.96	-4.28	-4.08	-5.10	0.43
1,558.00	0.21	128.98	1,557.96	-4.40	-3.79	-5.15	0.30
1,622.00	0.23	200.04	1,621.96	-4.59	-3.75	-5.33	0.40
1,685.00	0.11	174.26	1,684.96	-4.77	-3.78	-5.52	0.22
1,749.00	0.29	6.09	1,748.96	-4.67	-3.76	-5.41	0.62
1,812.00	0.60	342.85	1,811.96	-4.20	-3.84	-4.97	0.56
1,876.00	0.51	246.85	1,875.96	-3.99	-4.20	-4.85	1.29
1,939.00	0.83	237.42	1,938.95	-4.35	-4.84	-5.34	0.54
2,003.00	0.79	300.71	2,002.95	-4.37	-5.61	-5.55	1.33
2,066.00	0.75	356.44	2,065.94	-3.74	-6.01	-5.02	1.14
2,130.00	1.05	8.71	2,129.93	-2.74	-5.95	-4.04	0.55
2,193.00	1.27	10.99	2,192.92	-1.49	-5.73	-2.76	0.36
2,257.00	1.31	15.12	2,256.90	-0.08	-5.40	-1.32	0.16
2,320.00	1.41	20.07	2,319.89	1.34	-4.95	0.17	0.24
2,384.00	1.17	25.56	2,383.87	2.67	-4.40	1.59	0.42
2,447.00	1.07	40.22	2,446.86	3.70	-3.74	2.74	0.48
2,536.00	0.92	58.45	2,535.85	4.71	-2.59	3.99	0.39
2,599.00	0.66	69.18	2,598.84	5.10	-1.82	4.55	0.47
2,663.00	0.28	15.13	2,662.84	5.38	-1.44	4.91	0.85
2,726.00	1.22	359.86	2,725.83	6.20	-1.40	5.71	1.51
2,789.00	0.92	338.76	2,788.82	7.34	-1.58	6.78	0.78
2,853.00	0.62	306.17	2,852.82	8.03	-2.05	7.34	0.81
2,916.00	0.71	282.90	2,915.81	8.32	-2.71	7.47	0.45
2,980.00	0.98	328.70	2,979.80	8.87	-3.38	7.86	1.10
3,043.00	1.53	9.75	3,042.79	10.16	-3.51	9.08	1.62
3,107.00	1.26	359.75	3,106.77	11.71	-3.37	10.62	0.57

