

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 FEDERAL 7-35D-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 UNDESIGNATED							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8134							
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) UTU85590			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>							
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		1980 FNL 660 FEL		SENE		35		6.0 S		19.0 E		S	
Top of Uppermost Producing Zone		1980 FNL 1360 FEL		SWNE		35		6.0 S		19.0 E		S	
At Total Depth		1980 FNL 1360 FEL		SWNE		35		6.0 S		19.0 E		S	
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1360			23. NUMBER OF ACRES IN DRILLING UNIT 640							
27. ELEVATION - GROUND LEVEL 4976			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2672			26. PROPOSED DEPTH MD: 9471 TVD: 9370							
28. BOND NUMBER WYB000040			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	9.625	0 - 2700	36.0	J-55 ST&C	9.4	Halliburton Light , Type Unknown			400	3.16	11.0	
							Halliburton Premium , Type Unknown			210	1.36	14.8	
PROD	7.875	5.5	0 - 9471	17.0	P-110 LT&C	9.5	Unknown			600	2.31	11.0	
							Unknown			370	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 07/31/2013				EMAIL briley@billbarrettcorp.com					
API NUMBER ASSIGNED 43047539400000				APPROVAL				 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

FD Federal 7-35D-6-19

SENE, 1980' FNL and 660' FEL, Section 35, T6S-R19E, SLB&M (surface hole)
SWNE, 1980' FNL and 1360' FEL, Section 35, 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 – MD</u>	<u>Depth – TVD</u>
Green River	5,087'	4,998'
Mahogany	6,165'	6,064'
TGR3*	7,301'	7,200'
Douglas Creek	7,445'	7,344'
Black Shale	8,014'	7,913'
Castle Peak	8,117'	8,016'
Uteland Butte	8,377'	8,276'
Wasatch*	8,971'	8,870'
TD	9,471'	9,370'

*PROSPECTIVE PAY: Members of the Wasatch and the Lower Green River are primary objectives for oil/gas.

Base of Useable Water = 2672'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 2700'	No pressure control required (may pre-set 9-5/8" with smaller rig)*
2700' – 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	2700'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

Bill Barrett Corporation
 Drilling Program
 FD Federal 7-35D-6-19
 Uintah County, Utah

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 400 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 500'
5 1/2" Production Casing	Lead: 600 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1957' Tail: 370 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 @ 2200'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' - 2700'	8.3 - 8.7	26 - 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
2700' - 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 4629 psi* and maximum anticipated surface pressure equals approximately 2568 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 Federal 7-35D-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: DEC 2013
Spud: DEC 2013
Duration: 15 days drilling time
6 days completion time

12. Appendix A

9-5/8" 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

AURORA CEMENT VOLUMES

Well Name: [FD Federal 7-35D-6-19](#)

Surface Hole Data:

Total Depth:	2,700'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	1205.8	ft ³
Lead Fill:	2,200'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	400
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	2,200'	

# SK's Tail:	210
--------------	-----

Production Hole Data:

Total Depth:	9,471'
Top of Cement:	2,200'
Top of Tail:	7,514'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1381.0	ft ³
Lead Fill:	5,314'	
Tail Volume:	508.6	ft ³
Tail Fill:	1,957'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	600
# SK's Tail:	370

FD Federal 7-35D-6-19 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (2200' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 2,200'
	Volume: 214.74 bbl
	Proposed Sacks: 400 sks
Tail Cement - (TD - 2200')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 2,200'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (7514' - 2200')	
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: 2,200'
	Calculated Fill: 5,314'
	Volume: 245.95 bbl
	Proposed Sacks: 600 sks
Tail Cement - (9471' - 7514')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,514'
	Calculated Fill: 1,957'
	Volume: 90.58 bbl
	Proposed Sacks: 370 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.

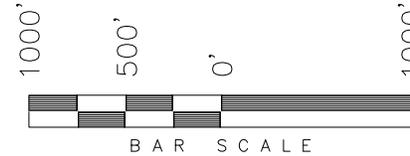
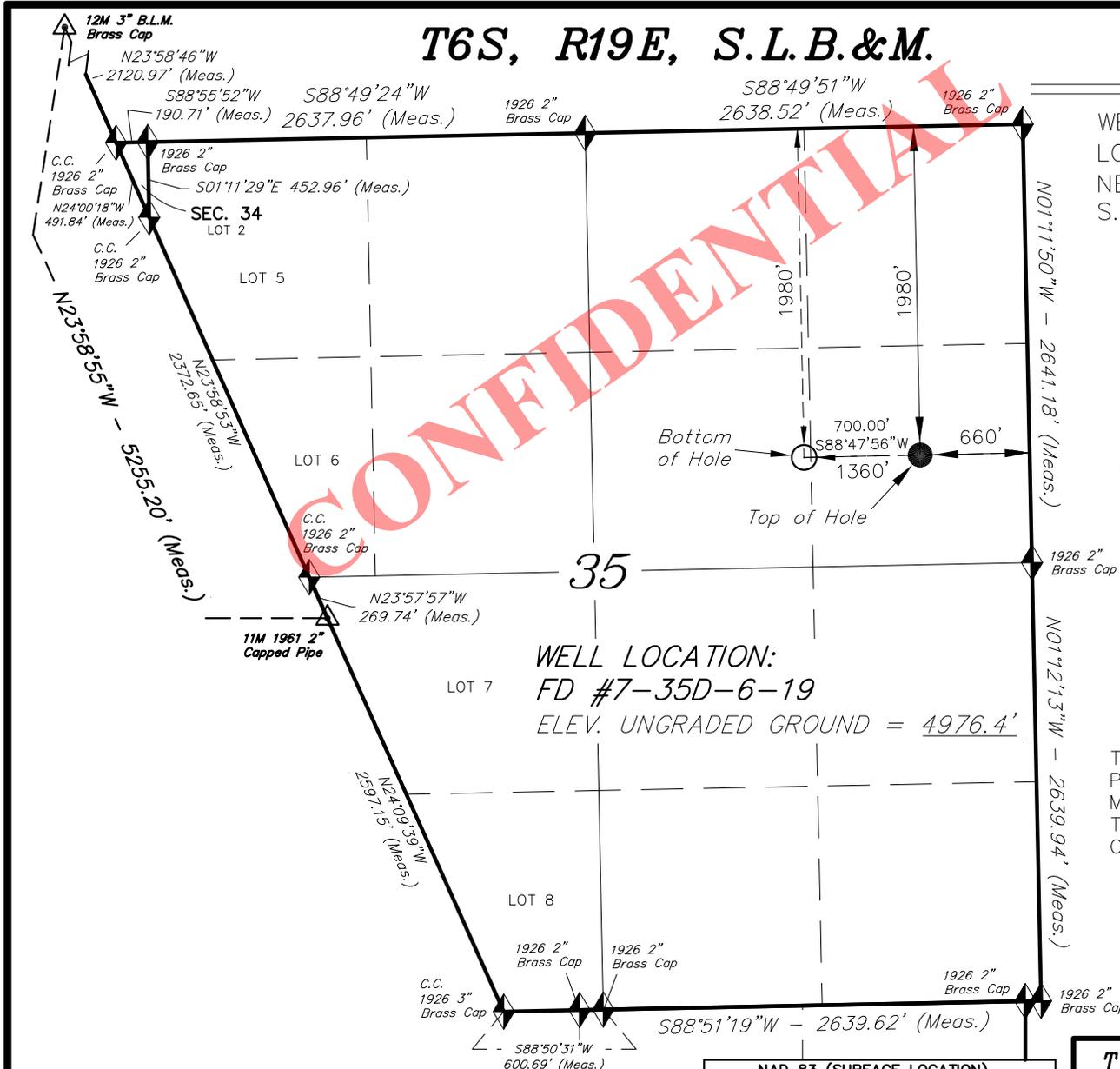
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

CONFIDENTIAL

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

BILL BARRETT CORPORATION

WELL LOCATION, FD #7-35D-6-19,
LOCATED AS SHOWN IN THE SE 1/4
NE 1/4 OF SECTION 35, T6S, R19E,
S.L.B.&M. UINTAH COUNTY, UTAH.

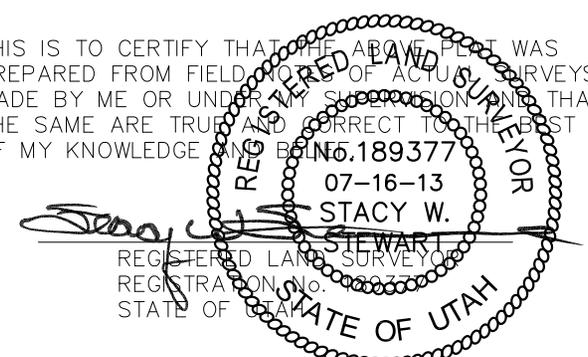


NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

WELL LOCATION:
FD #7-35D-6-19
ELEV. UNGRADED GROUND = 4976.4'

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.



NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°15'23.16" (40.256433)
LONGITUDE	= 109°44'35.42" (109.743173)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°15'23.30" (40.256472)
LONGITUDE	= 109°44'32.91" (109.742476)
NAD 83 (BOTTOM OF HOLE LOCATION)	
LATITUDE	= 40°15'23.15" (40.256430)
LONGITUDE	= 109°44'44.45" (109.745681)
NAD 27 (BOTTOM OF HOLE LOCATION)	
LATITUDE	= 40°15'23.29" (40.256469)
LONGITUDE	= 109°44'41.94" (109.744983)

BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°16'17.95" LONG. 109°35'59.22" (Tristate Aluminum Cap) Elev. 4843.21'

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

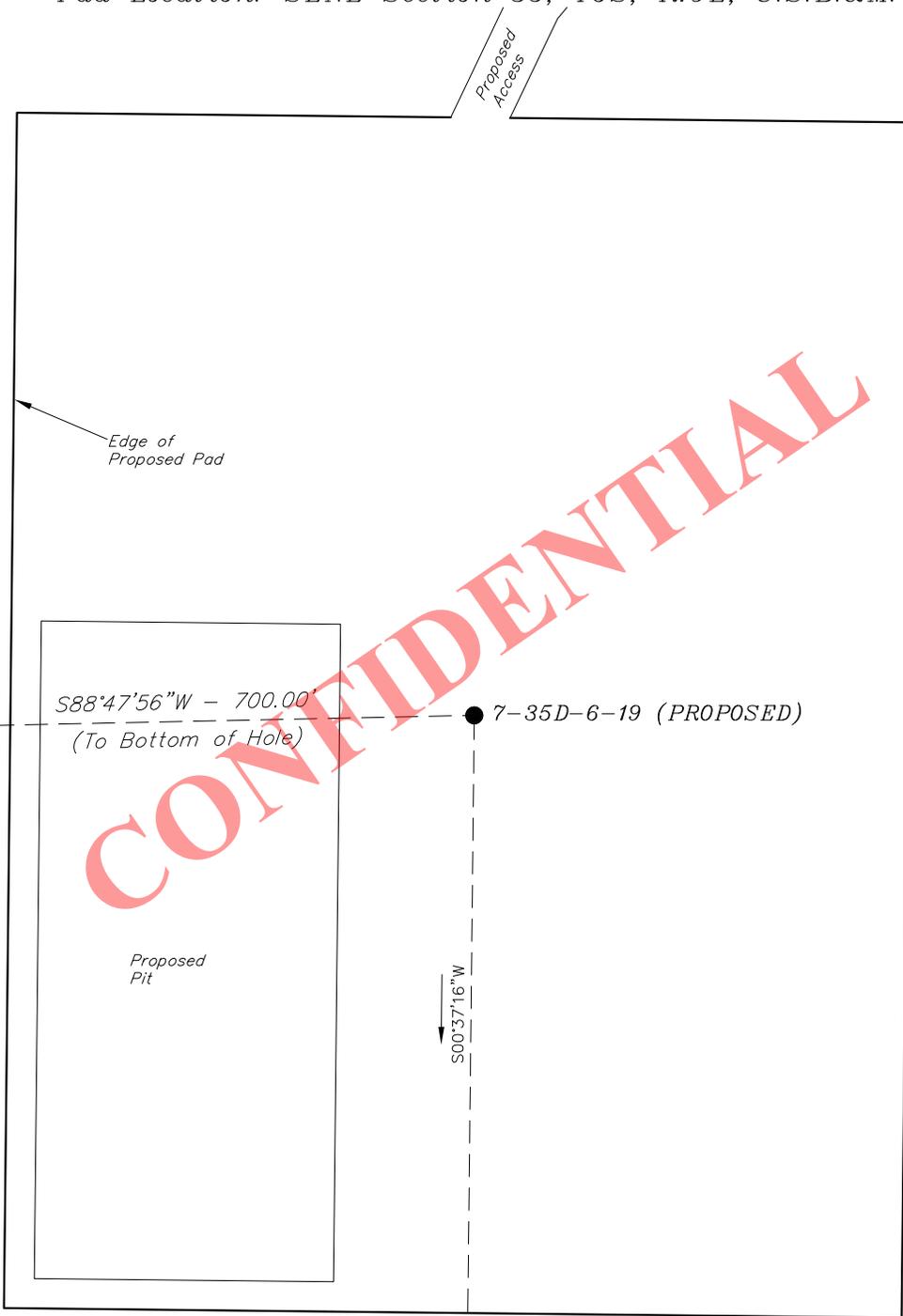
DATE SURVEYED: 11-12-12	SURVEYED BY: S.H.	SHEET 1
DATE DRAWN: 11-15-12	DRAWN BY: D.COX	
REVISED: L.C.S. 07-16-13	SCALE: 1" = 1000'	

BILL BARRETT CORPORATION

WELL PAD INTERFERENCE PLAT

FD #7-35D-6-19 (Proposed Well)

Pad Location: SENE Section 35, T6S, R19E, U.S.B.&M.



CONFIDENTIAL

Note: Bearings are based on GPS Observations.	SURFACE WELL HOLE FOOTAGES FROM SECTION LINES	TARGET BOTTOM HOLE FOOTAGES FROM SECTION LINES	SURFACE POSITION LATITUDE & LONGITUDE (NAD 27 DECIMAL DEGREES)		RELATIVE COORDINATES TOP OF HOLE TO BOTTOM OF HOLE		
	WELL	SURFACE HOLE	BOTTOM HOLE	LATITUDE	LONGITUDE	NORTH	EAST
	7-35D-6-19	1980' FNL 660' FEL	1980' FNL 1360' FEL	40.256472	109.742476	-15'	-700'

SURVEYED BY:	S.H.	DATE SURVEYED:	11-12-12
DRAWN BY:	L.C.S.	DATE DRAWN:	07-16-13
SCALE:	1" = 100'	REVISED:	

(435) 781-2501

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

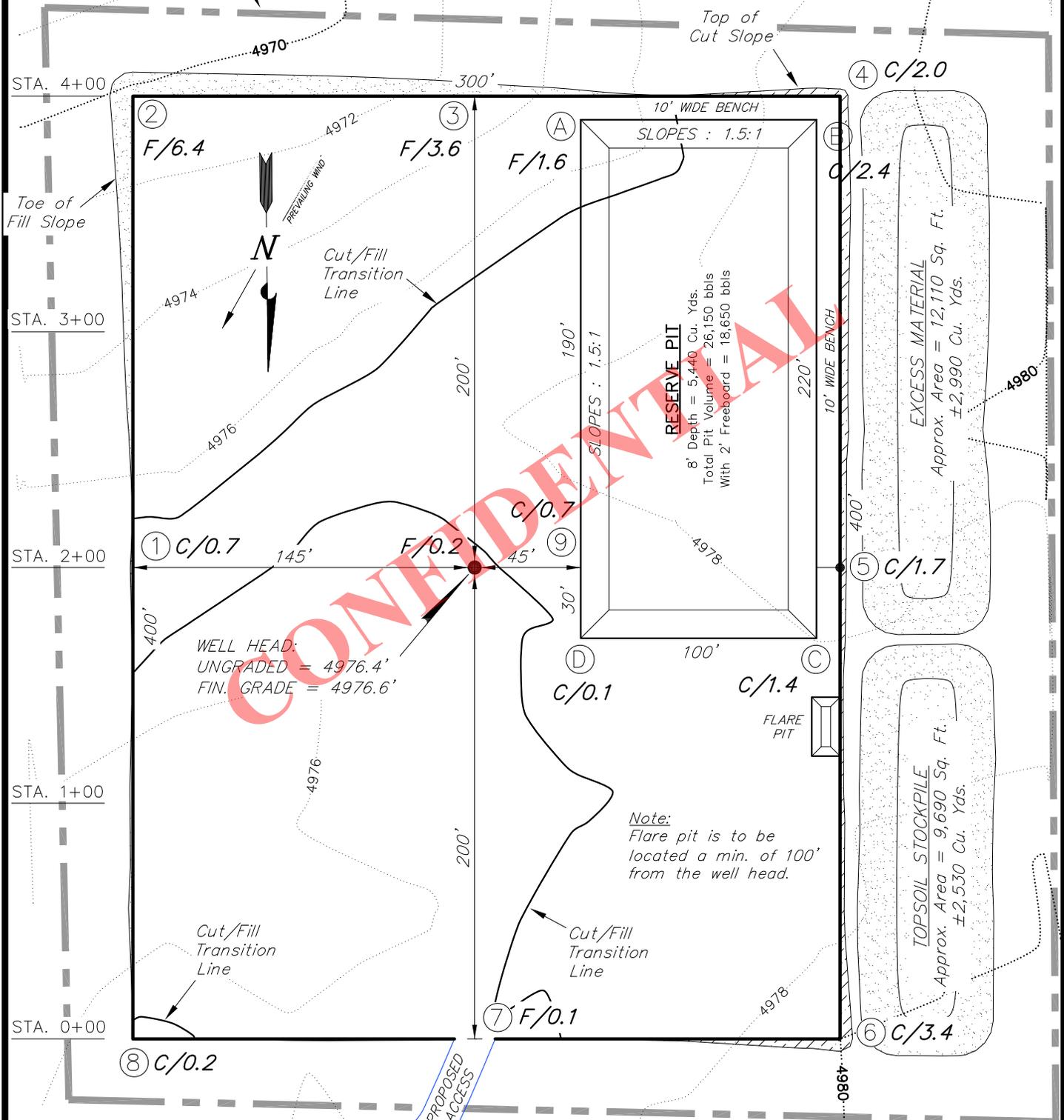
BILL BARRETT CORPORATION

FIGURE #1

LOCATION LAYOUT

FD #7-35D-6-19
Section 35, T6S, R19E, S.L.B.&M.

