

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER FD STATE 6-36D-6-19							
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 MOFFAT CANAL							
4. TYPE OF WELL Oil Well <input checked="" type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8134							
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL tfallang@billbarrettcorp.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML 50801			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" 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')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		2060 FNL 2175 FWL		SE NW		36		6.0 S		19.0 E		S	
Top of Uppermost Producing Zone		1980 FNL 1980 FWL		SE NW		36		6.0 S		19.0 E		S	
At Total Depth		1980 FNL 1980 FWL		SE NW		36		6.0 S		19.0 E		S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1980			23. NUMBER OF ACRES IN DRILLING UNIT 640							
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1308			26. PROPOSED DEPTH MD: 9302 TVD: 9298							
27. ELEVATION - GROUND LEVEL 4954			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-1645							
Hole, Casing, and Cement Information													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight		
COND	26	16	0 - 80	65.0	Unknown	8.7	No Used		0	0.0	0.0		
SURF	12.25	8.625	0 - 1200	24.0	J-55 ST&C	8.7	Halliburton Light , Type Unknown		170	3.16	11.0		
							Halliburton Premium , Type Unknown		270	1.36	14.8		
PROD	7.875	5.5	0 - 9302	17.0	I-80 LT&C	9.5	Unknown		670	2.31	11.0		
							Unknown		500	1.42	13.5		
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Brady Riley				TITLE Permit Analyst				PHONE 303 312-8115					
SIGNATURE				DATE 09/08/2014				EMAIL briley@billbarrettcorp.com					
API NUMBER ASSIGNED 43047547270000				APPROVAL				 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

FD State 6-36D-6-19

SENW, 2060' FNL and 2175' FWL, Section 36, T6S-R19E, SLB&M (surface hole)

SENW, 1980' FNL and 1980' FWL, Section 36, T6S-R19E, SLB&M (bottom hole)

Uintah County, Utah

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

<u>Formation</u>	<u>Depth – TVD</u>	<u>Depth – MD</u>
Green River	4,918'	4,920'
Mahogany	6,001'	6,004'
Lower Green River*	7,151'	7,155'
Douglas Creek	7,288'	7,292'
Black Shale	7,837'	7,841'
Castle Peak	7,958'	7,962'
Wasatch*	8,798'	8,802'
TD	9,298'	9,302'

*PROSPECTIVE PAY

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

Base of Useable Water = 2,530

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1200'	Rotating Head or Diverter (may pre-set surface with smaller rig)*
1200' – 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.	

*See Appendix A

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1200'	8 5/8"	24#	J-55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110/I-80	LT&C	New

Bill Barrett Corporation
 Drilling Program
 FD State 6-36D-6-19
 Uintah County, Utah

5. Cementing Program

16" Conductor Casing	Grout
8 5/8" Surface Casing (may pre-set with spudder rig)	Lead: 170 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 270 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 700'
5 1/2" Production Casing	Lead: 670 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 700' Tail: 500 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 6651'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 1200'	8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1200'-5500'	9.2 - 9.4	26 – 36	NC	Freshwater Spud Mud Fluid System
5500' – TD	9.4 - 9.5	42 – 58	25 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

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

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4593 psi* and maximum anticipated surface pressure equals approximately 2547 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

Bill Barrett Corporation
Drilling Program
FD State 6-36D-6-19
Uintah County, Utah

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

Water for the drilling and completion will be from:

43-2505, (t37379): McKinnon Ranch Properties, LC
43-12345 (F78949): Dale Anderson
43-10664 (A38472): W. E. Gene Brown
49-1645 (A35800): RN Industries, Inc.
49-2336 (t78808): RN Industries, Inc.
43-8496 (A53617): A-1 Tank Rental
43-10288 (A65273): Nile Chapman (RNI)
49-2247 (F76893): Magnum Water Service
43-8875 (t38762): Four Star Ranch (c/o David Yeman)

11. Drilling Schedule

Location Construction: SEPTEMBER 2014
Spud: SEPTEMBER 2014
Duration: 15 days drilling time
6 days completion time

12. Appendix A

8-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line on the rig
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits



Bill Barrett Corporation

FORT DUCHESNE CEMENT VOLUMES

Well Name: FD STATE 6-36D-6-19

Surface Hole Data:

Total Depth:	1,200'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	8.625"

Calculated Data:

Lead Volume:	505.6	ft ³
Lead Fill:	700'	
Tail Volume:	361.1	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	170
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	700'	

# SK's Tail:	270
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Production Hole Data:

Total Depth:	9,302'
Top of Cement:	700'
Top of Tail:	6,651'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1546.5	ft ³
Lead Fill:	5,951'	
Tail Volume:	689.0	ft ³
Tail Fill:	2,651'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	670
# SK's Tail:	500

FD STATE 6-36D-6-19 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (700' - 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: 700'
	Volume: 90.04 bbl
	Proposed Sacks: 170 sks
Tail Cement - (TD - 700')	
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: 700'
	Calculated Fill: 500'
	Volume: 64.32 bbl
	Proposed Sacks: 270 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (6651' - 700')	
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: 700'
	Calculated Fill: 5,951'
	Volume: 275.43 bbl
	Proposed Sacks: 670 sks
Tail Cement - (9302' - 6651')	
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: 6,651'
	Calculated Fill: 2,651'
	Volume: 122.71 bbl
	Proposed Sacks: 500 sks

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.

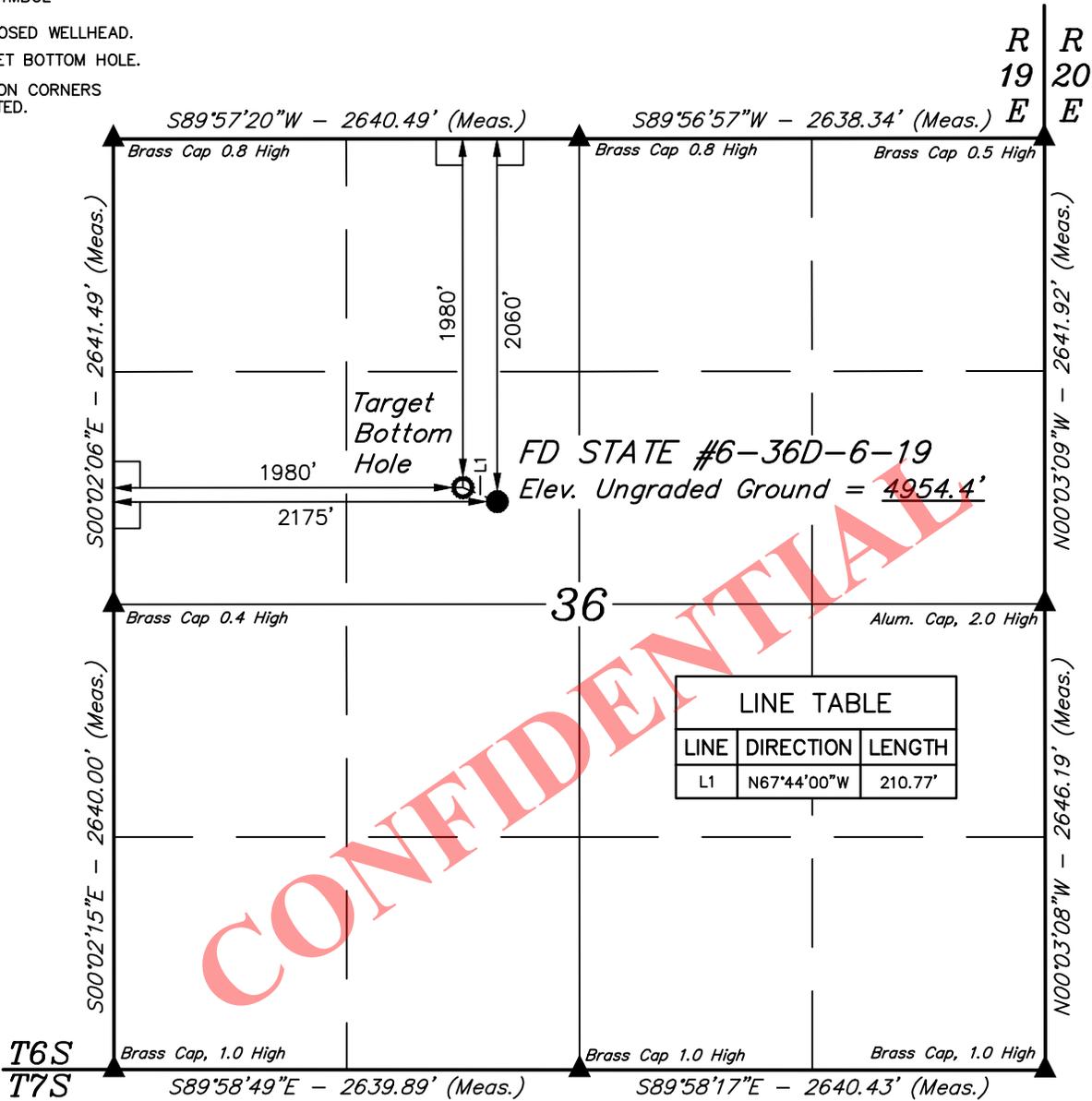
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

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T6S, R19E, S.L.B.&M.

LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.



NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°15'23.19" (40.256442)	LATITUDE = 40°15'22.40" (40.256222)
LONGITUDE = 109°44'01.38" (109.733717)	LONGITUDE = 109°43'58.87" (109.733019)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°15'23.33" (40.256481)	LATITUDE = 40°15'22.54" (40.256261)
LONGITUDE = 109°43'58.87" (109.733019)	LONGITUDE = 109°43'56.36" (109.732321)

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.



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

BASIS OF ELEVATION
 BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BILL BARRETT CORPORATION

FD STATE #6-36D-6-19
SE 1/4 NW 1/4, SECTION 36, T6S, R19E, S.L.B.&M.
UINTAH COUNTY, UTAH

SURVEYED BY: R.R., C.W.	SURVEY DATE: 06-02-14
DRAWN BY: T.T.	DATE DRAWN: 06-20-14
SCALE: 1" = 1000'	REVISED: 08-07-14 C.C.

WELL LOCATION PLAT



UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017



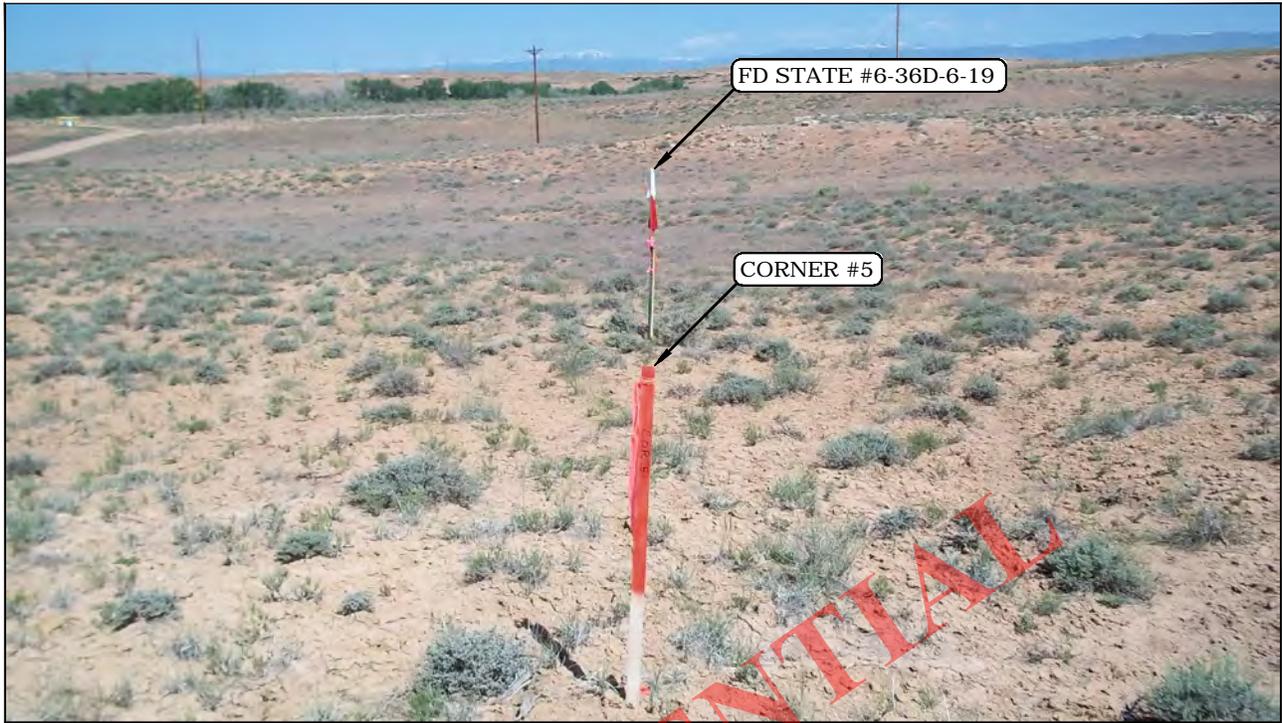


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY

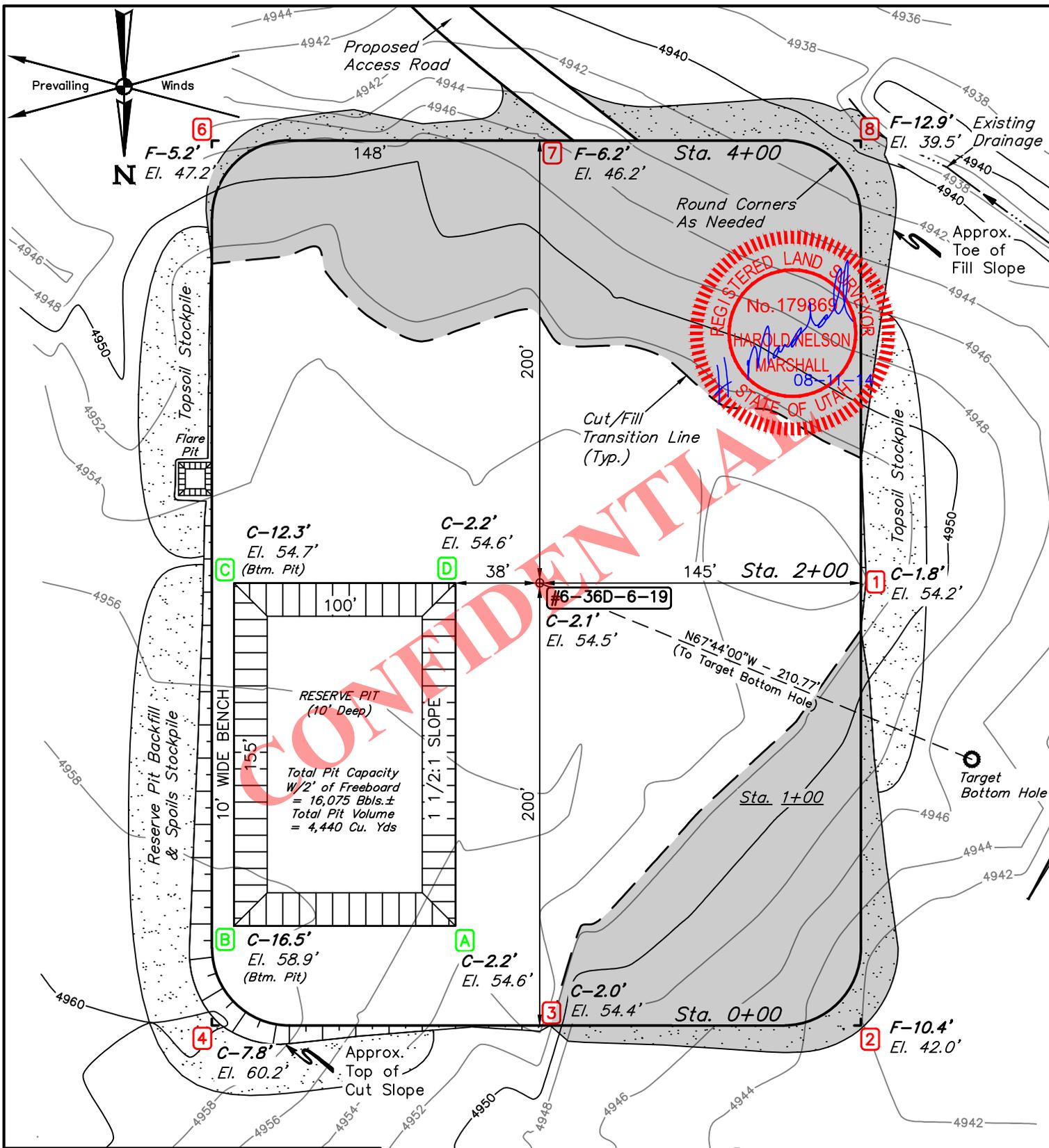
BILL BARRETT CORPORATION

**FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL**



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: M.L.	DATE DRAWN: 06-16-14
TAKEN BY: R.R.	REV: 07-15-14 J.M.C.
LOCATION PHOTOS	PHOTO



FINISHED GRADE ELEVATION = 4952.4'

NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Round corners at 35' radius or as needed.
- Construct diversion ditches as needed.
- Contours shown at 2' intervals.

