

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 7-10-3-2					
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 WILDCAT					
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) fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Lever Ltd/JANE SPIRN						14. SURFACE OWNER PHONE (if box 12 = 'fee') 303-997-6956					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 29900 St. Andrews Road, pettysberg, oh 43551						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		1810 FNL 1378 FEL		SWNE	10	3.0 S	2.0 E	U			
Top of Uppermost Producing Zone		1810 FNL 1378 FEL		SWNE	10	3.0 S	2.0 E	U			
At Total Depth		1810 FNL 1378 FEL		SWNE	10	3.0 S	2.0 E	U			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 508			23. NUMBER OF ACRES IN DRILLING UNIT 40					
27. ELEVATION - GROUND LEVEL 4864			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1977			26. PROPOSED DEPTH MD: 9100 TVD: 9100					
			28. BOND NUMBER LMP4138148			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 - 1500	36.0	J-55 ST&C	9.4	Halliburton Light , Type Unknown		190	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
PROD	7.875	5.5	0 - 9100	17.0	P-110 LT&C	9.5	Unknown		700	2.31	11.0
							Unknown		360	1.42	13.5
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input 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 06/18/2013			EMAIL briley@billbarrettcorp.com					
API NUMBER ASSIGNED 43047538840000			APPROVAL			 Permit Manager					

BILL BARRETT CORPORATION
DRILLING PLAN

FD 7-10-3-2

SWNE, 1810' FNL and 1378' FEL, Section 10, T3S-R2E, USB&M (SURFACE HOLE)

SWNE, 1810' FNL and 1378' FEL, Section 10, T3S-R2E, USB&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/TVD</u>
Green River	4,542'
TGR3*	6,826'
Douglas Creek	6,982'
Black Shale	7,662'
Castle Peak	7,746'
Uteland Butte	8,020'
Wasatch*	8,542'
TD	9,100'

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

Base of Useable Water = 2422'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1500'	No pressure control required (may pre-set 9-5/8" with smaller rig)*
1500' – 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	1500'	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 7-10-3-2
 Uintah County, Utah

5. **Cementing Program**

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 190 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 @ 1,000'
5 1/2" Production Casing	Lead: 700 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,000' Tail: 360sx 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 @ 7162'

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> (API filtrate)	<u>Remarks</u>
0' – 1500'	8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1500' – 5500'	9.2 - 9.4	26 – 36	NC	Freshwater Spud Mud Fluid System
5500' – TD	9.4 - 9.5	42 – 56	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 4495 psi* and maximum anticipated surface pressure equals approximately 2493 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 7-10-3-2
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: December 2013
Spud: December 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 7-10-3-2

Surface Hole Data:

Total Depth:	1,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	548.1	ft ³
Lead Fill:	1,000'	
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:	190
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	1,000'	

# SK's Tail:	210
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Production Hole Data:

Total Depth:	9,100'
Top of Cement:	1,000'
Top of Tail:	7,162'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1601.4	ft ³
Lead Fill:	6,162'	
Tail Volume:	503.7	ft ³
Tail Fill:	1,938'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	700
# SK's Tail:	360

FD 7-10-3-2 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1000' - 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: 1,000'
	Volume: 97.61 bbl
	Proposed Sacks: 190 sks
Tail Cement - (TD - 1000')	
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: 1,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (7162' - 1000')	
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: 1,000'
	Calculated Fill: 6,162'
	Volume: 285.20 bbl
	Proposed Sacks: 700 sks
Tail Cement - (9100' - 7162')	
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: 7,162'
	Calculated Fill: 1,938'
	Volume: 89.71 bbl
	Proposed Sacks: 360 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

F. Miscellaneous Information:

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

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

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T3S, R2E, U.S.B.&M.

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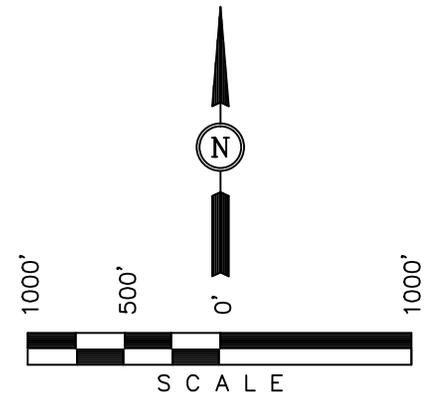
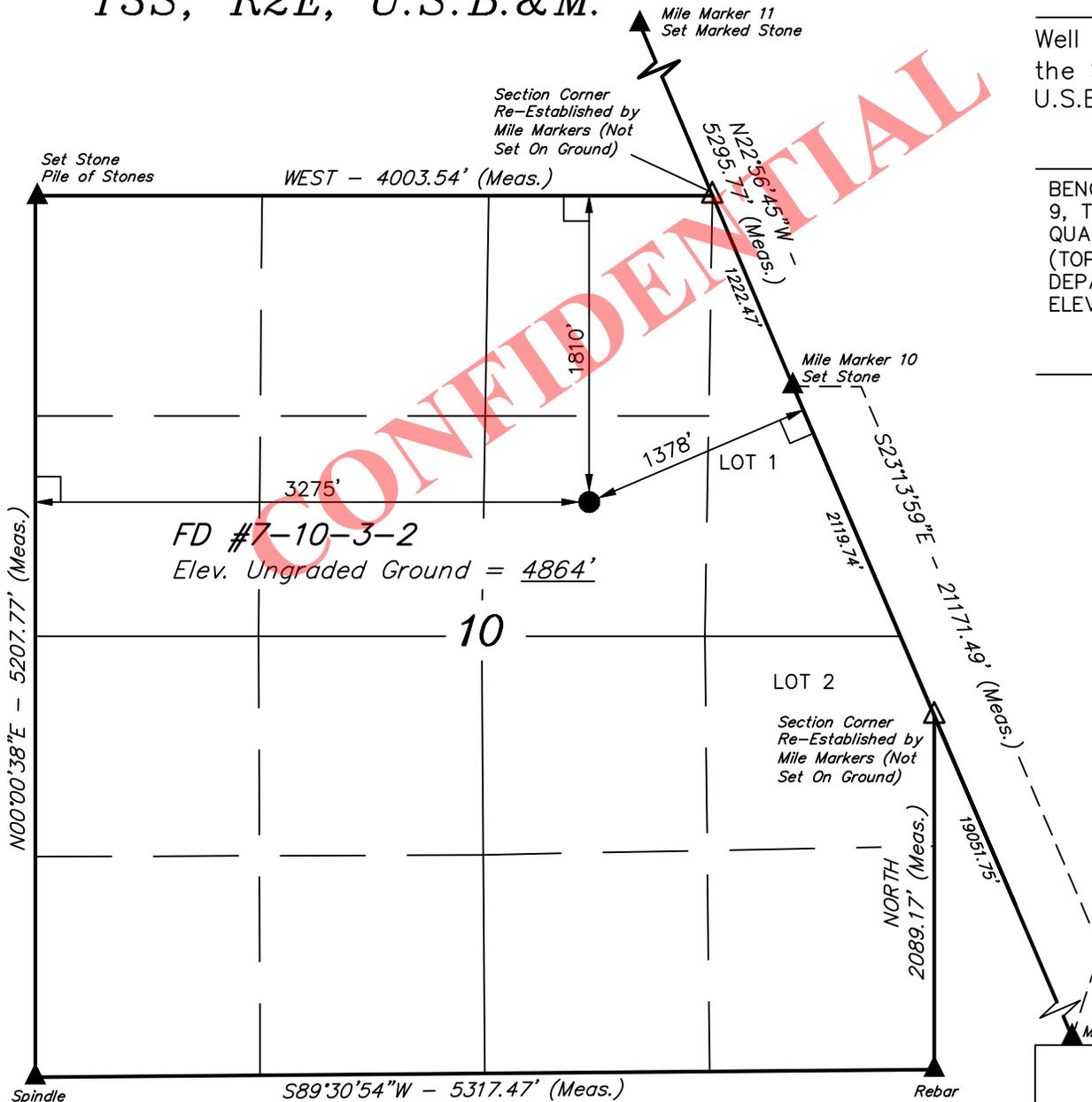
Well location, FD #7-10-3-2, located as shown in the SW 1/4 NE 1/4 of Section 10, T3S, R2E, U.S.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE

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

Robert KAV
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 05-21-13

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

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°14'19.22" (40.238672)
LONGITUDE	= 109°45'10.62" (109.752950)
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°14'19.36" (40.238711)
LONGITUDE	= 109°45'08.11" (109.752253)

SCALE 1" = 1000'	DATE SURVEYED: 05-10-13	DATE DRAWN: 5-13-13
PARTY C.R. A.W. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

RECEIVED: June 18, 2013

BILL BARRETT CORPORATION

FD #7-10-3-2

LOCATED IN UINTAH COUNTY, UTAH
SECTION 10, T3S, R2E, U.S.B.&M.

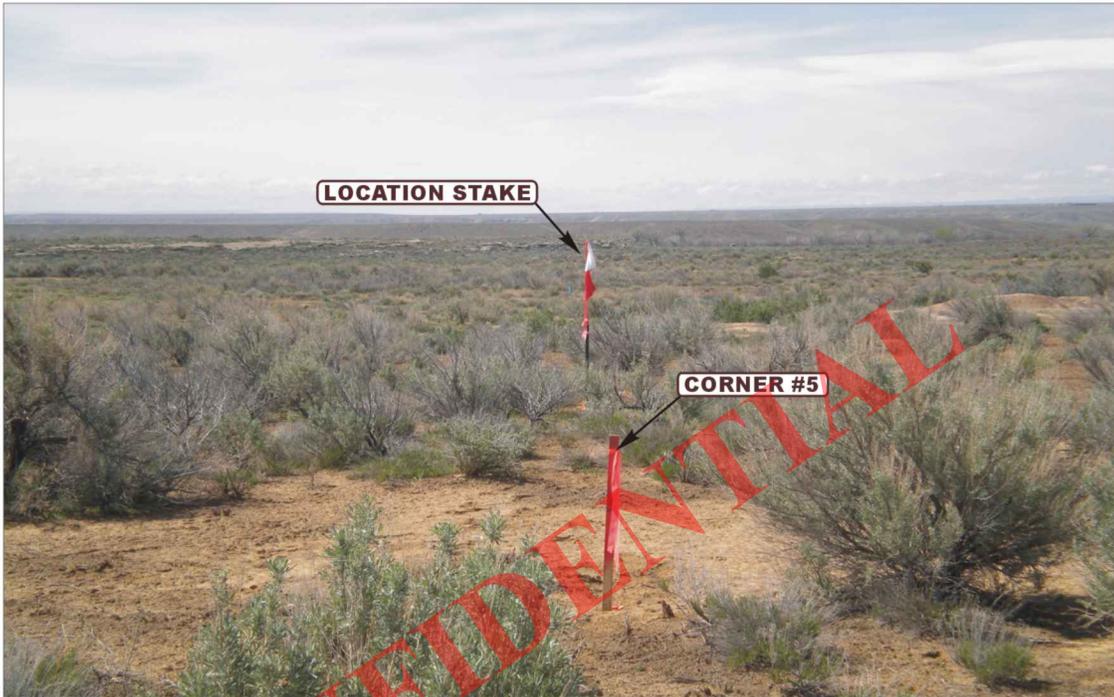


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



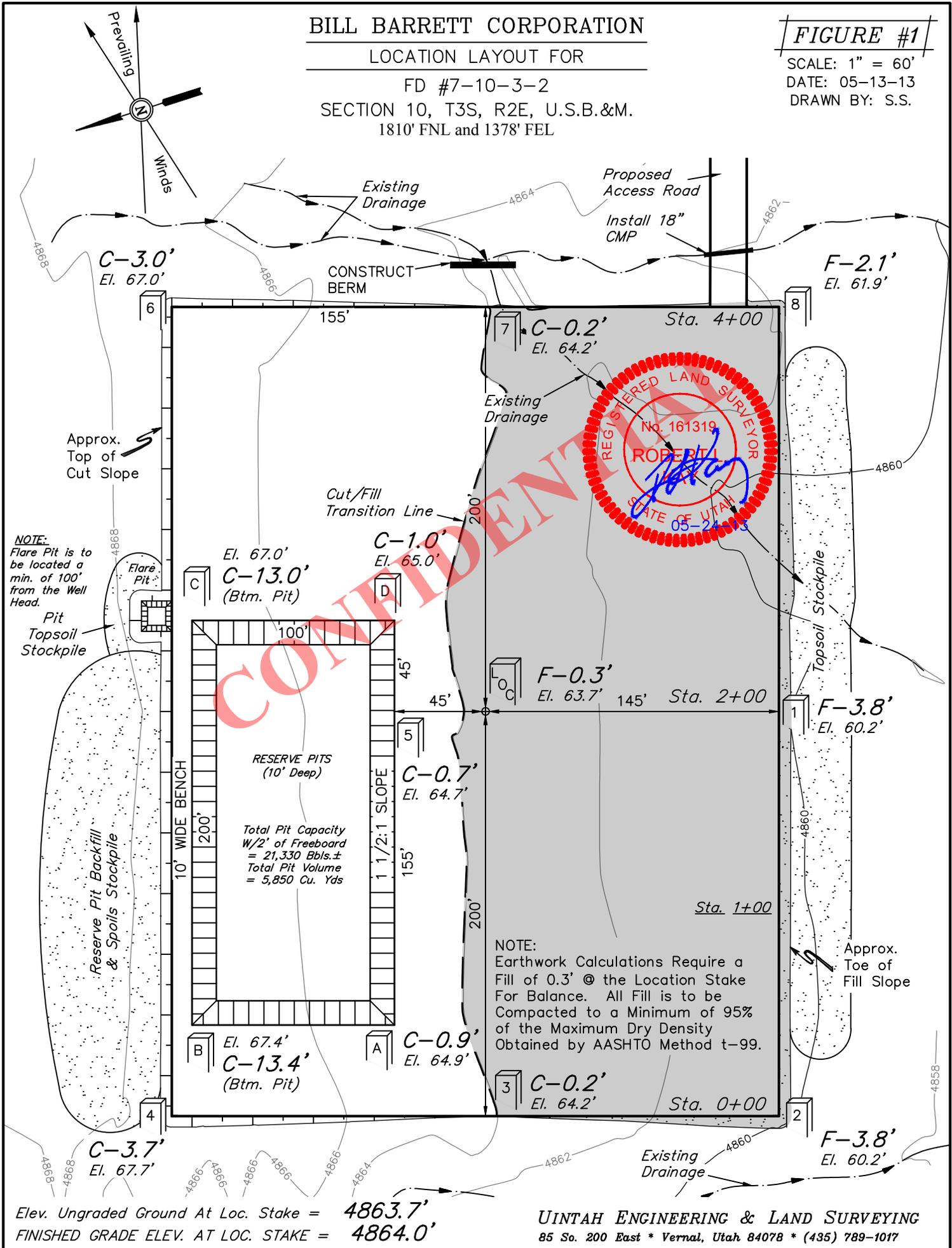
- Since 1964 -

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

LOCATION PHOTOS	05	17	13	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: C.R.	DRAWN BY: S.O.		REVISED: 00-00-00	

BILL BARRETT CORPORATION
 LOCATION LAYOUT FOR
 FD #7-10-3-2
 SECTION 10, T3S, R2E, U.S.B.&M.
 1810' FNL and 1378' FEL

FIGURE #1
 SCALE: 1" = 60'
 DATE: 05-13-13
 DRAWN BY: S.S.



Elev. Ungraded Ground At Loc. Stake = **4863.7'**
 FINISHED GRADE ELEV. AT LOC. STAKE = **4864.0'**

NOTE:
 Earthwork Calculations Require a Fill of 0.3' @ the Location Stake For Balance. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.