PROPOSED SURFACE USE AREA
CONTAINS ±4.479 ACRES



CONFIDENTIAL

NOTE:
FILL MATERIAL IS REQUIRED WITHIN THE RIG SUB-STRUCTURE AREAS. COMPACT ALL FILL AREAS TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY WHICH IS OBTAINED BY AASHTO METHOD T-99.

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 5,520 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

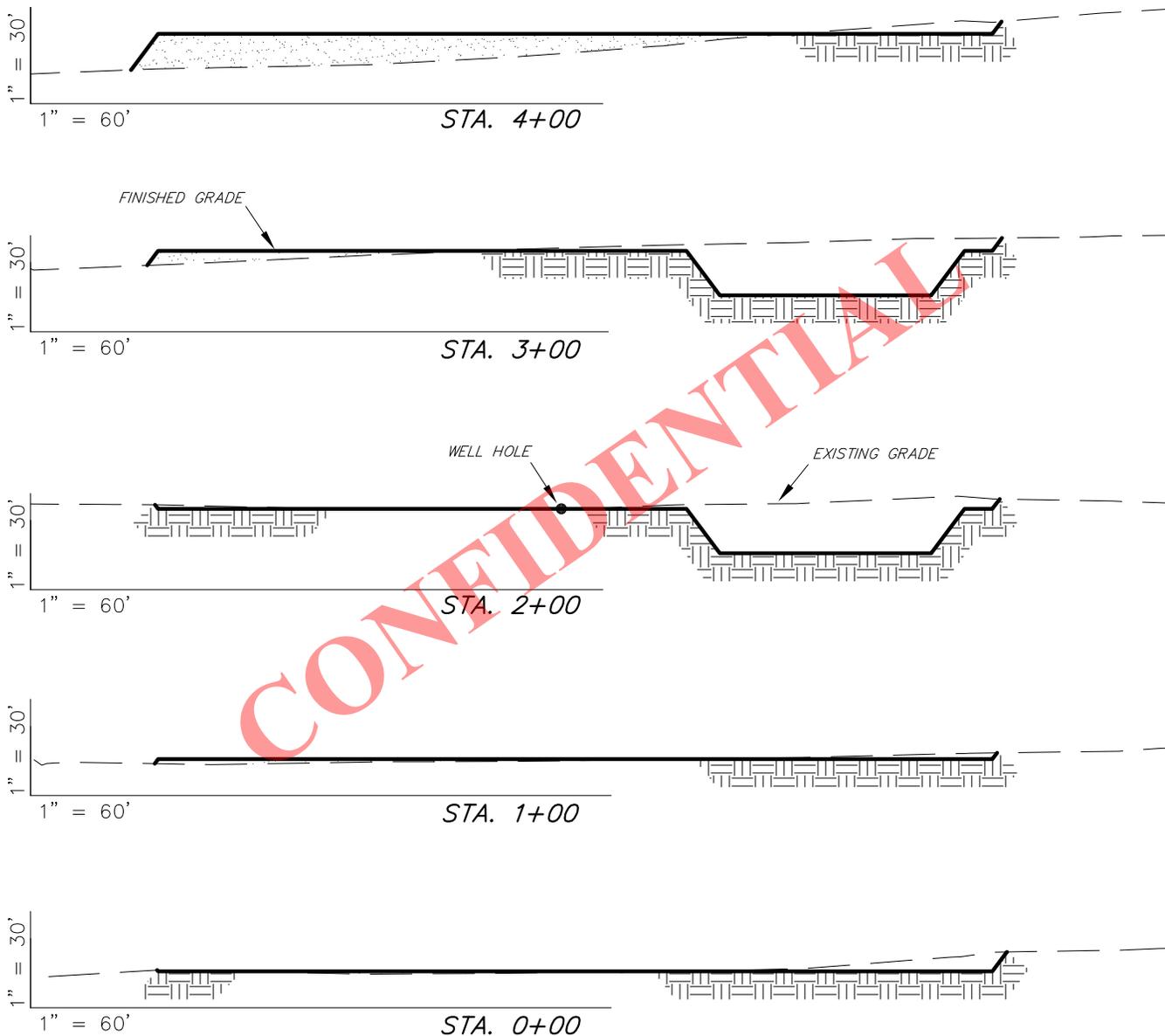
SURVEYED BY: S.H.	DATE SURVEYED: 11-12-12
DRAWN BY: D.COX	DATE DRAWN: 11-15-12
SCALE: 1" = 60'	REVISED: L.C.S. 07-16-13

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

SHEET 2

BILL BARRETT CORPORATION
TYPICAL CROSS SECTIONS
 FD #7-35D-6-19
 Section 35, T6S, R19E, S.L.B.&M.

FIGURE #2



NOTES:
 1.) UNLESS OTHERWISE NOTED CUT SLOPES ARE AT 1:1 & FILL SLOPES ARE AT 1.5:1.

APPROXIMATE PROPOSED SURFACE USE AREA		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±4.479 ACRES
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1,409'	±0.970 ACRES
30' WIDE PIPELINE R-O-W DISTURBANCE	±1,445'	±0.995 ACRES
150' WIDE POWERLINE R-O-W DISTURBANCE	±1,409'	±4.852 ACRES
TOTAL SURFACE USE AREA	±4,263'	±11.296 ACRES

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,200	3,920	Topsoil is not included in Pad Cut	-2,720
PIT	5,440	0		5,440
TOTALS	6,640	3,920	2,300	2,720

SURVEYED BY: S.H.	DATE SURVEYED: 11-12-12
DRAWN BY: D.COX	DATE DRAWN: 11-15-12
SCALE: 1" = 100'	REVISED: L.C.S. 07-16-13

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

SHEET
3

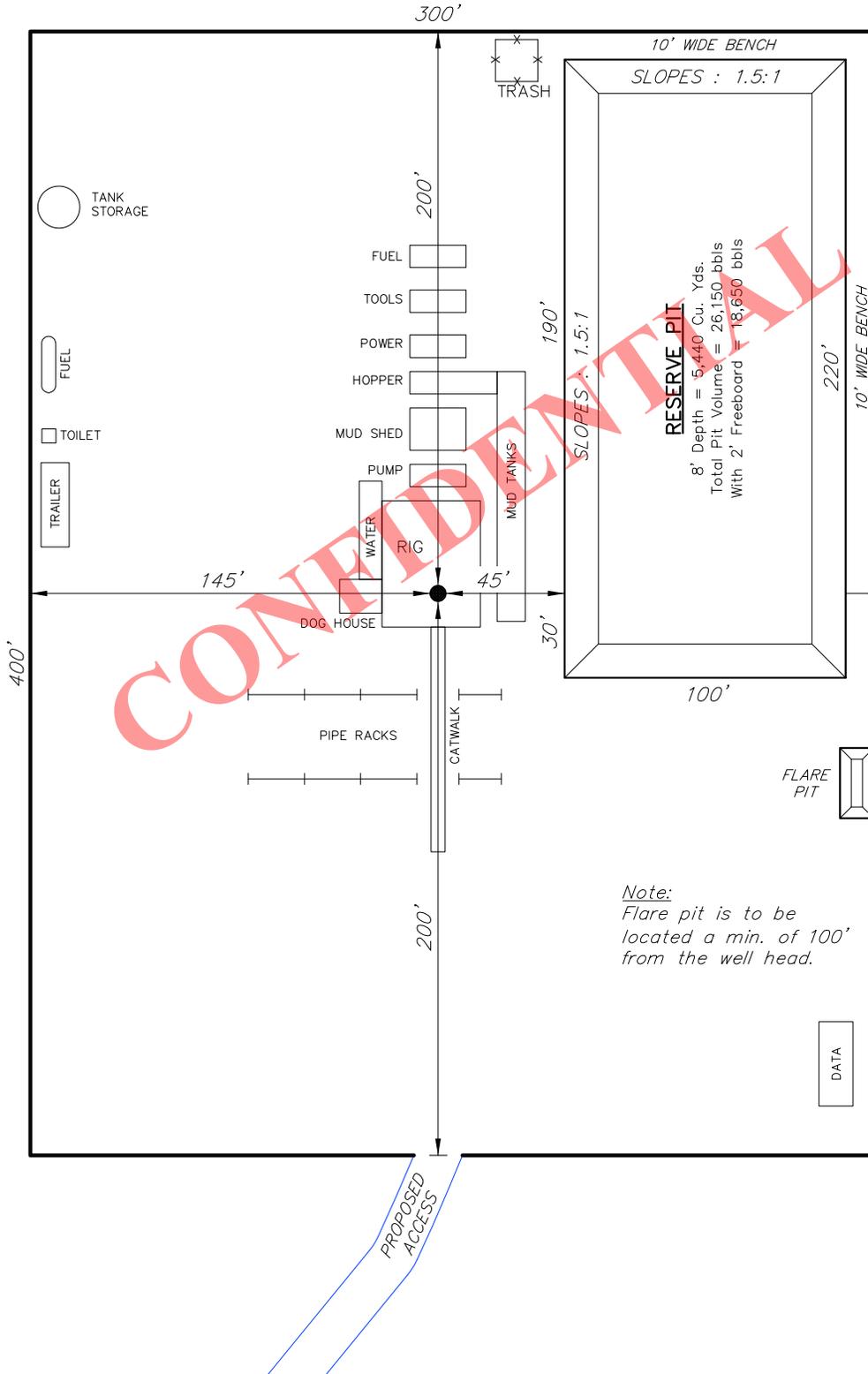
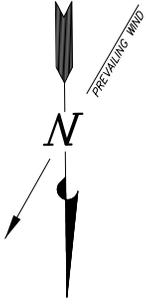
BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT

FD #7-35D-6-19

Section 35, T6S, R19E, S.L.B.&M.

FIGURE #3



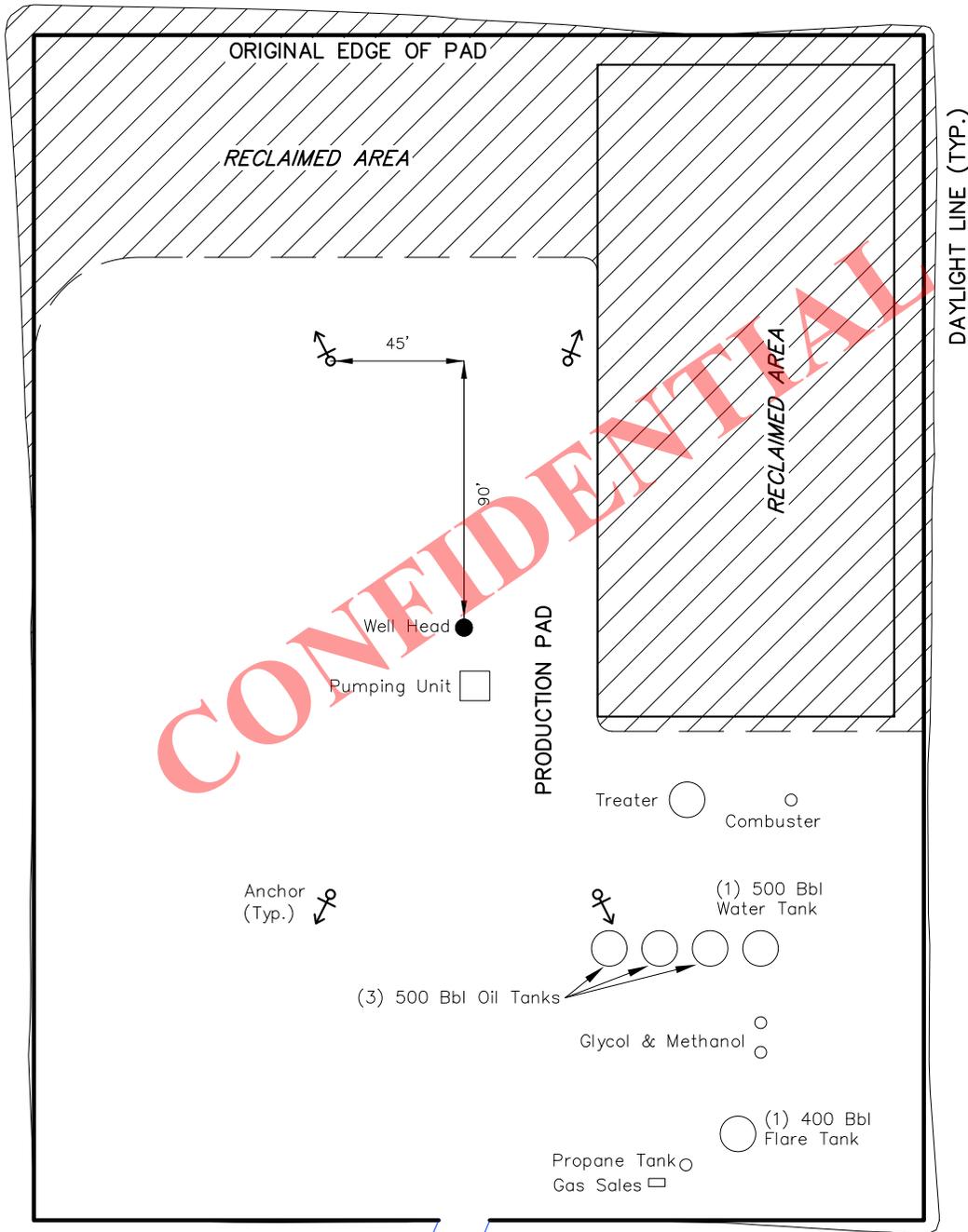
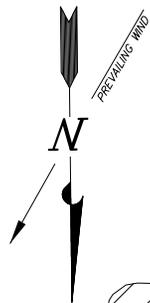
SURVEYED BY: S.H.	DATE SURVEYED: 11-12-12
DRAWN BY: D.COX	DATE DRAWN: 11-15-12
SCALE: 1" = 100'	REVISED: L.C.S. 07-16-13

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

SHEET 4

BILL BARRETT CORPORATION
INTERIM RECLAMATION PLAN
 FD #7-35D-6-19
 Section 35, T6S, R19E, S.L.B.&M.

FIGURE #4



DISTURBED AREA:
 TOTAL DISTURBED AREA = 4.479 ACRES
 TOTAL RECLAIMED AREA = 1.003 ACRES
 UNRECLAIMED AREA = 3.476 ACRES

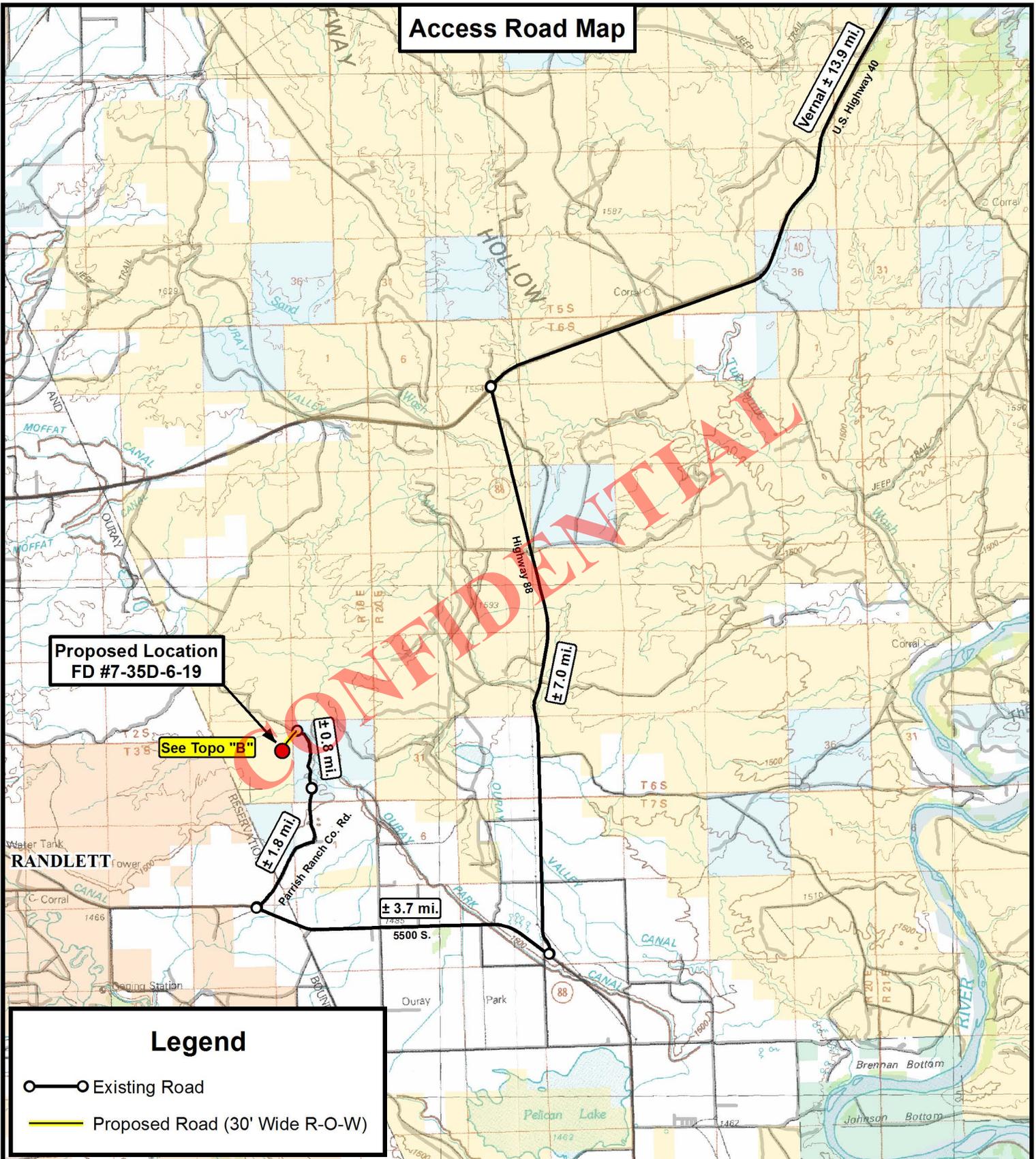
NOTE: RECLAIMED AREA TO INCLUDE SEEDING OF APPROVED VEGETATION AND SUFFICIENT STORM WATER MANAGEMENT SYSTEM.