BILL BARRETT CORPORATION

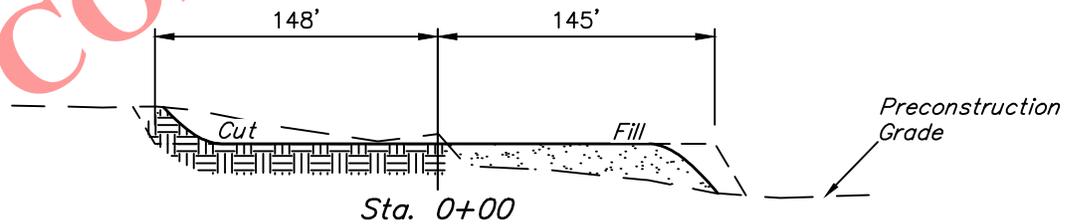
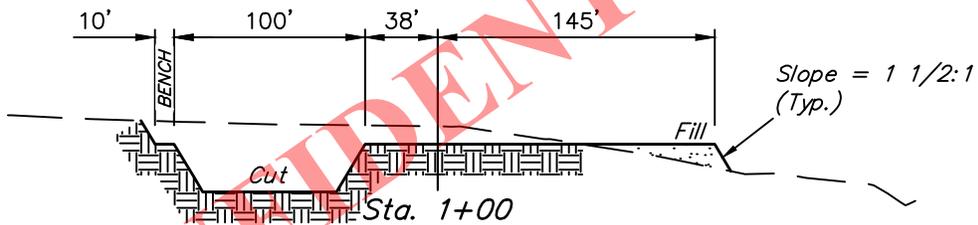
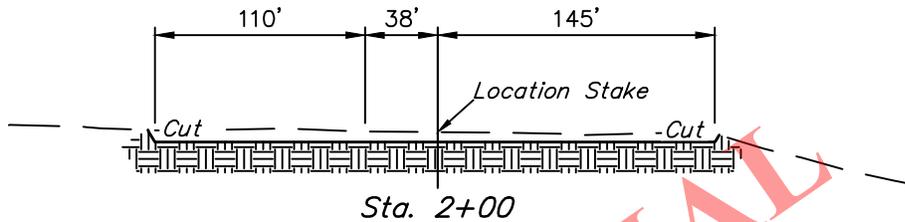
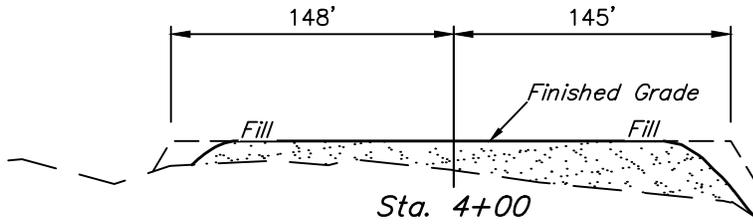
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2060' FNL 2175' FWL



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DRAWN BY: T.T.	DATE DRAWN: 06-20-14
SCALE: 1" = 60'	REVISED: 08-07-14 C.C.
LOCATION LAYOUT	FIGURE #1

X-Section Scale
1" = 100'



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APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	2,370 Cu. Yds.
REMAINING LOCATION	10,190 Cu. Yds.
TOTAL CUT	12,560 Cu. Yds.
FILL	7,970 Cu. Yds.
EXCESS MATERIAL	4,590 Cu. Yds.
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	4,590 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±4.379
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±522.31'	±0.360
30' WIDE PIPELINE R-O-W DISTURBANCE	±550.26'	±0.379
TOTAL SURFACE USE AREA	±1,072.57'	±5.118

NOTES:

- Fill quantity includes 5% for compaction.
- Calculations based on 6" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

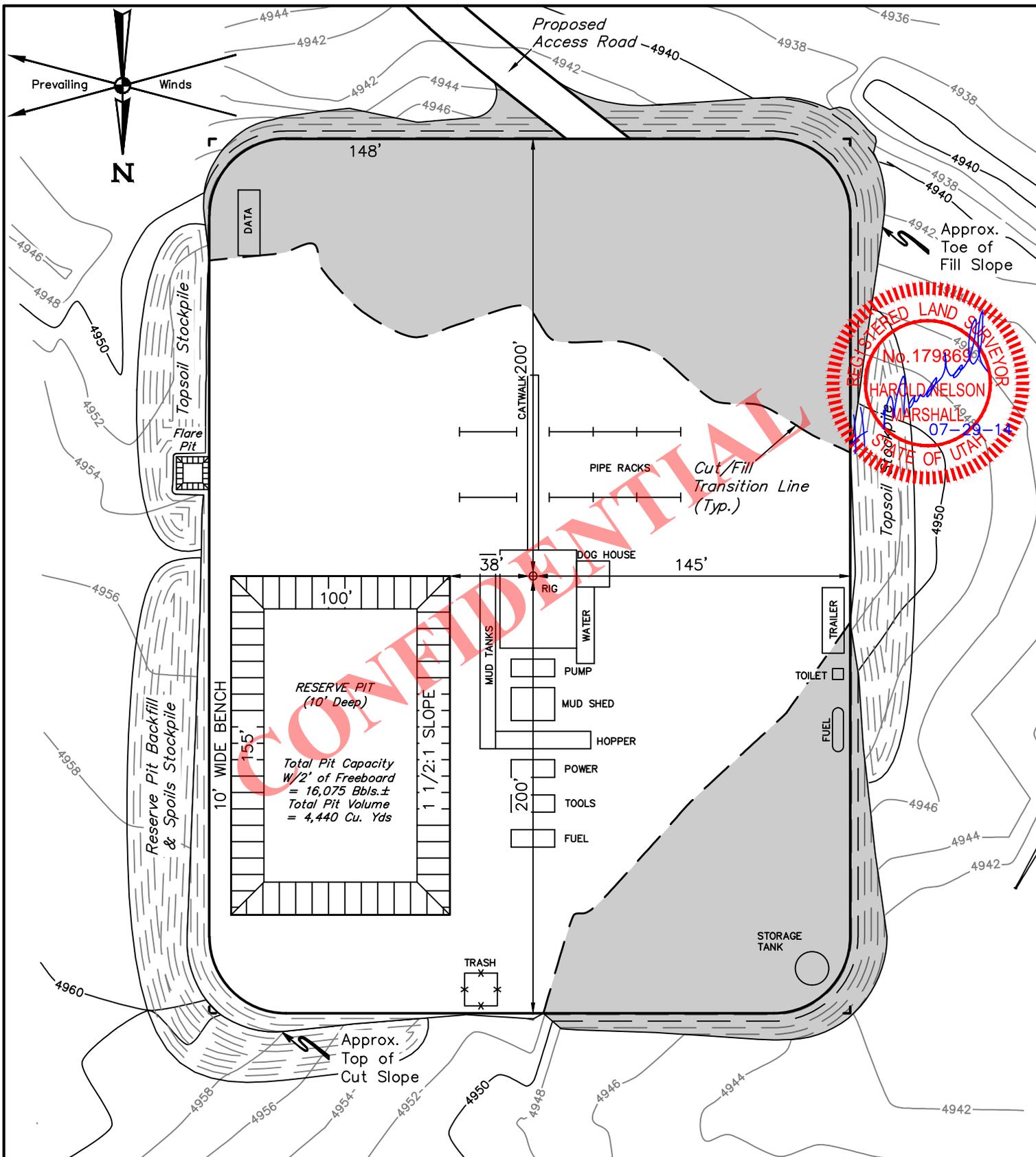
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**FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL**



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Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: T.T.	DATE DRAWN: 06-20-14
SCALE: AS SHOWN	REVISED: 07-14-14 S.F.
TYPICAL CROSS SECTIONS	
FIGURE #2	



NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

BILL BARRETT CORPORATION

FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL



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DRAWN BY: T.T.	DATE DRAWN: 06-20-14
SCALE: 1" = 60'	REVISED: 07-14-14 S.F.

TYPICAL RIG LAYOUT **FIGURE #3**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 7.0 MILES TO THE JUNCTION OF THIS ROAD AND 5500 S. TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND PARRISH RANCH ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 588' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 27.0 MILES.

CONFIDENTIAL

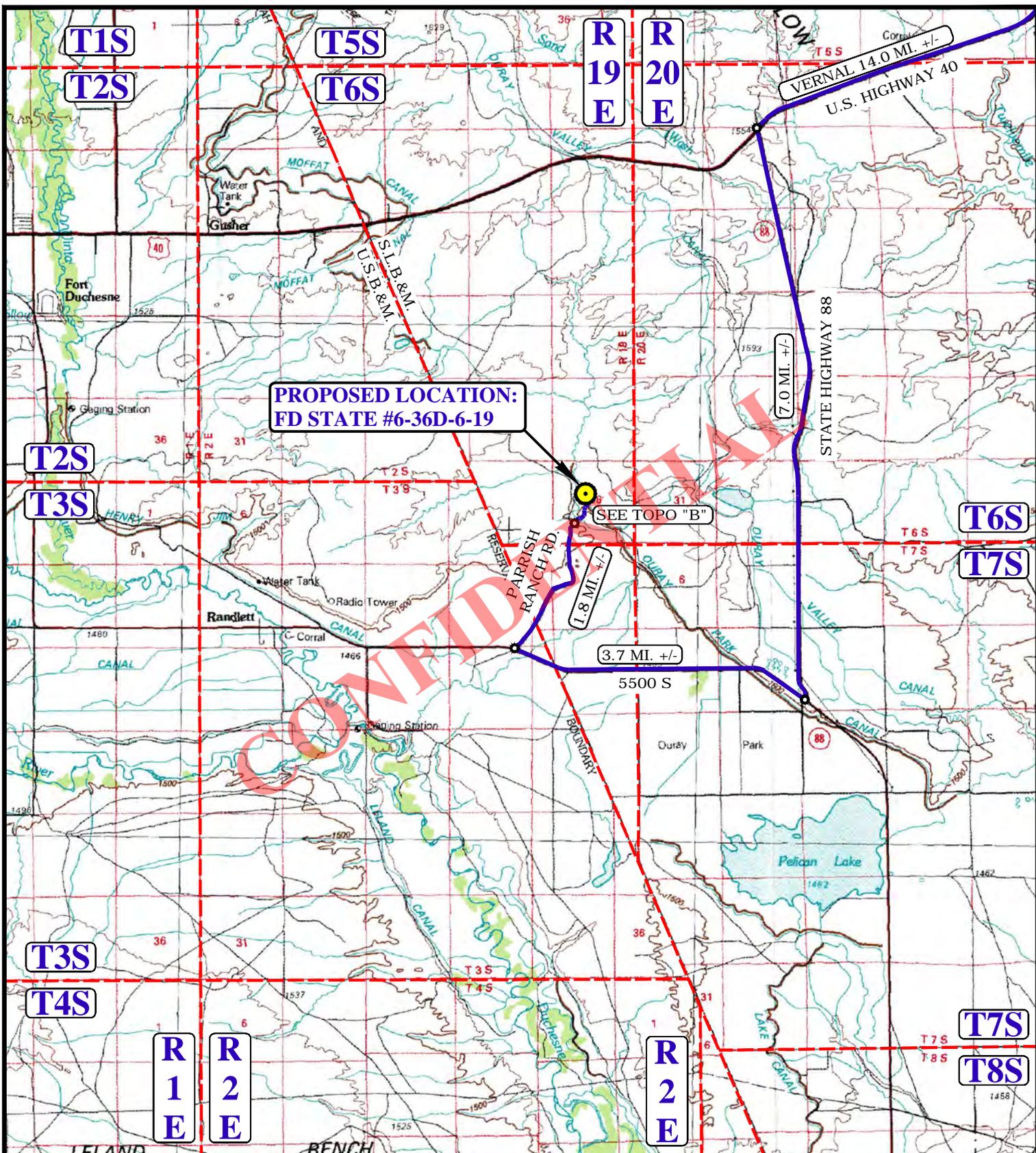
BILL BARRETT CORPORATION

FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: M.L.	DATE DRAWN: 06-16-14
	REV: 07-15-14 J.M.C.
ROAD DESCRIPTION	



**PROPOSED LOCATION:
FD STATE #6-36D-6-19**

SEE TOPO "B"

LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

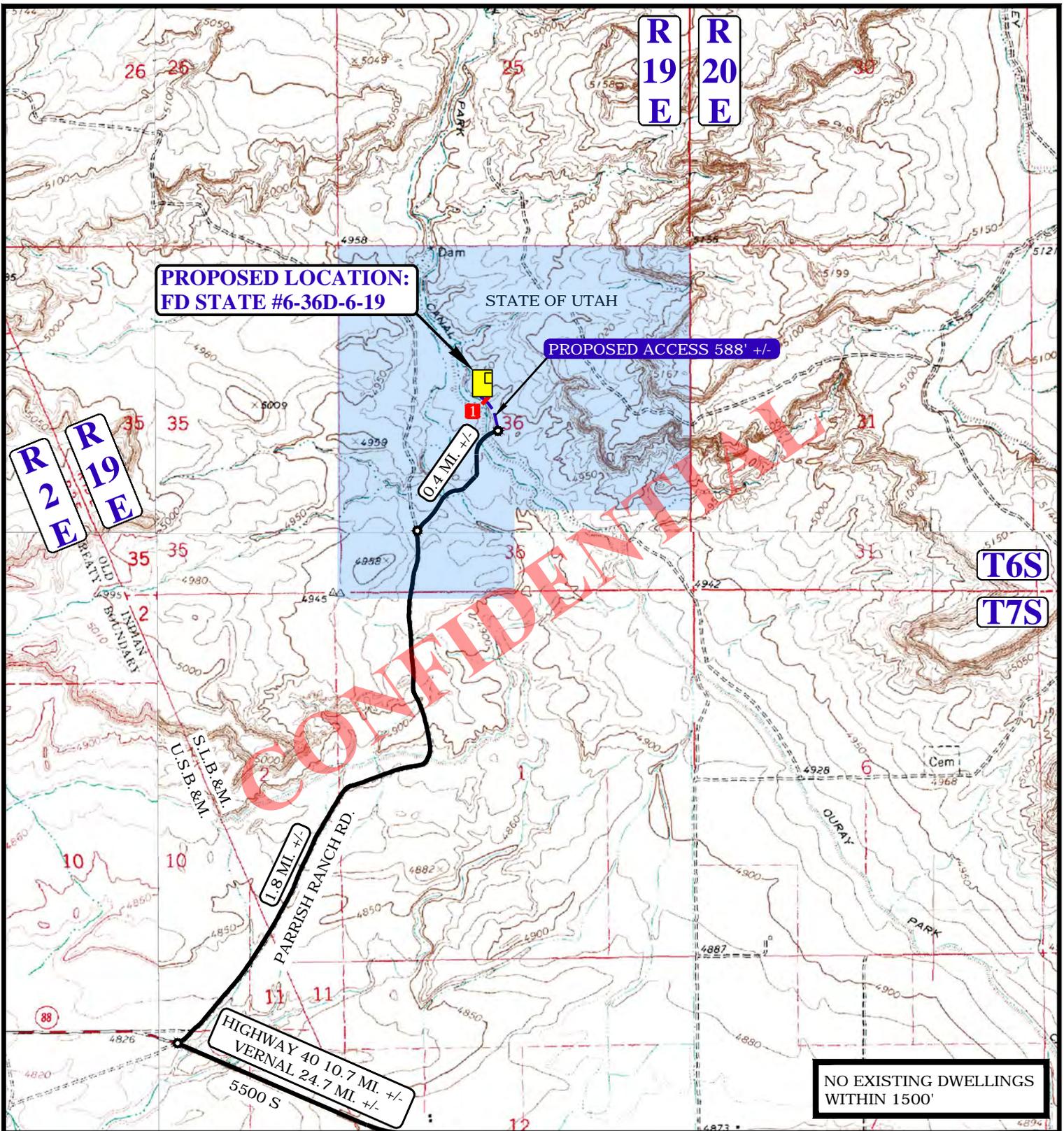
**FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL**

DRAWN BY: M.L.	DATE DRAWN: 06-16-14
SCALE: 1:100,000	REV: 07-15-14 J.M.C.

ACCESS ROAD MAP | **TOPO A**



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



**PROPOSED LOCATION:
FD STATE #6-36D-6-19**

PROPOSED ACCESS 588' +/-

0.4 MI. +/-

1.8 MI. +/-

**HIGHWAY 40 10.7 MI. +/-
VERNAL 24.7 MI. +/-**

**NO EXISTING DWELLINGS
WITHIN 1500'**

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

- LEGEND:**
- EXISTING ROAD
 - PROPOSED ROAD
 - 24" CMP REQUIRED

BILL BARRETT CORPORATION

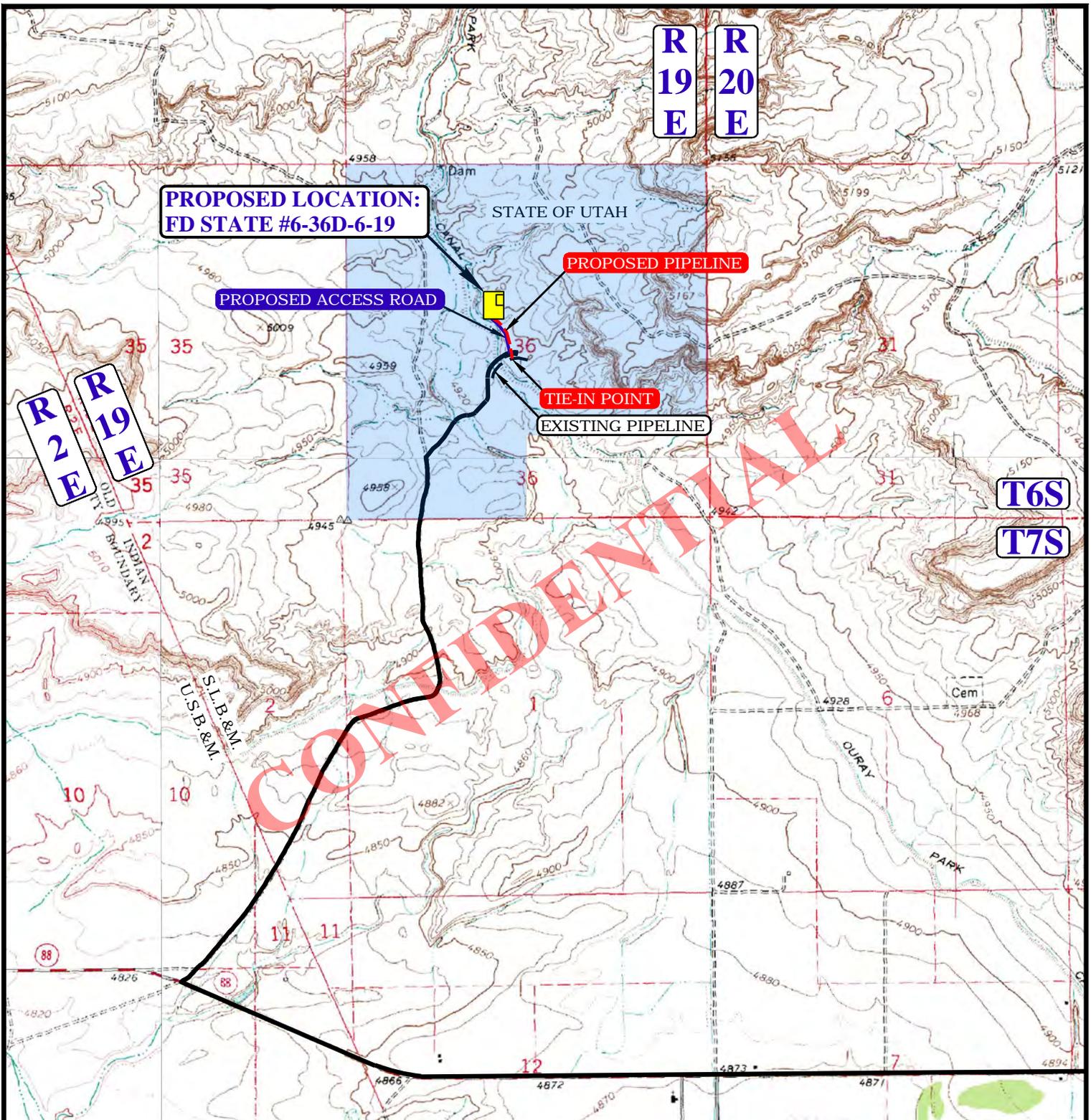
**FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL**

DRAWN BY: M.L.	DATE DRAWN: 06-16-14
SCALE: 1" = 2000'	REV: 07-15-14 J.M.C.

