

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 11-32-2-2						
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) <small>fee</small>			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') VERNON RICHENS						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-545-2535						
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO BOX 722, FT DUCHESNE, UT 84026						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')						
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input 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		1833 FSL 1496 FWL		NESW		32		2.0 S		2.0 E		U
Top of Uppermost Producing Zone		1833 FSL 1496 FWL		NESW		32		2.0 S		2.0 E		U
At Total Depth		1833 FSL 1496 FWL		NESW		32		2.0 S		2.0 E		U
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 821			23. NUMBER OF ACRES IN DRILLING UNIT 640						
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2659			26. PROPOSED DEPTH MD: 9966 TVD: 9966						
27. ELEVATION - GROUND LEVEL 5102			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-1645						
Hole, Casing, and Cement Information												
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement			Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.7	No Used			0	0.0	0.0
SURF	12.25	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 - 9966	17.0	P-110 LT&C	9.5	Unknown			780	2.31	11.0
							Unknown			400	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 43047538800000				APPROVAL  Permit Manager								

BILL BARRETT CORPORATION
DRILLING PLAN

FD 11-32-2-2

NESW, 1833' FSL and 1496' FWL, Section 32, T2S-R2E, USB&M (surface hole)

NESW, 1833' FSL and 1496' FWL, Section 32, T2S-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	5134'
TGR3*	7578'
Douglas Creek	7757'
Black Shale	8347'
Castle Peak	8493'
Uteland Butte	8680'
Wasatch*	9166'
TD	9966'

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

Base of Useable Water = 4167'

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 11-32-2-2
 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: 780 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,000' Tail: 400 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 7847'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<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 4923 psi* and maximum anticipated surface pressure equals approximately 2730 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 11-32-2-2
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: DEC 2013
Spud: DEC 2013
Duration: 15 days drilling time
6 days completion time

12. Appendix A

9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

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



Bill Barrett Corporation

AURORA CEMENT VOLUMES

Well Name: FD 11-32-2-2

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

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:	9,966'
Top of Cement:	1,000'
Top of Tail:	7,847'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1779.4	ft ³
Lead Fill:	6,847'	
Tail Volume:	550.7	ft ³
Tail Fill:	2,119'	

Cement Data:

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

Calculated # of Sacks:

# SK's Lead:	780
# SK's Tail:	400

FD 11-32-2-2 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 - (7847' - 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: 6,847'
	Volume: 316.90 bbl
	Proposed Sacks: 780 sks
Tail Cement - (9966' - 7847')	
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: 7,847'
	Calculated Fill: 2,119'
	Volume: 98.08 bbl
	Proposed Sacks: 400 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

Blow-Out Preventer

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

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

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

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

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

D. Choke Manifold Equipment:

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

E. Accumulator:

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

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

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

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

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

F. Miscellaneous Information:

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

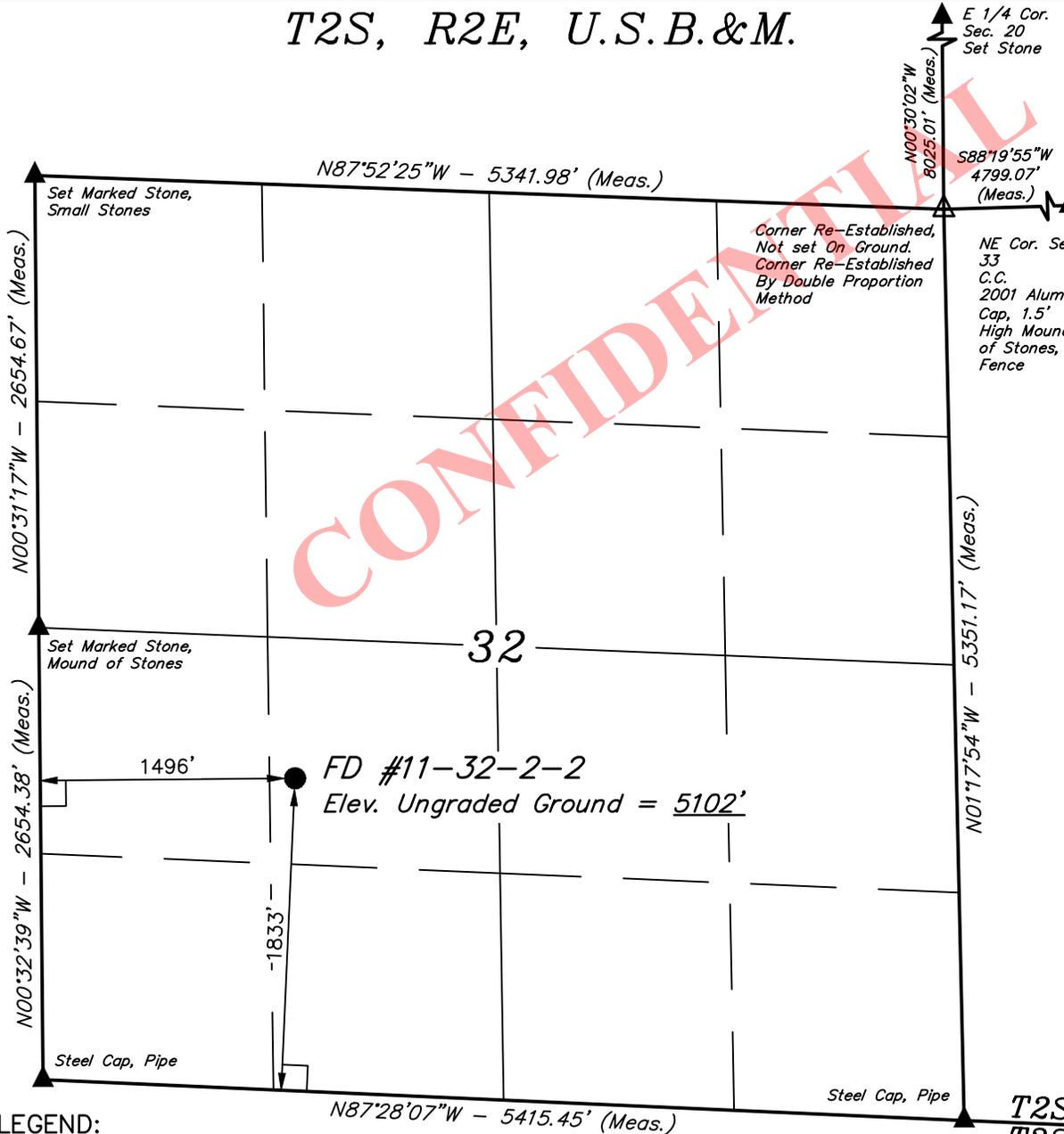
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

CONFIDENTIAL

T2S, R2E, U.S.B.&M.

BILL BARRETT CORPORATION

Well location, FD #11-32-2-2, located as shown in the NE 1/4 SW 1/4 of Section 32, T2S, R2E, U.S.B.&M., Uintah County, Utah.

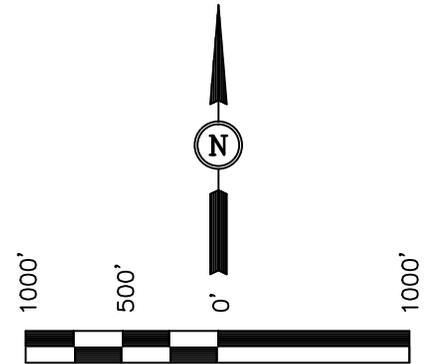


BASIS OF ELEVATION

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 K. V.
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

LEGEND:

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

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°15'48.24" (40.263400)	
LONGITUDE = 109°47'50.53" (109.797369)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°15'48.38" (40.263439)	
LONGITUDE = 109°47'48.01" (109.796669)	

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

SCALE 1" = 1000'	DATE SURVEYED: 04-02-13	DATE DRAWN: 04-04-13
PARTY C.R. A.W. H.K.W.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

RECEIVED: June 18, 2013

BILL BARRETT CORPORATION

FD #11-32-2-2

LOCATED IN UINTAH COUNTY, UTAH
SECTION 32, T2S, R2E, U.S.B.&M.

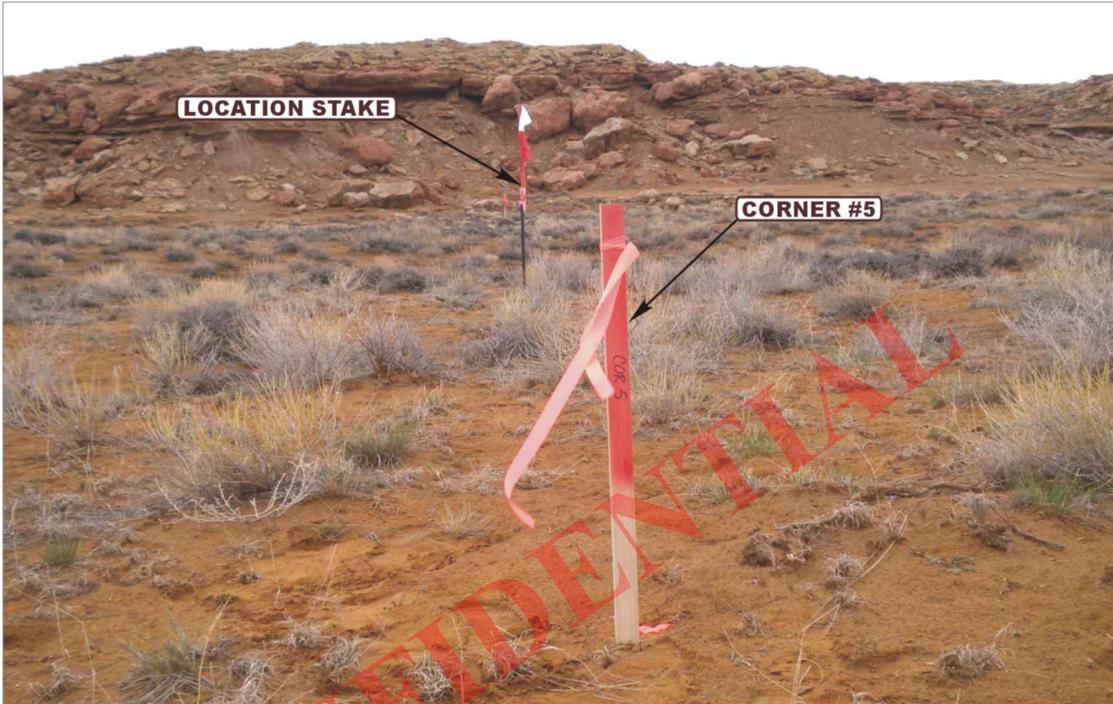


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

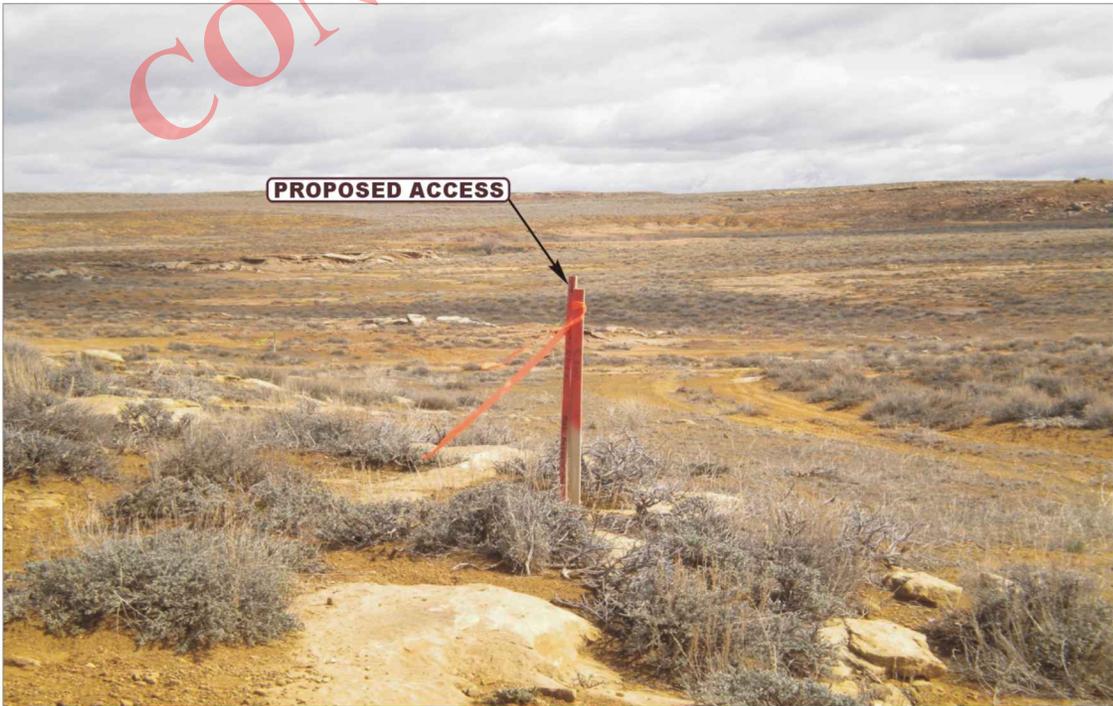


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



Since 1964

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

LOCATION PHOTOS	04	04	13	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: C.R.	DRAWN BY: S.O.		REVISED: 00-00-00	

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

FD #11-32-2-2

SECTION 32, T2S, R2E, U.S.B.&M.

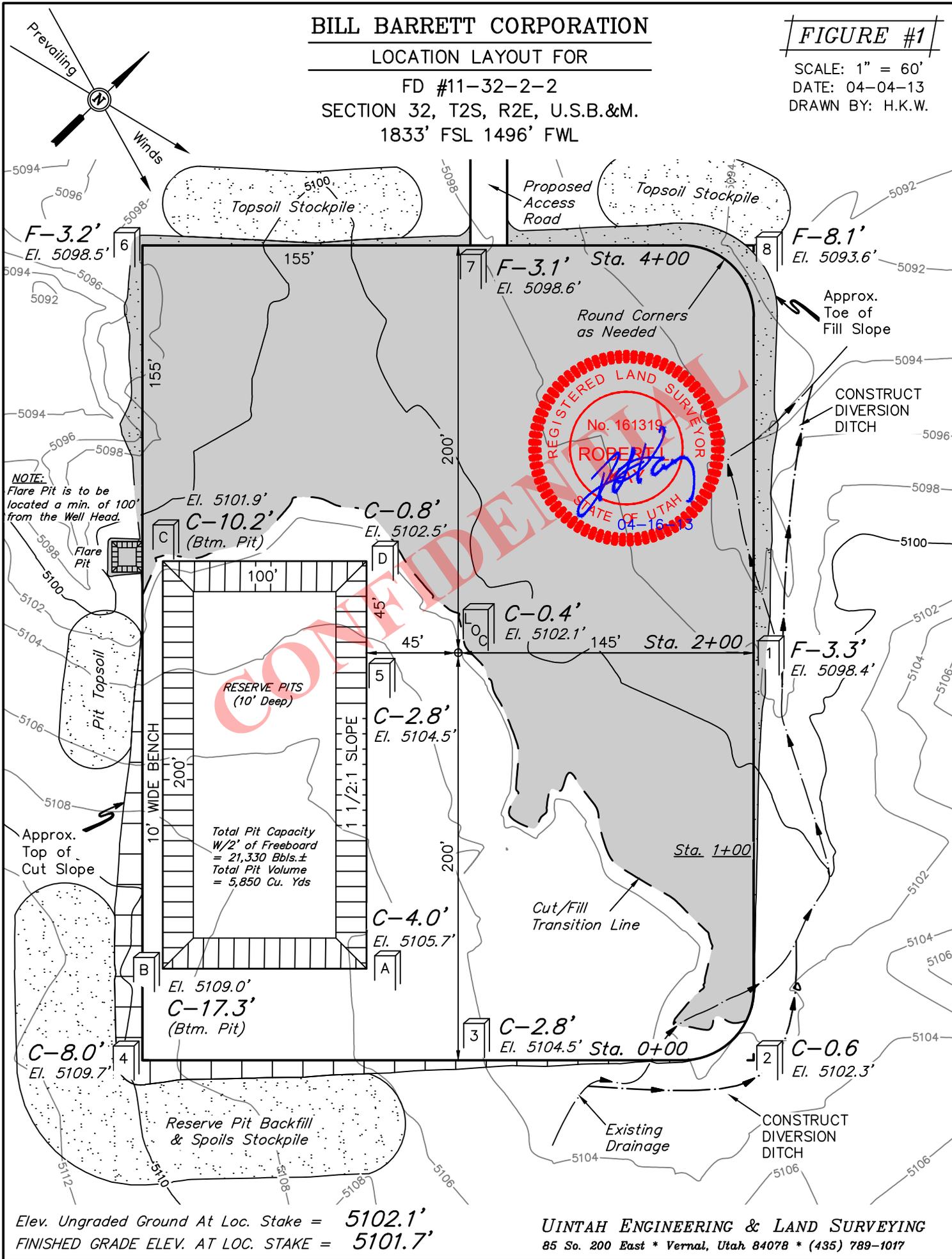
1833' FSL 1496' FWL

FIGURE #1

SCALE: 1" = 60'

DATE: 04-04-13

DRAWN BY: H.K.W.