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

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

FD #7-10-3-2

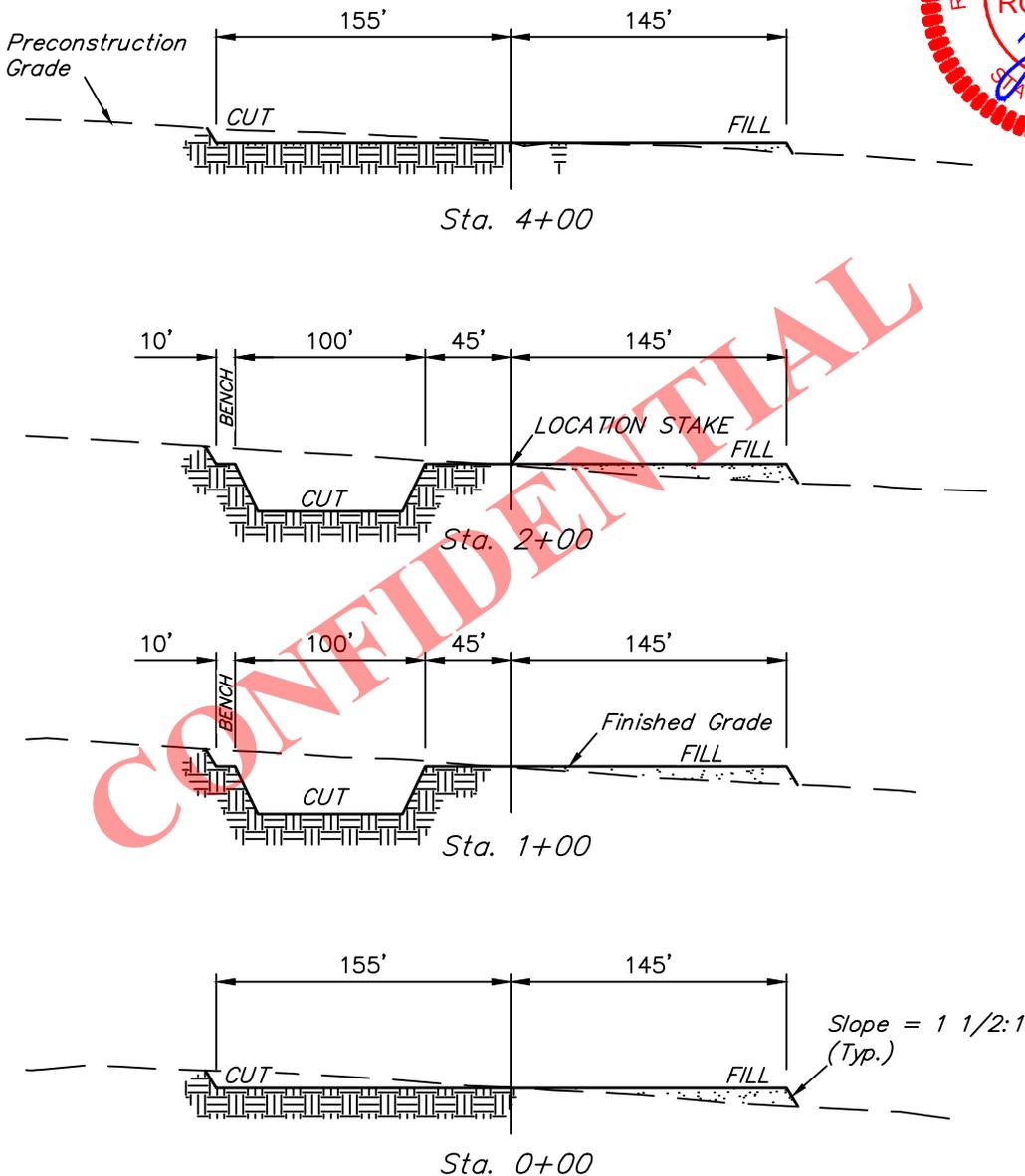
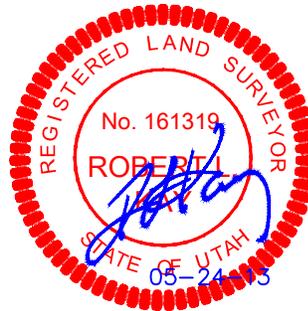
SECTION 10, T3S, R2E, U.S.B.&M.

1810' FNL and 1378' FEL

FIGURE #2

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

DATE: 05-13-13
DRAWN BY: S.S.



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APPROXIMATE ACREAGE

WELL SITE DISTURBANCE	= ± 4.836 ACRES
ACCESS ROAD DISTURBANCE	= ± 1.463 ACRES
PIPELINE DISTURBANCE	= ± 1.503 ACRES
TOTAL	= ± 7.802 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 2,340 Cu. Yds.
Remaining Location	= 9,030 Cu. Yds.
TOTAL CUT	= 11,370 CU. YDS.
FILL	= 6,100 CU. YDS.

EXCESS MATERIAL	= 5,270 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,270 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

FD #7-10-3-2

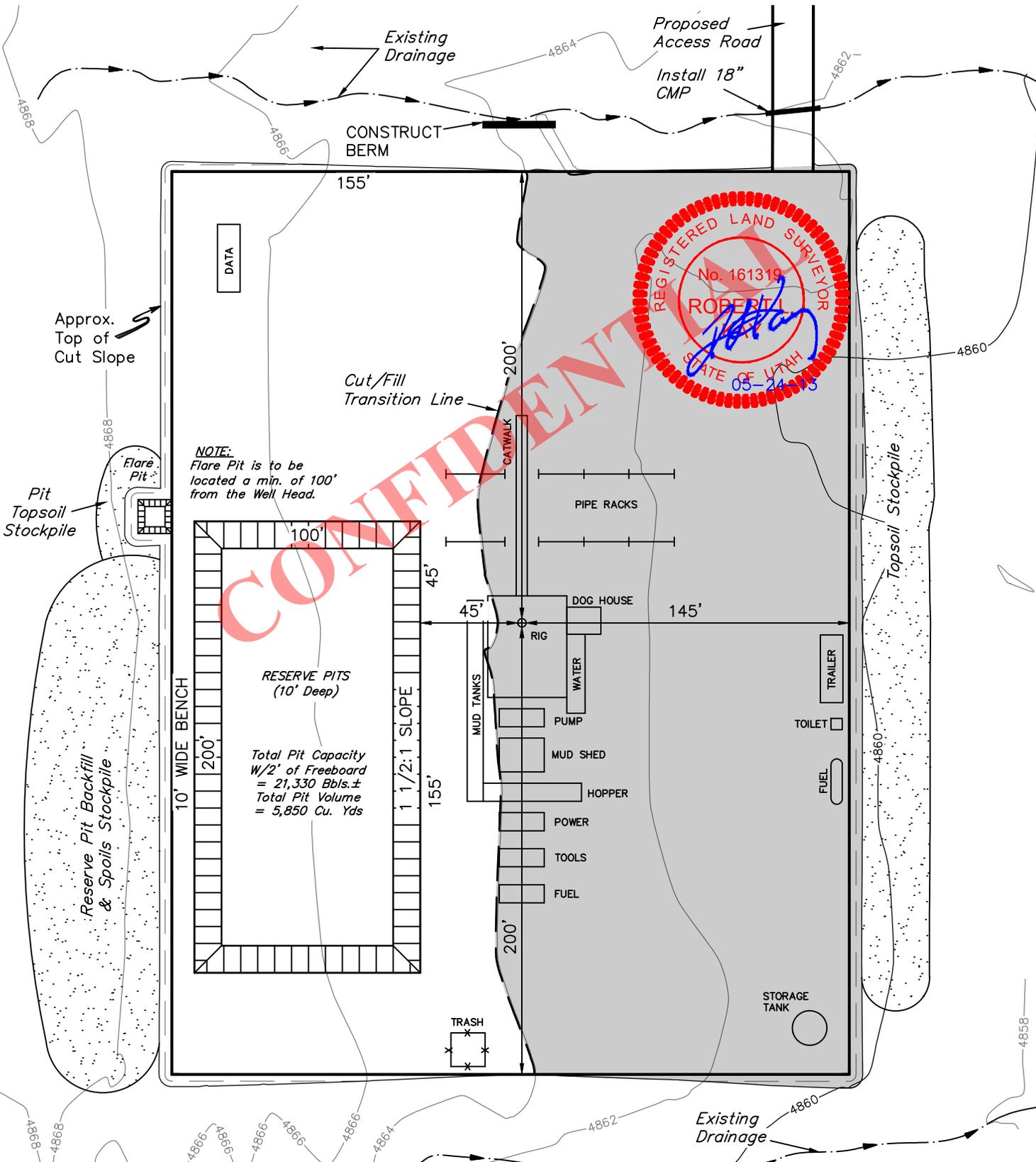
SECTION 10, T3S, R2E, U.S.B.&M.
1810' FNL and 1378' FEL

FIGURE #3

SCALE: 1" = 60'

DATE: 05-13-13

DRAWN BY: S.S.



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REGISTERED LAND SURVEYOR
 No. 161319
 ROBERT [Signature]
 STATE OF UTAH
 05-24-13

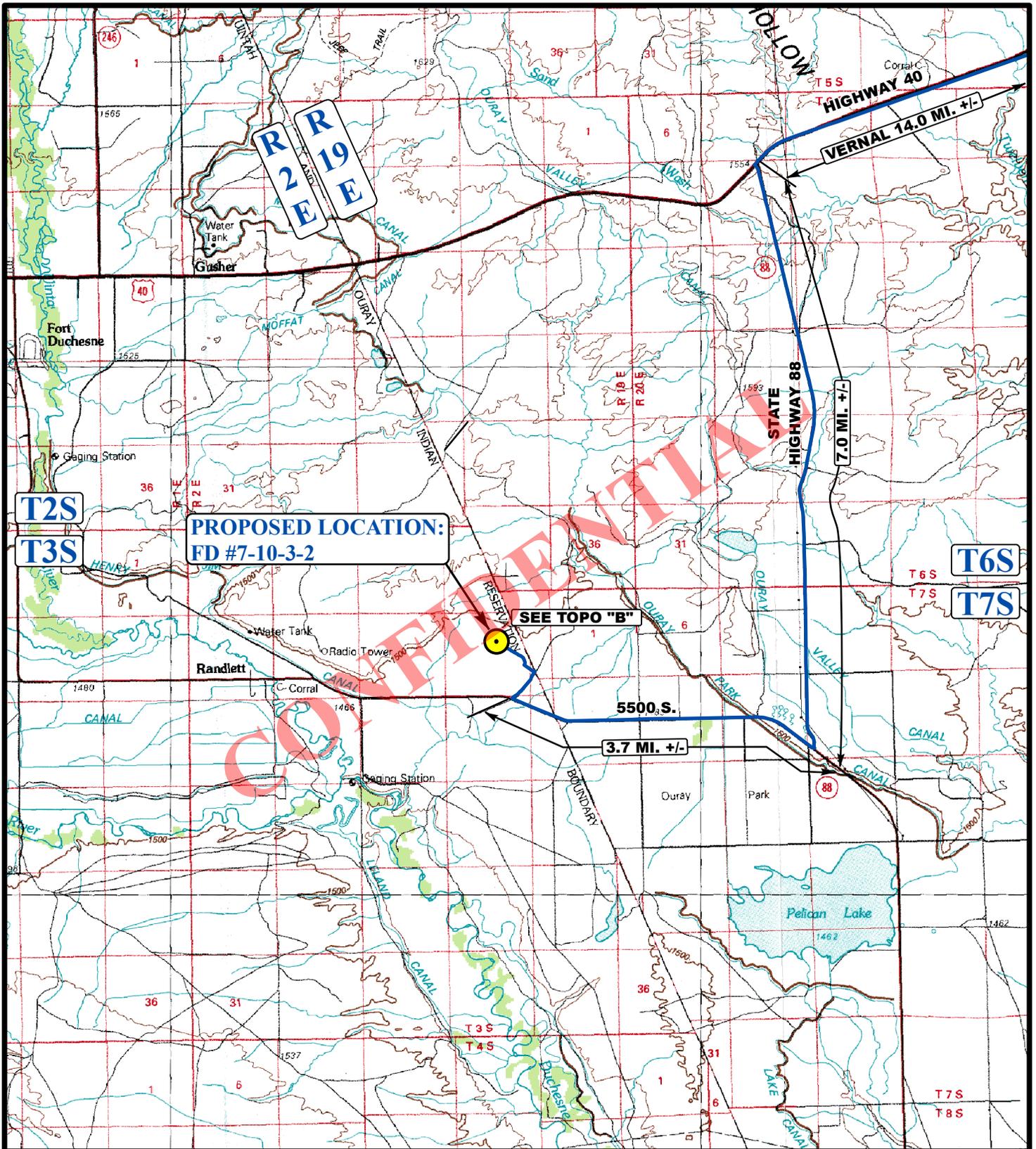
NOTE:
 Flare Pit is to be located a min. of 100' from the Well Head.

RESERVE PITS (10' Deep)
 Total Pit Capacity
 W/2' of Freeboard
 = 21,330 Bbls.±
 Total Pit Volume
 = 5,850 Cu. Yds

BILL BARRETT CORPORATION
FD #7-10-3-2
SECTION 10, T3S, R2E, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT 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, THEN WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 2,153' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 25.7 MILES.



LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

FD #7-10-3-2
SECTION 10, T3S, R2E, U.S.B.&M.
1810' FNL and 1378' FEL



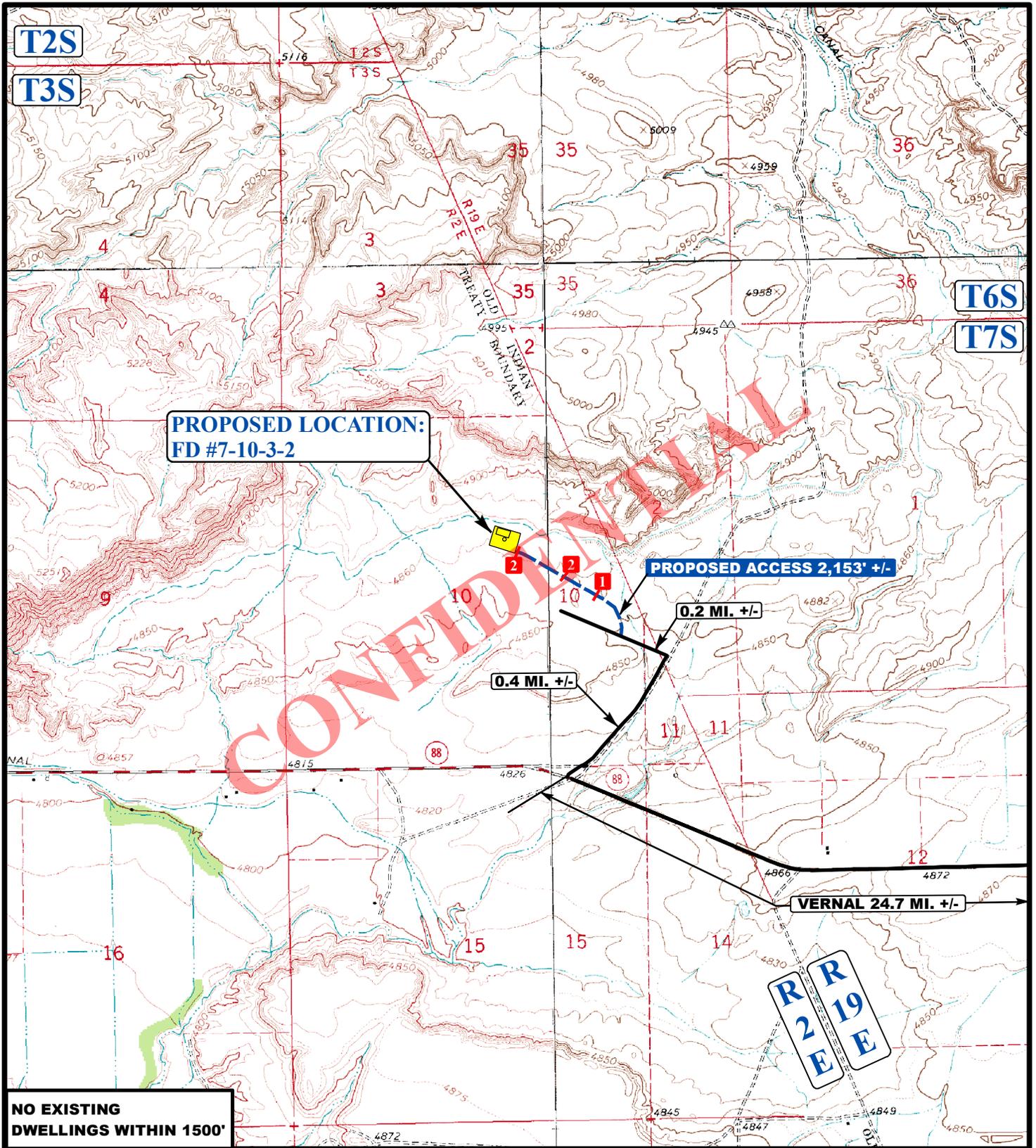
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

05 MONTH	17 DAY	13 YEAR
--------------------	------------------	-------------------



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



NO EXISTING DWELLINGS WITHIN 1500'

