

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> FD 11-30D-2-2					
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> UNDESIGNATED					
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>					
<b>6. NAME OF OPERATOR</b> BILL BARRETT CORP						<b>7. OPERATOR PHONE</b> 303 312-8164					
<b>8. ADDRESS OF OPERATOR</b> 1099 18th Street Ste 2300, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> BHilgers@billbarrettcorp.com					
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Fee			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Nial Richens						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 435-545-2535					
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> PO Box 722, Fort Duchesne, UT 84026						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>					
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>			
LOCATION AT SURFACE		2345 FSL 1625 FWL		NESW	30	2.0 S	2.0 E	U			
Top of Uppermost Producing Zone		1986 FSL 1936 FWL		NESW	30	2.0 S	2.0 E	U			
At Total Depth		1982 FSL 1936 FWL		NESW	30	2.0 S	2.0 E	U			
<b>21. COUNTY</b> UINTAH			<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1936			<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640					
<b>27. ELEVATION - GROUND LEVEL</b> 5016			<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 9020			<b>26. PROPOSED DEPTH</b> MD: 10269 TVD: 10245					
<b>28. BOND NUMBER</b> LPM4138148			<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-2336								
<b>Hole, Casing, and Cement Information</b>											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.8	No Used		0	0.0	0.0
SURF	12.25	9.625	0 - 1500	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown		190	3.16	11.0
							Halliburton Premium , Type Unknown		210	1.36	14.8
PROD	8.75	5.5	0 - 10269	17.0	P-110 LT&C	9.5	Unknown		1140	2.31	11.0
							Unknown		640	1.42	13.5
<b>ATTACHMENTS</b>											
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>											
<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 checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
<b>NAME</b> Venessa Langmacher			<b>TITLE</b> Senior Permit Analyst			<b>PHONE</b> 303 312-8172					
<b>SIGNATURE</b>			<b>DATE</b> 07/18/2012			<b>EMAIL</b> vlangmacher@billbarrettcorp.com					
<b>API NUMBER ASSIGNED</b> 43047529910000			<b>APPROVAL</b> <div style="text-align: center;">                       Permit Manager                 </div>								

**BILL BARRETT CORPORATION**  
**DRILLING PLAN**

***FD 11-30D-2-2***

NE SW, 2345' FSL and 1625' FWL, Section 30, T2S-R2E, USB&M (surface hole)  
NE SW, 1982' FSL and 1936' FWL, Section 30, 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**

<b>Formation</b>	<b>Depth – MD</b>	<b>Depth - TVD</b>
Green River*	5,454'	5,445'
Mahogany	6,484'	6,470'
Lower Green River*	7,711'	7,690'
Douglas Creek	7,726'	7,705'
Black Shale	8,434'	8,410'
Castle Peak	8,479'	8,455'
Wasatch*	9,619'	9,595'
TD	10,269'	10,245'

\*PROSPECTIVE PAY

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

**3. BOP and Pressure Containment Data**

<b>Depth Intervals</b>	<b>BOP Equipment</b>
0 – 1,500'	No pressure control required (may pre-set 9-5/8" will smaller rig)
1,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

**4. Casing Program**

<b>Hole Size</b>	<b>SETTING DEPTH</b>		<b>Casing Size</b>	<b>Casing Weight</b>	<b>Casing Grade</b>	<b>Thread</b>	<b>Condition</b>
	<b>(FROM)</b>	<b>(TO)</b>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

\*The casing program is based on recent wells drilled by Axia in the immediate area.

**Note: 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:**

Bill Barrett Corporation  
 Drilling Program  
 FD 11-30D-2-2  
 Uintah County, Utah

- 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 a minimum of 100 feet from the well bore
- 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

#### 5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing (may pre-set with spudder rig)	Lead: 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft <sup>3</sup> /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 <sup>3</sup> /sx), calculated hole volume with 75% excess. TOC @ 1,000'
5 1/2" Production Casing	Lead: 1140 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft <sup>3</sup> /sx). TOC @ 1,000' Tail: 640 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 7,910'

#### 6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 1,500'	Air/Mist/Mud 8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1,500' - 5,500'	9.2 – 9.4	26 – 36	NC	Freshwater Mud Fluid System
5,500' – TD	9.4 – 9.5	42-58	25 cc or less	DAP 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.

Bill Barrett Corporation  
Drilling Program  
FD 11-30D-2-2  
Uintah County, Utah

**8. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5061 psi\* and maximum anticipated surface pressure equals approximately 2807 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

**9. Auxiliary Equipment**

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

**10. Location and Type of Water Supply**

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

**11. Drilling Schedule**

Location Construction: October 2012  
Spud: October 2012  
Duration: 15 days drilling time  
45 days completion time

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

**BILL BARRETT CORPORATION**

Well location, FD #11-30D-2-2, located as shown in the NE 1/4 SW 1/4 of Section 30, T2S, R2E, U.S.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

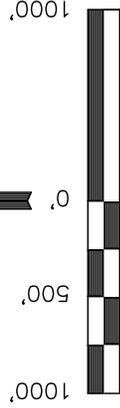
BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

**BASIS OF BEARINGS**

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

**LEGEND:**

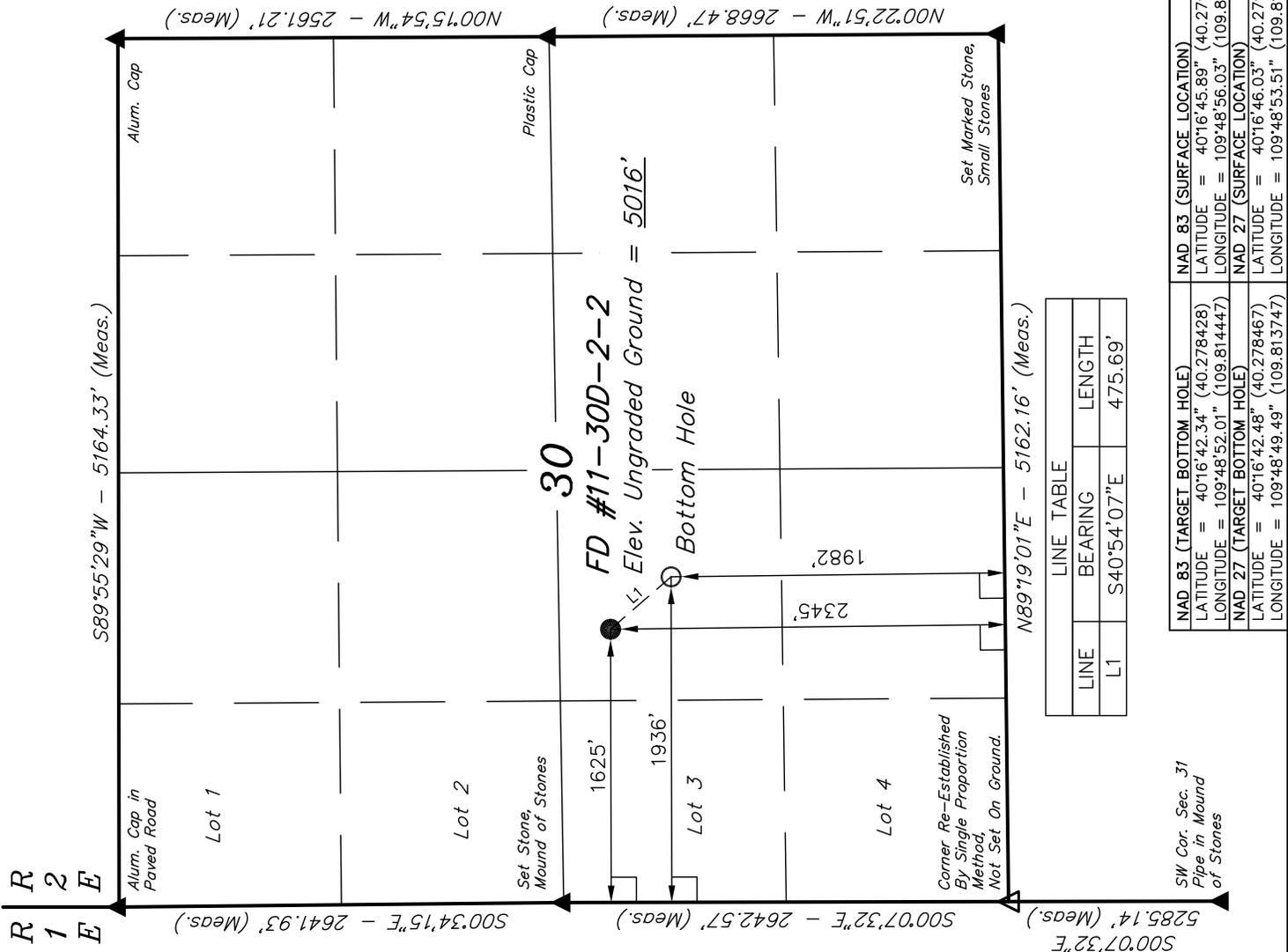
- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE POINT 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.

**DEE LAND SURVEYOR**  
**KAY ROBERTA**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH  
 01-21-12



LINE TABLE		
LINE	BEARING	LENGTH
L1	S40°54'07"E	475.69'

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°16'42.34" (40.278428)	LATITUDE = 40°16'45.89" (40.279414)
LONGITUDE = 109°48'52.01" (109.814447)	LONGITUDE = 109°48'56.03" (109.815564)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°16'42.48" (40.278467)	LATITUDE = 40°16'46.03" (40.279453)
LONGITUDE = 109°48'49.49" (109.813747)	LONGITUDE = 109°48'53.51" (109.814864)

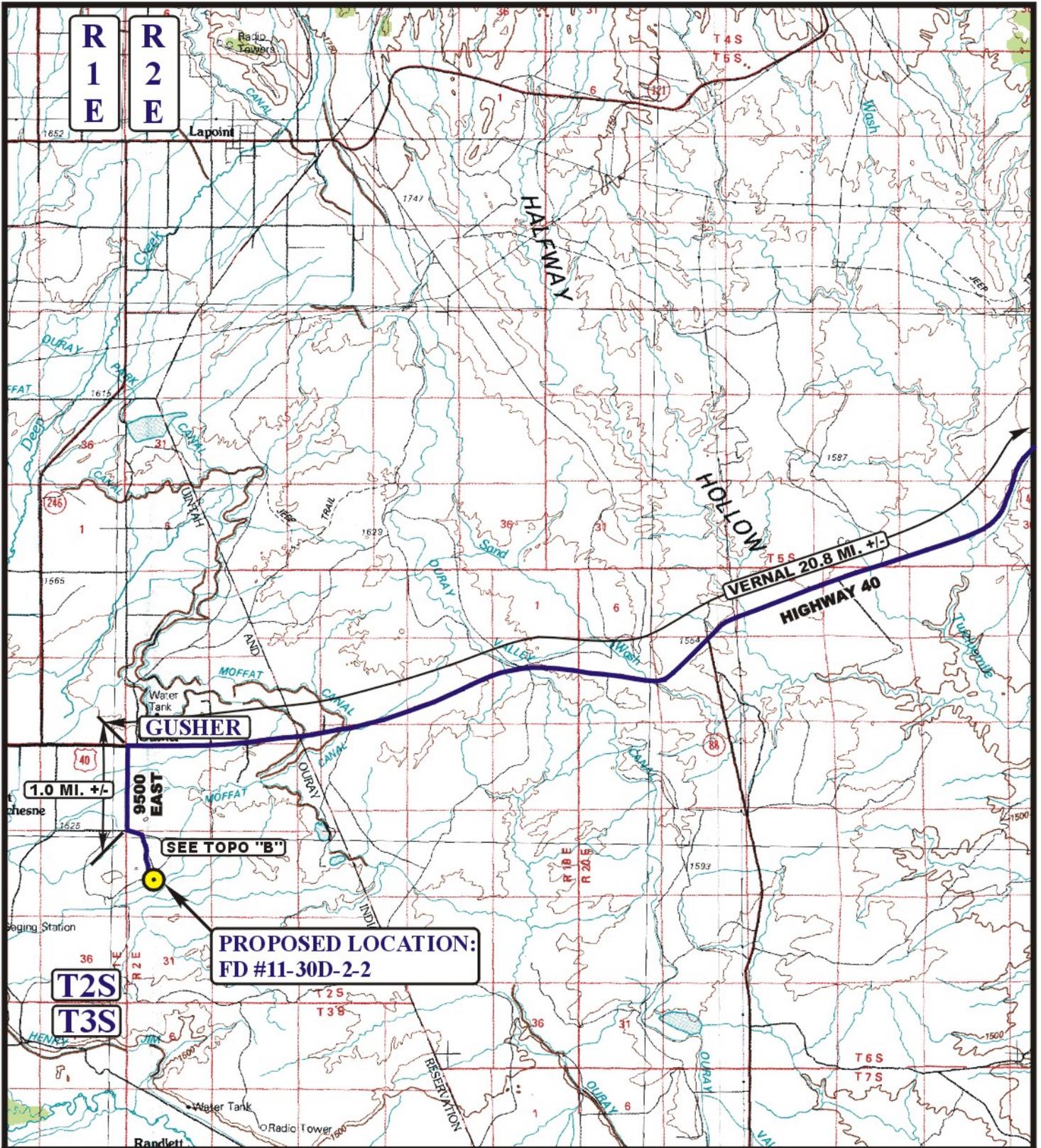
SW Cor. Sec. 31  
 Pipe in Mound  
 of Stones

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

SCALE 1" = 1000'  
 DATE SURVEYED: 11-22-11  
 DATE DRAWN: 01-04-12

PARTY C.R. S.R. T.B.  
 REFERENCES G.L.O. PLAT

WEATHER COLD  
 FILE BILL BARRETT CORPORATION



**LEGEND:**

 PROPOSED LOCATION

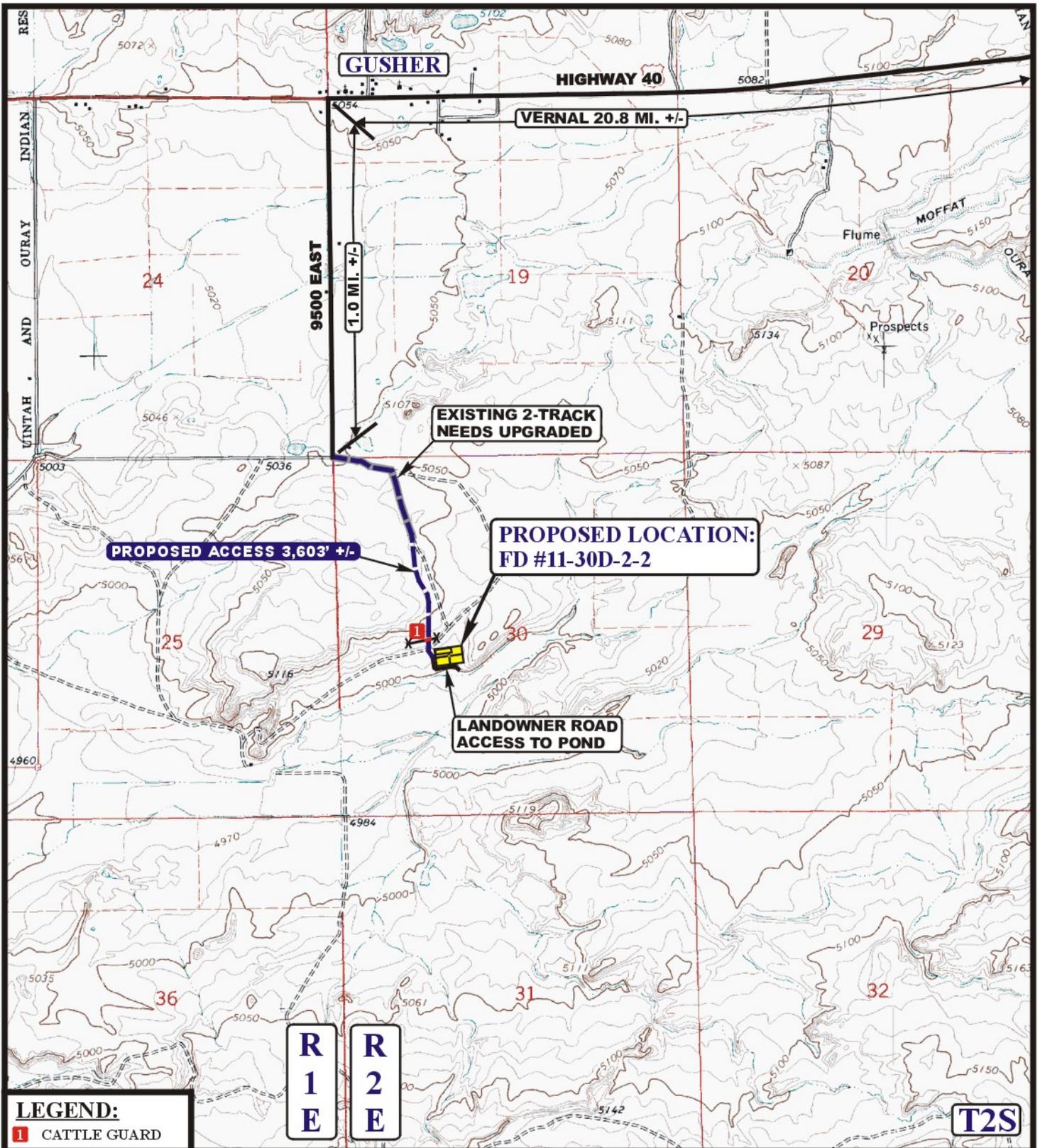


**BILL BARRETT CORPORATION**

**FD #11-30D-2-2**  
**SECTION 30, T2S, R2E, U.S.B.&M.**  
**2345' FSL 1625' FWL**

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

<b>ACCESS ROAD</b> <b>MAP</b>	<b>11</b>	<b>29</b>	<b>11</b>	<b>A</b> <b>TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1:100,000	DRAWN BY: A.T.		REVISED: 00-00-00	