RECEIVED: June 18, 2013

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

FD #11-32-2-2

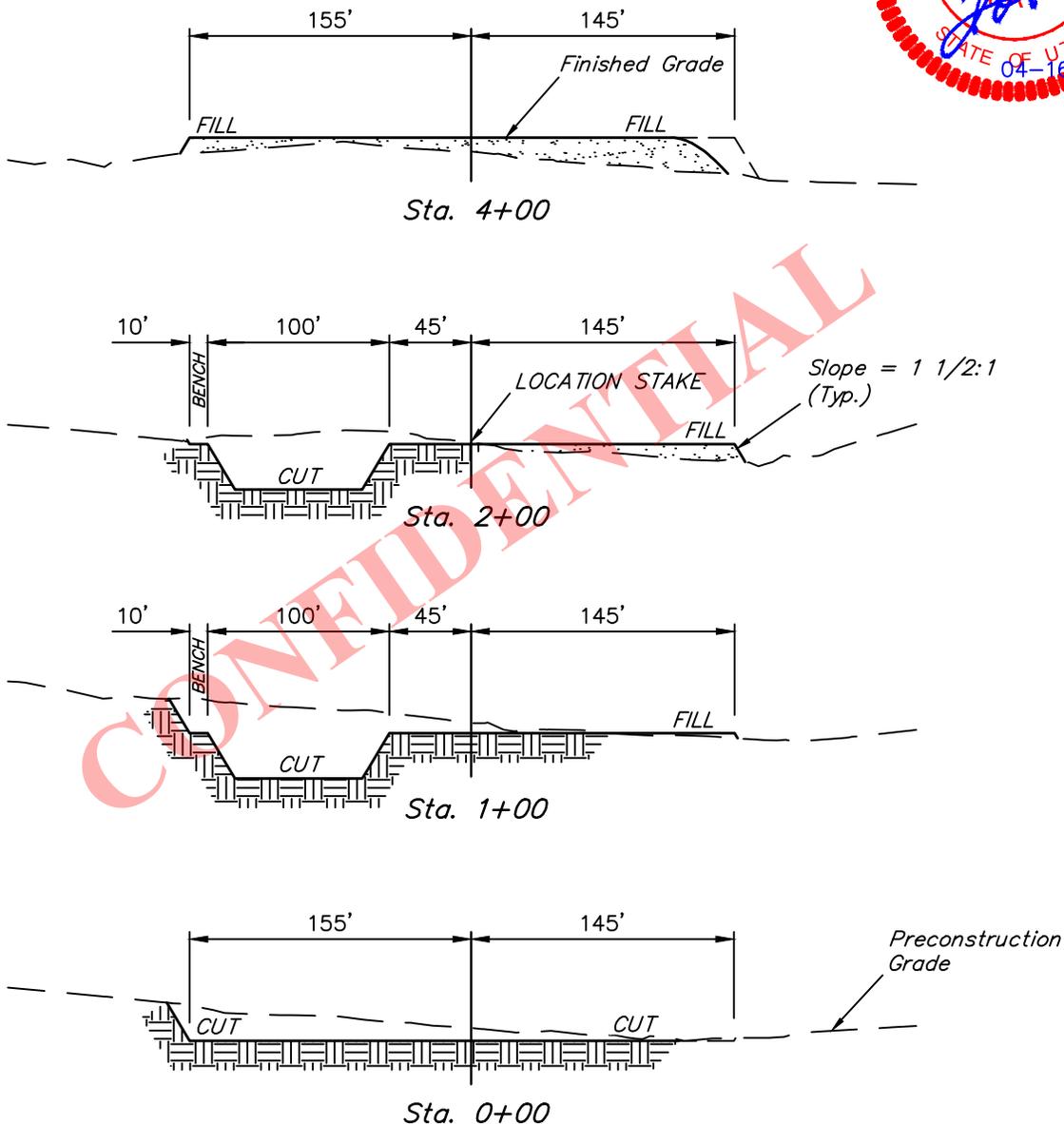
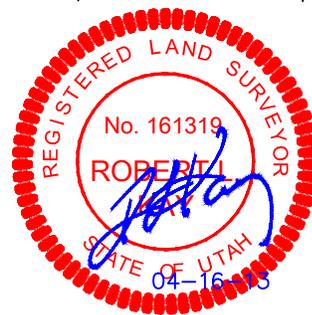
SECTION 32, T2S, R2E, U.S.B.&M.

1833' FSL 1496' FWL

FIGURE #2

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

DATE: 04-04-13
DRAWN BY: H.K.W.



NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 4.860 ACRES
ACCESS ROAD DISTURBANCE	= ± 1.185 ACRES
PIPELINE DISTURBANCE	= ± 1.212 ACRES
TOTAL	= ± 7.257 ACRES

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 2,380 Cu. Yds.
Remaining Location	= 11,270 Cu. Yds.
TOTAL CUT	= 13,650 CU. YDS.
FILL	= 8,340 CU. YDS.

EXCESS MATERIAL	= 5,310 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 5,310 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 #11-32-2-2

SECTION 32, T2S, R2E, U.S.B.&M.

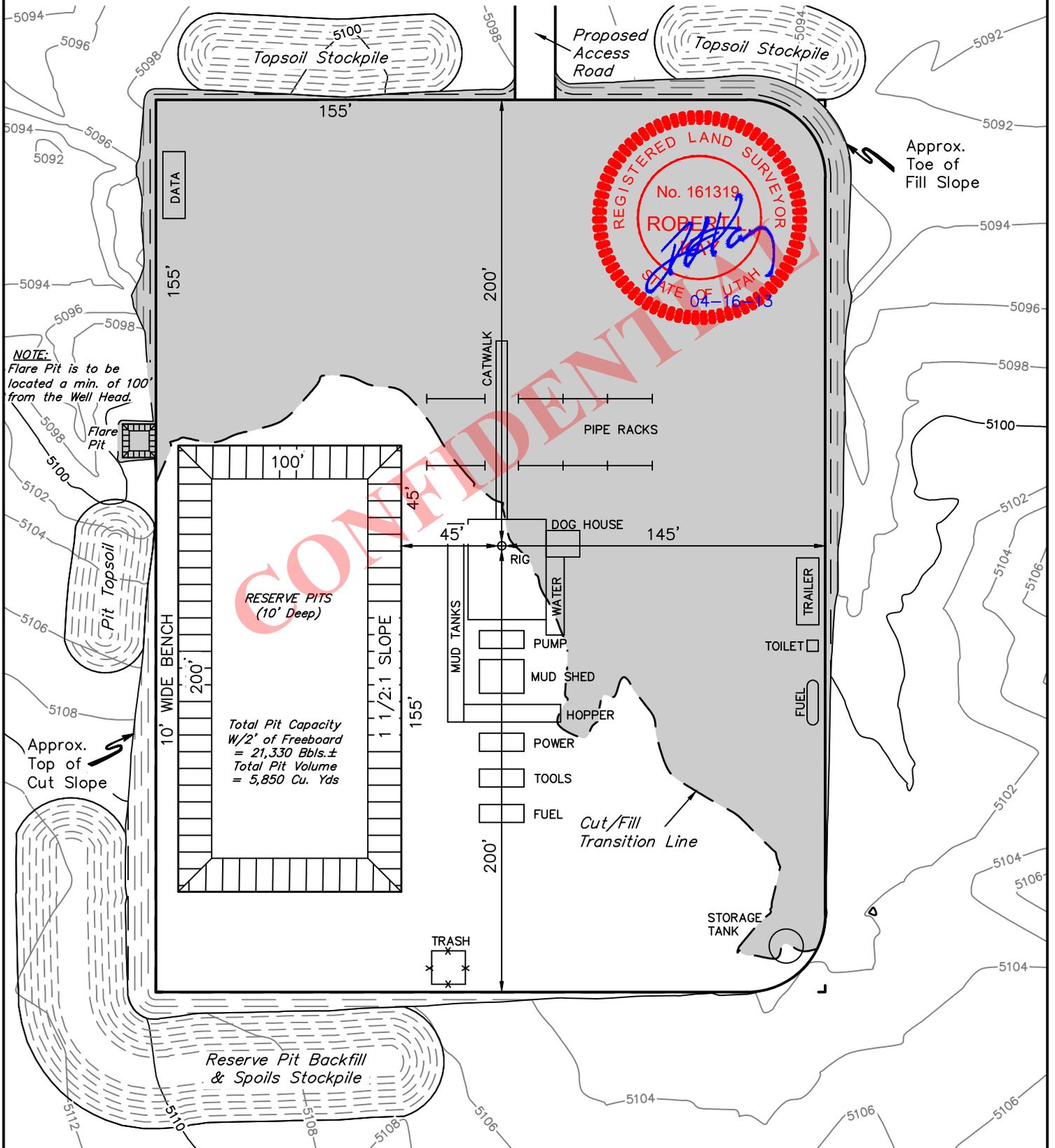
1833' FSL 1496' FWL

FIGURE #3

SCALE: 1" = 60'

DATE: 04-04-13

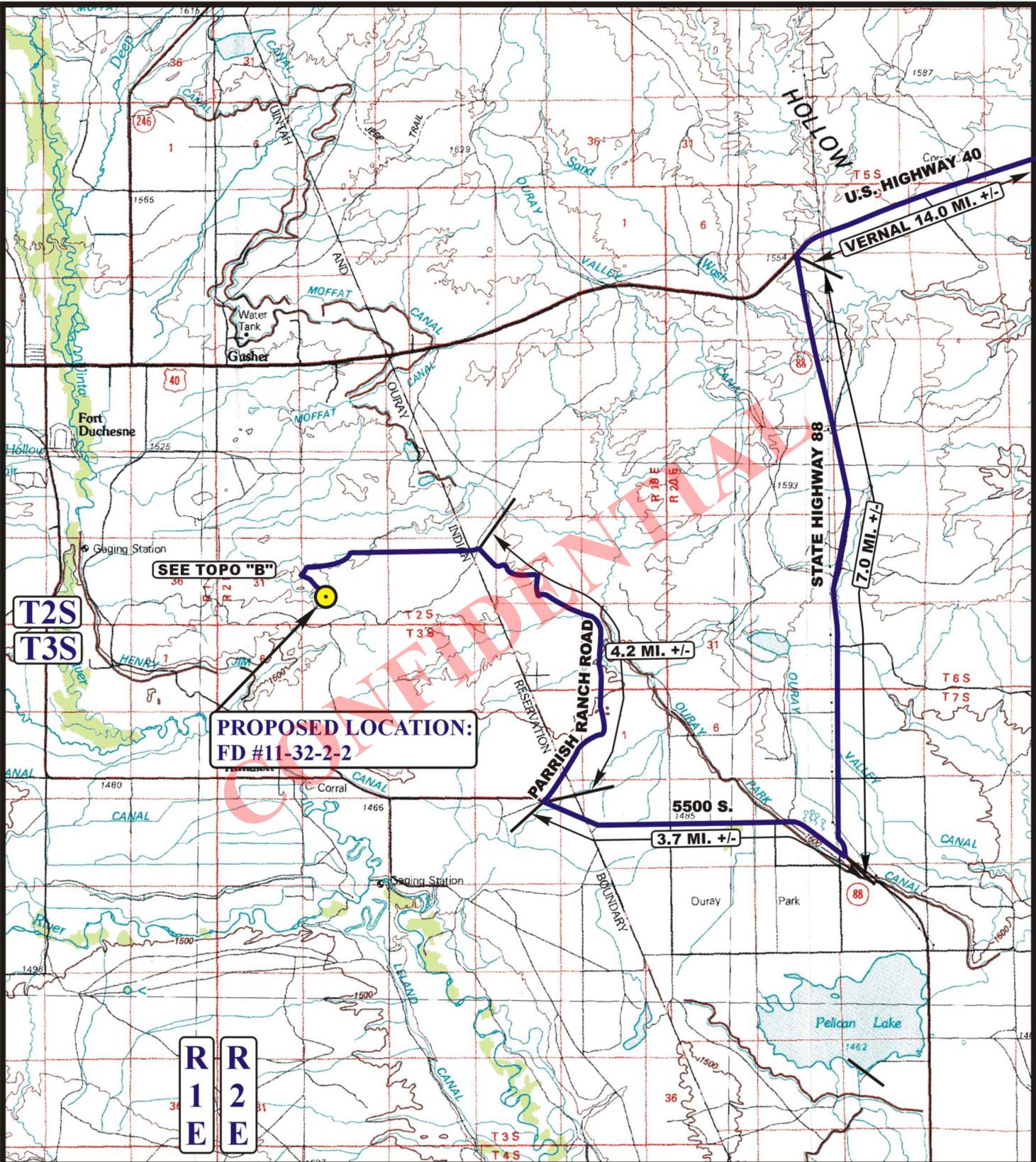
DRAWN BY: H.K.W.



BILL BARRETT CORPORATION
FD #11-32-2-2
SECTION 32, T2S, 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 THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 7.0 MILES TO THE JUNCTION OF THIS ROAD AND 5500 S. TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND PARRISH RANCH ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY, THEN NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE FD #3-33-2-2 TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 3,435' TO THE PROPOSED LOCATION AND THE BEGINNING OF THE PROPOSED ACCESS FOR THE FD #3-32-2-2 TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 4,560' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE FD #3-31-2-2 TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A WESTERLY THEN SOUTHERLY DIRECTION APPROXIMATELY 3,079' TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE FD #9-31-2-2 TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 433' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1,788' TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 31.4 MILES.