HALLIBURTON

Design Report for 14-5D-45 BTR - Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
3,170.00	0.87	338.69	3,169.76	12.85	-3.55	11.69	0.87
3,234.00	0.69	292.68	3,233.76	13.45	-4.08	12.15	0.99
3,297.00	0.62	268.14	3,296.75	13.58	-4.77	12.12	0.46
3,361.00	0.72	337.46	3,360.75	13.94	-5.27	12.36	1.20
3,424.00	0.61	336.13	3,423.74	14.61	-5.56	12.95	0.18
3,488.00	0.78	345.93	3,487.74	15.35	-5.80	13.60	0.32
3,551.00	1.92	9.12	3,550.72	16.81	-5.74	15.04	1.97
3,615.00	1.91	17.92	3,614.69	18.88	-5.24	17.17	0.46
3,678.00	1.34	11.99	3,677.66	20.60	-4.77	18.95	0.94
3,742.00	1.59	22.27	3,741.64	22.15	-4.27	20.58	0.57
3,805.00	2.30	28.02	3,804.60	24.08	-3.35	22.66	1.17
3,868.00	3.57	32.41	3,867.52	26.85	-1.70	25.74	2.05
3,932.00	4.24	26.29	3,931.37	30.65	0.41	29.93	1.23
3,995.00	5.18	29.16	3,994.16	35.23	2.83	34.93	1.54
4,059.00	6.51	31.76	4,057.82	40.83	6.15	41.15	2.12
4,122.00	7.91	36.24	4,120.32	47.37	10.59	48.53	2.39
4,186.00	9.06	39.11	4,183.62	54.83	16.37	57.12	1.91
4,249.00	10.21	40.30	4,245.73	62.94	23.11	66.56	1.85
4,313.00	11.14	40.50	4,308.62	71.96	30.80	77.12	1.45
4,376.00	11.02	36.63	4,370.45	81.42	38.34	88.06	1.20
4,439.00	10.71	34.52	4,432.32	91.08	45.25	99.04	0.80
4,503.00	11.23	25.39	4,495.16	101.61	51.29	110.68	2.83
4,566.00	10.43	23.85	4,557.03	112.37	56.23	122.28	1.35
4,630.00	10.40	22.65	4,619.98	123.00	60.80	133.68	0.34
4,693.00	10.51	19.23	4,681.93	133.67	64.88	145.00	1.00
4,757.00	9.24	17.14	4,744.99	144.09	68.32	155.94	2.06
4,820.00	8.71	12.63	4,807.21	153.58	70.85	165.75	1.40
4,884.00	8.83	13.04	4,870.47	163.09	73.02	175.51	0.21
4,947.00	8.93	16.13	4,932.71	172.50	75.47	185.23	0.77
5,011.00	10.00	17.96	4,995.84	182.56	78.56	195.73	1.74
5,074.00	10.79	17.49	5,057.80	193.39	82.02	207.06	1.26
5,137.00	10.40	17.40	5,119.73	204.44	85.49	218.62	0.62
5,201.00	9.49	17.78	5,182.77	214.98	88.83	229.64	1.43
5,264.00	9.28	15.58	5,244.93	224.81	91.78	239.89	0.66
5,328.00	9.79	13.60	5,308.04	235.07	94.45	250.49	0.95
5,391.00	9.38	11.94	5,370.16	245.30	96.77	260.98	0.78
5,455.00	8.19	9.60	5,433.41	254.90	98.61	270.74	1.94
5,518.00	7.22	7.12	5,495.84	263.25	99.85	279.15	1.63
5,582.00	6.76	7.71	5,559.36	270.98	100.85	286.90	0.73
5,645.00	5.93	7.42	5,621.98	277.88	101.77	293.83	1.32
5,709.00	5.03	5.37	5,685.68	283.95	102.46	299.90	1.44
5,772.00	4.74	5.21	5,748.46	289.29	102.95	305.21	0.46
5,836.00	5.30	7.19	5,812.21	294.86	103.56	310.77	0.92
5,899.00	5.50	8.28	5,874.93	300.73	104.36	316.67	0.36
5,962.00	4.36	8.55	5,937.70	306.09	105.15	322.06	1.81
6,026.00	3.46	7.18	6,001.55	310.41	105.76	326.41	1.41
6,089.00	2.83	3.78	6,064.45	313.85	106.10	329.83	1.04
6,153.00	2.13	1.46	6,128.39	316.61	106.23	332.55	1.10
6,216.00	1.16	354.42	6,191.36	318.42	106.20	334.30	1.57
6,280.00	0.39	309.14	6,255.36	319.20	105.97	335.01	1.45
6,343.00	0.91	220.19	6,318.36	318.95	105.48	334.66	1.56