ACCESS ROAD MAP TOPO B



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



APPROXIMATE TOTAL PIPELINE DISTANCE = 627' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

- LEGEND:**
- PROPOSED ROAD
 - EXISTING PIPELINE
 - - - - - PROPOSED PIPELINE
 - EXISTING ROAD

BILL BARRETT CORPORATION

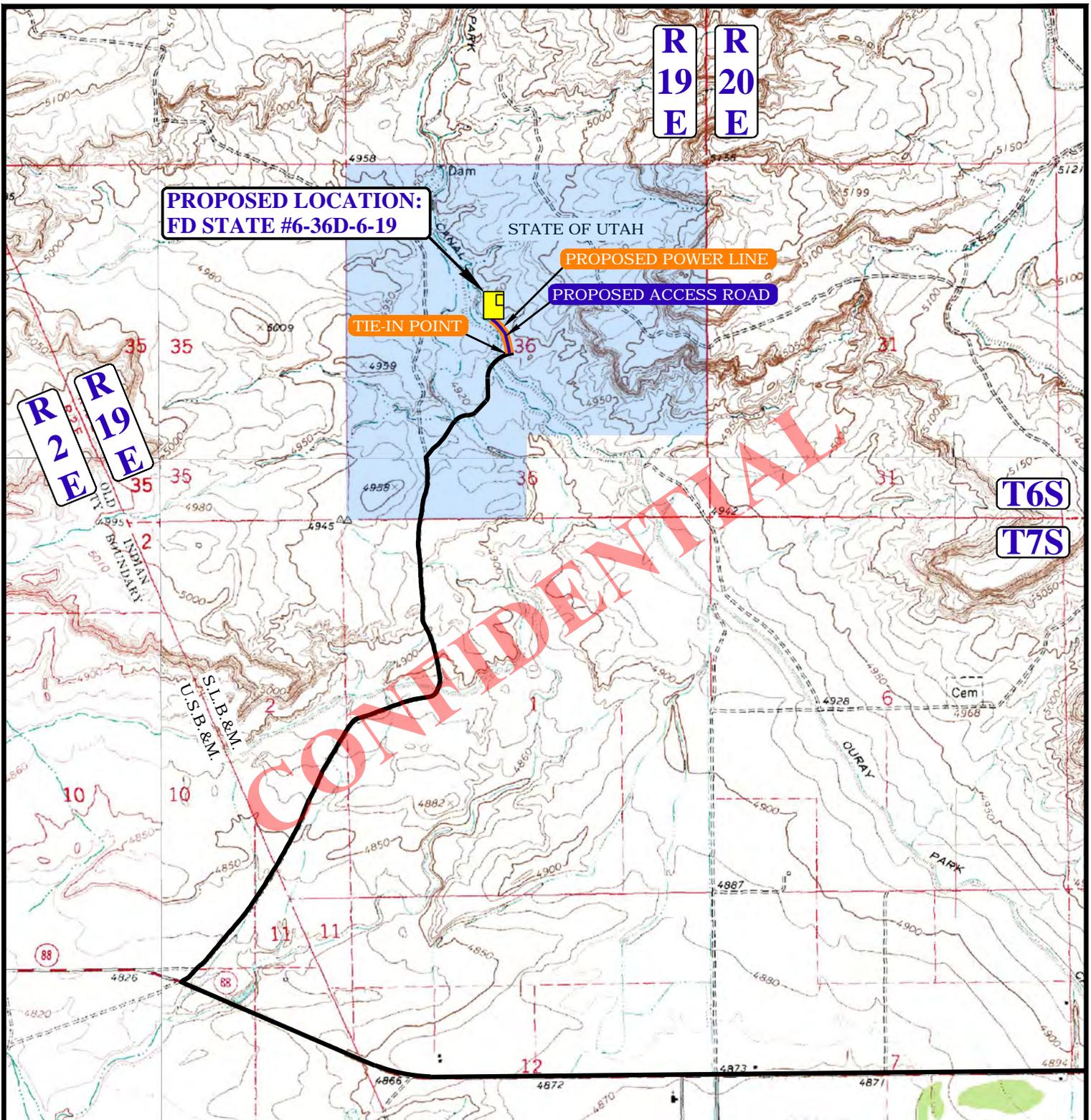
**FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL**



DRAWN BY: M.L.	DATE DRAWN: 06-16-14
SCALE: 1" = 2000'	REV: 07-15-14 J.M.C.
PIPELINE MAP	TOPO C



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



APPROXIMATE TOTAL POWER LINE DISTANCE = 588' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- PROPOSED ROAD
- PROPOSED POWER LINE
- EXISTING ROAD

BILL BARRETT CORPORATION

**FD STATE #6-36D-6-19
SECTION 36, T6S, R19E, S.L.B.&M.
2060' FNL 2175' FWL**



DRAWN BY: M.L.	DATE DRAWN: 06-16-14
SCALE: 1" = 2000'	REV: 07-15-14 J.M.C.
POWER LINE MAP	TOPO D



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



Bill Barrett Corporation

Fort Duchesne
SECTION 36 T6S, R19E
FD State 6-36D-6-19

Wellbore #1

Plan: Design #1

Standard Planning Report

08 September, 2014

CONFIDENTIAL





Payzone Directional
Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Company:	Bill Barrett Corporation	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Project:	Fort Duchesne	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Site:	SECTION 36 T6S, R19E	North Reference:	True
Well:	FD State 6-36D-6-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Fort Duchesne		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Southern Zone		

Site	SECTION 36 T6S, R19E				
Site Position:		Northing:	11,153,657.48 usft	Latitude:	40° 15' 12.040 N
From:	Lat/Long	Easting:	2,135,118.74 usft	Longitude:	109° 43' 44.880 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.08 °

Well	FD State 6-36D-6-19, SHL: 40° 15' 22.400 -109° 43' 58.870					
Well Position	+N/-S	1,049.3 usft	Northing:	11,154,686.07 usft	Latitude:	40° 15' 22.400 N
	+E/-W	-1,085.6 usft	Easting:	2,134,013.44 usft	Longitude:	109° 43' 58.870 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,965.0 usft	Ground Level:	4,952.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	9/8/2014	(°)	(°)	(nT)
			10.79	65.95	52,115

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	292.34

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,543.4	2.15	292.34	1,543.3	1.0	-2.5	1.50	1.50	0.00	292.34	
7,011.5	2.15	292.34	7,007.7	79.0	-192.3	0.00	0.00	0.00	0.00	
7,154.9	0.00	0.00	7,151.0	80.0	-194.8	1.50	-1.50	0.00	180.00	FD State 6-36D-6-19
9,301.9	0.00	0.00	9,298.0	80.0	-194.8	0.00	0.00	0.00	0.00	



Payzone Directional
Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Company:	Bill Barrett Corporation	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Project:	Fort Duchesne	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Site:	SECTION 36 T6S, R19E	North Reference:	True
Well:	FD State 6-36D-6-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,500.0	1.50	292.34	1,500.0	0.5	-1.2	1.3	1.50	1.50	0.00	
1,543.4	2.15	292.34	1,543.3	1.0	-2.5	2.7	1.50	1.50	0.00	
1,600.0	2.15	292.34	1,599.9	1.8	-4.5	4.8	0.00	0.00	0.00	
1,700.0	2.15	292.34	1,699.9	3.3	-7.9	8.6	0.00	0.00	0.00	
1,800.0	2.15	292.34	1,799.8	4.7	-11.4	12.3	0.00	0.00	0.00	
1,900.0	2.15	292.34	1,899.7	6.1	-14.9	16.1	0.00	0.00	0.00	
2,000.0	2.15	292.34	1,999.6	7.5	-18.3	19.8	0.00	0.00	0.00	
2,100.0	2.15	292.34	2,099.6	9.0	-21.8	23.6	0.00	0.00	0.00	
2,200.0	2.15	292.34	2,199.5	10.4	-25.3	27.3	0.00	0.00	0.00	
2,300.0	2.15	292.34	2,299.4	11.8	-28.8	31.1	0.00	0.00	0.00	
2,400.0	2.15	292.34	2,399.4	13.2	-32.2	34.8	0.00	0.00	0.00	
2,500.0	2.15	292.34	2,499.3	14.7	-35.7	38.6	0.00	0.00	0.00	
2,600.0	2.15	292.34	2,599.2	16.1	-39.2	42.3	0.00	0.00	0.00	
2,700.0	2.15	292.34	2,699.2	17.5	-42.6	46.1	0.00	0.00	0.00	
2,800.0	2.15	292.34	2,799.1	18.9	-46.1	49.8	0.00	0.00	0.00	
2,900.0	2.15	292.34	2,899.0	20.4	-49.6	53.6	0.00	0.00	0.00	
3,000.0	2.15	292.34	2,998.9	21.8	-53.0	57.4	0.00	0.00	0.00	
3,100.0	2.15	292.34	3,098.9	23.2	-56.5	61.1	0.00	0.00	0.00	
3,200.0	2.15	292.34	3,198.8	24.6	-60.0	64.9	0.00	0.00	0.00	
3,300.0	2.15	292.34	3,298.7	26.1	-63.5	68.6	0.00	0.00	0.00	
3,400.0	2.15	292.34	3,398.7	27.5	-66.9	72.4	0.00	0.00	0.00	
3,500.0	2.15	292.34	3,498.6	28.9	-70.4	76.1	0.00	0.00	0.00	
3,600.0	2.15	292.34	3,598.5	30.4	-73.9	79.9	0.00	0.00	0.00	
3,700.0	2.15	292.34	3,698.4	31.8	-77.3	83.6	0.00	0.00	0.00	
3,800.0	2.15	292.34	3,798.4	33.2	-80.8	87.4	0.00	0.00	0.00	
3,900.0	2.15	292.34	3,898.3	34.6	-84.3	91.1	0.00	0.00	0.00	
4,000.0	2.15	292.34	3,998.2	36.1	-87.8	94.9	0.00	0.00	0.00	
4,100.0	2.15	292.34	4,098.2	37.5	-91.2	98.6	0.00	0.00	0.00	
4,200.0	2.15	292.34	4,198.1	38.9	-94.7	102.4	0.00	0.00	0.00	
4,300.0	2.15	292.34	4,298.0	40.3	-98.2	106.1	0.00	0.00	0.00	
4,400.0	2.15	292.34	4,398.0	41.8	-101.6	109.9	0.00	0.00	0.00	
4,500.0	2.15	292.34	4,497.9	43.2	-105.1	113.6	0.00	0.00	0.00	
4,600.0	2.15	292.34	4,597.8	44.6	-108.6	117.4	0.00	0.00	0.00	
4,700.0	2.15	292.34	4,697.7	46.0	-112.1	121.1	0.00	0.00	0.00	
4,800.0	2.15	292.34	4,797.7	47.5	-115.5	124.9	0.00	0.00	0.00	
4,900.0	2.15	292.34	4,897.6	48.9	-119.0	128.6	0.00	0.00	0.00	
5,000.0	2.15	292.34	4,997.5	50.3	-122.5	132.4	0.00	0.00	0.00	



Payzone Directional
Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Company:	Bill Barrett Corporation	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Project:	Fort Duchesne	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Site:	SECTION 36 T6S, R19E	North Reference:	True
Well:	FD State 6-36D-6-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,100.0	2.15	292.34	5,097.5	51.7	-125.9	136.2	0.00	0.00	0.00	
5,200.0	2.15	292.34	5,197.4	53.2	-129.4	139.9	0.00	0.00	0.00	
5,300.0	2.15	292.34	5,297.3	54.6	-132.9	143.7	0.00	0.00	0.00	
5,400.0	2.15	292.34	5,397.2	56.0	-136.4	147.4	0.00	0.00	0.00	
5,500.0	2.15	292.34	5,497.2	57.4	-139.8	151.2	0.00	0.00	0.00	
5,600.0	2.15	292.34	5,597.1	58.9	-143.3	154.9	0.00	0.00	0.00	
5,700.0	2.15	292.34	5,697.0	60.3	-146.8	158.7	0.00	0.00	0.00	
5,800.0	2.15	292.34	5,797.0	61.7	-150.2	162.4	0.00	0.00	0.00	
5,900.0	2.15	292.34	5,896.9	63.2	-153.7	166.2	0.00	0.00	0.00	
6,000.0	2.15	292.34	5,996.8	64.6	-157.2	169.9	0.00	0.00	0.00	
6,100.0	2.15	292.34	6,096.8	66.0	-160.6	173.7	0.00	0.00	0.00	
6,200.0	2.15	292.34	6,196.7	67.4	-164.1	177.4	0.00	0.00	0.00	
6,300.0	2.15	292.34	6,296.6	68.9	-167.6	181.2	0.00	0.00	0.00	
6,400.0	2.15	292.34	6,396.5	70.3	-171.1	184.9	0.00	0.00	0.00	
6,500.0	2.15	292.34	6,496.5	71.7	-174.5	188.7	0.00	0.00	0.00	
6,600.0	2.15	292.34	6,596.4	73.1	-178.0	192.4	0.00	0.00	0.00	
6,700.0	2.15	292.34	6,696.3	74.6	-181.5	196.2	0.00	0.00	0.00	
6,800.0	2.15	292.34	6,796.3	76.0	-184.9	199.9	0.00	0.00	0.00	
6,900.0	2.15	292.34	6,896.2	77.4	-188.4	203.7	0.00	0.00	0.00	
7,000.0	2.15	292.34	6,996.1	78.8	-191.9	207.5	0.00	0.00	0.00	
7,011.5	2.15	292.34	7,007.7	79.0	-192.3	207.9	0.00	0.00	0.00	
7,100.0	0.82	292.34	7,096.1	79.9	-194.4	210.2	1.50	-1.50	0.00	
7,154.9	0.00	0.00	7,151.0	80.0	-194.8	210.6	1.50	-1.50	0.00	
7,200.0	0.00	0.00	7,196.1	80.0	-194.8	210.6	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,296.1	80.0	-194.8	210.6	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,396.1	80.0	-194.8	210.6	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,496.1	80.0	-194.8	210.6	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,596.1	80.0	-194.8	210.6	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,696.1	80.0	-194.8	210.6	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,796.1	80.0	-194.8	210.6	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,896.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,996.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,096.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,196.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,296.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,396.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,496.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,596.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,696.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,796.1	80.0	-194.8	210.6	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,896.1	80.0	-194.8	210.6	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,996.1	80.0	-194.8	210.6	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,096.1	80.0	-194.8	210.6	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,196.1	80.0	-194.8	210.6	0.00	0.00	0.00	
9,301.9	0.00	0.00	9,298.0	80.0	-194.8	210.6	0.00	0.00	0.00	



Payzone Directional
Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Company:	Bill Barrett Corporation	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Project:	Fort Duchesne	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)
Site:	SECTION 36 T6S, R19E	North Reference:	True
Well:	FD State 6-36D-6-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
FD State 6-36D-6-19 TC	0.00	0.00	7,151.0	80.0	-194.8	11,154,762.40	2,133,817.19	40° 15' 23.190 N	109° 44' 1.380 W
- plan hits target center									
- Rectangle (sides W200.0 H200.0 D2,147.0)									

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(usft)	(usft)			(°)	(°)	
2,530.7	2,530.0	Base Mod Saline Groundwater		0.00		
4,920.4	4,918.0	Green River		0.00		
6,004.2	6,001.0	Mahogany		0.00		
6,962.9	6,959.0	Pelican Bench		0.00		
7,154.9	7,151.0	TGR3		0.00		
7,291.9	7,288.0	Douglas Creek		0.00		
7,840.9	7,837.0	Black Shale Facies		0.00		
7,961.9	7,958.0	Castle Peak		0.00		
8,210.9	8,207.0	Uteland Butte		0.00		
8,801.9	8,798.0	Wasatch		0.00		
8,801.9	8,798.0	TD		0.00		



Well Name: FD State 6-36D-6-19
 Surface Location: SECTION 36 T6S, R19E
 North American Datum 1983, US State Plane 1983, Utah Southern Zone
 Ground Elevation: 4952.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 11154686.07 2134013.44 40° 15' 22.400 N 109° 43' 58.870 W
 PLAN KB FD State 6-36D-6-19 @ 4965.0usft (PLAN KB)



Azimuths to True North
 Magnetic North: 10.79°
 Magnetic Field
 Strength: 52114.7snT
 Dip Angle: 65.95°
 Date: 9/8/2014
 Model: IGRF2010