SEE TOPO "B"

**PROPOSED LOCATION:
FD #11-32-2-2**

LEGEND:

PROPOSED LOCATION



BILL BARRETT CORPORATION

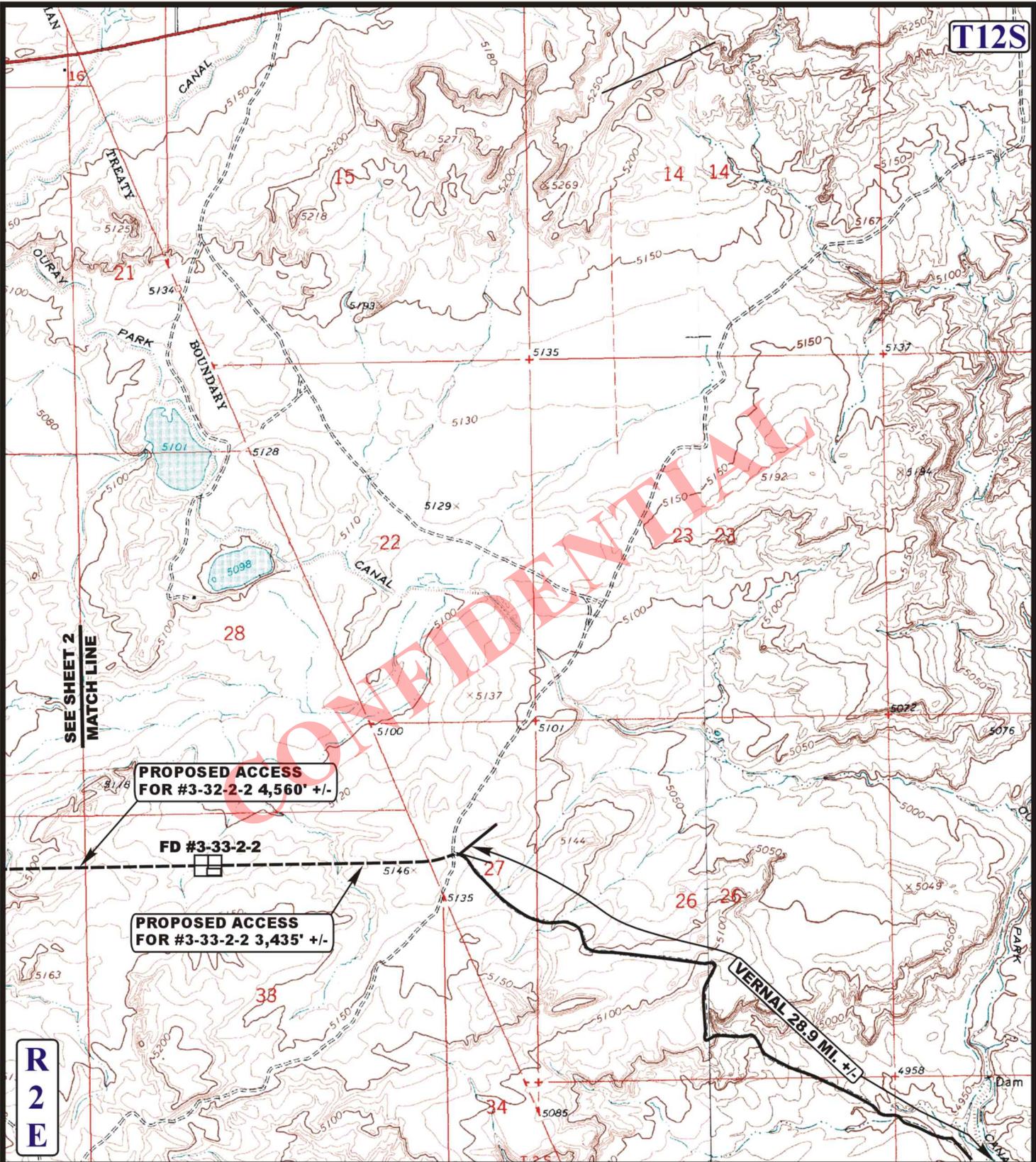
**FD #11-32-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
1833' FSL 1496' FWL**



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

ACCESS ROAD MAP	04 MONTH	04 DAY	13 YEAR	
SCALE: 1:100,000	DRAWN BY: S.O.		REVISED: 00-00-00	

T12S



SEE SHEET 2
MATCH LINE

PROPOSED ACCESS
FOR #3-32-2-2 4,560' +/-

FD #3-33-2-2

PROPOSED ACCESS
FOR #3-33-2-2 3,435' +/-

R
2
E

VERNAL 28.9 MI. +/-

LEGEND:

————— EXISTING ROAD



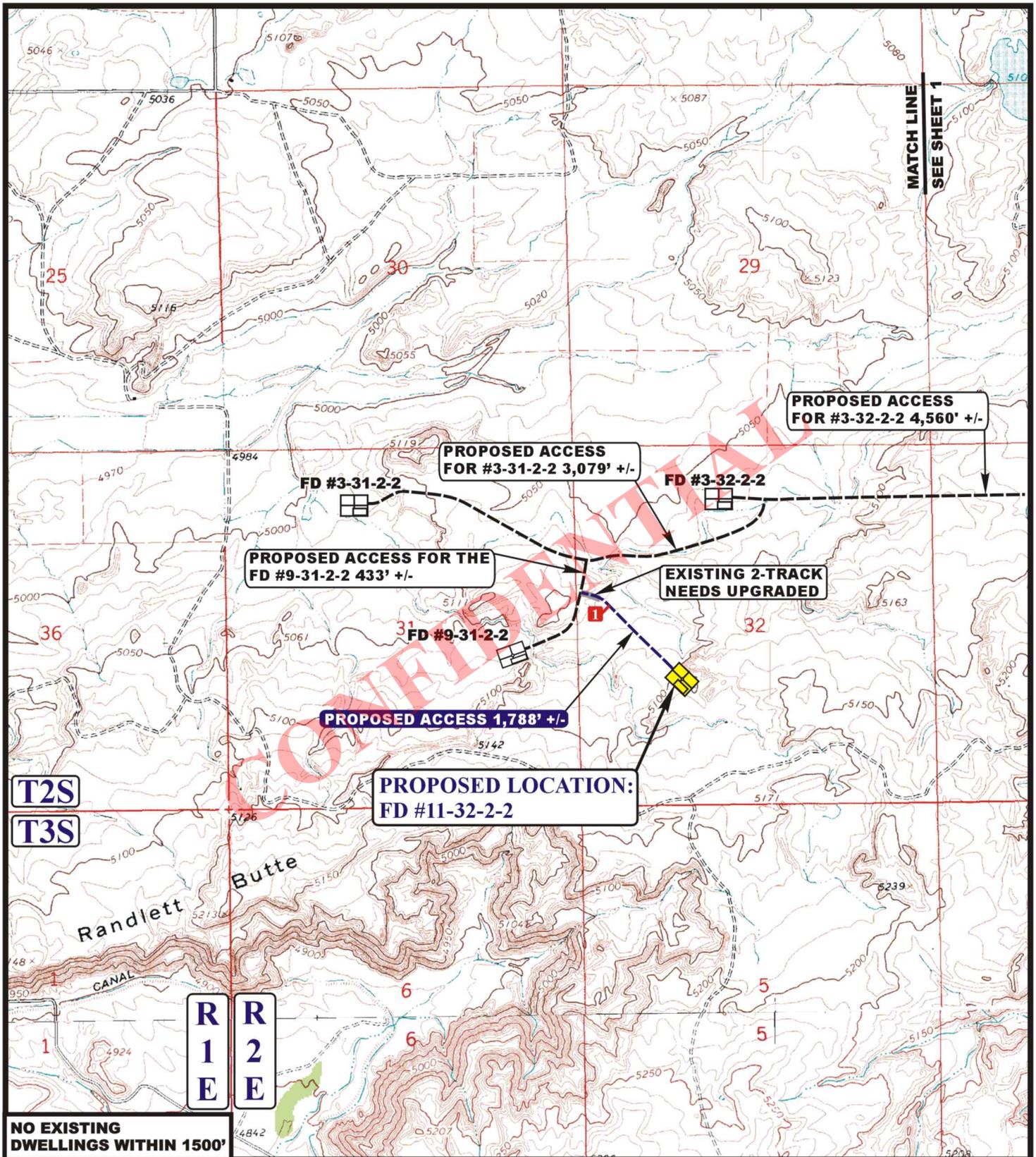
BILL BARRETT CORPORATION

FD #11-32-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
1833' FSL 1496' FWL



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

ACCESS ROAD MAP	04	04	13	B1 TOPO
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: S.O.		REVISED: 00-00-00	



NO EXISTING DWELLINGS WITHIN 1500'

LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING 2-TRACK NEEDS UPGRADED
-  18" CMP REQUIRED

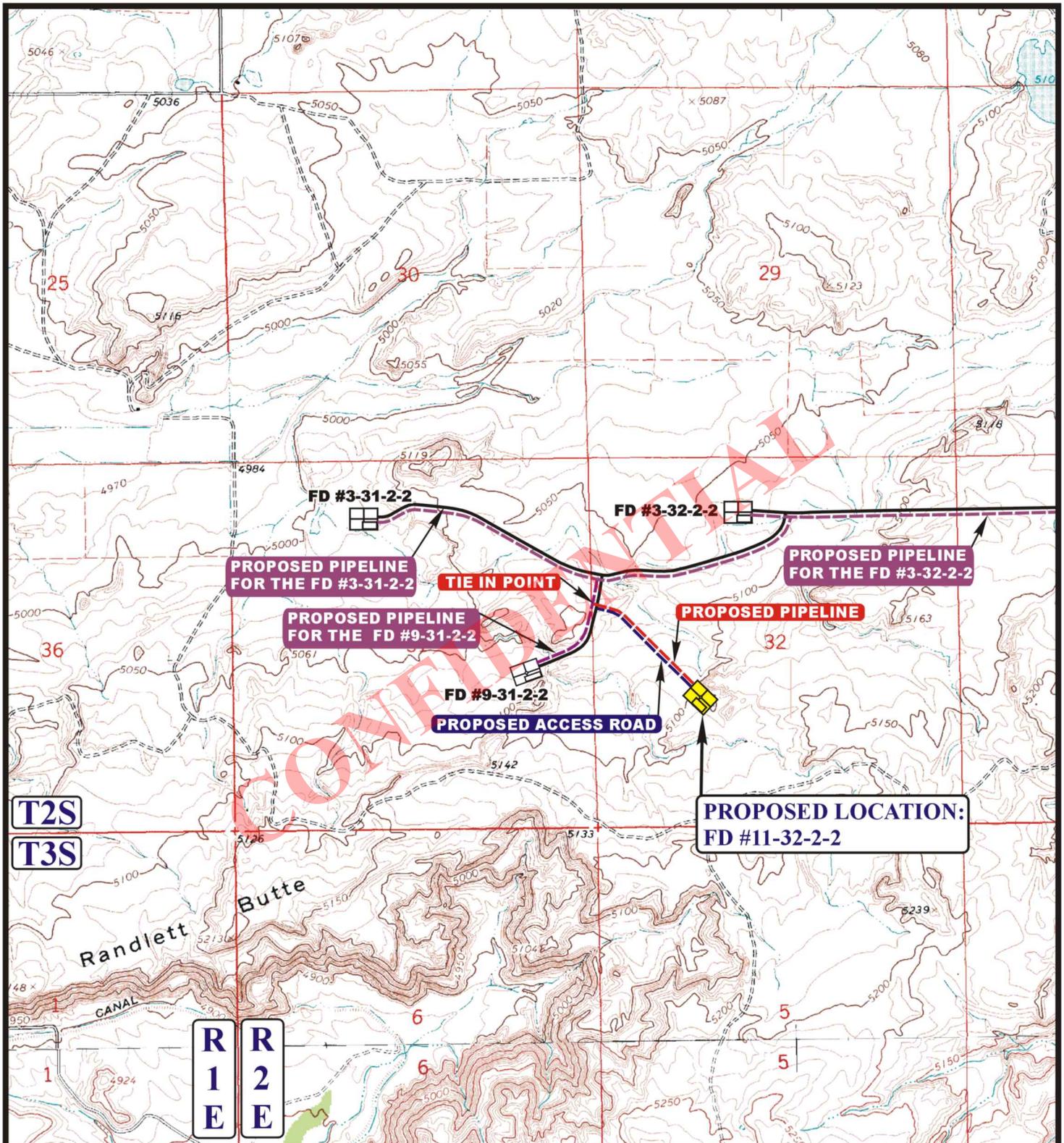
BILL BARRETT CORPORATION

FD #11-32-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
1833' FSL 1496' FWL

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

ACCESS ROAD MAP 04 04 13
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: S.O. REVISED: 00-00-00 **B2 TOPO**





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,830' +/-

LEGEND:

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



BILL BARRETT CORPORATION

FD #11-32-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
1833' FSL 1496' FWL



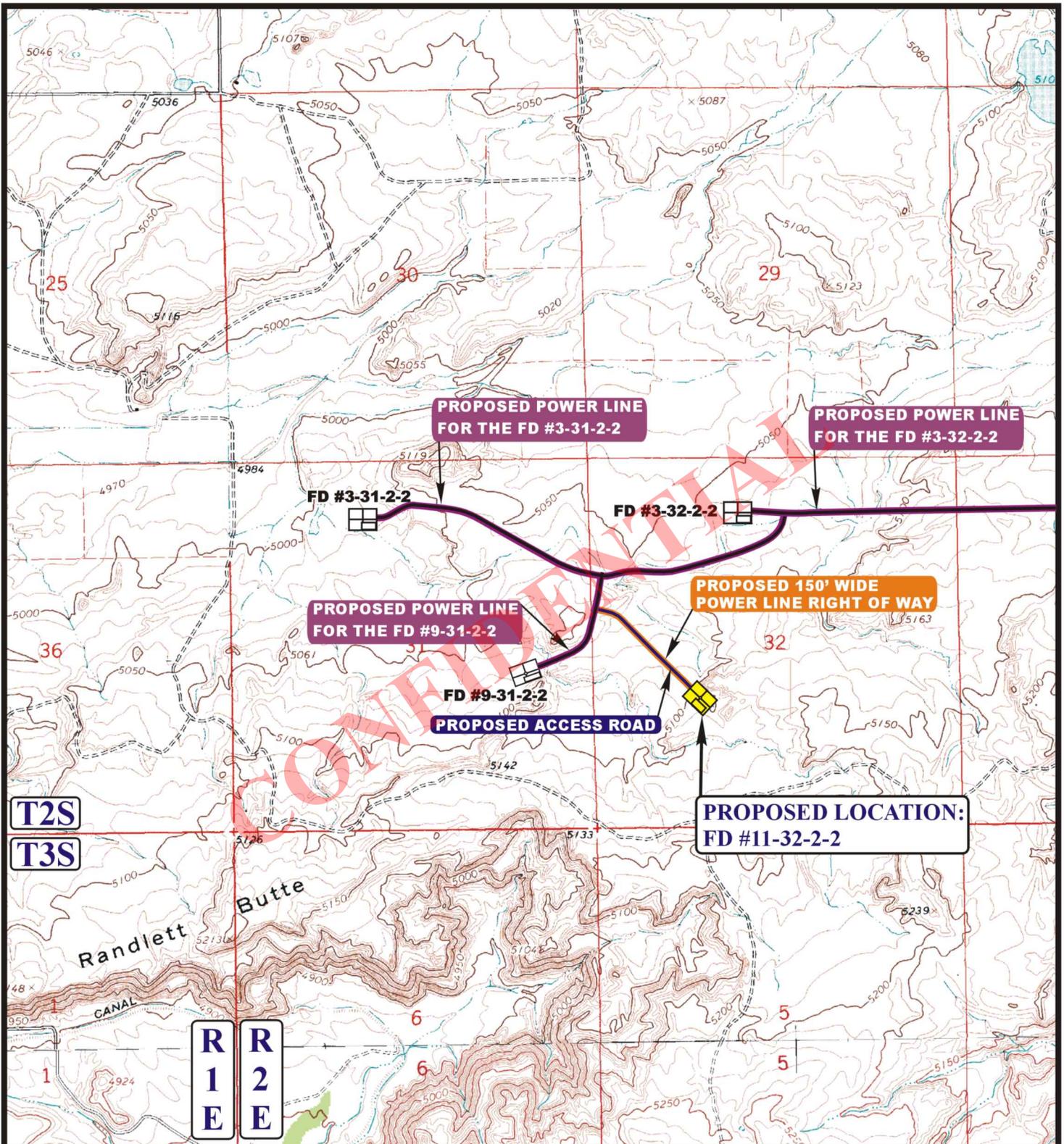
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

04 04 13
 MONTH DAY YEAR

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





APPROXIMATE TOTAL POWER LINE DISTANCE = 1,788' +/-

LEGEND:

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

BILL BARRETT CORPORATION

FD #11-32-2-2
SECTION 32, T2S, R2E, U.S.B.&M.
1833' FSL 1496' FWL

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



TOPOGRAPHIC MAP
 SCALE: 1" = 2000' DRAWN BY: S.O. REVISED: 00-00-00

04	04	13
MONTH	DAY	YEAR

D
TOPO

NE 1/4

NW 1/4

**T2S
T3S**

Sec. 32

U.S.B.&M.