Design Report for 14-5D-45 BTR - Sperry MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
6,406.00	1.13	201.99	6,381.35	318.00	104.92	333.60	0.62
6,470.00	0.60	168.67	6,445.34	317.08	104.75	332.67	1.11
6,533.00	0.87	110.05	6,508.33	316.60	105.27	332.31	1.20
6,597.00	0.78	36.44	6,572.33	316.78	105.98	332.66	1.55
6,660.00	1.10	11.78	6,635.32	317.72	106.36	333.66	0.81
6,723.00	0.31	41.99	6,698.32	318.43	106.60	334.41	1.34
6,787.00	0.15	293.81	6,762.32	318.60	106.64	334.58	0.60
6,850.00	0.40	98.91	6,825.32	318.60	106.78	334.61	0.87
6,914.00	0.57	124.92	6,889.31	318.38	107.26	334.51	0.43
6,977.00	0.57	174.21	6,952.31	317.89	107.55	334.10	0.75
7,041.00	0.75	197.74	7,016.31	317.17	107.45	333.38	0.50
7,104.00	1.16	211.56	7,079.30	316.24	106.99	332.36	0.74
7,167.00	1.02	210.58	7,142.29	315.21	106.37	331.22	0.22
7,231.00	0.51	169.41	7,206.28	314.44	106.14	330.42	1.12
7,294.00	0.77	128.08	7,269.28	313.90	106.52	329.98	0.81
7,357.00	0.90	166.50	7,332.27	313.16	106.97	329.36	0.89
7,420.00	0.98	187.39	7,395.26	312.15	107.02	328.39	0.56
7,484.00	0.57	277.99	7,459.26	311.65	106.63	327.81	1.78
7,547.00	0.57	297.59	7,522.25	311.84	106.04	327.86	0.31
7,611.00	0.72	248.50	7,586.25	311.84	105.39	327.71	0.86
7,675.00	0.82	228.56	7,650.25	311.39	104.67	327.11	0.44
7,738.00	1.01	244.38	7,713.24	310.85	103.83	326.39	0.50
7,802.00	1.20	255.78	7,777.23	310.44	102.67	325.73	0.45
7,865.00	1.16	252.00	7,840.21	310.08	101.43	325.09	0.14
7,929.00	1.46	240.03	7,904.20	309.47	100.10	324.19	0.63
7,992.00	1.22	240.53	7,967.18	308.74	98.82	323.19	0.38
8,056.00	0.36	300.31	8,031.17	308.51	98.05	322.79	1.69
8,119.00	0.44	266.58	8,094.17	308.60	97.63	322.78	0.39
8,182.00	0.65	228.51	8,157.17	308.35	97.12	322.42	0.65
8,246.00	1.02	224.81	8,221.16	307.71	96.44	321.64	0.58
8,309.00	1.12	234.06	8,284.15	306.95	95.55	320.69	0.32
8,373.00	0.64	234.91	8,348.14	306.38	94.75	319.95	0.75
8,436.00	0.62	218.61	8,411.14	305.91	94.25	319.38	0.29
8,500.00	1.14	218.15	8,475.13	305.14	93.64	318.49	0.81
8,563.00	1.39	214.64	8,538.12	304.01	92.82	317.21	0.42
8,626.00	1.62	218.42	8,601.09	302.69	91.83	315.69	0.40
8,689.00	1.22	220.93	8,664.07	301.48	90.84	314.29	0.64
8,752.00	0.86	226.62	8,727.06	300.65	90.06	313.30	0.59
8,789.00	0.87	227.65	8,764.06	300.27	89.65	312.84	0.05
Final Sperry MWD Survey							
8,838.00	0.87	227.65	8,813.05	299.77	89.10	312.22	0.00
Straight Line Projection to TD							

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
131.00	131.00	-0.29	-0.13	First Sperry MWD Survey
8,789.00	8,764.06	300.27	89.65	Final Sperry MWD Survey
8,838.00	8,813.05	299.77	89.10	Straight Line Projection to TD

Design Report for 14-5D-45 BTR - Sperry MWD Survey

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (ft)	Origin +E/-W (ft)	Start TVD (ft)
Target	14-5D-45 BTR_BHL Tgt	13.29	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
131.00	8,838.00	Sperry MWD Surveys	MWD

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
14-5D-45 BTR_660 Se	0.00	0.00	0.00	0.01	0.00	665,571.53	2,286,199.86	40° 9' 22.241 N	110° 28' 33.719 W
- actual wellpath hits target center									
- Polygon									
Point 1			-1,246.00	177.01	665,734.24	2,284,952.02			
Point 2			2,721.00	177.01	665,779.65	2,288,918.42			
Point 3			2,721.00	2,172.01	667,774.35	2,288,895.59			
Point 4			-1,246.00	2,154.01	667,710.94	2,284,929.39			
Point 5			-1,246.00	177.01	665,734.24	2,284,952.02			
14-5D-45 BTR_Sector	0.00	0.00	0.00	0.01	0.00	665,571.53	2,286,199.86	40° 9' 22.241 N	110° 28' 33.719 W
- actual wellpath hits target center									
- Polygon									
Point 1			-1,906.00	-482.99	665,066.78	2,284,299.68			
Point 2			3,381.00	-482.99	665,127.30	2,289,585.88			
Point 3			3,381.00	2,172.01	667,781.90	2,289,555.49			
Point 4			-1,906.00	2,154.01	667,703.38	2,284,269.49			
Point 5			-1,906.00	-482.99	665,066.78	2,284,299.68			
14-5D-45 BTR_SHL	0.00	0.00	0.00	0.01	0.00	665,571.53	2,286,199.86	40° 9' 22.241 N	110° 28' 33.719 W
- actual wellpath hits target center									
- Point									
14-5D-45 BTR_BHL T _g	0.00	0.00	8,596.00	327.87	77.43	665,900.22	2,286,273.53	40° 9' 25.481 N	110° 28' 32.722 W
- actual wellpath misses target center by 28.95ft at 8620.60ft MD (8595.70 TVD, 302.81 N, 91.93 E)									
- Point									
14-5D-45 BTR_ZONE	0.00	0.00	6,151.00	327.87	77.43	665,900.22	2,286,273.53	40° 9' 25.481 N	110° 28' 32.722 W
- actual wellpath misses target center by 30.66ft at 6175.94ft MD (6151.31 TVD, 317.40 N, 106.24 E)									
- Rectangle (sides W200.00 H200.00 D2,445.00)									

