

**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 9-36-6-19
<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> WILDCAT
<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> ML 50801	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>
<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>
<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 type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1618 FSL 1019 FEL	NESE	36	6.0 S	19.0 E	S
Top of Uppermost Producing Zone	1618 FSL 1019 FEL	NESE	36	6.0 S	19.0 E	S
At Total Depth	1618 FSL 1019 FEL	NESE	36	6.0 S	19.0 E	S

<b>21. COUNTY</b> UINTAH	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 295	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640
<b>24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 5013	<b>25. PROPOSED DEPTH</b> MD: 11180 TVD: 11180	
<b>26. ELEVATION - GROUND LEVEL</b> 4965	<b>27. BOND NUMBER</b> LPM4138148	<b>28. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Green River

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.8	Unknown	0	0.0	0.0
SURF	12.25	9.625	0 - 3500	45.5	J-55 ST&C	8.8	Halliburton Light , Type Unknown	940	3.16	11.0
							Halliburton Premium , Type Unknown	360	1.36	14.8
PROD	8.75	5.5	0 - 11180	17.0	P-110 LT&C	9.7	Unknown	970	2.31	11.0
							Unknown	1620	1.42	13.5

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Brady Riley	<b>TITLE</b> Permit Analyst	<b>PHONE</b> 303 312-8115
<b>SIGNATURE</b>	<b>DATE</b> 08/10/2011	<b>EMAIL</b> briley@billbarrettcorp.com
<b>API NUMBER ASSIGNED</b> 43047518040000	<b>APPROVAL</b>   Permit Manager	

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

**FD 9-36-6-19 Well Pad**

NESE, 1618' FSL, 1019' FEL, Section 36, T6S, R19E, SLB&M (surface hole)

NESE, 1618' FSL, 1019' FEL, Section 36, T6S, R19E, SLB&M (bottom hole)

Uintah County, UT

**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>
Lower Green River*	5035'
TGR3	7030'
Black Shale	7705'
Wasatch*	8680'
TD	11,180'

\*PROSPECTIVE PAY

Members of 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 – 80'	No pressure control required (may pre-set 13-3/8")
80' – 3500'	13-5/8" 5000# Annular Diverter plumbed through the rigs choke manifold
3500' – TD	13-5/8" or 11" 5000# Ram Type BOP 13-5/8" or 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 (FROM) (TO)</b>		<b>Casing Size</b>	<b>Casing Weight</b>	<b>Casing Grade</b>	<b>Thread</b>	<b>Condition</b>
26"	Surface	80'	16"	65#			
14 3/4"	Surface	3500'	10-3/4"	45.5#	J or K 55	BT&C	New
9-7/8" & 8-3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
<b>NOTE: If necessary due to lost circulation, BBC would like to request the option to set 7-5/8", 29.70# P-110 LT&amp;C to a depth of 8600', then drill a 6-1/2" hole to TD and run 5-1/2" casing as a 2780' liner (200' liner lap).</b>							

Bill Barrett Corporation  
 Drilling Program  
 FD 9-36-6-19  
 Uintah County, Utah

5. **Cementing Program**

<b><u>Casing</u></b>	<b><u>Cement</u></b>
16" Conductor Casing	Grout
14-3/4" hole for 10-3/4" Surface Casing	<p><i>Lead</i> with approximately 940 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. Planned top of lead cement at surface.</p> <p><i>Tail</i> with approximately 360 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft<sup>3</sup>/sx). Calculated hole volume with 75% excess. Planned top of tail cement at 3000'.</p>
9-7/8 hole for 5 1/2" Production Casing May reduce hole size to 8-3/4" at 8600' if minimal hole problems.	<p><i>Lead</i> with approximately 970 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft<sup>3</sup>/sx). Planned top of lead cement at 3000'</p> <p><i>Tail</i> with approximately 1620 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft<sup>3</sup>/sx). Planned top of tail cement at 7030'.</p>
<p><b>NOTE: If 7-5/8" casing is necessary, cement with Lead with approximately 700 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft<sup>3</sup>/sx). Tail with approximately 240 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft<sup>3</sup>/sx). Planned TOC surface. We will perform a FIT to 10.2 ppg after drilling 20' of new hole.</b></p> <p><b>The 5-1/2" liner would be cemented with 350 sx of Class G 50/50 Poz w/ 2% gel (14.2 ppg) with additives from TD to 200' above TOL.</b></p>	

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' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3500'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3500' – TD	8.6 – 9.7	42 – 52	20 cc or less	DAP Polymer Fluid System
<p>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.</p>				

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 Drilling Program  
 FD 9-36-6-19  
 Uintah County, Utah

**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.
<b>NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.</b>	

**8. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5614 psi\* and maximum anticipated surface pressure equals approximately 3165 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 TVD = A (bottom hole pressure)

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

**9. Auxiliary Equipment**

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

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

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

**11. Drilling Schedule**

Location Construction: Oct. 1, 2011  
 Spud: Nov. 1, 2011  
 Duration: 15 days drilling time  
 45 days completion time



# Bill Barrett Corporation

## EAST BLUEBELL CEMENT VOLUMES

AS OF: 8/10/2011

**Well Name:** [FD 9-36-6-19](#)
**Surface Hole Data:**

Total Depth:	3,500'
Top of Cement:	0'
OD of Hole:	14.750"
OD of Casing:	10.750"

**Calculated Data:**

Lead Volume:	2920.7	ft <sup>3</sup>
Lead Fill:	3,000'	
Tail Volume:	486.8	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:	940
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Tail Yield:	1.36	ft <sup>3</sup> /sk
% Excess:	75%	
Top of Tail:	3,000'	

# SK's Tail:	360
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**Production Hole Data:**

Total Depth:	11,180'
Top of Lead:	3,000'
Top of Tail:	7,030'
OD of Hole:	9.875"
OD of Casing:	5.500"

**Calculated Data:**

Lead Volume:	2217.8	ft <sup>3</sup>
Lead Fill:	4,030'	
Tail Volume:	2284.0	ft <sup>3</sup>
Tail Fill:	4,150'	

**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:	970
# SK's Tail:	1620

**RECEIVED: August 10, 2011**

<b>FD 9-36-6-19 Proposed Cementing Program</b>
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<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (3000' - 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: 3,000'
	Volume: 520.16 bbl
	<b>Proposed Sacks: 940 sks</b>
<b>Tail Cement - (TD - 3000')</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: 3,000'
	Calculated Fill: 500'
	Volume: 86.69 bbl
	<b>Proposed Sacks: 360 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7030' - 3000')</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: 3,000'
	Calculated Fill: 4,030'
	Volume: 394.97 bbl
	<b>Proposed Sacks: 970 sks</b>
<b>Tail Cement - (11180' - 7030')</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: 7,030'
	Calculated Fill: 4,150'
	Volume: 406.77 bbl
	<b>Proposed Sacks: 1620 sks</b>