**LOCATION SURFACE USE AREA
& ROAD RIGHT-OF-WAY ON
FREE LANDS**

(For FD #11-32-2-2)

LOCATED IN
SECTION 32, T2S, R2E, U.S.B.&M.,
UINTAH COUNTY, UTAH

ROADWAY RIGHT-OF-WAY
DESCRIPTION ON JOSEPH J.
FAISON, JR. LAND

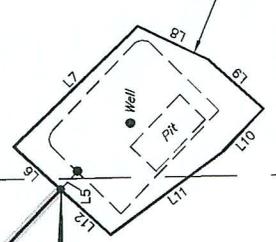
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE
OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT A POINT IN THE SW 1/4 NW 1/4
OF SECTION 32, T2S, R2E, U.S.B.&M. WHICH
BEARS N01°56'03"E 384.45' FROM THE WEST
1/4 CORNER OF SAID SECTION 32, THENCE
S75°51'06"E 229.70'; THENCE S59°18'54"E
111.52'; THENCE S45°56'54"E 427.36' TO A
POINT ON THE SOUTH LINE OF THE SW 1/4 NW
1/4 OF SAID SECTION 32, WHICH BEARS
S87°40'18"E 639.29' FROM THE WEST 1/4
CORNER OF SAID SECTION 32. THE SIDE LINES
OF SAID DESCRIBED RIGHT-OF-WAY BEING
SHORTENED OR ELONGATED TO MEET THE
GRANTOR'S PROPERTY LINES. BASIS OF
BEARINGS IS A G.P.S. OBSERVATION.
CONTAINS 0.529 ACRES MORE OR LESS.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NW 1/4 SW 1/4 OF SECTION
32, T2S, R2E, U.S.B.&M. WHICH BEARS S62°31'56"E 1490.67'
FROM THE WEST 1/4 CORNER OF SAID SECTION 32, THENCE
N42°20'39"E 177.79'; THENCE S43°11'39"E 482.62'; THENCE
S24°48'14"W 216.96'; THENCE S41°02'33"W 207.16'; THENCE
N46°12'11"W 165.22'; THENCE N36°01'16"W 394.19'; THENCE
N42°20'39"E 190.05'; TO THE POINT OF BEGINNING. BASIS OF
BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.860 ACRES
MORE OR LESS.

Sec. 32



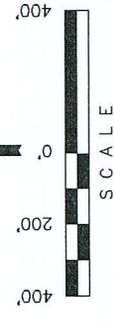
**SURFACE USE AREA
FD #11-32D-2-2
Contains 4.860 Acres**

ROADWAY RIGHT-OF-WAY
DESCRIPTION ON VERNON B.
RICHENS ET UX LAND

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE
OF THE FOLLOWING DESCRIBED CENTERLINE.
BEGINNING AT A POINT ON THE NORTH LINE OF
NW 1/4 SW 1/4 OF SECTION 32, T2S, R2E,
U.S.B.&M. WHICH BEARS S87°40'18"E 639.29'
FROM THE WEST 1/4 CORNER OF SAID SECTION
32, THENCE S45°56'54"E 951.52' TO A POINT IN
THE NW 1/4 SW 1/4 OF SAID SECTION 32
WHICH BEARS S62°31'56"E 1490.67' FROM THE
WEST 1/4 CORNER OF SAID SECTION 32. THE
SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY
BEING SHORTENED OR ELONGATED TO MEET THE
GRANTOR'S PROPERTY LINES. BASIS OF
BEARINGS IS A G.P.S. OBSERVATION. CONTAINS
0.655 ACRES MORE OR LESS.

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S75°51'06"E	229.70'
L2	S59°18'54"E	111.52'
L3	S45°56'54"E	427.36'
L4	S45°56'54"E	951.52'
L5	S45°56'54"E	67.94'
L6	N42°20'39"E	177.79'
L7	S43°11'39"E	482.62'
L8	S24°48'14"W	216.96'
L9	S41°02'33"W	207.16'
L10	N46°12'11"W	165.22'
L11	N36°01'16"W	394.19'
L12	N42°20'39"E	190.05'



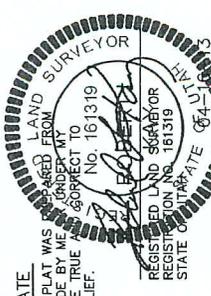
SCALE

BASIS OF BEARINGS

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

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
JOSEPH J. FAISON, JR.	768.58	0.529	46.58
VERNON B. RICHENS ET UX	951.52	0.655	57.67



CERTIFICATE
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM THE FIELD NOTES OF ACTUAL
SURVEYS MADE BY THE SURVEYOR AND
THE BEST OF HIS KNOWLEDGE AND BELIEF.

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

SCALE	1" = 400'
DATE	04-05-13
PARTY	REFERENCES
C.R. A.W. H.K.W.	G.L.O. PLAT
WEATHER	FILE
COOL	5 3 8 4 3

▲ = SECTION CORNERS LOCATED.

N87°28'07"W - 5415.45' (Meas.)

Steel Cap. Pipe

Section Line

SW 1/4

SE 1/4

1/4 Section Line

1/4 Section Line

1/16 Section Line

1/16 Section Line

**Joseph J.
Faison, Jr.**

**Vernon B.
Richens
ET UX**

**Vernon B.
Richens
ET UX**

BEGINNING OF ROAD STA. 0+00 BEARS
N01°56'03"E 384.45' FROM THE WEST 1/4
CORNER OF SECTION 32, T2S, R2E, U.S.B.&M.

P.O.P.L. STA. 7+68.58 BEARS S87°40'18"E
639.29' FROM THE WEST 1/4 CORNER OF SAID
SECTION 32, T2S, R2E, U.S.B.&M.

END OF ROAD STA. 17+20.10 BEARS
S62°31'56"E 1490.67' FROM THE WEST 1/4
CORNER OF SECTION 32, T2S, R2E, U.S.B.&M.

END OF PROPOSED
ROAD RIGHT-OF-WAY
STA. 17+20.10
(At Edge of Surface Use Area)

BEGINNING OF PROPOSED
ROADWAY RIGHT-OF-WAY
STA. 0+00
(At Proposed Access Road For
The FD #9-31D-2-2)

Proposed Access Road
For The FD #9-31D-2-2

NW Cor. Sec. 32
Set Marked Stone,
Small Stones

N00°31'17"W
2654.67' (Meas.)

Set Marked Stone,
Mound of Stones

N00°32'39"W - 2654.38' (Meas.)

THIS AGREEMENT Dated October 28, 2013 by and between _____

Vernon B. Richens and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship

whose address is P. O. Box 722, Ft. Duchesne, UT 84026

Phone # (435-545-2535)

, hereinafter referred to as "Surface Owners", and

Bill Barrett Corporation and its Subsidiaries

1099 18th Street, #2300, Denver, CO 80202

hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owners represent 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 **N/2SW/4, Section 32, Township 2 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 Owners are 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 Owners 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:

2. Operator agrees to consult with the surface owners 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 owners 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 Owners 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 Owners consider that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owners 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 Owners. The service of said notice shall be precedent to the bringing of any action by Surface Owners 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 Owners actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owners from any and all environmental problems it causes on the Lands.

8. In the event Surface Owners own 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.

SURFACE OWNERS:

Vernon B Richens
By: **Vernon B. Richens**

Eva Diane Richens
By: **Eva Diane Richens**

SS/Tax ID# _____

SS/Tax ID# _____

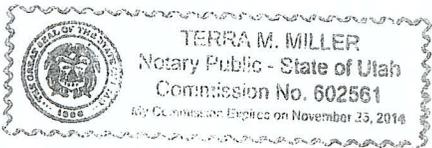
**OPERATOR:
Bill Barrett Corporation**

Mitchell J. Reneau, Vice President – Land

ACKNOWLEDGMENT

STATE OF Utah }
COUNTY OF Uintah } SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 29th day of Oct., 2013, personally appeared **Vernon B and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.



Terra M. Miller
NOTARY PUBLIC
Residing at: Vernal, UT

ACKNOWLEDGMENT

STATE OF COLORADO }
CITY & COUNTY OF DENVER } SS

On the _____ day of _____, 2013, before me the undersigned authority, appeared **Mitchell J. Reneau**, to me personally known, who, being sworn, did say that they are the Vice President – Land for Bill Barrett Corporation, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

NOTARY PUBLIC
Residing at: _____

BILL BARRETT CORPORATION

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For FD #11-32-2-2)

LOCATED IN SECTION 32, T2S, R2E, U.S.B.&M., UINTAH COUNTY, UTAH

NE 1/4

ROADWAY RIGHT-OF-WAY DESCRIPTION ON JOSEPH J. FAISON, JR. LAND

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT A POINT IN THE SW 1/4 NW 1/4 OF SECTION 32, T2S, R2E, U.S.B.&M. WHICH BEARS N01°56'03"E 384.45' FROM THE WEST 1/4 CORNER OF SAID SECTION 32, THENCE S75°51'06"E 229.70'; THENCE S59°18'54"E 111.52'; THENCE S45°56'54"E 427.36' TO A POINT ON THE SOUTH LINE OF THE SW 1/4 NW 1/4 OF SAID SECTION 32, WHICH BEARS S87°40'18"E 639.29' FROM THE WEST 1/4 CORNER OF SAID SECTION 32. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.529 ACRES MORE OR LESS.

NW 1/4

SURFACE USE AREA DESCRIPTION

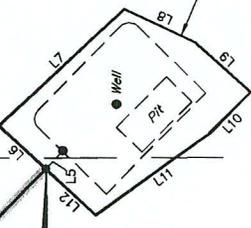
BEGINNING AT A POINT IN THE NW 1/4 SW 1/4 OF SECTION 32, T2S, R2E, U.S.B.&M. WHICH BEARS S62°31'56"E 1490.67' FROM THE WEST 1/4 CORNER OF SAID SECTION 32, THENCE N42°20'39"E 177.79'; THENCE S43°11'39"E 482.62'; THENCE S24°48'14"W 216.96'; THENCE S41°02'33"W 207.16'; THENCE N46°12'11"W 165.22'; THENCE N36°01'16"W 394.19'; THENCE N42°20'39"E 190.05'; TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.860 ACRES MORE OR LESS.

Sec. 32

1/4 Section Line

1/4 Section Line

SURFACE USE AREA FD #11-32D-2-2 Contains 4.860 Acres



END OF PROPOSED ROAD RIGHT-OF-WAY STA. 17+20.10 (At Edge of Surface Use Area)

Vernon B. Richens ET UX

Vernon B. Richens ET UX

SW 1/4

ROADWAY RIGHT-OF-WAY DESCRIPTION ON VERNON B. RICHENS ET UX LAND

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE. BEGINNING AT A POINT ON THE NORTH LINE OF NW 1/4 SW 1/4 OF SECTION 32, T2S, R2E, U.S.B.&M. WHICH BEARS S87°40'18"E 639.29' FROM THE WEST 1/4 CORNER OF SAID SECTION 31, THENCE S45°56'54"E 951.52' TO A POINT IN THE NW 1/4 SW 1/4 OF SAID SECTION 32 WHICH BEARS S62°31'56"E 1490.67' FROM THE WEST 1/4 CORNER OF SAID SECTION 32. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.655 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N01°56'03"E 384.45' FROM THE WEST 1/4 CORNER OF SECTION 32, T2S, R2E, U.S.B.&M. P.O.P.L. STA. 7+68.58 BEARS S87°40'18"E 639.29' FROM THE WEST 1/4 CORNER OF SAID SECTION 32, T2S, R2E, U.S.B.&M. END OF ROAD STA. 17+20.10 BEARS S62°31'56"E 1490.67' FROM THE WEST 1/4 CORNER OF SECTION 32, T2S, R2E, U.S.B.&M.

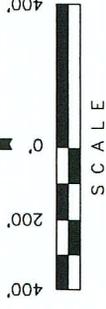
T2S T3S

Section Line

Steel Cap. Pipe

N87°28'07"W - 5415.45' (Meas.)

▲ = SECTION CORNERS LOCATED.



SCALE

BASIS OF BEARINGS

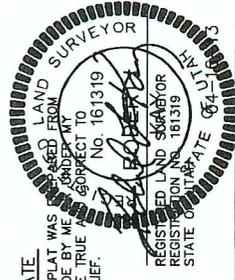
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
JOSEPH J. FAISON, JR.	768.58	0.529	46.58
VERNON B. RICHENS ET UX	951.52	0.655	57.67

CERTIFICATE

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

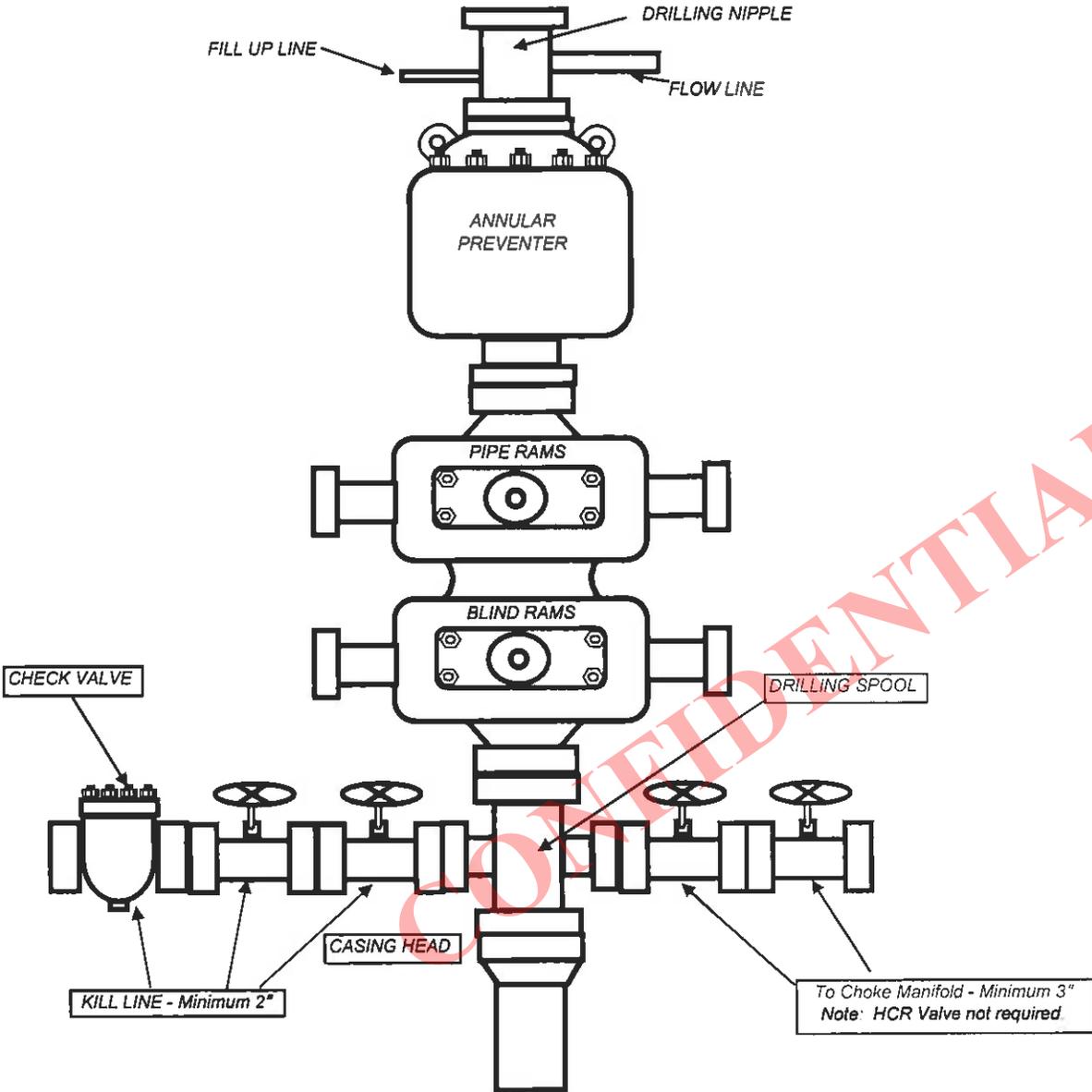


UNTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE	1" = 400'
DATE	04-05-13
PARTY	C.R. A.W. H.K.W.
REFERENCES	G.L.O. PLAT
WEATHER	COOL
FILE	5 3 8 4 3