SURVEYED BY: S.H.	DATE SURVEYED: 11-12-12
DRAWN BY: D.COX	DATE DRAWN: 11-15-12
SCALE: 1" = 100'	REVISED: L.C.S. 07-16-13

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

SHEET 5

Access Road Map



**Proposed Location
FD #7-35D-6-19**

See Topo "B"

± 0.8 mi.

± 1.8 mi.

± 3.7 mi.

± 7.0 mi.

Vernal ± 13.9 mi.
U.S. Highway 40

Legend

- Existing Road
- Proposed Road (30' Wide R-O-W)

**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



BILL BARRETT CORPORATION

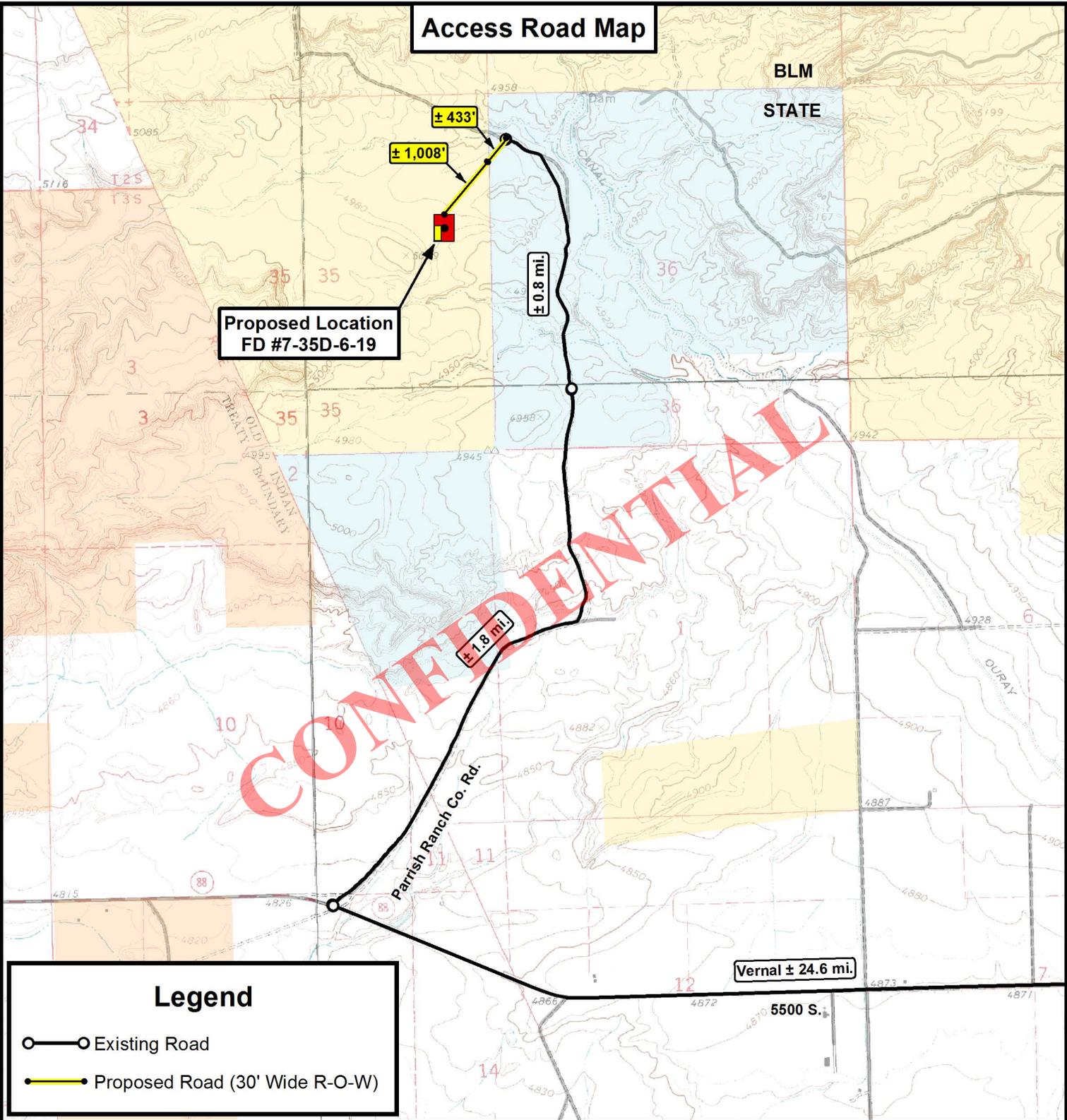
**FD #7-35D-6-19
SEC. 35, T6S, R19E, S.L.B.&M.
Uintah County, UT.**

DRAWN BY:	J.A.S.	REVISED:
DATE:	07-19-2013	
SCALE:	1:100,000	

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



**Proposed Location
FD #7-35D-6-19**

± 1,008'

± 433'

± 0.8 mi.

± 1.8 mi.

Vernal ± 24.6 mi.

Legend

- Existing Road
- Proposed Road (30' Wide R-O-W)

TOTAL PROPOSED ROAD DISTANCE: ± 1,441'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



BILL BARRETT CORPORATION

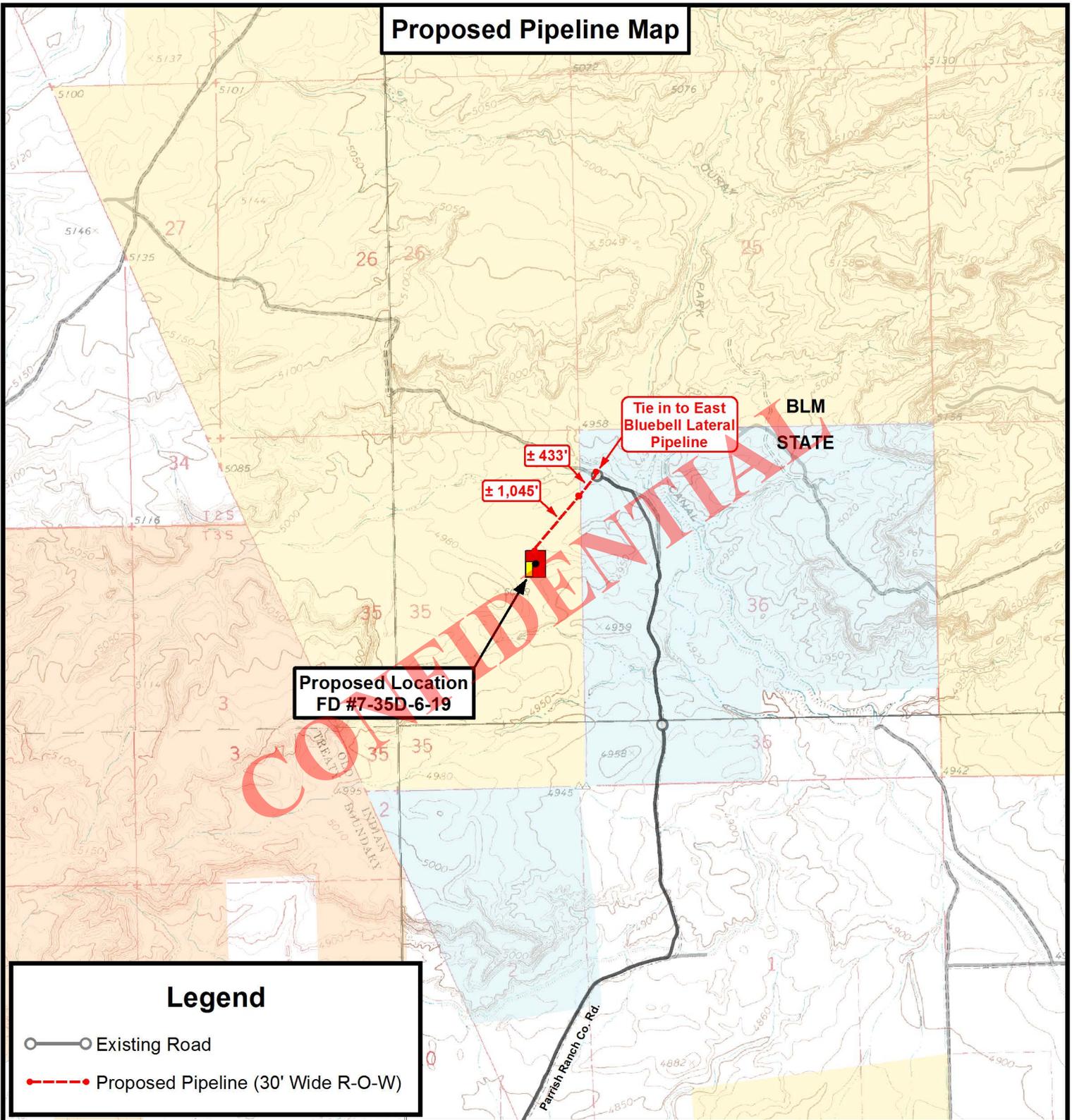
**FD #7-35D-6-19
SEC. 35, T6S, R19E, S.L.B.&M.
Uintah County, UT.**

DRAWN BY:	J.A.S.	REVISED:
DATE:	07-19-2013	
SCALE:	1" = 2,003'	

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



**Proposed Location
FD #7-35D-6-19**

**Tie in to East
Bluebell Lateral
Pipeline**

**BLM
STATE**

CONFIDENTIAL

Legend

- Existing Road
- Proposed Pipeline (30' Wide R-O-W)

TOTAL PIPELINE DISTANCE: ± 1,478'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



BILL BARRETT CORPORATION

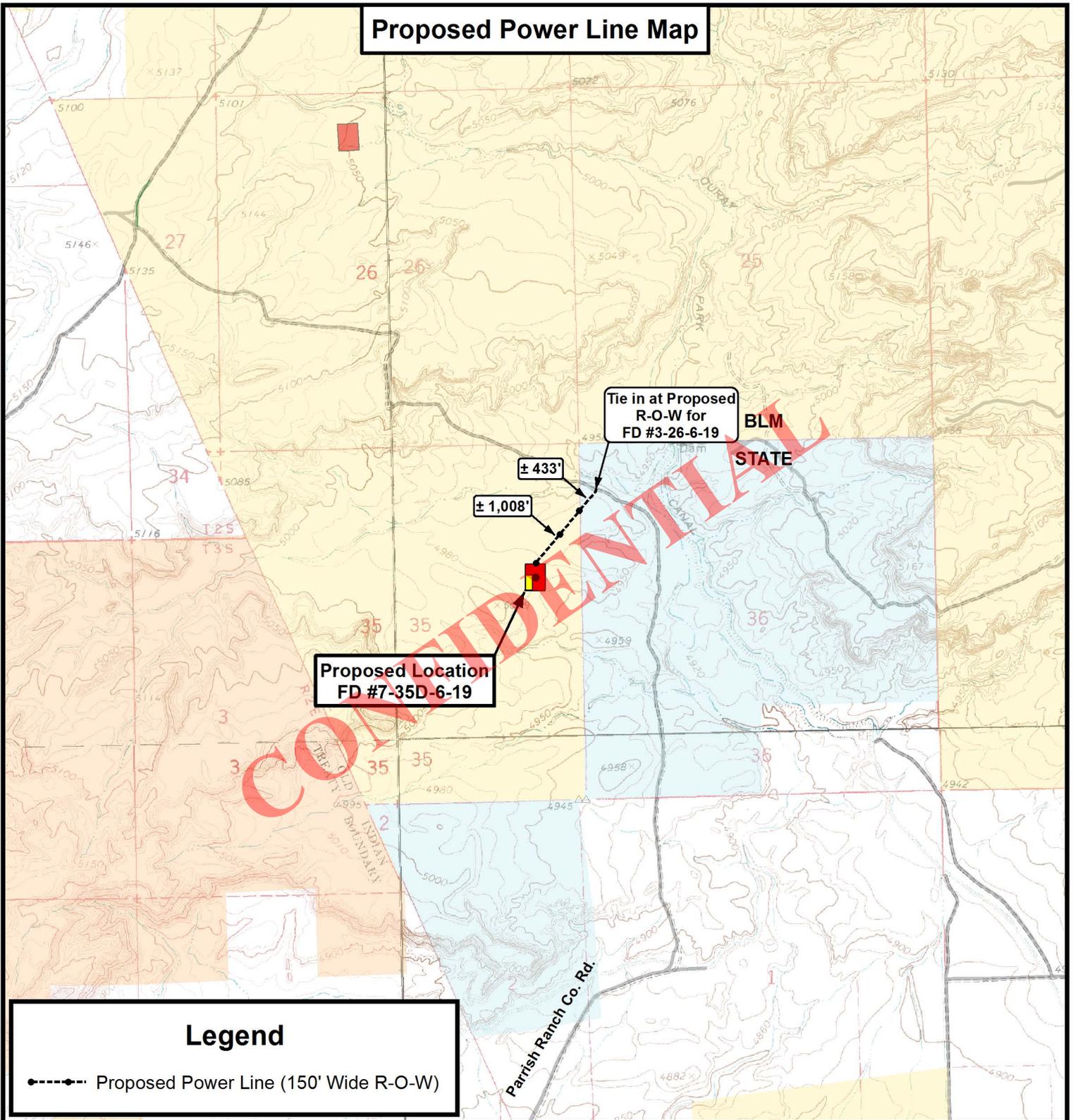
**FD #7-35D-6-19
SEC. 35, T6S, R19E, S.L.B.&M.
Uintah County, UT.**

DRAWN BY:	J.A.S.	REVISED:
DATE:	07-19-2013	
SCALE:	1" = 2,000'	

TOPOGRAPHIC MAP

SHEET
C

Proposed Power Line Map



Legend

●-●-●-● Proposed Power Line (150' Wide R-O-W)

TOTAL POWER LINE DISTANCE: ± 1,441'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



BILL BARRETT CORPORATION

FD #7-35D-6-19
SEC. 35, T6S, R19E, S.L.B.&M.
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:
DATE:	07-19-2013	
SCALE:	1" = 2,000'	

TOPOGRAPHIC MAP

SHEET
D

**Location
Photos**

**Center Stake
Looking Southerly**

Date Photographed:	11/12/2012
Photographed By :	S. Harward



Access

Looking Southwesterly

Date Photographed:	11/12/2012
Photographed By :	S. Harward



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

BILL BARRETT CORPORATION

FD #7-35D-6-19
SEC. 35, T6S, R19E, S.L.B.&M.
Uintah County, UT.