HALLIBURTON

North Reference Sheet for Sec. 5-T4S-R5W - 14-5D-45 BTR - Plan A Rev 0

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to RKB 16' @ 6031.00ft (Patterson 506). Northing and Easting are relative to 14-5D-45 BTR

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is 111° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991450

Grid Coordinates of Well: 665,571.52 ft N, 2,286,199.86 ft E

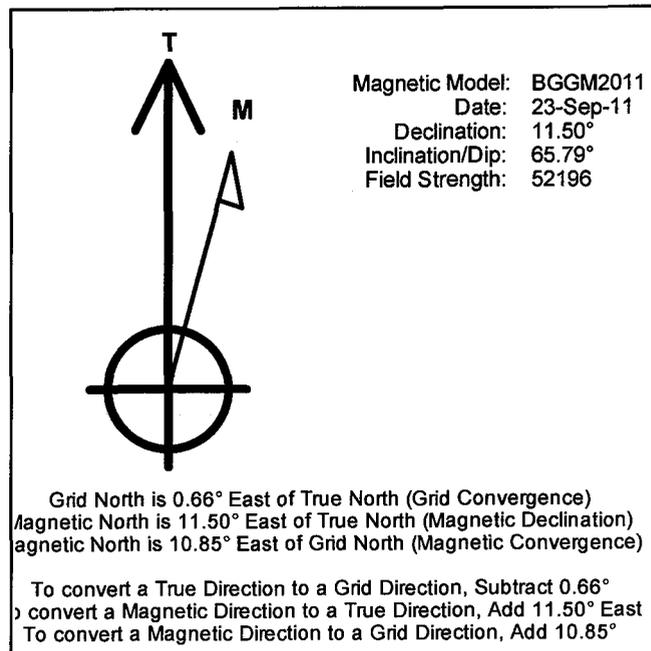
Geographical Coordinates of Well: 40° 09' 22.24" N, 110° 28' 33.72" W