## **PRESSURE CONTROL EQUIPMENT – Schematic Attached**

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

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

**B. Pressure Rating:** 3,000 psi

**C. Testing Procedure:**

### Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

### Blow-Out Preventer

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

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

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

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

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

**D. Choke Manifold Equipment:**

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

**E. Accumulator:**

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

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

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

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

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

**F. Miscellaneous Information:**

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

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

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

**BILL BARRETT CORPORATION**

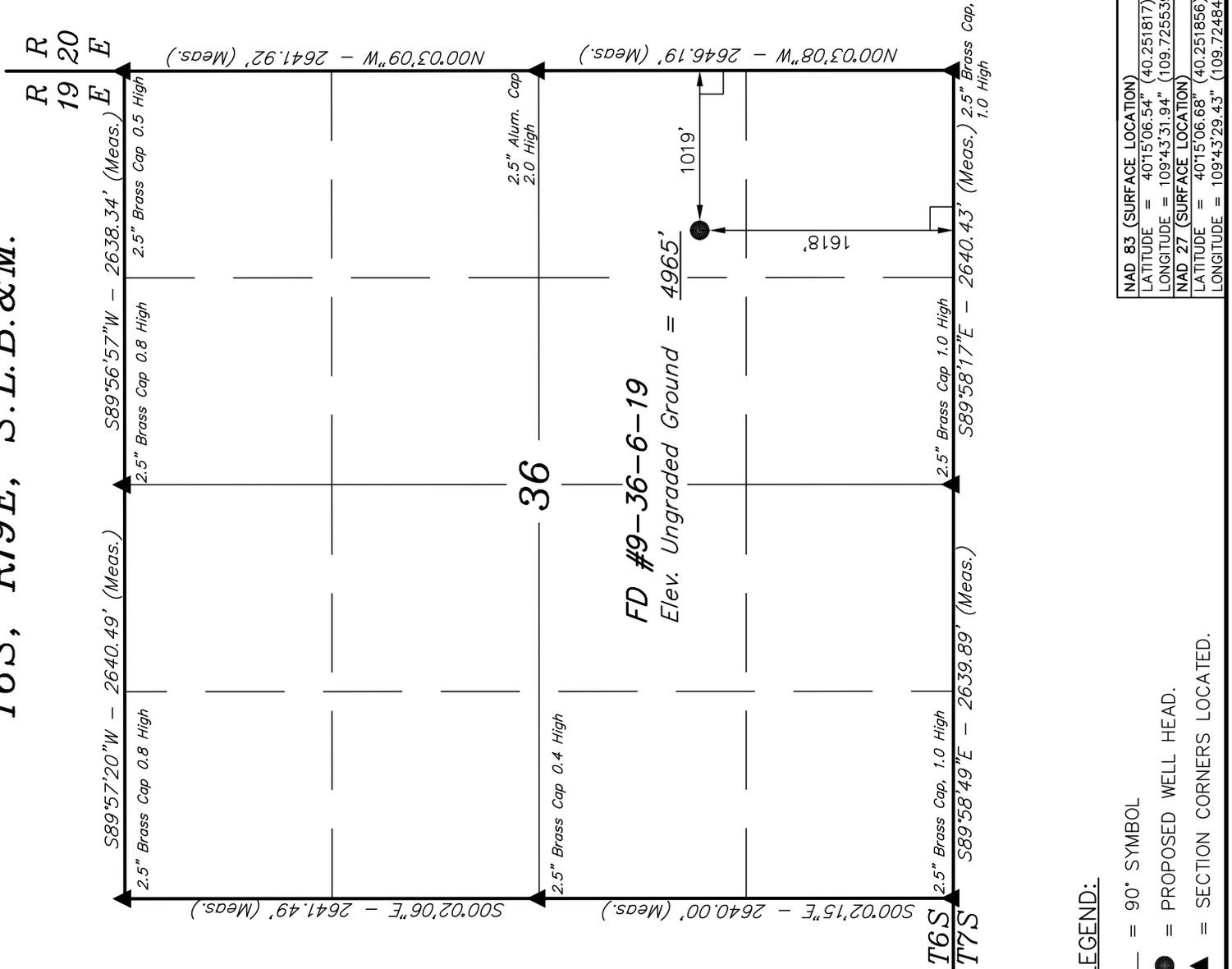
Well location, FD #9-36-6-19, located as shown in the NE 1/4 SE 1/4 of Section 36, T6S, R19E, S.L.B.&M., Uintah County, Utah.

**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.

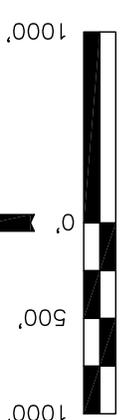
**BASIS OF BEARINGS**

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



- LEGEND:**
- = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED.

<b>NAD 83 (SURFACE LOCATION)</b>	
LATITUDE =	40°15'06.54" (40.251817)
LONGITUDE =	109°43'31.94" (109.725539)
<b>NAD 27 (SURFACE LOCATION)</b>	
LATITUDE =	40°15'06.68" (40.251856)
LONGITUDE =	109°43'29.43" (109.724842)



**CERTIFICATE OF REGISTERED LAND SURVEYOR**

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

**ROBERT L. KAY**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 164318  
 STATE OF UTAH 07-11-11

REVISED: 07-11-11 S.L.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>	
85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017	
SCALE 1" = 1000'	DATE SURVEYED: 04-14-11
PARTY B.H. N.F. J.J.	DATE DRAWN: 04-19-11
WEATHER COOL	REFERENCES G.L.O. PLAT
FILE BILL BARRETT CORPORATION	

# BILL BARRETT CORPORATION

FD #9-36-6-19

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 36, T6S, R19E, S.L.B.&M.

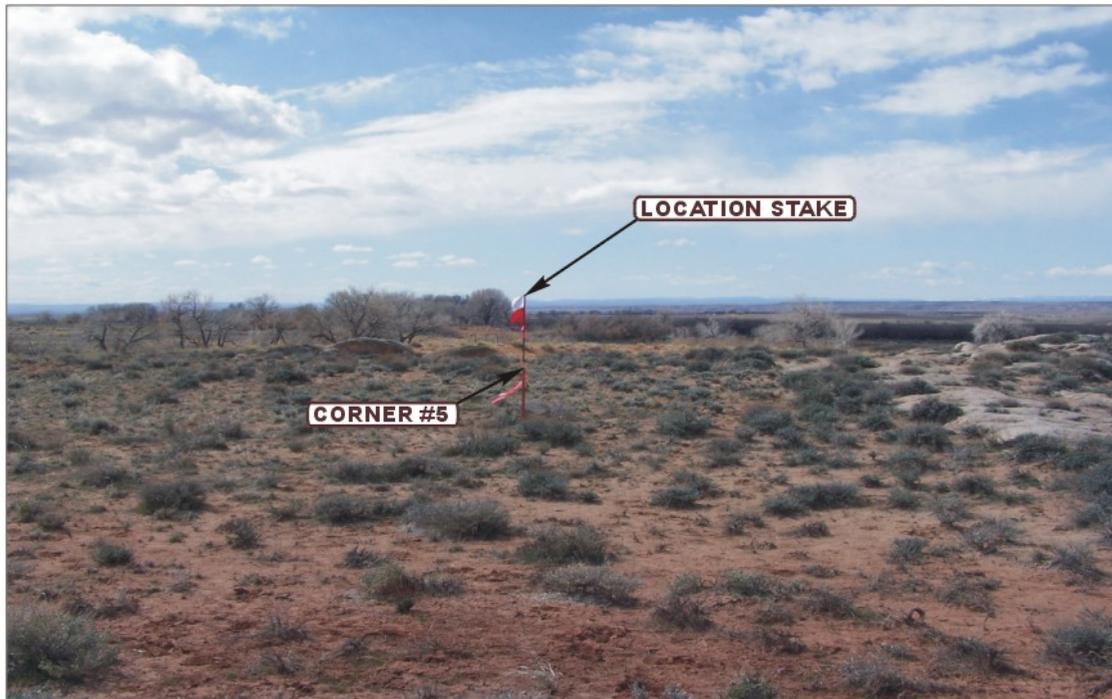


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

**UELS**

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

LOCATION PHOTOS

04 18 11  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: S.F.