DRAWN BY: J.A.S.
DATE: 07-19-2013

COLOR PHOTOGRAPHS

SHEET
P

BILL BARRETT CORPORATION

FD #7-35D-6-19

SECTION 35, T6S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF 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 AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY THENCE WESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD (PARISH RANCH ROAD) TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION FOR APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; STAY LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS APPROXIMATELY 1,441' IN A SOUTHWESTERLY DIRECTION TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 27.5 MILES

BILL BARRETT CORP

UINTAH COUNTY

7-35D-6-19 FD

7-35D-6-19 FD

Wellbore #1

Plan: Design #1

Standard Planning Report

31 July, 2013

CONFIDENTIAL



SITE DETAILS: 7-35D-6-19 FD
Fort Duchesne

Site Latitude: 40° 15' 23.299 N
Site Longitude: 109° 44' 32.914 W

COMPANY DETAILS: BILL BARRETT CORP

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

Positional Uncertainty: 0.0
Convergence: 1.16
Local North: True

WELL DETAILS: 7-35D-6-19 FD

Ground Level: 4976.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	-23041.88	2490577.66	40° 15' 23.299 N	109° 44' 32.914 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
7-35D-6-19 FD BTV	6000.0	-1.1	-699.8	40° 15' 23.288 N	109° 44' 41.939 W	Rectangle (Sides: L200.0 W200.0)
7-35D-6-19 FD PBHL	9370.0	-1.1	-699.8	40° 15' 23.288 N	109° 44' 41.939 W	Rectangle (Sides: L200.0 W200.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2800.0	0.00	0.00	2800.0	0.0	0.0	0.00	0.00	0.0	
3	4354.0	23.31	269.91	4311.5	-0.5	-311.8	1.50	269.91	311.8	
4	4546.7	23.31	269.91	4488.5	-0.6	-388.0	0.00	0.00	388.0	
5	6100.8	0.00	0.00	6000.0	-1.1	-699.8	1.50	180.00	699.8	7-35D-6-19 FD BTV
6	9470.8	0.00	0.00	9370.0	-1.1	-699.8	0.00	0.00	699.8	7-35D-6-19 FD PBHL

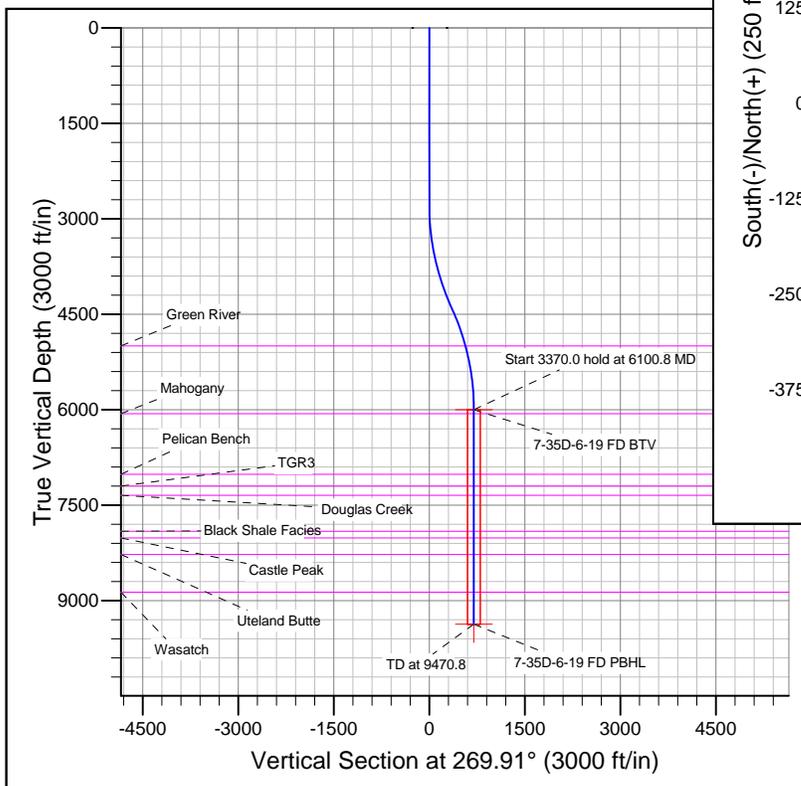
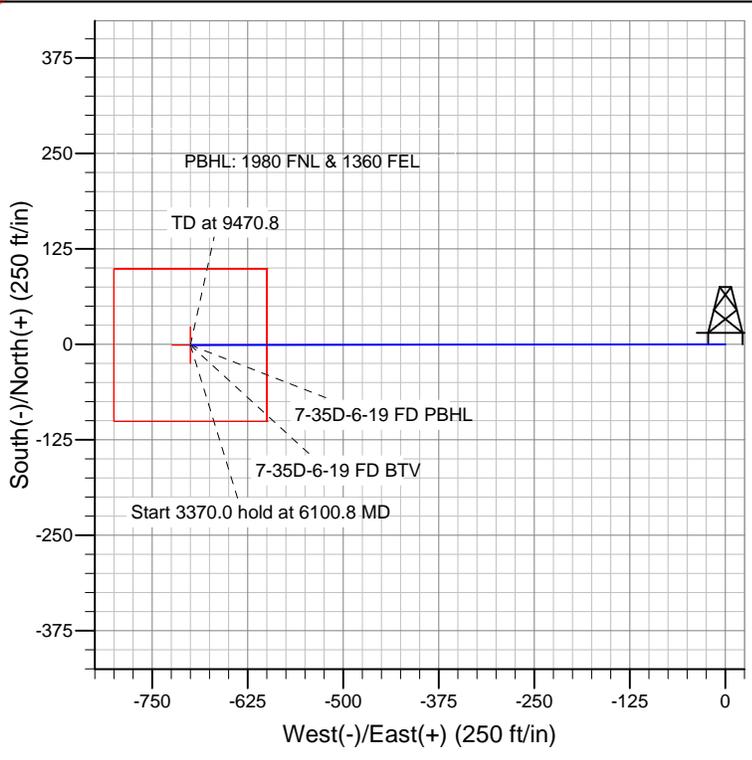
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4998.0	5086.9	Green River
6064.0	6164.8	Mahogany
7015.0	7115.8	Pelican Bench
7200.0	7300.8	TGR3
7344.0	7444.8	Douglas Creek
7913.0	8013.8	Black Shale Facies
8016.0	8116.8	Castle Peak
8276.0	8376.8	Uteland Butte
8870.0	8970.8	Wasatch

CASING DETAILS

No casing data is available

CONFIDENTIAL



Azimuths to True North
Magnetic North: 10.94°

Magnetic Field
Strength: 52222.3snT
Dip Angle: 65.97°
Date: 7/30/2013
Model: IGRF2010

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 7-35D-6-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4996.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4996.0ft (Original Well Elev)
Site:	7-35D-6-19 FD	North Reference:	True
Well:	7-35D-6-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	UINTAH COUNTY		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah North 4301		

Site	7-35D-6-19 FD				
Site Position:		Northing:	-23,041.88 ft	Latitude:	40° 15' 23.299 N
From:	Lat/Long	Easting:	2,490,577.66 ft	Longitude:	109° 44' 32.914 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	1.16 °

Well	7-35D-6-19 FD					
Well Position	+N/-S	0.0 ft	Northing:	-23,041.88 ft	Latitude:	40° 15' 23.299 N
	+E/-W	0.0 ft	Easting:	2,490,577.66 ft	Longitude:	109° 44' 32.914 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,976.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	7/30/2013	(°)	(°)	(nT)
			10.94	65.97	52,222

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	269.91

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,354.0	23.31	269.91	4,311.5	-0.5	-311.8	1.50	1.50	0.00	269.91	
4,546.7	23.31	269.91	4,488.5	-0.6	-388.0	0.00	0.00	0.00	0.00	
6,100.8	0.00	0.00	6,000.0	-1.1	-699.8	1.50	-1.50	0.00	180.00	7-35D-6-19 FD BTV
9,470.8	0.00	0.00	9,370.0	-1.1	-699.8	0.00	0.00	0.00	0.00	7-35D-6-19 FD PBHL

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 7-35D-6-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4996.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4996.0ft (Original Well Elev)
Site:	7-35D-6-19 FD	North Reference:	True
Well:	7-35D-6-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 1.50									
2,900.0	1.50	269.91	2,900.0	0.0	-1.3	1.3	1.50	1.50	0.00
3,000.0	3.00	269.91	2,999.9	0.0	-5.2	5.2	1.50	1.50	0.00
3,100.0	4.50	269.91	3,099.7	0.0	-11.8	11.8	1.50	1.50	0.00
3,200.0	6.00	269.91	3,199.3	0.0	-20.9	20.9	1.50	1.50	0.00
3,300.0	7.50	269.91	3,298.6	-0.1	-32.7	32.7	1.50	1.50	0.00
3,400.0	9.00	269.91	3,397.5	-0.1	-47.0	47.0	1.50	1.50	0.00
3,500.0	10.50	269.91	3,496.1	-0.1	-64.0	64.0	1.50	1.50	0.00
3,600.0	12.00	269.91	3,594.2	-0.1	-83.5	83.5	1.50	1.50	0.00
3,700.0	13.50	269.91	3,691.7	-0.2	-105.5	105.5	1.50	1.50	0.00
3,800.0	15.00	269.91	3,788.6	-0.2	-130.2	130.2	1.50	1.50	0.00
3,900.0	16.50	269.91	3,884.9	-0.3	-157.3	157.3	1.50	1.50	0.00
4,000.0	18.00	269.91	3,980.4	-0.3	-186.9	186.9	1.50	1.50	0.00
4,100.0	19.50	269.91	4,075.0	-0.3	-219.1	219.1	1.50	1.50	0.00
4,200.0	21.00	269.91	4,168.9	-0.4	-253.7	253.7	1.50	1.50	0.00
4,300.0	22.50	269.91	4,261.7	-0.5	-290.8	290.8	1.50	1.50	0.00
4,354.0	23.31	269.91	4,311.5	-0.5	-311.8	311.8	1.50	1.50	0.00
Start 192.7 hold at 4354.0 MD									
4,400.0	23.31	269.91	4,353.7	-0.5	-330.0	330.0	0.00	0.00	0.00
4,500.0	23.31	269.91	4,445.6	-0.6	-369.5	369.5	0.00	0.00	0.00
4,546.7	23.31	269.91	4,488.5	-0.6	-388.0	388.0	0.00	0.00	0.00
Start Drop -1.50									
4,600.0	22.51	269.91	4,537.6	-0.6	-408.8	408.8	1.50	-1.50	0.00
4,700.0	21.01	269.91	4,630.4	-0.7	-445.9	445.9	1.50	-1.50	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 7-35D-6-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4996.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4996.0ft (Original Well Elev)
Site:	7-35D-6-19 FD	North Reference:	True
Well:	7-35D-6-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,800.0	19.51	269.91	4,724.2	-0.7	-480.5	480.5	1.50	-1.50	0.00
4,900.0	18.01	269.91	4,818.9	-0.8	-512.6	512.6	1.50	-1.50	0.00
5,000.0	16.51	269.91	4,914.4	-0.8	-542.3	542.3	1.50	-1.50	0.00
5,086.9	15.21	269.91	4,998.0	-0.9	-566.1	566.1	1.50	-1.50	0.00
Green River									
5,100.0	15.01	269.91	5,010.6	-0.9	-569.5	569.5	1.50	-1.50	0.00
5,200.0	13.51	269.91	5,107.6	-0.9	-594.1	594.1	1.50	-1.50	0.00
5,300.0	12.01	269.91	5,205.1	-1.0	-616.2	616.2	1.50	-1.50	0.00
5,400.0	10.51	269.91	5,303.2	-1.0	-635.7	635.7	1.50	-1.50	0.00
5,500.0	9.01	269.91	5,401.7	-1.0	-652.7	652.7	1.50	-1.50	0.00
5,600.0	7.51	269.91	5,500.7	-1.0	-667.1	667.1	1.50	-1.50	0.00
5,700.0	6.01	269.91	5,600.0	-1.1	-678.8	678.8	1.50	-1.50	0.00
5,800.0	4.51	269.91	5,699.5	-1.1	-688.0	688.0	1.50	-1.50	0.00
5,900.0	3.01	269.91	5,799.3	-1.1	-694.6	694.6	1.50	-1.50	0.00
6,000.0	1.51	269.91	5,899.2	-1.1	-698.5	698.5	1.50	-1.50	0.00
6,100.0	0.01	269.91	5,999.2	-1.1	-699.8	699.8	1.50	-1.50	0.00
6,100.8	0.00	0.00	6,000.0	-1.1	-699.8	699.8	1.50	-1.50	0.00
Start 3370.0 hold at 6100.8 MD									
6,164.8	0.00	0.00	6,064.0	-1.1	-699.8	699.8	0.00	0.00	0.00
Mahogany									
6,200.0	0.00	0.00	6,099.2	-1.1	-699.8	699.8	0.00	0.00	0.00
6,300.0	0.00	0.00	6,199.2	-1.1	-699.8	699.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,299.2	-1.1	-699.8	699.8	0.00	0.00	0.00
6,500.0	0.00	0.00	6,399.2	-1.1	-699.8	699.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,499.2	-1.1	-699.8	699.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,599.2	-1.1	-699.8	699.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,699.2	-1.1	-699.8	699.8	0.00	0.00	0.00
6,900.0	0.00	0.00	6,799.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,000.0	0.00	0.00	6,899.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,100.0	0.00	0.00	6,999.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,115.8	0.00	0.00	7,015.0	-1.1	-699.8	699.8	0.00	0.00	0.00
Pelican Bench									
7,200.0	0.00	0.00	7,099.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,300.0	0.00	0.00	7,199.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,300.8	0.00	0.00	7,200.0	-1.1	-699.8	699.8	0.00	0.00	0.00
TGR3									
7,400.0	0.00	0.00	7,299.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,444.8	0.00	0.00	7,344.0	-1.1	-699.8	699.8	0.00	0.00	0.00
Douglas Creek									
7,500.0	0.00	0.00	7,399.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,499.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,599.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,699.2	-1.1	-699.8	699.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,799.2	-1.1	-699.8	699.8	0.00	0.00	0.00
8,000.0	0.00	0.00	7,899.2	-1.1	-699.8	699.8	0.00	0.00	0.00
8,013.8	0.00	0.00	7,913.0	-1.1	-699.8	699.8	0.00	0.00	0.00
Black Shale Facies									
8,100.0	0.00	0.00	7,999.2	-1.1	-699.8	699.8	0.00	0.00	0.00
8,116.8	0.00	0.00	8,016.0	-1.1	-699.8	699.8	0.00	0.00	0.00
Castle Peak									
8,200.0	0.00	0.00	8,099.2	-1.1	-699.8	699.8	0.00	0.00	0.00
8,300.0	0.00	0.00	8,199.2	-1.1	-699.8	699.8	0.00	0.00	0.00
8,376.8	0.00	0.00	8,276.0	-1.1	-699.8	699.8	0.00	0.00	0.00

Bill Barrett Corp

Planning Report

Database:	Compass	Local Co-ordinate Reference:	Site 7-35D-6-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4996.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4996.0ft (Original Well Elev)
Site:	7-35D-6-19 FD	North Reference:	True
Well:	7-35D-6-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
Uteland Butte										
8,400.0	0.00	0.00	8,299.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,399.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,499.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,599.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,699.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,799.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
8,970.8	0.00	0.00	8,870.0	-1.1	-699.8	699.8	0.00	0.00	0.00	
Wasatch										
9,000.0	0.00	0.00	8,899.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
9,100.0	0.00	0.00	8,999.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,099.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,199.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,299.2	-1.1	-699.8	699.8	0.00	0.00	0.00	
9,470.8	0.00	0.00	9,370.0	-1.1	-699.8	699.8	0.00	0.00	0.00	
TD at 9470.8										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
7-35D-6-19 FD PBHL	0.00	0.00	9,370.0	-1.1	-699.8	-23,057.11	2,489,878.00	40° 15' 23.288 N	109° 44' 41.939 W	
- hit/miss target										
- Shape										
- Rectangle (sides W200.0 H200.0 D0.0)										
7-35D-6-19 FD BTV	0.00	0.00	6,000.0	-1.1	-699.8	-23,057.11	2,489,878.00	40° 15' 23.288 N	109° 44' 41.939 W	
- plan hits target										
- Rectangle (sides W200.0 H200.0 D3,370.0)										

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
5,086.9	4,998.0	Green River		0.00		
6,164.8	6,064.0	Mahogany		0.00		
7,115.8	7,015.0	Pelican Bench		0.00		
7,300.8	7,200.0	TGR3		0.00		
7,444.8	7,344.0	Douglas Creek		0.00		
8,013.8	7,913.0	Black Shale Facies		0.00		
8,116.8	8,016.0	Castle Peak		0.00		
8,376.8	8,276.0	Uteland Butte		0.00		
8,970.8	8,870.0	Wasatch		0.00		

Bill Barrett Corp
Planning Report

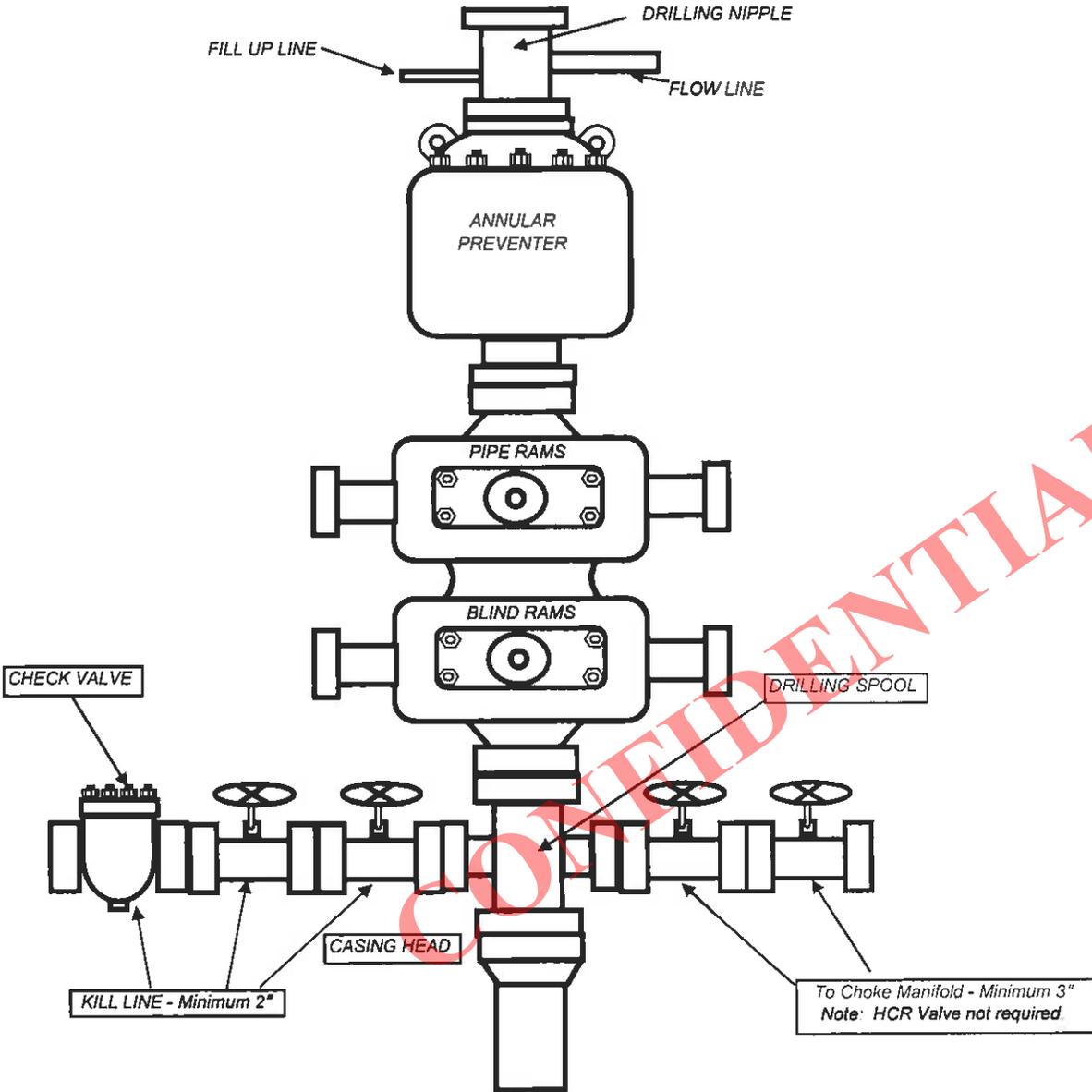
Database:	Compass	Local Co-ordinate Reference:	Site 7-35D-6-19 FD
Company:	BILL BARRETT CORP	TVD Reference:	KB @ 4996.0ft (Original Well Elev)
Project:	UINTAH COUNTY	MD Reference:	KB @ 4996.0ft (Original Well Elev)
Site:	7-35D-6-19 FD	North Reference:	True
Well:	7-35D-6-19 FD	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,800.0	2,800.0	0.0	0.0	Start Build 1.50
4,354.0	4,311.5	-0.5	-311.8	Start 192.7 hold at 4354.0 MD
4,546.7	4,488.5	-0.6	-388.0	Start Drop -1.50
6,100.8	6,000.0	-1.1	-699.8	Start 3370.0 hold at 6100.8 MD
9,470.8	9,370.0	-1.1	-699.8	TD at 9470.8