SECTION 36 T6S, R19E
 FD State 6-36D-6-19
 Design #1
 5:19, September 08 2014

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

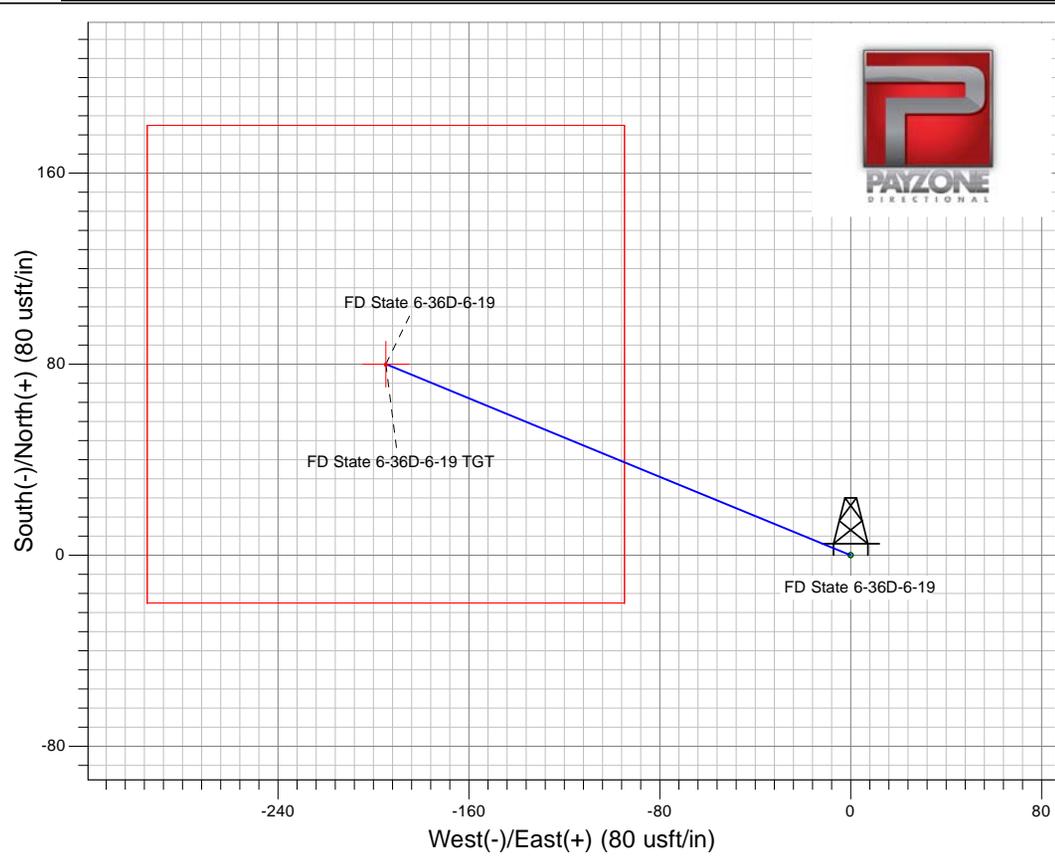
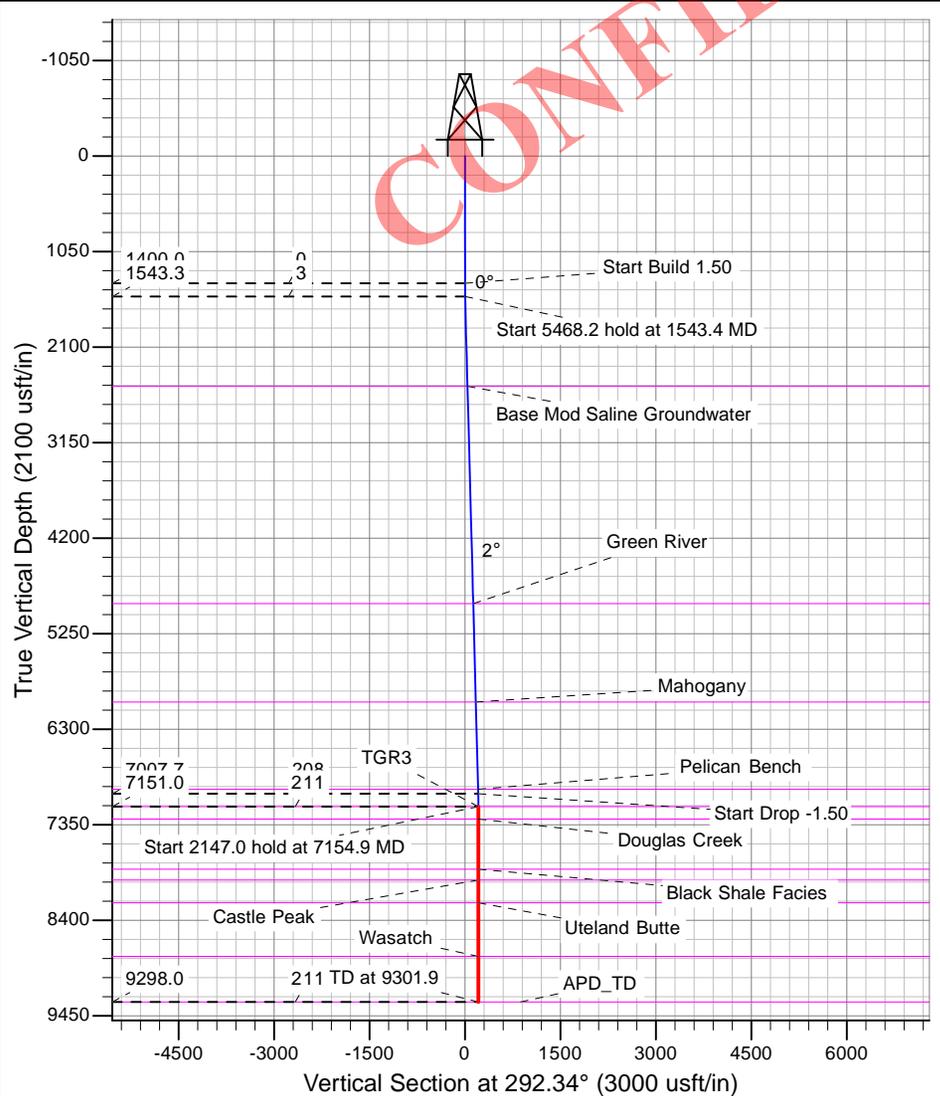
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
FD State 6-36D-6-19 TGT	2106.0	80.0	-194.8	11154762.40	2133817.19	40° 15' 23.190 N	109° 44' 1.380 W	Rectangle (Sides: L200.0 W200.0)

FORMATION TOP DETAILS

TVDPath	MDPath	Formation	DipAngle	DipDir
2530.0	2530.7	Base Mod Saline Groundwater	0.00	
4918.0	4920.4	Green River	0.00	
6001.0	6004.2	Mahogany	0.00	
6959.0	6962.9	Pelican Bench	0.00	
7151.0	7154.9	TGR3	0.00	
7288.0	7291.9	Douglas Creek	0.00	
7837.0	7840.9	Bl. Shale Facies	0.00	
7958.0	7961.9	Castle Peak	0.00	
8207.0	8210.9	Uteland Butte	0.00	
8798.0	8801.9	TD	0.00	
8798.0	8801.9	Wasatch	0.00	

SECTION DETAILS

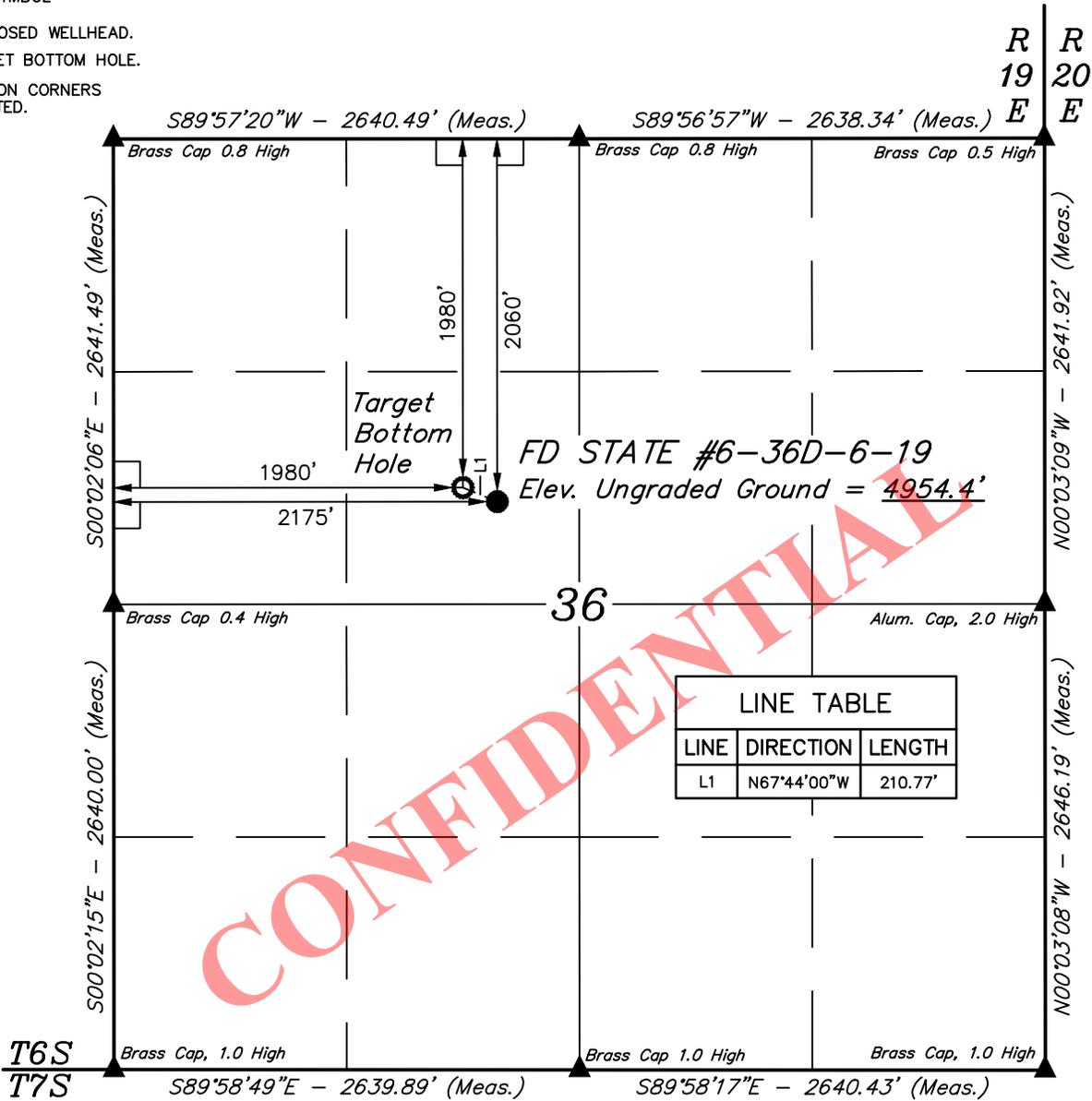
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1543.4	2.15	292.34	1543.3	1.0	-2.5	1.50	292.34	2.7	
4	7011.5	2.15	292.34	7007.7	79.0	-192.3	0.00	0.00	207.9	
5	7154.9	0.00	0.00	7151.0	80.0	-194.8	1.50	180.00	210.6	FD State 6-36D-6-19 TGT
6	9301.9	0.00	0.00	9298.0	80.0	-194.8	0.00	0.00	210.6	



T6S, R19E, S.L.B.&M.

LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.



NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°15'23.19" (40.256442)	LATITUDE = 40°15'22.40" (40.256222)
LONGITUDE = 109°44'01.38" (109.733717)	LONGITUDE = 109°43'58.87" (109.733019)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°15'23.33" (40.256481)	LATITUDE = 40°15'22.54" (40.256261)
LONGITUDE = 109°43'58.87" (109.733019)	LONGITUDE = 109°43'56.36" (109.732321)

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.



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

BASIS OF ELEVATION
BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BILL BARRETT CORPORATION

FD STATE #6-36D-6-19
SE 1/4 NW 1/4, SECTION 36, T6S, R19E, S.L.B.&M.
UINTAH COUNTY, UTAH

SURVEYED BY: R.R., C.W.	SURVEY DATE: 06-02-14
DRAWN BY: T.T.	DATE DRAWN: 06-20-14
SCALE: 1" = 1000'	REVISED: 08-07-14 C.C.

WELL LOCATION PLAT

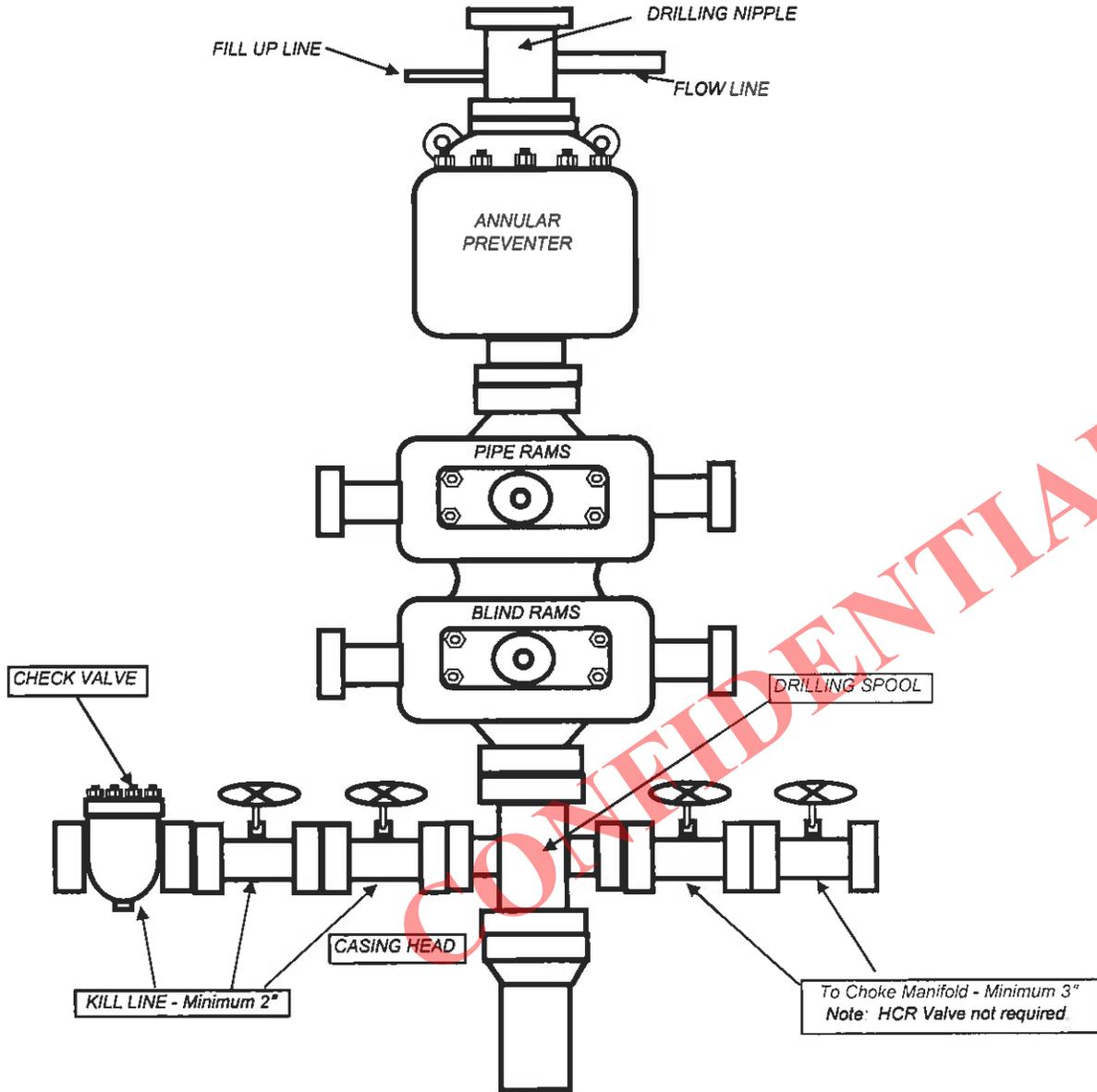


UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



BILL BARRETT CORPORATION

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





July 16, 2014

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, UT 84116

RE: Commingling Notice
East Bluebell Area
FD State 6-36D-6-19
SENW, Section 36 T6S-R19E
Uintah County, Utah

Dear Mr. Doucet,

Bill Barrett Corporation (BBC) has submitted Notices to commingle production from the Wasatch and Green River Formations in the subject well located in East Bluebell Area. BBC has notified all owners of oil and gas leases contiguous to the drilling unit.

Should you require additional information in this please feel free to contact me at 303-312-8164. Your earliest attention to this matter is appreciated.

Regards,

Brady R. Funk
for

Kevin T. Funk
Landman I
BILL BARRETT CORPORATION

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Enclosures



AFFIDAVIT OF NOTICE

My name is Kevin T. Funk. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted An application to commingle production from the Wasatch and Green River formations in the following well within our East Bluebell Field:

FD State 6-36D-6-19 SENW Section 36 T6S-R19E

Bill Barrett Corporation has notified all owners in lands contiguous to drilling unit. The Lessees are listed below.

Lessees:
Crescent Point Energy Corporation

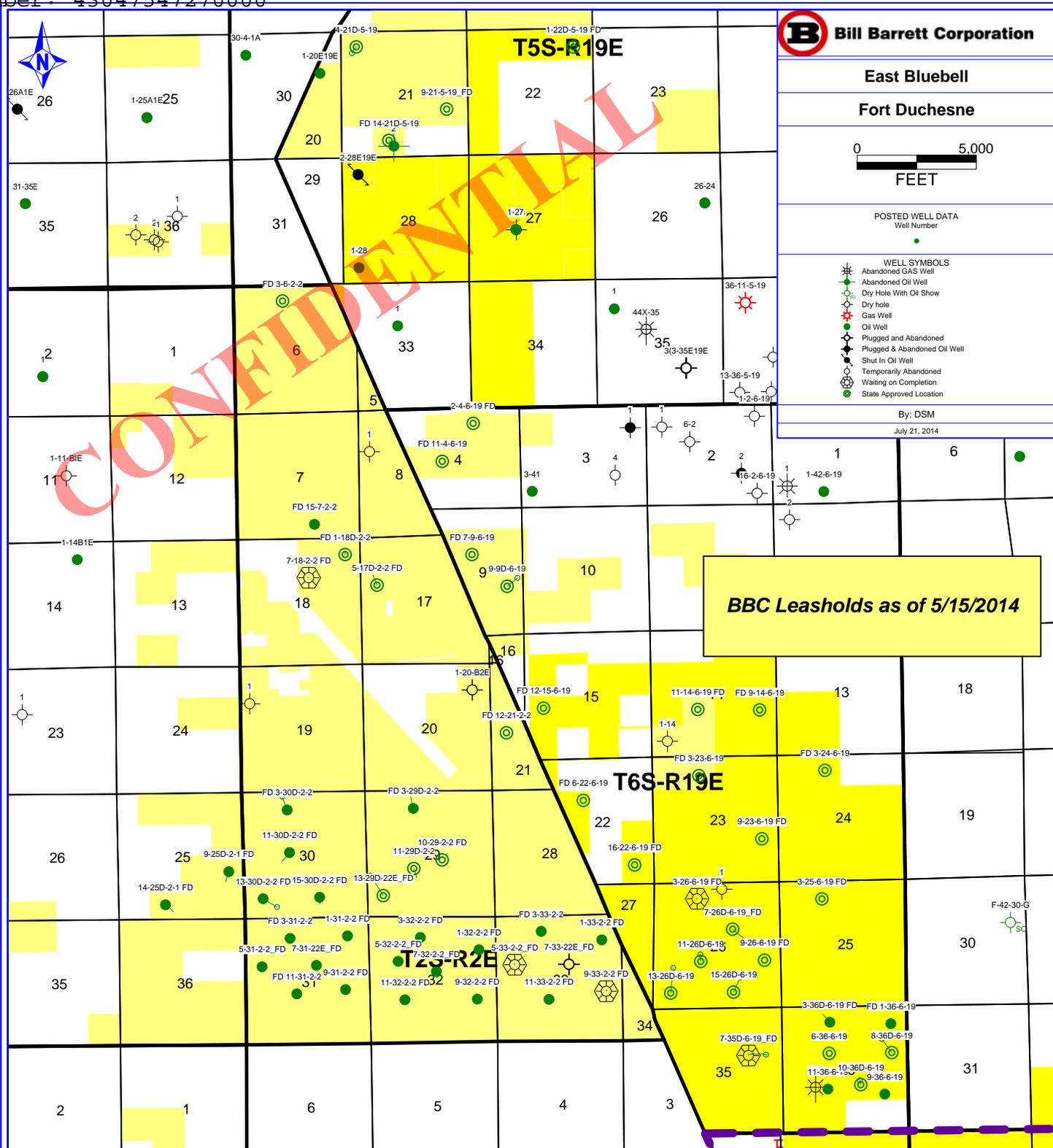
Date: July 16, 2014 Affiant

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Regards,

A handwritten signature in black ink that reads 'Brady Rimm' with 'for' written below it.