REVISED: 07-11-11



**BILL BARRETT CORPORATION**

**TYPICAL CROSS SECTION FOR**

FD #9-36-6-19

SECTION 36, T6S, R19E, S.L.B.&M.  
1618' FSL 1019' FEL

**FIGURE #2**

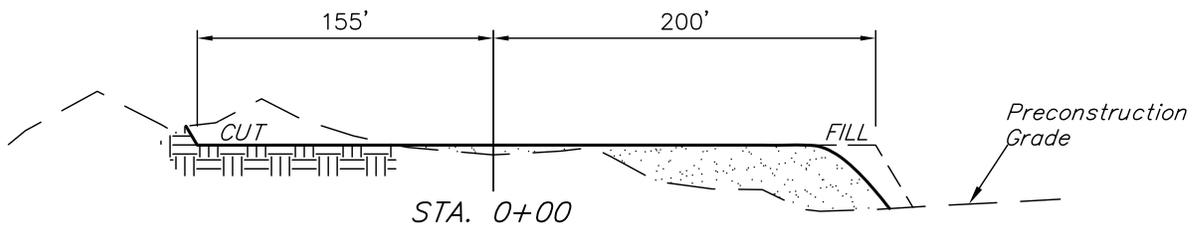
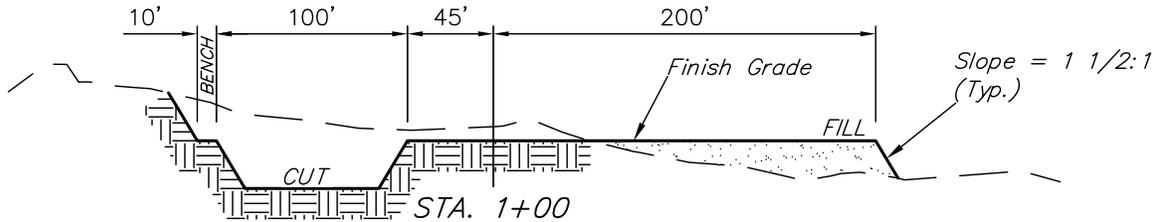
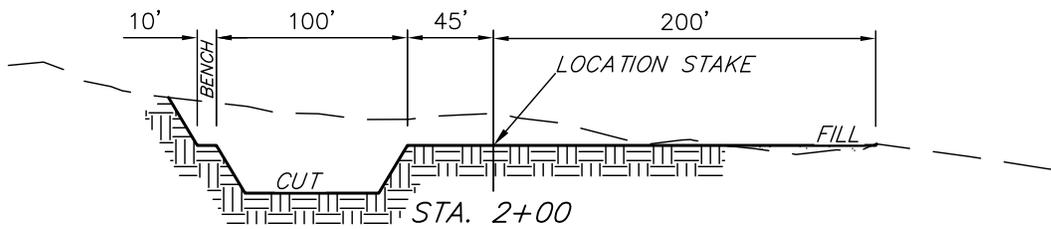
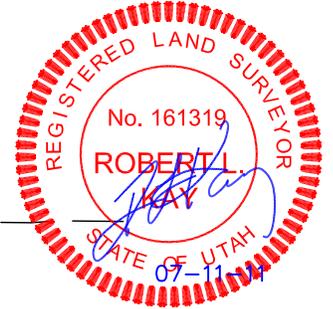
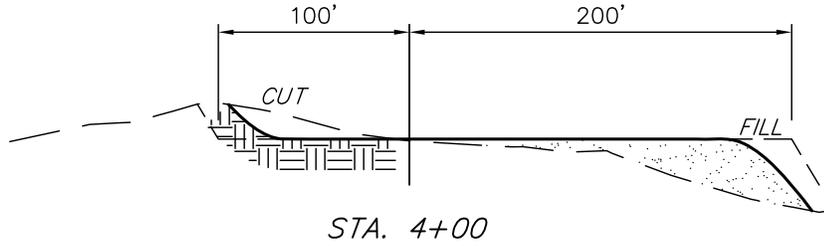
SCALE: 1" = 60'

DATE: 04-19-11

DRAWN BY: J.J.

REVISED: 07-11-11 S.L.

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



**NOTE:**

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.054 ACRES

ACCESS ROAD DISTURBANCE = ± 2.019 ACRES

TOTAL = ± 6.073 ACRES

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	2,850 Cu. Yds.
Remaining Location	=	16,530 Cu. Yds.
<b>TOTAL CUT</b>	=	<b>19,380 CU.YDS.</b>
<b>FILL</b>	=	<b>13,210 CU.YDS.</b>

EXCESS MATERIAL	=	6,170 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	6,170 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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

**RECEIVED: August 10, 2011**

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

FD #9-36-6-19

SECTION 36, T6S, R19E, S.L.B.&M.

1618' FSL 1019' FEL

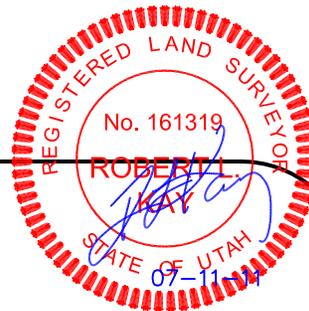
FIGURE #3

SCALE: 1" = 60'