- LEGEND:**
- EXISTING ROADS
 - - - PROPOSED ACCESS ROAD
 - 1 18" CMP REQUIRED
 - 2 24" CMP REQUIRED

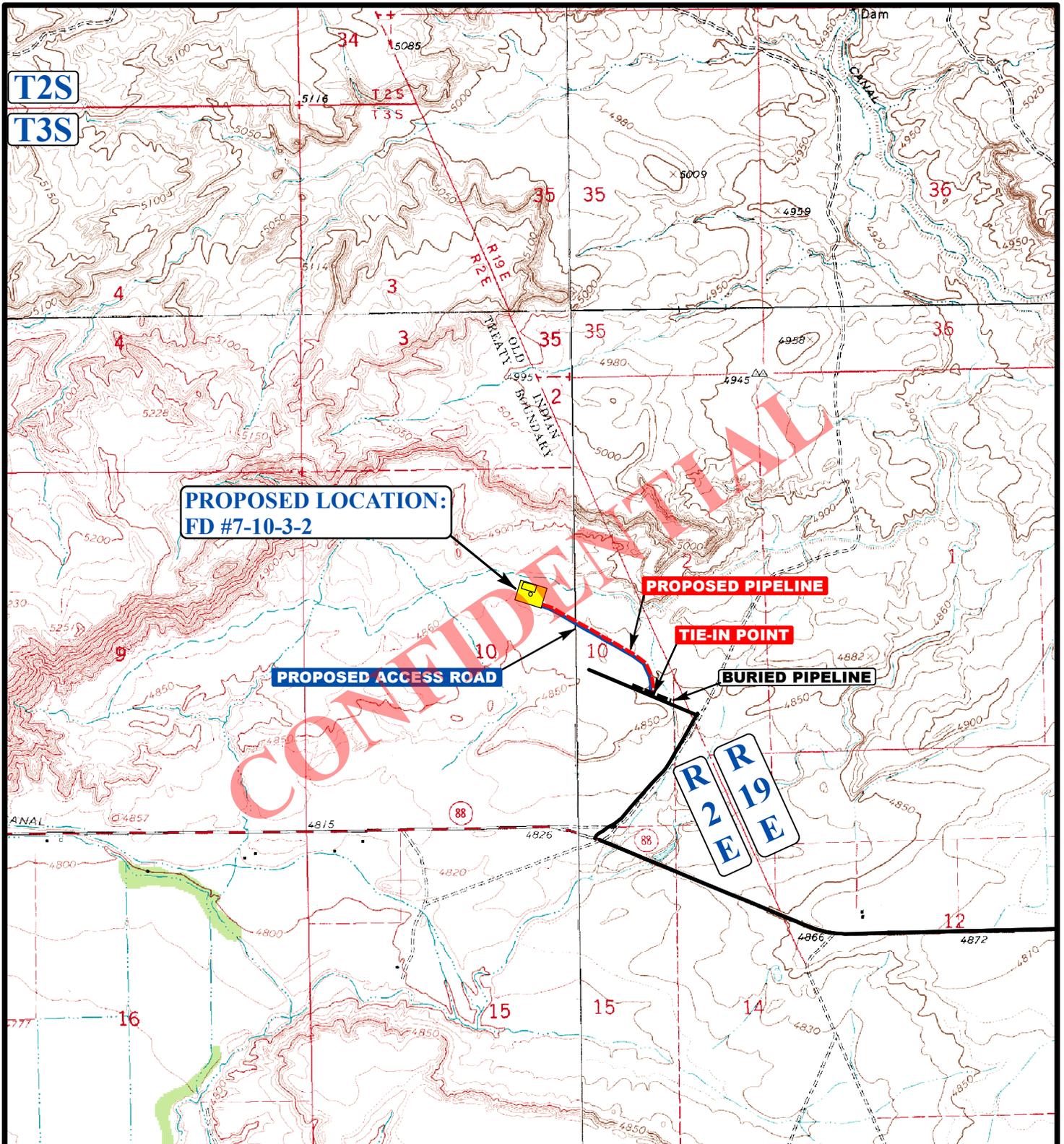
U&L S Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



BILL BARRETT CORPORATION

FD #7-10-3-2
SECTION 10, T3S, R2E, U.S.B.&M.
 1810' FNL and 1378' FEL

ACCESS ROAD MAP **05 17 13**
 MONTH DAY YEAR
 SCALE: 1"=2000' DRAWN BY: S.O. REVISED: 00-00-00 **B TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 2,211' +/-

LEGEND:

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

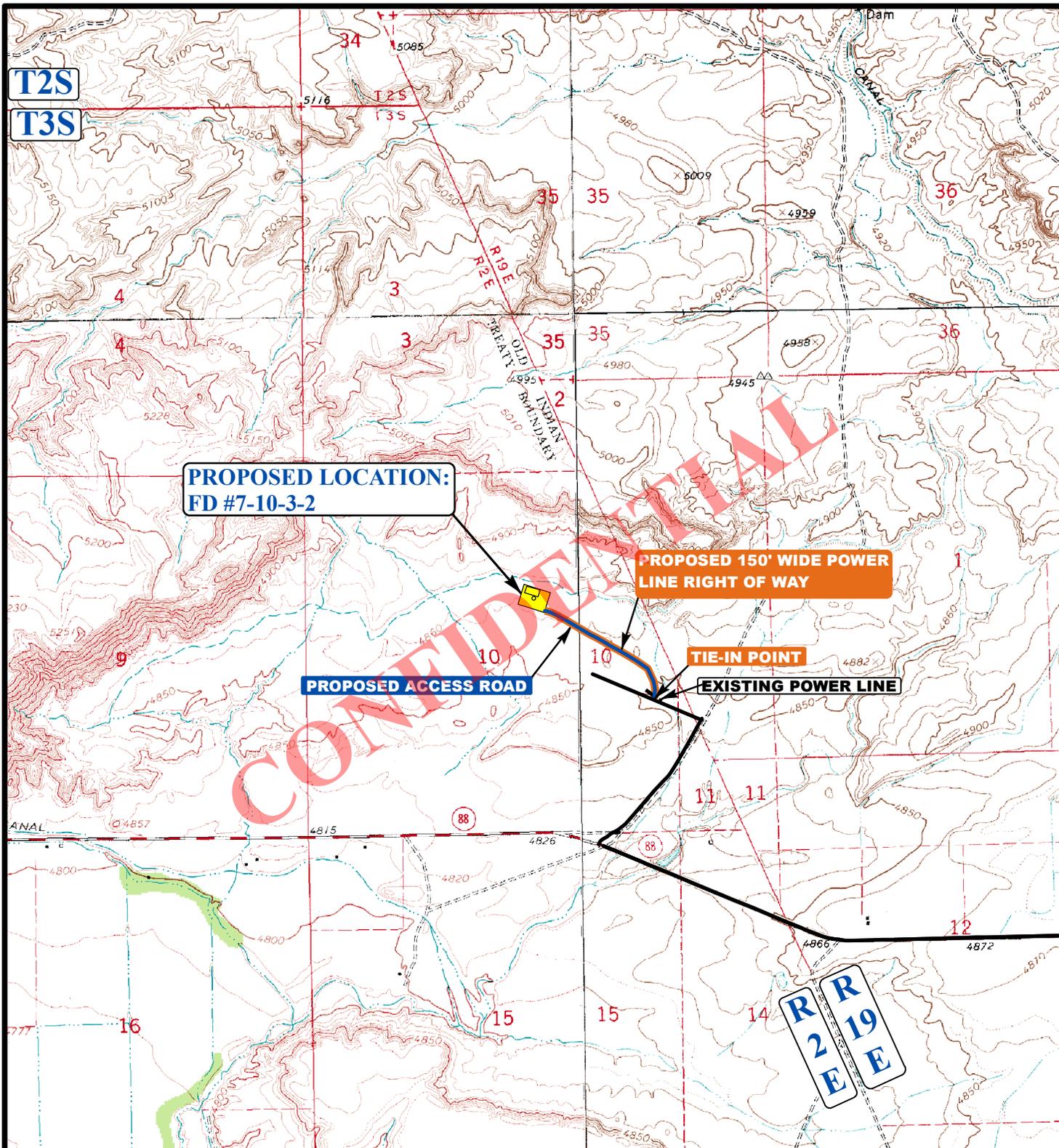
BILL BARRETT CORPORATION

FD #7-10-3-2
SECTION 10, T3S, R2E, U.S.B.&M.
 1810' FNL and 1378' FEL

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



TOPOGRAPHIC MAP **05 17 13**
 MONTH DAY YEAR
 SCALE: 1"=2000' DRAWN BY: S.O. REVISED: 00-00-00 **C TOPO**



APPROXIMATE TOTAL POWER LINE DISTANCE 2,121' +/-

LEGEND:

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

BILL BARRETT CORPORATION

FD #7-10-3-2
SECTION 10, T3S, R2E, U.S.B.&M.
 1810' FNL and 1378' FEL

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



TOPOGRAPHIC MAP **05 17 13**
 MONTH DAY YEAR
 SCALE: 1"=2000' DRAWN BY: S.O. REVISED: 00-00-00 **D TOPO**

SURFACE USE AGREEMENT

(FD 7-10-3-2)

THIS AGREEMENT Dated July 1, 2013 by and between _____

Lever, Ltd.,

whose address is 77 South Adams Street #606, Denver, CO 80209
phone # (419-266-0649)

, hereinafter referred to as "Surface Owner", and

Bill Barrett Corporation and its Subsidiaries

, whose address is 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in Uintah County, Utah, hereinafter referred to as "Lands", to wit:

A Tract of land lying in the **S/2NE/4 and NE/4SE/4 of Township 3 South, Range 2 East, USM** as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owner ~~as liquidated damages~~ the following sum as ~~full settlement and~~ satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

a.

b.

2. Operator agrees to consult with the surface owner and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owner and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owner may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owner considers that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owner actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owner from any and all environmental problems it causes on the Lands.

8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.

10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

TRIAL

**SURFACE OWNER:
Lever, Ltd.**



Jane Ann Spirn
By: Jane Ann Spirn, Co-Manager

John K. Lever, Jr.
By: John K. Lever, Jr., Co-Manager

STATE of COLORADO ACKNOWLEDGEMENT

COUNTY of DENVER

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 3 day of July, 2013, personally appeared Jane Ann Spirn in the capacity as stated above

Jane Ann Spirn, to me known to be the identical person(s), described in and who executed the within and foregoing instrument of writing and acknowledged to me that she duly executed same as her free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: 11/30/2013



Jennifer Trujillo
Notary Public:

My Commission Expires Nov. 30, 2013

STATE of _____ ACKNOWLEDGEMENT

Ohio

COUNTY of Wood

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 8 day of JULY, 2013, personally appeared John K. Lever, Jr., in the capacity as stated above

_____, to me known to be the identical person(s), described in and who executed the within and foregoing instrument of writing and acknowledged to me that she duly executed same as her free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: July 29, 2017

Fatin Rochon
Notary Public:

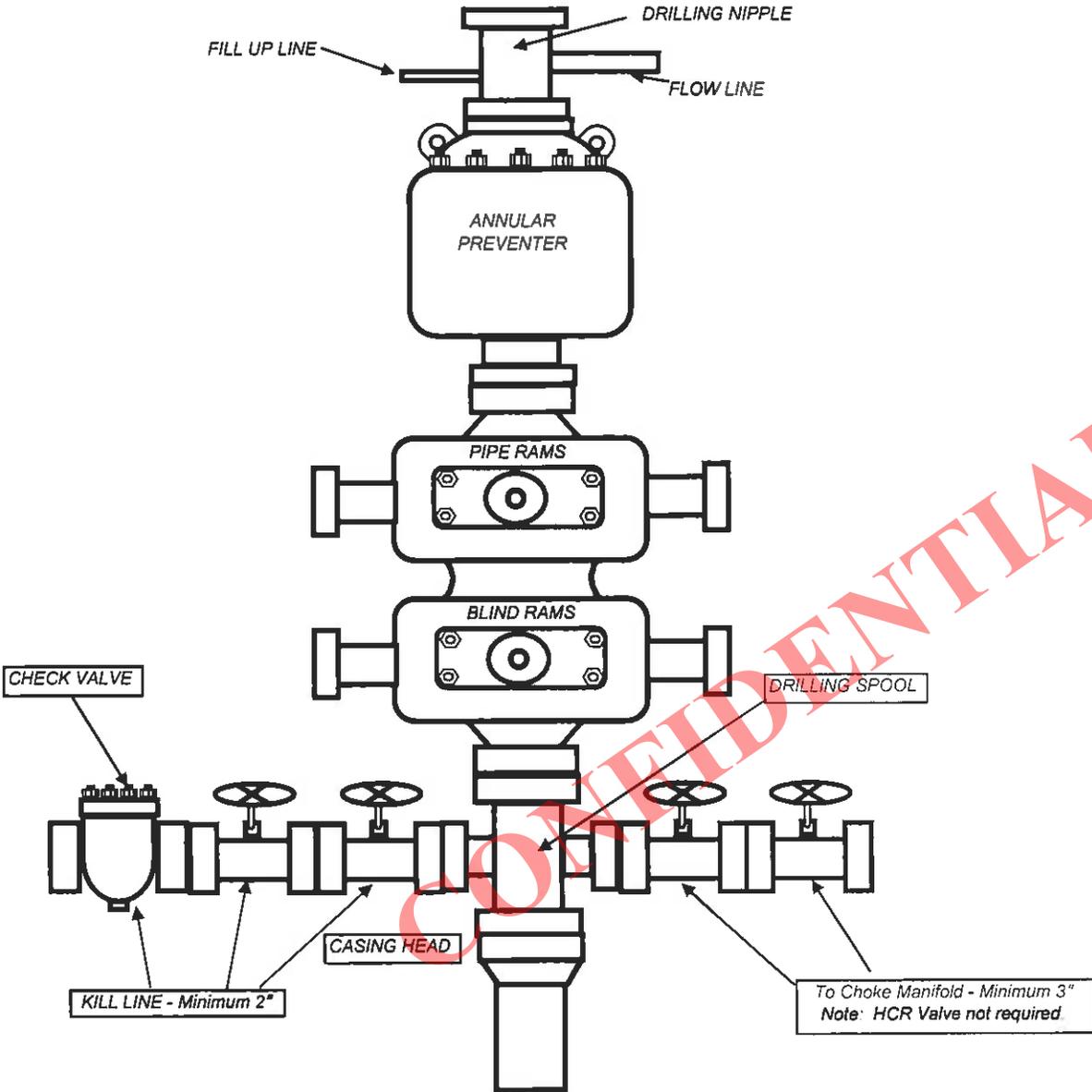


FATIN ROCHON
NOTARY PUBLIC - OHIO
MY COMMISSION EXPIRES ON 07-29-17

CONFIDENTIAL

BILL BARRETT CORPORATION

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





June 25, 2013

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

RE: Commingling Application
Fort Duchesne Area
FD 7-10-3-2
SWNE Section 10, T3S-R2E
Uintah County, UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well located in the Fort Duchesne Prospect. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed application.

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.

BILL BARRETT CORPORATION

Beady Remy
for

Kevin Funk
Land Assistant

Enclosures



June 25, 2013

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

RE: Commingling Application
FD 7-10-3-2
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 303-312-8164. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Brady Riley
Kevin Funk *for*
Land Assistant

CONFIDENTIAL

Enclosures



AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted an application to commingle production from the Wasatch and Green River formations in the following well within the Fort Duchesne Prospect:

FD 7-10-3-2 SWNE Section 10 T3S-R2E

In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the application, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessees

EnCana Oil & Gas (USA) Inc.
Robert Bayless Producer, LLC

Date: June 25, 2013

Affiant:

A handwritten signature in black ink that reads 'Brady Riley for'. The signature is written over a horizontal line.

Thomas J. Abell
Landman

CONFIDENTIAL



June 25, 2013

Robert Bayless Producer, LLC
Attn: Mr. Cranford Newell
621 17th Street, Suite 2300
Denver, CO 80293

RE: Commingling Application
FD 7-10-3-2
Uintah County, UT

Dear Mr. Newell,

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 303-312-8164. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

A handwritten signature in black ink that reads 'Kevin Funk' with 'for J' written below it.

Kevin Funk
Land Assistant

Enclosures

T3S, R2E, U.S.B.&M.

BILL BARRETT CORPORATION

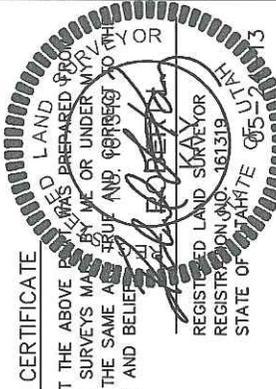
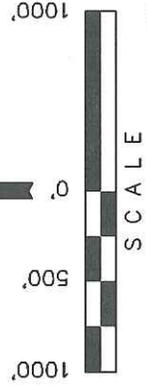
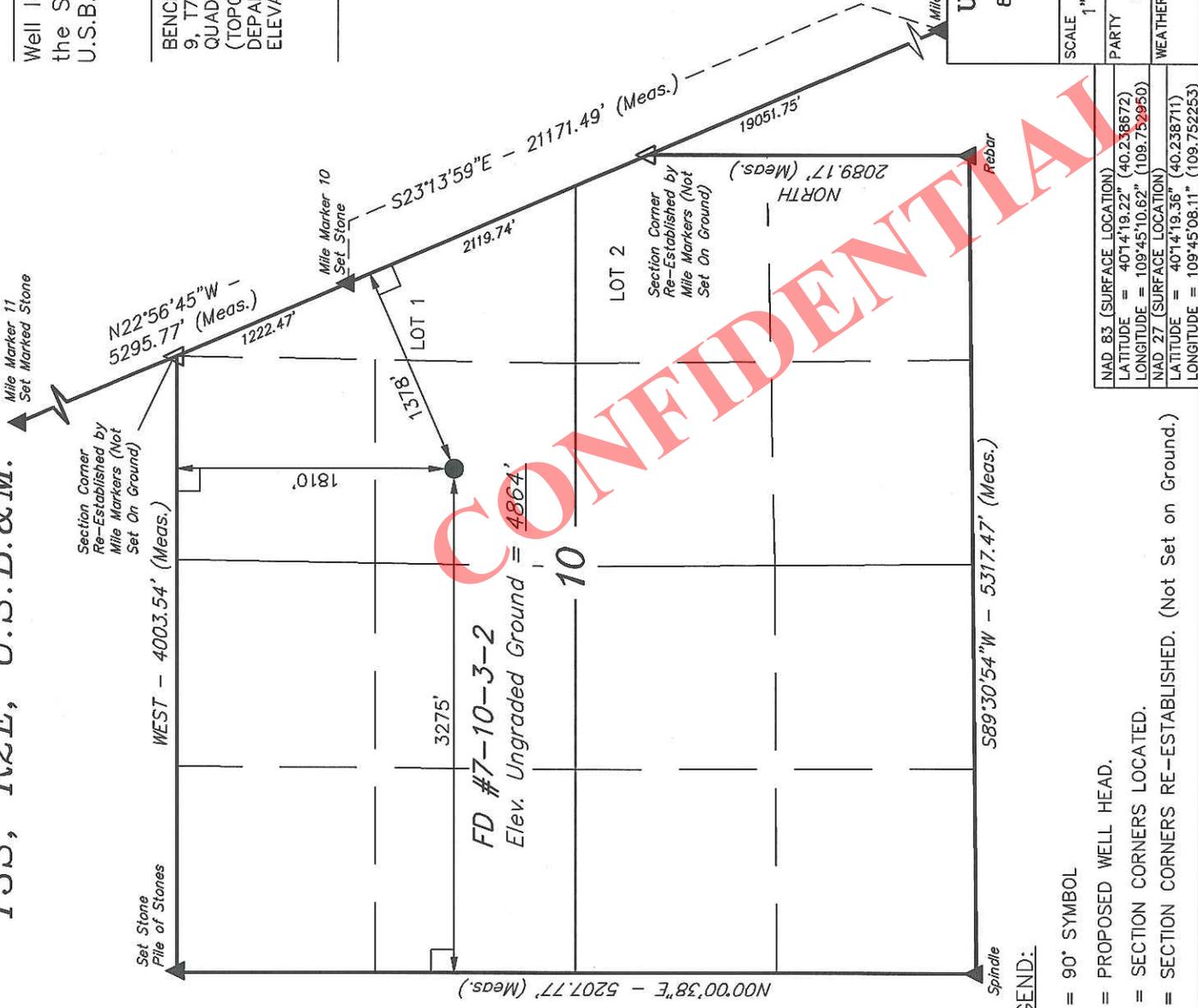
Well location, FD #7-10-3-2, located as shown in the SW 1/4 NE 1/4 of Section 10, T3S, R2E, U.S.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