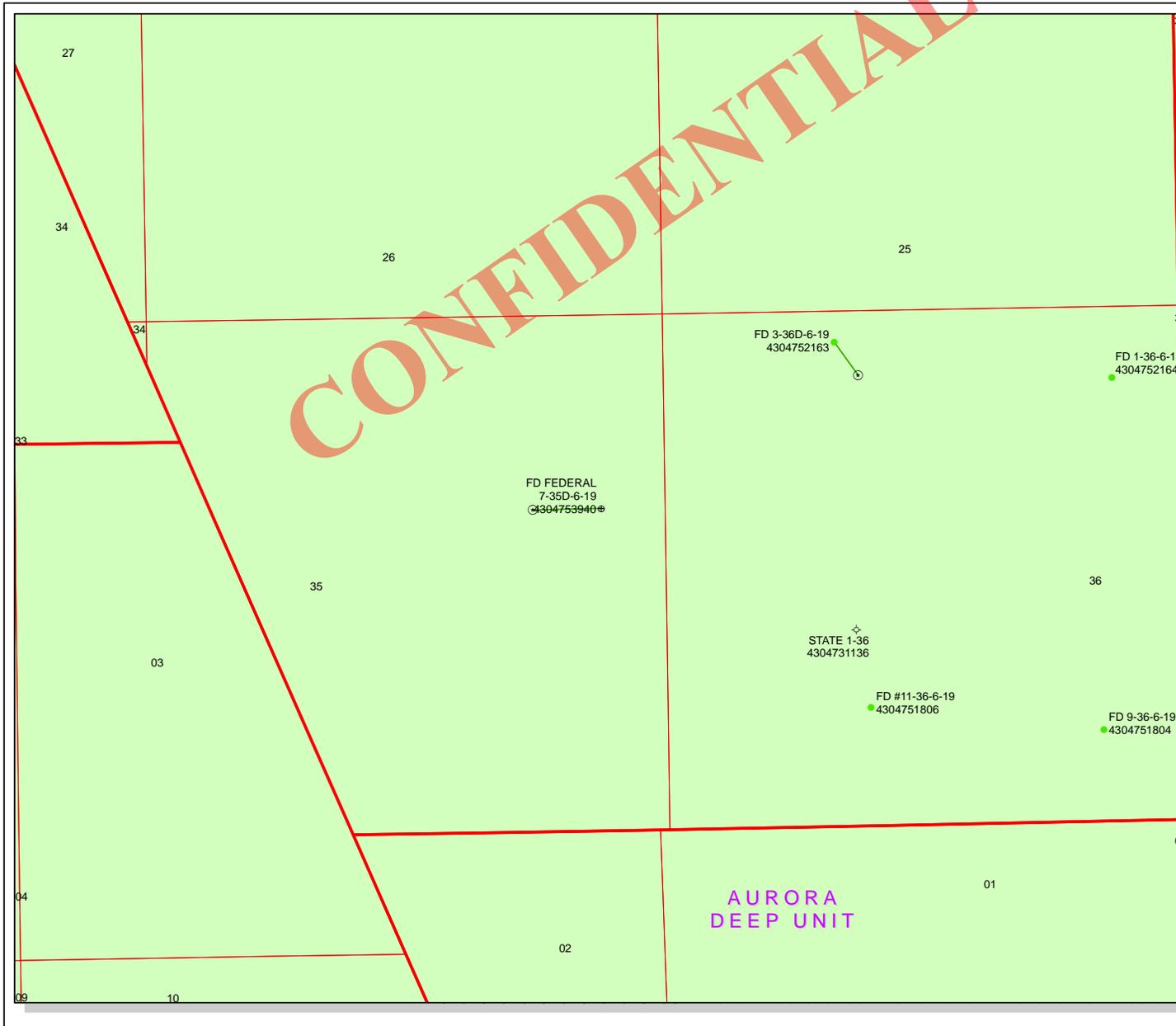
CONFIDENTIAL

BILL BARRETT CORPORATION

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



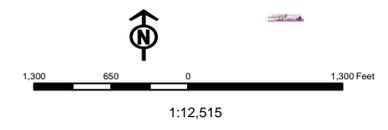
CONFIDENTIAL



API Number: 4304753940
Well Name: FD FEDERAL 7-35D-6-19
Township T06.0S Range R19.0E Section 35
Meridian: SLBM
Operator: BILL BARRETT CORP

Map Prepared:
Map Produced by Diana Mason

- Units**
STATUS
- ACTIVE
 - EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PI OIL
 - PP GAS
 - PP GEOTHERMAL
 - PP OIL
 - SECONDARY
 - TERMINATED





March 3, 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 FD Federal 7-35D-6-19

East Bluebell Area

Surface: 1980' FNL, 660' FEL,SENE, 35-T6S-19 SLM

Bottom Hole: 1980' FNL, 1360' FEL,SWNE, 29-T2S-R2E USM

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 UTU-85590.
- 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, 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 within 460 feet of the intended well bore in which BBC is not an owner.

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 303-312-8757.

Sincerely,

Blady Riny for

Kevin T. Funk
Land Assistant

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/31/2013

API NO. ASSIGNED: 43047539400000

WELL NAME: FD FEDERAL 7-35D-6-19

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: SENE 35 060S 190E

Permit Tech Review:

SURFACE: 1980 FNL 0660 FEL

Engineering Review:

BOTTOM: 1980 FNL 1360 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.25643

LONGITUDE: -109.74314

UTM SURF EASTINGS: 606884.00

NORTHINGS: 4456977.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU85590

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - WYB000040
- 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
4 - Federal Approval - dmason
15 - Directional - dmason
23 - Spacing - dmason



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 FEDERAL 7-35D-6-19

API Well Number: 43047539400000

Lease Number: UTU85590

Surface Owner: FEDERAL

Approval Date: 3/4/2014

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 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.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

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

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.

Notification Requirements:

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

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

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

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

Reporting Requirements:

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

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

Approved By:



For John Rogers
Associate Director, Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 24 2013

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM Vernal UT
CONFIDENTIAL

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU85590
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name If Unit or CA Agreement, Name and No.
2. Name of Operator BILL BARRETT CORPORATION Contact: BRADY RILEY E-Mail: briley@billbarrettcorp.com		8. Lease Name and Well No. FD FEDERAL 7-35D-6-19
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8115	9. API Well No. 43047-53940
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENE 1980FNL 660FEL At proposed prod. zone SWNE 1980FNL 1360FEL		10. Field and Pool, or Exploratory UNDESIGNATED
14. Distance in miles and direction from nearest town or post office* 27.5 MILES TO VERNAL, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 35 T6S R19E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1360' LEASE LINE	16. No. of Acres in Lease 1966.00	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 2672'	19. Proposed Depth 9471 MD 9370 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4976 GL	22. Approximate date work will start 06/01/2014	17. Spacing Unit dedicated to this well 640.00
		20. BLM/BIA Bond No. on file WYB000040
		23. Estimated duration 60 D&C

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) BRADY RILEY Ph: 303-312-8115	Date 09/18/2013
Title PERMIT ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date MAR 07 2014
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

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

CONDITIONS OF APPROVAL ATTACHED

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

Additional Operator Remarks (see next page)

Electronic Submission #220388 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Vernal
Committed to AFMSS for processing by LESLIE BUHLER on 10/24/2013 ()

RECEIVED

MAR 18 2014

NOTICE OF APPROVAL

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

UDOGM

DIV. OF OIL, GAS & MINING

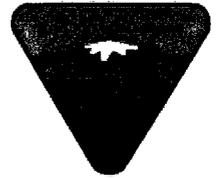


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Bill Barrett Corporation
Well No: FD FEDERAL 7-35D-6-19
API No: 43-047-53940

Location: NENE SEC 35 T06S R19E
Lease No: UTU85590
Agreement:

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm ut vn opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

Air Quality

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gram of NO_x per horsepower-hour.
- Members of the construction crew would be encouraged to car pool to and from the surrounding cities and towns as practicable to minimize vehicle-related emissions.
- No open burning of garbage or refuse at wells site or other facilities would be allowed.
- During hot, dry and/or windy conditions, water or other approved dust suppressants would be used at construction sites and along roads, as determined appropriate by the Authorized Officer.
- Open burning of garbage or refuse would not occur at well sites or other facilities.
- Drill rigs would be equipped with Tier II or better diesel engines.
- Phase II water lines would be installed and buried to reduce incidents of freezing and to reduce the number of water-hauling trucks that could contribute to fugitive dust conditions.
- Where practicably feasible, well site telemetry would be installed to remotely monitor and control production.
- Power lines would be installed where possible, except where topographic features preclude installation of power lines. In addition, the ability to utilize electric power also requires that sufficient power capacity and infrastructure is readily available in the immediate area, including appropriate ROWs. Low bleed pneumatics would be installed on separator dump valves and other controllers.
- During completion, venting and flaring would be limited as much as possible. Production equipment and gathering lines would be installed as soon as possible.
- When feasible, two (2) or more rigs (including drilling and completion rigs) would not be run simultaneously within 200 meters of each other. If two (2) or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters from the nearest emission source would be implemented. Examples of an effective public health protection buffer zone includes the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, BBC may demonstrate compliance with the 1-hour NO₂ NAAQS with appropriate and accepted near-field modeling. As part of this, BBC may propose alternative mitigation that could include but is not limited to natural gas-fire drill rigs, installation of NO_x controls, time/use restriction, and/or drill rig spacing.
- All internal combustion equipment would be kept in good working order.
- All new and replacement spark-ignition natural gas-fired internal combustion engines would comply with the applicable emission limits found in Subpart JJJJ of the New Source Performance standards (40 CFR 60 subpart JJJJ).
- Green completions would be used for all well completion activities where technically feasible.
- Enhanced volatile organic compounds (VOCs) emission controls with 95 percent control efficiency would be employed on storage tanks having a potential to emit greater than five (5) tons per year (tpy) of VOC uncontrolled.
- Per the terms set out in the Consent Decree (Civil Action No. 2:09-CV-330 TS), approved by the EPA on November 13, 2009, BBC would commit to the following air quality protective measures listed below:

- Dehydrator emissions from new oil and/or gas production facilities that exceed 20 tpy of VOCs would be controlled to achieve a 95 percent by weight or greater reduction of VOC or total hazardous air pollutant emissions.
- All internal combustion equipment and emission capture, collection and pollution abatement equipment, including vent lines, connections, fittings, valves, relief valves, hatches and other appurtenances required would be maintained in good working order following manufacturer recommendations or best practices.
- BBC would implement a fugitive inspection and repair program.
- BBC would employ tank best management practices such as requiring thief and other tank hatches are to be closed after gauging and unloading activities, installing low emission hatches and maintaining valves in a leak-free condition.

Water Resources, Including Waters of the United States

- If springs are encountered and impacted during construction, the spring(s) would be protected, fenced, and repaired to pre-existing conditions at the direction of the BLM.
- If any work associated with construction of a proposed pipeline would require the placement of dredged or fill material in an existing wetland or would have the potential to alter the nature of existing water ways, the U.S. Army Corps of Engineers (USACE) would be notified by BBC in order to obtain the necessary permits or jurisdictional determinations pursuant to Section 404 of the Clean Water Act.
- Surface disturbance and placement of staging areas, fueling and maintenance areas, would be avoided within 330 feet from centerline of U.S. Geological Survey (USGS)-named drainages unless no other practical alternative exists.
- No excess material (e.g., soil, overburden, etc.) would be stored within mapped 100-year floodplains of USGS-named drainages; all excess material would be relocated to appropriate locations outside of 100-year floodplains within the project area.
- Construction activities at perennial or USGS-named drainage crossings (e.g., burying pipelines, installing culverts) would be timed to avoid high flow conditions. Construction that disturbs any flowing stream would utilize either a piped stream diversion or a cofferdam and pump to divert flow around the disturbed area.
- Culverts at drainage crossings would be designed and installed to pass a 25-year or greater storm event. On perennial and USGS-named intermittent streams, culverts would be designed to allow for passage of aquatic biota. The minimum culvert diameter in any installation for a drainage crossing or road drainage would be 24-inches. Due to the likelihood for flash flooding in the project area's drainages and anticipated culvert maintenance, drainage crossings would be designed for the 100-year storm event.

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

SITE SPECIFIC DOWNHOLE COAs:

1. A formation integrity test shall be performed at the surface casing shoe.
2. Gamma Ray Log shall be run from Total Depth to Surface.
3. To effectively protect useable water, cement for the long string is required to be brought 200' above the surface casing shoe.
4. A bowl diverter system, which is connected and discharges to a panic or choke blooie line, shall be installed while drilling the surface hole section.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- Unit agreement and/or participating area name and number, if applicable.
- Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85590
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 FEDERAL 7-35D-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047539400000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 Township: 06.0S Range: 19.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/19/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" 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.

In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, completion into two or more pools, BBC is submitting this sundry to request commingling approval for the Green River and Wasatch formations. Oil and associated gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: _____
 By: Dark Quist

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/19/2014	



March 14, 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
Fort Duchesne Area
FD Federal 7-35D-6-19
SWNE, Section 35 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 the Aurora Unit. BBC has notified all owners of oil and gas leases contiguous to the drilling unit.

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

A handwritten signature in blue ink that reads 'Kevin T. Funk' with a stylized flourish at the end.

Kevin T. Funk
Land Technician II
BILL BARRETT CORPORATION

Enclosures



AFFIDAVIT OF NOTICE

My name is Kevin T. Funk. I am a Land Technician II with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the following well within our Fort Duchesne Field:

FD Federal 7-35D-6-19 SWNE Section 35 T6S-R19E

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

Lessees:
EnCana Oil and Gas (USA) Inc.