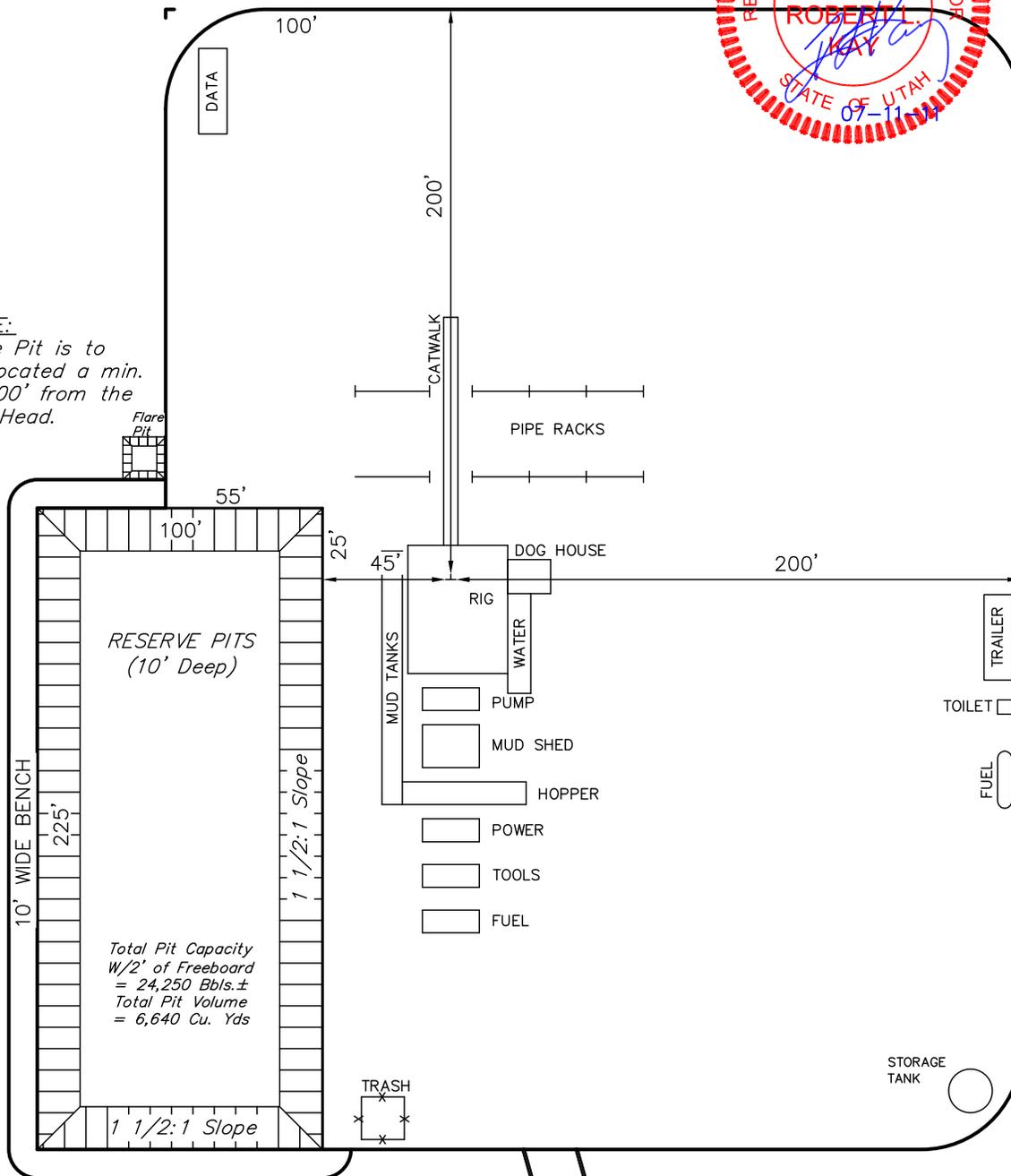
DATE: 04-19-11

DRAWN BY: J.J.

REVISED: 07-11-11 S.L.



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



BILL BARRETT CORPORATION

# LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON STATE OF UTAH LANDS

(For FD #9-36-6-19)

LOCATED IN SECTION 36, T6S, R19E, S.L.B.&M., UTAH COUNTY, UTAH

NW 1/4

NE 1/4

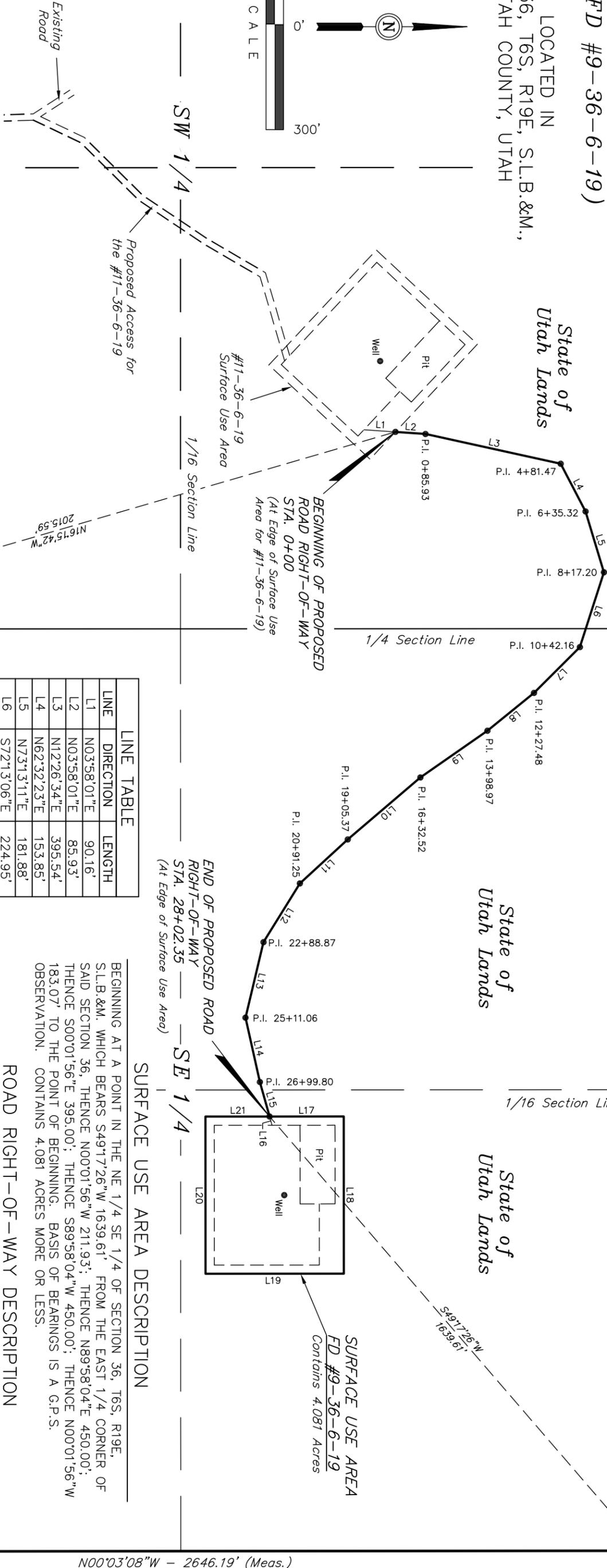
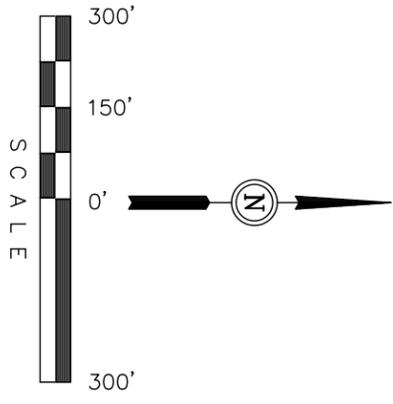
BASIS OF BEARINGS

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

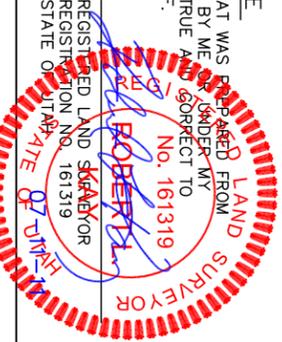
RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
STATE OF UTAH	2802.35	1.930	169.84

1/4 Section Line

2.5" Alum. Cap  
2.0' High



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



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

SCALE	1" = 300'	DATE	05-02-11
PARTY	B.H. N.F. S.L.	REFERENCES	G.L.O. PLAT
WEATHER	COOL	FILE	5 0 5 9 6

Proposed Access for the #11-36-6-19

#11-36-6-19 Surface Use Area

BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY (At Edge of Surface Use Area for #11-36-6-19)

State of Utah Lands

State of Utah Lands

## SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 SE 1/4 OF SECTION 36, T6S, R19E, S.L.B.&M. WHICH BEARS S49°17'26"W 1639.61' FROM THE EAST 1/4 CORNER OF SAID SECTION 36, THENCE N00°01'56"W 211.93'; THENCE N89°58'04"E 450.00'; THENCE S00°01'56"E 395.00'; THENCE S89°58'04"W 450.00'; THENCE N00°01'56"W 183.07' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.081 ACRES MORE OR LESS.