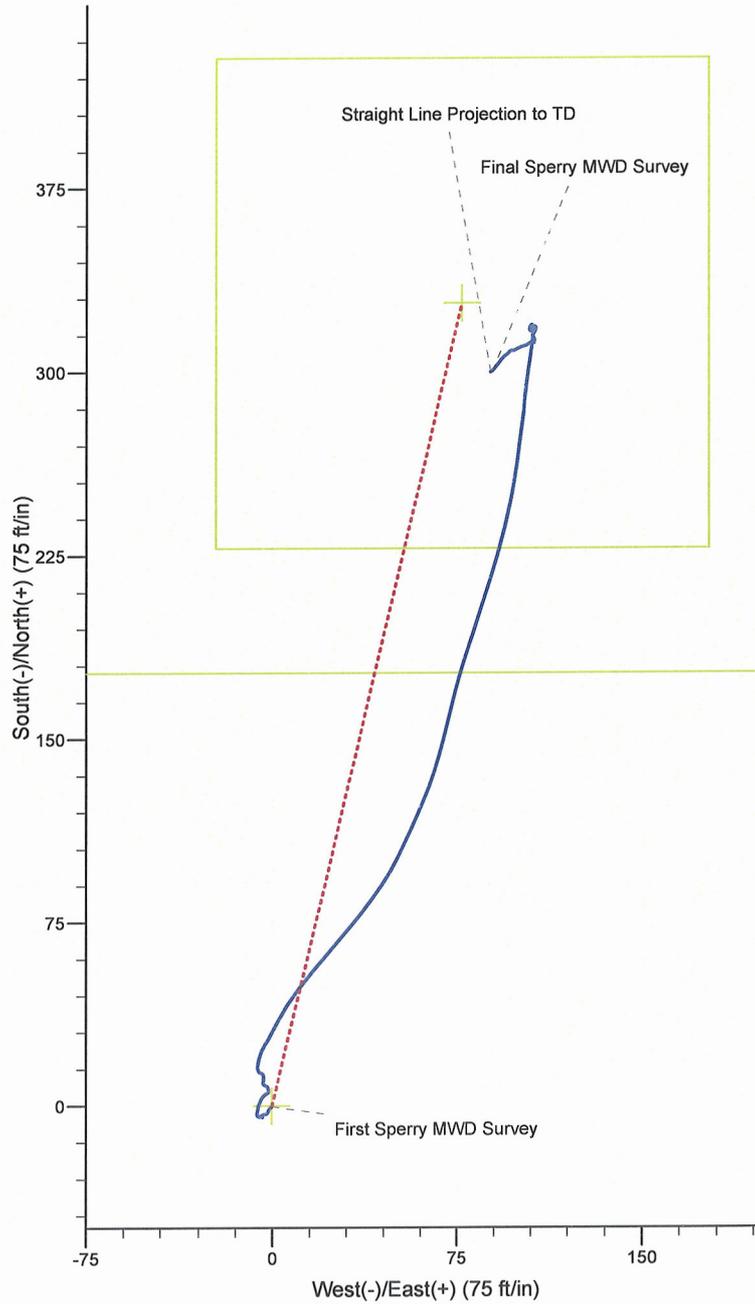
Grid Convergence at Surface is: 0.66°

Based upon Minimum Curvature type calculations, at a Measured Depth of 8,838.00ft

the Bottom Hole Displacement is 312.73ft in the Direction of 16.55° (True).

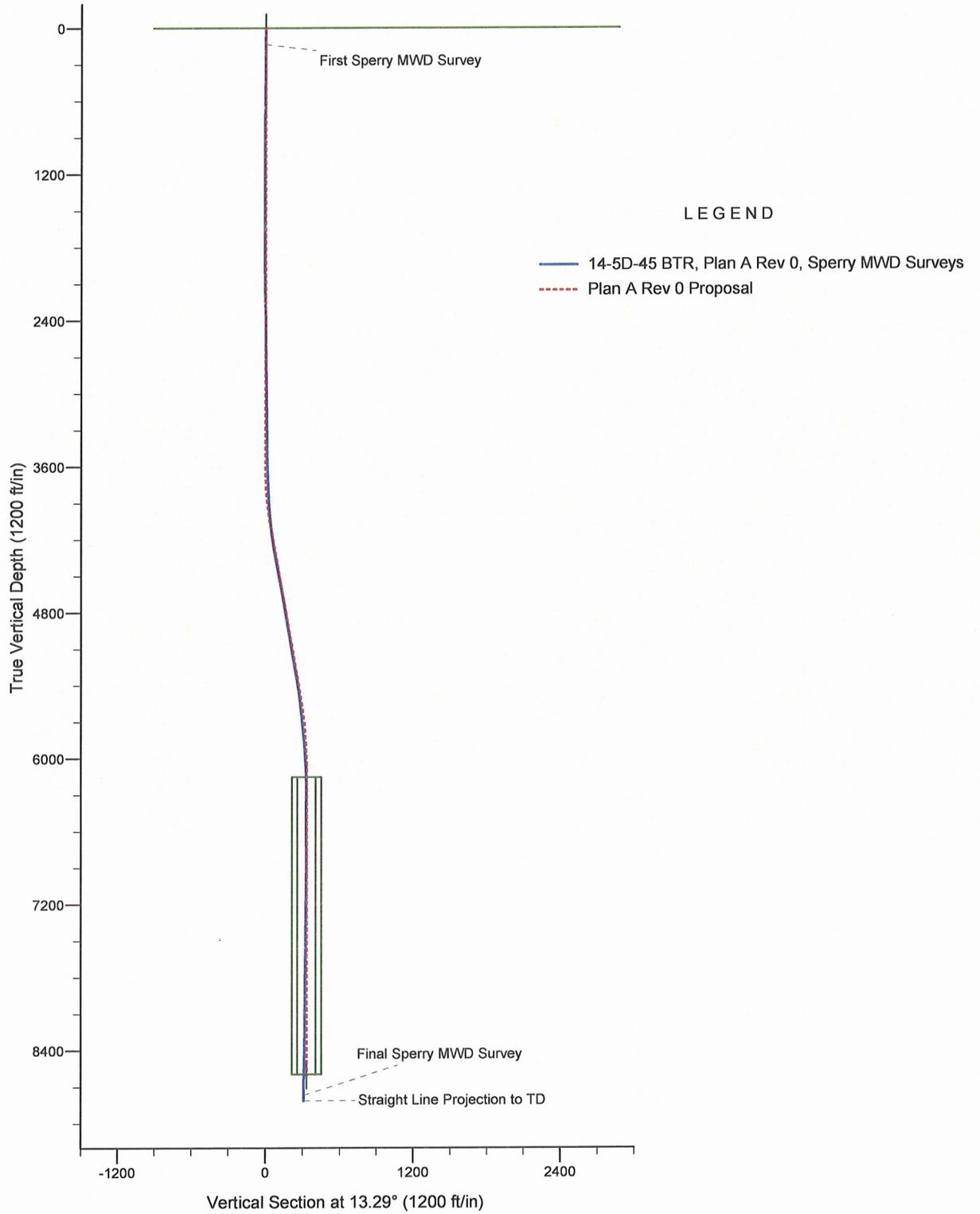
Magnetic Convergence at surface is: -10.85° (23 September 2011, , BGGM2011)