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

BASIS OF BEARINGS

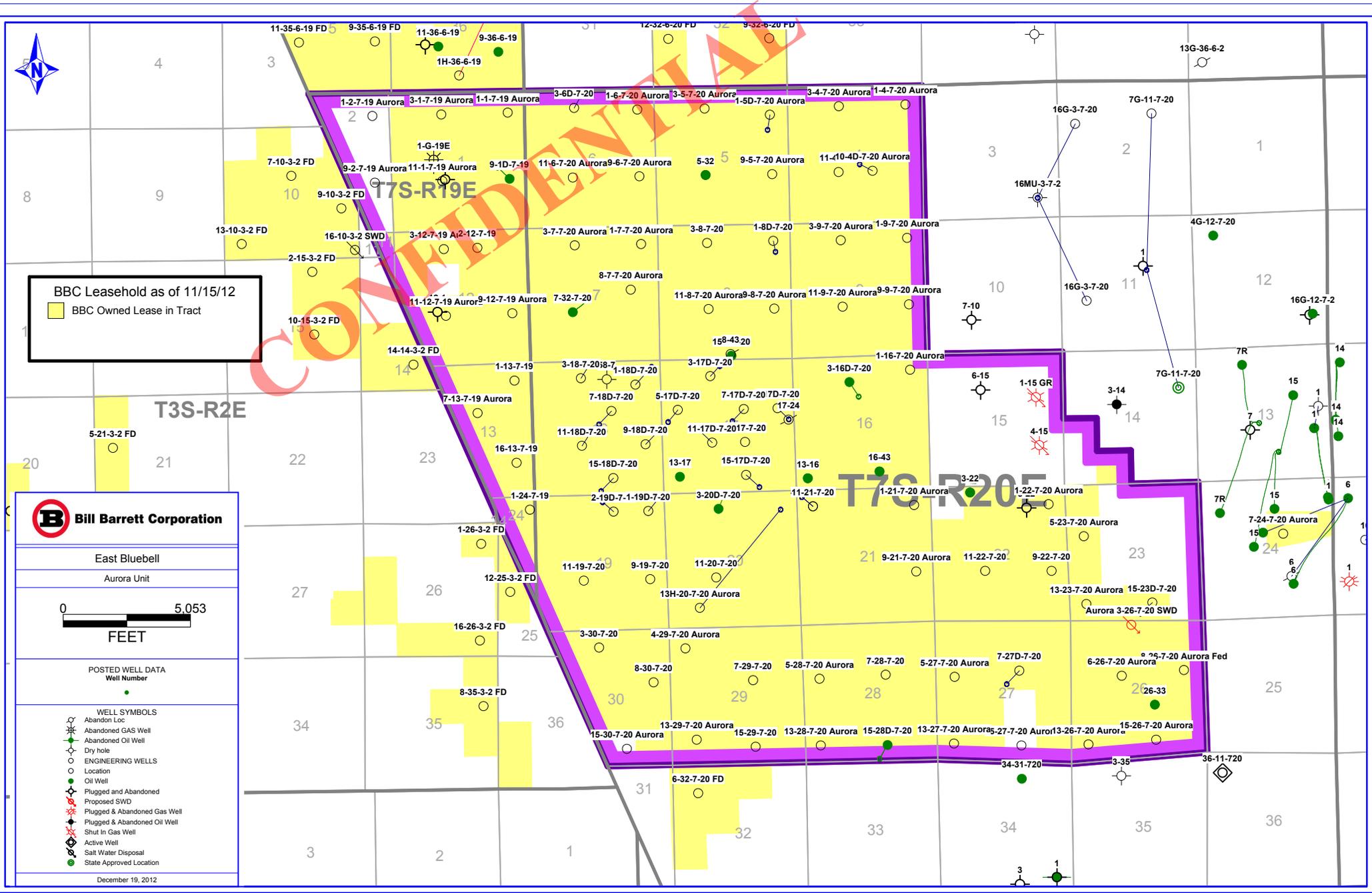
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



UINTAH ENGINEERING & LAND SURVEYING	
85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017	
SCALE 1" = 1000'	DATE SURVEYED: 05-10-13
PARTY C.R. A.W. S.S.	DATE DRAWN: 5-13-13
WEATHER WARM	REFERENCES G.L.O. PLAT
FILE BILL BARRETT CORPORATION	

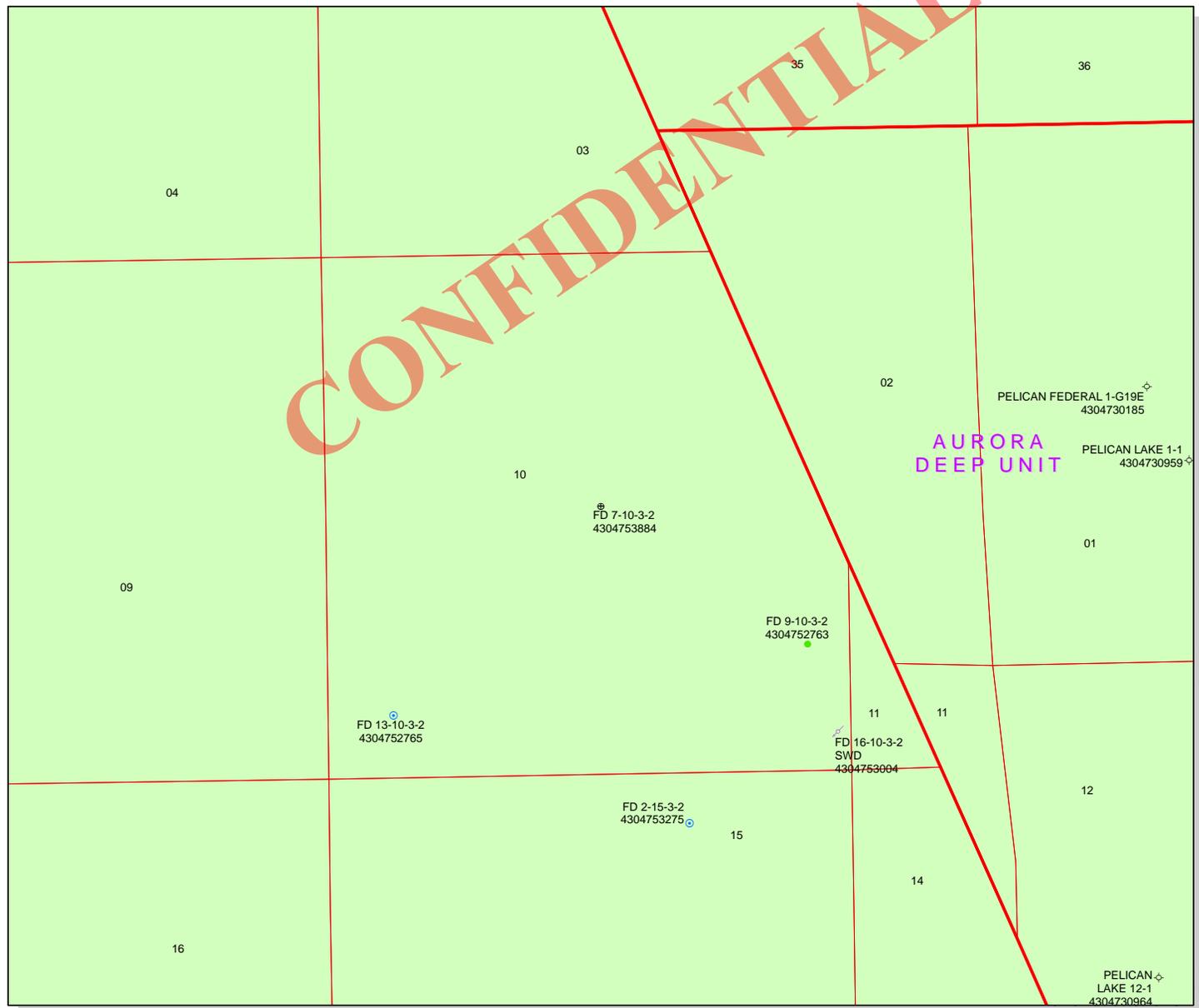
NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°14'19.22"	(40.238672)
LONGITUDE = 109°45'10.62"	(109.752950)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°14'19.36"	(40.238711)
LONGITUDE = 109°45'08.11"	(109.752253)

- LEGEND:**
- └─┘ = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.
 - △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)



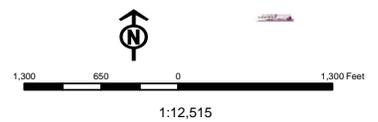
PETRA 12/19/2012 9:26:55 AM

CONFIDENTIAL



API Number: 4304753884
Well Name: FD 7-10-3-2
Township T03.0S Range R02.0E Section 10
Meridian: UBM
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



Well Name	BILL BARRETT CORP FD 7-10-3-2 43047538840000			
String	COND	SURF	PROD	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	80	1500	9100	
Previous Shoe Setting Depth (TVD)	0	80	1500	
Max Mud Weight (ppg)	8.7	9.4	9.5	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	4495		9.5	

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

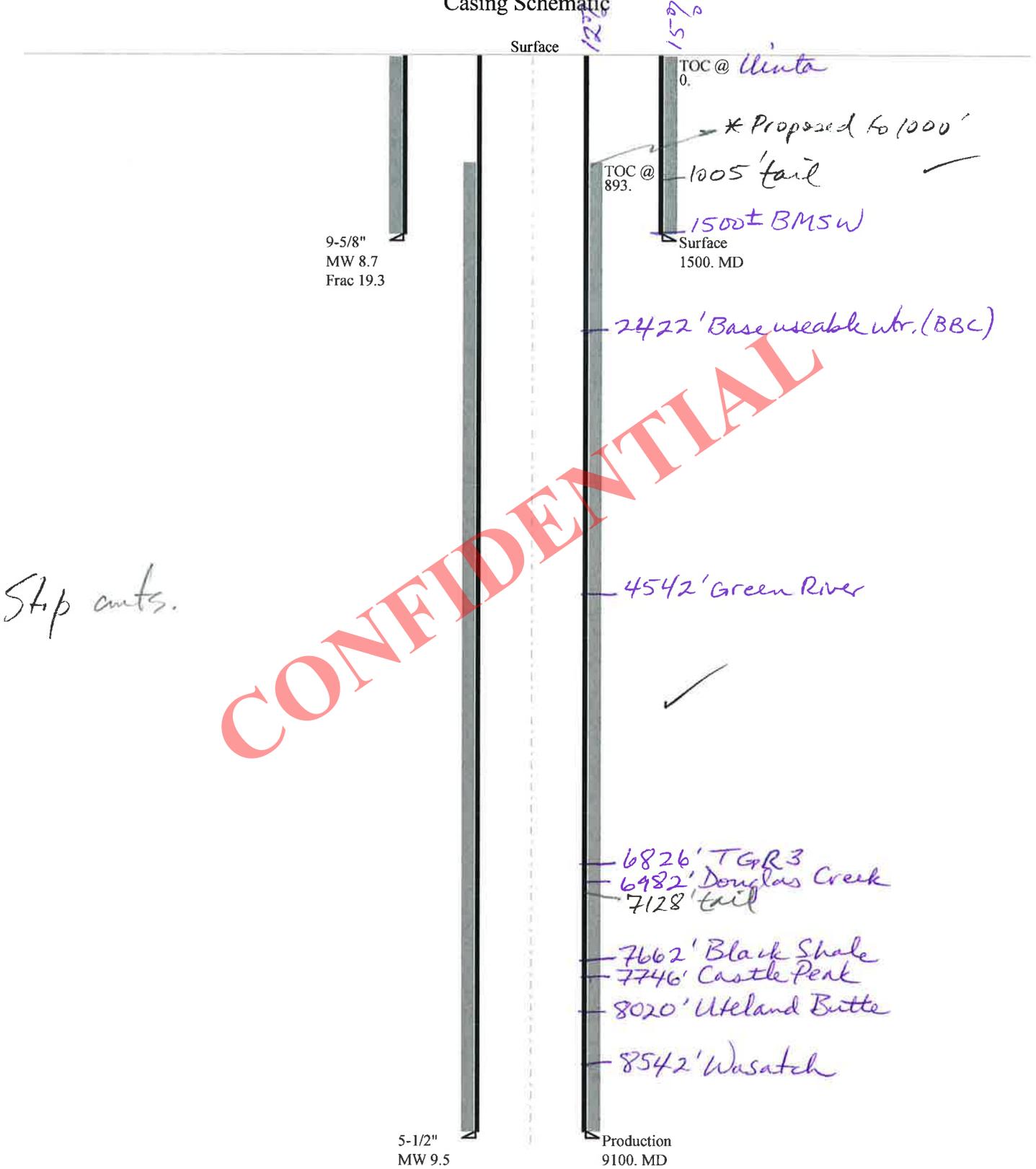
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	733	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	553	NO air/mist/fresh wtr
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	403	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	421	NO OK
Required Casing/BOPE Test Pressure=		1500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4495	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3403	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2493	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2823	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1500	psi *Assumes 1psi/ft frac gradient

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

43047538840000 FD 7-10-3-2

Casing Schematic



Well name:	43047538840000 FD 7-10-3-2		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-047-53884
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 95 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,320 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 1,500 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 1,307 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,100 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 4,491 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,500 ft
 Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	9.625	36.00	J-55	ST&C	1500	1500	8.796	13036
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	678	2020	2.980	1500	3520	2.35	47	394	8.38 J

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

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

Date: August 13, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047538840000 FD 7-10-3-2		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-53884
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 201 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 893 ft

Burst

Max anticipated surface pressure: 2,489 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 4,491 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on air weight.
 Neutral point: 7,789 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9100	5.5	17.00	P-110	LT&C	9100	9100	4.767	59939
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4491	7480	1.666	4491	10640	2.37	154.7	445	2.88 J

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

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

Date: August 13, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9100 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD 7-10-3-2
API Number 43047538840000 **APD No** 8198 **Field/Unit** WILDCAT
Location: 1/4,1/4 SWNE **Sec** 10 **Tw** 3.0S **Rng** 2.0E 1810 FNL 1378 FEL
GPS Coord (UTM) 606075 4454990 **Surface Owner** Lever Ltd/JANE SPIRN

Participants

Kary Eldredge (Bill Barrett Corporation), Cody Rich (surveyor), Jim Burns (permit contractor), Jennifer Hall and Terra Miller (land contractors)

Regional/Local Setting & Topography

This proposed well site is about 3 miles east of Randlett, Utah on a flat plain less than 1 miles north of 5500 South which runs between Pelican Lake and Randlett. This site is in a large flat valley. The soil is mostly quite permeable sandy loam which supports sage brush and various desert grasses.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad Width 300 Length 400	Src Const Material	Surface Formation
0.4		Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

The vegetation at this site consists primarily of sage brush and various desert grasses and shrubs. Good pronghorn habitat.

Soil Type and Characteristics

Sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y

Minor as needed

Berm Required? Y

permeable soil

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

Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	TDS>10000	15
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		50 1 Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in a cut stable location. Dimensions are 200 x 100 x 10ft. Bill Barrett representative Kary Eldredge stated that a 20 mil reserve pit liner and felt subliner will be used. This liner program appears adequate for this location.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y**Other Observations / Comments**Richard Powell
Evaluator6/26/2013
Date / Time

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8198	43047538840000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Lever Ltd/JANE SPIRN	
Well Name	FD 7-10-3-2		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	SWNE 10 3S 2E U 1810 FNL (UTM) 605937E 4454800N		1378 FEL	GPS Coord	

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 1,500'. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the center of Section 10. The wells are 200 and 300 feet in depth with listed uses as oil exploration, irrigation and stock watering. The wells probably produce water from the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect usable ground water in the area.