Date: March 14, 2014

Affiant



Kevin T. Funk
Land Technician II
BILL BARRETT CORPORATION



March 17, 2014

EnCana Oil & Gas (USA), Inc.
Attn: Judy Tatham
370 17th Street, Suite 1700
Denver, CO 80202

RE: Commingling Application
FD Federal 7-35D-6-19
Uintah County, UT

Dear Ms. Tatham,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

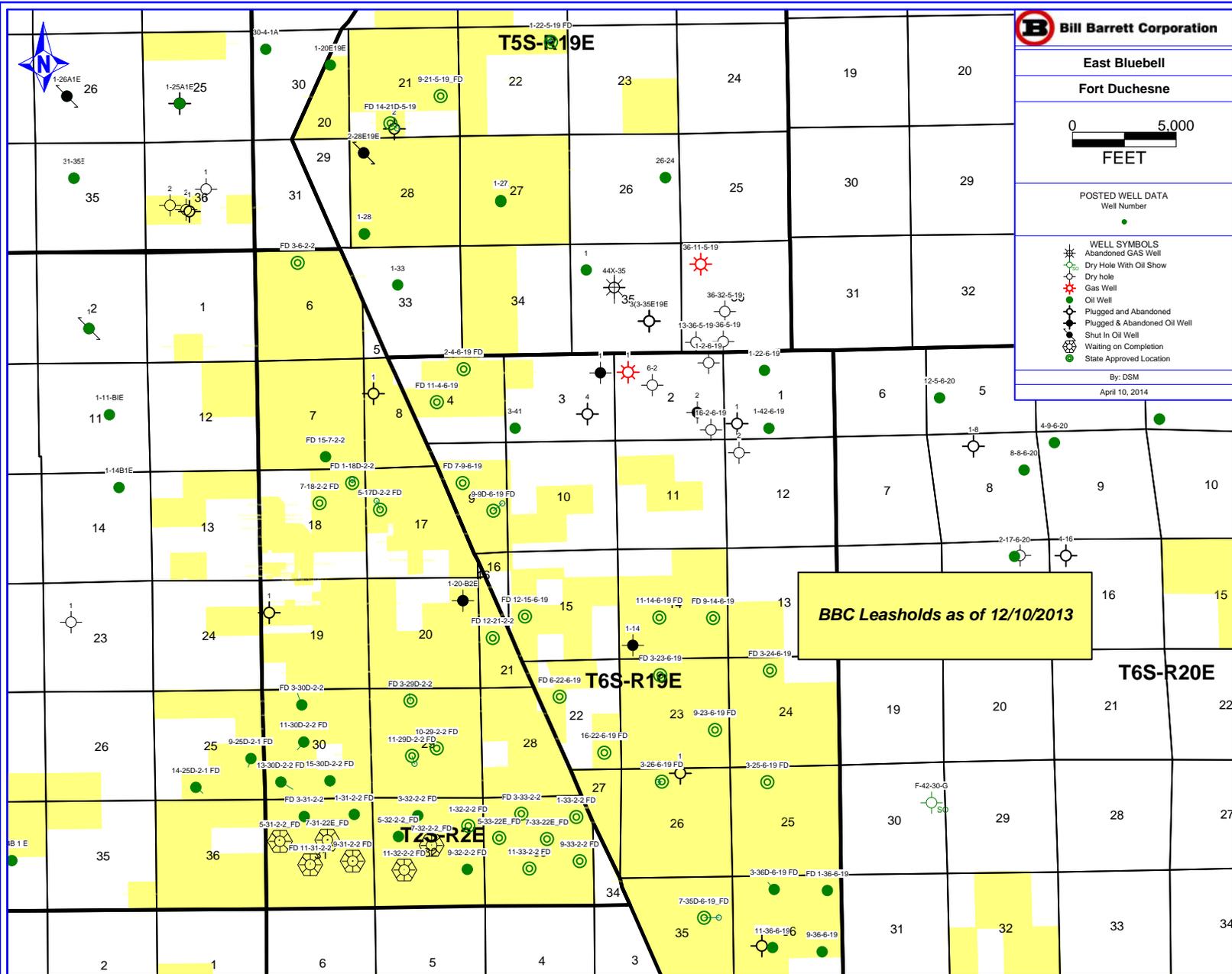
Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

Regards,



Kevin T. Funk
Land Technician II
BILL BARRETT CORPORATION

Enclosures



PETRA 4/10/2014 2:06:33 PM

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85590
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 FEDERAL 7-35D-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047539400000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 Township: 06.0S Range: 19.0E Meridian: S	9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/8/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input 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.

Bill Barrett Corporation is requesting permission to revise the surface casing set depth for this well from 2700' to 1200'. Hole size will remain the same. Surface casing size will change from 9-5/8" to 8-5/8". Revised cement amounts will change to 170sx (lead) and 270sx (tail) and the production cement amount will change to 770sx (lead) and tail stays the same. See attached revised drilling plan for additional information.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 May 13, 2014**

Date: _____
 By: David K. Quist

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/8/2014	

BILL BARRETT CORPORATION
DRILLING PLAN REVISED

FD Federal 7-35D-6-19

SENE, 1980' FNL and 660' FEL, Section 35, T6S-R19E, SLB&M (surface hole)
 SWNE, 1980' FNL and 1360' FEL, Section 35, 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 – MD</u>	<u>Depth – TVD</u>
Green River	5,087'	4,998'
Mahogany	6,165'	6,064'
TGR3*	7,301'	7,200'
Douglas Creek	7,445'	7,344'
Black Shale	8,014'	7,913'
Castle Peak	8,117'	8,016'
Uteland Butte	8,377'	8,276'
Wasatch*	8,971'	8,870'
TD	9,471'	9,370'

*PROSPECTIVE PAY: Members of the Wasatch and the Lower Green River are primary objectives for oil/gas.

Base of Useable Water = 2672'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1200'	Rotating Head or Diverter (may pre-set 8-5/8" 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 Federal 7-35D-6-19
 Uintah County, Utah

5. Cementing Program

16" Conductor Casing	Grout
8 5/8" Surface Casing	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: 770 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 700' Tail: 370 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 @ 7514'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(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 4629 psi* and maximum anticipated surface pressure equals approximately 2568 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 Federal 7-35D-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: MAY 2014
Spud: MAY 2014
Duration: 5 days drilling time
6 days completion time

12. Appendix A

9-5/8" 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

AURORA CEMENT VOLUMES

Well Name: FD Federal 7-35D-6-19 REVISED

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
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	700'	

# SK's Tail:	270
--------------	-----

Production Hole Data:

Total Depth:	9,471'
Top of Cement:	700'
Top of Tail:	7,514'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1770.8	ft ³
Lead Fill:	6,814'	
Tail Volume:	508.6	ft ³
Tail Fill:	1,957'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	770
# SK's Tail:	370

FD Federal 7-35D-6-19 REVISED 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 - (7514' - 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: 6,814'
	Volume: 315.37 bbl
	Proposed Sacks: 770 sks
Tail Cement - (9471' - 7514')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,514'
	Calculated Fill: 1,957'
	Volume: 90.58 bbl
	Proposed Sacks: 370 sks

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85590	
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 FEDERAL 7-35D-6-19		
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047539400000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 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: 6/2/2014 <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: 6/2/14 Spud Time: 2:30 PM Commence Drilling approximate start date: 6/30/2014			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 02, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 6/2/2014	

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: UTU85590	
		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 FEDERAL 7-35D-6-19	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047539400000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 Township: 06.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: UNDESIGNATED	
		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 type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/30/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Attached is the June 2014 Drilling Activity for this well.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 03, 2014			
NAME (PLEASE PRINT) Christina Hirtler		PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A		DATE 7/3/2014	

**FD 07-35D-6-19 6/7/2014 00:00 - 6/8/2014 06:00**

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB)	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	-------------------------	--------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	2.00	02:00	1	RIGUP & TEARDOWN	MIRU Air rig.
02:00	4.00	06:00	2	DRILL ACTUAL	Air mist f/80' t/500'

FD 07-35D-6-19 6/8/2014 06:00 - 6/9/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB)	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	-------------------------	--------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	2	DRILL ACTUAL	Air mist t/500' t/1250'.
15:00	1.00	16:00	5	COND MUD & CIRC	Blew hole clean.
16:00	4.00	20:00	6	TRIPS	Tooh, tih, wash f/900' t/1250'.
20:00	2.00	22:00	5	COND MUD & CIRC	Blew hole clean, spot drlg mud
22:00	2.00	00:00	6	TRIPS	LD drl stem.
00:00	6.00	06:00	12	RUN CASING & CEMENT	RU t/run casing. PU GS, shoe jt, FC, 27 jts 8 5/8" 24# J55 STC, landed at 1231.83'. RD Pro Petro, CIP w/150 sx lead cmt @ 11 ppg, 510 sx tail cmt @ 15.8 ppg, drop top plug, displace w/74 bbls fresh water. 7 bbls cmt t/surface, hole stayed full, top off w/150 sx class G w/2% CaCl2.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# CAPSTAR 328
Submitted By Jody South Phone Number 303-353-5425
Well Name/Number FD FEDERAL 7-35D-6-19
Qtr/Qtr SENE Section 35 Township 6S Range 19E
Lease Serial Number UTU85590
API Number 43047539400000

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 7/13/2014 4:00 AM PM

BOPE

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

Date/Time _____ AM PM

Remarks RUN 5 1/2" PROD. CASING & CEMENT

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5.LEASE DESIGNATION AND SERIAL NUMBER: UTU85590	
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 FEDERAL 7-35D-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	
9. API NUMBER: 43047539400000	
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: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/6/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="border: 1px solid black;" type="text" value="SITE FACILITY DIAGRAM"/>

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

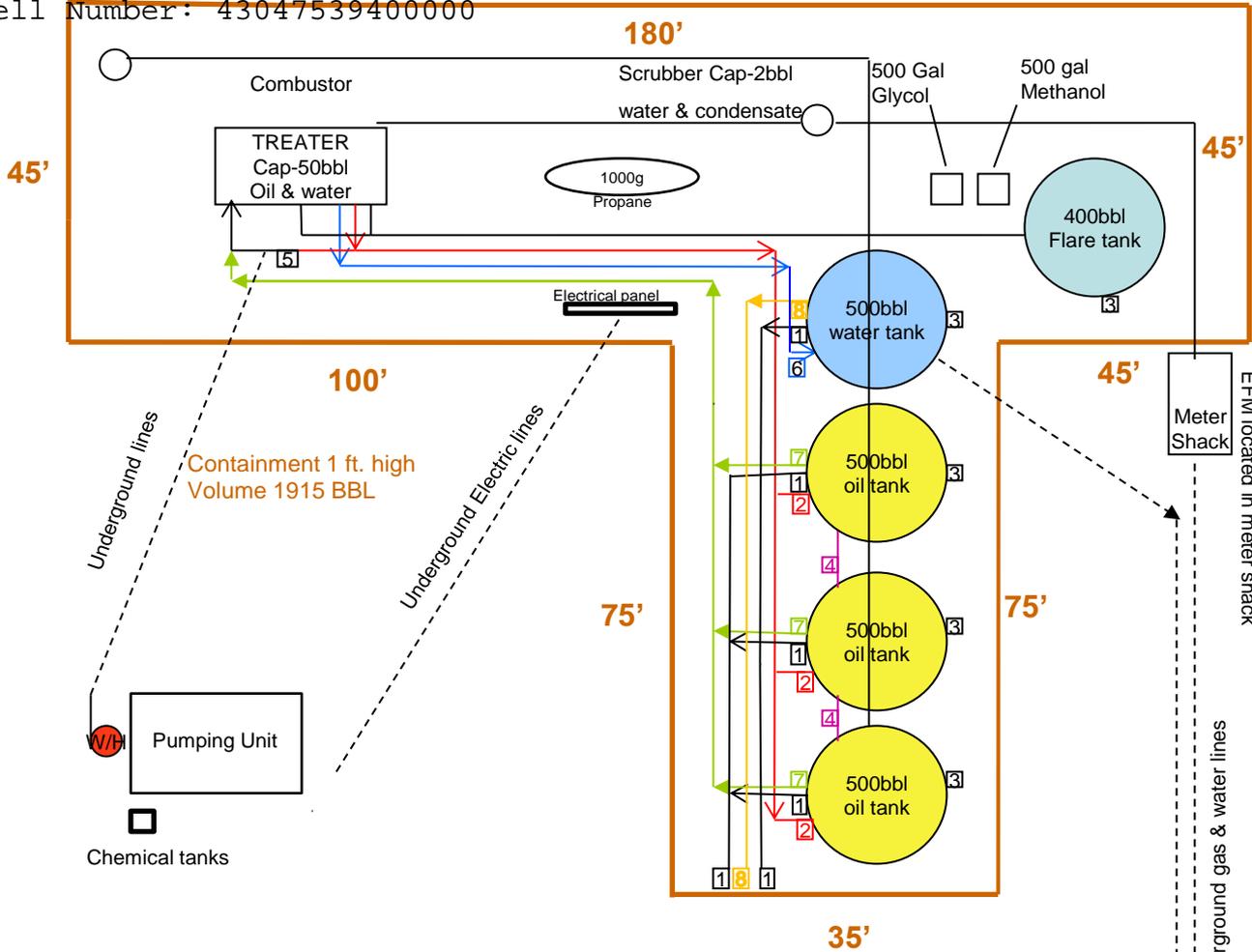
ATTACHED PLEASE FIND THE SITE FACILITY DIAGRAM/SECURITY PLAN FOR THIS WELL

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 07, 2014**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/6/2014	

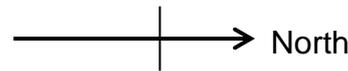
BILL BARRETT CORPORATION
 FD Federal 7-35D-6-19
 SE¼ NE¼ SEC 35,T6S, R19E,
 Lease # UTU 85590
 API # 43-047-53940
 Uintah Co. Utah

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
- Not sealed

Surface Drainage to South & East in to dry drainages.



Entrance

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

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: UTU85590
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD FEDERAL 7-35D-6-19
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047539400000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 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 type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/31/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is the July 2014 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 11, 2014		
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 8/5/2014	

**FD 07-35D-6-19 7/2/2014 14:00 - 7/3/2014 06:00**

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
14:00	6.00	20:00	14	NIPPLE UP B.O.P	NIPPLE B.O.P.
20:00	1.00	21:00	21	OPEN	INSTALL BOOM, RIG UP FLARE LINES
21:00	3.00	00:00	15	TEST B.O.P	TEST B.O.P.
00:00	3.00	03:00	8	REPAIR RIG	X/O PIPE RAM SEALS
03:00	3.00	06:00	15	TEST B.O.P	TEST B.O.P.

FD 07-35D-6-19 7/3/2014 06:00 - 7/4/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	15	TEST B.O.P	TEST B.O.P.
08:30	0.50	09:00	7	LUBRICATE RIG	RIG SERVICE
09:00	5.00	14:00	8	REPAIR RIG	WORK ON GETTING BLIND RAM DOOR OPEN TO CHANGE GASKET AND SEALS
14:00	1.50	15:30	15	TEST B.O.P	FINISH TESTING B.O.P. TEST LOWER KELLY VALVE, SAFETY VALVE, PIPE RAMS INSIDE VALVES, HCR, OUTSIDE KILL LINE VALVES, CHOKE LINE, CHECK VALVE, UPRIGHT GAGE VALVE, BLIND RAMS, AND INSIDE MANIFOLD VALVES ALL TO 5000PSI FOR 10 MIN. - TEST ANNULAR TO 1500PSI - TEST CSG TO 1500PSI FOR 30MIN. TESTED USING B&C QUICK TEST.
15:30	2.00	17:30	20	DIRECTIONAL WORK	PICK UP DIRECTIONAL TOOLS
17:30	0.50	18:00	6	TRIPS	TIH
18:00	0.50	18:30	20	DIRECTIONAL WORK	WAIT ON MWD, MISSING PARTS
18:30	1.00	19:30	6	TRIPS	TIH
19:30	1.00	20:30	9	CUT OFF DRILL LINE	SLIP AND CUT 70' DRILL LINE
20:30	0.50	21:00	6	TRIPS	TIH, TAG CEMENT
21:00	1.50	22:30	2	DRILL ACTUAL	DRILL CEMENT, FLOAT, SHOE, AND 20' OF NEW HOLE
22:30	0.50	23:00	15	TEST B.O.P	PUMP 20BBLs LCM PILL, PULL UP INTO SHOE, RUN EMW TEST AT 130PSI, LOST 3 PSI IN 5 MIN.
23:00	7.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/1243' - T/2009' - 766' @ 109.4'/HR, WOB=8K, RPM = 54, 550 GPM, 1430 PSI

FD 07-35D-6-19 7/4/2014 06:00 - 7/5/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	DRILL ACTUAL F/2009' - T/3485' - 1476' @ 134.2'/HR. WOB=12K, RPM=55, 545 GPM, 1775PSI
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE
17:30	2.00	19:30	2	DRILL ACTUAL	DRILL ACTUAL F/3485' - T/3738' - 253' @ 126.5'/HR. WOB=12K, 55RPM, 550GPM, 1800PSI
19:30	1.50	21:00	8	REPAIR RIG	WORK ON SWIVEL MOTOR
21:00	9.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/3738' - T/4371' - 633' @ 70.3'/HR. WOB=18K, RPM=50, 550GPM, 2100PSI

FD 07-35D-6-19 7/5/2014 06:00 - 7/6/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	2	DRILL ACTUAL	DRILL ACTUAL F/4371' - T/4750' - 379' @ 75.8'/HR. WOB=22K, 40RPM, 540GPM, 2010PSI
11:00	0.50	11:30	7	LUBRICATE RIG	RIG SERVICE
11:30	0.50	12:00	8	REPAIR RIG	ADJUSTED BRAKES
12:00	0.50	12:30	2	DRILL ACTUAL	DRILL ACTUAL F/4750' - T/4794' - 44' @ 88'/HR.
12:30	2.50	15:00	8	REPAIR RIG	READJUSTED BRAKES, CHANGED OUT 4" VALVE ON STANDPIPE
15:00	15.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/4794' - T/5214' - 420' @ 28'/HR. WOB=22K, RPM=65, 475GPM, 1645PSI

**FD 07-35D-6-19 7/6/2014 06:00 - 7/7/2014 06:00**

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL F/5214' - T/5467' - 253' @ 24.1'/HR. WOB = 25K, 65RPM, 460GPM, 1630PSI
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE, CHANGE OUT SWIVEL MOTOR
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5467' - T/5762' - 295' @ 22.7'/HR. WOB=25K, 65RPM, 525GPM, 1940PSI

FD 07-35D-6-19 7/7/2014 06:00 - 7/8/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	DRILL ACTUAL F/5762' - T/5771'
06:30	0.50	07:00	20	DIRECTIONAL WORK	DOWN LINK MWD TOOL
07:00	9.50	16:30	2	DRILL ACTUAL	DRILL ACTUAL F/5771' - T/5973' - 202' @ 21.3'/HR. WOB=26K, RPM=65, 540GPM, 2050PSI
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5973' - T/6352' - 379' @ 29.2'/HR. WOB=27K, RPM=65, 475GMP, 1750PSI

FD 07-35D-6-19 7/8/2014 06:00 - 7/9/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	DRILL ACTUAL F/6352' - T/6647' - 295' @ 29.5'/HR. WOB=25K, RPM=65, 480GPM, 2035PSI
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	13.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/6647' - T/6942' - 295' @ 21.9'/HR. WOB= 23K, RPM=65, 525GPM, 2360PSI