**LEGEND:**  
1 CATTLE GUARD

**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED
- EXISTING FENCE

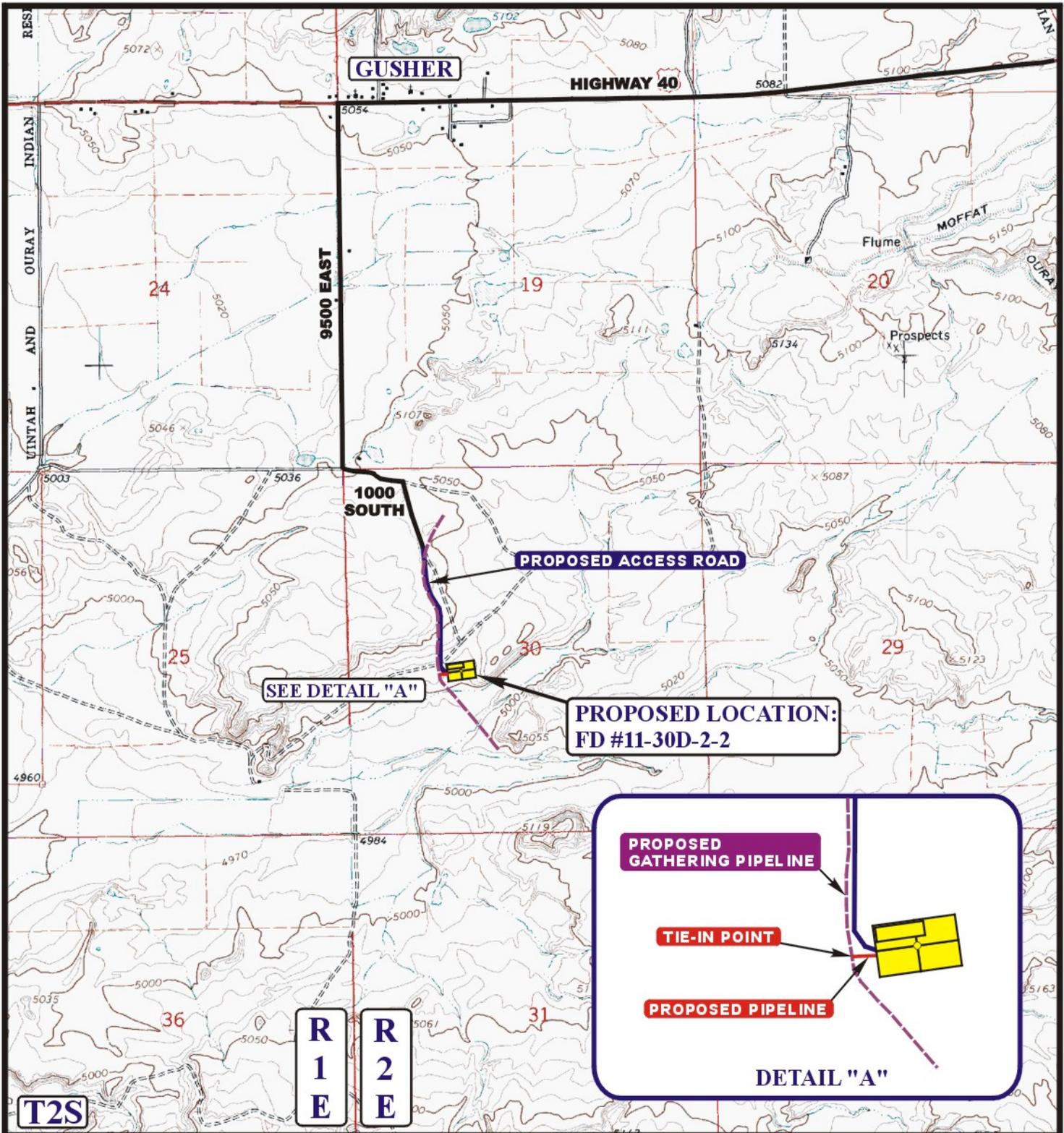
**BILL BARRETT CORPORATION**

**FD #11-30D-2-2**  
**SECTION 30, T2S, R2E, U.S.B.&M.**  
**2345' FSL 1625' FWL**

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<b>ACCESS ROAD</b>	<b>11</b>	<b>29</b>	<b>11</b>	<b>B</b> TOPO
<b>MAP</b>	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: A.T.		REVISED: 02-20-12	



**APPROXIMATE TOTAL PIPELINE DISTANCE = 54' +/-**

**LEGEND:**

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



**BILL BARRETT CORPORATION**

**FD #11-30D-2-2**  
**SECTION 30, T2S, R2E, U.S.B.&M.**  
**2345' FSL 1625' FWL**



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

**TOPOGRAPHIC**  
**MAP**

**11 29 11**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.T. REVISED: 02-20-12



**HALLIBURTON**

Uintah County, UT (NAD 1927)

**Plan Report for 11-30D-2-2 FD - Plan A - Rev 0 Proposal**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>KOP - Begin 1.5°/100ft Build at 3500.00ft</b>										
3,600.00	1.50	139.05	3,599.99	-0.99	0.86	1.31	1.50	1.50	0.00	139.05
3,700.00	3.00	139.05	3,699.91	-3.95	3.43	5.23	1.50	1.50	0.00	0.00
3,800.00	4.50	139.05	3,799.69	-8.89	7.72	11.77	1.50	1.50	0.00	0.00
3,900.00	6.00	139.05	3,899.27	-15.80	13.71	20.92	1.50	1.50	0.00	0.00
3,901.45	6.02	139.05	3,900.71	-15.92	13.81	21.08	1.50	1.50	0.00	0.00
<b>End of Build at 3901.45ft</b>										
4,000.00	6.02	139.05	3,998.72	-23.73	20.59	31.42	0.00	0.00	0.00	0.00
4,100.00	6.02	139.05	4,098.17	-31.65	27.46	41.91	0.00	0.00	0.00	0.00
4,200.00	6.02	139.05	4,197.61	-39.57	34.34	52.40	0.00	0.00	0.00	0.00
4,300.00	6.02	139.05	4,297.06	-47.50	41.22	62.89	0.00	0.00	0.00	0.00
4,400.00	6.02	139.05	4,396.51	-55.42	48.09	73.38	0.00	0.00	0.00	0.00
4,500.00	6.02	139.05	4,495.96	-63.35	54.97	83.87	0.00	0.00	0.00	0.00
4,600.00	6.02	139.05	4,595.41	-71.27	61.84	94.36	0.00	0.00	0.00	0.00
4,700.00	6.02	139.05	4,694.85	-79.19	68.72	104.85	0.00	0.00	0.00	0.00
4,795.67	6.02	139.05	4,790.00	-86.77	75.29	114.89	0.00	0.00	0.00	0.00
<b>Base Moderately Saline Water</b>										
4,800.00	6.02	139.05	4,794.30	-87.12	75.59	115.34	0.00	0.00	0.00	0.00
4,900.00	6.02	139.05	4,893.75	-95.04	82.47	125.83	0.00	0.00	0.00	0.00
5,000.00	6.02	139.05	4,993.20	-102.96	89.34	136.32	0.00	0.00	0.00	0.00
5,100.00	6.02	139.05	5,092.65	-110.89	96.22	146.81	0.00	0.00	0.00	0.00
5,200.00	6.02	139.05	5,192.10	-118.81	103.09	157.30	0.00	0.00	0.00	0.00

**Plan Report for 11-30D-2-2 FD - Plan A - Rev 0 Proposal**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
5,300.00	6.02	139.05	5,291.54	-126.73	109.97	167.79	0.00	0.00	0.00	0.00
5,400.00	6.02	139.05	5,390.99	-134.66	116.84	178.28	0.00	0.00	0.00	0.00
5,454.31	6.02	139.05	5,445.00	-138.96	120.58	183.98	0.00	0.00	0.00	0.00
<b>Green River</b>										
5,500.00	6.02	139.05	5,490.44	-142.58	123.72	188.78	0.00	0.00	0.00	0.00
5,600.00	6.02	139.05	5,589.89	-150.51	130.60	199.27	0.00	0.00	0.00	0.00
5,700.00	6.02	139.05	5,689.34	-158.43	137.47	209.76	0.00	0.00	0.00	0.00
5,800.00	6.02	139.05	5,788.79	-166.35	144.35	220.25	0.00	0.00	0.00	0.00
5,900.00	6.02	139.05	5,888.23	-174.28	151.22	230.74	0.00	0.00	0.00	0.00
6,000.00	6.02	139.05	5,987.68	-182.20	158.10	241.23	0.00	0.00	0.00	0.00
<b>Hold Angle at 6.02°</b>										
6,100.00	6.02	139.05	6,087.13	-190.12	164.97	251.72	0.00	0.00	0.00	0.00
6,200.00	6.02	139.05	6,186.58	-198.05	171.85	262.21	0.00	0.00	0.00	0.00
6,300.00	6.02	139.05	6,286.03	-205.97	178.72	272.70	0.00	0.00	0.00	0.00
6,400.00	6.02	139.05	6,385.47	-213.89	185.60	283.19	0.00	0.00	0.00	0.00
6,484.99	6.02	139.05	6,470.00	-220.63	191.44	292.11	0.00	0.00	0.00	0.00
<b>Mahogany</b>										
6,500.00	6.02	139.05	6,484.92	-221.82	192.47	293.68	0.00	0.00	0.00	0.00
6,600.00	6.02	139.05	6,584.37	-229.74	199.35	304.17	0.00	0.00	0.00	0.00
6,700.00	6.02	139.05	6,683.82	-237.66	206.23	314.66	0.00	0.00	0.00	0.00
6,800.00	6.02	139.05	6,783.27	-245.59	213.10	325.15	0.00	0.00	0.00	0.00
6,900.00	6.02	139.05	6,882.72	-253.51	219.98	335.64	0.00	0.00	0.00	0.00
7,000.00	6.02	139.05	6,982.16	-261.44	226.85	346.14	0.00	0.00	0.00	0.00
7,100.00	6.02	139.05	7,081.61	-269.36	233.73	356.63	0.00	0.00	0.00	0.00
7,200.00	6.02	139.05	7,181.06	-277.28	240.60	367.12	0.00	0.00	0.00	0.00
7,300.00	6.02	139.05	7,280.51	-285.21	247.48	377.61	0.00	0.00	0.00	0.00
7,400.00	6.02	139.05	7,379.96	-293.13	254.35	388.10	0.00	0.00	0.00	0.00
7,500.00	6.02	139.05	7,479.40	-301.05	261.23	398.59	0.00	0.00	0.00	0.00
7,600.00	6.02	139.05	7,578.85	-308.98	268.10	409.08	0.00	0.00	0.00	0.00
7,700.00	6.02	139.05	7,678.30	-316.90	274.98	419.57	0.00	0.00	0.00	0.00
7,711.76	6.02	139.05	7,690.00	-317.83	275.79	420.80	0.00	0.00	0.00	0.00
<b>TGR3</b>										
7,726.85	6.02	139.05	7,705.00	-319.03	276.82	422.39	0.00	0.00	0.00	0.00
<b>Douglas Crk</b>										
7,800.00	6.02	139.05	7,777.75	-324.82	281.85	430.06	0.00	0.00	0.00	0.00
7,900.00	6.02	139.05	7,877.20	-332.75	288.73	440.55	0.00	0.00	0.00	0.00
8,000.00	6.02	139.05	7,976.65	-340.67	295.61	451.04	0.00	0.00	0.00	0.00
8,032.82	6.02	139.05	8,009.28	-343.27	297.86	454.49	0.00	0.00	0.00	0.00
<b>Begin 1.5°/100ft Drop to Vertical at 8032.82ft</b>										
8,100.00	5.01	139.05	8,076.15	-348.15	302.10	460.95	1.50	-1.50	0.00	180.00
8,200.00	3.51	139.05	8,175.87	-353.77	306.97	468.38	1.50	-1.50	0.00	180.00
8,300.00	2.01	139.05	8,275.75	-357.41	310.13	473.20	1.50	-1.50	0.00	180.00
8,400.00	0.51	139.05	8,375.73	-359.07	311.57	475.41	1.50	-1.50	0.00	180.00
8,434.27	0.00	0.00	8,410.00	-359.19	311.68	475.56	1.50	-1.50	0.00	-180.00
<b>End of Drop at 8434.27ft - Black Shale Facies</b>										
8,479.27	0.00	0.00	8,455.00	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
<b>Castle Peak</b>										
8,500.00	0.00	0.00	8,475.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,575.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,675.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,775.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,875.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	8,975.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,075.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,175.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,275.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,375.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,475.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,575.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00

**Plan Report for 11-30D-2-2 FD - Plan A - Rev 0 Proposal**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
9,619.27	0.00	0.00	9,595.00	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
<b>Wasatch</b>										
9,700.00	0.00	0.00	9,675.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,775.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,875.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
10,000.00	0.00	0.00	9,975.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,075.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,175.73	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
10,269.27	0.00	0.00	10,245.00	-359.19	311.68	475.56	0.00	0.00	0.00	0.00
<b>Total Depth at 10269.27ft</b>										

**Plan Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,500.00	3,500.00	0.00	0.00	KOP - Begin 1.5°/100ft Build at 3500.00ft
3,901.45	3,900.71	-15.92	13.81	End of Build at 3901.45ft
6,000.00	5,987.68	-182.20	158.10	Hold Angle at 6.02°
8,032.82	8,009.28	-343.27	297.86	Begin 1.5°/100ft Drop to Vertical at 8032.82ft
8,434.27	8,410.00	-359.19	311.68	End of Drop at 8434.27ft
10,269.27	10,245.00	-359.19	311.68	Total Depth at 10269.27ft

**Vertical Section Information**

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (ft)
				+N/_S (ft)	+E/-W (ft)	
Target	11-30D-2-2 FD_PlanA - Rev0_BHL Tgt	139.05	Slot	0.00	0.00	0.00

**Survey tool program**

From (ft)	To (ft)	Survey/Plan	Survey Tool
0.00	10,269.27	Plan A - Rev 0 Proposal	MWD

**Formation Details**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,795.67	4,790.00	Base Moderately Saline Water		0.00	
5,454.31	5,445.00	Green River		0.00	
6,484.99	6,470.00	Mahogany		0.00	
7,711.76	7,690.00	TGR3		0.00	
7,726.85	7,705.00	Douglas Crk		0.00	
8,434.27	8,410.00	Black Shale Facies		0.00	
8,479.27	8,455.00	Castle Peak		0.00	
9,619.27	9,595.00	Wasatch		0.00	

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**Plan Report for 11-30D-2-2 FD - Plan A - Rev 0 Proposal**

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*Targets associated with this wellbore*

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
11-30D-2-2 FD_PlanA - Rev0_Zone Tgt	8,410.00	-359.19	311.68	Rectangle
11-30D-2-2 FD_PlanA - Rev0_BHL Tgt	10,245.00	-359.19	311.68	Point

**North Reference Sheet for Sec. 30-T2S-R2E - 11-30D-2-2 FD - Plan A**

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

Vertical Depths are relative to KB @ 5040.00ft (Rig KB). Northing and Easting are relative to 11-30D-2-2 FD

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

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is -111.50°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99992886

Grid Coordinates of Well: 713,266.86 ft N, 2,470,133.76 ft E

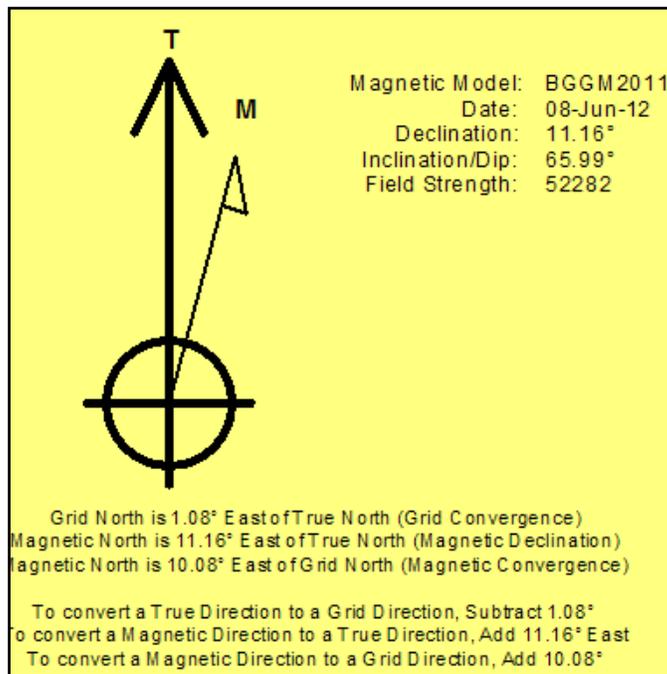
Geographical Coordinates of Well: 40° 16' 46.03" N, 109° 48' 53.51" W

Grid Convergence at Surface is: 1.08°

Based upon Minimum Curvature type calculations, at a Measured Depth of 10,269.27ft

the Bottom Hole Displacement is 475.56ft in the Direction of 139.05° (True).