Brad Hill
APD Evaluator

7/3/2013
Date / Time

Surface Statement of Basis

This proposed well is on fee surface with fee minerals. The surface owner Jane Spirn was invited but chose not to attend this onsite inspection and stated that she had no concerns with this site. This location is quite flat and the land is flat in all directions for several hundred feet. According to BBC representative Kary Eldredge a 20 mil liner and felt subliner will be used for this reserve pit. Due to very permeable soils this well pad must be bermed to keep any leaked or spilled fluids contained to the pad. Minor drainage diversions will be needed for this location but it appears to be a good site for this well.

Richard Powell
Onsite Evaluator

6/26/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/18/2013

API NO. ASSIGNED: 43047538840000

WELL NAME: FD 7-10-3-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: SWNE 10 030S 020E

Permit Tech Review:

SURFACE: 1810 FNL 1378 FEL

Engineering Review:

BOTTOM: 1810 FNL 1378 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.23884

LONGITUDE: -109.75463

UTM SURF EASTINGS: 605937.00

NORTHINGS: 4454800.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - LMP4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 49-1645
- RDCC Review: 2013-11-05 00:00:00.0
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

LOCATION AND SITING:

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

Comments: Presite Completed
IRR SEC:

Stipulations: 3 - Commingle - ddoucet
5 - Statement of Basis - bhill
12 - Cement Volume (3) - ddoucet
21 - RDCC - dmason
23 - Spacing - dmason
25 - Surface Casing - ddoucet



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. BAZA
Division Director

Permit To Drill

Well Name: FD 7-10-3-2

API Well Number: 43047538840000

Lease Number: fee

Surface Owner: FEE (PRIVATE)

Approval Date: 11/5/2013

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 R649-3-2. 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

Commingle:

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

General:

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

Conditions of Approval:

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.

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

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

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

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

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

Notification Requirements:

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

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

Contact Information:

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

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

Reporting Requirements:

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

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

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: fee
	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 7-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047538840000
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: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	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: 6/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" 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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Bill Barrett Corporation is requesting permission to revise the surface casing set depth for this well from 2000' 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 730sx (lead); tail will stay the same. See attached revised drilling plan for additional information.

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

Date: _____
 By: Mark Duff May 22 2014

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/19/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047538840000

Tail cement for the production string shall be brought a minimum of 500' above the TGR3 (~6300').

DRILLING PLAN REVISED
BILL BARRETT CORPORATION

FD 7-10-3-2

SWNE, 1810' FNL and 1378' FEL, Section 10, T3S-R2E, USB&M (SURFACE HOLE)
 SWNE, 1810' FNL and 1378' FEL, Section 10, T3S-R2E, USB&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

Formation	Depth – MD/TVD
Green River	4,542'
TGR3*	6,826'
Douglas Creek	6,982'
Black Shale	7,662'
Castle Peak	7,746'
Uteland Butte	8,020'
Wasatch*	8,542'
TD	9,100'

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

Base of Moderately Saline Water: 2422'

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment
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.	

4. Casing Program

Hole Size	SETTING DEPTH		Casing Size	Casing Weight	Casing Grade	Thread	Condition
	(FROM)	(TO)					
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	LT&C	New
NOTE: May pre-set 8-5/8" surface casing with spudder rig. See Appendix A below.							

Bill Barrett Corporation
 Drilling Program
 FD 7-10-3-2
 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: 730 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 700' Tail: 360sx 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 @ 7162'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
80' – 1200'	9.2 – 9.4	26 – 36	NC	Freshwater Spud Mud Fluid System
1200' – TD	9.4 – 9.5	42-52	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.
NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.	

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4495 psi* and maximum anticipated surface pressure equals approximately 2493 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

Bill Barrett Corporation
Drilling Program
FD 7-10-3-2
Uintah County, Utah

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

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

9. Auxiliary Equipment

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

10. Location and Type of Water Supply

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

11. Drilling Schedule

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

12. Appendix A

If we pre-set the 8-5/8" casing on this well with a spudder rig, the following equipment shall be in place and operational during air/gas drilling:

- Blooie line discharge will be a minimum of **45'** from well bore and securely anchored
- Mud circulating equipment and a minimum of 200 bbls of water will be on location (Volume sufficient to maintain the capacity of the hole and circulating tanks or pits).
- No igniter will be on blooie line while drilling the surface hole
- The spudder/air rig air compressor will be located on the rig



Bill Barrett Corporation

FORT DUSHESNE CEMENT VOLUMES

Well Name: FD 7-10-3-2 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:	9,100'
Top of Cement:	700'
Top of Tail:	7,162'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1679.3	ft ³
Lead Fill:	6,462'	
Tail Volume:	503.7	ft ³
Tail Fill:	1,938'	

Cement Data:

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

Calculated # of Sacks:

SK's Lead: **730**

SK's Tail: **360**

FD 7-10-3-2 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 - (7162' - 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: 6,462'
	Volume: 299.08 bbl
	Proposed Sacks: 730 sks
Tail Cement - (9100' - 7162')	
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: 7,162'
	Calculated Fill: 1,938'
	Volume: 89.71 bbl
	Proposed Sacks: 360 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.

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: fee	
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 7-10-3-2	
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047538840000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U		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: 7/22/2014 <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: 7/22/2014 Spud Time: 8:00 AM Commence Drilling approximate start date: 8/15/2014			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 22, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A	DATE 7/22/2014		

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: fee
	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 7-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047538840000
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: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/31/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

No monthly drilling to report, well spud on 7/22/2014

**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	

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: fee
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 7-10-3-2
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	9. API NUMBER: 43047538840000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U	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"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

No monthly drilling to report, well spud on 7/14/2014

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 03, 2014**

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 10/2/2014	

CONFIDENTIAL

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 7-10-3-2
Qtr/Qtr SWNE Section 10 Township 3S Range 2E
Lease Serial Number FEE
API Number 43047538840000

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

Date/Time _____ AM PM

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

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

Date/Time 09/29/2014 02:00 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 8 5/8" SURFACE CASING AND CEMENT

CONFIDENTIAL

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 7-10-3-2
Qtr/Qtr SWNE Section 10 Township 3S Range 2E
Lease Serial Number FEE
API Number 43047538840000

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 10-08-2014 02:00 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" PRODUCTION CASING AND CEMENT

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: fee
	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 7-10-3-2
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
	9. FIELD and POOL or WILDCAT: MOFFAT CANAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U	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: 10/31/2014	<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 checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

THIS WELL HAD FIRST PRODUCTION ON 10/31/2014 AND FIRST GAS SALES ON 11/2/2014

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 November 03, 2014**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 11/3/2014	

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: fee	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
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2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD 7-10-3-2	
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PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL	
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		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2014	<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.			
October 2014 monthly drilling activity report is attached			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 04, 2014			
NAME (PLEASE PRINT) Christina Hirtler		PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A		DATE 11/4/2014	

**FD 07-10-3-2 10/1/2014 06:00 - 10/2/2014 06:00**

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL F/2257' - T/3353' - 1096' @ 115.4'/HR. WOB=14K, RPM=60, 570GPM, 1930PSI
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/3353' - T/4491' - 1138' @ 81.3'/HR. WOB=19K, RPM=46, 575GPM, 2085PSI

FD 07-10-3-2 10/2/2014 06:00 - 10/3/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL F/4491' - T/4829' - 338' @ 35.6'/HR. WOB=25K, RPM=50, 560 GPM, 1820 PSI
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/4829' - T/5251' - 422' @ 30.1'/HR. WOB=27K, RPM=55, 550GPM, 1980PSI

FD 07-10-3-2 10/3/2014 06:00 - 10/4/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	2	DRILL ACTUAL	DRILL ACTUAL F/5251' - T/5377' - 126' @ 31.5'/HR, WOB=28K, RPM=60, 530 GPM, 1930 PSI
10:00	1.00	11:00	20	DIRECTIONAL WORK	POWER UP MWD TOOL
11:00	4.00	15:00	2	DRILL ACTUAL	DRILL ACTUAL F/5377' - T/5504' - 127' @ 31.8'/HR. WOB=28K, RPM=65, 530 GPM, 1845 PSI
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	14.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5504' - T/6010' - 506' @ 34.9'/HR. WOB=27K, RPM=55, 530 GPM, 1925 PSI

FD 07-10-3-2 10/4/2014 06:00 - 10/5/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	DRILL ACTUAL F/6010' - T/6305' - 295' @ 45.4'/HR. WOB=26K, RPM=65, 530 GPM, 1890 PSI
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE
13:00	17.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/6305' - T/7022' - 717' @ 42.2'/HR. WOB=27K, RPM=60, 535 GPM, 2425 PSI

FD 07-10-3-2 10/5/2014 06:00 - 10/6/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL F/7022' - T/7528' - 506' @ 72.2 FT/HR, WOB=28, RPM=65, GPM=530, SPP=2300
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	10.00	23:30	2	DRILL ACTUAL	DRILL ACTUAL F/7528-T/7976. 448' @ 44.8 FT/HR, 30=WOB, RPM=65, 530=GPM, 2400 PSI.
23:30	1.50	01:00	5	COND MUD & CIRC	SEND SWEEP, CIRCULATE 1 HR, FLOW CHECK
01:00	5.00	06:00	6	TRIPS	TOOH FOR BIT CHANGE

FD 07-10-3-2 10/6/2014 06:00 - 10/7/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	TOOH FOR BIT / MUD MOTOR, WORK TIGHT HOLE AT 6,000'

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	1.50	10:00	20	DIRECTIONAL WORK	BREAK BIT / MM. MAKE UP NEW BIT AND MOTOR AND SCRIBE DIR TOOLS
10:00	2.00	12:00	6	TRIPS	TIH WITH NEW BHA
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	1.50	14:00	8	REPAIR RIG	WORK ON SWIVEL MOTOR, WORK ON HYDRAULIC VALVE BANK
14:00	4.00	18:00	6	TRIPS	TIH
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/7976' T/8401', 425 FT@ 35 FT/HR, 15-23K WOB, 55-60 RPM, 520 GPM, 2400-2650PSI

FD 07-10-3-2 10/7/2014 06:00 - 10/8/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	2	DRILL ACTUAL	DRILL ACTUAL F/8401' T/8443'. 42'@42FT/HR,
07:00	0.50	07:30	7	LUBRICATE RIG	RIG SERVICE
07:30	1.50	09:00	8	REPAIR RIG	WORK ON #2 PUMP
09:00	4.50	13:30	2	DRILL ACTUAL	DRILL TO TD @ 8610'. 167FT @ 37 FT/HR. WOB=24-28K, RPM=55-58, 505=GPM, 2500=PSI
13:30	1.50	15:00	5	COND MUD & CIRC	PUMP HIVIS SWEEP AND CIRC OUT, FLOW CHECK / NO FLOW
15:00	4.50	19:30	6	TRIPS	PULL 5 JNTS WET, PUMP DRY JOB, SHORT TRIP OUT TO 5,900', TIH BACK TO BOTTOM
19:30	1.50	21:00	5	COND MUD & CIRC	PUMP HIVIS SWEEP AND CIRC OUT, FLOW CHECK / NO FLOW
21:00	6.50	03:30	6	TRIPS	TOOH-LDDP
03:30	1.00	04:30	20	DIRECTIONAL WORK	LD MWD / DIR TOOLS
04:30	1.50	06:00	12	RUN CASING & CEMENT	R/U TO RUN 5 1/2" PRODUCTION CASING

FD 07-10-3-2 10/8/2014 06:00 - 10/9/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	12	RUN CASING & CEMENT	R/U AND RUN 188 JOINTS- 8600' OF 5 1/2", 17#, 180, LTC W/ 2 MARKERS AND 82 CENTRALIZERS -
13:30	1.00	14:30	5	COND MUD & CIRC	FILL PIPE AND CIRCULATE BOTTOMS UP AT 6,000'
14:30	3.00	17:30	12	RUN CASING & CEMENT	CONTINUE RUNNING CASING, INSTALL ROTATING RUBBER, CONTINUE TO BOTTOM
17:30	2.00	19:30	5	COND MUD & CIRC	CIRCULATE AND RECIPRICATE PIPE, WAIT ON HALLIBURTON.
19:30	1.50	21:00	12	RUN CASING & CEMENT	PULL ROTATING HEAD, INSTALL LANDING JOINT, CIRC AND WAIT ON HALLIBURTON
21:00	5.00	02:00	12	RUN CASING & CEMENT	Held pre job safety meeting w/Halliburton. Pressure test lines to 5,000psi, Pump 30 bbls Tuned spacer-10.4 PPG, 20 bbl fresh water spacer, 30 bbls Super Flush, 20bbl fresh water spacer. Mix & pump 480 sx lead cmt, 205 bbls @ 11ppg, 725 sx tail cmt, 500 bbls slurry @ 13.5 ppg. Drop plug, displace w/197 bbls fresh water w/biocide & CLA WEB. Bump plug @2000 psi increase t/2500 . Ck floats, floats held, got 2 bbls back. 20 bbls cmt back to surface.
02:00	4.00	06:00	1	RIGUP & TEARDOWN	SET PACKOFF, NIPPLE DOWN, CLEAN MUD TANKS, RIG RELEASE @ 06:00 HRS.

FD 07-10-3-2 10/10/2014 06:00 - 10/11/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 11" NIGHT CAP. CLEAN HANGER MANDREL. NU 7" 5K TBG HEAD. PRES TEST VOID AND SEALS. GOOD. NU 7" NIGHT CAP. WELL SECURE.

FD 07-10-3-2 10/20/2014 06:00 - 10/21/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	LOGG	Logging	MIRU HES. HSM. RUN 4.68" GR/JB TO TAG FILL AT 8458', DRLG SHOWS FC AT 8507' (HAVE 49' FILL). LOG SHOWS CMT-- TD-2600' GOOD, 2600'-1300' FAIR, EST TOC 1300' MARKER JTS AT 6764'-6787' AND 7650'-7673'. LOGGED WITH OUT PRESSURE. RDMO HES.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	LOCK & SECURE WELL

FD 07-10-3-2 10/23/2014 06:00 - 10/24/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 7" 5K X 5" 10K FRAC MANDREL. NU 5" 10K FRAC VALVES. PRES TEST CSG TO 6200 PSI, TEST FB EQUIP TO 2500/4500 PSI. ALL TEST GOOD. SECURE WELL. SPOTTED 48-500BBL FRAC TANKS STARTED FILLING FRAC LINE.

FD 07-10-3-2 10/26/2014 06:00 - 10/27/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	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 (48-500 BBL TANKS)

FD 07-10-3-2 10/27/2014 06:00 - 10/28/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	DTIM	Downtime	WAIT ON FRAC AND PERF DESIGNS. BUILD PERF GUNS.
10:30	1.00	11:30	CTRL	Crew Travel	CREWS TRAVEL TO LOCATION.
11:30	1.50	13:00	SRIG	Rig Up/Down	MIRU CUTTERS WITH 5" 10K LUBE AND EQUIP.
13:00	1.50	14:30	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 60 PSI. RIH AND CORRELATE TO SJ AT 6764'-6787' & 7650'-7673'. RUN DOWN AND PERF UTELAND BUTTE FORM 7961'-8333 WITH 54 HOLES IN 18' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
14:30	4.00	18:30	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