## ROAD RIGHT-OF-WAY DESCRIPTION

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

BEGINNING AT A POINT IN THE NE 1/4 SW 1/4 OF SECTION 36, T6S, R19E, S.L.B.&M. WHICH BEARS N16°15'42"W 2015.59' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 36, THENCE N03°58'01"E 85.93'; THENCE N12°26'34"E 395.54'; THENCE N62°32'23"E 153.85'; THENCE N73°13'11"E 181.88'; THENCE S72°13'06"E 224.95'; THENCE S44°59'25"E 185.33'; THENCE S39°09'18"E 171.49'; THENCE S34°56'02"E 233.55'; THENCE S40°32'32"E 272.85'; THENCE S42°37'53"E 185.88'; THENCE S58°17'08"E 197.62'; THENCE S76°37'03"E 222.19'; THENCE S76°37'03"E 188.74'; THENCE N77°25'39"E 102.56'; THENCE N74°21'41"E 102.56'; THENCE N74°21'41"E 25.88'; THENCE N00°01'56"W 211.93'; THENCE N89°58'04"E 450.00'; THENCE S00°01'56"E 395.00'; THENCE S89°58'04"W 450.00'; THENCE N00°01'56"W 183.07'

LINE	DIRECTION	LENGTH
L1	N03°58'01"E	90.16'
L2	N03°58'01"E	85.93'
L3	N12°26'34"E	395.54'
L4	N62°32'23"E	153.85'
L5	N73°13'11"E	181.88'
L6	S72°13'06"E	224.95'
L7	S44°59'25"E	185.33'
L8	S39°09'18"E	171.49'
L9	S34°56'02"E	233.55'
L10	S40°32'32"E	272.85'
L11	S42°37'53"E	185.88'
L12	S58°17'08"E	197.62'
L13	S76°37'03"E	222.19'
L14	S76°37'03"E	188.74'
L15	N77°25'39"E	102.56'
L16	N74°21'41"E	102.56'
L17	N74°21'41"E	25.88'
L18	N00°01'56"W	211.93'
L19	N89°58'04"E	450.00'
L20	S00°01'56"E	395.00'
L21	S89°58'04"W	450.00'
L21	N00°01'56"W	183.07'

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 28+02.35 (At Edge of Surface Use Area)

SURFACE USE AREA FD #9-36-6-19 Contains 4.081 Acres

N00°03'08"W - 2646.19' (Meas.)

S89°58'17"E - 2640.43' (Meas.)

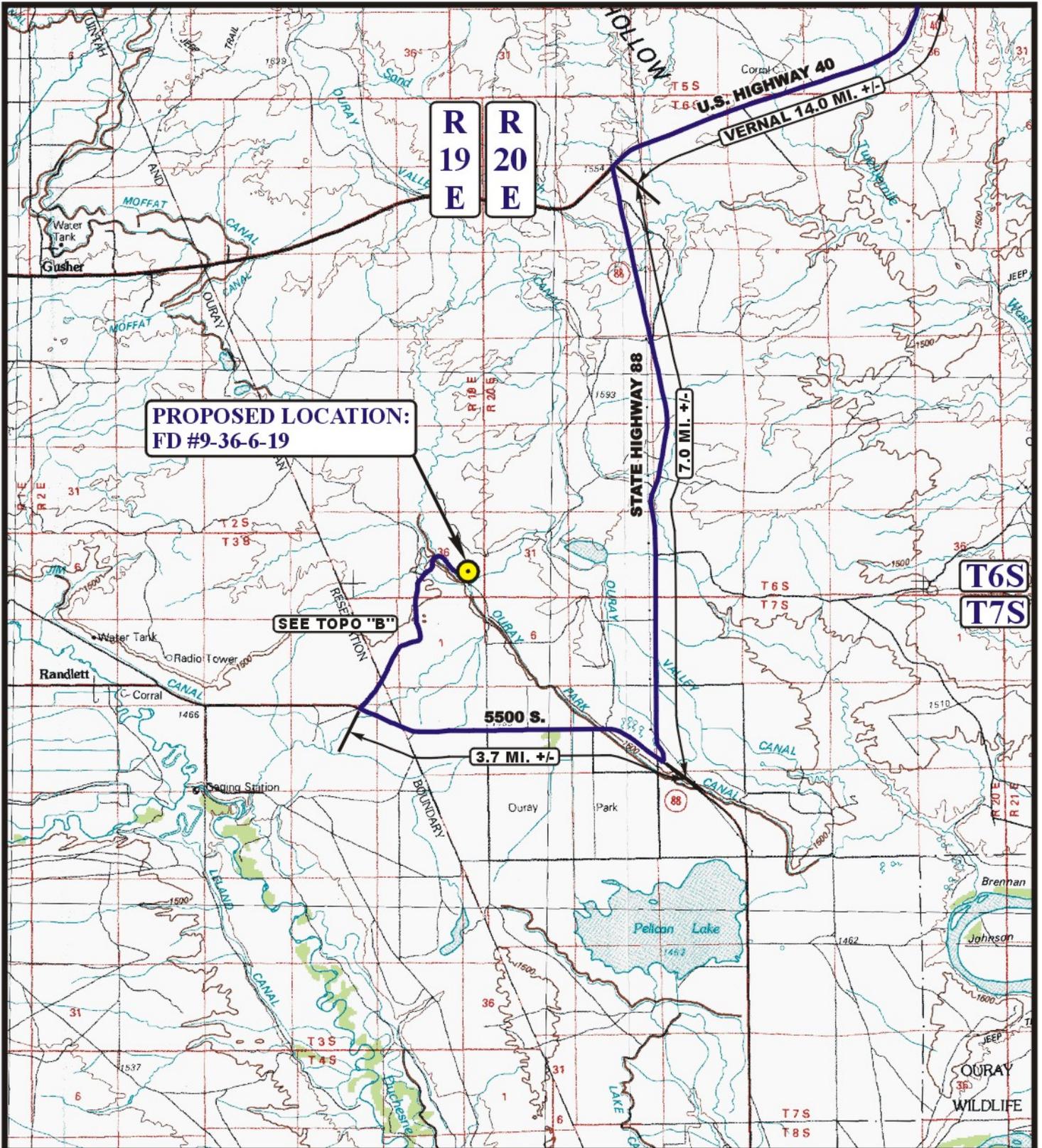
Section Line  
2.5" Brass Cap  
1.0' High

2.5" Brass Cap  
1.0' High

**BILL BARRETT CORPORATION**  
**FD #9-36-6-19**  
**SECTION 36, T6S, R19E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 7.0 MILES TO THE JUNCTION OF THIS ROAD AND 5500 S. TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE STATE #36-32-6-19 TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 10,368' TO THE PROPOSED STATE #36-32-6-19 LOCATION AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 2,932' TO THE PROPOSED LOCATION..

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 27.2 MILES.