Kevin T. Funk
Landman I
BILL BARRETT CORPORATION



East Bluebell

Fort Duchesne



POSTED WELL DATA
Well Number

- WELL SYMBOLS
- Abandoned GAS Well
 - Abandoned Oil Well
 - Dry Hole With Oil Show
 - Dry hole
 - Gas Well
 - Oil Well
 - Plugged and Abandoned
 - Plugged & Abandoned Oil Well
 - Shut In Oil Well
 - Temporarily Abandoned
 - Waiting on Completion
 - State Approved Location

By: DSM
July 21, 2014

BBC Leasholds as of 5/15/2014



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 Location- FD State 6-36D-6-19
East Bluebell Area
Surface: 2060' FNL and 2175' FWL, Sec. 36, T6S-R19E SLM
Bottom Hole: 1980' FSL and 1980' FWL, Sec. 36, T6S-R19E SLM
Uintah 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 Sitting of Wells.

- The proposed location is within our East Bluebell 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 ML-50801.
- BBC certifies that it is the owner of oil and gas in tracts within 460 feet from all points along the intended well bore and that all owners, now known, to the proposed directional drilling program, have been notified of BBC's intention to drill a directional well. BBC further certifies that it has obtained written consent from all owners in each tract within 460 feet of the intended well bore in which BBC is not an owner. The captioned well is subject to statewide citing.

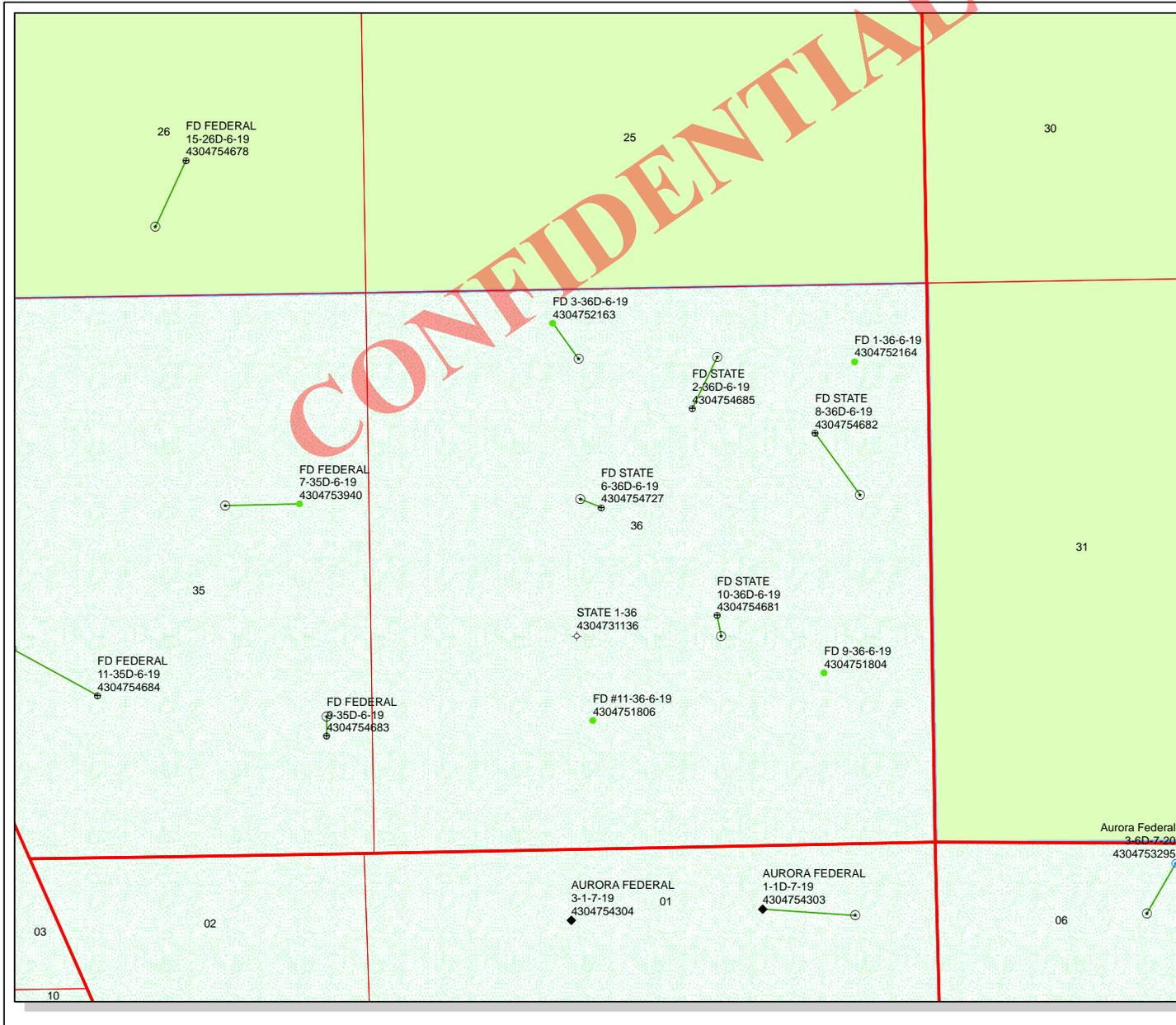
Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. Should you have any questions or need further information, please contact me at 303-312-8164.

Regards,

A handwritten signature in black ink that reads 'Kevin T. Funk' with a stylized flourish below it.

Kevin T. Funk
Landman I
BILL BARRETT CORPORATION

CONFIDENTIAL



API Number: 4304754727

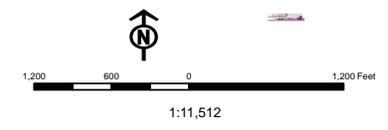
Well Name: FD STATE 6-36D-6-19

Township: T06.0S Range: R19.0E Section: 36 Meridian: S

Operator: BILL BARRETT CORP

Map Prepared: 9/10/2014
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
◆ APD - Approved Permit	◆	□ ACTIVE	□
○ DRL - Spudded (Drilling Commenced)	○	□ EXPLORATORY	□
✂ GW - Gas Injection	✂	□ GAS STORAGE	□
★ GS - Gas Storage	★	□ NF PP OIL	□
⊕ LOC - New Location	⊕	□ PI OIL	□
⊖ OPS - Operation Suspended	⊖	□ PP GAS	□
⊙ PA - Plugged Abandoned	⊙	□ PP GEOTHERMAL	□
⊕ PGW - Producing Gas Well	⊕	□ PP OIL	□
⊖ POW - Producing Oil Well	⊖	□ SECONDARY	□
⊙ SGW - Shut-in Gas Well	⊙	□ TERMINATED	□
⊙ SOW - Shut-in Oil Well	⊙		
○ TA - Temp. Abandoned	○		
○ TW - Test Well	○		
○ WDW - Water Disposal	○		
○ WW - Water Injection Well	○		
● WSW - Water Supply Well	●		
		Fields	
		STATUS	
		□ Unknown	□
		□ ABANDONED	□
		□ ACTIVE	□
		□ COMBINED	□
		□ INACTIVE	□
		□ STORAGE	□
		□ TERMINATED	□



Well Name	BILL BARRETT CORP FD STATE 6-36D-6-19 43047547270000			
String	Cond	Surf	Prod	
Casing Size(")	16.000	8.625	5.500	
Setting Depth (TVD)	80	1200	9298	
Previous Shoe Setting Depth (TVD)	0	80	1200	
Max Mud Weight (ppg)	8.7	8.7	9.5	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	2950	7740	
Operators Max Anticipated Pressure (psi)	4593		9.5	

Calculations	Cond String	16.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	36		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	26	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	18	NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	18	NO	
Required Casing/BOPE Test Pressure=		80	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient	

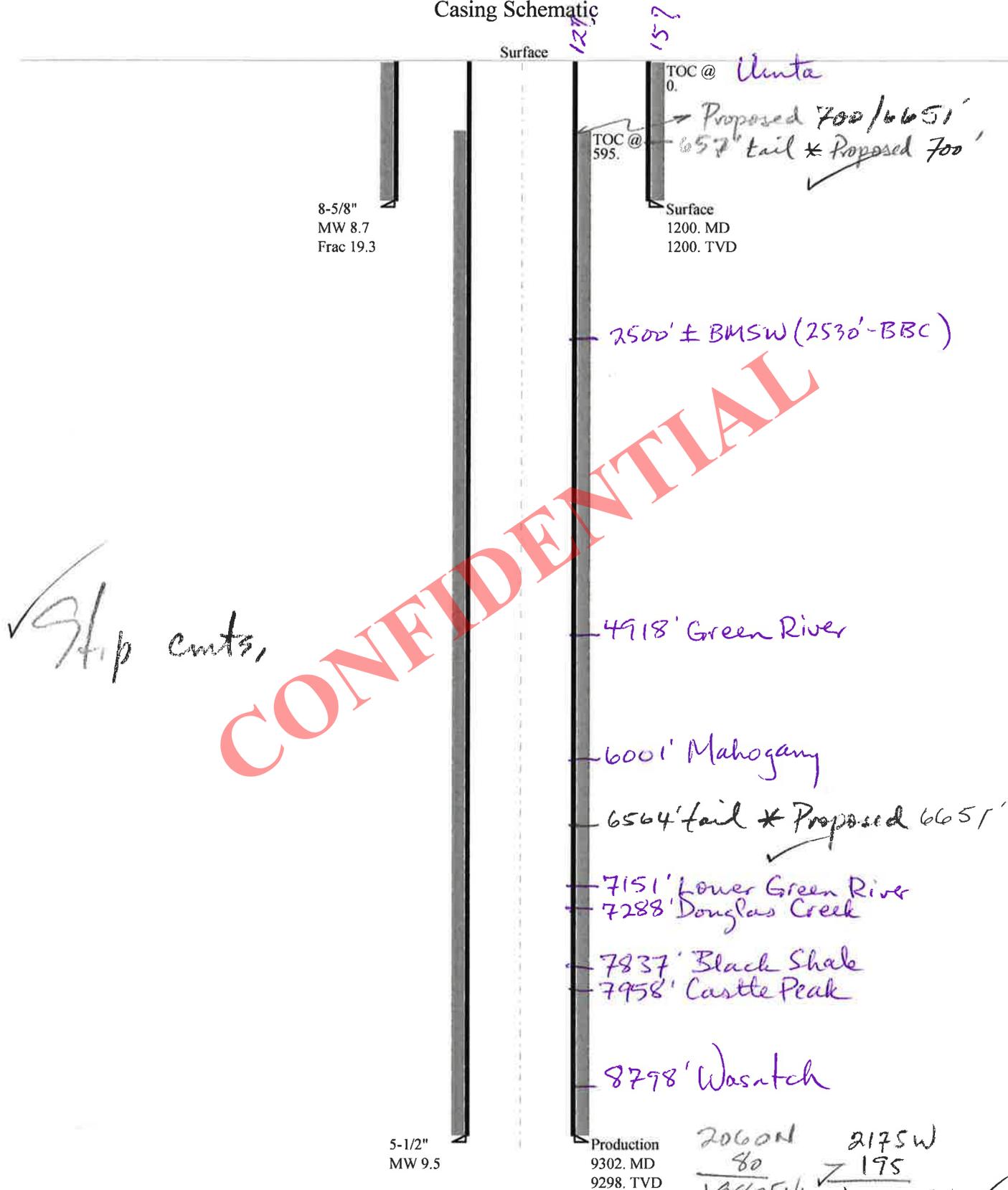
Calculations	Surf String	8.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	543		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	399	YES	diverter or rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	279	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	297	NO	OK
Required Casing/BOPE Test Pressure=		1200	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient	

Calculations	Prod String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	4593		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3477	YES	5M BOPE with dbl rams, annular preventer, drilling spool
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2547	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2811	NO	OK
Required Casing/BOPE Test Pressure=		5000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		1200	psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient	

43047547270000 FD State 6-36D-6-19

Casing Schematic



✓ Slip cmts,

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121
157

TOC @ *Uluta*
0.

TOC @
595.

→ Proposed 700/6651'
657' tail * Proposed 700'

Surface
1200. MD
1200. TVD

8-5/8"
MW 8.7
Frac 19.3

2500' ± BMSW (2530'-BBC)

4918' Green River

6001' Mahogany

6564' tail * Proposed 6651'

7151' Lower Green River

7288' Douglas Creek

7837' Black Shale

7958' Castle Peak

8798' Wasatch

5-1/2"
MW 9.5

Production
9302. MD
9298. TVD

2060N	2175W
80	175
1980FNL	1980FWL ✓ o.v.

SE NW Sec 36-05-19E

Well name:	43047547270000 FD State 6-36D-6-19		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-047-54727
Location:	UINTAH COUNTY		

Design parameters:

Collapse

Mud weight: 8.700 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 91 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,056 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 1,200 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.70 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 1,043 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,298 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 4,589 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,200 ft
 Injection pressure: 1,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1200	8.625	24.00	J-55	ST&C	1200	1200	7.972	6178
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	542	1370	2.526	1200	2950	2.46	25	244	9.74 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: October 15, 2014
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1200 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047547270000 FD State 6-36D-6-19		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-54727
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 204 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 595 ft

Burst

Max anticipated surface pressure: 2,543 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,589 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on buoyed weight.
Neutral point: 7,962 ft

Directional Info - Build & Drop

Kick-off point 1400 ft
Departure at shoe: 211 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9302	5.5	17.00	I-80	LT&C	9298	9302	4.767	104367
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4589	6290	1.371	4589	7740	1.69	135.3	320	2.37 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: October 15, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9298 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

----- Forwarded message -----

From: **Jeff Conley** <jconley@utah.gov>

Date: Tue, Oct 28, 2014 at 7:37 AM

Subject: Well Approvals

To: Bradley Hill <bradhill@utah.gov>, Diana Mason <dianawhitney@utah.gov>

Cc: Brady Riley <briley@billbarrettcorp.com>

Hello,

The following wells have been approved by SITLA for both arch and paleo with the paleo requirement that it be spot checked if bedrock is impacted:

(4304754681) FD State 10-36D-6-19

(4304754685) FD State 2-36D-6-19

(4304754727) FD State 6-36D-6-19

The following well has been approved by SITLA for both arch and paleo with the paleo requirement that it be spot checked during all ground disturbing activities:

(4304754682) FD State 8-36D-6-19

Thanks,

—
Jeff Conley
SITLA Resource Specialist
jconley@utah.gov

<https://mail.google.com/mail/u/0/?ui=2&ik=8f5180f90a&view=pt&search=inbox&th=1495748e89b509d3&siml=1495748e89b509d3>

CONFIDENTIAL

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD STATE 6-36D-6-19
API Number 43047547270000 **APD No** 10248 **Field/Unit** MOFFAT CANAL
Location: 1/4,1/4 SENW **Sec** 36 **Tw** 6.0S **Rng** 19.0E 2060 FNL 2175 FWL
GPS Coord (UTM) 607746 4456970 **Surface Owner**

Participants

Zack Garner and Jake Woodland (Bill Barrett Corporation), Cody Rich (surveyor), Whitney Szabo (permit contractor), Terra Miller (land contractor), Ed Bonner (SITLA)

Regional/Local Setting & Topography

This location sits approximately 5 miles north west of Pelican Lake and 3.5 miles south of Hwy 40 between Vernal and Roosevelt, UT. This area is made up of broken hills and scattered rock ridges. To the north and west and farther to the south lie some irrigated farm and pasture land and directly below the location to the west lays the Ouray Park irrigation canal. Drainage from this location is to the canal. According to BBC representative Jake Woodland the Ouray Park Canal has been abandoned and is no longer used for irrigation.

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad Width 295 Length 400	Src Const Material	Surface Formation
0.11		Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Burrowing owl habitat, DWR representative Ben Williams requested a burrowing owl survey prior to construction. If present construction should be delayed until young birds are grown.

Greasewood, various desert grasses, prickly pear, horse brush

Soil Type and Characteristics

Sandy soil

Erosion Issues Y

very sandy, will need rock

Sedimentation Issues N

Site Stability Issues N

Not if constructed properly with imported gravel

Drainage Diversion Required? N**Berm Required?** Y

Very permeable soil

Erosion Sedimentation Control Required? N

Rock to be imported for surface

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

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	TDS>5000 and	10
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		30

1 Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in a cut stable location. Dimensions are 155ft x 100ft x 10ft. Bill Barrett representative Zack Garner stated that a 20 mil reserve pit liner and felt subliner are standard equipment on all BBC reserve pits. This liner program appears adequate for this location.

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

Other Observations / Comments

Richard Powell
Evaluator

9/17/2014
Date / Time

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

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
10248	43047547270000	LOCKED	OW	S	No
Operator	BILL BARRETT CORP		Surface Owner-APD		
Well Name	FD STATE 6-36D-6-19		Unit		
Field	MOFFAT CANAL		Type of Work	DRILL	
Location	SENW 36 6S 19E S 2060 FNL (UTM) 607749E 4456967N		2175 FWL GPS Coord		

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,200 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 2,500'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up to or above the base of the moderately saline ground water.