FD 07-10-3-2 10/28/2014 06:00 - 10/29/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	AOL 04:30. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA, OVER HEAD LOADS, PICKING UP LAYING DOWN GUNS.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:30	2.25	08:45	FRAC	Frac. Job	<p>FRAC STG 1 PRESSURE TEST LINES TO 7250 PSI. OPEN WELL W/ 149 PSI AT 6:33 AM BREAK DOWN 1927 PSI AT 5.3 BPM. PMP 3900 GAL 15% HCL ACID W/ 108 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1705 PSI. FLUSH W/ 7773 GAL. 29.6 BPM AT 2768 PSI. BALL OUT, SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 5 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 70.7 BPM AT 3395 PSI. ISDP 1387. FG .60. PERFS OPEN 27/54</p> <p>ISIP 1658 , FG .64, MR 71.2 BPM, AR 70.6 BPM, MP 5210 PSI (ON FINAL FLUSH), AP 2834 PSI 100 MESH 8,000 LBS 0.75PPG 30/50 WHITE 149,900 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 136,509 GAL, 20# GEL 33,300 GAL, 20# HYBOR 40,185 BBL.BTR 5301 BBLs.</p> <p>STAGE SCORE 10</p> <p>SHUT IN AND TURN OVER TO CUTTERS</p>
08:45	2.00	10:45	PFRT	Perforating	<p>ISSUES WITH INJECTOR PUMP. ABLE TO GET IT WORKING.</p> <p>PERF STG #2- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE (WITH METHANOL) 1300 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7650'-7673'. RUN DOWN AND SET 5-1/2" CBP AT 7910' WITH 1300 PSI. PULL UP AND PERF 3PT/BSF/CSTL PK FORM 7485'-7885' WITH 45 HOLES IN 15' NET. END PERFS WITH 1050 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN.</p> <p>TURN WELL OVER TO HES.</p>
10:45	1.75	12:30	FRAC	Frac. Job	<p>FRAC STG 2 PRESSURE TEST LINES TO 7350 PSI. OPEN WELL W/ 606 PSI AT 10:50 AM BREAK DOWN 1818 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.3 BPM AT 1661 PSI. FLUSH W/ 7308 GAL. 29.7 BPM AT 2323 PSI. BALL OUT, SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 5 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 71.1 BPM AT 3409 PSI. ISDP 1930. FG .69. PERFS OPEN 34/45</p> <p>ISIP 2106 , FG .71, MR 71.8 BPM, AR 70.5 BPM, MP 5432 PSI (ON FINAL FLUSH), AP 3297 PSI 100 MESH 8,000 LBS 0.75PPG 30/50 WHITE 150,000 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 130,181 GAL, 20# GEL 44,064 GAL, 20# HYBOR 34,832 BBL.BTR 5252 BBLs.</p> <p>STAGE SCORE 10</p> <p>SHUT IN AND TURN OVER TO CUTTERS</p>
12:30	1.25	13:45	PFRT	Perforating	<p>PERF STG #3- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE (WITH METHANOL) 1600 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6764'-6787'. RUN DOWN AND SET 5-1/2" CBP AT 7437' WITH 1600 PSI. PULL UP AND PERF DOUGLAS CREEK FORM 7035'-7417' WITH 45 HOLES IN 15' NET. END PERFS WITH 1000 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN.</p> <p>TURN WELL OVER TO HES.</p>
13:45	1.50	15:15	DTIM	Downtime	WAIT ON HALLIBURTON ACID TRANSPORT.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:15	1.75	17:00	FRAC	Frac. Job	<p>FRAC STG 3 PRESSURE TEST LINES TO 7350 PSI. OPEN WELL W/ 370 PSI AT 15:14 AM BREAK DOWN 1846 PSI AT 4.5 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 9.6 BPM AT 2082 PSI. FLUSH W/ 6869 GAL. 29.1 BPM AT 2725 PSI. BALL OUT, SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 1 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 70.3 BPM AT 4464 PSI. ISDP 2373. FG .77. PERFS OPEN 25/45. (32/45 BACK INTO IT)</p> <p>ISIP 2563 , FG .79, MR 71.7 BPM, AR 70.2 BPM, MP 5841 PSI (ON FINAL FLUSH), AP 3826 PSI 100 MESH 8,000 LBS 0.75PPG 30/50 WHITE 149,600 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 138,926 GAL, 20# GEL 34,539 GAL, 20# HYBOR 35,032 BBL.BTR 5228 BBLs.</p> <p>STAGE SCORE 10</p> <p>SHUT IN AND TURN OVER TO CUTTERS</p>
17:00	1.25	18:15	PFRT	Perforating	<p>PERF STG #4- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE (WITH METHANOL) 2300 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6764'-6787'. RUN DOWN AND SET 5-1/2" CBP AT 7010' WITH 2250 PSI. PULL UP AND PERF TGR3 FORM 6891'-6990' WITH 69 HOLES IN 23' NET. END PERFS WITH 850 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL</p>
18:15	11.75	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE FOR NIGHT.

FD 07-10-3-2 10/29/2014 06:00 - 10/30/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	SMTG	Safety Meeting	<p>AOL 05:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM- SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA, OVER HEAD LOADS, PICKING UP LAYING DOWN GUNS.</p>
06:15	3.00	09:15	FRAC	Frac. Job	<p>FRAC STG 4 PRESSURE TEST LINES TO 7500 PSI. OPEN WELL W/ 872 PSI AT 06:10 AM BREAK DOWN 1755 PSI AT 10.0 BPM. PMP 3400 GAL 15% HCL ACID W/ 138 BIO BALLS FOR DIVERSION. 9.8 BPM AT 1343 PSI. FLUSH W/ 6728 GAL. 32.0 BPM AT 2921 PSI. BALL OUT (MAX PSI 5859I), SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 5 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 70.4 BPM AT 3838 PSI. ISDP 1829. FG .70. PERFS OPEN 26/69.</p> <p>ISIP 2346, FG .77, MR 71.1 BPM, AR 70.4 BPM, MP 3716 PSI, AP 3124 PSI 100 MESH 10,140 LBS 0.75 PPG (SLK) 30/50 WHITE 149,260 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 135,866 GAL, 20# GEL 38,498 GAL, 20# HYBOR 33,972 BBL.BTR 5231 BBLs.</p> <p>STAGE SCORE 10</p> <p>RD CANDY CANES FOR FRAC HEAD.</p>
09:15	1.25	10:30	WLWK	Wireline	<p>KILL PLUG- PU 5-1/2" HES PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 2100 PSI. RIH AND CORRELATE TO SHORT JT 6764'-6787'. SET KILL PLUG AT 6810' WITH 1650 PSI. BLEED OFF AS POOH.</p>
10:30	2.00	12:30	SRIG	Rig Up/Down	RDMO HES AND CUTTERS FRAC FLEET.
12:30	17.50	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE. STACK FRAC WTR. MOVE OFF FRAC LINE.

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: fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 7-10-3-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047538840000
PHONE NUMBER: 303 312-8134 Ext		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"/> 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:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p style="text-align: center;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 07, 2014 </p>		
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 11/4/2014	

**FD 07-10-3-2 10/1/2014 06:00 - 10/2/2014 06:00**

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL F/2257' - T/3353' - 1096' @ 115.4'/HR. WOB=14K, RPM=60, 570GPM, 1930PSI
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/3353' - T/4491' - 1138' @ 81.3'/HR. WOB=19K, RPM=46, 575GPM, 2085PSI

FD 07-10-3-2 10/2/2014 06:00 - 10/3/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL F/4491' - T/4829' - 338' @ 35.6'/HR. WOB=25K, RPM=50, 560 GPM, 1820 PSI
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/4829' - T/5251' - 422' @ 30.1'/HR. WOB=27K, RPM=55, 550GPM, 1980PSI

FD 07-10-3-2 10/3/2014 06:00 - 10/4/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.00	10:00	2	DRILL ACTUAL	DRILL ACTUAL F/5251' - T/5377' - 126' @ 31.5'/HR, WOB=28K, RPM=60, 530 GPM, 1930 PSI
10:00	1.00	11:00	20	DIRECTIONAL WORK	POWER UP MWD TOOL
11:00	4.00	15:00	2	DRILL ACTUAL	DRILL ACTUAL F/5377' - T/5504' - 127' @ 31.8'/HR. WOB=28K, RPM=65, 530 GPM, 1845 PSI
15:00	0.50	15:30	7	LUBRICATE RIG	RIG SERVICE
15:30	14.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5504' - T/6010' - 506' @ 34.9'/HR. WOB=27K, RPM=55, 530 GPM, 1925 PSI

FD 07-10-3-2 10/4/2014 06:00 - 10/5/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	DRILL ACTUAL F/6010' - T/6305' - 295' @ 45.4'/HR. WOB=26K, RPM=65, 530 GPM, 1890 PSI
12:30	0.50	13:00	7	LUBRICATE RIG	RIG SERVICE
13:00	17.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/6305' - T/7022' - 717' @ 42.2'/HR. WOB=27K, RPM=60, 535 GPM, 2425 PSI

FD 07-10-3-2 10/5/2014 06:00 - 10/6/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.00	13:00	2	DRILL ACTUAL	DRILL ACTUAL F/7022' - T/7528' - 506' @ 72.2 FT/HR, WOB=28, RPM=65, GPM=530, SPP=2300
13:00	0.50	13:30	7	LUBRICATE RIG	RIG SERVICE
13:30	10.00	23:30	2	DRILL ACTUAL	DRILL ACTUAL F/7528-T/7976. 448' @ 44.8 FT/HR, 30=WOB, RPM=65, 530=GPM, 2400 PSI.
23:30	1.50	01:00	5	COND MUD & CIRC	SEND SWEEP, CIRCULATE 1 HR, FLOW CHECK
01:00	5.00	06:00	6	TRIPS	TOOH FOR BIT CHANGE

FD 07-10-3-2 10/6/2014 06:00 - 10/7/2014 06:00

API 43-047-53884	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 8,610.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	TOOH FOR BIT / MUD MOTOR, WORK TIGHT HOLE AT 6,000'

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	1.50	10:00	20	DIRECTIONAL WORK	BREAK BIT / MM. MAKE UP NEW BIT AND MOTOR AND SCRIBE DIR TOOLS
10:00	2.00	12:00	6	TRIPS	TIH WITH NEW BHA
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	1.50	14:00	8	REPAIR RIG	WORK ON SWIVEL MOTOR, WORK ON HYDRAULIC VALVE BANK
14:00	4.00	18:00	6	TRIPS	TIH
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/7976' T/8401', 425 FT@ 35 FT/HR, 15-23K WOB, 55-60 RPM, 520 GPM, 2400-2650PSI

FD 07-10-3-2 10/7/2014 06:00 - 10/8/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	2	DRILL ACTUAL	DRILL ACTUAL F/8401' T/8443'. 42'@42FT/HR,
07:00	0.50	07:30	7	LUBRICATE RIG	RIG SERVICE
07:30	1.50	09:00	8	REPAIR RIG	WORK ON #2 PUMP
09:00	4.50	13:30	2	DRILL ACTUAL	DRILL TO TD @ 8610'. 167FT @ 37 FT/HR. WOB=24-28K, RPM=55-58, 505=GPM, 2500=PSI
13:30	1.50	15:00	5	COND MUD & CIRC	PUMP HIVIS SWEEP AND CIRC OUT, FLOW CHECK / NO FLOW
15:00	4.50	19:30	6	TRIPS	PULL 5 JNTS WET, PUMP DRY JOB, SHORT TRIP OUT TO 5,900', TIH BACK TO BOTTOM
19:30	1.50	21:00	5	COND MUD & CIRC	PUMP HIVIS SWEEP AND CIRC OUT, FLOW CHECK / NO FLOW
21:00	6.50	03:30	6	TRIPS	TOOH-LDDP
03:30	1.00	04:30	20	DIRECTIONAL WORK	LD MWD / DIR TOOLS
04:30	1.50	06:00	12	RUN CASING & CEMENT	R/U TO RUN 5 1/2" PRODUCTION CASING

FD 07-10-3-2 10/8/2014 06:00 - 10/9/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	12	RUN CASING & CEMENT	R/U AND RUN 188 JOINTS- 8600' OF 5 1/2", 17#, 180, LTC W/ 2 MARKERS AND 82 CENTRALIZERS -
13:30	1.00	14:30	5	COND MUD & CIRC	FILL PIPE AND CIRCULATE BOTTOMS UP AT 6,000'
14:30	3.00	17:30	12	RUN CASING & CEMENT	CONTINUE RUNNING CASING, INSTALL ROTATING RUBBER, CONTINUE TO BOTTOM
17:30	2.00	19:30	5	COND MUD & CIRC	CIRCULATE AND RECIPRICATE PIPE, WAIT ON HALLIBURTON.
19:30	1.50	21:00	12	RUN CASING & CEMENT	PULL ROTATING HEAD, INSTALL LANDING JOINT, CIRC AND WAIT ON HALLIBURTON
21:00	5.00	02:00	12	RUN CASING & CEMENT	Held pre job safety meeting w/Halliburton. Pressure test lines to 5,000psi, Pump 30 bbls Tuned spacer-10.4 PPG, 20 bbl fresh water spacer, 30 bbls Super Flush, 20bbl fresh water spacer. Mix & pump 480 sx lead cmt, 205 bbls @ 11ppg, 725 sx tail cmt, 500 bbls slurry @ 13.5 ppg. Drop plug, displace w/197 bbls fresh water w/biocide & CLA WEB. Bump plug @2000 psi increase t/2500 . Ck floats, floats held, got 2 bbls back. 20 bbls cmt back to surface.
02:00	4.00	06:00	1	RIGUP & TEARDOWN	SET PACKOFF, NIPPLE DOWN, CLEAN MUD TANKS, RIG RELEASE @ 06:00 HRS.

FD 07-10-3-2 10/10/2014 06:00 - 10/11/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 11" NIGHT CAP. CLEAN HANGER MANDREL. NU 7" 5K TBG HEAD. PRES TEST VOID AND SEALS. GOOD. NU 7" NIGHT CAP. WELL SECURE.

FD 07-10-3-2 10/20/2014 06:00 - 10/21/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.00	16:00	LOGG	Logging	MIRU HES. HSM. RUN 4.68" GR/JB TO TAG FILL AT 8458', DRLG SHOWS FC AT 8507' (HAVE 49' FILL). LOG SHOWS CMT-- TD-2600' GOOD, 2600'-1300' FAIR, EST TOC 1300' MARKER JTS AT 6764'-6787' AND 7650'-7673'. LOGGED WITH OUT PRESSURE. RDMO HES.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	LOCK & SECURE WELL

FD 07-10-3-2 10/23/2014 06:00 - 10/24/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 7" 5K X 5" 10K FRAC MANDREL. NU 5" 10K FRAC VALVES. PRES TEST CSG TO 6200 PSI, TEST FB EQUIP TO 2500/4500 PSI. ALL TEST GOOD. SECURE WELL. SPOTTED 48-500BBL FRAC TANKS STARTED FILLING FRAC LINE.

FD 07-10-3-2 10/26/2014 06:00 - 10/27/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	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 (48-500 BBL TANKS)

FD 07-10-3-2 10/27/2014 06:00 - 10/28/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	DTIM	Downtime	WAIT ON FRAC AND PERF DESIGNS. BUILD PERF GUNS.
10:30	1.00	11:30	CTRL	Crew Travel	CREWS TRAVEL TO LOCATION.
11:30	1.50	13:00	SRIG	Rig Up/Down	MIRU CUTTERS WITH 5" 10K LUBE AND EQUIP.
13:00	1.50	14:30	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 60 PSI. RIH AND CORRELATE TO SJ AT 6764'-6787' & 7650'-7673'. RUN DOWN AND PERF UTELAND BUTTE FORM 7961'-8333 WITH 54 HOLES IN 18' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
14:30	4.00	18:30	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

FD 07-10-3-2 10/28/2014 06:00 - 10/29/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	SMTG	Safety Meeting	AOL 04:30. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA, OVER HEAD LOADS, PICKING UP LAYING DOWN GUNS.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:30	2.25	08:45	FRAC	Frac. Job	<p>FRAC STG 1 PRESSURE TEST LINES TO 7250 PSI. OPEN WELL W/ 149 PSI AT 6:33 AM BREAK DOWN 1927 PSI AT 5.3 BPM. PMP 3900 GAL 15% HCL ACID W/ 108 BIO BALLS FOR DIVERSION. 10.2 BPM AT 1705 PSI. FLUSH W/ 7773 GAL. 29.6 BPM AT 2768 PSI. BALL OUT, SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 5 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 70.7 BPM AT 3395 PSI. ISDP 1387. FG .60. PERFS OPEN 27/54</p> <p>ISIP 1658 , FG .64, MR 71.2 BPM, AR 70.6 BPM, MP 5210 PSI (ON FINAL FLUSH), AP 2834 PSI 100 MESH 8,000 LBS 0.75PPG 30/50 WHITE 149,900 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 136,509 GAL, 20# GEL 33,300 GAL, 20# HYBOR 40,185 BBL.BTR 5301 BBLs.</p> <p>STAGE SCORE 10</p> <p>SHUT IN AND TURN OVER TO CUTTERS</p>
08:45	2.00	10:45	PFRT	Perforating	<p>ISSUES WITH INJECTOR PUMP. ABLE TO GET IT WORKING.</p> <p>PERF STG #2- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE (WITH METHANOL) 1300 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7650'-7673'. RUN DOWN AND SET 5-1/2" CBP AT 7910' WITH 1300 PSI. PULL UP AND PERF 3PT/BSF/CSTL PK FORM 7485'-7885' WITH 45 HOLES IN 15' NET. END PERFS WITH 1050 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN.</p> <p>TURN WELL OVER TO HES.</p>
10:45	1.75	12:30	FRAC	Frac. Job	<p>FRAC STG 2 PRESSURE TEST LINES TO 7350 PSI. OPEN WELL W/ 606 PSI AT 10:50 AM BREAK DOWN 1818 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.3 BPM AT 1661 PSI. FLUSH W/ 7308 GAL. 29.7 BPM AT 2323 PSI. BALL OUT, SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 5 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 71.1 BPM AT 3409 PSI. ISDP 1930. FG .69. PERFS OPEN 34/45</p> <p>ISIP 2106 , FG .71, MR 71.8 BPM, AR 70.5 BPM, MP 5432 PSI (ON FINAL FLUSH), AP 3297 PSI 100 MESH 8,000 LBS 0.75PPG 30/50 WHITE 150,000 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 130,181 GAL, 20# GEL 44,064 GAL, 20# HYBOR 34,832 BBL.BTR 5252 BBLs.</p> <p>STAGE SCORE 10</p> <p>SHUT IN AND TURN OVER TO CUTTERS</p>
12:30	1.25	13:45	PFRT	Perforating	<p>PERF STG #3- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE (WITH METHANOL) 1600 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6764'-6787'. RUN DOWN AND SET 5-1/2" CBP AT 7437' WITH 1600 PSI. PULL UP AND PERF DOUGLAS CREEK FORM 7035'-7417' WITH 45 HOLES IN 15' NET. END PERFS WITH 1000 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN.</p> <p>TURN WELL OVER TO HES.</p>
13:45	1.50	15:15	DTIM	Downtime	WAIT ON HALLIBURTON ACID TRANSPORT.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:15	1.75	17:00	FRAC	Frac. Job	<p>FRAC STG 3 PRESSURE TEST LINES TO 7350 PSI. OPEN WELL W/ 370 PSI AT 15:14 AM BREAK DOWN 1846 PSI AT 4.5 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 9.6 BPM AT 2082 PSI. FLUSH W/ 6869 GAL. 29.1 BPM AT 2725 PSI. BALL OUT, SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 1 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 70.3 BPM AT 4464 PSI. ISDP 2373. FG .77. PERFS OPEN 25/45. (32/45 BACK INTO IT)</p> <p>ISIP 2563 , FG .79, MR 71.7 BPM, AR 70.2 BPM, MP 5841 PSI (ON FINAL FLUSH), AP 3826 PSI 100 MESH 8,000 LBS 0.75PPG 30/50 WHITE 149,600 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 138,926 GAL, 20# GEL 34,539 GAL, 20# HYBOR 35,032 BBL.BTR 5228 BBLs.</p> <p>STAGE SCORE 10</p> <p>SHUT IN AND TURN OVER TO CUTTERS</p>
17:00	1.25	18:15	PFRT	Perforating	<p>PERF STG #4- PU HES 5-1/2" 10K CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE (WITH METHANOL) 2300 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 6764'-6787'. RUN DOWN AND SET 5-1/2" CBP AT 7010' WITH 2250 PSI. PULL UP AND PERF TGR3 FORM 6891'-6990' WITH 69 HOLES IN 23' NET. END PERFS WITH 850 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL</p>
18:15	11.75	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE FOR NIGHT.