**PROPOSED LOCATION:  
FD #9-36-6-19**

**SEE TOPO "B"**

**5500 S.**

**3.7 MI. +/-**

**STATE HIGHWAY 88**

**7.0 MI. +/-**

**U.S. HIGHWAY 40**  
**VERNAL 14.0 MI. +/-**

**LEGEND:**

**PROPOSED LOCATION**



**BILL BARRETT CORPORATION**

**FD #9-36-6-19**  
**SECTION 36, T6S, R19E, S.L.B.&M.**  
**1618' FSL 1019' FEL**

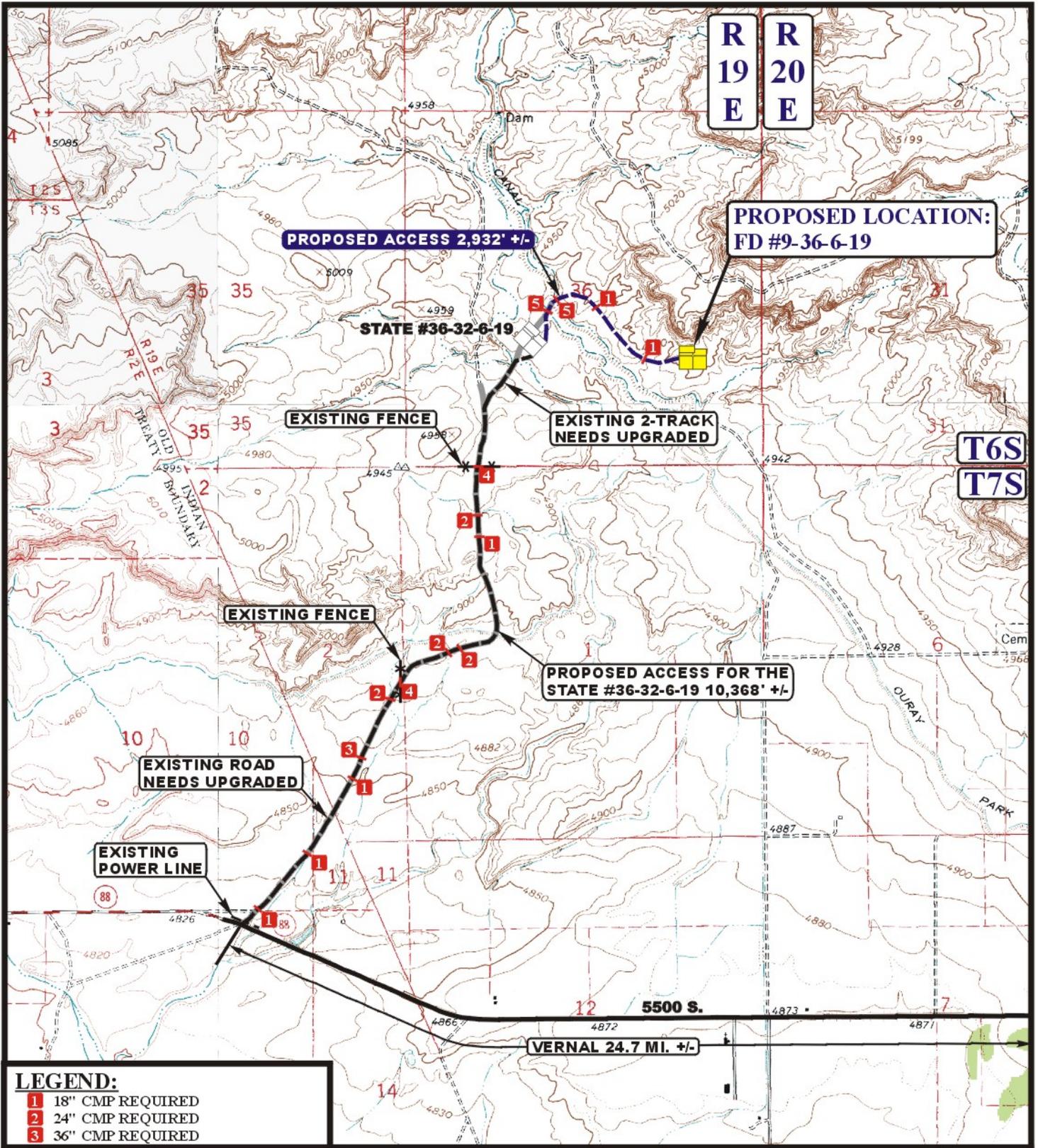
**U&L S**  
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**ACCESS ROAD**  
**MAP**

<b>04</b>	<b>18</b>	<b>11</b>
MONTH	DAY	YEAR

SCALE: 1:100,000    DRAWN BY: S.F.    REVISED: 07-11-11





**LEGEND:**

- 1** 18" CMP REQUIRED
- 2** 24" CMP REQUIRED
- 3** 36" CMP REQUIRED

**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING FENCE
- EXISTING POWER LINE
- EXISTING ROAD NEEDS UPGRADED
- 4** INSTALL CATTLE GUARD
- 5** BOX CULVERT REQUIRED

**BILL BARRETT CORPORATION**

**FD #9-36-6-19**  
**SECTION 36, T6S, R19E, S.L.B.&M.**  
**1618' FSL 1019' FEL**



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



**ACCESS ROAD**  
**MAP**

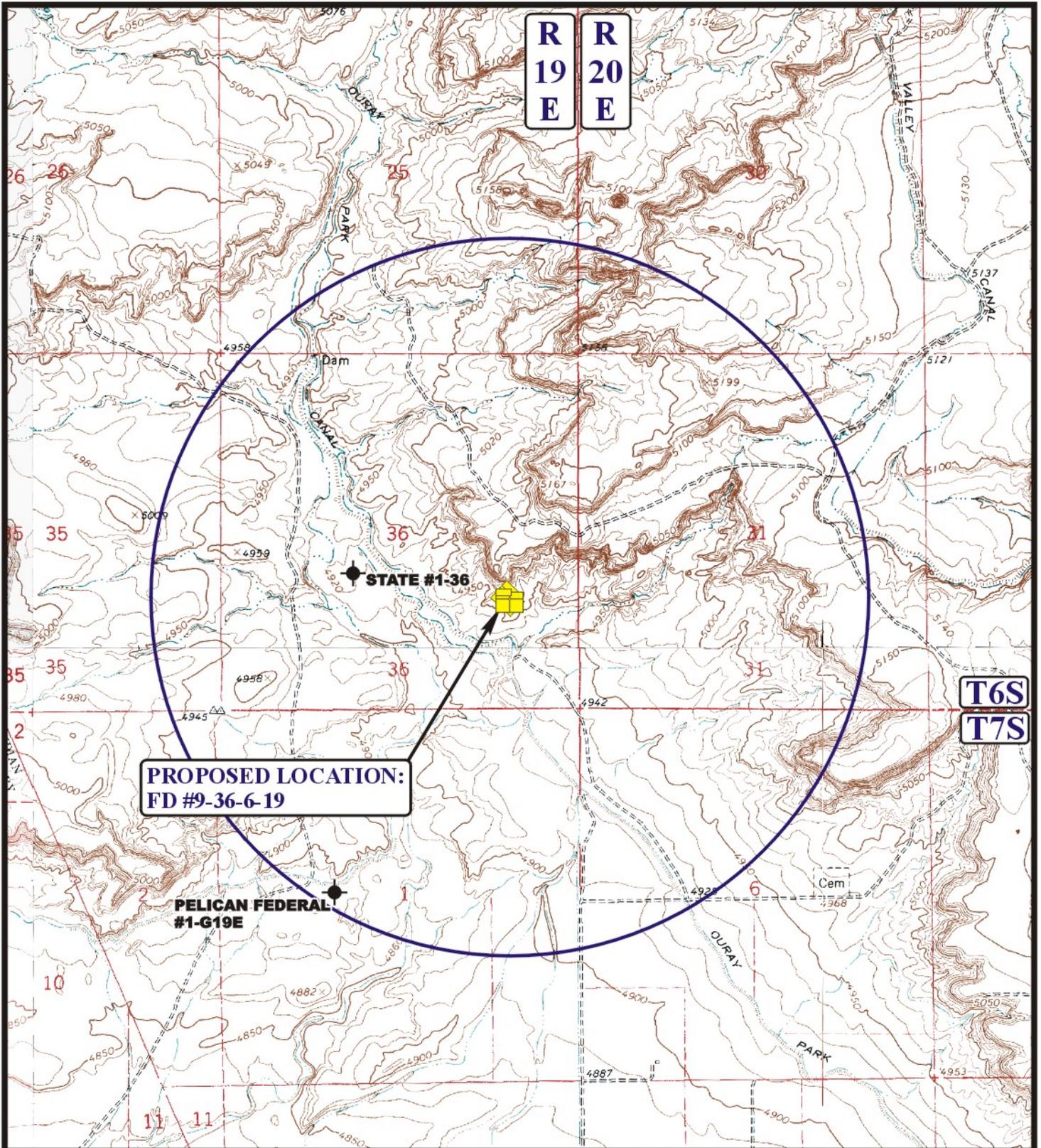
**04 18 11**  
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: S.F.