LEGEND

- 14-5D-45 BTR, Plan A Rev 0, Sperry MWD Surveys
- - - Plan A Rev 0 Proposal



Prickly Pear Unit Federal 6A-17D-12-15 Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>BBLs Slurry</u>	<u>lbs 20/40 CRC Sand</u>	<u>lbs 20/40 White Sand</u>	<u>lbs 100 Mesh Sand</u>
1	3,567	156,800		
2	3,486	166,684		
3	3,663	166,600		
4	3,720	179,500		
5	3,384		140,100	17,100
6	3,529		99,300	20,800
7	4,194		178,100	22,800
8	3,277		133,500	16,400
9	3,065		128,700	15,000

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

RECEIVED

DEC 15 2011

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: 14-20-H62-6261
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: Ute 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: 14-5D-45 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013505680000
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: 0483 FSL 1906 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 05 Township: 04.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/31/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input checked="" type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

BBC hereby requests permission to flare tribal lease wells in our Blacktail Ridge development area located in the Starvation area while El Paso upgrades their existing 6-inch pipeline to a 12-inch to handle current gas production rates. Current operating pressures are approximately 100 psi and the upgrade of the existing line will eliminate the current back pressure concerns such as reservoir damage, surface facility safety issues, production curtailment and lower wellbore recoveries. Additional details are attached.

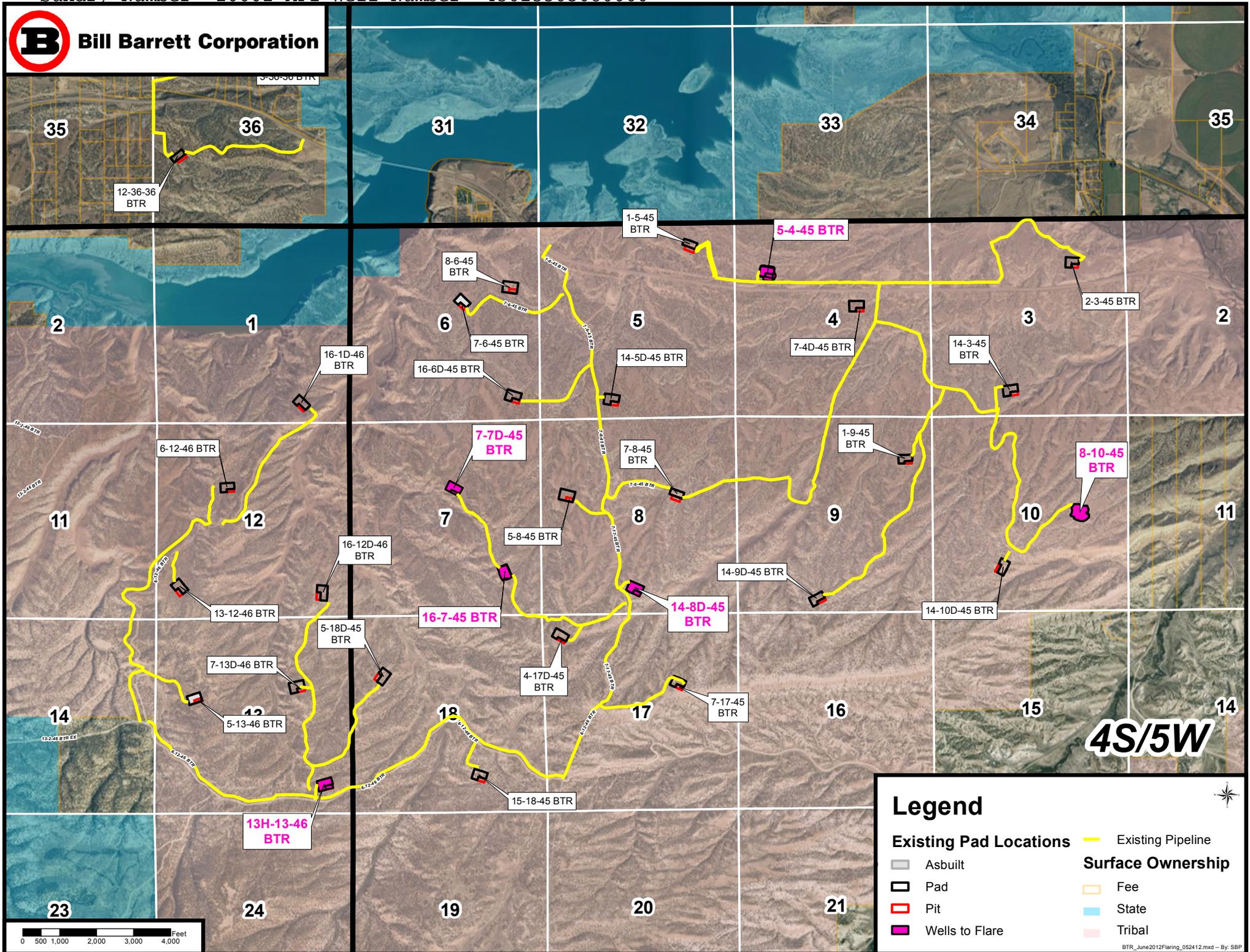
**Accepted by the
 Utah Division of
 Oil, Gas and Mining**