FD 07-10-3-2 10/29/2014 06:00 - 10/30/2014 06:00

API	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-53884	Utah	Uintah	Fort Duchesne	COMPLETION	8,610.0	Drilling & Completion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	SMTG	Safety Meeting	<p>AOL 05:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM- SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA, OVER HEAD LOADS, PICKING UP LAYING DOWN GUNS.</p>
06:15	3.00	09:15	FRAC	Frac. Job	<p>FRAC STG 4 PRESSURE TEST LINES TO 7500 PSI. OPEN WELL W/ 872 PSI AT 06:10 AM BREAK DOWN 1755 PSI AT 10.0 BPM. PMP 3400 GAL 15% HCL ACID W/ 138 BIO BALLS FOR DIVERSION. 9.8 BPM AT 1343 PSI. FLUSH W/ 6728 GAL. 32.0 BPM AT 2921 PSI. BALL OUT (MAX PSI 5859I), SHUT DOWN PMP. SURGE 3X. SHUT DOWN FOR 5 MIN.</p> <p>STAGE FR PAD. STABLE RATE OF 70.4 BPM AT 3838 PSI. ISDP 1829. FG .70. PERFS OPEN 26/69.</p> <p>ISIP 2346, FG .77, MR 71.1 BPM, AR 70.4 BPM, MP 3716 PSI, AP 3124 PSI 100 MESH 10,140 LBS 0.75 PPG (SLK) 30/50 WHITE 149,260 lbs 0.5-0.8 (SLK), 0.8-1.5 (20# GEL) & 1.5-3.0 (20# HYBOR) SLK WTR 135,866 GAL, 20# GEL 38,498 GAL, 20# HYBOR 33,972 BBL.BTR 5231 BBLs.</p> <p>STAGE SCORE 10</p> <p>RD CANDY CANES FOR FRAC HEAD.</p>
09:15	1.25	10:30	WLWK	Wireline	<p>KILL PLUG- PU 5-1/2" HES PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 2100 PSI. RIH AND CORRELATE TO SHORT JT 6764'-6787'. SET KILL PLUG AT 6810' WITH 1650 PSI. BLEED OFF AS POOH.</p>
10:30	2.00	12:30	SRIG	Rig Up/Down	RDMO HES AND CUTTERS FRAC FLEET.
12:30	17.50	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE. STACK FRAC WTR. MOVE OFF FRAC LINE.

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: fee
		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 7-10-3-2
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047538840000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U		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: 11/6/2014	<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 type="text" value="SSD"/>

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

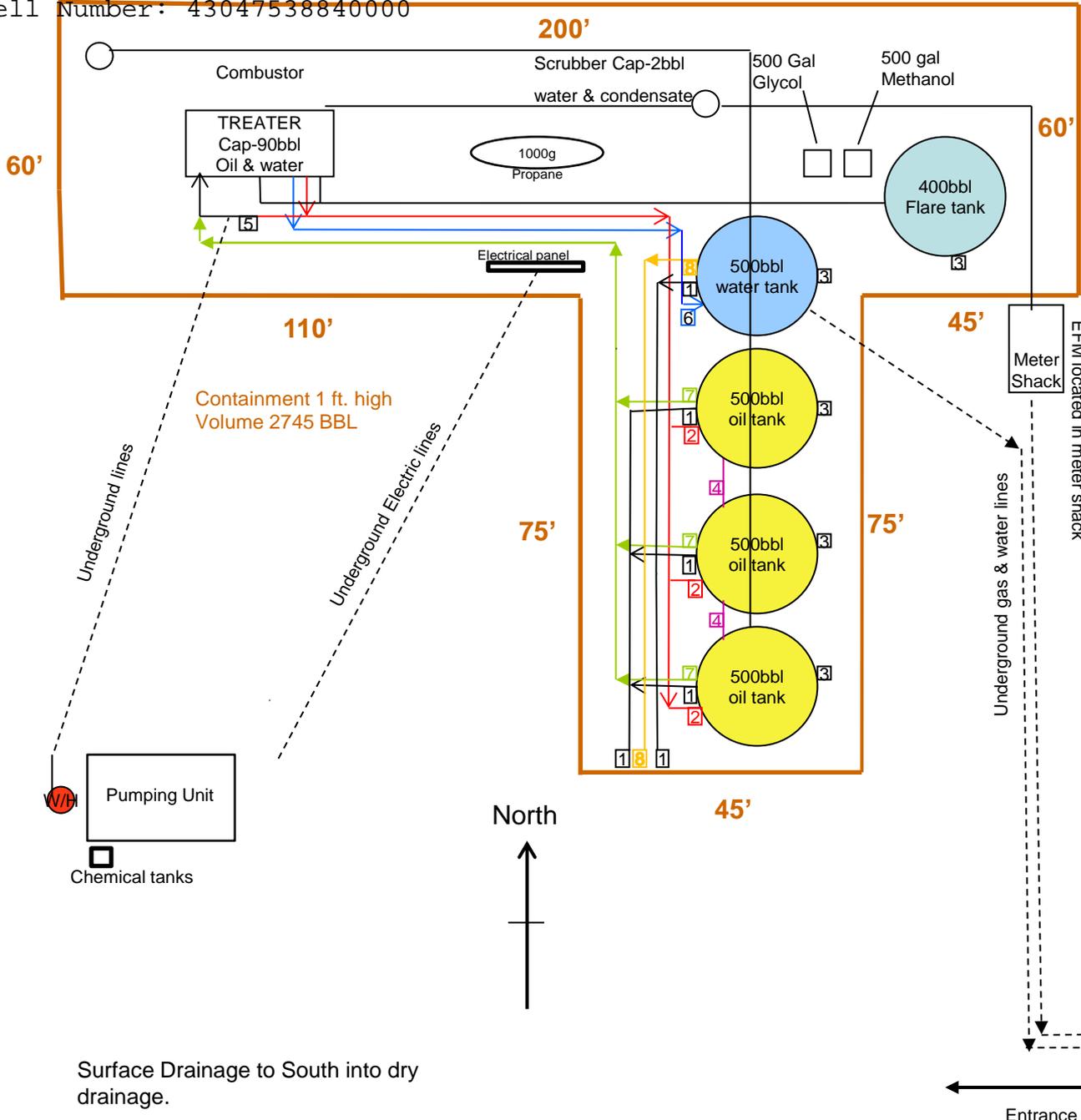
ATTACHED PLEASE FIND THE SITE FACILITY DIAGRAM/SITE SECURITY.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 12, 2014**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 11/6/2014	

BILL BARRETT CORPORATION
FEE
 FD 7-10-3-2
 SW¼ NE¼, SEC.10,T3S,R2E,
 Lease # FEE
 API # 43-047-53884
 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 into dry drainage.

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

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
FD 7-10-3-2

9. API NUMBER:
4304753884

10 FIELD AND POOL, OR WILDCAT
Moffat Canal

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SWNE 10 3S 2E U

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. NAME OF OPERATOR:
Bill Barrett Corporation

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

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **1810 FNL 1378 FEL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **1813 FNL 1392 FEL**
AT TOTAL DEPTH: **1863 FNL 1367 FEL**

14. DATE SPUNNED: **7/22/2014** 15. DATE T.D. REACHED: **10/7/2014** 16. DATE COMPLETED: **10/31/2014** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
4864 GL

18. TOTAL DEPTH: MD **8,610** TVD **8,608** 19. PLUG BACK T.D.: MD **8,507** TVD **8,505** 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL/TRIPLECOMBO/MUD

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 Conq	65#	0	80	80			0	
12 1/4	8 5/8 J-55	36#	0	1,225	1,214	Lead 160 Tail 330	90 78	0	
7 7/8	5 1/2 I-80	17#	0	8,610	8,600	Tuned 480 ECON 725	205 500	1444	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	6,996							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	6,891	8,333		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
6,891 8,333	.38	159	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6891-8333	Green River: See attached Stage 1-4

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

POW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/31/2014		TEST DATE: 11/1/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 243	GAS - MCF: 78	WATER - BBL: 960	PROD. METHOD: Flowing
CHOKE SIZE: 24/64	TBG. PRESS. 450	CSG. PRESS. 260	API GRAVITY 31.00	BTU - GAS 1	GAS/OIL RATIO 321	24 HR PRODUCTION RATES: →	OIL - BBL: 243	GAS - MCF: 78	WATER - BBL: 960	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	4,479
				Mahogany	5,795
				TGR3	6,883
				Douglas Creek	7,031
				Black Shale Facies	7,669
				Castle Peak	7,748
				Uteland Butte	7,974
				Wasatch	8,600
				TD	8,610

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 11/2/2014, first oil sales 11/6/2014.

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

NAME (PLEASE PRINT) Christina Hirtler TITLE Permit Analyst
 SIGNATURE _____ DATE 11/26/2014

This report must be submitted within 30 days of

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

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

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

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

7-10-3-2 FD Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>bbls Slurry</u>	<u>Common White 100 Mesh</u>	<u>lbs 30/50 Premium White</u>	<u>gal 15% HCl Acid</u>
1	5301	8,000	149,900	4,400
2	5252	8,000	150,000	3,900
3	5228	8,000	157,600	3,900
4	5231	10,140	149,260	3,400

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



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-10-3-2
Project:	Fort Duchesne	TVD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Site:	SECTION 10 T3S, R2E	MD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Well:	FD 7-10-3-2	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 10 T3S, R2E		
Site Position:		Northing:	11,146,830.76 usft
From:	Lat/Long	Easting:	2,129,957.05 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 14' 5.610 N
		Longitude:	109° 44' 53.030 W
		Grid Convergence:	1.07 °

Well	FD 7-10-3-2, SHL: 40° 14' 19.220 -109° 45' 10.620					
Well Position	+N/-S	0.0 usft	Northing:	11,148,183.44 usft	Latitude:	40° 14' 19.220 N
	+E/-W	0.0 usft	Easting:	2,128,566.14 usft	Longitude:	109° 45' 10.620 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,877.0 usft	Ground Level:	4,864.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/7/2014	10.80	65.93	52,104

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	168.86	

Survey Program	Date	10/13/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
208.0	8,610.0	Survey #1 (Wellbore #1)	MWD	MWD v3:standard declination

Sundry Number : 58264 API Well Number : 43047538840000

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Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-10-3-2
Project:	Fort Duchesne	TVD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Site:	SECTION 10 T3S, R2E	MD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Well:	FD 7-10-3-2	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	0.00
208.0	0.09	82.47	208.0	0.0	0.0	0.2	0.04	0.04	0.00	0.00
299.0	0.26	120.71	299.0	0.2	-0.1	0.4	0.22	0.19	42.02	42.02
391.0	0.18	131.34	391.0	0.4	-0.3	0.7	0.10	-0.09	11.55	11.55
482.0	0.26	126.77	482.0	0.7	-0.5	1.0	0.09	0.09	-5.02	-5.02
574.0	0.31	112.75	574.0	1.0	-0.7	1.4	0.09	0.05	-15.24	-15.24
688.0	0.52	136.13	688.0	1.6	-1.2	2.0	0.23	0.18	20.51	20.51
773.0	0.57	132.88	773.0	2.2	-1.8	2.6	0.07	0.06	-3.82	-3.82
857.0	0.61	135.52	857.0	3.0	-2.4	3.2	0.06	0.05	3.14	3.14
941.0	0.62	166.01	941.0	3.8	-3.1	3.6	0.39	0.01	36.30	36.30
1,026.0	0.57	170.37	1,026.0	4.7	-4.0	3.8	0.08	-0.06	5.13	5.13
1,110.0	0.53	183.72	1,110.0	5.5	-4.8	3.9	0.16	-0.05	15.89	15.89
1,157.0	0.62	198.14	1,157.0	5.9	-5.3	3.8	0.36	0.19	30.68	30.68
1,227.0	0.71	200.05	1,227.0	6.6	-6.0	3.5	0.13	0.13	2.73	2.73
1,311.0	0.62	225.74	1,311.0	7.3	-6.8	3.0	0.37	-0.11	30.58	30.58
1,395.0	0.62	205.65	1,395.0	7.9	-7.6	2.5	0.26	0.00	-23.92	-23.92
1,480.0	0.49	51.06	1,480.0	8.1	-7.7	2.6	1.27	-0.15	-181.87	-181.87
1,564.0	1.41	349.22	1,563.9	6.9	-6.5	2.6	1.49	1.10	-73.62	-73.62
1,648.0	1.10	345.74	1,647.9	5.1	-4.7	2.2	0.38	-0.37	-4.14	-4.14
1,732.0	1.02	343.93	1,731.9	3.5	-3.2	1.8	0.10	-0.10	-2.15	-2.15
1,817.0	1.19	337.85	1,816.9	1.9	-1.7	1.3	0.24	0.20	-7.15	-7.15
1,901.0	1.68	0.15	1,900.9	-0.2	0.4	1.0	0.87	0.58	26.55	26.55
1,986.0	1.50	348.43	1,985.8	-2.5	2.7	0.8	0.44	-0.21	-13.79	-13.79
2,070.0	1.19	348.43	2,069.8	-4.5	4.6	0.4	0.37	-0.37	0.00	0.00
2,154.0	1.10	349.53	2,153.8	-6.2	6.3	0.0	0.11	-0.11	1.31	1.31
2,239.0	1.19	348.74	2,238.8	-7.9	8.0	-0.3	0.11	0.11	-0.93	-0.93
2,323.0	1.10	344.73	2,322.8	-9.5	9.6	-0.7	0.14	-0.11	-4.77	-4.77

Sundry Number : 58264 API Well Number : 43047538840000

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Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-10-3-2
Project:	Fort Duchesne	TVD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Site:	SECTION 10 T3S, R2E	MD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Well:	FD 7-10-3-2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
2,408.0	1.10	339.44	2,407.7	-11.2	11.1	-1.2	0.12	0.00	-6.22	
2,492.0	0.80	330.85	2,491.7	-12.5	12.4	-1.7	0.39	-0.36	-10.23	
2,576.0	0.80	318.56	2,575.7	-13.6	13.4	-2.4	0.20	0.00	-14.63	
2,661.0	0.62	327.06	2,660.7	-14.5	14.2	-3.1	0.24	-0.21	10.00	
2,745.0	0.62	302.25	2,744.7	-15.2	14.8	-3.7	0.32	0.00	-29.54	
2,829.0	0.62	297.84	2,828.7	-15.8	15.3	-4.5	0.06	0.00	-5.25	
2,914.0	0.62	280.96	2,913.7	-16.3	15.6	-5.3	0.21	0.00	-19.86	
2,998.0	0.62	299.73	2,997.7	-16.8	15.9	-6.2	0.24	0.00	22.35	
3,082.0	0.62	276.95	3,081.7	-17.2	16.2	-7.0	0.29	0.00	-27.12	
3,167.0	0.62	264.72	3,166.7	-17.4	16.2	-7.9	0.16	0.00	-14.39	
3,251.0	0.71	279.15	3,250.7	-17.6	16.2	-8.9	0.23	0.11	17.18	
3,335.0	1.41	330.23	3,334.7	-18.8	17.2	-9.9	1.32	0.83	60.81	
3,420.0	1.28	320.14	3,419.6	-20.6	18.8	-11.0	0.32	-0.15	-11.87	
3,504.0	1.28	320.62	3,503.6	-22.3	20.3	-12.2	0.01	0.00	0.57	
3,588.0	1.50	325.25	3,587.6	-24.1	21.9	-13.5	0.29	0.26	5.51	
3,673.0	1.28	325.95	3,672.6	-26.0	23.6	-14.6	0.26	-0.26	0.82	
3,757.0	2.21	8.74	3,756.5	-28.4	26.0	-14.9	1.83	1.11	50.94	
3,841.0	1.81	5.75	3,840.5	-31.2	28.9	-14.5	0.49	-0.48	-3.56	
3,926.0	1.81	3.32	3,925.4	-33.8	31.6	-14.3	0.09	0.00	-2.86	
4,010.0	1.41	9.14	4,009.4	-36.0	33.9	-14.1	0.51	-0.48	6.93	
4,094.0	1.10	4.82	4,093.4	-37.8	35.8	-13.8	0.39	-0.37	-5.14	
4,179.0	0.71	334.15	4,178.4	-39.1	37.0	-14.0	0.72	-0.46	-36.08	
4,263.0	0.31	214.33	4,262.4	-39.4	37.3	-14.4	1.08	-0.48	-142.64	
4,347.0	0.49	210.32	4,346.4	-39.0	36.8	-14.7	0.22	0.21	-4.77	
4,431.0	0.31	294.14	4,430.4	-38.8	36.6	-15.1	0.66	-0.21	99.79	
4,516.0	0.62	208.43	4,515.4	-38.6	36.3	-15.5	0.79	0.36	-100.84	
4,600.0	0.88	328.55	4,599.4	-38.9	36.4	-16.0	1.56	0.31	143.00	