REVISED: 07-11-11





**PROPOSED LOCATION:  
FD #9-36-6-19**

**PELICAN FEDERAL  
#1-G19E**

**STATE #1-36**

**R  
19  
E**      **R  
20  
E**

**T6S  
T7S**

**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**BILL BARRETT CORPORATION**

**FD #9-36-6-19  
SECTION 36, T6S, R19E, S.L.B.&M.  
1618' FSL 1019' FEL**

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

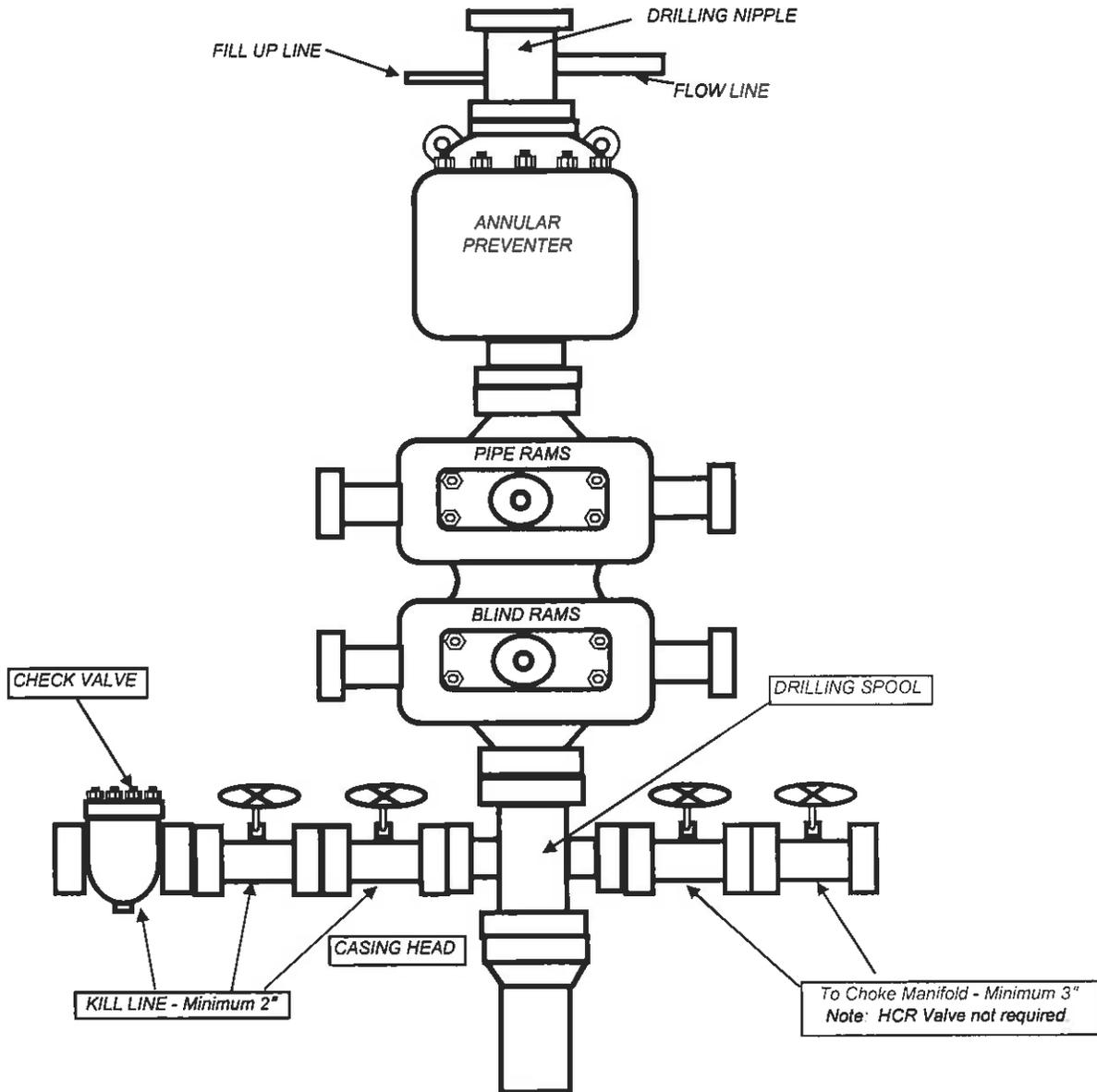


**TOPOGRAPHIC MAP** **04 18 11**  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: S.F. REVISED: 07-11-11



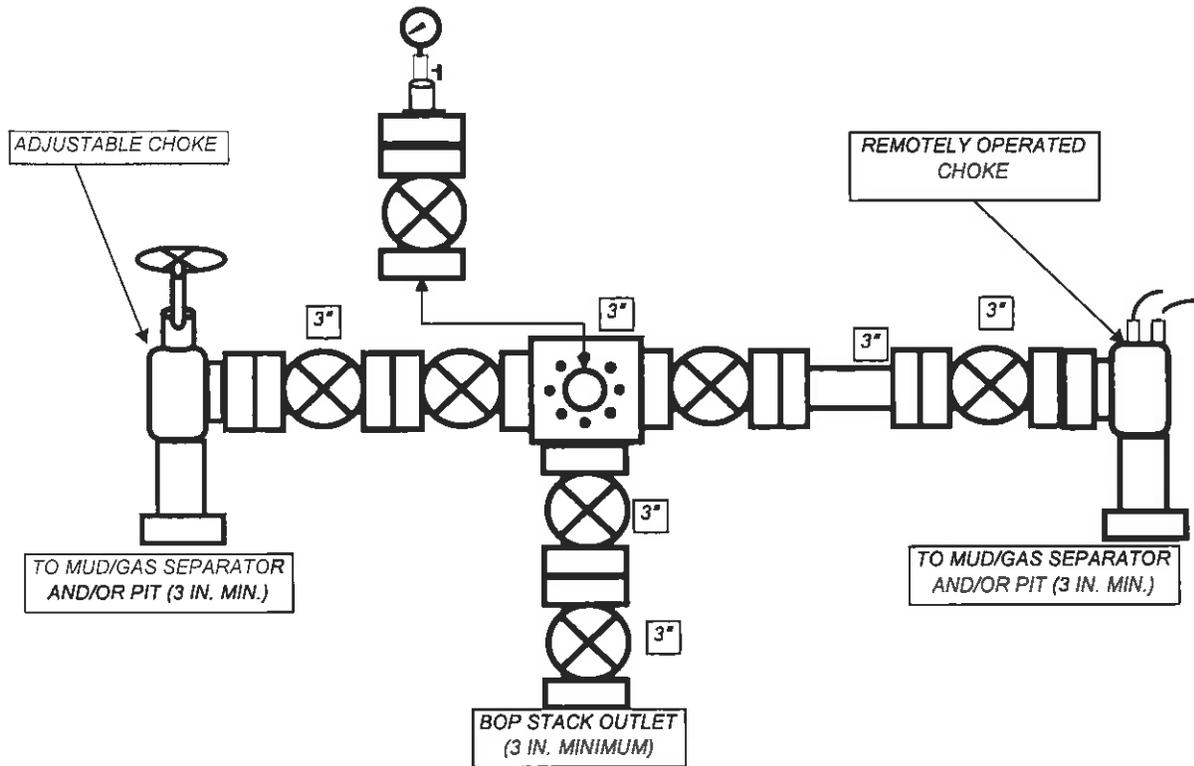
# BILL BARRETT CORPORATION

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



# BILL BARRETT CORPORATION

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





August 9, 2011

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 #9-36-6-19 – East Bluebell Area**  
Surface Location: 1618' FSL, 1019' FEL, NESE, Section 36-T6S-R19E  
Bottom Location: 1618' FSL, 1019' FEL, NESE, Section 36-T6S-R19E  
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 topography requirements and to minimize surface disturbance.
- BBC certifies that it is the working interest owner along with EnCana and Newfield (who also consent to this exception location request), and together we own 100% of the working interest within 460 feet of the proposed well location.
- Our rights are owned under ML – 50801

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 303-299-9935

Sincerely,



Thomas Abell  
Landman  
[tabell@billbarrettcorp.com](mailto:tabell@billbarrettcorp.com)

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

**From:** Jim Davis  
**To:** Hill, Brad; Mason, Diana  
**CC:** Bonner, Ed; Garrison, LaVonne; tfallang@billbarrettcorp.com  
**Date:** 9/28/2011 10:43 AM  
**Subject:** Barrett APD approvals

The following wells have been approved by SITLA. No archaeological stipulations have been made. However, a palonotologist needs to be on-site to monitor the construction of the access road and well pad of the FD 9-36-6-19, as per the recommendations made in the paleo report. No paleo restrictions have been made for the FD 11-36-6-19. Thanks.