Magnetic Convergence at surface is: -10.08° ( 8 June 2012, , BGGM2011)



Project: Uintah County, UT (NAD 1927)  
 Site: Sec. 30-T2S-R2E  
 Well: 11-30D-2-2 FD  
 Wellbore: Plan A  
 Plan: Plan A - Rev 0 Proposal

# Bill Barrett Corp



### SECTION DETAILS

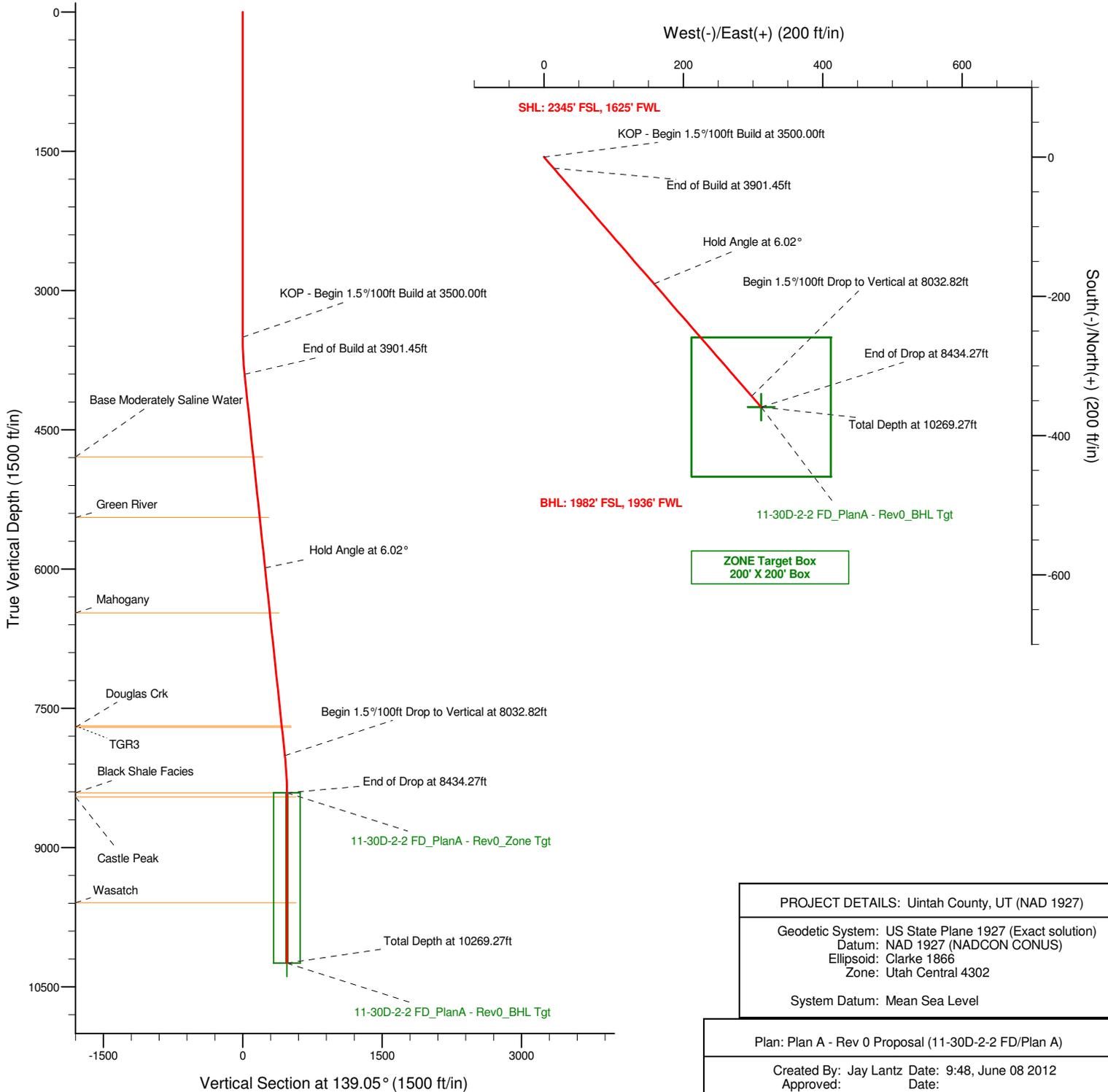
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	
3	3901.45	6.02	139.05	3900.71	-15.92	13.81	1.50	139.05	21.08	
4	8032.82	6.02	139.05	8009.29	-343.27	297.86	0.00	0.00	454.49	
5	8434.27	0.00	0.00	8410.00	-359.19	311.68	1.50	180.00	475.56	11-30D-2-2 FD_PlanA - Rev0_Zone Tgt
6	10269.27	0.00	0.00	10245.00	-359.19	311.68	0.00	0.00	475.56	11-30D-2-2 FD_PlanA - Rev0_BHL Tgt

Azimuths to True North  
 Magnetic North: 11.16°

Magnetic Field  
 Strength: 52282.4snT  
 Dip Angle: 65.99°  
 Date: 6/8/2012  
 Model: BGGM2011

### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
11-30D-2-2 FD_PlanA - Rev0_Zone Tgt	8410.00	-359.19	311.68	40° 16' 42.481 N	109° 48' 49.489 W	Rectangle (Sides: L200.00 W200.00)
11-30D-2-2 FD_PlanA - Rev0_BHL Tgt	10245.00	-359.19	311.68	40° 16' 42.481 N	109° 48' 49.489 W	Point



**SURFACE USE AGREEMENT**  
(FD 11-30D-2-2)

**THIS AGREEMENT** Dated April 16, 2012 by and between \_\_\_\_\_

**Nial L. Richens**

whose address is P.O. Box 722, Ft. Duchesne, UT 84026  
(435-545-2535 phone)

\_\_\_\_\_, hereinafter referred to as "Surface Owner", and  
**Bill Barrett Corporation**, whose address is 1099 18<sup>th</sup> Street, #2300, Denver, CO 80202  
hereinafter referred to as "Operator".

WITNESSETH:

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

A Tract of land lying in the **NESW of Section 30, 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 Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**ADDITIONAL PROVISIONS:**

12. Upon Surface Owner's execution of this Agreement, Operator shall pay Surface Owner the Twenty Thousand Dollars (\$20,000.00) payment for damages for the wellsite and access provided in paragraph 1.a. above.

**SURFACE OWNER:**

*Nial L. Richens*

By: Nial L. Richens

SS/Tax ID# 528-22-6652

STATE of Utah

ACKNOWLEDGEMENT

COUNTY of Uintah

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 17 day of April, 2012, personally appeared Nial L. Richens

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

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

My Commission Expires: 11.25.2014

*Terra M. Miller*  
Notary Public:



**MEMORANDUM OF SURFACE USE AGREEMENT**

State of Utah                    )  
  )  
County of Uintah                )

**Nial L. Richens of P.O. Box 722, Ft. Duchesne, UT 84026**, hereafter referred to as "Surface Owners" have granted, a Surface Use Agreement, to **Bill Barrett Corporation of 1099 18<sup>th</sup> Street, #2300, Denver, CO 80202**, hereafter referred to as "Bill Barrett", dated **April 16, 2012**, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from **FD 11-30D-2-2** on the following lands (the "Lands") in Uintah County Utah: **A tract of land lying in the NE/4SW/4 of Section 30, Township 2 South, Range 2 East, USM, Uintah County.**

The Surface Use Agreement is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Use Agreement.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 17 day of April, 2012.

**SURFACE OWNERS:**

Nial L. Richens  
**Nial L. Richens**

**ACKNOWLEDGEMENT**

STATE OF UTAH                    }  
  }:SS  
COUNTY OF Uintah            }

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 17 day of April, 2012, personally appeared **Nial L. Richens**, 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



**PIPELINE RIGHT-OF-WAY AGREEMENT**

STATE OF UTAH }  
 } SS  
COUNTY OF UINTAH }

**Nial L. Richens whose address is PO Box 722, Ft. Duchesne, Utah 84026-0722**

("GRANTOR'S"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to **Aurora Gathering, LLC** of **1099 18<sup>th</sup> Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use pipelines along with the right to alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipelines or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in **Uintah** County, State of Utah, to-wit:

**Township 2 South, Range 2 East, USM**

**Section 30: A tract of land lying in the N/2SW/4**

**Section 31: A tract of land lying in the NE/4NW/4, N/2NE/4, SE/4NE/4**

**Section 32: A tract of land lying in the NE/4NE/4**

**Section 33: A tract of land lying in the N/2N/2**

**As further described on Exhibit "A" attached hereto and made a part hereof.**

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor's shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor's arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Thirty (30) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor's once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless **Aurora Gathering, LLC**, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee following completion of the pipeline, at which time Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

This Pipeline Right-of-Way Agreement is signed by Grantor's and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

**GRANTOR:**

**GRANTEE:**

**Aurora Gathering, LLC**

  
**Nial L. Richens**

\_\_\_\_\_  
**Huntington T. Walker,**  
**Senior Vice-President Land**

ACKNOWLEDGEMENT

STATE OF Utah }  
COUNTY OF Uintah } :SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 17 day of April, 2012, personally appeared **Nial L. Richens** 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



ACKNOWLEDGEMENT

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

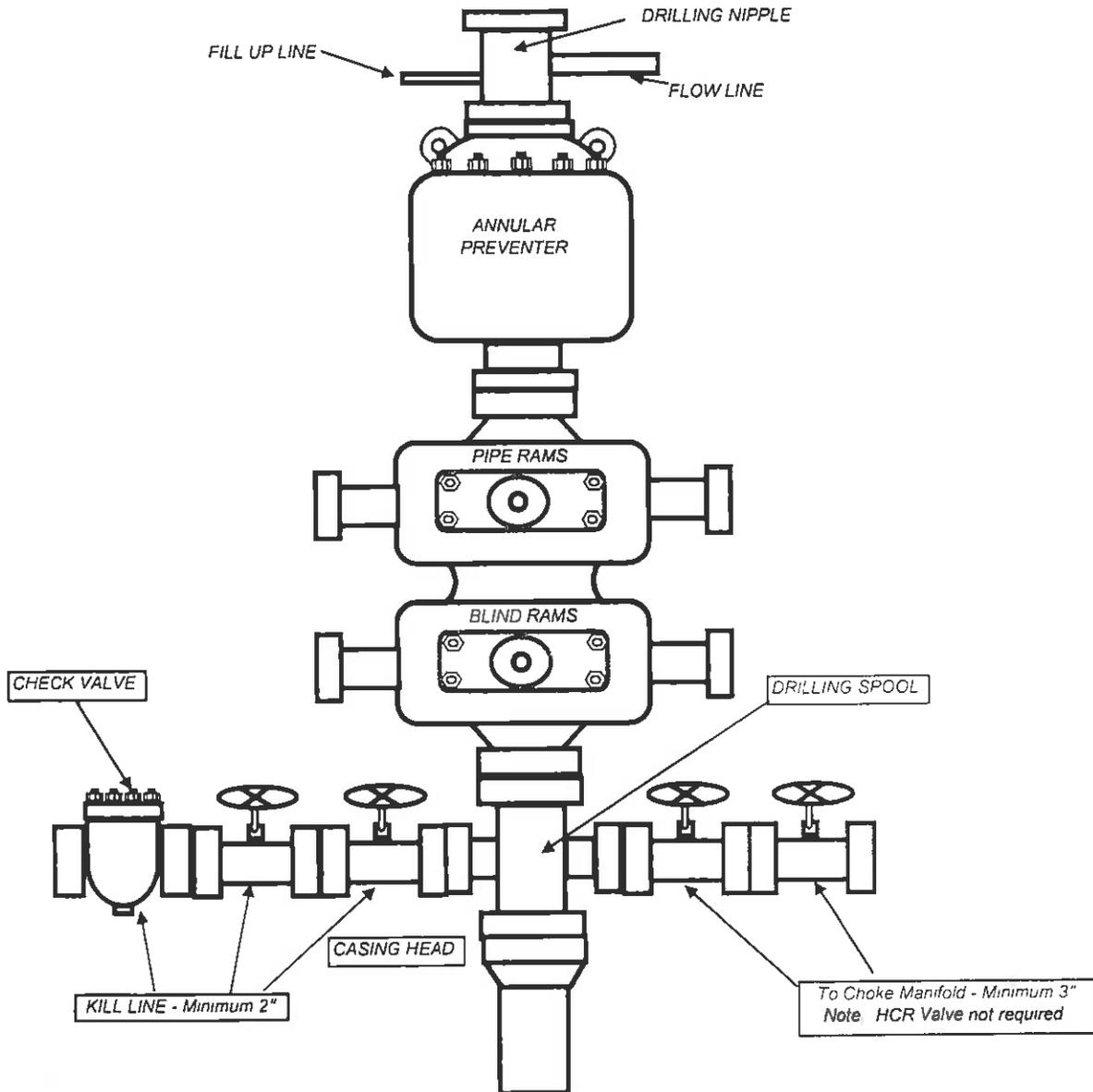
On the \_\_\_\_ day of \_\_\_\_\_, 2012, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the Senior Vice-President Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

\_\_\_\_\_  
Notary Public for the State of

Residing at \_\_\_\_\_

# BILL BARRETT CORPORATION

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





July 18, 2012

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

RE:Commingling Application  
Fort Duchesne Unit  
FD 11-30D-2-2  
NESW Section 30, T2S R2E  
Uintah County,UT

Dear Mr. Doucet,

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

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

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Vanessa Langmacker' with a small flourish below it.

Thomas J. Abell  
Landman

Enclosures



AFFIDAVIT OF NOTICE

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

FD 11-30D-2-2 Well          NESW      30 T2S-R2E

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

Lessees

EP Energy E&P Company, L.P.  
EnCana Corporation

Date: July 18, 2012

Affiant

A handwritten signature in blue ink that reads 'Venesia Dangmaches for' is written over a horizontal line.

Thomas J. Abell  
Landman



July 18, 2012

EP Energy E&P Company, L.P.  
1001 Louisiana Street  
Houston, TX 77002

RE: Commingling Application  
FD 11-30D-2-2  
Uintah County, UT

Dear Sir or Madam,

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

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

BILL BARRETT CORPORATION



Thomas J. Abell  
Landman





July 18, 2012

EnCana Corporation  
370 17<sup>th</sup> Street, Suite 1700  
Denver, CO 80202

RE: Commingling Application  
FD 11-30D-2-2  
Uintah County, UT

Dear Sir or Madam,

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

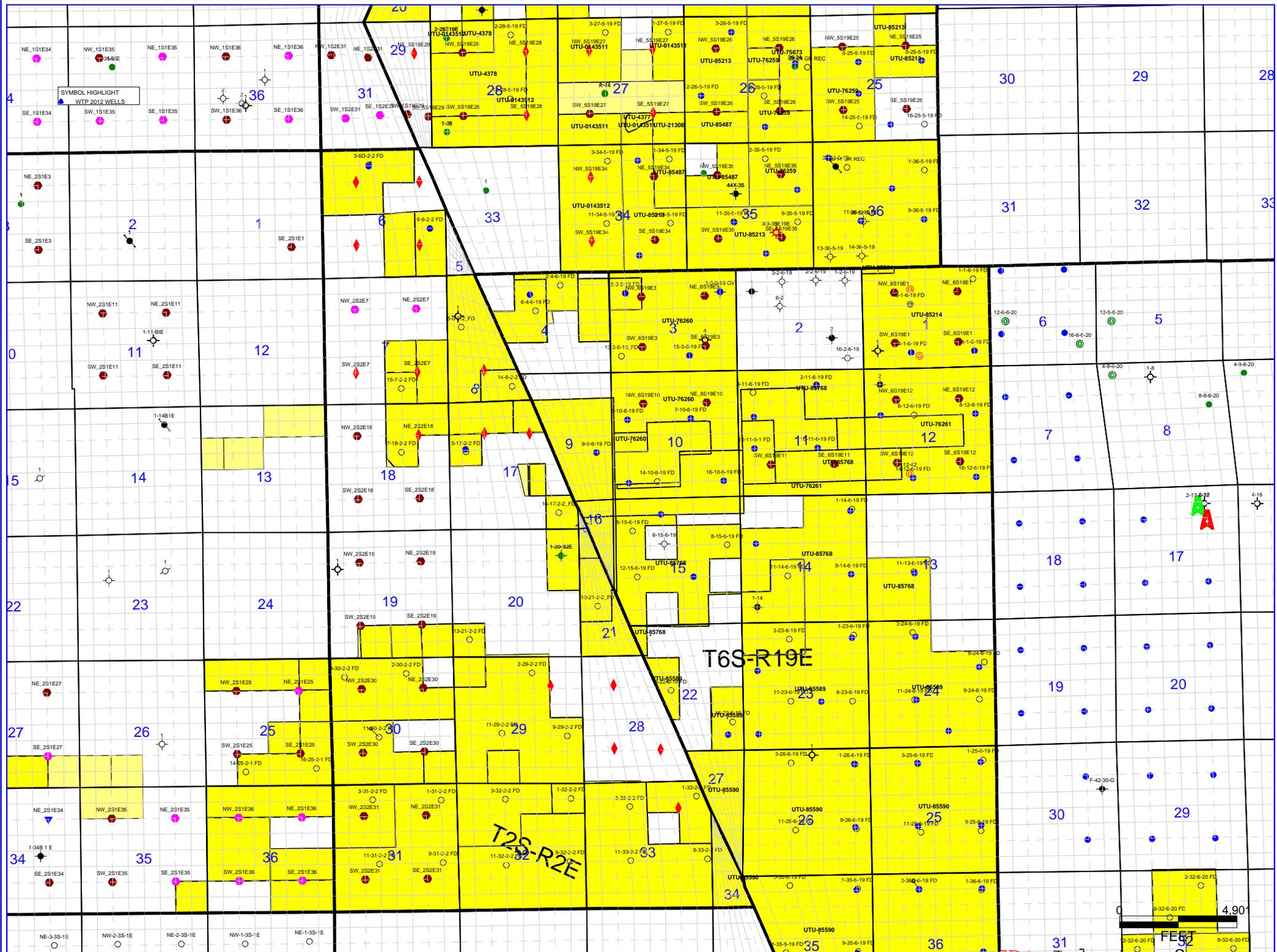
Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads 'Venessa Langmacker'. The signature is written in a cursive style.