Sundry Number : 58264 API Well Number : 43047538840000

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Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-10-3-2
Project:	Fort Duchesne	TVD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Site:	SECTION 10 T3S, R2E	MD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Well:	FD 7-10-3-2	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
4,685.0	0.40	6.23	4,684.4	-39.8	37.3	-16.4	0.72	-0.56	44.33	
4,769.0	0.31	19.86	4,768.4	-40.2	37.8	-16.2	0.15	-0.11	16.23	
4,853.0	0.71	121.66	4,852.4	-40.1	37.7	-15.7	0.99	0.48	121.19	
4,938.0	1.02	134.83	4,937.4	-39.1	36.9	-14.7	0.43	0.36	15.49	
5,022.0	0.40	190.36	5,021.3	-38.2	36.1	-14.3	1.02	-0.74	66.11	
5,106.0	0.62	177.84	5,105.3	-37.5	35.4	-14.3	0.29	0.26	-14.90	
5,191.0	0.31	89.36	5,190.3	-37.0	34.9	-14.0	0.81	-0.36	-104.09	
5,275.0	1.50	157.13	5,274.3	-35.9	33.9	-13.4	1.68	1.42	80.68	
5,359.0	0.88	118.53	5,358.3	-34.4	32.6	-12.4	1.17	-0.74	-45.95	
5,444.0	1.90	153.43	5,443.3	-32.6	31.0	-11.2	1.51	1.20	41.06	
5,528.0	1.90	152.15	5,527.2	-29.9	28.5	-9.9	0.05	0.00	-1.52	
5,612.0	2.21	155.55	5,611.2	-27.0	25.8	-8.6	0.40	0.37	4.05	
5,697.0	1.28	166.34	5,696.1	-24.5	23.4	-7.7	1.16	-1.09	12.69	
5,781.0	0.09	244.43	5,780.1	-23.5	22.5	-7.5	1.51	-1.42	92.96	
5,866.0	0.80	180.84	5,865.1	-22.9	21.9	-7.6	0.90	0.84	-74.81	
5,950.0	1.50	190.14	5,949.1	-21.3	20.2	-7.8	0.86	0.83	11.07	
6,035.0	2.39	189.04	6,034.1	-18.6	17.3	-8.3	1.05	1.05	-1.29	
6,120.0	1.28	245.35	6,119.0	-16.7	15.2	-9.4	2.34	-1.31	66.25	
6,203.0	0.80	252.63	6,202.0	-16.5	14.6	-10.8	0.60	-0.58	8.77	
6,288.0	1.50	212.44	6,287.0	-15.6	13.5	-12.0	1.21	0.82	-47.28	
6,372.0	1.90	193.75	6,371.0	-13.5	11.2	-12.9	0.81	0.48	-22.25	
6,456.0	2.21	184.45	6,454.9	-10.7	8.3	-13.4	0.54	0.37	-11.07	
6,541.0	1.02	219.05	6,539.9	-8.6	6.1	-14.0	1.75	-1.40	40.71	
6,625.0	1.50	183.92	6,623.9	-7.1	4.4	-14.5	1.06	0.57	-41.82	
6,709.0	1.90	181.24	6,707.8	-4.7	1.9	-14.6	0.49	0.48	-3.19	
6,794.0	1.81	169.74	6,792.8	-2.0	-0.8	-14.4	0.45	-0.11	-13.53	
6,878.0	1.41	148.45	6,876.7	0.3	-3.0	-13.6	0.85	-0.48	-25.35	

Sundry Number : 58264 API Well Number : 43047538840000

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Payzone Directional
End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 7-10-3-2
Project:	Fort Duchesne	TVD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Site:	SECTION 10 T3S, R2E	MD Reference:	FD 7-10-3-2 @ 4877.0usft (CAPSTAR 328)
Well:	FD 7-10-3-2	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)	
6,962.0	1.81	144.35	6,960.7	2.5	-5.0	-12.3	0.50	0.48	-4.88	
7,047.0	2.30	138.14	7,045.7	5.2	-7.4	-10.4	0.63	0.58	-7.31	
7,131.0	1.41	121.75	7,129.6	7.4	-9.1	-8.4	1.22	-1.06	-19.51	
7,215.0	1.99	113.24	7,213.6	8.9	-10.3	-6.2	0.75	0.69	-10.13	
7,300.0	1.99	119.63	7,298.5	10.7	-11.6	-3.5	0.26	0.00	7.52	
7,384.0	1.59	139.33	7,382.5	12.6	-13.2	-1.5	0.87	-0.48	23.45	
7,468.0	1.81	148.05	7,466.4	14.9	-15.2	0.0	0.40	0.26	10.38	
7,553.0	1.68	163.04	7,551.4	17.4	-17.5	1.0	0.56	-0.15	17.64	
7,637.0	1.59	159.42	7,635.4	19.8	-19.8	1.8	0.16	-0.11	-4.31	
7,721.0	1.81	158.68	7,719.3	22.2	-22.1	2.7	0.26	0.26	-0.88	
7,805.0	1.99	156.03	7,803.3	25.0	-24.7	3.8	0.24	0.21	-3.15	
7,890.0	1.99	156.56	7,888.2	27.8	-27.4	4.9	0.02	0.00	0.62	
7,961.0	2.21	163.52	7,959.2	30.4	-29.8	5.8	0.47	0.31	9.80	
8,045.0	2.12	164.84	8,043.1	33.6	-32.9	6.7	0.12	-0.11	1.57	
8,130.0	2.21	171.85	8,128.1	36.8	-36.0	7.3	0.33	0.11	8.25	
8,214.0	2.12	169.96	8,212.0	39.9	-39.2	7.8	0.14	-0.11	-2.25	
8,298.0	1.99	175.33	8,296.0	42.9	-42.1	8.2	0.28	-0.15	6.39	
8,383.0	2.12	171.32	8,380.9	46.0	-45.2	8.6	0.23	0.15	-4.72	
8,425.0	2.21	169.43	8,422.9	47.6	-46.7	8.9	0.27	0.21	-4.50	
8,509.0	2.30	166.25	8,506.8	50.9	-50.0	9.5	0.18	0.11	-3.79	
8,550.0	1.99	163.83	8,547.8	52.4	-51.4	9.9	0.79	-0.76	-5.90	
8,610.0	1.99	163.83	8,607.7	54.5	-53.4	10.5	0.00	0.00	0.00	

Checked By: _____ Approved By: _____ Date: _____

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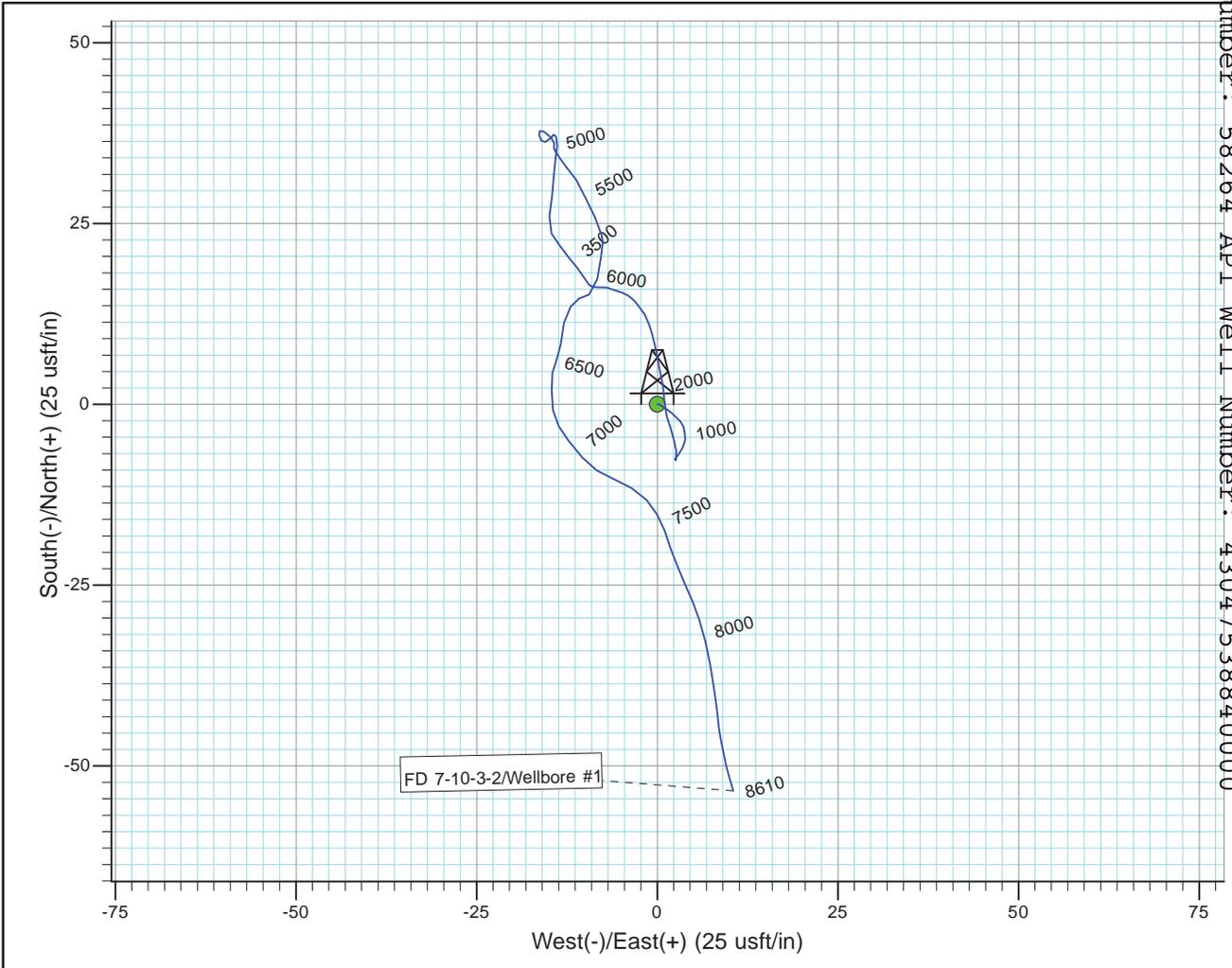
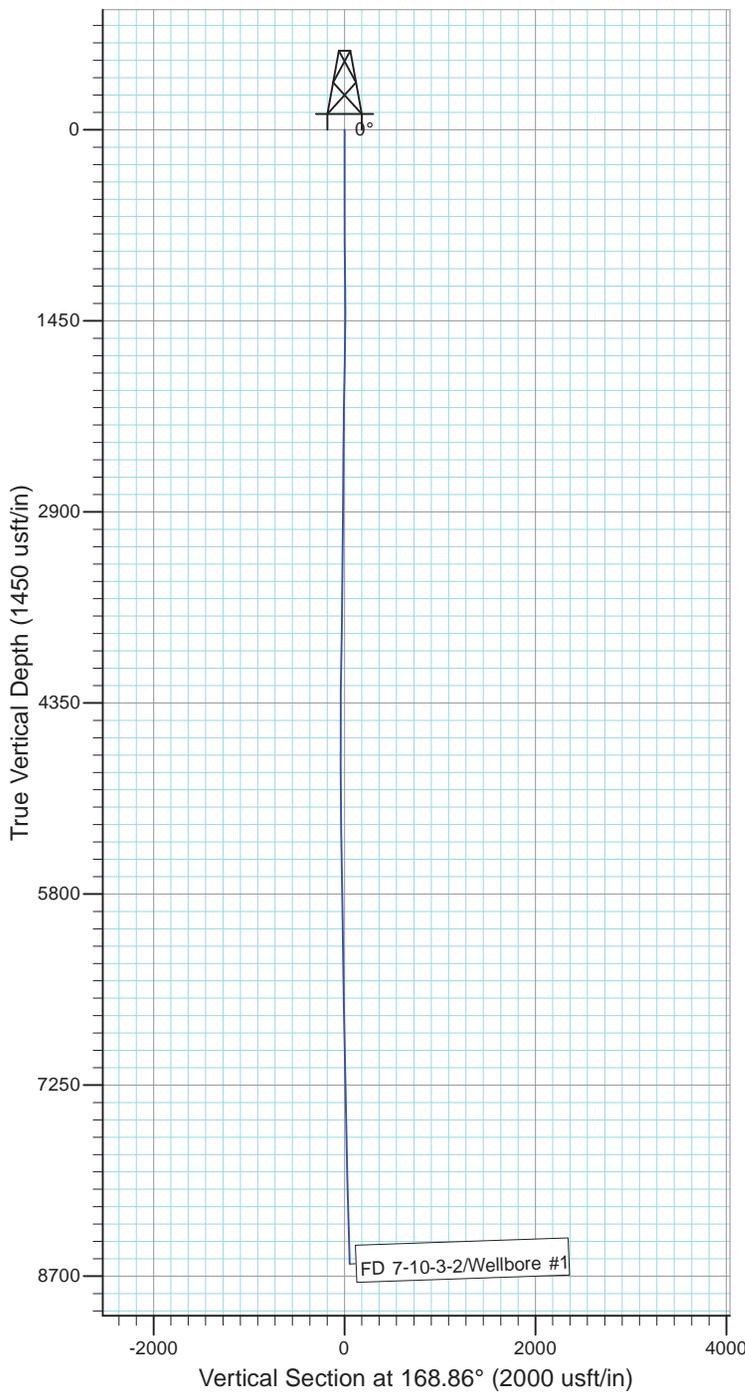
Sundry Number : 58264 API Well Number : 43047538840000



Project: Fort Duchesne
 Site: SECTION 10 T3S, R2E
 Well: FD 7-10-3-2
 Wellbore: Wellbore #1
 Design: Actual


 Azimuths to True North
 Magnetic North: 10.80°
 Magnetic Field
 Strength: 52103.5snT
 Dip Angle: 65.93°
 Date: 9/7/2014
 Model: IGRF2010

Survey Number: 58264 API Well Number: 43047538840000



Design: Actual (FD 7-10-3-2/Wellbore #1)

Created By: *Matthew Linton* Date: 7:57, October 13 2014

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	8. WELL NAME and NUMBER: FD 7-10-3-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U	9. API NUMBER: 43047538840000
PHONE NUMBER: 303 312-8134 Ext	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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/30/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="pit closure extension reques"/>

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

BBC is requesting permission to leave this pit open until 9/30/2015 due to inclement weather conditions. BBC will continue with pit closure in the summer, when more favorable weather conditions allow. A follow up sundry will be submitted with the date of pit closure.

Approved by the
March 06, 2015
Oil, Gas and Mining

Date: _____
 By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/19/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: fee
	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 7-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047538840000
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: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U	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"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/26/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

THE PIT WAS CLOSED AND INTERIM RECLAMATION ON THIS PAD WAS
 DONE ON 9/26/2015

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 02, 2015

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 10/13/2015	

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: fee
	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 7-10-3-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047538840000
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: 1810 FNL 1378 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 03.0S Range: 02.0E Meridian: U	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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/10/2017	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" 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="extended 1 year SI"/>

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

This well was shut in on 12/10/15 due to a rod part & high water production. Due to low commodity prices, well has been left SI & on 12/10/16 it will be SI for 1 year. Current economics don't justify RTP. For this reason, BBC is requesting an addtl 1 year SI, before a MIT is required (12/10/17). Well currently has 15 psi tbg, 30 psi csg, 0 psi Braden Head. With minimal to zero Braden Head pressure & 30 psi csg pressure, it is evident that the 5-1/2" prod. csg has full integrity & all formations are protected. Fluid level was found at surface with TOC at 1300'. Surface csg is set at 1214'. Well was drilled & completed 10/2014. Well is SI at the wellhead & all srfc equipment has been drained & winterized. Well is still on an active lease operator route & is checked frequently for any surface & potential downhole issues. Well would be RTP if economics justify at a higher commodity price

Approved by the
 Utah Division of
 Oil, Gas and Mining
 Date: January 17, 2017
 By: *Derek Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 12/5/2016



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047538840000

Extension valid through 12/10/2017. Operator shall record tubing, casing and bradenhead pressures frequently and report these pressures in table form via sundry notice to the Division on a quarterly basis. Any significant changes to casing pressure or any pressure on the Bradenhead shall be reported to the Division immediately. Remedial action may be necessary.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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	COUNTY: UINTAH
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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: 1/27/2017	<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="quarterly monitoring"/>

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

BBC is submitting this sundry to inform UDOGM that on 1/27/2017 there was 15 psi on tubing and 32 psi on casing and 0 psi on Braden head when we opened the well up for 5 minutes. We shut the well back in and will check again qtrly per COAs following BBC's request for continued shut in status that was approved on 1/17/2017.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 February 02, 2017**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/27/2017	