FD 07-35D-6-19 7/9/2014 06:00 - 7/10/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	DRILL ACTUAL F/6942' - T/7280' - 338' @ 33.8'/HR. WOB=26K, RPM=65, 540GPM, 2650PSI
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	13.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/7280' - T/7954' - 674' @ 50'/HR. WOB=24K, RPM=65, 540GPM, 2650PSI

FD 07-35D-6-19 7/10/2014 06:00 - 7/11/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.00	17:00	2	DRILL ACTUAL	DRILL ACTUAL F/7954' - T/8333' - 379' @ 34.5'/HR. WOB=28K, RPM=65, 550GPM, 2925PSI
17:00	0.50	17:30	7	LUBRICATE RIG	RIG SERVICE, CHANGE OUT SWIVEL MOTORS FOR HIGHER TORQUE AND LESS RPM
17:30	0.50	18:00	21	OPEN	FINISH CHANGING SWIVEL MOTORS
18:00	9.00	03:00	2	DRILL ACTUAL	DRILL ACTUAL F/8333' - T/8511' - 178' @ 19.8'/HR. WOB=28K, RPM=50, 545GPM, 2890PSI
03:00	1.50	04:30	5	COND MUD & CIRC	PUMP HIGH VIS SWEEP, CIRCULATE, PULL 5 JTS DP WET
04:30	1.00	05:30	21	OPEN	CHANGE BACK TO ORIGINAL SWIVEL MOTORS FOR BIT TRIP
05:30	0.50	06:00	5	COND MUD & CIRC	PUMP SLUG

FD 07-35D-6-19 7/11/2014 06:00 - 7/12/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	TOOH FOR BIT CHANGE
09:30	2.50	12:00	5	COND MUD & CIRC	CIRCULATE & WORK TIGHT SPOT FROM 4894' TO 4920'
12:00	3.50	15:30	6	TRIPS	FINISH TOOH
15:30	2.00	17:30	20	DIRECTIONAL WORK	L/D DIRECTIONAL TOOLS, PICK UP NEW BIT AND MOTOR
17:30	6.50	00:00	6	TRIPS	TIH
00:00	0.50	00:30	6	TRIPS	TIH, WASH LAST 45' TO BOTTOM
00:30	5.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/8511' - T/8657' - 146' @ 26.5'/HR. WOB=23K, RPM=65, 550GPM, 2800PSI

FD 07-35D-6-19 7/12/2014 06:00 - 7/13/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53940	Utah	Uintah	Fort Duchesne	COMPLETION	8,950.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	2	DRILL ACTUAL	DRILL ACTUAL F/8657' - T/8910' - 253' @ 25.3'/HR. WOB=23K, RPM=60, 480GPM, 2500PSI
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE, CHANGE OIL IN RIG MOTOR
16:30	1.50	18:00	2	DRILL ACTUAL	DRILL ACTUAL F/8910' - T/8950' = TD - 40' @ 26.6'/HR. WOB=23K, 55RPM, 480GPM, 2500PSI
18:00	1.50	19:30	5	COND MUD & CIRC	PUMP HIGH VIS SWEEP, CIRCULATE, PULL 5 JTS WET, PUMP SLUG
19:30	3.00	22:30	6	TRIPS	SHORT TRIP TO 7000', BACK TO BOTTOM, WASH LAST 20'
22:30	1.50	00:00	5	COND MUD & CIRC	PUMP HIGH VIS SWEEP, CIRCULATE, PULL 5 JTS WET, PUMP SLUG
00:00	6.00	06:00	6	TRIPS	TOOH/LDDP

FD 07-35D-6-19 7/13/2014 06:00 - 7/14/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53940	Utah	Uintah	Fort Duchesne	COMPLETION	8,950.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	6	TRIPS	TOOH FOR CASING
06:30	0.50	07:00	7	LUBRICATE RIG	RIG SERVICE, TIGHTEN BOLTS ON SWIVEL MOTOR
07:00	1.50	08:30	6	TRIPS	FINISH TOOH
08:30	1.00	09:30	20	DIRECTIONAL WORK	LAY DOWN DIRECTIONAL TOOLS
09:30	11.50	21:00	12	RUN CASING & CEMENT	PULL WEAR BUSHING, RIG UP TO RUN CASING, RUN 201 JTS 5 1/2" 17# I-80 LT&C PROD. CASING W/2 MARKERS AND 88 CENTRALIZERS
21:00	2.50	23:30	5	COND MUD & CIRC	CIRCULATE, RECIPROCATATE PIPE TO GET GOOD RETURNS
23:30	2.00	01:30	5	COND MUD & CIRC	CIRCULATE AND RECIPROCATATE PIPE WITH GOOD RETURNS
01:30	4.00	05:30	12	RUN CASING & CEMENT	R/U CEMENT EQUIPMENT - S/M - Cement prod csg as follows: Press test lines to 5000 psi. Pump 40 bbls Tuned Spacer III @ 10.0LBM/GAL, Pump 5bbls water spacer, Pump 20bbls Super Flush @ 10ppg, Pump 5bbls water spacer, Shutdown, Mix and pump 171BBLS (555 sx) Lead Tuned Lite cmt @ 11 ppg, 2.34 yld, 10.10 gps H2O, Pump 245 BBLS Tail (725 sx) Econocem cmt @ 13.5 ppg, 1.45 yld, 6.91 gps H2O. Shutdown, Drop Plug. Displace w/204 bbls H2O w/Cla-web & Aldacide. Floats Held 2 bbls back, 10bbs Cement to surface, R/D Halliburton
05:30	0.50	06:00	12	RUN CASING & CEMENT	FLUSH CEMENT OUT OF BOP, SET PACKOFF

FD 07-35D-6-19 7/14/2014 06:00 - 7/15/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53940	Utah	Uintah	Fort Duchesne	COMPLETION	8,950.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	14	NIPPLE UP B.O.P	NIPPLE DOWN, CLEAN MUD TANKS, RIG RELEASE @ 10:00HRS.

FD 07-35D-6-19 7/15/2014 06:00 - 7/16/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53940	Utah	Uintah	Fort Duchesne	COMPLETION	8,950.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	GOP	General Operations	N/D 11" NITE CAP. N/U 7" 5K TBG HEAD & TEST VOID AND SEALS. N/U 7" NITE CAP. SWI
09:00	21.00	06:00	LOCL	Lock Wellhead & Secure	LOCK AND SECURE WELL

**FD 07-35D-6-19 7/17/2014 06:00 - 7/18/2014 06:00**

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00			HSM MIRU HES LOGGING. RIH W/ GR/JB TO TAG FILL AT 8828'. DRLG SHOWS FC AT 8848' (20' FILL). RUN RMT/RBL LOG. SHOWS GOOD CMT TD TO 4250' FAIR CMT 4250'-2100'. TOC EST AT 2100'. SHORT JOINTS AT 7196'-7220' & 7927'-7951' RDMO HES.
16:00	14.00	06:00			LOCK AND SECURE WELL

FD 07-35D-6-19 7/28/2014 06:00 - 7/29/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HEAT FRAC LINE 28 TANKS. HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 7" 5K X 5" 10K FRAC MANDREL. NU 5" 10K FRAC VALVES. PRES TEST CSG TO 6200 PSI, TEST FB EQUIP TO 2500/4500 PSI. ALL TEST GOOD. SECURE WELL.

FD 07-35D-6-19 7/29/2014 06:00 - 7/30/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	---------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	CTRL	Crew Travel	CREW TRAVEL. ARRIVED ON LOC @ 6:00 HSM.
06:30	1.00	07:30	SRIG	Rig Up/Down	MIRU CASED HOLE SOLUTIONS WITH 5" 10K LUBE.
07:30	1.50	09:00	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 0 PSI. RIH AND CORRELATE TO SJ AT 7196'-7220' & 7927'-7951'. RUN DOWN & PERF 8441'-8797' WITH 51 HOLES IN 17' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
09:00	3.00	12:00	SRIG	Rig Up/Down	RU HES FRAC FLEET.
12:00	18.00	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: UTU85590
		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 FEDERAL 7-35D-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047539400000	
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: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 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: 8/1/2014	<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 checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> 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.		
THIS WELL HAD FIRST PRODUCTION ON 8/1/14 AND FIRST GAS SALES ON 8/3/14.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 18, 2014		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/4/2014	

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: UTU85590
		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 FEDERAL 7-35D-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047539400000
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: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 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: 8/31/2014	<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 August 2014 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 03, 2014		
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 9/3/2014	

**FD 07-35D-6-19 8/1/2014 06:00 - 8/2/2014 06:00**

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	CREWE TRAVEL. HSM. WELL FLOWING 400 PSI ON 11/64" CHOKE.	
07:00	5.00	12:00	DOPG	Drill Out Plugs	RIH W/ TBG. PU PWR SWIVEL. EST CIRC. D/O PLUGS CBP #3 AT 8056'. C/O 20' SAND. D/O PLUG. FCP 850 PSI ON 18/64". RIH CBP #4 AT 8424'. C/O 150' SAND (HAD TO OPEN CHOKE AND INCREASE PUMP RATE TO C/O). D/O PLUG. FCP 725 PSI ON 24/64" CHOKE. FC AT 8849'. C/O 110'. D/O FC AND 36' CMT TO PBTS AT 8884'. CIRC CLEAN. RD PWR SWIVEL.	
12:00	1.00	13:00	PULT	Pull Tubing	POOH AS LD 53-JTS TBG.	
13:00	1.00	14:00	BOPR	Remove BOP's	LUBE IN HANGER. RD FLOOR. ND BOP. NU WH AND PLUMB IN. TBG DETAIL KB 13.00 HANGER .85 225-JTS 2-7/8" L-80 7157.34 XN NIPPLE 1.20 1-JT 2-7/8" L-80 31.83 POBS .65 EOT AT 7204.87'	
14:00	0.50	14:30	GOP	General Operations	PUMP OFF BIT AT 3400 PSI. FLUSH W/ 10 BBLS. FTP 650 PSI ON 20/64" CHOKE. SICP 700 PSI. TURN OVER TO FBC AND SALES.	
14:30	15.50	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL TURN TO PRODUCTION AND FBC.	

FD 07-35D-6-19 8/4/2014 06:00 - 8/5/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 8,950.0	Primary Job Type 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	0.50	07:30	HOIL	Hot Oil Well	FINISH PUMPING 150 BBLS HOT WTR DOWN TBG.	
07:30	1.00	08:30	BOPI	Install BOP's	ND WH. NU BOP. RU FLOOR.	
08:30	2.50	11:00	PULT	Pull Tubing	PULL HANGER. POOH W/ TBG AND POBS. LD POBS.	
11:00	2.00	13:00	RUTB	Run Tubing	PU PROD BHA AND RIH W/ TBG. SET 5-1/2" 8RD TAC. TBG DETAIL KB 13.00 HANGER .85 STRETCH 2.65 223-JTS 2-7/8" L-80 7093.63 5-1/2" 8 RD TAC 2.75 3-JTS 2-7/8" L-80 95.43 PSN 1.10 4' TBG SUB 4.15 3-1/2" DESANDER 17.20 5-JTS 2-7/8" L-80 159.05 BULL PLUG .75 TAC AT 7110.13', PSN AT 7208.31', EOT AT 7390.56'.	
13:00	0.50	13:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. LAND HANGER IN 19K TENSION. NU WH	
13:30	1.00	14:30	HOIL	Hot Oil Well	FLUSH TBG W/ 60 BBLS HOT WTR. X-O FOR RODS.	
14:30	1.50	16:00	GOP	General Operations	PREP RODS TO PU. RACK OUT EQUIP.	
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE FOR NIGHT	

FD 07-35D-6-19 8/5/2014 06:00 - 8/6/2014 06:00

API 43-047-53940	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 8,950.0	Primary Job Type Drilling & Completion
---------------------	------------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. FLUSH TBG W/ 70 BBL HOT WTR. HSM.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	4.00	11:00	RURP	Run Rods & Pump	PU AND PRIME PUMP. RIH W/ PMP AS PU RODS. SPACE OUT AND SEAT PUMP. ROD DETAIL 1-1/2" X 30' POLISH ROD 2', 6' X 1" PONY RODS 101) 7/8" 'D' 4 PER 148) 3/4" 'D' 4 PER 36) 1" 'D' 4 PER SHEAR CPLG 25-175-RHBC-20-5-21-24' PUMP
11:00	0.50	11:30	PTST	Pressure Test	FILL TBG W/ 1 BBL. STROKE TEST TO 800 PSI. GOOD.
11:30	1.00	12:30	SRIG	Rig Up/Down	HANG HEAD AND RODS ON. RDSU. TURN OVER TO PRODUCTION DEPT. (PIN UNIT TO LONG HOLE, BALANCE UNIT)
12:30	0.50	13:00	RMOV	Rig Move	ROAD RIG TO 3-29D-2-2
13:00	17.00	06:00	GOP	General Operations	WELL ON PRODUCTION.

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU85590

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 35 T6S R19E Mer UBM
At surface **SENE 1980FNL 660FEL**
At top prod interval reported below **SENE 1959FNL 1392FEL**
At total depth **SENE 2011FNL 1402FEL**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **FD 7-35D-6-19**

9. API Well No. **43-047-53940**

10. Field and Pool, or Exploratory **UNDESIGNATED**

11. Sec., T., R., M., or Block and Survey or Area **Sec 35 T6S R19E Mer UBM**

12. County or Parish **DUCHESNE** 13. State **UT**

14. Date Spudded **06/02/2014** 15. Date T.D. Reached **06/30/2014** 16. Date Completed **08/01/2014**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* **4976 GL**

18. Total Depth: MD **8950** TVD **8900** 19. Plug Back T.D.: MD **8850** TVD **8800** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **MUD,CBL,TRIPLE COMBO**

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

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24.000	16.000 COND	65.0		80	80				
12.250	8.625 J-55	24.0		1243	1231	660	206	4276	
7.875	5.500 I-80	17.0		8950	8939	1280	416		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8797							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	7309	8797	7309 TO 8797	0.380	177	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7309 TO 8797	GREEN RIVER SEE STAGES 1-4

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/01/2014	08/10/2014	24	→	163.0	27.0	112.0	32.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI 400	200.0	→	163	27	112	166	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #259799 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	5023
				MAHOGANY	6101
				TGR3	7244
				DOUGLAS CREEK	7388
				BLACK SHALE FACIES	7957
				CASTLE PEAK	8060
				UTELAND BUTTE	8320
				WASATCH	9002

32. Additional remarks (include plugging procedure):

TOC was calculated by CBL, Conductor was cemented with grout. Attaches is the treatment data and logs. First gas was on 8/3/2014, first oil sales 8/11/2014.

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #259799 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal**

Name (please print) CHRISTINA HIRTLER Title PERMIT ANALYST

Signature (Electronic Submission) Date 09/02/2014

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

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

7-35D-6-19 FD Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>BBLs Slurry</u>	<u>lbs 100 Common Mesh</u>	<u>lbs 20/40 Prem White Sand</u>	<u>gal 15% HCl Acid</u>
1	3292	13600	143900	3900
2	3033	13100	145000	3900
3	3016	13800	144800	3900
4	2906	15540	148420	3900

*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 7-35D-6-19
Project:	Fort Duchesne	TVD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Site:	SECTION 35 T6S, R19E	MD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Well:	FD 7-35D-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 35 T6S, R19E		
Site Position:		Northing:	11,154,709.60 usft
From:	Lat/Long	Easting:	2,131,176.21 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 15' 23.160 N
		Longitude:	109° 44' 35.420 W
		Grid Convergence:	1.08 °

Well	FD 7-35D-6-19, SHL: 40° 15' 23.160 -109° 44' 35.420		
Well Position	+N/-S	0.0 usft	Northing: 11,154,709.60 usft
	+E/-W	0.0 usft	Easting: 2,131,176.21 usft
Position Uncertainty		0.0 usft	Wellhead Elevation: 4,990.0 usft
			Latitude: 40° 15' 23.160 N
			Longitude: 109° 44' 35.420 W
			Ground Level: 4,977.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/30/2014	10.82	65.95	52,132

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	267.62

Survey Program	Date 7/14/2014			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
1,286.0	8,950.0	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 7-35D-6-19
Project:	Fort Duchesne	TVD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Site:	SECTION 35 T6S, R19E	MD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Well:	FD 7-35D-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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1,286.0	1.10	136.50	1,285.9	-8.1	-9.0	8.5	0.09	0.09	0.00
1,371.0	0.31	295.32	1,370.9	-8.5	-9.4	8.9	1.64	-0.93	186.85
1,455.0	2.40	289.90	1,454.9	-6.6	-8.8	7.0	2.49	2.49	-6.45
1,539.0	4.20	286.51	1,538.7	-2.1	-7.3	2.4	2.15	2.14	-4.04
1,624.0	5.21	288.22	1,623.5	4.5	-5.2	-4.3	1.20	1.19	2.01
1,708.0	6.19	288.40	1,707.0	12.3	-2.6	-12.2	1.17	1.17	0.21
1,792.0	7.38	286.02	1,790.5	21.6	0.4	-21.7	1.46	1.42	-2.83
1,877.0	7.91	285.80	1,874.7	32.4	3.5	-32.5	0.62	0.62	-0.26
1,961.0	8.31	285.54	1,957.9	43.6	6.7	-43.9	0.48	0.48	-0.31
2,045.0	8.22	283.11	2,041.0	55.2	9.6	-55.6	0.43	-0.11	-2.89
2,130.0	8.40	277.80	2,125.1	67.2	11.9	-67.7	0.93	0.21	-6.25
2,214.0	8.09	276.81	2,208.2	79.0	13.4	-79.7	0.41	-0.37	-1.18
2,299.0	8.40	281.80	2,292.3	91.0	15.4	-91.7	0.92	0.36	5.87
2,383.0	8.40	277.12	2,375.4	103.0	17.4	-103.8	0.81	0.00	-5.57
2,467.0	8.40	271.43	2,458.5	115.1	18.3	-116.0	0.99	0.00	-6.77
2,552.0	7.91	270.73	2,542.7	127.2	18.5	-128.1	0.59	-0.58	-0.82
2,636.0	7.51	268.70	2,625.9	138.4	18.5	-139.3	0.58	-0.48	-2.42
2,720.0	6.98	268.53	2,709.3	149.0	18.2	-149.9	0.63	-0.63	-0.20
2,805.0	7.82	275.84	2,793.6	159.9	18.7	-160.8	1.48	0.99	8.60
2,889.0	7.60	275.40	2,876.8	171.1	19.8	-172.0	0.27	-0.26	-0.52
2,973.0	7.29	273.90	2,960.1	181.9	20.7	-182.9	0.44	-0.37	-1.79
3,058.0	7.50	271.70	3,044.4	192.8	21.2	-193.8	0.41	0.25	-2.59
3,142.0	6.98	269.41	3,127.7	203.3	21.3	-204.4	0.71	-0.62	-2.73
3,226.0	7.20	269.10	3,211.1	213.7	21.2	-214.8	0.27	0.26	-0.37
3,311.0	7.69	271.70	3,295.3	224.7	21.3	-225.8	0.70	0.58	3.06
3,395.0	8.62	276.72	3,378.5	236.5	22.2	-237.6	1.39	1.11	5.98