Date: June 14, 2012

By: *Derek Quist*

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 5/29/2012	

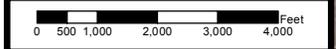
The gas will be flared at the six locations shown on the attached map (5-4-45, 7-7D-45, 8-10-45, 13H-13-46, 14-8D-45, or 16-7-45 wellsites). The flares utilized for combusting the gas have a combustion efficiency of approximately 98%. There are no other delivery points besides the bridge crossing at this point; therefore, associated gas from the oil wells will be flared to continue production of tribal minerals. BBC is requesting flare approval from May 31, 2012 to July 31, 2012 to allow for any potential construction delays. BBC would immediately begin flowing to the pipeline at such time construction is complete. Emergency Dispatch will be notified of the flaring operations. The flaring will also be monitored 24 hours a day by BBC personnel. BBC will still be metering the gas at the wellhead to continue royalty payments. BBC has spoken with the tribe and received their acceptance 05/24/2012 and received BLM sundry approval on 5/24/12.



4S/5W

Legend

Existing Pad Locations	Existing Pipeline
Asbuilt	Surface Ownership
Pad	Fee
Pit	State
Wells to Flare	Tribal



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

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

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

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

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

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

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



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

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

New Operator Contact information:

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

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

Sincerely,

Bill Barrett Corporation

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

Brady Riley
Permit Analyst

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

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

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

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

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

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

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

(This space for State use only)

APPROVED

NOV 07 2016

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

Request to Transfer Application or Permit to Drill

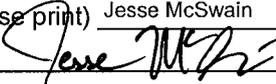
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

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

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

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

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

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

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

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

UIC FORM 5

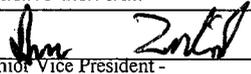
TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 11/1/2016

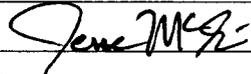
CURRENT OPERATOR

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

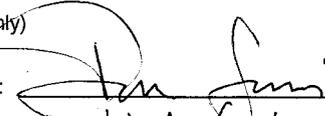
Name: Duane Zavadil
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

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

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

(This space for State use only)

Transfer approved by: 
Title: VIC Geologist

Approval Date: 11/3/16

Comments:

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

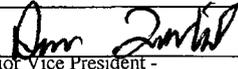
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

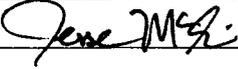
Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

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

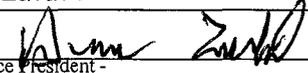
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

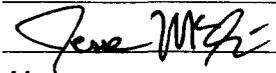
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE	Field or Unit Name CEDAR RIM
QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: _____

Comments:

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