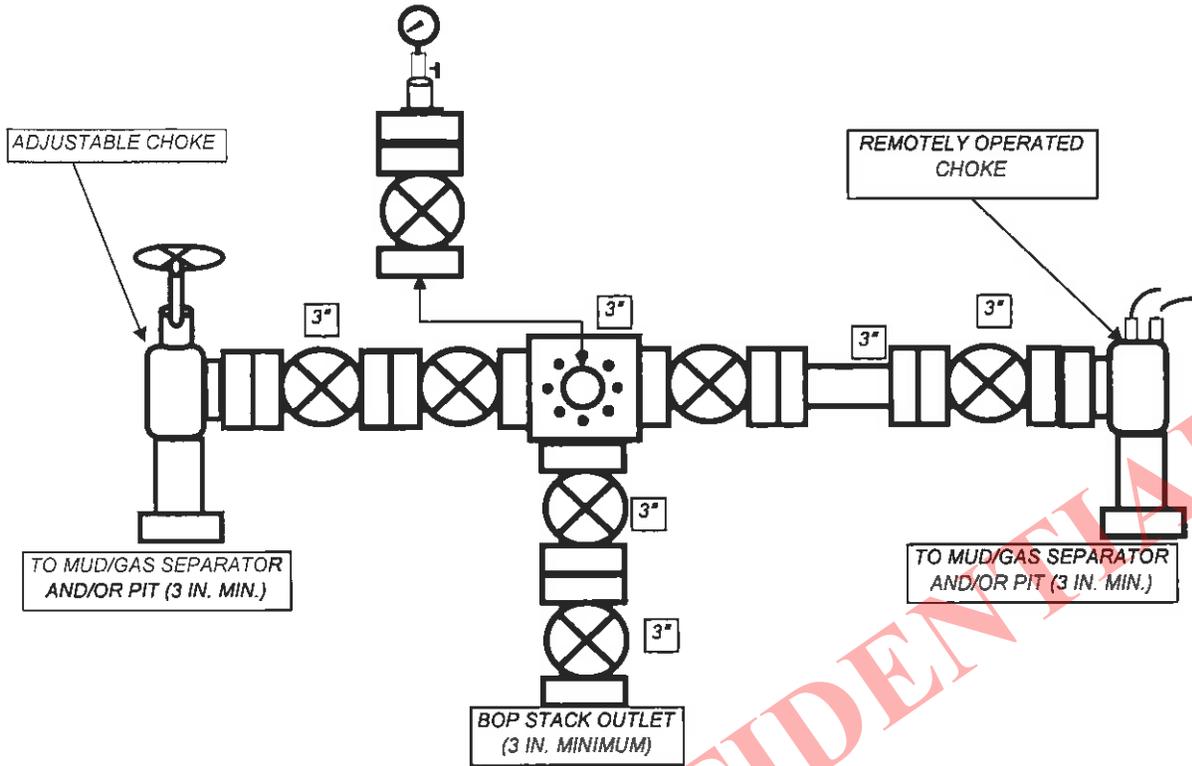
BILL BARRETT CORPORATION

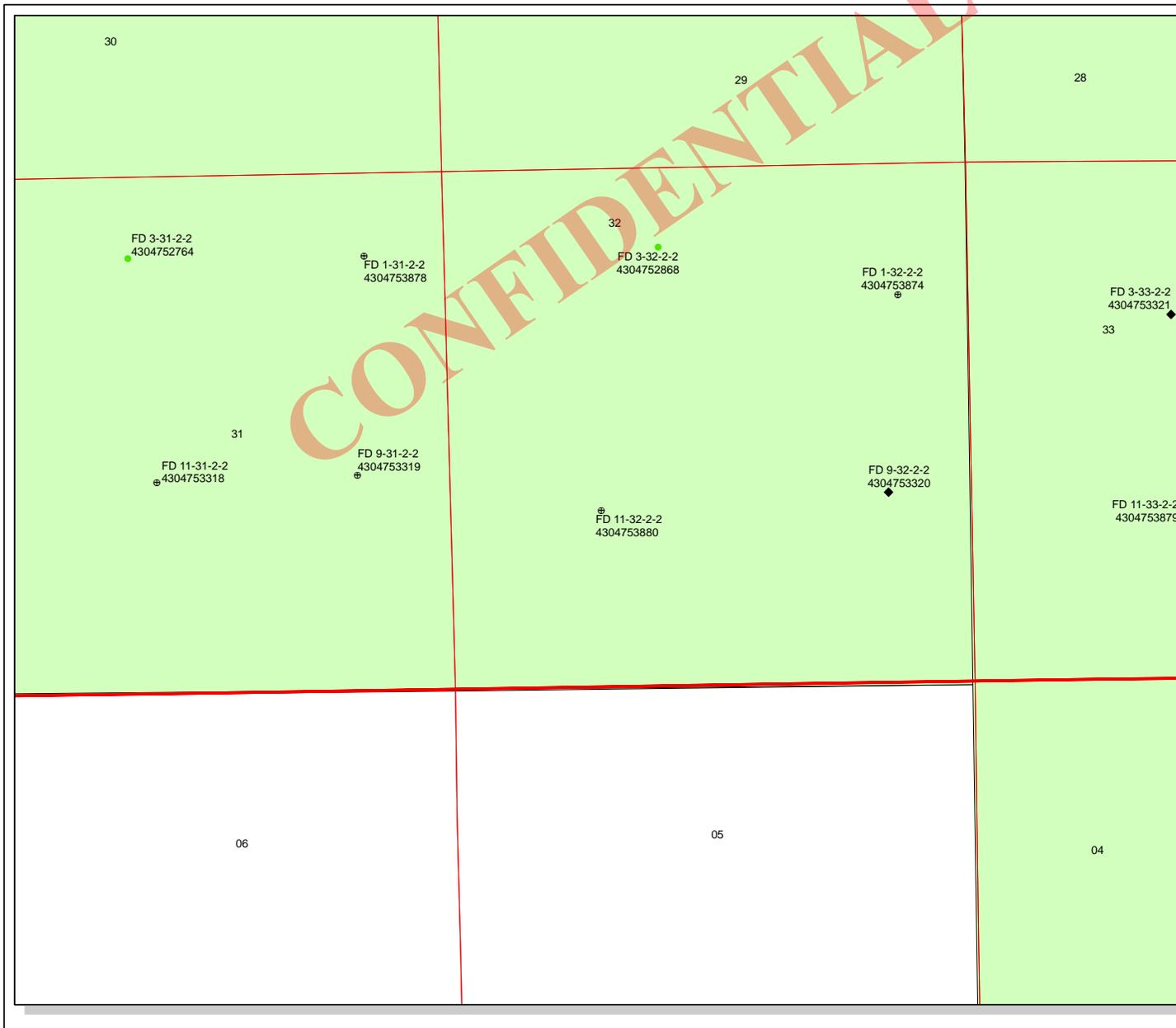
TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

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

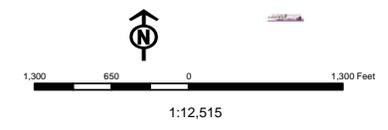
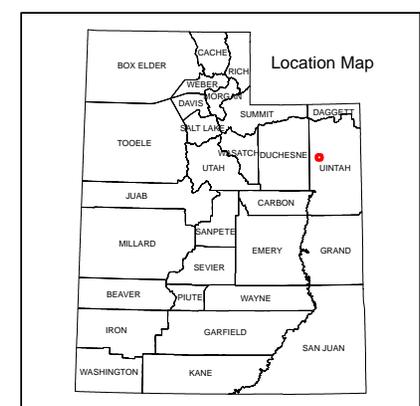




API Number: 4304753880
Well Name: FD 11-32-2-2
Township T02.0S Range R02.0E Section 32
Meridian: UBM
 Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

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



BOPE REVIEW BILL BARRETT CORP FD 11-32-2-2 43047538800000

Well Name	BILL BARRETT CORP FD 11-32-2-2 43047538800000			
String	COND	SURF	PROD	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	80	1500	9966	
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)	4923		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

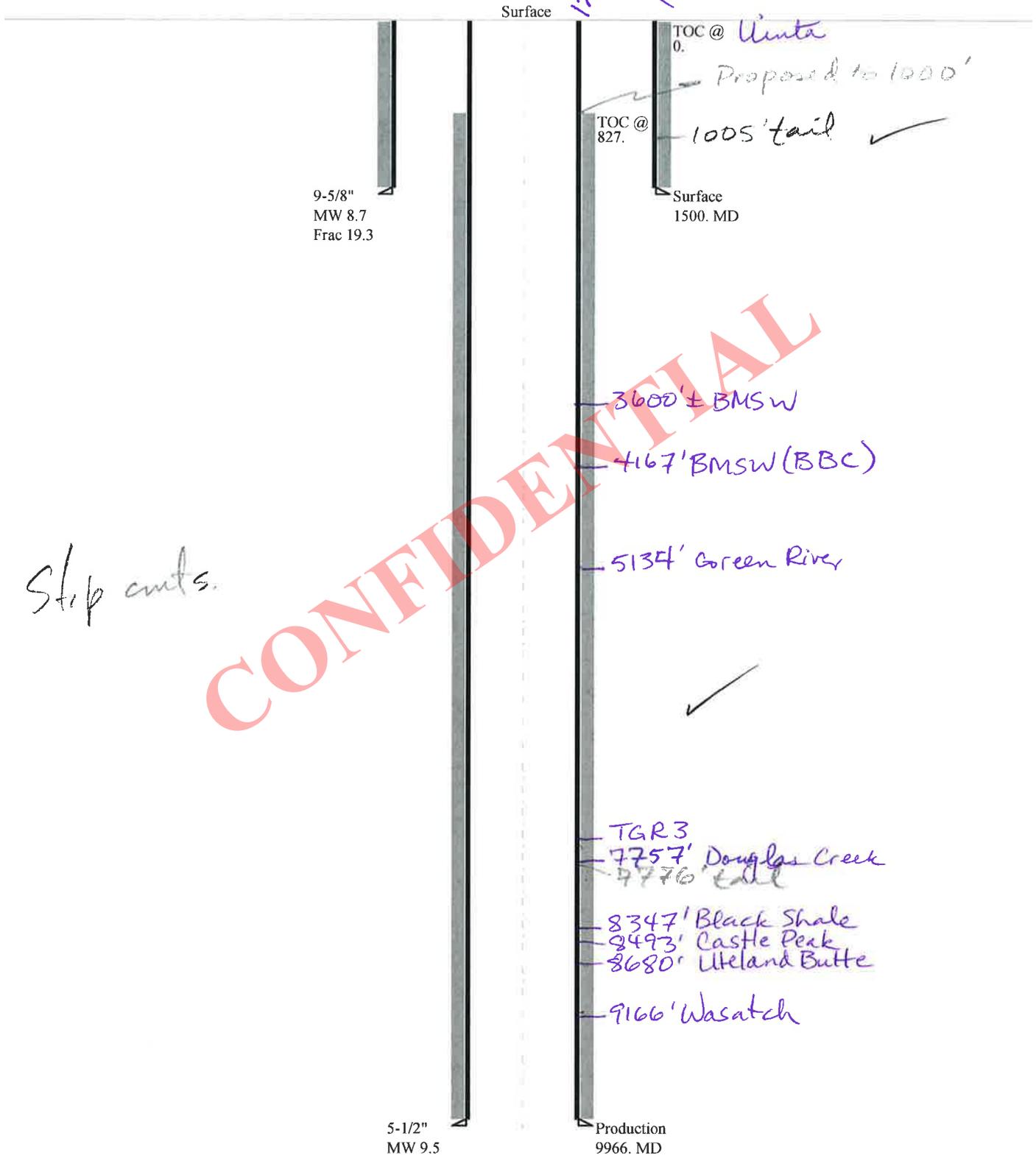
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	733	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	553	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	403	YES OK
			*Can Full Expected Pressure Be Held At Previous 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=	4923	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3727	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2730	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3060	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

43047538800000 FD 11-32-2-2

Casing Schematic



Well name:	43047538800000 FD 11-32-2-2		
Operator:	BILL BARRETT CORP		Project ID:
String type:	Surface		43-047-53880
Location:	UINTAH COUNTY		

Design parameters:

Collapse

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

Burst

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

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

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

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

Non-directional string.

Re subsequent strings:

Next setting depth: 9,966 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 4,918 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	13037
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	8.37 J

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

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

Date: August 6, 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:	43047538800000 FD 11-32-2-2		
Operator:	BILL BARRETT CORP		Project ID:
String type:	Production		43-047-53880
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: 214 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 827 ft

Burst

Max anticipated surface pressure: 2,726 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 4,918 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: 8,530 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	9966	5.5	17.00	P-110	LT&C	9966	9966	4.767	65644
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	4918	7480	1.521	4918	10640	2.16	169.4	445	2.63 J

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

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

Date: August 6, 2013
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9966 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 11-32-2-2
API Number 43047538800000 **APD No** 8208 **Field/Unit** WILDCAT
Location: 1/4,1/4 NESW **Sec** 32 **Tw** 2.0S **Rng** 2.0E 1833 FSL 1496 FWL
GPS Coord (UTM) 602261 4457689 **Surface Owner** VERNON RICHENS

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 just south and east of Gusher, Utah which is approximately midway between the larger towns of Vernal and Roosevelt, Utah. The terrain here is made up of small scattered hills and dry washes. This site is placed on a knoll. The soil is mostly quite permeable sandy loam which supports sage brush and various desert grasses. Scattered throughout the area, where topography and water permits, are irrigated alfalfa hay fields.

Surface Use Plan

Current Surface Use

Wildlfe Habitat

New Road

Miles

0.34

Well Pad

Width 300 **Length** 400

Src Const Material

Onsite

Surface Formation

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, exposed bed rock

Erosion Issues N

Sedimentation Issues N

Site Stability Issues Y

Drainage Diverson Required? Y

Berm Required? Y

very permeable soil

Erosion Sedimentation Control Required? Y

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? Y Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Richard Powell
Evaluator

6/26/2013
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
8208	43047538800000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	VERNON RICHENS	
Well Name	FD 11-32-2-2		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NESW 32 2S 2E U 1833 FSL 1496 FWL GPS Coord (UTM) 602274E 4457689N				

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 3,600'. A search of Division of Water Rights records shows 1 water well within a 10,000 foot radius of the center of Section 32. The well is 60 feet in depth with listed uses as domestic, irrigation and stock watering. The well probably produces water from near-surface alluvium and 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. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill
APD Evaluator

7/3/2013
Date / Time

Surface Statement of Basis

This well is on fee surface with fee minerals. Surface owner Vernon Richens was invited to this onsite and several other well sites on Mr. Richens land to be visited this day. I met with Mr. Richens to discuss the well sites in general and he stated that prior to placement of the wells on the Richens land, he was consulted by Bill Barrett Corporation and all locations were placed such that his farming and livestock operation would not be disturbed. Mr. Richens chose not to participate in the days presite inspections but expressed that he had no concerns with any of the proposed locations. According to Kary Eldredge a 20 mil liner will be used for this reserve pit. This liner will be adequate for the location. Due to very permeable soils and rugged terrain this well pad must be bermed to keep any leaked or spilled fluids contained to the pad. A drainage diversion is needed on the north side of 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.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/18/2013

API NO. ASSIGNED: 4304753880000

WELL NAME: FD 11-32-2-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: NESW 32 020S 020E

Permit Tech Review:

SURFACE: 1833 FSL 1496 FWL

Engineering Review:

BOTTOM: 1833 FSL 1496 FWL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.26342

LONGITUDE: -109.79723

UTM SURF EASTINGS: 602274.00

NORTHINGS: 4457689.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

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

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

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

 R649-2-3.

Unit:

 R649-3-2. General R649-3-3. Exception Drilling Unit

Board Cause No: Cause 139-106

Effective Date: 11/14/2013

Siting: 660' Fr Drlg U Bdry & 990' Fr Other Wells

 R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
25 - Surface Casing - hmacdonald



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. HAZA
Division Director

Permit To Drill

Well Name: FD 11-32-2-2

API Well Number: 4304753880000

Lease Number: fee

Surface Owner: FEE (PRIVATE)

Approval Date: 12/9/2013

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 Cause 139-106. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

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:

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:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: fee
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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 11-32-2-2
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047538800000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1833 FSL 1496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 02.0S 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: 1/6/2014	<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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="change to drill plan"/>

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 drilling plan for this well: Surface casing set depth: 1200'; Surface casing description: 8-5/8" 24# J55 STC (Hole size remains at 12-1/4" hole); Surface cement volumes: 160 sx 11.0 ppg lead (75% excess) 270 sx 14.8 ppg tail (75% excess); Production Hole and Casing size remains the same; Production grade changing to: P-110 OR I-80.