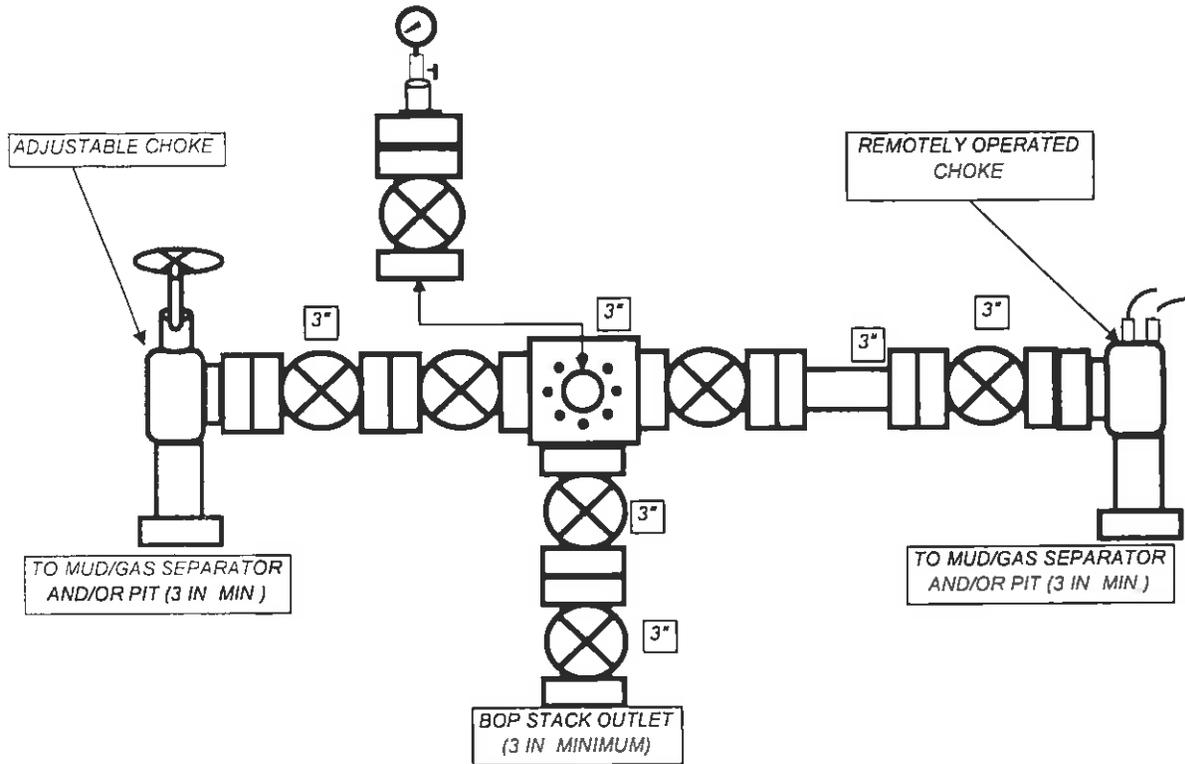
Thomas J. Abell  
Landman

Handwritten initials 'TJ' in blue ink, positioned to the right of the typed name 'Thomas J. Abell'.



# BILL BARRETT CORPORATION

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





July 18, 2012

Ms. Diana Mason – Petroleum Technician  
State of Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Directional Drilling FD 11-30D-2-2

**East Bluebell Area**

Surface: 2345' FSL, 1625' FWL, NESW, 30-T2S-R2E USM  
Bottom Hole: 1982' FSL, 1936' FWL, NESW, 30-T2S-R2E USM  
Uintah County, Utah

Dear Ms. Mason,

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

- The proposed location is within our East Bluebell Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area.
- The well will be drilled under Arza L. Mills.
- BBC certifies that it is the working interest owner of all lands within 460 feet of the proposed well location, and together with EnCana and Forest Oil, we own 100% of the working interest in these lands.
- Attached please find consents to directionally drill from Forest and Encana.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. Should you have any questions or need further information, please contact me at 303-299-9935.

Sincerely,

  
Thomas Abell  
Landman

1099 18<sup>TH</sup> STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420



Forest Oil Corporation consents to the directional drilling of FD 11-30D-2-2

Forest Oil Corporation does NOT consent to the directional drilling of FD 11-30D-2-2

By: Ken M. The

Title: Landman Date: 7/18/12

---

1099 18<sup>TH</sup> STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420



EnCana consents to the directional drilling of FD 11-30D-2-2

EnCana does NOT consent to the directional drilling of FD 11-30D-2-2

By: *Julie Lethan*

Title: *land Negotiator* Date: *4/18/2012*

1099 18<sup>TH</sup> STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420



**BILL BARRETT CORPORATION**

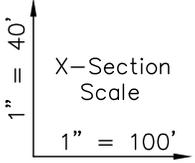
**TYPICAL CROSS SECTIONS FOR**

FD #11-30D-2-2

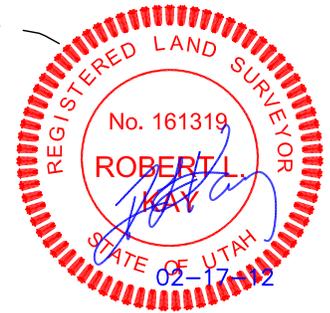
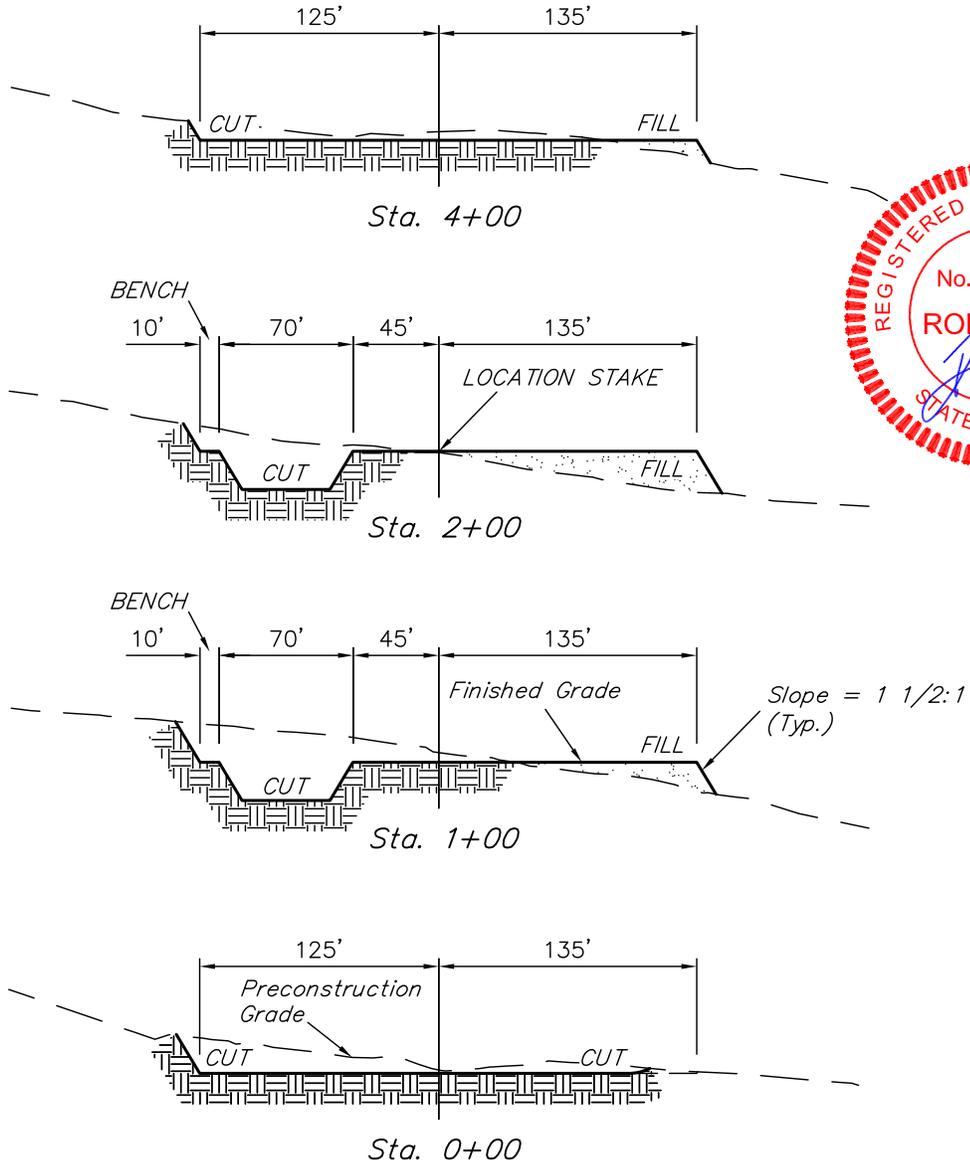
SECTION 30, T2S, R2E, U.S.B.&M.

2345' FSL 1625' FWL

**FIGURE #2**



DATE: 01-06-12  
DRAWN BY: T.B.  
REVISED: 02-17-12



**NOTE:**

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 3.202 ACRES
ACCESS ROAD DISTURBANCE	= ± 2.460 ACRES
PIPELINE DISTURBANCE	= ± 0.020 ACRES
<b>TOTAL</b>	<b>= ± 5.682 ACRES</b>

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 2,130 Cu. Yds.
Remaining Location	= 9,130 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 11,260 CU.YDS.</b>
<b>FILL</b>	<b>= 7,200 CU.YDS.</b>

EXCESS MATERIAL	= 4,060 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,060 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

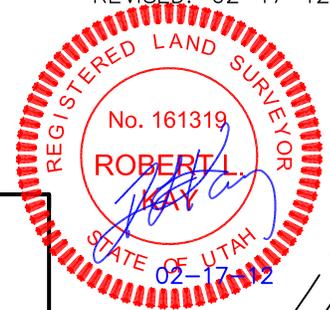
# BILL BARRETT CORPORATION

## TYPICAL RIG LAYOUT FOR

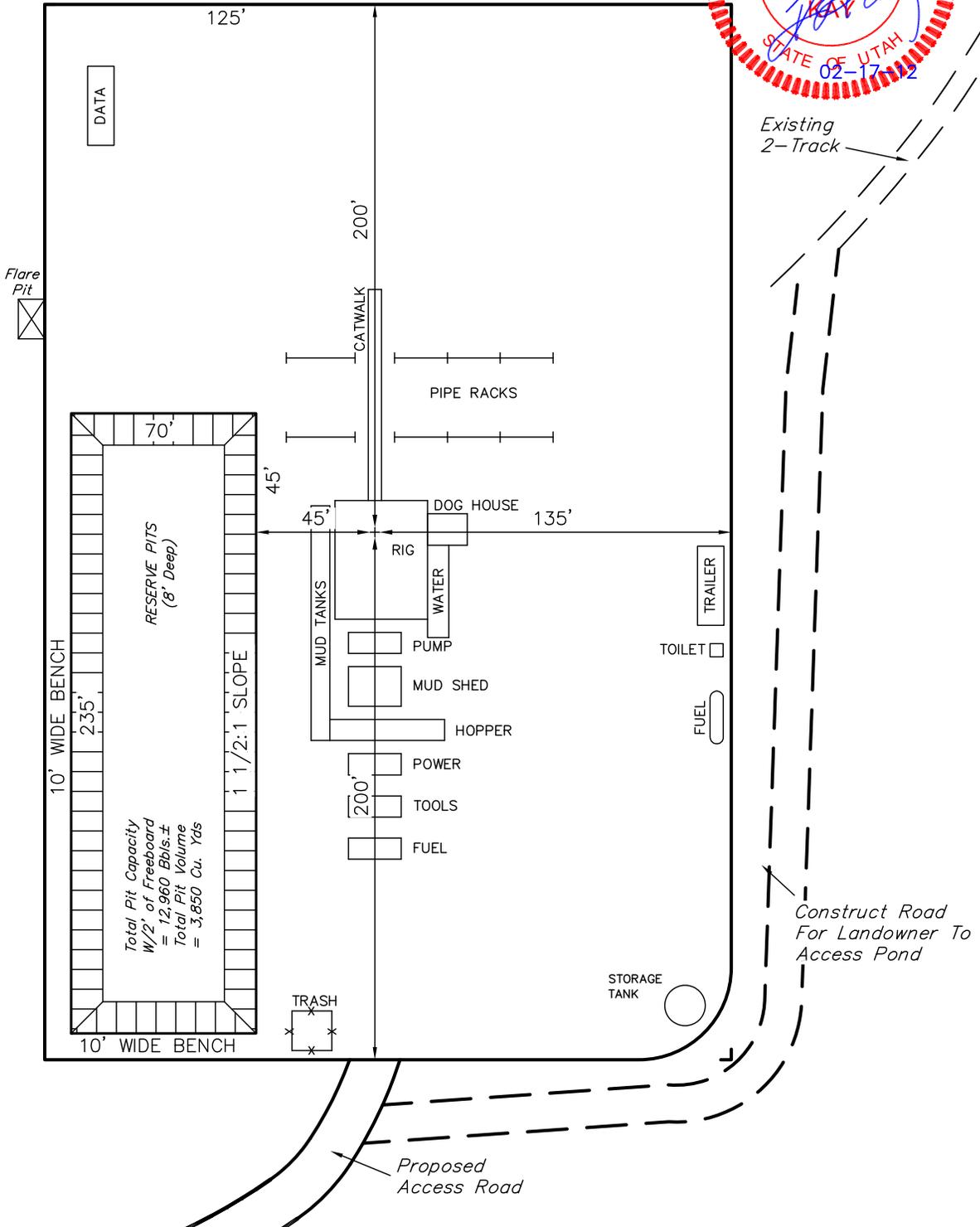
FD #11-30D-2-2  
SECTION 30, T2S, R2E, U.S.B.&M.  
2345' FSL 1625' FWL

FIGURE #3

SCALE: 1" = 60'  
DATE: 01-06-12  
DRAWN BY: T.B.  
REVISED: 02-17-12



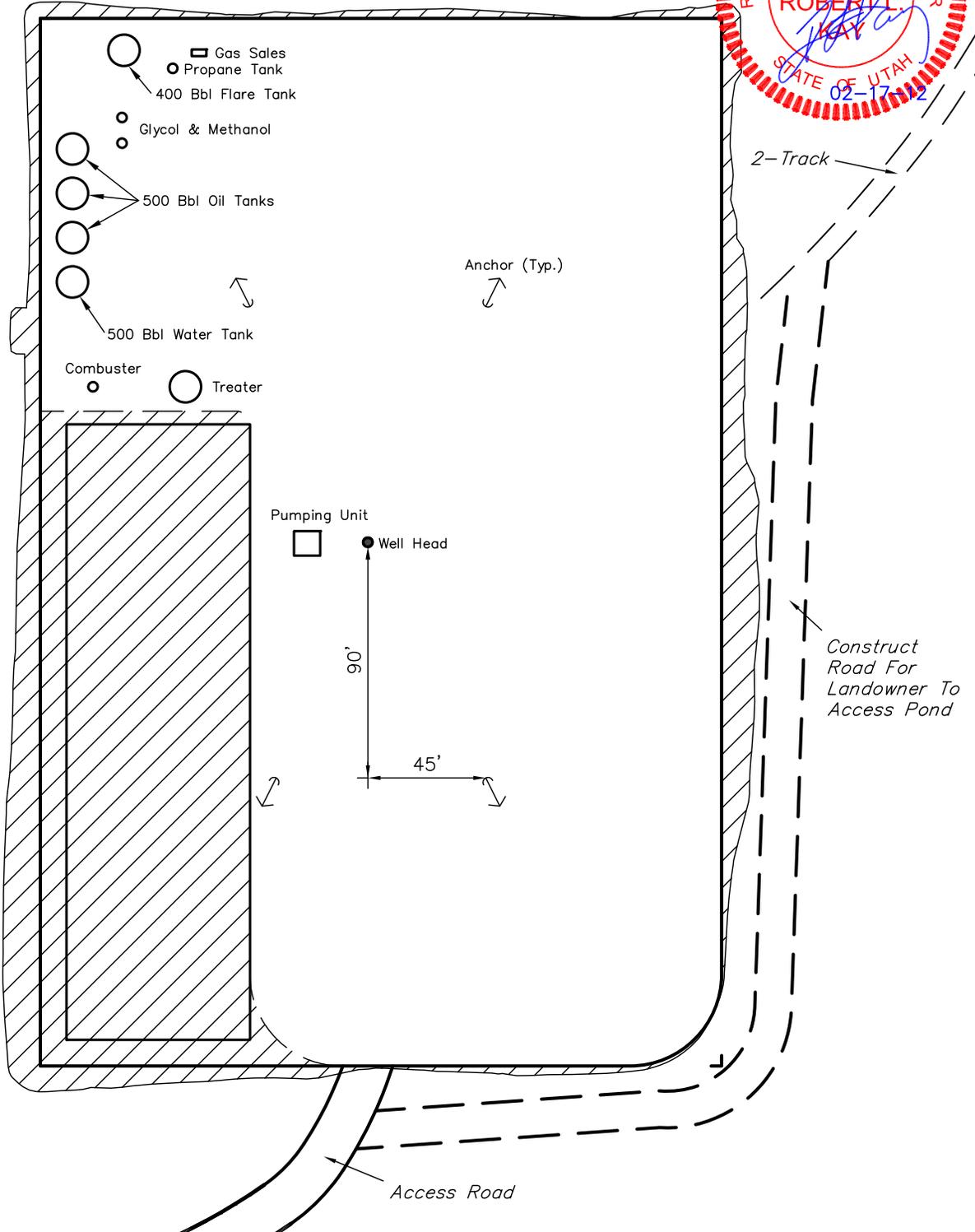
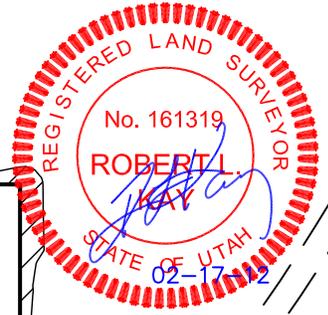
**NOTE:**  
Flare Pit is to be located a min. of 100' from the Well Head.