Brad Hill
APD Evaluator

9/22/2014
Date / Time

Surface Statement of Basis

This proposed well site is on state surface with state minerals. SITLA representative Ed Bonner attended this presite and expressed approval for drilling at this site. Mr. Bonner stated no concerns and made no recommendations for change to this proposed drill site. UDWR representative Ben Williams stated that this is yearlong pronghorn habitat but stated that the DWR would make no recommendations for pronghorn. Mr. Williams also stated that this site is Burrowing Owl habitat and requested that a survey be done prior to construction of the site if it is scheduled for the spring and summer months when baby birds might be present. Mr. Williams did not state specific dates for when this survey would be needed but if owls are present the construction should be delayed until the young are gone from the nest. The proposed site is on a small bench with very sandy soil. Very minor drainages are crossed. A reserve pit is proposed in a cut stable location and according BBC representative Zack Garner a 20 mil liner and felt subliner will be used. This liner program appears adequate for the site. Due to very permeable soils this location will require a berm to keep spilled or leaked fluid contained to the pad.

Richard Powell
Onsite Evaluator

9/17/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.

Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/8/2014

API NO. ASSIGNED: 43047547270000

WELL NAME: FD STATE 6-36D-6-19

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: SENW 36 060S 190E

Permit Tech Review:

SURFACE: 2060 FNL 2175 FWL

Engineering Review:

BOTTOM: 1980 FNL 1980 FWL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.25623

LONGITUDE: -109.73298

UTM SURF EASTINGS: 607749.00

NORTHINGS: 4456967.00

FIELD NAME: MOFFAT CANAL

LEASE TYPE: 3 - State

LEASE NUMBER: ML 50801

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - LPM4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 49-1645
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-11
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill
 3 - Commingling - ddoucet
 5 - Statement of Basis - bhill
 6 - State Antiquities - lcordova
 12 - Cement Volume (3) - hmacdonald
 15 - Directional - dmason
 23 - Spacing - dmason
 25 - Surface Casing - hmacdonald



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. HAZA
Division Director

Permit To Drill

Well Name: FD STATE 6-36D-6-19

API Well Number: 43047547270000

Lease Number: ML 50801

Surface Owner: STATE

Approval Date: 10/29/2014

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 R649-3-11. The expected producing formation or pool is the GREEN RIVER(LWR)-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

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

Commingle:

Administrative approval for commingling the production from the Wasatch formation and the Green River formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

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:

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

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to 700' MD and tail cement to 500' above Lower Green River as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical, or paleontological remains be encountered during your operations you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains. *Per SITLA, paleo should be spot checked if bedrock is impacted.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

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
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

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:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 50801	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD STATE 6-36D-6-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047547270000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 2175 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH	
		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: 11/19/2014 <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 style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Drilling Contractor: Triple A Drilling LLC. Rig #: TA 4037 Rig Type: Soilmec SR/30 Spud Date: 11/19/14 Spud Time: 8:00 AM Commence Drilling approximate start date: 12/31/2014			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 20, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 11/20/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML 50801	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well	
8. WELL NAME and NUMBER: FD STATE 6-36D-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	
9. API NUMBER: 43047547270000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	
PHONE NUMBER: 303 312-8134 Ext	
9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 2175 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 36 Township: 06.0S Range: 19.0E Meridian: S	
COUNTY: UINTAH	
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/30/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Attached is the November 2014 Drilling Activity for this well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 December 09, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 12/3/2014	


FD State 06-36D-6-19 11/26/2014 12:00 - 11/27/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 6,500.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
12:00	5.00	17:00	1	RIGUP & TEARDOWN	MOVE RIG FROM AF 3-1-7-19 T/ FD STATE 6-36D-6-19 100% ON LOCATION @ 3:00 PM RELEASE TRUCKS @ 5:00 PM	
17:00	8.00	01:00	1	RIGUP & TEARDOWN	RIG UP WIND WALLS, MUD PUMPS, FLOOR, INSTALL BOOM, RIG UP BOILER, STEAM LINES, FLOW LINE, CONDUCTOR FILL PITS, RIG ON DAY WORK @ 24:00	
01:00	0.50	01:30	21	OPEN	STRAP B.H.A AND DIRECTIONAL TOOLS	
01:30	1.50	03:00	20	DIRECTIONAL WORK	PICK UP DIRECTIONAL TOOLS SCRIBE TOOL	
03:00	3.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING 12 1/4 SURFACE F/ 90'-306' (216') 72' FPH AVG GPM=488 TOPDRIVE RPM=35 MOTOR RPM=83 TOTAL RPM= 122 WT ON BIT=16K OFF BOTTOM PRESSURE=601 PSI DIFF PRESS=150-400 PSI	

FD State 06-36D-6-19 11/27/2014 06:00 - 11/28/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 6,500.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	11.00	17:00	2	DRILL ACTUAL	STEERABLE DRILLING 12 1/4 SURFACE F/ 306'-1234' (216') 84' FPH AVG GPM=526 TOPDRIVE RPM=35 MOTOR RPM=89 TOTAL RPM= 134 WT ON BIT=16K OFF BOTTOM PRESSURE= 900 PSI DIFF PRESS=150-400 PSI	
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE	
17:30	2.00	19:30	6	TRIPS	SHORT TRIP TO 8" BACK TO BOTTOM HOLE TAKING CORRECT DISPLACMENT	
19:30	0.50	20:00	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP @ 110 SPM 834 PSI	
20:00	2.50	22:30	6	TRIPS	LAY DOWN DRILL PIPE HOLE TAKING CORRECT DISPALCEMENT	
22:30	1.00	23:30	20	DIRECTIONAL WORK	LAY DOW DIRECTIONAL TOOLS REAMERS, SHOCK SUB.	
23:30	0.50	00:00	21	OPEN	LEVEL DERRICK PREP FLOOR & TOP DRIVE FOR 8 5/8 CASING RUN	
00:00	4.50	04:30	12	RUN CASING & CEMENT	RUN 8 5/8 24# J-55 STC CASING AS FOLLOWS 1 SHOE 1 JNT 1 FLOAT 27 JNTS CASING HOLE GIVING CORRECT DISPLACEMENT	
04:30	1.50	06:00	12	RUN CASING & CEMENT	CIRCULATE WHILE WORKING PIPE RIG UP CEMENTERS AND WAITING ON LAB REULTS FOR TAIL AND LEAD CEMENT	

FD State 06-36D-6-19 11/28/2014 06:00 - 11/29/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 6,500.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.50	07:30	13	WAIT ON CEMENT	WAIT ON RESULTS TO COME BACK FROM THE LAB ON TAIL AND LEAD CEMENT WHILE CIRCULATEING AND WORKING PIPE	
07:30	2.00	09:30	12	RUN CASING & CEMENT	SAFETY MEETING WITH HALLIBURTON CEMENT CREW -TEST LINES @ 5000 PSI, 20 BBLs FRESH WATER 40 BBLs SUPER FLUSH @ 10 PPG 20 BBLs WATER 90 BBLs LEAD CEMENT 185 SKS @ 11.5 PPG YP 3.16 GALS/SK 19.43 67 BBLs TAIL CEMENT 275 SKS @ 14.8 PPG YP 1.37 GAL/SK 6.62 SHUT DOWN WASH UP LINES DROP PLUG DISPLACE WITH 76 BBLs FRESH WATER FINAL LIFT PRESURE 350 PSI BUMP THE PLUG @ 950 PSI FLOATS HELD 20 BBLs OF CEMENT BACK TO SURFACE	
09:30	1.00	10:30	13	WAIT ON CEMENT	RIG DOWN CEMENT HEAD RIG UP 140 FEET 1" FOR TOP OUT	
10:30	0.50	11:00	12	RUN CASING & CEMENT	PUMP 12 BBLs 60 SXS 15.8 1.15 YLD. 5.0 G/SK TOP OUT CEMENT RELEASE HALLIBURTON @ 11:30	
11:00	1.50	12:30	13	WAIT ON CEMENT	WAIT ON CEMENT TO SET UP	
12:30	2.00	14:30	21	OPEN	LIFT CONDUCTOR AND CUT 8 5/8 CASING LAY DOWN CONDUCTOR AND CASING WELD ON WELL CAMERON 11" 5M X 8-5/8" SOW AND TEST	
14:30	4.00	18:30	14	NIPPLE UP B.O.P	NIPPLE UP B.O.Ps	
18:30	3.50	22:00	15	TEST B.O.P	HOLD S/M RIG UP TEST B.O.Ps WITH MIKE SHY WITH B&C QUICK TEST B.O.Ps TEST 5000 HIGH F/10 MINS F.O.S.V AND DART VALVE UPPER KELLY VALVE PIPE RAMS INSIDE VALVES HCR, KILL LINE CHOKE LINE, CHECK VALVE INSIDE MANIFOLD VALVES BLIND RAMS SUPER CHOKE TEST 2500 PSI HIGH ANNULAR TEST SURFACE CASING TO 1500 PSI FOR 30 MINS BLM & UDOGM NOTICE WAS SENT OUT 11/25/2014 9:27 AM	
22:00	1.00	23:00	21	OPEN	INSTALL WARE BUSHING CHANGE IRON ROUGH NECK DIES SWITCH BOOM	
23:00	2.00	01:00	20	DIRECTIONAL WORK	PICK UP DIRECTIONAL TOOLS	
01:00	1.00	02:00	6	TRIPS	TRIP IN THE HOLE TO 840' INSTALL RUBBER	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
02:00	0.50	02:30	21	OPEN	CUT AND SLIP DRILL LINE
02:30	1.00	03:30	6	TRIPS	FINISH TRIPPING IN THE HOLE
03:30	1.00	04:30	2	DRILL ACTUAL	DRILL OUT CEMENT TAG @ 1180' FLOAT @ 1185' AND SHOE 1232' 20' NEW HOLE T/ 1254'
04:30	0.50	05:00	21	OPEN	CIRCULATE AND SPOT LCM PILL PERFORM FIT TEST TO 10.5 EMW 130 PSI
05:00	1.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 1254'-1484' (230') 230' FPH AVG GPM=561 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=20K OFF BOTTOM PRESSURE=1045 PSI DIFF PRESS=150-400 PSI

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# CAPSTAR 330
_Submitted By Ricky Kuhr Phone Number 303-353-5374
Well Name/Number FD State 6 -36D-6-19
Qtr/Qtr SE/NW Section 36 Township 6S Range 19E
Lease Serial Number ML 50801
API Number 43-047-54727

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 12/5/2014 1200 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 Running 8800' of 5.5", 17#, I-80, LT&C csg.

—

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# CAPSTAR 330
_Submitted By Ricky Kuhr Phone Number 303-353-5374
Well Name/Number FD State 6 -36D-6-19
Qtr/Qtr SE/NW Section 36 Township 6S Range 19E
Lease Serial Number ML 50801
API Number 43-047-54727

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 11/27/2014 20:00 AM PM

BOPE

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

Date/Time 11/28/2014 15:00 AM PM

Remarks Running 1200' of 8 5/8", 24#, J-55, STC csg.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 50801
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD STATE 6-36D-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047547270000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: MOFFAT CANAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 2175 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/31/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is the December 2014 Drilling Activity for this well.		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 05, 2015
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 1/5/2015	

**FD State 06-36D-6-19 12/1/2014 06:00 - 12/2/2014 06:00**

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 5066'-5481' (415') 38' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=25K OFF BOTTOM PRESSURE=1750 PSI DIFF PRESS=150-400 PSI
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE (FUNCTION TEST PIPE RAMS)
17:30	12.00	05:30	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 5481'-5998' (517') 45' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=25K OFF BOTTOM PRESSURE=1907 PSI DIFF PRESS=150-400 PSI
05:30	0.50	06:00	7	LUBRICATE RIG	RIG SERVICE

FD State 06-36D-6-19 12/2/2014 06:00 - 12/3/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 5998'-6254' (256') 42' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=31K OFF BOTTOM PRESSURE=1907 PSI DIFF PRESS=150-400 PSI FINAL ROP 19.2 FPH
13:00	0.50	13:30	5	COND MUD & CIRC	CIRCUALTE SWEEP AROUND FOR BIT AND MOTOR TRIP
13:30	5.00	18:30	6	TRIPS	FLOW CHECK (NO FLOW) TRIP OUT OF THE HOLE, (HOLE DISPLACEMENT 29.02 BBLs THEORTICAL 30.39 BBLs)
18:30	0.50	19:00	20	DIRECTIONAL WORK	LAY DOWN DIRECTIONAL TOOLS BREAK BIT (LAY DOWN REAMERS)
19:00	0.50	19:30	20	DIRECTIONAL WORK	MAKE UP NEW BIT PICK UP DIRECTIONAL TOOLS RE SCRIBE MOTOR TO MWD
19:30	5.00	00:30	6	TRIPS	TRIP IN THE HOLE (GIVING CORRECT DISPLACEMENT)
00:30	1.00	01:30	3	REAMING	WASH & REAM F/ 5707'-6254 77 SPM SPP 1000 PSI ROT 40 RPM
01:30	4.00	05:30	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 6254'-6500' (246') 62' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=31K OFF BOTTOM PRESSURE=2029 PSI DIFF PRESS=150-400 PSI
05:30	0.50	06:00	7	LUBRICATE RIG	RIG SERVICE

FD State 06-36D-6-19 12/3/2014 06:00 - 12/4/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 6500'-7231' (731') 70' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=20K OFF BOTTOM PRESSURE=2029 PSI DIFF PRESS=150-400 PSI
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE (FUNCTION TEST ANNULAR)
17:00	13.00	06:00	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 7231'-8131' (900') 70' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=25K OFF BOTTOM PRESSURE=2110 PSI DIFF PRESS=150-400 PSI
06:00	0.50	06:30	7	LUBRICATE RIG	RIG SERVICE

FD State 06-36D-6-19 12/4/2014 06:00 - 12/5/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 8131'-8519' (388') 35' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=25K OFF BOTTOM PRESSURE=2110 PSI DIFF PRESS=150-400 PSI
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE (FUNCTION TEST PIPE RAMS)
17:30	10.00	03:30	2	DRILL ACTUAL	STEERABLE DRILLING 7 7/8 PRODUCTION F/ 8519'-8800' (281') 35' FPH AVG GPM=488 TOPDRIVE RPM=57 MOTOR RPM=82 TOTAL RPM=142 WT ON BIT=25K OFF BOTTOM PRESSURE=2160 PSI DIFF PRESS=150-400 PSI
03:30	1.00	04:30	5	COND MUD & CIRC	CIRCUALTE SWEEP AROUND
04:30	0.50	05:00	7	LUBRICATE RIG	RIG SERVICE
05:00	1.00	06:00	6	TRIPS	SHORT TRIP TO 6500' AND BACK TO BOTTOM

**FD State 06-36D-6-19 12/5/2014 06:00 - 12/6/2014 06:00**

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	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	6	TRIPS	FINISH SHORT TRIP HOLE WITH CORRECT DISPLAEMENT	
08:00	1.00	09:00	3	REAMING	WASH AND REAM F/ 8339'-8800'	
09:00	1.00	10:00	5	COND MUD & CIRC	CIRCUALTE BOTTOMS UP @ 3800 TOTAL STROKES	
10:00	1.00	11:00	6	TRIPS	PULL TO 7100' PUMP STRATA PILL TO COVER F/ 7000'-5500'	
11:00	5.00	16:00	6	TRIPS	TRIP OUT OF HOLE FOR CASING DISPLAMENT CORRECT	
16:00	1.00	17:00	20	DIRECTIONAL WORK	LAY DOWN DIRECTIONAL TOOLS (BIT PICTURE IN ATTACHMENTS)	
17:00	0.50	17:30	21	OPEN	PULL WARE BUSHING	
17:30	0.50	18:00	21	OPEN	PREP FLOOR AND TOP DRIVE FOR CASING RUN	
18:00	6.50	00:30	12	RUN CASING & CEMENT	RUN 5.5 17# I-80 LT&C AS FOLLOWED 1 SHOE 2 JNTS 1 FLOAT 16 JNTS 1 MARKER (@7121') 15 JNTS 1 MARKER 168 JNTS (@ 7798') 1 PUP 1 HANGER BLM & UDOGM NOTICE SENT OUT 12/4/14 @ 6 PM TALLY IN ATTACHMENTS	
00:30	2.50	03:00	5	COND MUD & CIRC	CIRCUALTE WHILE MOVING PIPE RIG UP HALLIBURTON GROUND EQUIP, LAND ON JOINT # 203 PUMP 15 PPB STRATA FLEX FINE 15 PPB STRATA VANGAURD LAY DOWN JOINT # 203 PICK UP LANDING JOINT RIG UP CEMENT HEAD	
03:00	3.00	06:00	12	RUN CASING & CEMENT	SAFETY MEETING WITH HALLIBURTON CEMENT CREW -TEST LINES @ 5000 PSI, 30 BBLS 10.7 PPG TUNED SPACER, 6 BBLS WATER SPACER 30 BBLS SUPER FLUSH 6 BBLS WATER 225 BBLS 540 SKS 11.0 PPG 2.34 YILED LEAD CEMENT MIXED @ 10.1 GAL/SK, 189 BBLS 730 SKS 13.5 PPG 1.45 YIELD TAIL CEMENT MIXED @ 6.91 GAL/SK, SHUT DOWN WASH LINES TO PIT DROP PLUG AND DISPLACE WITH 199 BBLS CLAY-WEB WATER/ALDACIDE SENT NOTICE TO UDOGM & BLM 12/4/14 *****REST OF CEMENT DETAIL ON THE NEXT REPORTS*****	

FD State 06-36D-6-19 12/6/2014 06:00 - 12/6/2014 12:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	12	RUN CASING & CEMENT	FINISH CEMENTING (85 BBLS INTO DISPLACEMENT GOT 5 BBLS CEMENT BACK TO SURFACE LOST RETURNS @ 95 BBLS INTO DISPLACEMENT FINAL LIFT PRESSURE 2000 PSI BUMP PLUG @ 2530 PSI HELD FOR 2 MINS FLOATS HELD	
07:00	1.00	08:00	12	RUN CASING & CEMENT	SET PACK OFF WITH CAMERON TEST WELL HEAD	
08:00	2.00	10:00	14	NIPPLE DOWN B.O.P	NIPPLE DOWN B.O.PS	
10:00	2.00	12:00	21	OPEN	CLEAN PITS RELEASE RIG @ 12:00.	

FD State 06-36D-6-19 12/8/2014 06:00 - 12/9/2014 12:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	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	HSM. CHECK PRESSURE. ND 11" NIGHT CAP. CLEAN HANGER MANDREL. NU 7" 5K TBG HEAD. PRES TEST VOID AND SEALS. GOOD. NU 7" NIGHT CAP. WELL SECURE.	