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

Date: January 09, 2014

By: *DeKQ*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/6/2014	

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 11-32-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047538800000
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: 1833 FSL 1496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 02.0S 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 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 checked="" type="checkbox"/> SPUD REPORT Date of Spud: 2/14/2014	<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.

This well was spud on 2/14/14 at approximately 9:30 am by Triple A Drilling, Rig #TA 4037, Rig Type Soilmec SR/30. Drilling is anticipated to resume on 3/1/2014.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 February 14, 2014**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/14/2014	

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 11-32-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047538800000
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: 1833 FSL 1496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 02.0S 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 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: 2/28/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Attached is the February 2014 Drilling Activity for this well.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 March 04, 2014**

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



Daily Drilling - Detail (legal size)

Report Date: 2/18/2014

Well Name: FD 11-32-2-2

Report #: 1.0, DFS: 0.00

Depth Progress:

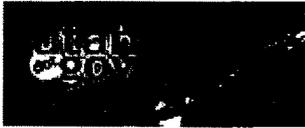
Well Name FD 11-32-2-2	API 43-047-53880	License #		Operator Bill Barrett Corporation	Govt Authority
Well Configuration Type Vertical	Original KB Elevation (ft) 5,117.00	Ground Elevation (ft) 5,102.00	KB-Ground Distance (ft) 15.00	Regulatory Drilling Spud Date	Regulatory Rig Release Date
Surface Legal Location NENW, Sec 32, T2S, R2E	North/South Distance (ft) 1,833.0	North/South Reference FSL	East/West Distance (ft) 1,496.0	East/West Reference FWL	Lat/Long Datum NAD 27
Latitude (°) 40° 15' 48.38" N	Longitude (°) 109° 47' 48.008" W	Basin Uinta	Field Name Fort Duchesne	County Uintah	State/Province Utah

Click on the 'New' button to start a new daily report.

Jobs		Spud Date
		Total Depth Drilled (ft)

Daily Operations					
Rig	Report Start Date 2/18/2014	Report End Date 2/19/2014	Operations @ 6:00 AM DRILLING SURFACE	Ops Next Rpt	Status at Reporting Time 07 DRILLING
Weather		Temperature (°F)	Hole Condition		

24 Hour Summary
RIGGING UP - DRILL 12 1/4 SURFACE - CIRC - T.O.O.H. - R/U & RUN 8 5/8 CSG - CIRC - CEMENT



Carol Daniels <caroldaniels@utah.gov>

SURFACE CASING & CEMENT

1 message

25 2E 32

Utah Rig <UtahRig1@billbarrettcorp.com>

Mon, Feb 17, 2014 at 4:38 PM

To: Carol Daniels <caroldaniels@utah.gov>, Dennis Ingram <dennisingram@utah.gov>, Richard Powell <richardpowell@utah.gov>

Cc: Tracey Fallang <tfallang@billbarrettcorp.com>, Brady Riley <briley@billbarrettcorp.com>

BILL BARRETT CORP. WILL RUNNING 9.625" CASING AND CEMENTING

ON THE FD 11-32-2-2, API # 43-047-53880 USING PRO PETRO AIR RIG

TOMORROW 2/18/2014 AT APPROX. 5:00PM

IF YOU HAVE ANY QUESTIONS OR CONCERNS PLEASE CALL

THANK YOU,

JODY SOUTH

BILL BARRETT CORP.

CAPSTAR #328

303-353-5425

RECEIVED

FEB 18 2014

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		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 11-32-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047538800000
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: 1833 FSL 1496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 02.0S 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 type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/31/2014	<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.		
Attached is the March 2014 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 08, 2014		
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A		DATE 4/2/2014

**FD 11-32-2-2 3/10/2014 06:00 - 3/11/2014 06:00**

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.00	15:00	1	RIGUP & TEARDOWN	Move rig 1.3 miles w/Howcroft trucking.
15:00	4.00	19:00	14	NIPPLE UP B.O.P	NUBOP. Rig on daywork @ 15:00.
19:00	4.00	23:00	15	TEST B.O.P	HSM. Test BOP. Test high 5000 psi, low 250 psi upper & lower kelly valves, safety vlv, dart vlv, pipe and blind rams, kill line vlv, choke line, check vlv, manifold, super choke. Test hydrill to 2500 psi. Test csg to 1500 psi/30 min.
23:00	0.50	23:30	21	OPEN	Install wear bushing.
23:30	2.00	01:30	20	DIRECTIONAL WORK	P/U BHA, scribe mm.
01:30	2.50	04:00	6	TRIPS	Tih. Tag cmt @ 1150'.
04:00	2.00	06:00	21	OPEN	Drill cmt/ft equip. Clean out rathole to 1250', drill 15' to 1265'. Spud well @ 05:30.

FD 11-32-2-2 3/11/2014 06:00 - 3/12/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	21	OPEN	Spot vis pill, pull into csg. F.I.T. to 143 psi f/10.5 EMW.
06:30	11.00	17:30	2	DRILL ACTUAL	Steerable drlg 1265' - 3187'. Wob 10-20k, rpm 35-55/82, Spp 1550 psi, dp 250-450 psi, 480 gpm, rop - 175 fph.
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service.
18:00	11.50	05:30	2	DRILL ACTUAL	Steerable drlg 3187' - 4419'. Wob 10-20k, rpm 35-55/82, Spp 1700 psi, dp 250-450 psi, 480 gpm, rop - 107 fph.
05:30	0.50	06:00	7	LUBRICATE RIG	Rig Service.

FD 11-32-2-2 3/12/2014 06:00 - 3/13/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (1212') 50.5 FPH GPM=570 TOPDRIVE RPM=40 MOTOR RPM=97 TOTAL RPM=137 WT ON BIT=23K OFF BOTTOM PRESSURE=2175 PSI DIFF PRESS=175-275 PSI TQ=6K

FD 11-32-2-2 3/13/2014 06:00 - 3/14/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (244') 23.2 FPH GPM=480 TOPDRIVE RPM=60 MOTOR RPM=77 TOTAL RPM=137 WT ON BIT=24K OFF BOTTOM PRESSURE=1850 PSI DIFF PRESS=75-225PSI TQ=6K
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (308') 23.6 FPH GPM=480 TOPDRIVE RPM=60 MOTOR RPM=77 TOTAL RPM=137 WT ON BIT=24K OFF BOTTOM PRESSURE=1850 PSI DIFF PRESS=75-325PSI TQ=6K

FD 11-32-2-2 3/14/2014 06:00 - 3/15/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	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	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (74') 29.6 FPH GPM=480 TOPDRIVE RPM=60 MOTOR RPM=77 TOTAL RPM=137 WT ON BIT=24K OFF BOTTOM PRESSURE=1850 PSI DIFF PRESS=75-200PSI TQ=6K
08:30	0.50	09:00	20	DIRECTIONAL WORK	DOWN LINK TO MWD TOOL - UNABLE TO UPDATE TOOL FACE
09:00	0.50	09:30	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (18') 36 FPH GPM=480 TOPDRIVE RPM=60 MOTOR RPM=77 TOTAL RPM=137 WT ON BIT=26K OFF BOTTOM PRESSURE=1750 PSI DIFF PRESS=75-325PSI TQ=6K
09:30	0.50	10:00	7	LUBRICATE RIG	RIG SERVICE - CHANGE GASKET ON MUD LINE
10:00	8.00	18:00	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (194') 24.3 FPH GPM=480 TOPDRIVE RPM=60 MOTOR RPM=77 TOTAL RPM=137 WT ON BIT=28K OFF BOTTOM PRESSURE=1850 PSI DIFF PRESS=100-175PSI TQ=6K

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	1.00	19:00	5	COND MUD & CIRC	CIRCULATE - PUMP HIGH VIS SWEEP - PUMP SLUG
19:00	5.50	00:30	6	TRIPS	T.O.O.H. FROM 6469' TO 98'
00:30	2.50	03:00	20	DIRECTIONAL WORK	L/D DIR TOOLS - BREAK DOWN MWD TOOL - BREAK BIT - MAKE UP NEW BIT - SCRIBE MUD MOTOR - BUILD AND INSTALL MWD TOOL
03:00	3.00	06:00	6	TRIPS	T.I.H. FROM 98' TO 3270'

FD 11-32-2-2 3/15/2014 06:00 - 3/16/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	6	TRIPS	T.I.H. FROM 3270' TO 6420'
09:30	0.50	10:00	3	REAMING	WASH AND REAM FROM 6420' TO 6469'
10:00	6.50	16:30	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (288') 44.3 FPH GPM=490 TOPDRIVE RPM=40 MOTOR RPM=83 TOTAL RPM=123 WT ON BIT=15K OFF BOTTOM PRESSURE=2060 PSI DIFF PRESS=100-200PSI TQ=5K
16:30	0.50	17:00	7	LUBRICATE RIG	RIG SERVICE
17:00	13.00	06:00	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (566') 41.9 FPH GPM=520 TOPDRIVE RPM=40 MOTOR RPM=88 TOTAL RPM=128 WT ON BIT=16K OFF BOTTOM PRESSURE=2320 PSI DIFF PRESS=100-200PSI TQ=6K

FD 11-32-2-2 3/16/2014 06:00 - 3/17/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (620') 53.9 FPH GPM=520 TOPDRIVE RPM=40 MOTOR RPM=88 TOTAL RPM=128 WT ON BIT=16K OFF BOTTOM PRESSURE=2320 PSI DIFF PRESS=100-200PSI TQ=6K
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	7.50	01:30	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (633') 84.4 FPH GPM=520 TOPDRIVE RPM=40 MOTOR RPM=88 TOTAL RPM=128 WT ON BIT=21K OFF BOTTOM PRESSURE=2480 PSI DIFF PRESS=250-450PSI TQ=8K
01:30	1.00	02:30	8	REPAIR RIG	REPLACE SWIVEL PACKING
02:30	3.50	06:00	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (171') 48.8 FPH GPM=520 TOPDRIVE RPM=40 MOTOR RPM=88 TOTAL RPM=128 WT ON BIT=21K OFF BOTTOM PRESSURE=2520 PSI DIFF PRESS=250-450PSI TQ=8K

FD 11-32-2-2 3/17/2014 06:00 - 3/18/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (386') 33.5 FPH GPM=520 TOPDRIVE RPM=40 MOTOR RPM=88 TOTAL RPM=128 WT ON BIT=24K OFF BOTTOM PRESSURE=2620 PSI DIFF PRESS=250-450PSI TQ=8K
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	1.50	19:30	2	DRILL ACTUAL	DRILLING 7 7/8 PRODUCTION (42') 28 FPH GPM=520 TOPDRIVE RPM=40 MOTOR RPM=88 TOTAL RPM=128 WT ON BIT=26K OFF BOTTOM PRESSURE=2620 PSI DIFF PRESS=250-450PSI TQ=8K
19:30	1.50	21:00	5	COND MUD & CIRC	CIRC PUMP HIGH VIS SWEEP - CUT & SLIP 250' DRILL LINE (FOUND DAMAGED LINE)
21:00	1.00	22:00	6	TRIPS	WIPER TRIP FROM 9175' TO 8850' - FLOW CHECK (WELL FLOWING)
22:00	1.00	23:00	1	RIGUP & TEARDOWN	CIRCULATE BOTTOMS UP RAISE MUD WEIGHT TO 9.6 PPG
23:00	1.00	00:00	6	TRIPS	WIPER TRIP FROM 8850' TO 6700'
00:00	1.50	01:30	6	TRIPS	T.I.H. FROM 6700' TO 9175'
01:30	1.50	03:00	5	COND MUD & CIRC	CIRCULATE TWO BOTTOMS UP
03:00	3.00	06:00	6	TRIPS	T.O.O.H. FROM 9175' TO 6000'

FD 11-32-2-2 3/18/2014 06:00 - 3/19/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.00	11:00	6	TRIPS	T.O.O.H. FROM 6000' T/98'
11:00	2.00	13:00	20	DIRECTIONAL WORK	L/D DIR TOOLS - DRAIN MUD MOTOR - BREAK BIT
13:00	1.00	14:00	21	OPEN	SWITCH BOOM TO RUN FROM DRILLERS SIDE - PULL WEAR BUSHING
14:00	14.50	04:30	12	RUN CASING & CEMENT	S/M - RIG UP TO RUN 5.5" CASING Run 5 1/2", 17#, P-180, LT&C CASING AS FOLLOWS: FLOAT SHOE, 2 JOINTS CASING, FLOAT COLLAR, 205 JOINTS CASING (207 TOTAL) - CASING SET @ 9164' - MJs @ 8347', 7578' - CEMENT BASKETS @ 5235', 3242', 2187' - BOW SPRING CENTRALIZERS ON BOTTOM JOINT, TOP OF JOINT # 2, EVERY OTHER JOINT TO SURFACE CASING SHOE @ 1305' (87 TOTAL) - WASH FROM 9062' T/9145'
04:30	1.50	06:00	5	COND MUD & CIRC	PICK UP JOINT #208 TAG BOTTOM @ 9175' - CIRCULATE & CONDITION MUD FOR CEMENT DROPPING YIELD POINT TO 10 - RECIPROCATATE PIPE 30' - CIRCULATING RATE @ 7.5 BBLs MIN

FD 11-32-2-2 3/19/2014 06:00 - 3/20/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

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

FD 11-32-2-2 3/19/2014 06:00 - 3/19/2014 19:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	5	COND MUD & CIRC	CIRCULATE & CONDITION MUD FOR CEMENT DROPPING YIELD POINT TO 10 - RECIPROCATATE PIPE 30' - CIRCULATING RATE @ 7.5 BBLs MIN
08:00	1.00	09:00	12	RUN CASING & CEMENT	LAY DOWN JOINT #208 (TAG JOINT) - MAKE UP LANDING JOINT AND LAND MANDRILL IN WELL HEAD
09:00	4.50	13:30	12	RUN CASING & CEMENT	SAFETY MEETING WITH HALLIBURTON CEMENT CREW - TEST LINES @ 5000 PSI, CEMENT 5.5" PRODUCTION CASING AS FOLLOWS: 60 BBLs 10.5 PPG TINED SPACER, 225 BBLs 540 SKS 11.0 PPG 2.34 YILED LEAD CEMENT MIXED @ 10.1 GAL/SK, 186 BBLs 720 SKS 13.5 PPG 1.45 YIELD TAIL CEMENT MIXED @ 6.91 GAL/SK, SHUT DOWN WASH LINES TO PIT DROP PLUG AND DISPLACE WITH 211 BBLs CLAY-WEB WATER - FINAL CIRCULATING PRESSURE 2015 PSI - PLUG BUMP PRESSURE 2580 PSI HELD PRESSURE FOR TWO MINUTES RELEASE PRESSURE FLOATS HELD - FULL RETURNS DURING JOB 45 BBLs CEMENT TO SURFACE - RIG DOWN CEMENTERS
13:30	1.00	14:30	12	RUN CASING & CEMENT	BACK OUT OF MANDRILL - INSTALL PACKOFF - LAY DOWN LANDING JOINT
14:30	2.00	16:30	14	NIPPLE DOWN B.O.P	NIPPLE DOWN BOP
16:30	2.50	19:00	21	OPEN	CLEAN MUD TANKS - RIG RELEASED @ 19:00 HRS 3/19/14

FD 11-32-2-2 3/24/2014 06:00 - 3/25/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PROPOSED	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	LOGG	Logging	MIRU HES. HSM. CHECK PRESSURE. RIH W/ GR/JB TO TAG FILL AT 9032', DRLG SHOWS FC AT 9082' (HAVE 50' FILL). RUN CAST-M/RBL LOG UNDER PRESSURE. RUN RMT LOG. LOG SHOWS CMT GOOD WITH RATTY SPOTS TD-5500', RATTY CMT 5500'-4400'. FAIR 4400'-4050'. FAIR WITH RATTY SPOTE 4050'-3750'. RATTY WITH FAIR SPOTS 3750'-3150'. VERY POOR AND RATTY CMT 3150'-1650'. TOC EST AT 1650'. SHORT JTS AT 7572'-7596' AND 8349'-8372'. RD HES AND SECURE WELL. FUEL REPORT HES LOGGING DIESEL 65 GAL CANARY DIESEL 5 GAL

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 11-32-2-2	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047538800000	
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1833 FSL 1496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 02.0S 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/27/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THIS WELL HAD FIRST PRODUCTION ON 4/27/14 and FIRST GAS SALES ON 4/28/14			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 28, 2014			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A		DATE 4/28/2014	

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 11-32-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047538800000
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: 1833 FSL 1496 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 02.0S 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 type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/30/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Attached is the April 2014 Drilling Activity for this well.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**
FOR RECORD ONLY
 May 06, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 5/6/2014	

**FD 11-32-2-2 4/9/2014 06:00 - 4/10/2014 06:00**

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	HSM. CHECK PRESSURE. ND 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. WAITING

FD 11-32-2-2 4/24/2014 06:00 - 4/25/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	3.00	10:00	SRIG	Rig Up/Down	SPOT AND RU CASEDHOLE EWL WITH 5" 5K LUBE. (HAD E-LINE JUMP SHEEVE, REHEAD).
10:00	1.00	11:00	PFRT	Perforating	PU PERF GUNS FOR STG 1. OPEN WITH 0 PSI. RIH AND CORRELATE TO SJ AT 8348'-9372'. RUN DOWN AND PERF UTELAND BUTTE FORM 8707'-8978' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND SECURE WELL.
11:00	4.00	15:00	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.