**BILL BARRETT CORPORATION**  
INTERIM RECLAMATION PLAN FOR  
FD #11-30D-2-2  
SECTION 30, T2S, R2E, U.S.B.&M.  
2345' FSL 1625' FWL

**FIGURE #4**

SCALE: 1" = 60'  
DATE: 01-06-12  
DRAWN BY: T.B.  
REVISED: 02-17-12



RECLAIMED AREA

APPROXIMATE ACREAGES  
UN-RECLAIMED = ± 1.916 ACRES

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

**RECEIVED:** July 18, 2012



BOPE REVIEW BILL BARRETT CORP FD 11-30D-2-2 43047529910000

Well Name	BILL BARRETT CORP FD 11-30D-2-2 43047529910000			
String	COND	SURF	PROD	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	80	1500	10245	
Previous Shoe Setting Depth (TVD)	0	80	1500	
Max Mud Weight (ppg)	8.8	8.8	9.5	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	5061		9.5	

Calculations	COND String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	37	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	27	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	19	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	19	NO
Required Casing/BOPE Test Pressure=		80	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

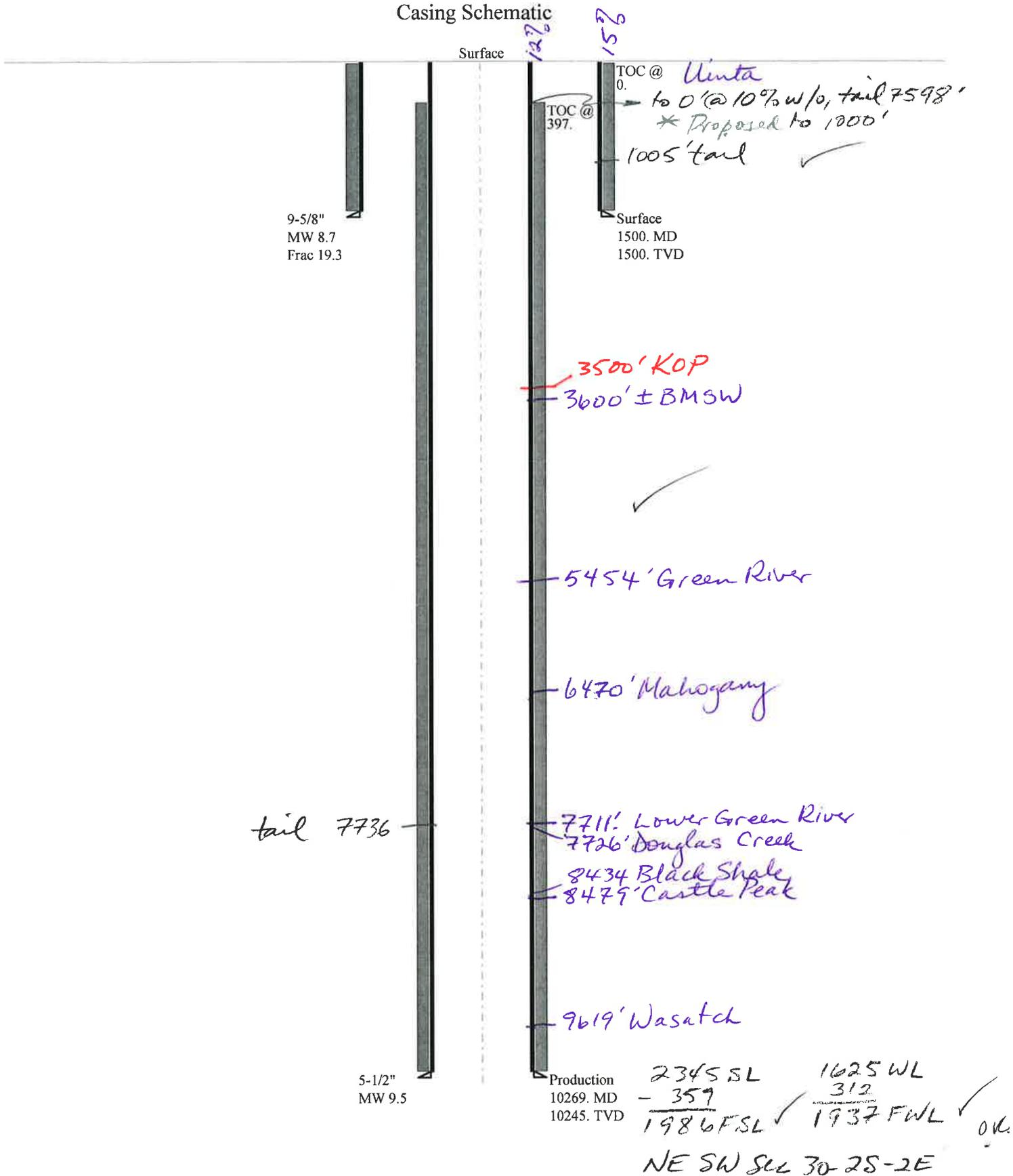
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	686	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	506	NO air mist/fresh wtr spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	356	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	374	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=	5061	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3832	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2807	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3137	NO Reasonable
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

# 43047529910000 FD 11-30D-2-2

## Casing Schematic



Well name:	<b>43047529910000 FD 11-30D-2-2</b>		
Operator:	<b>BILL BARRETT CORP</b>		
String type:	Surface	Project ID:	43-047-52991
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 air 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: 10,245 ft  
 Next mud weight: 9.500 ppg  
 Next setting BHP: 5,056 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	54	394	7.30 J

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

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

Date: September 26, 2012  
 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:	<b>43047529910000 FD 11-30D-2-2</b>		
Operator:	<b>BILL BARRETT CORP</b>		
String type:	Production	Project ID:	43-047-52991
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

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

**Burst**

Max anticipated surface pressure: 2,802 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 5,056 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: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.60 (B)

Tension is based on air weight.  
 Neutral point: 8,793 ft

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 217 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 397 ft

**Directional Info - Build & Drop**

Kick-off point: 3500 ft  
 Departure at shoe: 476 ft  
 Maximum dogleg: 1.5 °/100ft  
 Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10269	5.5	17.00	P-110	LT&C	10245	10269	4.767	67640

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	5056	7480	1.479	5056	10640	2.10	174.2	445	2.56 J

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

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

Date: September 26, 2012  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 10245 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** BILL BARRETT CORP  
**Well Name** FD 11-30D-2-2  
**API Number** 43047529910000      **APD No** 6458    **Field/Unit** UNDESIGNATED  
**Location: 1/4,1/4 NESW Sec 30 Tw 2.0S Rng 2.0E 2345 FSL 1625 FWL**  
**GPS Coord (UTM) 600689 4459443**      **Surface Owner** Nial Richens

### Participants

Jake Woodland and Kary Eldredge (BBC), Don Hamilton (permit contractor), Brandon Bowthorpe and Trevor Anderson (surveyors)

### Regional/Local Setting & Topography

This location is set 1.5 miles south Gusher, Utah. The land here is made up of broken hills and small drainages with some flat areas used for farming. The soil is generally sandy with exposed rock ledges along the hill edges. Drainage from this site is to the south and there are drainage diversions needed around both the east and west side of the location.

### Surface Use Plan

#### **Current Surface Use**

Grazing

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.7	<b>Width 260 Length 400</b>	Onsite	DUCHR

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Rabbit Brush, prickly pear

#### **Soil Type and Characteristics**

Sandy soil, exposed rock formations in hill sides

#### **Erosion Issues** Y

The soils here are highly erodible and are subject to erosion and sedimentation transport during heavy precipitation events

**Sedimentation Issues** N

**Site Stability Issues** N

#### **Drainage Diversion Required?** Y

Must be diverted around east and west sides of location

**Berm Required? N**

**Erosion Sedimentation Control Required? N**

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

- Distance to Groundwater (feet)**
- Distance to Surface Water (feet)**
- Dist. Nearest Municipal Well (ft)**
- Distance to Other Wells (feet)**
- Native Soil Type**
- Fluid Type**
- Drill Cuttings**
- Annual Precipitation (inches)**
- Affected Populations**
- Presence Nearby Utility Conduits**

**Final Score**

**Sensitivity Level**

**Characteristics / Requirements**

The reserve pit as proposed is 235ft by 70ft by 8ft deep and is to placed in a cut stable location. Kary Eldredge of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used. This appears to be adequate for this location.

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

**Other Observations / Comments**

Richard Powell  
**Evaluator**

8/15/2012  
**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
6458	43047529910000	LOCKED	OW	P	No
<b>Operator</b>	BILL BARRETT CORP		<b>Surface Owner-APD</b>	Nial Richens	
<b>Well Name</b>	FD 11-30D-2-2		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>	DRILL	
<b>Location</b>	NESW 30 2S 2E U 2345 FSL 1625 FWL GPS Coord (UTM) 600698E 4459441N				

**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 6 water wells within a 10,000 foot radius of the center of Section 25. The wells are 60-500 feet in depth with listed uses as domestic, irrigation and stock watering. The wells probably produce 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**

9/12/2012  
**Date / Time**

**Surface Statement of Basis**

This proposed location is on fee surface and will access fee minerals. Messages were left for surface owners Vernon and Nial Richens inviting them to attend the onsite inspection but he did not return the calls and did not attend. The location is placed in such a way that it does not disturb any cultivated land and does not appear to affect cattle pasturing and lays in what appears to be a good site. Vernon Richens has attended other onsites in this area and has expressed concerns about cattle guards and fencing. The well is set 1.5 miles south of Gusher, Utah. The land here is made up of broken hills and small drainages with some flat areas used for farming. The soil is generally sandy with exposed rock ledges along the hill edges. Drainage from this site is to the south and there are drainage diversions needed around both the east and west side of the location. Kary Eldredge of Bill Barrett Corporation stated that a minimum 16 mil liner and felt subliner will be used and this appears to be adequate for this location.

Richard Powell  
**Onsite Evaluator**

8/15/2012  
**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	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

API Well Number: 43047529910000

RECEIVED: November 01, 2012

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/18/2012

API NO. ASSIGNED: 43047529910000

WELL NAME: FD 11-30D-2-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: NESW 30 020S 020E

Permit Tech Review: 

SURFACE: 2345 FSL 1625 FWL

Engineering Review: 

BOTTOM: 1982 FSL 1936 FWL

Geology Review: 

COUNTY: UINTAH

LATITUDE: 40.27939

LONGITUDE: -109.81548

UTM SURF EASTINGS: 600698.00

NORTHINGS: 4459441.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - LPM4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 49-2336
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-42
- Effective Date: 4/12/1985
- Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 3 - Commingle - dducet  
5 - Statement of Basis - bhill  
12 - Cement Volume (3) - dducet  
15 - Directional - dmason



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** FD 11-30D-2-2  
**API Well Number:** 43047529910000  
**Lease Number:** Fee  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 11/1/2012

### 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 139-42. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

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

### Commingle:

In accordance with Board Cause No. 139-42, commingling of the production from the Wasatch formation and the Lower Green River formation in this well is allowed.

### General:

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

### Conditions of Approval:

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

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.

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

**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:

**Approved by:**

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

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	8. WELL NAME and NUMBER: FD 11-30D-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2345 FSL 1625 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U	9. API NUMBER: 43047529910000
5. PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/1/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

BBC is submitting this sundry to request permission to change the production hole size from 8-3/4" to 7-7/8". Surface hole and casing size, production casing size, and the TD will remain the same as original permitted. Please see the attached revised drilling plan and cement calculator. Please contact Brady Riley at 303-312-8115 with any questions in regard to the proposed change.

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

**Date:** March 05, 2013

**By:** *DeKQ*

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/27/2013	

**BILL BARRETT CORPORATION**  
**DRILLING PLAN REVISED**

***FD 11-30D-2-2***

NE SW, 2345' FSL and 1625' FWL, Section 30, T2S-R2E, USB&M (surface hole)

NE SW, 1982' FSL and 1936' FWL, Section 30, 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**

<b>Formation</b>	<b>Depth – MD</b>	<b>Depth - TVD</b>
Green River*	5,454'	5,445'
Mahogany	6,484'	6,470'
Lower Green River*	7,711'	7,690'
Douglas Creek	7,726'	7,705'
Black Shale	8,434'	8,410'
Castle Peak	8,479'	8,455'
Wasatch*	9,619'	9,595'
TD	10,269'	10,245'

\*PROSPECTIVE PAY

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

**3. BOP and Pressure Containment Data**

<b>Depth Intervals</b>	<b>BOP Equipment</b>
0 – 1,500'	No pressure control required (may pre-set 9-5/8" will smaller rig)
1,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

**4. Casing Program**

<b>Hole Size</b>	<b>SETTING DEPTH</b>		<b>Casing Size</b>	<b>Casing Weight</b>	<b>Casing Grade</b>	<b>Thread</b>	<b>Condition</b>
	<b>(FROM)</b>	<b>(TO)</b>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1,500'	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

\*The casing program is based on recent wells drilled by Axia in the immediate area.

**Note: 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:**

Bill Barrett Corporation  
 Drilling Program **REVISED**  
 FD 11-30D-2-2  
 Uintah County, Utah

- 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 a minimum of 100 feet from the well bore
- 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

#### 5. **Cementing Program**

16" Conductor Casing	Grout
9 5/8" Surface Casing (may pre-set with spudder rig)	Lead: 190 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /sx). TOC @ 1,000' Tail: 440 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 7,910'

#### 6. **Mud Program**

<b><u>Interval</u></b>	<b><u>Weight</u></b>	<b><u>Viscosity</u></b>	<b><u>Fluid Loss (API filtrate)</u></b>	<b><u>Remarks</u></b>
0' – 1,500'	Air/Mist/Mud 8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1,500' - 5,500'	9.2 – 9.4	26 – 36	NC	Freshwater Mud Fluid System
5,500' – TD	9.4 – 9.5	42-58	25 cc or less	DAP 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.

Bill Barrett Corporation  
Drilling Program **REVISED**  
FD 11-30D-2-2  
Uintah County, Utah

**8. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5061 psi\* and maximum anticipated surface pressure equals approximately 2807 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

**9. Auxiliary Equipment**

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

**10. Location and Type of Water Supply**

Water for the drilling and completion will be trucked from the Green River located in Sec. 33, T8S-R20E.

**11. Drilling Schedule**

Location Construction: March 2013  
Spud: March 2013  
Duration: 15 days drilling time  
45 days completion time



# Bill Barrett Corporation

## FORT DUCHESNE CEMENT VOLUMES

**Well Name:** FD 11-30D-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 <sup>3</sup>
Lead Fill:	1,000'	
Tail Volume:	274.0	ft <sup>3</sup>
Tail Fill:	500'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead: **190**

Tail Yield:	1.36	ft <sup>3</sup> /sk
% Excess:	75%	
Top of Tail:	1,000'	

# SK's Tail: **210**

### Production Hole Data:

Total Depth:	10,269'
Top of Cement:	1,000'
Top of Tail:	7,910'
OD of Hole:	7.875"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1795.8	ft <sup>3</sup>
Lead Fill:	6,910'	
Tail Volume:	613.1	ft <sup>3</sup>
Tail Fill:	2,359'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead: **780**

# SK's Tail: **440**

<b>FD 11-30D-2-2 Proposed Cementing Program</b>
---

<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (1000' - 0')</b>	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft <sup>3</sup> /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
	<b>Proposed Sacks: 190 sks</b>
<b>Tail Cement - (TD - 1000')</b>	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft <sup>3</sup> /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	<b>Proposed Sacks: 210 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7910' - 1000')</b>	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft <sup>3</sup> /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,000'
	Calculated Fill: 6,910'
	Volume: 319.82 bbl
	<b>Proposed Sacks: 780 sks</b>
<b>Tail Cement - (10269' - 7910')</b>	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft <sup>3</sup> /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 7,910'
	Calculated Fill: 2,359'
	Volume: 109.19 bbl
	<b>Proposed Sacks: 440 sks</b>

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43047529910000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 4/21/2013  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Drilling Contractor: Triple A Drilling LLC; Rig #: TA 4037; Rig Type: Soilmec SR/30; Spud Date: 4/21/13; Spud Time: 3:00 PM; Conductor Size: 16"; Hole Size: 26"; Commence Drilling approximate start date: 5/14/2013		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 23, 2013</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/22/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>9. API NUMBER:</b> 43047529910000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 4/30/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Well Spud in April 2013		
		<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          May 10, 2013</b>
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/3/2013	



NESW 5-30 T029 R02E

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**RUN SURFACE CSG & CEMENT**

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Capstar328 Rig <capstar328@billbarrettcorp.com>

Tue, May 14, 2013 at 8:45 PM

To: "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, Tracey Fallang <tfallang@billbarrettcorp.com>, Venessa Langmacher <vlangmacher@billbarrettcorp.com>

WITH THE CAPSTAR 328 RIG FOR BILL BARRETT CORP. WE WILL BE RUNNING SURFACE CASING AND CEMENTING

ON THE FD11-30D-2-2, API# 4304752991 WELL

ON WED. 5/15/2013 AT APPROX. 9:00PM

ANY QUESTIONS OR CONCERNS PLEASE CALL

THANK YOU,

JODY SOUTH

BILL BARRETT CORP.

CAPSTAR 328

281-846-7727

**RECEIVED**

**MAY 14 2013**

**DIV. OF OIL, GAS & MINING**



---

**B.O.P. TEST CAPSTAR 328**

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2S 2E 3D

**Capstar328 Rig** <capstar328@billbarrettcorp.com>

Thu, May 16, 2013 at 9:41 AM

To: "caroldaniels@utah.gov" &lt;caroldaniels@utah.gov&gt;, "dennisingram@utah.gov" &lt;dennisingram@utah.gov&gt;, "richardpowell@utah.gov" &lt;richardpowell@utah.gov&gt;, Tracey Fallang &lt;tfallang@billbarrettcorp.com&gt;, Venessa Langmacher &lt;vlangmacher@billbarrettcorp.com&gt;

I APPOLOGIZE FOR NOT HAVING A 24 HOUR NOTICE. WITH EMAIL AND COMPUTER PROBLEMS IN THE LAST 30 HOURS I DID NOT GET THIS NOTICE OUT IN TIME.

WITH THE CAPSTAR 328 RIG FOR BILL BARRETT CORP. WE WILL BE TESTING THE B.O.P. USING B&C QUICK TEST

ON THE FD11-30D-2-2, API# 4304752991 WELL

ON THUR. 5/16/2013 AT APPROX. 5:00PM

ANY QUESTIONS OR CONCERNS PLEASE CALL

JODY SOUTH

BILL BARRETT CORP.