FD State 06-36D-6-19 12/11/2014 11:00 - 12/12/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
11:00	24.00	11:00	GOP	General Operations	MIRU HES. HSM. RUN 4.70" GR/JB TO TAG FILL AT 8658', DRLG SHOWS FC AT 8690' (HAVE 32' FILL). LOG SHOWS CMT-- TD-6760' GOOD, 6760'-5300' FAIR/POOR IN SPOTS, 5300'-1700' POOR, MARKER JTS AT 7124'-7146' AND 7801'-7824'. LOGGED WITH OUT PRESSURE. RDMO HES.	

FD State 06-36D-6-19 12/12/2014 06:00 - 12/13/2014 06:00

API 43-047-54727	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,800.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 7" 5K X 5" 10K FRAC MANDREL. NU 5" 10K FRAC VALVES. PRES TEST CSG TO W/METHANOL UNABLE TO GET PSI OVER 2500 PSI. KICK PUMP OUT 5MINS LOST 970PSI. CONFERED W/DENVER. MIRU CUTTERS TO RIH & SET CIBP @ 8650' RETEST CASING SAME LEAK OFF. RDMO CUTTERS REMOVED FRAC TREE. SET AND TEST DEADMEN.	

FD State 06-36D-6-19 12/13/2014 06:00 - 12/14/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.25	07:15	CTRL	Crew Travel	CT, HSM, ROAD RIG FROM THE 1-1D-6-19	
07:15	2.50	09:45	SRIG	Rig Up/Down	SPOT IN & RIG UP DERRICK & RIG PUMP. SPOT IN PIPE WRANGLER & PIPE RACKS. N/D NIGHT CAP, N/U BOPS. UNLOAD & TALLY TBG. MAKE UP PACKER COLLAR ON PKR NO GOOD.	
09:45	1.00	10:45	DTIM	Downtime	WAIT ON WEATHERFORD TO BRING NEW PKR FROM TOWN.	
10:45	3.25	14:00	RUTB	Run Tubing	MAKE UP PACKER RIH W/ 79JTS & TEST @ 2527'. PSI TEST DOWN THE BACK SIDE TO 3900 PSI GOOD TEST. RIGGED UP TO TUBING INJECTED DOWN TUBING APPROX 1BPM. HEAD TO 5012' W/157JTS FOR 2ND TEST. PSI TESTED TBG TO 3000 PSI GOOD TEST. RIGGED UP TO BACK SIDE PUMPED DOWN BACK SIDE @ 1BPM @ 3000PSI.	
14:00	0.25	14:15	PULT	Pull Tubing	POOH W/10 STANDS NEXT PSI TEST ON BACK SIDE WELL BE @ 4364' 137JTS. PSI UP TO 3000 PSI KICK PUMP OUT LEAK IS STILL ABOVE US. POOH W/TO STANDS TO 117 JTS 3727' TESTED TO 4000 PSI ON BACK SIDE GOOD TEST.	
14:15	1.00	15:15	RUTB	Run Tubing	RIH W/5 STANDS WILL PUT US @ 4045' NO TEST. POOH W/2 STANDS WILL PUT US TESTING @ 3918' GOOD TEST TO 3900PSI. RIH W/1 STAND WILL PUT US TESTING @ 3981' GOOD TEST. RIH TO 4013' NO TEST. POOH TO 3998' GOOD TEST. RIH 4005' NO TEST INJECTION RATE @ 3/4 BPM @ 3500 PSI.	
15:15	0.75	16:00	PULT	Pull Tubing	CONFERED W/DENVER TO POOH W/TBG RACK BACK IN DERRICK. DRAIN UP WINTERIZE EQUIP SDFN.	
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	LOCK & SECURE WELL. CREW TRAVEL.	

FD State 06-36D-6-19 12/15/2014 06:00 - 12/16/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.00	08:00	DTIM	Downtime	WOO	
08:00	1.00	09:00	CTRL	Crew Travel	CREW TRAVEL. RECIEVED WORD TO RUN TBG AND HANG OFF.	
09:00	1.00	10:00	RUTB	Run Tubing	RIH W/ PSN ON 156-JTS 2-7/8" TBG. LAND ON HANGER. TBG DETAIL KB 13.00 HANGER .85 156-JTS 2-7/8" L-80 4960.80 PSN 1.10 EOT AT 4975.75'	
10:00	1.00	11:00	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU 7" 5K NIGHT CAP. X-O FOR RODS.	
11:00	1.00	12:00	SRIG	Rig Up/Down	RDSU. MOVE OFF.	
12:00	18.00	06:00	DTIM	Downtime	WELL SECURE. MOVE OFF.	

FD State 06-36D-6-19 12/16/2014 06:00 - 12/17/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	5.50	11:30	DTIM	Downtime	WAITING ON RIG	
11:30	0.50	12:00	RMOV	Rig Move	ROAD RIG FROM 13-30D-2-2 TO LOCATION.	
12:00	1.50	13:30	SRIG	Rig Up/Down	RUSU. ND NIGHT CAP. NU BOP.	
13:30	1.00	14:30	PULT	Pull Tubing	PULL HANGER. SLM AS POOH W/ 156-JTS 2-7/8" TBG.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
14:30	1.00	15:30	RUTB	Run Tubing	MU AND RIH W/ 5-1/2" RBP, RET HEAD, 4' TBG WUB, 5-1/2" PKR, 2-JTS AND PSN ON 2-7/8" TBG.
15:30	1.50	17:00	PTST	Pressure Test	SET RBP ELEM AT 4087'. TOP AT 4083'. SET PKR AT 4005', TEST TBG. HELD 3700 PSI. SET PKR AT 4002', TEST TBG. HELD 3700 PSI. SET PKR AT 3998'. PUMP DOWN TBG. HAD INJ RATE OF 1 BPM AT 3300 PSI. QUIT PUMPING. PRESSRE DOWN TO 1500 PSI IN 5 MIN. TEST DOWN CSG. HELD 3500 PSI. RELEASE PKR AND MOVE TBG. RET HEAT AT 3963.50'. ALL SET WITH TBG MEASUREMENTS.
17:00	1.00	18:00	WLWK	Wireline	RIG UP PERFORATORS. RIH W/ CCL. OUT END OF TBG TO TAG RBP AT 4082.70'. LOG STRIP WITH EOT AT 3963.50'. CORRELATES CSG COLLAR AT 4002'. RDMO PERFORATORS. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

FD State 06-36D-6-19 12/17/2014 06:00 - 12/18/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CT, HSM
07:00	2.00	09:00	PULT	Pull Tubing	RELEASE PKR, RIH RETRIEVE RBP. POOH W/TBG PKR & RBP. L/D WEATHERFORD TOOLS.
09:00	0.50	09:30	SRIG	Rig Up/Down	MIRU 4-STAR HYDRO TESTER.
09:30	2.00	11:30	RUTB	Run Tubing	HYDRO TEST TBG AS RIH.
11:30	1.00	12:30	SRIG	Rig Up/Down	RIG DOWN 4-STAR
12:30	2.50	15:00	PULT	Pull Tubing	POOH W/TBG 156JTS TO DERRICK. WINTERIZE EQUIP.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	LOCK & SECURE WELL. CREW TRAVEL

FD State 06-36D-6-19 12/19/2014 06:00 - 12/20/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	1.50	08:30	GOP	General Operations	PREP SALTEL PATCH. HSM.
08:30	2.50	11:00	RUTB	Run Tubing	MU SALTEL 5-1/2" STEEL PATCH AND RIH W/ 2-JTS. FILL TBG AND PRES TEST TO 3500 PSI. GOOD. CONT RIH W/ TBG AS FILLING EVERY TBG EVERY 6-JTS.
11:00	2.50	13:30	GOP	General Operations	WITH 125-JTS IN, SPOT PATCH TOP AT 3991.62' AND BTM AT 4011.29. SET PATCH AS PER SALTEL. DRIFT ON SETTING TOOLS IN 4.40. (NOMINAL ID OF PATCH FISH NECK 4.545", DRIFT ID 4.415")
13:30	1.00	14:30	PULT	Pull Tubing	POOH W/ TBG KEEPING ANNULAR FULL. LD SALTEL TOOLS.
14:30	1.00	15:30	PTST	Pressure Test	HOOK UP CANARY TO CSG. PRESSURE TO 4000 PSI. LOST 200 PSI IN 15 MIN (5%). BUMP BACK UP TO 4000 PSI. LOST 125 PSI IN 15 MIN (3%). BLEED OFF SLOW (350 PSI PER MIN)
15:30	0.50	16:00	GOP	General Operations	DRAIN AND RACK OUT PUMP. WINTERIZE WH. SPOT CATWALK AND PIPE RACKS. SDFN
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT.

FD State 06-36D-6-19 12/20/2014 06:00 - 12/21/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CT, HSM.
07:00	4.00	11:00	PULT	Pull Tubing	RIH W/ 40JTS AT A TIME STAY ABOVE CASING PATCH. POOH W/TBG L/D
11:00	2.00	13:00	SRIG	Rig Up/Down	LOAD PIPE, MOVE EQUIP, FILL HOLE, DRAIN PUMP & TANK, RIG DOWN, N/D BOPS, HELP N/U FRAC VALVES.
13:00	17.00	06:00	LOCL	Lock Wellhead & Secure	ROAD RIG OVER TO 1-18-2-2 FD.

FD State 06-36D-6-19 12/24/2014 06:00 - 12/25/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	DTIM	Downtime	CREW TRAVEL
18:00	1.00	19:00	SRIG	Rig Up/Down	MIRU J & C CRANE. MIRU SCHLUMBERGER WIRLINE.
19:00	5.00	00:00	LOGG	Logging	RUN JUNK BASKET & MFC.
00:00	6.00	06:00	LOCL	Lock Wellhead & Secure	LAY DOWN TOOLS. LOCK & SECURE WELL. CREW TRAVEL. WAIT FOR DATA TO BE ANALYZED.

FD State 06-36D-6-19 12/28/2014 06:00 - 12/29/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	MIRU 4 D & M FRAC HEATERS. HEAT FRAC LINE TO 105*. (58-600S). N/U GOAT HEAD ON FRAC TREE.

FD State 06-36D-6-19 12/29/2014 06:00 - 12/30/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-54727	Utah	Uintah	Fort Duchesne	COMPLETION	8,800.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU CUTTERS W/ 5" 10K LUBE.
09:00	1.00	10:00	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 60 PSI. RIH AND CORRELATE TO SJ AT 7124'-7146' AND 7801'-7824'. RUN DOWN AND PERF UTELAND BUTTE FORM 8168'-8559' WITH 60 HOLES IN 20' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
10:00	4.00	14:00	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 50801	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD STATE 6-36D-6-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047547270000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 2175 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 36 Township: 06.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/2/2015 <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 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 type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THIS WELL HAD FIRST PRODUCTION ON 1/2/2015 AND FIRST GAS SALES ON 1/3/2015.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 07, 2015			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 1/5/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 50801	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD STATE 6-36D-6-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047547270000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 2175 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 36 Township: 06.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/12/2015 <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 type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" 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" value="Site security diagram"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Site security diagram attached			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 14, 2015			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 1/12/2015	

Sundry Number: 59755 API Well Number: 43047547270000

BILL BARRETT CORPORATION

FD STATE
6-36D-6-19
SE¼ NW¼ SEC 36,T6S, R19E,
Lease # ML-50801
API # 43-047-54727
Utah Co. Utah

Site Security Plan Located at
Bill Barrett Corporation
Roosevelt Office
ROUTE 3 BOX 3110
1820 W HIGHWAY 40
ROOSEVELT, UT 84066

1 - 4" LOAD LINE

Production Phase – sealed closed
Sales Phase- open to load Production bought

2 - 3" OIL LINES

Production Phase – open
Sales Phase – sealed close

3 - 4" DRAIN

Production Phase – sealed closed
Sales Phase – sealed closed

Drain water – open

4 - 4" UPPER EQUALIZER

Production Phase – open
Sales Phase – sealed close

5 - BYPASS

6 - 3" WATER LINES

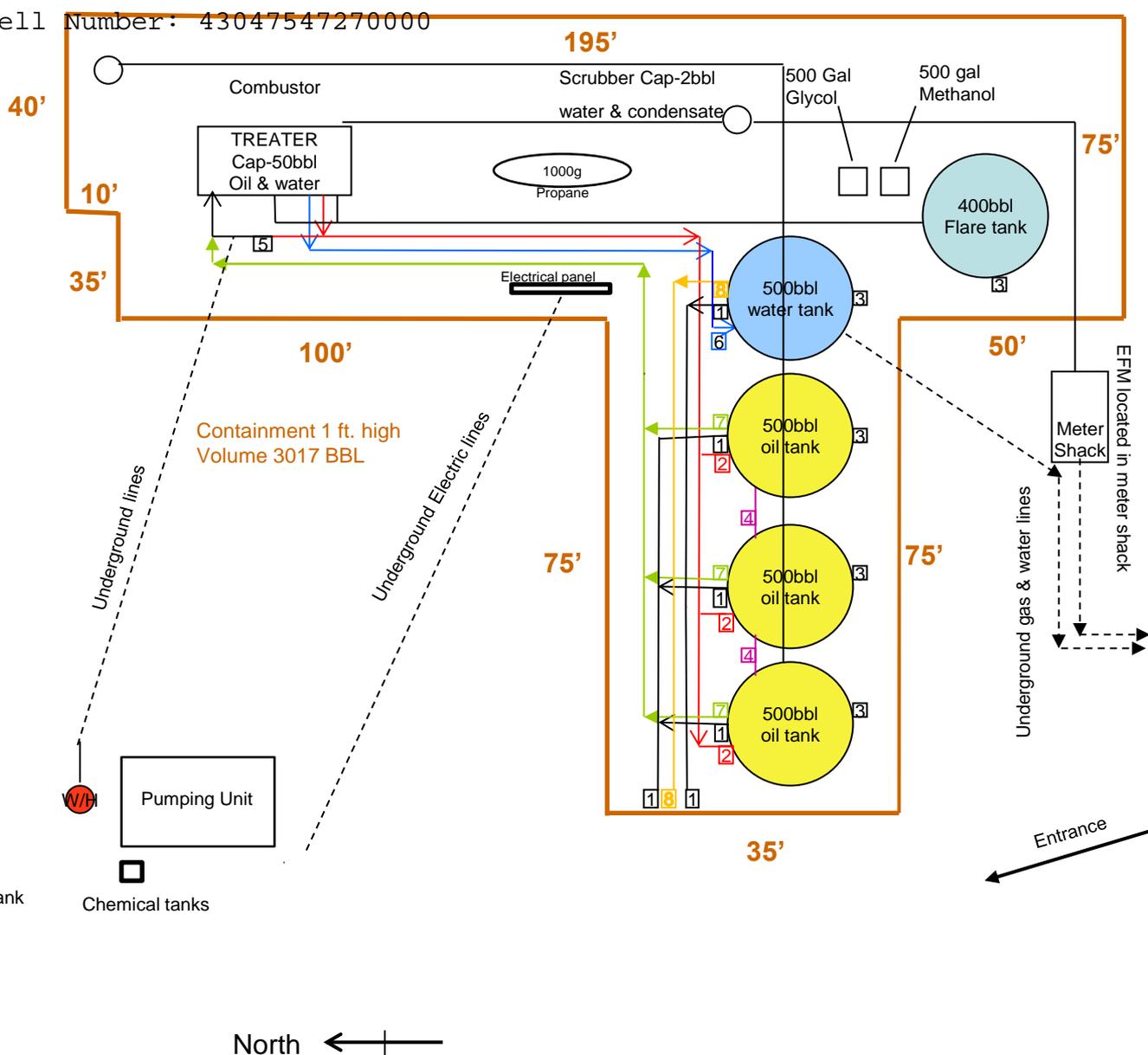
Production Phase – open
No Sales Phase

7 - 2" RECYCLE

Production – open
Sales – sealed closed

8 - 2" WATER TANK SKIM

- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank
for emergency pressure relief of treater



Surface Drainage to West. Irrigation
canal & dry drainage 25 yds to West of
location.