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-35D-6-19
Project:	Fort Duchesne	TVD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Site:	SECTION 35 T6S, R19E	MD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Well:	FD 7-35D-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)
3,479.0	8.48	276.81	3,461.6	248.8	23.6	-250.0	0.17	-0.17	0.11
3,564.0	8.71	275.53	3,545.6	261.4	25.0	-262.7	0.35	0.27	-1.51
3,648.0	8.62	274.43	3,628.7	274.0	26.1	-275.3	0.22	-0.11	-1.31
3,732.0	8.62	268.04	3,711.7	286.5	26.4	-287.8	1.14	0.00	-7.61
3,817.0	8.22	266.65	3,795.8	298.9	25.8	-300.3	0.53	-0.47	-1.64
3,901.0	7.91	267.03	3,879.0	310.7	25.1	-312.0	0.37	-0.37	0.45
3,985.0	7.29	267.91	3,962.2	321.8	24.7	-323.1	0.75	-0.74	1.05
4,070.0	6.98	266.10	4,046.6	332.4	24.1	-333.7	0.45	-0.36	-2.13
4,154.0	7.38	269.63	4,129.9	342.9	23.7	-344.2	0.71	0.48	4.20
4,238.0	8.00	273.24	4,213.1	354.1	24.0	-355.4	0.94	0.74	4.30
4,323.0	8.62	275.22	4,297.3	366.3	24.9	-367.7	0.80	0.73	2.33
4,407.0	8.31	274.12	4,380.3	378.6	25.9	-380.0	0.42	-0.37	-1.31
4,491.0	8.00	272.71	4,463.5	390.4	26.7	-391.9	0.44	-0.37	-1.68
4,576.0	7.51	272.80	4,547.7	401.8	27.2	-403.3	0.58	-0.58	0.11
4,660.0	6.89	269.80	4,631.0	412.4	27.5	-413.8	0.86	-0.74	-3.57
4,744.0	6.58	267.34	4,714.5	422.2	27.2	-423.7	0.50	-0.37	-2.93
4,829.0	5.79	263.02	4,799.0	431.3	26.5	-432.8	1.08	-0.93	-5.08
4,913.0	7.38	269.10	4,882.4	441.0	25.9	-442.4	2.06	1.89	7.24
4,997.0	7.38	269.01	4,965.7	451.7	25.7	-453.2	0.01	0.00	-0.11
5,082.0	6.72	268.31	5,050.1	462.2	25.4	-463.6	0.78	-0.78	-0.82
5,166.0	6.89	272.93	5,133.5	472.1	25.6	-473.6	0.68	0.20	5.50
5,250.0	7.29	276.63	5,216.8	482.4	26.4	-483.9	0.72	0.48	4.40
5,335.0	6.72	273.90	5,301.2	492.7	27.4	-494.2	0.78	-0.67	-3.21
5,419.0	7.29	276.41	5,384.6	502.8	28.3	-504.4	0.77	0.68	2.99
5,503.0	7.91	277.03	5,467.8	513.8	29.6	-515.5	0.74	0.74	0.74
5,588.0	6.81	273.90	5,552.1	524.6	30.7	-526.3	1.38	-1.29	-3.68
5,672.0	6.41	278.31	5,635.6	534.1	31.7	-535.9	0.77	-0.48	5.25



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-35D-6-19
Project:	Fort Duchesne	TVD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Site:	SECTION 35 T6S, R19E	MD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Well:	FD 7-35D-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)	
5,756.0	6.81	277.91	5,719.0	543.6	33.1	-545.5	0.48	0.48	-0.48	
5,840.0	7.38	273.81	5,802.4	553.9	34.1	-555.8	0.91	0.68	-4.88	
5,925.0	8.00	272.54	5,886.6	565.2	34.7	-567.1	0.76	0.73	-1.49	
6,009.0	7.20	271.43	5,969.9	576.3	35.1	-578.2	0.97	-0.95	-1.32	
6,093.0	6.98	271.21	6,053.2	586.6	35.4	-588.6	0.26	-0.26	-0.26	
6,178.0	7.60	271.60	6,137.6	597.4	35.6	-599.4	0.73	0.73	0.46	
6,262.0	7.29	267.42	6,220.8	608.3	35.5	-610.3	0.74	-0.37	-4.98	
6,346.0	7.60	265.93	6,304.1	619.1	34.9	-621.1	0.43	0.37	-1.77	
6,431.0	8.00	263.50	6,388.4	630.7	33.8	-632.6	0.61	0.47	-2.86	
6,515.0	7.29	261.52	6,471.6	641.8	32.4	-643.7	0.90	-0.85	-2.36	
6,599.0	7.82	263.90	6,554.9	652.8	31.0	-654.6	0.73	0.63	2.83	
6,684.0	8.48	265.43	6,639.0	664.8	29.9	-666.6	0.82	0.78	1.80	
6,768.0	8.00	263.41	6,722.1	676.8	28.7	-678.6	0.67	-0.57	-2.40	
6,852.0	7.82	268.70	6,805.3	688.4	27.9	-690.1	0.89	-0.21	6.30	
6,937.0	6.89	266.63	6,889.6	699.3	27.5	-701.0	1.14	-1.09	-2.44	
7,021.0	6.32	261.21	6,973.1	708.9	26.5	-710.6	1.00	-0.68	-6.45	
7,105.0	5.48	258.30	7,056.6	717.5	25.0	-719.1	1.06	-1.00	-3.46	
7,189.0	4.51	250.81	7,140.3	724.6	23.1	-726.2	1.39	-1.15	-8.92	
7,274.0	3.71	244.33	7,225.1	730.3	20.8	-731.8	1.09	-0.94	-7.62	
7,358.0	3.18	234.24	7,309.0	734.7	18.2	-736.1	0.96	-0.63	-12.01	
7,442.0	2.30	231.64	7,392.9	738.1	15.8	-739.3	1.06	-1.05	-3.10	
7,527.0	1.81	211.81	7,477.8	740.2	13.6	-741.4	1.01	-0.58	-23.33	
7,611.0	1.81	196.52	7,561.8	741.4	11.2	-742.5	0.57	0.00	-18.20	
7,695.0	1.68	208.73	7,645.7	742.4	8.9	-743.4	0.47	-0.15	14.54	
7,780.0	1.68	200.93	7,730.7	743.6	6.6	-744.5	0.27	0.00	-9.18	
7,864.0	1.59	193.52	7,814.7	744.4	4.3	-745.2	0.27	-0.11	-8.82	
7,948.0	1.59	174.53	7,898.6	744.6	2.1	-745.4	0.62	0.00	-22.61	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-35D-6-19
Project:	Fort Duchesne	TVD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Site:	SECTION 35 T6S, R19E	MD Reference:	FD 7-35D-6-19 @ 4990.0usft (CAPSTAR 328)
Well:	FD 7-35D-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey

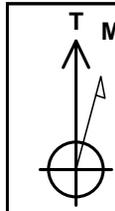
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
8,032.0	1.68	171.70	7,982.6	744.4	-0.3	-745.1	0.14	0.11	-3.37
8,117.0	1.68	165.63	8,067.6	744.1	-2.8	-744.6	0.21	0.00	-7.14
8,201.0	1.81	166.11	8,151.5	743.5	-5.2	-744.0	0.16	0.15	0.57
8,285.0	1.90	173.03	8,235.5	743.2	-7.9	-743.5	0.29	0.11	8.24
8,370.0	1.81	169.20	8,320.4	742.8	-10.6	-743.0	0.18	-0.11	-4.51
8,454.0	1.81	170.43	8,404.4	742.5	-13.2	-742.6	0.05	0.00	1.46
8,525.0	1.90	174.00	8,475.3	742.3	-15.5	-742.3	0.21	0.13	5.03
8,609.0	1.99	175.63	8,559.3	742.1	-18.4	-742.0	0.13	0.11	1.94
8,694.0	2.12	176.60	8,644.2	742.1	-21.4	-741.8	0.16	0.15	1.14
8,778.0	2.12	176.51	8,728.2	742.0	-24.5	-741.6	0.00	0.00	-0.11
8,862.0	1.99	179.60	8,812.1	742.0	-27.5	-741.5	0.20	-0.15	3.68
8,902.0	2.21	181.93	8,852.1	742.1	-29.0	-741.5	0.59	0.55	5.82
8,950.0	2.21	181.93	8,900.1	742.2	-30.8	-741.6	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

Sundry Number: 55073 API Well Number: 43047539400000

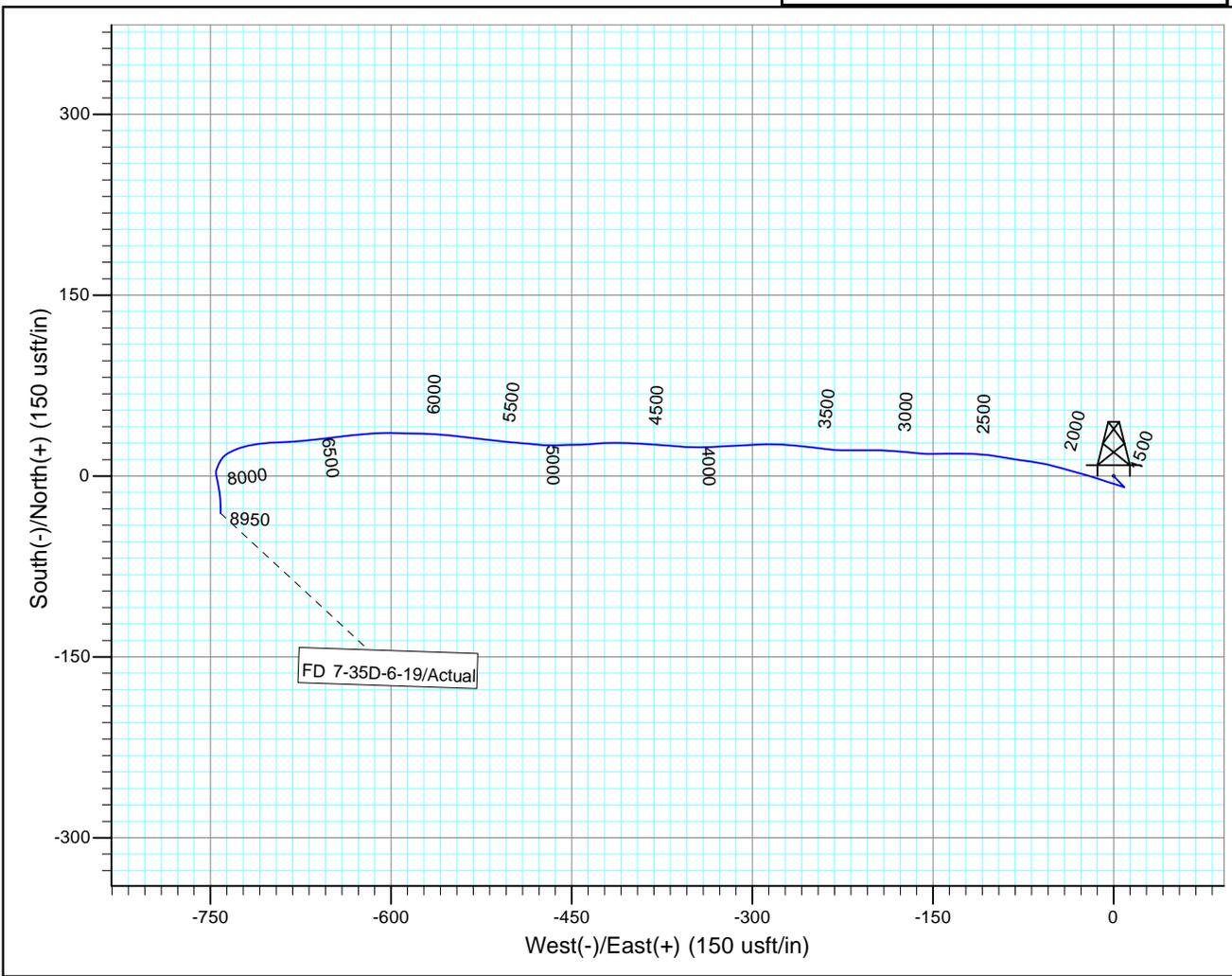
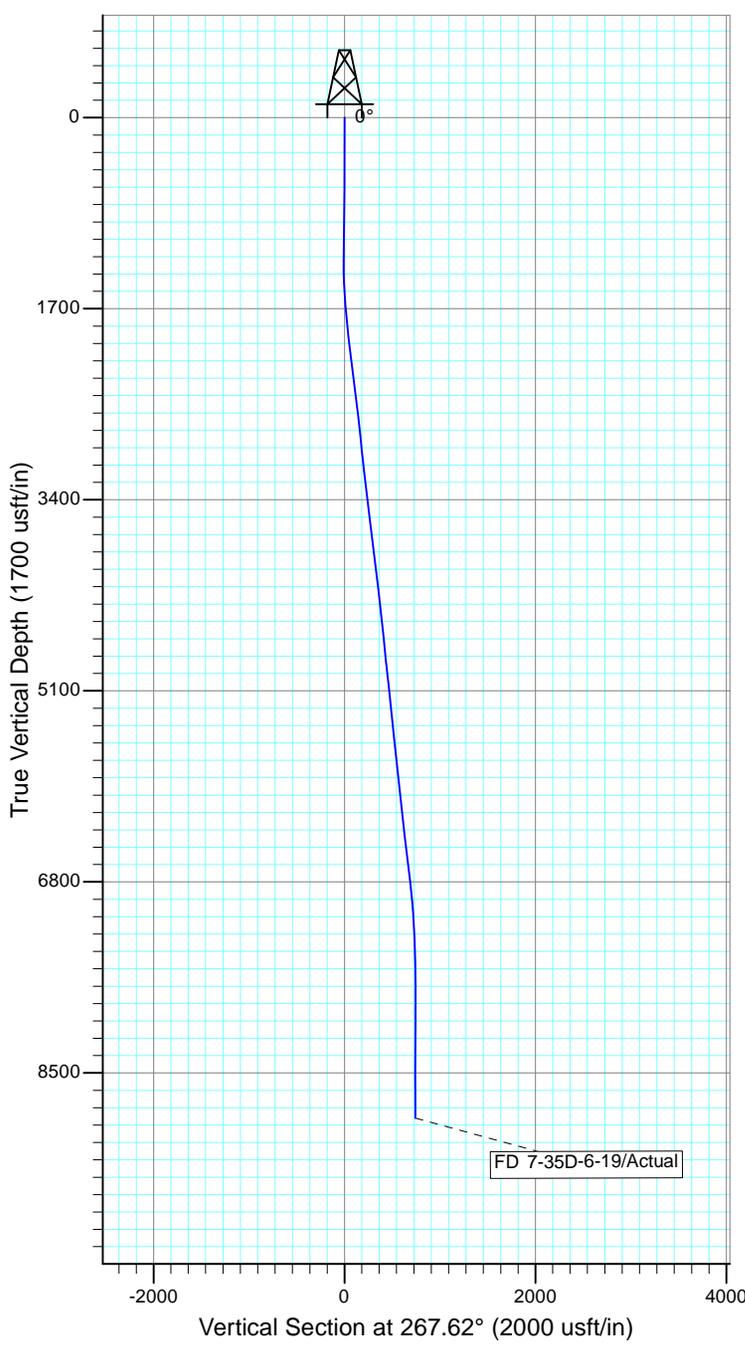


Project: Fort Duchesne
Site: SECTION 35 T6S, R19E
Well: FD 7-35D-6-19
Wellbore: Wellbore #1
Design: Actual



Azimuths to True North
Magnetic North: 10.82°

Magnetic Field
Strength: 52132.3snT
Dip Angle: 65.95°
Date: 6/30/2014
Model: IGRF2010



Design: Actual (FD 7-35D-6-19/Wellbore #1)

Created By: *Matthew Linton* Date: 11:50, July 14 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 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU85590
---	---

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 FEDERAL 7-35D-6-19
------------------------------------	--

2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047539400000
--	---

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: 1980 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 35 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/23/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="INTERIM REC COMPLETED"/>

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

INTERIM RECLAMATION WAS COMPLETED ON 10/23/2014 AND THE PIT WAS CLOSED ON 10/21/2014.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 January 08, 2015**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/6/2015	