CAPSTAR 328

281-846-7727

**RECEIVED**

MAY 16 2013

DIV. OF OIL, GAS &amp; MINERALS



NESW 3-30 T02S R09E

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## PRODUCTION CSG & CEMENT

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Capstar328 Rig <capstar328@billbarrettcorp.com>

Sun, May 26, 2013 at 11:58 AM

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

Cc: Tracey Fallang <tfallang@billbarrettcorp.com>, Venessa Langmacher <vlangmacher@billbarrettcorp.com>

HI I WOULD LIKE TO INFORM EVERYONE OF OUR UPCOMING 5 1/2 CSG RUN AND CEMENT JOB ON THE FD11-30D-2-2 WITH CAPSTAR 328 FOR BILL BARRETT - API # 43047529910000 MAY 27 APPROX 12

THANKS AND CALL WITH ANY QUESTIONS

**RECEIVED**

**MAY 26 2013**

**DIV. OF OIL, GAS & MINING**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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 11-30D-2-2
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047529910000
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: 2345 FSL 1625 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U	9. FIELD and POOL or WILDCAT: UNDESIGNATED
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> 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: 5/31/2013	<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 May 2013 Drilling Activity for this well.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 June 06, 2013**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/5/2013	

**11-30D-2-2 FD 5/14/2013 02:00 - 5/14/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
02:00	4.00	06:00	1	RIGUP & TEARDOWN	RIG DOWN

**11-30D-2-2 FD 5/14/2013 06:00 - 5/15/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	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, RIG UP
15:00	3.00	18:00	14	NIPPLE UP B.O.P	NIPPLE UP CONDUCTOR AND FLOW LINE
18:00	1.00	19:00	21	OPEN	SET UP RACKS AND STRAP BHA
19:00	1.00	20:00	20	DIRECTIONAL WORK	TIH/PICK UP DIR. TOOLS
20:00	10.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/80' - T/1203' - 1123' @ 112.3'/HR.

**11-30D-2-2 FD 5/15/2013 06:00 - 5/16/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	DRILL ACTUAL F/1203' - T/1560' - 357' @ 119'/HR.
09:00	1.00	10:00	5	COND MUD & CIRC	PUMP 2 HIGH VIS SWEEPS, CIRCULATE
10:00	3.50	13:30	6	TRIPS	TOOH, L/D DIR. TOOLS
13:30	8.00	21:30	12	RUN CASING & CEMENT	RUN 35 JTS. 1538' 9.625" 36# J55 ST&C SURFACE CASING W/9 CENTRALIZERS
21:30	1.50	23:00	5	COND MUD & CIRC	CIRCULATE, RIG UP HALLIBURTON
23:00	2.00	01:00	12	RUN CASING & CEMENT	PRESSURE TEST 5000PSI, PUMP 20 BBL FRESH WATER, 40 BBL SUPER FLUSH 10 PPG, 20 BBL FRESH WATER, 210 SKS LEAD @ 11.0 PPG, 3.16 Y, 19.43 W MIXED WITH RIG WATER, 250 SKS TAIL, 14.8 PPG, 1.37 Y, 6.62W MIXED WITH RIG WATER, DROP PLUG, PUMP 115 BBLs DISPLACEMENT OF FRESH WATER, CEMENT TO SURFACE, BUMP PLUG @ 1230 PSI, FLOATS HELD, 75 BBLs CEMENT RETURNS.
01:00	5.00	06:00	13	WAIT ON CEMENT	WAIT ON CEMENT

**11-30D-2-2 FD 5/16/2013 06:00 - 5/17/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	5.50	11:30	21	OPEN	CUT OFF CASING, WELD ON WELLHEAD
11:30	3.00	14:30	14	NIPPLE UP B.O.P	NIPPLE UP B.O.P.
14:30	3.50	18:00	15	TEST B.O.P	TEST PIPES, BLINDS, HCR, INNERS, OUTERS, SAFETY VALVE, FLOOR VALVE, DART VALVE, MANIFOLD UPRIGHT & INSIDES, OUTSIDES TO 5000 PSI, SUPER CHOKE TO 500 PSI, ANNULAR TO 1500 PSI
18:00	0.50	18:30	14	NIPPLE UP B.O.P	STRAP NEW BHA
18:30	1.50	20:00	20	DIRECTIONAL WORK	PICK UP DIRECTIONAL TOOLS
20:00	2.00	22:00	6	TRIPS	TIH TO TAG CEMENT @ 1485' DRILL OUT FLOAT @ 1492' & SHOE @ 1535'
22:00	0.50	22:30	15	TEST B.O.P	EMW TEST - MW = 8.5, DEPTH = 1555' TEST PRESSURE = 130 PSI FOR 5 MIN.
22:30	7.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/1555' - T/2244' - 689' @ 91.8'/HR. SLIDE 35' 5%

**11-30D-2-2 FD 5/17/2013 06:00 - 5/18/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	2	DRILL ACTUAL	DRILL ACTUAL F/2244' - T/2606' - 362' @ 80'/HR.
10:30	0.50	11:00	7	LUBRICATE RIG	RIG SERVICE
11:00	3.00	14:00	2	DRILL ACTUAL	DRILL ACTUAL F/2606' - T/2818' - 212' @ 70.6'/HR.
14:00	0.50	14:30	5	COND MUD & CIRC	PUMP SWEEP, CIRCULATE, PUMP SLUG
14:30	3.50	18:00	6	TRIPS	TOOH, L/D MM & BIT
18:00	3.00	21:00	6	TRIPS	MAKE UP NEW BIT & MM, TIH

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
21:00	9.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/2818' - T/3286' - 468' @ 52'/HR.

**11-30D-2-2 FD 5/18/2013 06:00 - 5/19/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047529910000	UT	Uintah	Fort Duchesne	COMPLETION	9,740.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	DRILL ACTUAL F/3286' - T/3829' - 543' @ 67.9'/HR.
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SERVICE
14:30	15.50	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/3829' - T/4870' - 1041' @ 67.1'/HR.

**11-30D-2-2 FD 5/19/2013 06:00 - 5/20/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047529910000	UT	Uintah	Fort Duchesne	COMPLETION	9,740.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	2	DRILL ACTUAL	DRILL ACTUAL F/4870' - T/4961' - 91' @ 91'/HR.
07:00	0.50	07:30	8	REPAIR RIG	WORK ON SWIVEL PUMP
07:30	3.00	10:30	2	DRILL ACTUAL	DRILL ACTUAL F/4961' - T/5142' - 181' @ 60.3'/HR.
10:30	0.50	11:00	7	LUBRICATE RIG	RIG SERVICE
11:00	19.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/5142' - T/5850' - 708' @ 37.3'/HR.

**11-30D-2-2 FD 5/20/2013 06:00 - 5/21/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047529910000	UT	Uintah	Fort Duchesne	COMPLETION	9,740.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2	DRILL ACTUAL	DRILL ACTUAL F/5850' - T/6183' - 333' @ 35'/HR.
15:30	1.50	17:00	5	COND MUD & CIRC	PUMP SWEEP, CIRCULATE, PUMP SLUG
17:00	5.00	22:00	6	TRIPS	TOOH FOR BIT CHANGE
22:00	1.00	23:00	20	DIRECTIONAL WORK	MAKE UP NEW BIT & MM
23:00	5.00	04:00	6	TRIPS	TIH
04:00	2.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/6183' - T/6259' - 76' @ 38'/HR.

**11-30D-2-2 FD 5/21/2013 06:00 - 5/22/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047529910000	UT	Uintah	Fort Duchesne	COMPLETION	9,740.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	DRILL ACTUAL F/6259' - T/6531' - 272' @ 45.3'/HR.
12:00	0.50	12:30	7	LUBRICATE RIG	RIG SERVICE
12:30	10.00	22:30	2	DRILL ACTUAL	DRILL ACTUAL F/6531' - T/7165' - 634' @ 63.4'/HR.
22:30	5.50	04:00	8	REPAIR RIG	CHANGE HYDRAULIC MOTORS, AND HYDRAULIC PUMP
04:00	2.00	06:00	2	DRILL ACTUAL	DRILL ACTUAL F/7165' - T/7256' - 91' @ 45.5'/HR.

**11-30D-2-2 FD 5/22/2013 06:00 - 5/23/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047529910000	UT	Uintah	Fort Duchesne	COMPLETION	9,740.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	11.50	17:30	2	DRILL ACTUAL	DRILL F/ 7256 T/ 7889 - 632' @ 55' HR - 20-22K WT ON BIT - 50-55 RPM - 580 GPM - 150-275 DIFF PSI - 8-10K TORQUE - 2900PSI SPP
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL F/ 7889 T/ 8650' - 761' @ 64' HR - 20-22K WT ON BIT - 50-55 RPM - 580 GPM - 150-275 DIFF PSI - 8-10K TORQUE - 2900PSI SPP

**11-30D-2-2 FD 5/23/2013 06:00 - 5/24/2013 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047529910000	UT	Uintah	Fort Duchesne	COMPLETION	9,740.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	2	DRILL ACTUAL	DRILL F/ 8650 T/ 9021' - 642' @ 29' HR - 22-24K WT ON BIT - 50-55 RPM - 540 GPM - 150-275 DIFF PSI - 8-12K TORQUE - 2650PSI SPP

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:30	1.00	17:30	21	OPEN	WORK ON #2 MP
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	2	DRILL ACTUAL	DRILL F/ 9021 T/ 9292' - 271' @ 23' HR - 22-24K WT ON BIT - 50-55 RPM - 540 GPM - 150-275 DIFF PSI - 8-12K TORQUE - 2650PSI SPP

**11-30D-2-2 FD 5/24/2013 06:00 - 5/25/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	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	DRILL F/ 9292 T/ 9564' - 272' @ 24' HR - 22-24K WT ON BIT - 50-55 RPM - 540 GPM - 150-275 DIFF PSI - 8-12K TORQUE - 2650PSI SPP
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	2.50	20:30	2	DRILL ACTUAL	DRILL F/ 9564 T/ 9616' - 52' @ 20' HR - 22-24K WT ON BIT - 50-55 RPM - 540 GPM - 150-275 DIFF PSI - 8-12K TORQUE - 2850PSI SPP
20:30	1.00	21:30	21	OPEN	CHANGE OUT TOP DRIVE MOTORS TO LOW SPEED HIGH TORQUE ( HAVING SOME TOPDRIVE STALLING ISSUES)
21:30	8.50	06:00	2	DRILL ACTUAL	DRILL F/ 9616 T/ 9730' - 114' @ 13' HR - 22-24K WT ON BIT - 50-55 RPM - 540 GPM - 150-275 DIFF PSI - 8-12K TORQUE - 2850PSI SPP

**11-30D-2-2 FD 5/25/2013 06:00 - 5/26/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	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	2	DRILL ACTUAL	DRILL F/ 9730 T/ 9740
07:00	3.00	10:00	5	COND MUD & CIRC	PUMP HIGH VIS SWEEP - CIRCULATE & BRING MUD WT TO 9.9 TO GET BACKGROUND GAS UNDER 600 UNITS
10:00	4.00	14:00	6	TRIPS	WIPER TRIP F/ 9740 T/ 6100 - FILL HOLE CONTINUOUSLY WITH TRIP TANK 24BBLS
14:00	3.00	17:00	6	TRIPS	T.I.H.
17:00	0.50	17:30	3	REAMING	WASH & REAM LAST 100' TO BOTTOM
17:30	6.50	00:00	5	COND MUD & CIRC	CIRCULATE SWEEP AND BOTTOMS UP GAS - BEGIN LOSSING MUD - BRING LCM IN ACTIVE TO 5% AND LOWER M.W. TO 9.8PPG - BUILD 250BBLS MUD IN PREMIX TANK
00:00	6.00	06:00	6	TRIPS	FLOW CHECK - NO FLOW - PUMP SLUG - T.O.O.H. F/ 9740 T/ 3500' FILLING HOLE CONTINUOUSLY WITH TRIP TANK 45BBLS

**11-30D-2-2 FD 5/26/2013 06:00 - 5/27/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	6	TRIPS	CONTINUE T.O.O.H. F/ 3500' T/ DIRECTIONAL TOOLS
08:30	1.00	09:30	20	DIRECTIONAL WORK	L/D DIRECTIONAL TOOLS - L/D MWD TOOL - DRAIN M/M - BREAK BIT - L/D M/M
09:30	7.50	17:00	11	WIRELINE LOGS	R/U LOGGING EQUIPMENT - LOGS BRIDGED OUT @ 6086 - PULL DUAL LAT LOG 78' & ATTEMPT ACRT LOG 20' TO TRY TO GET TO BOTTOM BRIDGED OUT 6086 - L/D LOGGING EQUIPMENT
17:00	1.00	18:00	7	LUBRICATE RIG	R/U TOPDRIVE TO MAKE WIPER TRIP
18:00	1.00	19:00	21	OPEN	SET PIPE RACKS & STRAP BHA
19:00	1.50	20:30	6	TRIPS	M/U BIT & BIT SUB - T.I.H. T/ 1530
20:30	1.00	21:30	9	CUT OFF DRILL LINE	SLIP & CUT 85' DRILL LINE
21:30	8.50	06:00	6	TRIPS	T.I.H. F/ 1530 T/ 9740 - FILLING PIPE & CIRCULATING 15MIN @ 4500' 6000' & 7500' - WASH & REAM @ 6000-6100 & 7620-7770

**11-30D-2-2 FD 5/27/2013 06:00 - 5/28/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	5	COND MUD & CIRC	FILL PIPE CIRCULATE OUT GAS
07:30	0.50	08:00	3	REAMING	WASH & REAM F/ 9625 T/ 9740
08:00	1.50	09:30	5	COND MUD & CIRC	PUMP HIGH VIS SWEEP & CIRCULATE B/U

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
09:30	7.50	17:00	6	TRIPS	L/D DRILL PIPE - FILL HOLE CONTINUOUSLY WITH TRIP TANK 67BBLS
17:00	0.50	17:30	21	OPEN	PULL WEAR BUSHING
17:30	0.50	18:00	7	LUBRICATE RIG	RIG SERVICE
18:00	12.00	06:00	12	RUN CASING & CEMENT	RUN 209 OF 226 JTS 5 1/2 17# P-110 LTC CSG - CIRCULATING B/U @ 4300' & 8100 TO CONDITION MUD

**11-30D-2-2 FD 5/28/2013 06:00 - 5/29/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	12	RUN CASING & CEMENT	FINISH RUNNING 5 1/2 CSG
07:00	2.50	09:30	5	COND MUD & CIRC	CIRCULATE BRING MUD WT. TO 10.2 TO BRING BACKGROUND GAS TO 600 UNITS
09:30	5.00	14:30	12	RUN CASING & CEMENT	TEST LINES TO 5000PSI - RESET KICKOUTS TO 3000PSI - PUMP 7BBLS WATER SPACER - 40BBLS SUPERFLUSH - 10BBLS WATER SPACER - PUMP 273BBLS (660SKS) 11PPG LEAD CEMENT W/ 2.32 YIELD W/ 10.61GAL SK MIX WATER - PUMP 183BBLS (720SKS) 13.5PPG TAIL CEMENT W/ 1.43 YIELD W/ 6.65 GAL SK MIX WATER - DROP PLUG & PUMP 224 BBLS FRESH WATER DISPLACEMENT - LAND PLUG 2312PSI HOLD 500 OVER 2876 FOR 2 MIN. FLOATS HELD - CIRCULATION THROUOUT JOB - 44BBLS CEMENT TO SURFACE
14:30	5.50	20:00	12	RUN CASING & CEMENT	NIPPLE DOWN B.O.P. - SET SLIPS - CUT CSG - CLEAN TANKS - RIG RELEASED 5/28/13 @ 20:00HRS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047529910000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/21/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<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 type="text"/>

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

This well had first production on 6/21/13 and first oil sales on 6/23/13.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
June 25, 2013**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/25/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43047529910000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8134 Ext	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/30/2013	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
Attached is the June 2013 Drilling Activity for this well.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 11, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 7/9/2013	

**11-30D-2-2 FD 6/5/2013 06:00 - 6/6/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	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	HSM. CHECK PRESSURE. RU HES FOR LOGS. RIH W/ GR/JB. TAG AT 9600'. (FC AT 9642') HAVE 42' FILL. RIH AND RUN RBT/RMT. LOG SHOWS GOOD CMT 9600' TO 7600'. SHOW FAIR CMT WITH SEVERAL RATTY SECTIONS 7600' TO 848'. TOC AT 848'. SHORT JTS LOCATED 8535'-8555', 7944'-7966', AND 6524'-6546'. RD EQUIP. NU NIGHT CAP.

**11-30D-2-2 FD 6/13/2013 06:00 - 6/14/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	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	Set Frac Mandrel, Test. Set Frac Tree, Test Casing. Plumb In FlowBack And SandTrap, Test. Filling Frac Line.

**11-30D-2-2 FD 6/16/2013 06:00 - 6/17/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	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	Heat Frac Line. HES Set Manifold And Mover. Prep For Frac.