FD 11-32-2-2 4/25/2014 06:00 - 4/26/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	SMTG	Safety Meeting	AOL 05:00. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, MUSTER AREA.
06:15	1.25	07:30	FRAC	Frac. Job	FRAC STG 1 PRESSURE TEST LINES TO 7300 PSI. OPEN WELL W/ 104 PSI AT 06:24 BREAK DOWN 3565 PSI AT 9.8 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 2337 PSI. FLUSH W/ 8502 GAL. 30.4 BPM AT 2972 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.6 BPM AT 3772 PSI. ISDP 2577. FG .73. PERFS OPEN 42/45 ISIP 3180, FG .80, MR 70.6 BPM, AR 70.3 BPM, MP 3932 PSI, AP 3497 PSI 100 MESH 8000 lbs. .75 ppg 20/40 WHITE 150,600 lbs 2.0, 2.0-5.0 RAMP, 5.0 ppg SLK WTR 991 BBL, 20# HYBOR G (16) 1543 BBL, BTR 2639 BBLS SHUT IN AND TURN OVER TO CASEDHOLE.
07:30	1.34	08:50	PFRT	Perforating	PERF STG #2- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 2800 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8348'-8372'. RUN DOWN AND SET 5-1/2" CBP AT 8688' WITH 2250 PSI. PULL UP AND PERF DOUGLAS CREEK, BLACK SHALE, AND CASTLE PEAK 8348'-8668' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 2150 PSI. TURN WELL OVER TO HES.



Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
08:50	1.25	10:05	FRAC	Frac. Job	<p>FRAC STG 2 PRESSURE TEST LINES TO 7250 PSI. OPEN WELL W/ 2073 PSI AT 08:55 BREAK DOWN 6087 PSI AT 5.0 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.3 BPM AT 2681 PSI. FLUSH W/ 8151 GAL. 30.0 BPM AT 3139 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 71.0 BPM AT 4216 PSI. ISDP 2825. FG .77. PERFS OPEN 36/45</p> <p>ISIP 2982, FG .79, MR 70.6 BPM, AR 70.3 BPM, MP 4345 PSI, AP 3809 PSI 100 MESH 8200 lbs. .75 ppg 20/40 WHITE 150,600 lbs 2.0, 2.0-5.0 RAMP, 5.0 ppg SLK WTR 987 BBL, 20# HYBOR G (16) 1561 BBL, BTR 2641 BBLS</p> <p>SHUT IN AND TURN OVER TO CASED HOLE.</p>
10:05	1.25	11:20	PFRT	Perforating	<p>PERF STG #3- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE 2500 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7572'-7596'. RUN DOWN AND SET 5-1/2" CBP AT 8310' WITH 2400 PSI. PULL UP AND PERF DOUGLAS CREEK FORM 8022'-8287' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 2100 PSI. TURN WELL OVER TO HES.</p>
11:20	1.17	12:30	FRAC	Frac. Job	<p>FRAC STG 3 PRESSURE TEST LINES TO 7200 PSI. OPEN WELL W/ 1807 PSI AT 11:22 BREAK DOWN 2891 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.5 BPM AT 2514 PSI. FLUSH W/ 7832 GAL. 30.2 BPM AT 3192 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.0 BPM AT 3919 PSI. ISDP 2777. FG .78. PERFS OPEN 42/45</p> <p>ISIP 2976, FG .80, MR 70.4 BPM, AR 70.2 BPM, MP 4040 PSI, AP 3634 PSI 100 MESH 8300 lbs. .75 ppg 20/40 WHITE 150,200 lbs 2.0, 2.0-5.0 RAMP, 5.0 ppg SLK WTR 988 BBL, 20# HYBOR G (16) 1538 BBL, BTR 2619 BBLS</p> <p>SHUT IN AND TURN OVER TO CASED HOLE.</p>
12:30	1.00	13:30	PFRT	Perforating	<p>PERF STG #4- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 2800 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7572'-7596'. RUN DOWN AND SET 5-1/2" CBP AT 8020' WITH 2700 PSI. PULL UP AND PERF TGR3 AND DOUGLAS CREEK FORM 7691'-8000' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 2450 PSI. TURN WELL OVER TO HES.</p>
13:30	1.33	14:50	FRAC	Frac. Job	<p>FRAC STG 4 PRESSURE TEST LINES TO 7300 PSI. OPEN WELL W/ 2419 PSI AT 13:37 BREAK DOWN 3153 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.3 BPM AT 1458 PSI. FLUSH W/ 7509 GAL. 29.4 BPM AT 2788 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 49.0 BPM AT 4700 PSI. ISDP 1718. FG .66. PERFS OPEN 13/45</p> <p>ISIP 1753, FG .66, MR 70.9 BPM, AR 67.2 BPM, MP 5337 PSI, AP 3132 PSI 100 MESH 9100 lbs. .75 ppg 20/40 WHITE 149,200 lbs 2.0, 2.0-5.0 RAMP, 5.0 ppg SLK WTR 852 BBL, 20# HYBOR G (16) 1426 BBL, BTR 2359 BBLS</p> <p>SHUT IN, REMOVE STAND PIPES AND TURN OVER TO CASED HOLE.</p>
14:50	1.00	15:50	WLWK	Wireline	<p>KILL PLUG- PU 5-1/2" EXELIS PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 1800 PSI. RIH AND CORRELATE TO CSG JTS (NO SHORT JT NOW). SET KILL PLUG AT 7590' WITH 1400 PSI. BLEED OFF AS POOH.</p>
15:50	2.00	17:50	SRIG	Rig Up/Down	RDMO HES AND CASED HOLE.
17:50	12.16	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE. STACK WTR FOR RIG.

**FD 11-32-2-2 4/26/2014 06:00 - 4/27/2014 06:00**

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL HOLD SAFETY MEETING.	
07:00	2.00	09:00	SRIG	Rig Up/Down	MIRU RIG & EQUIPMENT.	
09:00	3.00	12:00	BOPI	Install BOP's	N/D FRAC TREE. N/U BOPE. R/U FLOOR & EQUIPMENT. SPOT IN CATWALK & PIPE RACKS. LOAD 299 JTS ON RACKS & TALLY.	
12:00	3.00	15:00	RUTB	Run Tubing	P/U 4-3/4 BIT, POBS 1 JT 2-7/8 TBG & S/N. RIH TO KILL PLUG @ 7590' P/U NEW 2-7/8 L-80 TBG.	
15:00	3.00	18:00	GOP	General Operations	R/U POWER SWIVEL. FILL HOLE & TEST BOPE TO 2000 PSI, HELD. D/O CBP @ 7590'. CFP- 800 PSI ON 28/64 CHOKE. SWIVEL IN HOLE, TAG SAND @ 8010'. C/O SAND & D/O CBP @ 8420'. CFP- 1000 ON 28/64 CHOKE. R/D SWIVEL. EOT @ 8028'. TURN WELL OVER TO FLOWBACK. SDFN.	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.	

FD 11-32-2-2 4/27/2014 06:00 - 4/28/2014 06:00

API 43-047-53880	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,175.0	Primary Job Type Drilling & Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.	
07:00	4.00	11:00	DOPG	Drill Out Plugs	CFP 400 ON 24/64 CHOKE. RIH F/ 8028 W/ 4-3/4 BIT, TAG SAND @ 8283'. R/U SWIVEL. BREAK CIRC. C/O SAND & D/O CBP @ 8310'. FCP- 600 ON 26/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 8677'. C/O SAND & D/O CBP @ 8688'. FCP- 800 ON 28/64 CHOKE. SWIVEL IN HOLE. TAG SAND @ 9000'. C/O SAND TO F/C @ 9082'. D/O F/C. C/O CMT TO 9142' PBTD. CIRC WELL CLEAN. R/D SWIVEL.	
11:00	1.50	12:30	PULT	Pull Tubing	PULL ABOVE PERFS L/D 2-7/8 TBG TO 7590' & LAND TBG. 238 JTS TOTAL IN HOLE.	
12:30	1.50	14:00	BOPI	Install BOP's	R/D FLOOR. N/D BOPE. N/U WELLHEAD. DROP BALL DOWN TBG & PUMPED BIT OFF @ 3400 PSI. R/U TBG TO SALES LINE. TURN OVER TO FLOWBACK. SICP- 750, FTP -550 ON 24/64 CHOKE. SDFN.	
14:00	1.00	15:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. SDFN.	
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.	

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 11-32-2-2

9. API NUMBER:
4304753880

10 FIELD AND POOL, OR WILDCAT
Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NESW 32 2S 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: **1833 FSL 1496 FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **1833 FSL 1491 FWL**
AT TOTAL DEPTH: **1799 FSL 1498 FWL**

14. DATE SPURRED: **2/14/2014** 15. DATE T.D. REACHED: **3/17/2014** 16. DATE COMPLETED: **4/27/2014** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5102 GL

18. TOTAL DEPTH: MD **9,175** 19. PLUG BACK T.D.: MD **9,083** 20. IF MULTIPLE COMPLETIONS, HOW MANY? *
TVD **9,174** TVD **9,082** 21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

TRIPLE COMBO/CBL/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
24	16 Conq	65#	0	80	80				0	
12 1/4	8 5/8 J-55	24#	0	1,250	1,246	Lead 150		102	0	
						Tail 460		94		
7 7/8	5 1/2 I-80	17#	0	9,175	9,164	Lead 540		225	3240	
						Tail 720		186		

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	6,181							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	7,691	8,978		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
7,691 8,978	.38	180	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
7691-8978	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: 4/27/2014		TEST DATE: 5/4/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 268	GAS - MCF: 39	WATER - BBL: 68	PROD. METHOD: Flowing
CHOKE SIZE: 48/64	TBG. PRESS. 100	CSG. PRESS. 350	API GRAVITY 30.49	BTU - GAS 1	GAS/OIL RATIO 193	24 HR PRODUCTION RATES: →	OIL - BBL: 268	GAS - MCF: 39	WATER - BBL: 68	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	5,410
				Mahogany	6,589
				Pelican Bench	7,483
				TGR3	7,684
				Douglas Creek	7,871
				Black Shale Facies	8,412
				Castle Peak	8,498
				Uteland Butte	8,705
				Wasatch	9,200
				TD	9,175

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 4/28/2014; first oil sales 4/30/2014

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 5/22/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- 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

11-32-2-2 FD Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 Premium White</u>	<u>gal 15% HCl Acid</u>
1	2639	8000	150600	3900
2	2641	8200	150600	3400
3	2619	8300	150200	3400
4	2359	9180	149220	3458

*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 11-32-2-2
Project:	Fort Duchesne	TVD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Site:	SECTION 32 T2S, R2E	MD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Well:	FD 11-32-2-2	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 32 T2S, R2E		
Site Position:		Northing:	11,159,641.42 usft
From:	Lat/Long	Easting:	2,116,585.06 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 16' 14.510 N
		Longitude:	109° 47' 42.260 W
		Grid Convergence:	1.04 °

Well	FD 11-32-2-2, SHL: 40° 15' 48.240 -109° 47' 50.530					
Well Position	+N/-S	0.0 usft	Northing:	11,156,969.38 usft	Latitude:	40° 15' 48.240 N
	+E/-W	0.0 usft	Easting:	2,115,991.98 usft	Longitude:	109° 47' 50.530 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	5,117.0 usft	Ground Level:	5,102.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/10/2014	10.89	65.96	52,158

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	176.50	

Survey Program	Date	3/19/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
1,278.0	9,175.0	Survey #1 (Wellbore #1)	MWD	MWD v3:standard declination



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 11-32-2-2
Project:	Fort Duchesne	TVD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Site:	SECTION 32 T2S, R2E	MD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Well:	FD 11-32-2-2	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
1,278.0	0.22	232.73	1,278.0	1.4	-1.5	-2.0	0.02	0.02	0.00	0.00
1,366.0	0.40	232.90	1,366.0	1.6	-1.8	-2.3	0.20	0.20	0.19	0.19
1,452.0	0.70	208.64	1,452.0	2.2	-2.4	-2.8	0.43	0.35	-28.21	-28.21
1,536.0	0.31	315.17	1,536.0	2.5	-2.7	-3.2	1.00	-0.46	126.82	126.82
1,623.0	0.79	35.15	1,623.0	1.9	-2.0	-3.0	0.92	0.55	91.93	91.93
1,709.0	0.52	47.89	1,709.0	1.2	-1.3	-2.4	0.35	-0.31	14.81	14.81
1,797.0	0.44	41.28	1,797.0	0.7	-0.8	-1.9	0.11	-0.09	-7.51	-7.51
1,882.0	0.35	62.66	1,882.0	0.3	-0.4	-1.5	0.20	-0.11	25.15	25.15
1,967.0	0.44	78.13	1,967.0	0.2	-0.2	-0.9	0.16	0.11	18.20	18.20
2,052.0	0.35	100.89	2,052.0	0.2	-0.2	-0.3	0.21	-0.11	26.78	26.78
2,137.0	1.32	40.25	2,137.0	-0.5	0.5	0.6	1.40	1.14	-71.34	-71.34
2,224.0	1.27	41.92	2,223.9	-1.9	2.0	1.8	0.07	-0.06	1.92	1.92
2,309.0	1.40	43.15	2,308.9	-3.2	3.4	3.2	0.16	0.15	1.45	1.45
2,395.0	1.19	50.00	2,394.9	-4.5	4.8	4.6	0.30	-0.24	7.97	7.97
2,482.0	0.88	58.70	2,481.9	-5.3	5.7	5.9	0.40	-0.36	10.00	10.00
2,568.0	0.57	52.81	2,567.9	-5.9	6.3	6.8	0.37	-0.36	-6.85	-6.85
2,654.0	0.40	89.55	2,653.9	-6.1	6.6	7.4	0.40	-0.20	42.72	42.72
2,783.0	0.62	221.92	2,782.9	-5.6	6.0	7.4	0.73	0.17	102.61	102.61
2,869.0	0.30	182.01	2,868.9	-5.0	5.5	7.1	0.51	-0.37	-46.41	-46.41
2,954.0	0.53	168.13	2,953.9	-4.4	4.9	7.1	0.29	0.27	-16.33	-16.33
3,041.0	0.79	185.17	3,040.9	-3.4	3.9	7.2	0.37	0.30	19.59	19.59
3,129.0	0.92	208.29	3,128.8	-2.2	2.6	6.8	0.42	0.15	26.27	26.27
3,214.0	0.48	297.24	3,213.8	-1.8	2.2	6.1	1.21	-0.52	104.65	104.65
3,299.0	0.53	308.66	3,298.8	-2.3	2.6	5.5	0.13	0.06	13.44	13.44
3,384.0	1.05	330.11	3,383.8	-3.2	3.5	4.8	0.69	0.61	25.24	25.24
3,470.0	0.83	312.27	3,469.8	-4.4	4.6	4.0	0.42	-0.26	-20.74	-20.74