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML 50801

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
FD 6-36D-6-19

9. API NUMBER:
4304754727

10 FIELD AND POOL, OR WILDCAT
Moffat Canal

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SENW 36 6S 19E S

12. COUNTY **Uintah** 13. STATE **UTAH**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____
b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:
Bill Barrett Corporation

3. ADDRESS OF OPERATOR: **1099 18th St Ste 2300** CITY **Denver** STATE **CO** ZIP **80202** PHONE NUMBER: **(303) 293-9100**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **2060 FNL 2175 FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **2000 FNL 1983 FWL**
AT TOTAL DEPTH: **2035 FNL 2011 FWL**

14. DATE SPURRED: **11/19/2014** 15. DATE T.D. REACHED: **12/5/2014** 16. DATE COMPLETED: **1/2/2015** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
4954 GL

18. TOTAL DEPTH: MD **8,800** TVD **8,794** 19. PLUG BACK T.D.: MD **8,689** TVD **8,683** 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Triple Combo/ MUD/ CBL
23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 Conq	65#	0	80	80			0	
12 1/4	8 5/8 J-55	24#	0	1,234	1,232	Lead 185 Tail 325	90 75	0	
7 7/8	5 1/2 I-80	17#	0	8,800	8,779	Tuned 540 ECON 730	241 155	2738	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7,189							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	7,174	8,559		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
7,174 8,559	.38	195	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7,174 - 8,559	Green River: See attached Stage 1-4

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:
POW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 1/2/2015		TEST DATE: 1/11/2015		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 103	GAS – MCF: 2	WATER – BBL: 389	PROD. METHOD: Flowing
CHOKE SIZE: 48/64	TBG. PRESS. 300	CSG. PRESS. 100	API GRAVITY	BTU – GAS 1	GAS/OIL RATIO 19	24 HR PRODUCTION RATES: →	OIL – BBL: 103	GAS – MCF: 2	WATER – BBL: 389	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. 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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	4,844
				Mahogany	6,014
				TGR3	7,172
				Douglas Creek	7,310
				Black Shale Facies	7,844
				Castle Peak	7,926
				Uteland Butte	8,162
				Wasatch	8,691
				TD	8,800

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 1/3/2015, first oil sales 1/14/2015.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Christina Hirtler TITLE Permit Analyst
 SIGNATURE _____ DATE 1/30/2015

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

FD State 6-36D-6-19 Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs 30/50 Premium White</u>	<u>gal 15% HCl Acid</u>
1	7910	150,030	4,400
2	7607	107,830	3,900
3	7972	150,090	3,900
4	7200	152,620	3,400

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



Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Project:	Fort Duchesne	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Site:	SECTION 36 T6S, R19E	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Well:	FD State 6-36D-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Project	Fort Duchesne		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Southern Zone		

Site	SECTION 36 T6S, R19E		
Site Position:		Northing:	11,153,657.49 usft
From:	Lat/Long	Easting:	2,135,118.75 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 15' 12.040 N
		Longitude:	109° 43' 44.880 W
		Grid Convergence:	1.08 °

Well	FD State 6-36D-6-19, SHL: 40° 15' 22.400 -109° 43' 58.870					
Well Position	+N/-S	0.0 usft	Northing:	11,154,686.06 usft	Latitude:	40° 15' 22.400 N
	+E/-W	0.0 usft	Easting:	2,134,013.44 usft	Longitude:	109° 43' 58.870 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,965.0 usft	Ground Level:	4,952.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/20/2014	10.77	65.94	52,095

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	278.74	

Survey Program	Date	12/12/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
296.0	8,800.0	Survey #1 (Wellbore #1)	MWD	MWD v3:standard declination



Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Project:	Fort Duchesne	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Site:	SECTION 36 T6S, R19E	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Well:	FD State 6-36D-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)		TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
296.0	0.75	186.73	296.0	296.0	-0.1	-1.9	-0.2	0.25	0.25	0.25	0.00
387.0	0.90	196.30	387.0	387.0	0.0	-3.2	-0.5	0.22	0.16	10.52	
478.0	0.70	264.90	478.0	478.0	0.6	-3.9	-1.3	1.01	-0.22	75.38	
563.0	0.97	264.38	563.0	563.0	1.8	-4.1	-2.5	0.32	0.32	-0.61	
662.0	1.05	241.40	662.0	662.0	3.4	-4.6	-4.1	0.41	0.08	-23.21	
753.0	0.83	190.29	752.9	752.9	4.1	-5.6	-5.0	0.92	-0.24	-56.16	
845.0	0.66	204.04	844.9	844.9	4.2	-6.8	-5.3	0.27	-0.18	14.95	
931.0	0.92	259.85	930.9	930.9	5.0	-7.3	-6.2	0.90	0.30	64.90	
1,016.0	0.66	210.46	1,015.9	1,015.9	5.8	-7.9	-7.1	0.82	-0.31	-58.11	
1,103.0	0.92	237.86	1,102.9	1,102.9	6.5	-8.7	-7.9	0.52	0.30	31.49	
1,162.0	0.52	265.10	1,161.9	1,161.9	7.2	-9.0	-8.6	0.87	-0.68	46.17	
1,303.0	1.02	302.98	1,302.9	1,302.9	8.9	-8.3	-10.3	0.49	0.35	26.87	
1,389.0	2.12	324.75	1,388.9	1,388.9	10.7	-6.6	-11.9	1.43	1.28	25.31	
1,475.0	1.99	326.07	1,474.8	1,474.8	12.8	-4.1	-13.6	0.16	-0.15	1.53	
1,560.0	2.78	324.27	1,559.7	1,559.7	15.3	-1.2	-15.6	0.93	0.93	-2.12	
1,646.0	2.39	303.16	1,645.6	1,645.6	18.4	1.5	-18.4	1.19	-0.45	-24.55	
1,732.0	2.78	309.15	1,731.6	1,731.6	21.8	3.8	-21.5	0.55	0.45	6.97	
1,817.0	3.71	308.58	1,816.4	1,816.4	26.0	6.8	-25.2	1.09	1.09	-0.67	
1,904.0	2.92	300.16	1,903.3	1,903.3	30.5	9.7	-29.3	1.06	-0.91	-9.68	
1,990.0	3.00	306.55	1,989.2	1,989.2	34.5	12.1	-33.0	0.39	0.09	7.43	
2,075.0	3.58	290.55	2,074.0	2,074.0	39.1	14.4	-37.3	1.27	0.68	-18.82	
2,161.0	4.51	292.67	2,159.8	2,159.8	45.0	16.6	-43.0	1.10	1.08	2.47	
2,248.0	4.29	287.95	2,246.5	2,246.5	51.5	18.9	-49.2	0.49	-0.25	-5.43	
2,334.0	4.11	289.45	2,332.3	2,332.3	57.7	21.0	-55.2	0.25	-0.21	1.74	
2,419.0	4.11	297.25	2,417.1	2,417.1	63.6	23.4	-60.8	0.66	0.00	9.18	
2,504.0	3.58	293.77	2,501.9	2,501.9	69.1	25.8	-65.9	0.68	-0.62	-4.09	



Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Project:	Fort Duchesne	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Site:	SECTION 36 T6S, R19E	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Well:	FD State 6-36D-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
2,592.0	4.20	296.86	2,589.7	74.8	28.4	-71.3	0.74	0.70	3.51	
2,678.0	3.71	298.97	2,675.5	80.4	31.2	-76.5	0.59	-0.57	2.45	
2,763.0	3.58	288.97	2,760.3	85.6	33.4	-81.4	0.76	-0.15	-11.76	
2,849.0	4.68	298.09	2,846.1	91.5	35.9	-87.1	1.49	1.28	10.60	
2,934.0	3.80	296.46	2,930.9	97.5	38.8	-92.7	1.04	-1.04	-1.92	
3,019.0	3.31	289.36	3,015.7	102.6	40.8	-97.5	0.77	-0.58	-8.35	
3,105.0	2.92	281.87	3,101.6	107.2	42.1	-102.0	0.65	-0.45	-8.71	
3,190.0	2.70	270.06	3,186.5	111.3	42.6	-106.1	0.73	-0.26	-13.89	
3,276.0	3.71	281.08	3,272.3	116.1	43.1	-110.9	1.37	1.17	12.81	
3,361.0	3.89	277.69	3,357.2	121.7	44.0	-116.4	0.34	0.21	-3.99	
3,447.0	2.30	288.35	3,443.0	126.4	45.0	-120.9	1.96	-1.85	12.40	
3,535.0	2.61	280.29	3,531.0	130.1	45.9	-124.6	0.53	0.35	-9.16	
3,624.0	1.90	304.79	3,619.9	133.5	47.1	-127.8	1.33	-0.80	27.53	
3,710.0	1.90	287.78	3,705.8	136.1	48.3	-130.3	0.65	0.00	-19.78	
3,795.0	2.21	313.95	3,790.8	138.9	49.9	-132.8	1.15	0.36	30.79	
3,880.0	2.21	314.97	3,875.7	141.5	52.2	-135.2	0.05	0.00	1.20	
3,966.0	1.90	308.89	3,961.7	144.1	54.3	-137.5	0.44	-0.36	-7.07	
4,051.0	1.50	311.35	4,046.6	146.3	55.9	-139.4	0.48	-0.47	2.89	
4,138.0	1.90	315.58	4,133.6	148.4	57.7	-141.3	0.48	0.46	4.86	
4,223.0	1.59	309.46	4,218.6	150.5	59.4	-143.2	0.43	-0.36	-7.20	
4,308.0	2.30	312.85	4,303.5	152.9	61.3	-145.3	0.85	0.84	3.99	
4,395.0	2.21	315.67	4,390.4	155.7	63.7	-147.8	0.16	-0.10	3.24	
4,480.0	1.41	296.99	4,475.4	158.0	65.4	-149.8	1.16	-0.94	-21.98	
4,567.0	1.41	296.28	4,562.4	160.1	66.3	-151.8	0.02	0.00	-0.82	
4,652.0	1.81	304.17	4,647.3	162.3	67.5	-153.8	0.54	0.47	9.28	
4,739.0	1.50	283.06	4,734.3	164.7	68.6	-156.1	0.78	-0.36	-24.26	
4,824.0	1.28	285.66	4,819.3	166.7	69.1	-158.1	0.27	-0.26	3.06	



Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Project:	Fort Duchesne	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Site:	SECTION 36 T6S, R19E	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Well:	FD State 6-36D-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
4,911.0	0.88	277.85	4,906.3	168.3	69.4	-159.7	0.49	-0.46	-8.98	
4,996.0	1.10	291.96	4,991.2	169.8	69.8	-161.1	0.38	0.26	16.60	
5,081.0	0.31	314.57	5,076.2	170.8	70.3	-162.0	0.97	-0.93	26.60	
5,167.0	1.28	307.39	5,162.2	171.8	71.0	-162.9	1.13	1.13	-8.35	
5,255.0	0.49	325.06	5,250.2	172.9	71.9	-163.9	0.94	-0.90	20.08	
5,343.0	0.31	109.08	5,338.2	173.0	72.2	-163.9	0.87	-0.20	163.66	
5,428.0	0.71	307.39	5,423.2	173.2	72.4	-164.1	1.19	0.47	-190.22	
5,514.0	1.10	160.78	5,509.2	173.3	72.0	-164.2	2.02	0.45	-170.48	
5,602.0	0.31	171.09	5,597.2	172.8	70.9	-163.9	0.91	-0.90	11.72	
5,688.0	1.50	296.68	5,683.2	173.8	71.2	-164.9	1.98	1.38	146.03	
5,817.0	0.62	245.96	5,812.2	176.0	71.7	-167.0	0.94	-0.68	-39.32	
5,860.0	0.80	207.09	5,855.2	176.3	71.3	-167.4	1.17	0.42	-90.40	
5,902.0	1.28	187.79	5,897.2	176.4	70.6	-167.6	1.40	1.14	-45.95	
5,987.0	1.19	255.87	5,982.1	177.2	69.4	-168.6	1.63	-0.11	80.09	
6,073.0	1.19	282.27	6,068.1	178.9	69.4	-170.3	0.63	0.00	30.70	
6,158.0	1.50	280.37	6,153.1	180.9	69.8	-172.3	0.37	0.36	-2.24	
6,238.0	1.41	196.69	6,233.1	182.1	69.0	-173.6	2.43	-0.11	-104.60	
6,323.0	1.41	211.76	6,318.1	182.6	67.1	-174.4	0.44	0.00	17.73	
6,410.0	1.41	234.98	6,405.0	183.8	65.6	-175.9	0.65	0.00	26.69	
6,496.0	1.68	271.87	6,491.0	185.8	65.0	-178.0	1.18	0.31	42.90	
6,584.0	2.21	284.47	6,579.0	188.8	65.5	-180.9	0.77	0.60	14.32	
6,670.0	1.81	287.38	6,664.9	191.8	66.3	-183.8	0.48	-0.47	3.38	
6,756.0	1.59	256.89	6,750.9	194.2	66.5	-186.3	1.07	-0.26	-35.45	
6,841.0	1.50	256.05	6,835.8	196.3	65.9	-188.5	0.11	-0.11	-0.99	
6,927.0	0.88	217.05	6,921.8	197.7	65.1	-190.0	1.15	-0.72	-45.35	
7,013.0	1.28	211.59	7,007.8	198.4	63.8	-190.9	0.48	0.47	-6.35	
7,098.0	1.68	186.29	7,092.8	198.7	61.7	-191.5	0.89	0.47	-29.76	



Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD State 6-36D-6-19
Project:	Fort Duchesne	TVD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Site:	SECTION 36 T6S, R19E	MD Reference:	FD State 6-36D-6-19 @ 4965.0usft (CAPSTAR 330)
Well:	FD State 6-36D-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
7,184.0	1.02	213.48	7,178.7	199.0	59.9	-192.1	1.05	-0.77	31.62	
7,269.0	1.19	185.85	7,263.7	199.2	58.3	-192.6	0.65	0.20	-32.51	
7,355.0	1.50	163.16	7,349.7	198.7	56.4	-192.4	0.71	0.36	-26.38	
7,442.0	1.28	163.55	7,436.7	197.8	54.4	-191.8	0.25	-0.25	0.45	
7,527.0	1.59	141.78	7,521.7	196.5	52.5	-190.8	0.73	0.36	-25.61	
7,612.0	1.59	139.05	7,606.6	194.8	50.7	-189.3	0.09	0.00	-3.21	
7,698.0	1.59	124.86	7,692.6	192.8	49.1	-187.5	0.46	0.00	-16.50	
7,784.0	2.12	129.18	7,778.5	190.4	47.4	-185.3	0.64	0.62	5.02	
7,870.0	1.68	126.27	7,864.5	187.9	45.7	-183.1	0.52	-0.51	-3.38	
7,956.0	1.81	124.86	7,950.5	185.5	44.2	-180.9	0.16	0.15	-1.64	
8,042.0	1.90	139.67	8,036.4	183.2	42.3	-178.9	0.57	0.10	17.22	
8,127.0	1.99	129.97	8,121.4	180.9	40.3	-176.8	0.40	0.11	-11.41	
8,213.0	1.59	128.96	8,207.3	178.6	38.6	-174.8	0.47	-0.47	-1.17	
8,298.0	1.19	138.65	8,292.3	176.9	37.2	-173.3	0.54	-0.47	11.40	
8,384.0	1.99	138.79	8,378.3	175.1	35.4	-171.7	0.93	0.93	0.16	
8,472.0	1.90	147.16	8,466.2	172.9	33.0	-169.9	0.34	-0.10	9.51	
8,560.0	1.59	130.68	8,554.2	170.9	31.0	-168.2	0.67	-0.35	-18.73	
8,640.0	1.50	140.55	8,634.1	169.2	29.4	-166.7	0.35	-0.11	12.34	
8,753.0	1.90	153.06	8,747.1	167.0	26.6	-164.9	0.48	0.35	11.07	
8,800.0	1.90	153.06	8,794.1	166.1	25.2	-164.2	0.00	0.00	0.00	

Checked By: _____ Approved By: _____ Date: _____

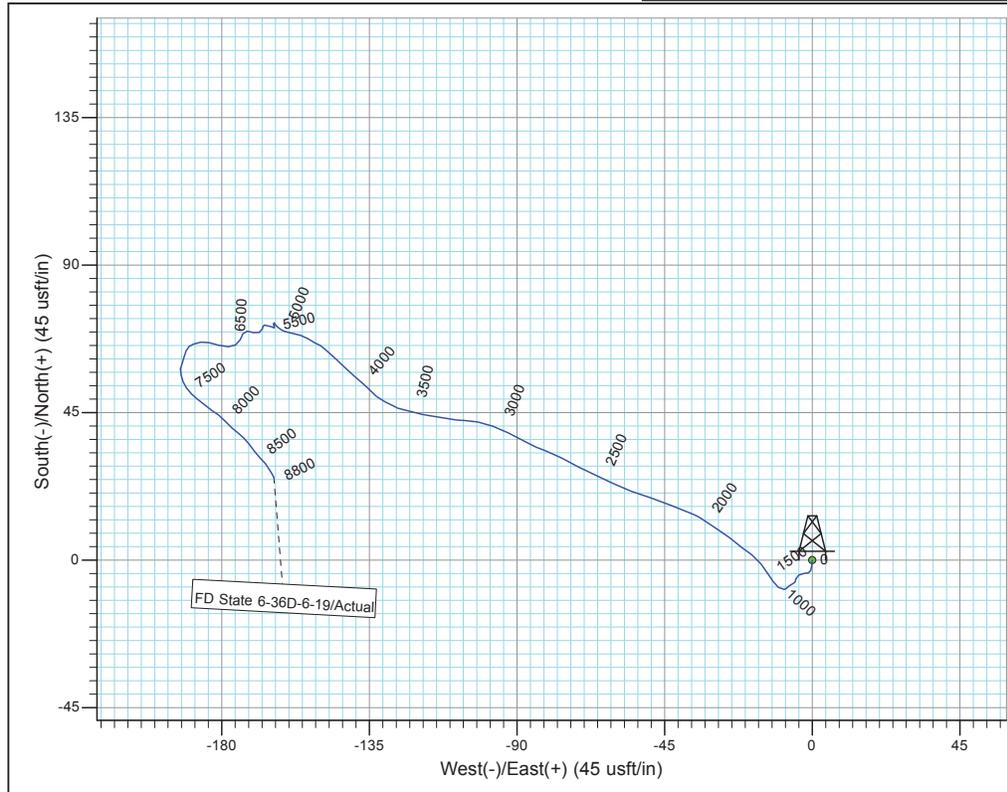
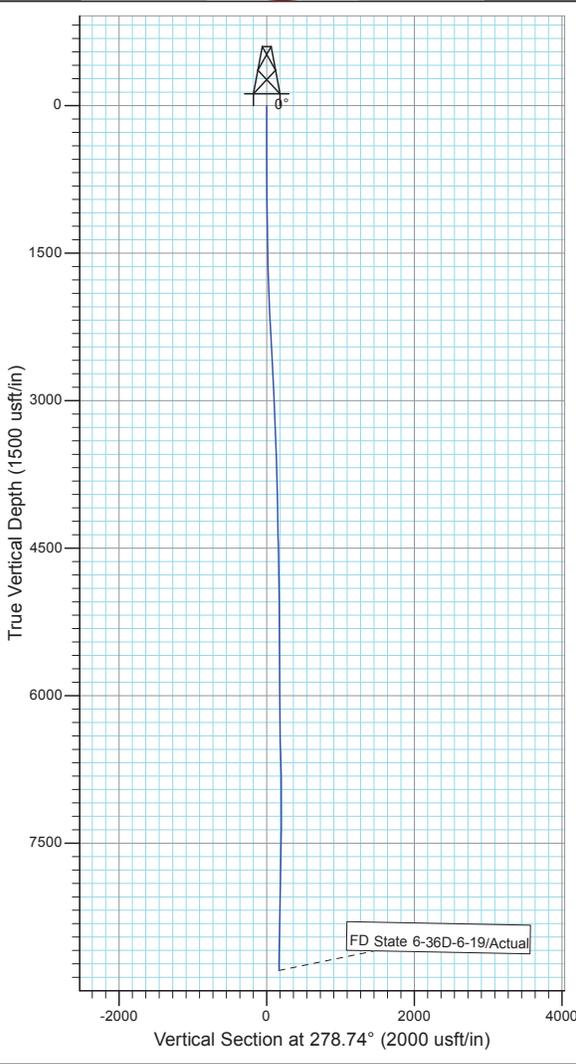


Project: Fort Duchesne
 Site: SECTION 36 T6S, R19E
 Well: FD State 6-36D-6-19
 Wellbore: Wellbore #1
 Design: Actual



Azimuths to True North
 Magnetic North: 10.77°

Magnetic Field
 Strength: 52094.9snT
 Dip Angle: 65.94°
 Date: 11/20/2014
 Model: IGRF2010



Design: Actual (FD State 6-36D-6-19/Wellbore #1)
 Created By: *Matthew Linton* Date: 4:20, December 12 2014
 THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 50801
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD STATE 6-36D-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047547270000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FNL 2175 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 36 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/25/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE PIT WAS CLOSED ON 4/5/2015 AND INTERIM RECLAMATION ON THIS PAD WAS DONE ON 9/25/2015		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 02, 2015		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 10/13/2015