**11-30D-2-2 FD 6/17/2013 06:00 - 6/18/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	LOCL	Lock Wellhead & Secure	WSI And Secured. Wireline Crew Arrive On Location. Hold Safety Meeting. Rig Up Lubricator, Arm Gun.
08:30	3.50	12:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 06-05-2013. Found And Correlated To Short Joint At 8,525 - 8,555'. Drop Down To Depth, Perforate Stage 1 UteLand Butte Zone, 9,039 - 9,349'. 57 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
12:00	3.00	15:00	SRIG	Rig Up/Down	HES Rigging Up
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**11-30D-2-2 FD 6/18/2013 06:00 - 6/19/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. HES Arrive On Location. Prime Up Chemicals And HP. Run QA On Fluids. Pressure Test Iron To 9500#.
06:00	0.00	06:00	SMTG	Safety Meeting	Hold Safety Meeting. Talked About Smoking Area, Mustering Area, Red Zones, Escapes Routes, Etc.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.34	06:20	FRAC	Frac. Job	<p>Frac Stage 1. Fluid System: Hybor G 16            Open Well, 0 Psi. ICP. BrokeDown At 9.6 Bpm And 3,456 Psi..            Pump 3900 Gals. 15% HCL And 114 Bio Balls, Attempt BallOut. Let Balls Fall.            Get Stabilized Injection Of 74.1 Bpm And 4,515 Psi., Get ISIP, 2,697 Psi.. 0.73 Psi./Ft.            F.G.. 38/57 Holes.            Con't With SlickWater Pad, 34,826 Gals..            Stage Into Pad, 73.2 Bpm At 4,472 Psi..            On Perfs, 73.8 Bpm At 4,905 Psi., 11,736 Gals.            Stage Into 2.0# 20/40 White Prop, 65.0 Bpm At 4,590 Psi..            On Perfs, 71.5 Bpm At 4,449 Psi., 9,776 Gals.            Stage Into 3.0# 20/40 White Prop, 72.0 Bpm At 4,457 Psi..            On Perfs, 74.6 Bpm At 4,004 Psi., 8,803 Gals.            Stage Into 4.0# 20/40 White Prop, 74.6 Bpm At 4,006 Psi..            On Perfs, 74.3 Bpm At 4,000 Psi., 12,736 Gals.            Stage Into 5.0# 20/40 White Prop, 74.3 Bpm At 4,000 Psi..            On Perfs, 73.8 Bpm At 3,980 Psi., 13,334 Gals.            Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..            Get ISDP, 2,905 Psi.. 0.75 Psi./Ft. F.G.. WSI And Secured.            Total 20/40 White Prop - 150,000#            Total Clean - 115,031 Gals.. 2,739 Bbls..            BWTR - 2,888 Bbls.            Max. Rate - 75.3 Bpm            Avg. Rate - 70.6 Bpm            Max. Psi. - 4,930 Psi.            Avg. Psi. - 4,262 Psi.</p>
06:20	0.17	06:30	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
06:30	1.25	07:45	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf,            .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE            Dated 06-05-2013.            Found And Correlated To Short Joint At 8,525 - 8,555'.            Drop Down To Depth, Set CBP At 9,034'. 2,600 Psi..            Perforate Stage 2 UteLand Butte/Castle Peak Zone, 8,789 - 9,018'. 45 Holes. 2,500            Psi..            POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
07:45	0.33	08:05	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
08:05	1.00	09:05	FRAC	Frac. Job	<p>Frac Stage 2. Fluid System: Hybor G 16            Open Well, 2,369 Psi. ICP. BrokeDown At 9.9 Bpm And 2,809 Psi..            Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall.            Get Stabilized Injection Of 73.5 Bpm And 4,680 Psi., Get ISIP, 2,833 Psi.. 0.76 Psi./Ft.            F.G.. 38/45 Holes.            Con't With SlickWater Pad, 34,900 Gals..            Stage Into Pad, 74.6 Bpm At 4,825 Psi..            On Perfs, 74.7 Bpm At 5,124 Psi., 10,911 Gals.            Stage Into 2.0# 20/40 White Prop, 74.7 Bpm At 5,087 Psi..            On Perfs, 74.6 Bpm At 4,622 Psi., 9,533 Gals.            Stage Into 3.0# 20/40 White Prop, 74.6 Bpm At 4,595 Psi..            On Perfs, 74.3 Bpm At 4,214 Psi., 9,594 Gals.            Stage Into 4.0# 20/40 White Prop, 74.2 Bpm At 4,206 Psi..            On Perfs, 73.8 Bpm At 4,045 Psi., 12,571 Gals.            Stage Into 5.0# 20/40 White Prop, 73.9 Bpm At 4,000 Psi..            On Perfs, 73.9 Bpm At 4,132 Psi., 11,990 Gals.            Stage Into Flush, Flush 15 Bbls. Over Bottom Perf..            Get ISDP, 3,112 Psi.. 0.79 Psi./Ft. F.G.. WSI And Secured.            Total 20/40 White Prop - 150,500#            Total Clean - 113,640 Gals.. 2,706 Bbls..            BWTR - 2,859 Bbls.            Max. Rate - 75.4 Bpm            Avg. Rate - 74.2 Bpm            Max. Psi. - 5,136 Psi.            Avg. Psi. - 4,528 Psi.</p>
09:05	0.17	09:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.



## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
09:15	1.08	10:20	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 06-05-2013. Found And Correlated To Short Joint At 8,525 - 8,555'. Drop Down To Depth, Set CBP At 8,770'. 2,900 Psi.. Perforate Stage 3 Castle Peak/Black Shale/Douglas Creek Zone, 8,503 - 8,750'. 45 Holes. 2,600 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
10:20	0.33	10:40	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
10:40	1.00	11:40	FRAC	Frac. Job	Frac Stage 3. Fluid System: Hybor G 16 Open Well, 2,342 Psi. ICP. BrokeDown At 10.1 Bpm And 6,095 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 62.4 Bpm And 5,451 Psi., Get ISIP, 2,900 Psi.. 0.77 Psi./Ft. F.G.. 29/45 Holes. Con't With SlickWater Pad, 34,959 Gals.. Stage Into Pad, 72.9 Bpm At 5,179 Psi.. On Perfs, 72.8 Bpm At 5,435 Psi., 10,957 Gals. Stage Into 2.0# 20/40 White Prop, 73.1 Bpm At 5,456 Psi.. On Perfs, 72.8 Bpm At 4,914 Psi., 9,231 Gals. Stage Into 3.0# 20/40 White Prop, 72.9 Bpm At 4,841 Psi.. On Perfs, 73.1 Bpm At 4,635 Psi., 10,635 Gals. Stage Into 4.0# 20/40 White Prop, 72.5 Bpm At 4,737 Psi.. On Perfs, 72.1 Bpm At 4,415 Psi., 12,226 Gals. Stage Into 5.0# 20/40 White Prop, 72.1 Bpm At 4,553 Psi.. On Perfs, 71.6 Bpm At 4,712 Psi., 12,863 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,278 Psi.. 0.82 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 150,000# Total Clean - 113,017 Gals.. 2,691 Bbls.. BWTR - 2,847 Bbls. Max. Rate - 73.5 Bpm Avg. Rate - 72.4 Bpm Max. Psi. - 5,638 Psi. Avg. Psi. - 4,910 Psi.
11:40	0.17	11:50	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
11:50	1.08	12:55	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 06-05-2013. Found And Correlated To Short Joint At 7,944 - 7,966'. Drop Down To Depth, Set CBP At 8,479'. 2,900 Psi.. Perforate Stage 4 Douglas Creek Zone, 8,249 - 8,459'. 45 Holes. 2,700 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
12:55	0.17	13:05	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
13:05	1.00	14:05	FRAC	Frac. Job	Frac Stage 4. Fluid System: Hybor G 16 Open Well, 2,675 Psi. ICP. BrokeDown At 9.4 Bpm And 4,316 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 73.7 Bpm And 4,418 Psi., Get ISIP, 2,900 Psi.. 0.79 Psi./Ft. F.G.. 39/45 Holes. Con't With SlickWater Pad, 35,006 Gals.. Stage Into Pad, 74.2 Bpm At 4,500 Psi.. On Perfs, 74.1 Bpm At 4,840 Psi., 11,107 Gals. Stage Into 2.0# 20/40 White Prop, 74.2 Bpm At 4,883 Psi.. On Perfs, 74.4 Bpm At 4,467 Psi., 8,988 Gals. Stage Into 3.0# 20/40 White Prop, 74.4 Bpm At 4,429 Psi.. On Perfs, 74.3 Bpm At 4,209 Psi., 11,535 Gals. Stage Into 4.0# 20/40 White Prop, 74.3 Bpm At 4,183 Psi.. On Perfs, 74.4 Bpm At 4,087 Psi., 11,971 Gals. Stage Into 5.0# 20/40 White Prop, 74.5 Bpm At 4,115 Psi.. On Perfs, 74.0 Bpm At 4,125 Psi., 11,748 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,292 Psi.. 0.83 Psi./Ft. F.G.. WSI And Secured. Total 20/40 White Prop - 150,900# Total Clean - 112,371 Gals.. 2,676 Bbls.. BWTR - 2,831 Bbls. Max. Rate - 74.5 Bpm Avg. Rate - 74.2 Bpm Max. Psi. - 4,900 Psi. Avg. Psi. - 4,381 Psi.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
14:05	0.17	14:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.	
14:15	1.17	15:25	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES RBT/RMTE Dated 06-05-2013. Found And Correlated To Short Joint At 7,944 - 7,966'. Drop Down To Depth, Set CBP At 8,240'. 3,000 Psi.. Perforate Stage 5 Douglas Creek/TGR3 Zone, 7,931 - 8,218'. 45 Holes. 1,300 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.	
15:25	0.16	15:35	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.	
15:35	1.00	16:35	FRAC	Frac. Job	Frac Stage 5. Fluid System: Hybor G 16 Open Well, 1,022 Psi. ICP. BrokeDown At 10.0 Bpm And 2,172 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls. Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 72.3 Bpm And 4,585 Psi., Get ISIP, 2,235 Psi.. 0.71 Psi./Ft. F.G.. 39/45 Holes. Con't With SlickWater Pad, 34,938 Gals.. Stage Into .75# 100 Mesh Pad, 73.2 Bpm At 4,046 Psi.. On Perfs, 73.1 Bpm At 4,178 Psi., 11,305 Gals. Stage Into 2.0# 20/40 White Prop, 73.2 Bpm At 3,975 Psi.. On Perfs, 73.4 Bpm At 3,809 Psi., 8,695 Gals. Stage Into 3.0# 20/40 White Prop, 73.4 Bpm At 3,817 Psi.. On Perfs, 73.9 Bpm At 3,610 Psi., 12,770 Gals. Stage Into 4.0# 20/40 White Prop, 73.9 Bpm At 3,580 Psi.. On Perfs, 74.1 Bpm At 3,421 Psi., 11,954 Gals. Stage Into 5.0# 20/40 White Prop, 74.0 Bpm At 3,451 Psi.. On Perfs, 74.0 Bpm At 3,530 Psi., 13,374 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 1,930 Psi.. 0.68 Psi./Ft. F.G.. WSI And Secured. 100 Mesh - 8,740# Total 20/40 White Prop - 149,260# Total Clean - 114,570 Gals.. 2,728 Bbls.. BWTR - 2,907 Bbls. Max. Rate - 74.2 Bpm Avg. Rate - 73.4 Bpm Max. Psi. - 4,315 Psi. Avg. Psi. - 3,782 Psi.	
16:35	0.42	17:00	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up CBP Plug Assembly. Equalize To Well Pressure.	
17:00	1.00	18:00	PFRT	Perforating	RIH With 3 1/8" Sinker Bar/CCL And CBP Plug Assembly. Correlating To HES RBT/RMTE Dated 06-05-2013. Found And Correlated To Short Joint At 7,944 - 7,966'. Drop Down To Depth, Set CBP At 7,880'. 3,000 Psi.. Bleed Pressure Off Well. POOH. LayDown Tools, WSI And Secured.	
18:00	2.50	20:30	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL	
20:30	9.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.	

**11-30D-2-2 FD 6/20/2013 06:00 - 6/21/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	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.	
07:00	3.00	10:00	SRIG	Rig Up/Down	ROAD RIG TO LOCATION. SPOT AND RUSU. CHECK PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR.	
10:00	3.00	13:00	GOP	General Operations	SPOT HYDRAULIC WALK AND PIPE RACKS. UNLOAD 317-JTS 2-7/8" L-80 TBG. TALLY TBG.	
13:00	0.50	13:30	DTIM	Downtime	HAD WRONG BIT SUB DELIVERED. WAIT ON POBS.	
13:30	3.50	17:00	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT TBG, AND 2.31 XN. RIH AS PU TBG. TAG KILL PLUG.	
17:00	1.00	18:00	GOP	General Operations	RU PWR SWIVEL. FILL TBG. PRES TEST TO 2500 PSI. GOOD. SDFN.	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE.	

**11-30D-2-2 FD 6/21/2013 06:00 - 6/22/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	Primary Job Type Drilling & Completion
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## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00		06:00	CTRL	Crew Travel	CREW TRAVEL
06:00	6.50	12:30	DOPG	Drill Out Plugs	EST CIRC. D/O PLUGS CBP #1 AT 7880'. C/O 0' SAND. D/O PLUG. FCP 500 PSI ON 38/64". RIH CBP #2 AT 8240'. C/O 22' SAND. D/O CBP. FCP 750 PSI ON 32/64". RIH CBP #3 AT 8479'. C/O 20' SAND. D/O CBP. FCP 850 PSI ON 32/64". RIH. CBP #4 AT 8770'. C/O 18' SAND. D/O CBP. FCP 900 PSI ON 32/64". RIH CBP #5 AT 9034'. C/O 12' SAND. D/O CBP. FCP 1300 PSI ON 32/64". RIH PBTD AT 9642'. C/O 201' SAND TO FC AT 9642' (293' RATHOLE) W/ 300-JTS IN. CIRC CLEAN.
12:30	1.00	13:30	PULT	Pull Tubing	RD PWR SWIVEL. POOH AS LD 51-JTS TBG. PU 7" 5K HANGER. LUBE IN AND LAND HANGER.  TBG DETAIL KB 13.00 7" 5K HANGER .80 248-JTS 2-7/8 7809.76 2.31 XN 1.15 1-JT 2-7/8" 31.42 POBS .81 EOT 7856.94
13:30	1.00	14:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. PLUMB IN FLOW LINES. POBS AT PSI. TURN OVER TO FBC AND SALES.
14:30	1.50	16:00	SRIG	Rig Up/Down	RDSU. RACK OUT EQUIP. MOVE OFF.
16:00	14.00	06:00	FBCK	Flowback Well	WELL TURNED OVER TO PRODUCTION.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>																														
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2																														
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047529910000																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED																														
<b>5. COUNTY:</b> UINTAH		<b>STATE:</b> UTAH																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>																															
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/31/2013	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; vertical-align: top; padding: 2px;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE TUBING</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> DEEPEN</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> TUBING REPAIR</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> VENT OR FLARE</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="vertical-align: top; padding: 2px;"><input type="checkbox"/> OTHER</td> <td style="vertical-align: top; padding: 2px;">OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Attached is the July 2013 Drilling Activity for this well																																
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          August 06, 2013</b>																																
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst																														
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/5/2013																															

**11-30D-2-2 FD 7/25/2013 06:00 - 7/26/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	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	SMTG	Safety Meeting	HOLD SAFETY MEETING.
07:00	1.00	08:00	RMOV	Rig Move	ROAD RIG F/ VERNAL TO LOCATION.
08:00	1.00	09:00	SRIG	Rig Up/Down	R/U RIG & EQUIPMENT.
09:00	3.00	12:00	WKLL	Kill Well	KILL WELL W/ 180 BBLS MIX W/ CHEM.
12:00	1.50	13:30	BOPI	Install BOP's	N/D WELLHEAD. N/U BOP. R/U FLOOR & EQUIPMENT.
13:30	1.50	15:00	PULT	Pull Tubing	POOH W/ 249 JTS 2-7/8 TBG & BOTTOM HALF POBS.
15:00	3.00	18:00	RUTB	Run Tubing	P/U 8RD TAC & BHA. RIH W/ 248 JTS. EOT @ 7981'. TBG .ABOVE PERFS. SDFN.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

**11-30D-2-2 FD 7/26/2013 06:00 - 7/27/2013 06:00**

API/UWI 43047529910000	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,740.0	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	RUTB	Run Tubing	FINISH RIH F/ TOP OF PERFS W/ CENTRAL 8RD TAC & BHA. N/D BOP. SET TAC @ 7828'. S/N @ 7892'. EOT @ 8071'. R/U WELLHEAD & ROD EQUIPMENT. FLUSH TBG MIX W/ CHEM. PREP RODS.  248 JTS 2-7/8 TBG. TAC 8RD. 20K TENSION 2 JT 2-7/8 TBG. S/N. 4' PUP. DESANDER. 5 JTS 2-7/8 TBG. BULL PLUG.
11:00	5.00	16:00	RURP	Run Rods & Pump	P/U ROD PUMP & PRIME. RIH W/ PUMP P/U RODS. SPACE OUT & SEAT PUMP. FILL TBG & STROKE TEST PUMP TO 800 PSI, HELD. HANG OFF RODS.  1-1/2 x 40' POLISH ROD. PONY. 6'. 37- 1" RODS. 4 PER MMS 56- 1" RODS. 6 PER MMS 108- 7/8" RODS. 4 PER MMS 74- 3/4" RODS. 4 PER MMS 38- 1" RODS. 4 PER MMS SHEAR SUB. PUMP 25-175-RHBC-30-5-33-36'.
16:00	1.00	17:00	SRIG	Rig Up/Down	R/D RIG. SLIDE IN UNIT. PWOP. SDFN.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>9. API NUMBER:</b> 43047529910000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/19/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
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	<input type="checkbox"/> FRACTURE TREAT	
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	<input type="checkbox"/> OPERATOR CHANGE	
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	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
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	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="first gas sales"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This well had first gas sales on 7/19/13.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          August 21, 2013</b>		
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/23/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
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		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047529910000	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED	
		<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> 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: 8/31/2013	<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.			
No August 2013 Drilling Activity to report.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 02, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/4/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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		<b>7. UNIT or CA AGREEMENT NAME:</b>																														
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2																															
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43047529910000																															
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8134 Ext	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>COUNTY:</b> UINTAH																														
		<b>STATE:</b> UTAH																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>																															
<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: 9/30/2013	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; border: none;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; border: none;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="border: none;"><input type="checkbox"/> CHANGE TUBING</td> <td style="border: none;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="border: none;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="border: none;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> DEEPEN</td> <td style="border: none;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="border: none;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="border: none;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="border: none;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="border: none;"><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="border: none;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="border: none;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="border: none;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> TUBING REPAIR</td> <td style="border: none;"><input type="checkbox"/> VENT OR FLARE</td> <td style="border: none;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="border: none;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="border: none;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="border: none;"><input type="checkbox"/> OTHER</td> <td style="border: none;">OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR																														
<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME																														
<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE																														
<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION																														
<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK																														
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<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. <div style="text-align: center; padding: 20px;"> <p>No September 2013 Drilling Activity to report.</p> <div style="text-align: right; margin-top: 20px;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>FOR RECORD ONLY</b></p> <p>October 08, 2013</p> </div> </div>																																
<b>NAME (PLEASE PRINT)</b> Christina Hirtler	<b>PHONE NUMBER</b> 303 312-8597	<b>TITLE</b> Administrative Assistant																														
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/4/2013																															