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 11-32-2-2
Project:	Fort Duchesne	TVD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Site:	SECTION 32 T2S, R2E	MD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Well:	FD 11-32-2-2	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)
3,555.0	0.92	308.49	3,554.8	-5.3	5.5	3.0	0.13	0.11	-4.45
3,640.0	0.88	318.60	3,639.8	-6.3	6.4	2.0	0.19	-0.05	11.89
3,725.0	0.83	299.00	3,724.8	-7.1	7.2	1.0	0.35	-0.06	-23.06
3,811.0	0.57	288.89	3,810.8	-7.6	7.6	0.1	0.33	-0.30	-11.76
3,896.0	0.57	272.45	3,895.8	-7.8	7.8	-0.7	0.19	0.00	-19.34
3,982.0	0.62	330.37	3,981.8	-8.3	8.2	-1.4	0.67	0.06	67.35
4,065.0	0.62	319.30	4,064.8	-9.0	8.9	-1.9	0.14	0.00	-13.34
4,150.0	0.57	309.19	4,149.8	-9.7	9.5	-2.5	0.14	-0.06	-11.89
4,235.0	0.40	297.59	4,234.8	-10.1	10.0	-3.1	0.23	-0.20	-13.65
4,321.0	0.88	3.68	4,320.8	-10.9	10.8	-3.3	0.94	0.56	76.85
4,406.0	0.35	357.97	4,405.8	-11.8	11.7	-3.3	0.63	-0.62	-6.72
4,491.0	0.13	333.89	4,490.8	-12.2	12.0	-3.4	0.28	-0.26	-28.33
4,580.0	0.31	210.58	4,579.8	-12.1	11.9	-3.5	0.45	0.20	-138.55
4,668.0	0.53	219.37	4,667.8	-11.6	11.4	-3.9	0.26	0.25	9.99
4,754.0	0.97	216.73	4,753.7	-10.7	10.5	-4.6	0.51	0.51	-3.07
4,839.0	0.88	272.89	4,838.7	-10.3	9.9	-5.7	1.03	-0.11	66.07
4,925.0	0.53	307.26	4,924.7	-10.6	10.2	-6.7	0.62	-0.41	39.97
5,010.0	0.75	7.20	5,009.7	-11.4	11.0	-6.9	0.78	0.26	70.52
5,096.0	0.22	333.80	5,095.7	-12.1	11.7	-6.9	0.67	-0.62	-38.84
5,181.0	0.13	247.84	5,180.7	-12.2	11.8	-7.1	0.29	-0.11	-101.13
5,267.0	0.53	198.62	5,266.7	-11.8	11.4	-7.3	0.53	0.47	-57.23
5,352.0	0.26	6.58	5,351.7	-11.7	11.2	-7.4	0.92	-0.32	197.60
5,437.0	0.18	82.96	5,436.7	-11.9	11.4	-7.2	0.33	-0.09	89.86
5,523.0	0.35	121.19	5,522.7	-11.7	11.3	-6.9	0.27	0.20	44.45
5,608.0	0.31	49.83	5,607.7	-11.7	11.3	-6.5	0.45	-0.05	-83.95
5,692.0	0.66	50.27	5,691.7	-12.1	11.8	-5.9	0.42	0.42	0.52
5,777.0	1.45	38.49	5,776.7	-13.2	12.9	-4.9	0.96	0.93	-13.86



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 11-32-2-2
Project:	Fort Duchesne	TVD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Site:	SECTION 32 T2S, R2E	MD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Well:	FD 11-32-2-2	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)
5,862.0	1.19	68.72	5,861.7	-14.3	14.1	-3.4	0.86	-0.31	35.56
5,947.0	0.70	108.10	5,946.7	-14.4	14.3	-2.1	0.93	-0.58	46.33
6,031.0	0.79	78.83	6,030.7	-14.2	14.2	-1.0	0.46	0.11	-34.85
6,074.0	0.70	111.00	6,073.7	-14.2	14.2	-0.5	0.98	-0.21	74.81
6,116.0	0.97	143.78	6,115.6	-13.8	13.8	0.0	1.28	0.64	78.05
6,201.0	1.49	163.73	6,200.6	-12.1	12.2	0.7	0.78	0.61	23.47
6,285.0	1.80	195.20	6,284.6	-9.8	9.8	0.7	1.12	0.37	37.46
6,370.0	1.23	201.52	6,369.6	-7.7	7.7	0.0	0.70	-0.67	7.44
6,448.0	1.45	189.04	6,447.5	-6.0	5.9	-0.5	0.47	0.28	-16.00
6,533.0	1.67	191.51	6,532.5	-3.7	3.7	-0.9	0.27	0.26	2.91
6,619.0	1.67	185.53	6,618.5	-1.3	1.2	-1.3	0.20	0.00	-6.95
6,707.0	1.89	181.75	6,706.4	1.4	-1.5	-1.4	0.28	0.25	-4.30
6,794.0	1.19	190.36	6,793.4	3.8	-3.9	-1.6	0.85	-0.80	9.90
6,883.0	0.44	207.41	6,882.4	4.9	-5.1	-2.0	0.88	-0.84	19.16
6,969.0	0.62	2.54	6,968.4	4.8	-4.9	-2.1	1.20	0.21	180.38
7,056.0	0.92	328.61	7,055.4	3.7	-3.8	-2.4	0.61	0.34	-39.00
7,144.0	0.66	316.66	7,143.4	2.7	-2.9	-3.2	0.35	-0.30	-13.58
7,229.0	0.83	358.67	7,228.4	1.7	-1.9	-3.5	0.66	0.20	49.42
7,316.0	1.01	352.70	7,315.4	0.3	-0.5	-3.6	0.23	0.21	-6.86
7,402.0	0.53	342.41	7,401.4	-0.9	0.6	-3.8	0.58	-0.56	-11.97
7,489.0	0.40	290.03	7,488.3	-1.4	1.1	-4.2	0.49	-0.15	-60.21
7,576.0	0.35	219.72	7,575.3	-1.3	1.0	-4.7	0.50	-0.06	-80.82
7,663.0	0.53	193.53	7,662.3	-0.7	0.4	-5.0	0.31	0.21	-30.10
7,751.0	0.97	197.66	7,750.3	0.4	-0.7	-5.3	0.50	0.50	4.69
7,839.0	1.23	189.75	7,838.3	2.0	-2.3	-5.7	0.34	0.30	-8.99
7,926.0	1.41	176.30	7,925.3	4.0	-4.3	-5.8	0.41	0.21	-15.46
8,014.0	1.67	176.04	8,013.3	6.3	-6.7	-5.6	0.30	0.30	-0.30



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD 11-32-2-2
Project:	Fort Duchesne	TVD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Site:	SECTION 32 T2S, R2E	MD Reference:	FD 11-32-2-2 @ 5117.0usft (CAPSTAR 330)
Well:	FD 11-32-2-2	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)
8,099.0	1.58	170.24	8,098.2	8.7	-9.1	-5.3	0.22	-0.11	-6.82
8,184.0	1.63	181.49	8,183.2	11.1	-11.4	-5.2	0.37	0.06	13.24
8,270.0	1.45	164.26	8,269.2	13.4	-13.7	-4.9	0.57	-0.21	-20.03
8,355.0	1.36	159.95	8,354.1	15.4	-15.7	-4.2	0.16	-0.11	-5.07
8,441.0	1.36	165.67	8,440.1	17.4	-17.6	-3.6	0.16	0.00	6.65
8,526.0	1.41	153.01	8,525.1	19.3	-19.5	-2.9	0.36	0.06	-14.89
8,611.0	1.27	156.88	8,610.1	21.2	-21.3	-2.1	0.20	-0.16	4.55
8,697.0	1.27	167.42	8,696.0	23.0	-23.1	-1.5	0.27	0.00	12.26
8,783.0	1.36	162.94	8,782.0	24.9	-25.0	-1.0	0.16	0.10	-5.21
8,870.0	1.45	158.55	8,869.0	27.0	-27.1	-0.3	0.16	0.10	-5.05
8,955.0	1.41	162.94	8,954.0	29.0	-29.1	0.4	0.14	-0.05	5.16
9,040.0	1.32	166.54	9,038.9	31.0	-31.0	1.0	0.15	-0.11	4.24
9,125.0	1.41	156.52	9,123.9	33.0	-32.9	1.6	0.30	0.11	-11.79
9,175.0	1.41	156.52	9,173.9	34.1	-34.1	2.1	0.00	0.00	0.00

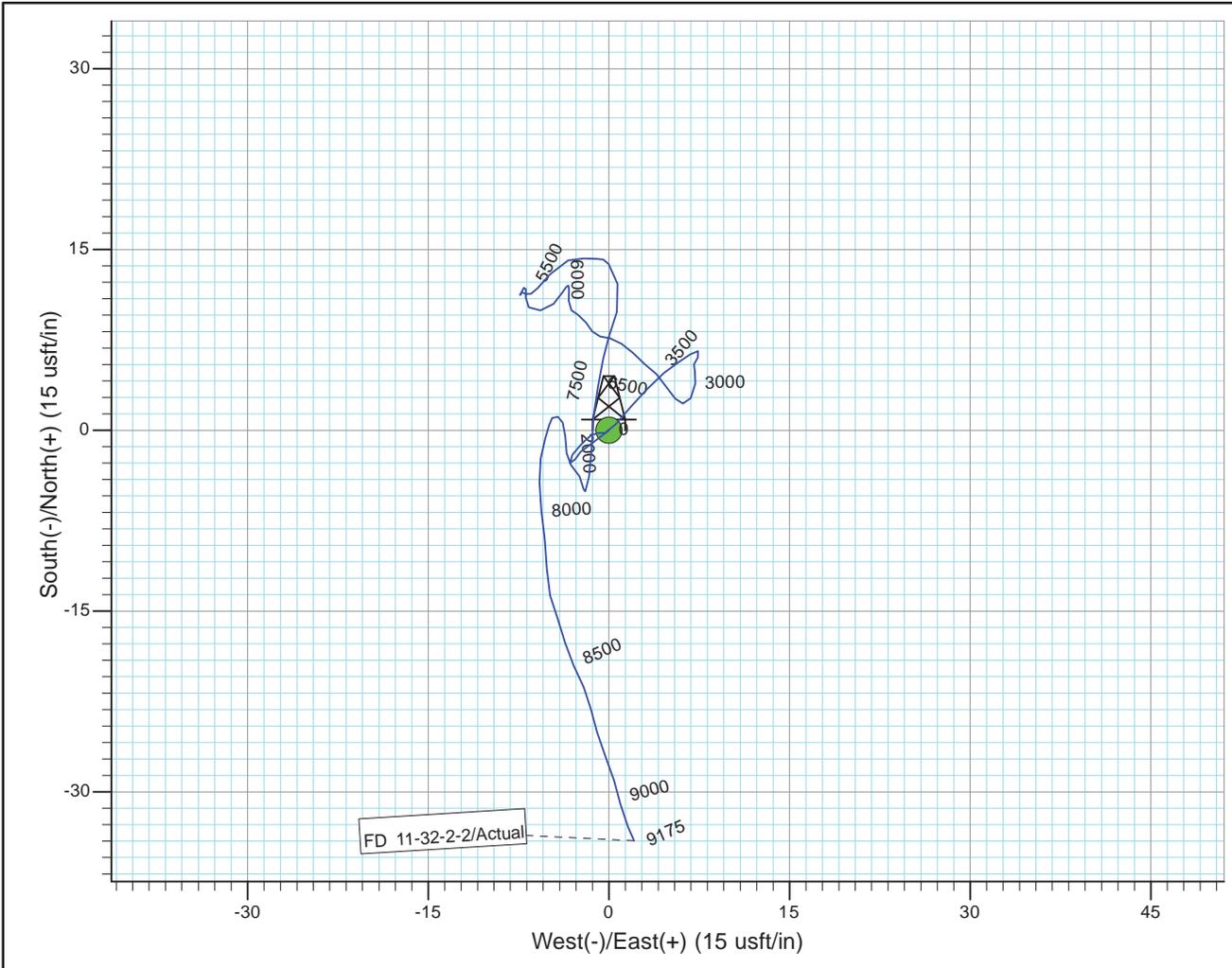
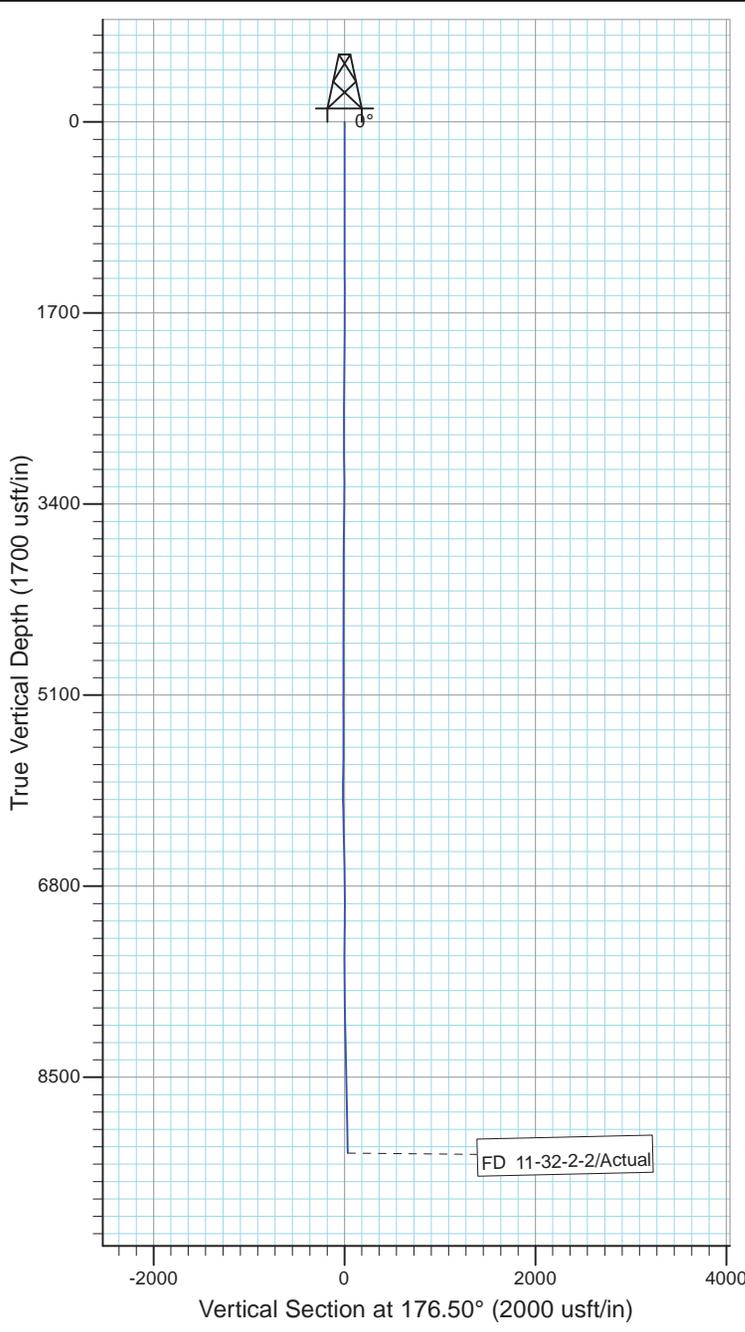
Checked By: _____ Approved By: _____ Date: _____

Sundry Number: 51408 API Well Number: 43047538800000



Project: Fort Duchesne
Site: SECTION 32 T2S, R2E
Well: FD 11-32-2-2
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
 Magnetic North: 10.88°
 Magnetic Field
 Strength: 52158.1snT
 Dip Angle: 65.96°
 Date: 3/10/2014
 Model: IGRF2010



Design: Actual (FD 11-32-2-2/Wellbore #1)

Created By: *Matthew Linton* Date: 9:43, March 19 2014

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