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>9. API NUMBER:</b> 43047529910000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/31/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p style="text-align: center;">No September 2013 Drilling Activity to report.</p> <div style="text-align: right; margin-top: 20px;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>FOR RECORD ONLY</b></p> <p>November 05, 2013</p> </div>		
<b>NAME (PLEASE PRINT)</b> Christina Hirtler	<b>PHONE NUMBER</b> 303 312-8597	<b>TITLE</b> Administrative Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047529910000	
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/30/2013	<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.  No NOvember 2013 Drilling Activity to report.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 03, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Christina Hirtler	<b>PHONE NUMBER</b> 303 312-8597	<b>TITLE</b> Administrative Assistant	
<b>SIGNATURE</b> N/A		<b>DATE</b> 12/3/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>9. API NUMBER:</b> 43047529910000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/31/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<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"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> RECOMPLETE DIFFERENT 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 SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  <b>NO Monthly drilling activity to report</b>		
		<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          January 07, 2014</b>
<b>NAME (PLEASE PRINT)</b> Christina Hirtler	<b>PHONE NUMBER</b> 303 312-8597	<b>TITLE</b> Administrative Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/6/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>9. API NUMBER:</b> 43047529910000
<b>PHONE NUMBER:</b> 303 312-8134 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/31/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  No Monthly drilling activity to report		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          February 11, 2014</b>		
<b>NAME (PLEASE PRINT)</b> Christina Hirtler	<b>PHONE NUMBER</b> 303 312-8597	<b>TITLE</b> Administrative Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/11/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43047529910000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8134 Ext	<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> 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: 2/28/2014	<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.			
No monthly drilling to report			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 03, 2014</b>			
<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/3/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> FD 11-30D-2-2	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43047529910000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8134 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MOFFAT CANAL	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2345 FSL 1625 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 30 Township: 02.0S Range: 02.0E Meridian: U		<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> 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: 6/21/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>BBC IS SUBMITTING THIS SUNDRY TO REPORT A CHANGE TO BHL FROM WHAT WAS PERMITTED TO WHAT WAS DRILLED. BBC DID NOT PLAN TO DRILL THIS WELL INTO A DIFFERENT QTR/QTR BUT WAS AN ERROR WHILE DRILLING DUE TO INCORRECT DIRECTIONAL DATA. BBC HAS ATTACHED THE SIGNED EXCEPTION LOCATION LETTER FOR THE NEW BHL OF 2569 FNL &amp; 1943 FWL IN THE SENW OF SECTION 30 INSTEAD OF THE PERMITTED 1982 FSL &amp; 1936 FWL IN THE NESW OF SECTION 30.</p>			
<b>NAME (PLEASE PRINT)</b> Brady Riley		<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/24/2014	



September 24, 2014

Ms. Diana Mason – Petroleum Technician  
STATE OF UTAH DIVISION OF OIL, GAS AND MINING  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: **Exception Location – FD 11-30D-2-2 – East Bluebell Area**  
SHL: 2345' FSL, 1625' FWL, NESW, Section 30-T2S-R2E  
Proposed BHL: 1982' FSL, 1936' FWL NESW, Section 30-T2S-R2E  
Actual BHL: 2569' FNL, 1943' FWL, SENW, Section 30-T2S-R2E  
Uintah County, Utah

Dear Ms. Mason,

Bill Barrett Corporation ("BBC") hereby submits an exception location letter in accordance with Oil & Gas Conservation Rules R649-3-3, requesting an exception well location, supported by the following information:

- The location is within our East Bluebell Area.
- The exception location is due to wellbore drifting outside of targeted BHL.
- BBC certifies that it is the working interest owner along with Antelope ORRI LLC, TC Craighead & Company and Robert L. Bayless Producer LLC, together we own 100% of the working interest within 460 feet of the proposed well location.
- Our rights are owned under Vernon Richens.

Based on the information provided, BBC requests the Division grant this exception to the locating and siting requirements of R649-3-2. Should you have any questions or need further information, please contact me at 303-312-8702

Sincerely,

**BILL BARRETT CORPORATION**



Lee Vaskey  
Landman II  
LVaskey@billbarrettcorp.com

**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 11-30D-2-2**

9. API NUMBER:  
**4304752991**

10 FIELD AND POOL, OR WILDCAT  
**Undesignated**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**NESW 30 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: **2345 FSL 1625 FWL**  
AT TOP PRODUCING INTERVAL REPORTED BELOW: **2544 FNL 1923 FWL**  
AT TOTAL DEPTH: **2569 FNL 1943 FWL**

14. DATE SPUDDED: **4/21/2013** 15. DATE T.D. REACHED: **5/25/2013** 16. DATE COMPLETED: **6/21/2013** ABANDONED  READY TO PRODUCE  17. ELEVATIONS (DF, RKB, RT, GL): **5016 GL**

18. TOTAL DEPTH: MD **9,753** 19. PLUG BACK T.D.: MD **9,643** 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD \_\_\_\_\_ PLUG SET: TVD **9,730** TVD **9,620** TVD \_\_\_\_\_

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

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 Conq	65#	0	80	80			0	
12 1/4	9 5/8 J-55	36#	0	1,560	1,539	Lead 210	118	0	
						Tail 250	61		
7 7/8	5 1/2 P110	17#	0	9,753	9,730	Tuned 660	273	6164	
						ECON 720	183		

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7,857							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	7,931	9,349		
(B)				
(C)				
(D)				

**27. PERFORATION RECORD**

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
7,931 9,349	.38	237	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
7931 - 9349	Green River: See attached Stage 1-5

**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: 6/21/2013		TEST DATE: 6/24/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 697	GAS - MCF: 199	WATER - BBL: 198	PROD. METHOD: Flowing
CHOKE SIZE: 18/64	TBG. PRESS. 325	CSG. PRESS. 600	API GRAVITY 52.00	BTU - GAS 1	GAS/OIL RATIO 286	24 HR PRODUCTION RATES: →		OIL - BBL: 697	GAS - MCF: 199	WATER - BBL: 198	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	5,688
				Mahogany	6,781
				TGR3	7,939
				Douglas Creek	8,116
				Black Shale Facies	8,597
				Castle Peak	8,685
				Uteland Butte	8,894
				Wasatch	9,374
				TD	9,753

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First oil sales 6/23/13, first gas sales 7/19/2013

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 3/10/2014

This report must be submitted within 30 days of

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

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

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

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

**11-30D-2-2 FD Completion Report Continued\***

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<i>Stage</i>	<i>BBS Slurry</i>	<i>lbs 100 Common Mesh</i>	<i>lbs 20/40 White Sand</i>	<i>gal 15% HCl Acid</i>
1	2730		150000	4015
2	2710		150500	3920
3	2685		150000	4083
4	2670		150900	4152
5	2719	8740	149260	4172

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

Job Number: UT13207

State/Country: UT/USA

Company: Bill Barrett Corp.

Declination: 11.0

Lease/Well: FD 11-30D-2-2

Grid: True

Location: Section 30, T2S, R2E

File name: C:\WINSERVE\UT13207.SVY

Rig Name: Capstar 328

Date/Time: 25-May-13 / 19:14

RKB: 13'

Curve Name: As Drilled

G.L. or M.S.L.: GL 5016'



## Payzone Directional "

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane .00  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
111.00	.31	179.05	111.00	-.30	.00	-.30	.30	179.05	.28
205.00	.26	176.23	205.00	-.77	.02	-.77	.77	178.27	.06
294.00	.44	180.89	294.00	-1.31	.03	-1.31	1.31	178.64	.20
386.00	.53	231.74	385.99	-1.93	-.31	-1.93	1.95	189.09	.46
481.00	.18	202.91	480.99	-2.34	-.71	-2.34	2.44	196.93	.40
571.00	.35	175.18	570.99	-2.74	-.74	-2.74	2.84	195.18	.23
632.00	.66	171.18	631.99	-3.27	-.67	-3.27	3.34	191.63	.51
723.00	.62	163.84	722.98	-4.26	-.46	-4.26	4.29	186.11	.10
813.00	.79	203.96	812.98	-5.30	-.57	-5.30	5.33	186.17	.57
904.00	.92	199.75	903.97	-6.56	-1.07	-6.56	6.65	189.30	.16
995.00	.92	182.87	994.95	-7.98	-1.36	-7.98	8.09	189.66	.30
1085.00	1.41	199.92	1084.94	-9.74	-1.77	-9.74	9.90	190.31	.66
1176.00	1.19	205.94	1175.91	-11.64	-2.57	-11.64	11.92	192.43	.28
1266.00	1.32	182.94	1265.89	-13.52	-3.03	-13.52	13.85	192.63	.57
1357.00	1.23	182.04	1356.87	-15.54	-3.12	-15.54	15.85	191.34	.10
<b>Last EM Surface Survey</b>									
1448.00	1.41	195.92	1447.85	-17.59	-3.46	-17.59	17.93	191.12	.40
<b>First SVY out of the shoe</b>									
1560.00	1.10	187.10	1559.82	-19.99	-3.97	-19.99	20.38	191.23	.33
1650.00	1.20	71.30	1649.81	-20.54	-3.18	-20.54	20.79	188.81	2.17
1741.00	3.30	41.70	1740.74	-18.28	-.54	-18.28	18.29	181.69	2.56
1832.00	5.40	37.20	1831.47	-12.91	3.79	-12.91	13.46	163.63	2.34
1922.00	5.60	41.80	1921.05	-6.27	9.28	-6.27	11.20	124.02	.54

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S		E-W		Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				FT	FT	FT	FT		Distance FT	Direction Deg	
2012.00	6.20	41.40	2010.58	.65	15.42	.65	15.44	87.57	.67		
2103.00	5.60	41.80	2101.10	7.65	21.63	7.65	22.94	70.52	.66		
2194.00	6.59	45.10	2191.58	14.65	28.29	14.65	31.86	62.63	1.15		
2284.00	6.28	45.10	2281.01	21.77	35.43	21.77	41.58	58.44	.34		
2375.00	6.81	34.99	2371.42	29.70	42.05	29.70	51.48	54.77	1.39		
2466.00	6.02	34.67	2461.85	38.04	47.86	38.04	61.14	51.52	.87		
2556.00	5.58	34.60	2551.39	45.53	53.03	45.53	69.89	49.35	.49		
2647.00	5.19	36.18	2641.99	52.49	57.97	52.49	78.21	47.84	.46		
2737.00	5.01	37.72	2731.63	58.89	62.78	58.89	86.07	46.83	.25		
2828.00	5.00	37.10	2822.29	65.19	67.60	65.19	93.92	46.04	.06		
2919.00	5.41	35.31	2912.91	71.85	72.48	71.85	102.06	45.25	.48		
3010.00	5.58	38.29	3003.49	78.83	77.70	78.83	110.68	44.59	.36		
3100.00	5.58	37.72	3093.07	85.72	83.08	85.72	119.38	44.10	.06		
3145.00	5.32	36.62	3137.86	89.13	85.67	89.13	123.62	43.87	.62		
<b>Trouble shoot MWD found a smashed signal line</b>											
3327.00	5.19	36.88	3319.10	102.48	95.64	102.48	140.18	43.02	.07		
3417.00	4.92	38.82	3408.75	108.75	100.50	108.75	148.08	42.74	.36		
3508.00	4.70	39.08	3499.43	114.68	105.30	114.68	155.69	42.56	.24		
3598.00	4.61	37.28	3589.13	120.42	109.81	120.42	162.97	42.36	.19		
3689.00	4.39	35.92	3679.85	126.15	114.07	126.15	170.08	42.12	.27		
3779.00	5.01	36.62	3769.55	132.10	118.44	132.10	177.42	41.88	.69		
3870.00	4.92	35.52	3860.21	138.46	123.08	138.46	185.25	41.63	.14		
3960.00	4.61	38.20	3949.89	144.45	127.55	144.45	192.70	41.45	.42		
4051.00	5.41	39.39	4040.55	150.63	132.54	150.63	200.64	41.34	.89		
4142.00	5.20	39.90	4131.16	157.11	137.91	157.11	209.05	41.27	.24		
4232.00	5.10	40.40	4220.79	163.29	143.11	163.29	217.13	41.23	.12		
4322.00	5.10	38.80	4310.44	169.45	148.21	169.45	225.13	41.17	.16		
4413.00	4.70	41.90	4401.10	175.38	153.24	175.38	232.89	41.15	.53		
4504.00	5.00	41.80	4491.78	181.11	158.37	181.11	240.59	41.17	.33		
4594.00	4.90	34.10	4581.44	187.22	163.14	187.22	248.32	41.07	.75		
4685.00	4.30	35.60	4672.15	193.21	167.30	193.21	255.58	40.89	.67		
4775.00	4.40	30.10	4761.89	198.94	171.00	198.94	262.33	40.68	.48		
4820.00	4.40	32.10	4806.76	201.90	172.78	201.90	265.74	40.56	.34		
4911.00	4.70	38.20	4897.47	207.78	176.94	207.78	272.92	40.42	.63		
5001.00	4.09	41.50	4987.21	213.08	181.35	213.08	279.81	40.40	.73		
5092.00	3.69	42.42	5078.00	217.68	185.48	217.68	285.98	40.43	.44		
5137.00	3.60	42.42	5122.91	219.79	187.41	219.79	288.84	40.45	.20		
5227.00	3.10	36.88	5212.75	223.82	190.77	223.82	294.09	40.44	.66		
5318.00	3.12	38.42	5303.62	227.73	193.79	227.73	299.02	40.40	.09		
5409.00	3.70	32.60	5394.46	232.14	196.91	232.14	304.41	40.31	.74		
5499.00	3.90	36.10	5484.26	237.06	200.28	237.06	310.34	40.19	.34		
5590.00	3.70	41.60	5575.06	241.76	204.05	241.76	316.36	40.17	.46		
5681.00	4.10	30.50	5665.85	246.76	207.65	246.76	322.50	40.08	.94		
5771.00	4.20	32.00	5755.61	252.32	211.03	252.32	328.94	39.91	.16		
5861.00	5.19	34.38	5845.31	258.48	215.08	258.48	336.26	39.76	1.12		

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth			Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				N-S FT	E-W FT		Distance FT	Direction Deg	
5951.00	4.92	38.82	5934.96	264.85	219.79	264.85	344.17	39.69	.53
6042.00	5.41	43.08	6025.59	271.02	225.17	271.02	352.35	39.72	.68
6133.00	5.32	33.02	6116.20	277.69	230.40	277.69	360.83	39.68	1.04
<b>Change BHA</b>									
6209.00	5.19	34.20	6191.88	283.49	234.25	283.49	367.75	39.57	.22
6300.00	5.41	32.31	6282.49	290.52	238.86	290.52	376.10	39.43	.31
<b>Rotating Dog Leg</b>									
6390.00	3.60	24.58	6372.21	296.67	242.30	296.67	383.05	39.24	2.12
6481.00	4.79	36.31	6462.96	302.33	245.74	302.33	389.61	39.10	1.61
6571.00	4.31	38.11	6552.68	308.02	250.05	308.02	396.74	39.07	.56
6662.00	4.31	37.81	6643.42	313.41	254.26	313.41	403.58	39.05	.02
6753.00	4.60	40.00	6734.15	318.91	258.70	318.91	410.65	39.05	.37
6843.00	4.92	41.28	6823.84	324.58	263.57	324.58	418.11	39.08	.37
6943.00	5.89	46.42	6923.39	331.34	270.11	331.34	427.49	39.19	1.08
7033.00	5.19	29.11	7012.98	338.08	275.44	338.08	436.08	39.17	2.00
7124.00	4.39	22.21	7103.66	344.90	278.76	344.90	443.46	38.95	1.08
7215.00	5.49	22.29	7194.32	352.15	281.72	352.15	450.97	38.66	1.21
7351.00	4.39	20.40	7329.81	363.05	286.01	363.05	462.17	38.23	.82
7441.00	5.32	22.69	7419.49	370.13	288.82	370.13	469.48	37.97	1.06
<b>Having signal prob,Power up MWD got survey</b>									
7622.00	3.91	23.70	7599.90	383.52	294.53	383.52	483.57	37.52	.78
7713.00	3.12	16.59	7690.72	388.73	296.49	388.73	488.90	37.33	.99
7803.00	2.42	9.42	7780.62	392.96	297.50	392.96	492.87	37.13	.87
7893.00	2.11	12.41	7870.55	396.45	298.17	396.45	496.06	36.95	.37
7984.00	1.49	8.50	7961.50	399.25	298.70	399.25	498.62	36.80	.69
8074.00	.48	5.21	8051.49	400.79	298.91	400.79	499.98	36.72	1.12
8165.00	.40	345.51	8142.49	401.47	298.86	401.47	500.50	36.66	.19
8256.00	.09	179.71	8233.49	401.71	298.78	401.71	500.64	36.64	.54
8346.00	.70	174.52	8323.48	401.09	298.84	401.09	500.18	36.69	.68
8436.00	1.01	168.41	8413.47	399.77	299.05	399.77	499.24	36.80	.36
8527.00	1.01	153.29	8504.46	398.27	299.57	398.27	498.36	36.95	.29
8617.00	1.10	155.18	8594.44	396.77	300.29	396.77	497.60	37.12	.11
8708.00	1.41	151.71	8685.42	394.99	301.19	394.99	496.72	37.33	.35
8798.00	1.49	148.10	8775.39	393.03	302.33	393.03	495.86	37.57	.13
8889.00	1.58	149.12	8866.36	390.94	303.60	390.94	494.99	37.83	.10
8980.00	1.41	142.00	8957.33	388.99	304.93	388.99	494.26	38.09	.28
9070.00	1.41	149.52	9047.30	387.16	306.18	387.16	493.59	38.34	.21
9161.00	1.49	143.58	9138.27	385.24	307.45	385.24	492.88	38.59	.19
9251.00	1.71	143.71	9228.24	383.22	308.94	383.22	492.24	38.87	.24
9342.00	1.80	144.90	9319.19	380.95	310.56	380.95	491.50	39.19	.11
9432.00	2.02	148.68	9409.14	378.44	312.20	378.44	490.60	39.52	.28
9523.00	2.02	147.10	9500.09	375.73	313.90	375.73	489.60	39.88	.06
9613.00	1.80	137.78	9590.04	373.35	315.71	373.35	488.94	40.22	.42
9699.00	1.71	134.00	9676.00	371.46	317.55	371.46	488.69	40.53	.17
<b>Last Survey Projected to TD</b>									
9740.00	1.71	134.00	9716.98	370.61	318.43	370.61	488.61	40.67	.00