4304751804 FD 9-36-6-19  
4304751806 FD #11-36-6-19

-Jim

BOPE REVIEW BILL BARRETT CORP FD 9-36-6-19 43047518040000

Well Name	BILL BARRETT CORP FD 9-36-6-19 43047518040000			
String	COND	SURF	PROD	
Casing Size(")	16.000	9.625	5.500	
Setting Depth (TVD)	80	3500	11180	
Previous Shoe Setting Depth (TVD)	0	80	3500	
Max Mud Weight (ppg)	8.8	8.8	9.7	
BOPE Proposed (psi)	0	5000	5000	
Casing Internal Yield (psi)	1000	3580	10640	
Operators Max Anticipated Pressure (psi)	5614		9.7	

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 OK
			*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=	1602	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1182	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	832	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	850	NO 5M Annular Divertor, no expected pressure
Required Casing/BOPE Test Pressure=		2506	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=	5639	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4297	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3179	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3949	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		3500	psi *Assumes 1psi/ft frac gradient

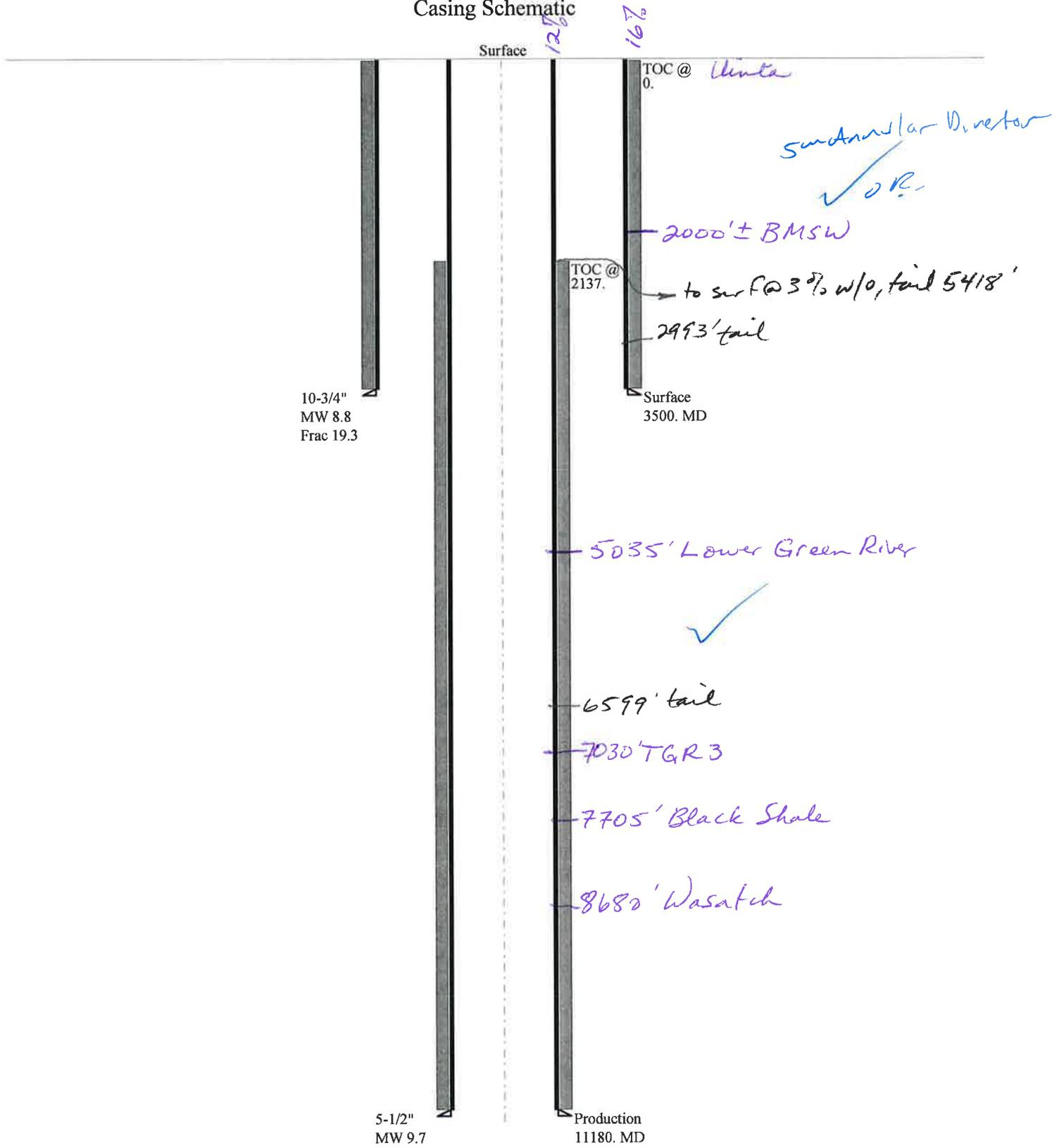
Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous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

API Well Number: 43047518040000

*Max Pressure Allowed @ Previous Casing Shoe=	<input type="text"/>	psi *Assumes 1psi/ft frac gradient
---	----------------------	------------------------------------

# 43047518040000 FD 9-36-6-19

## Casing Schematic



Well name:	43047518040000 FD 9-36-6-19		
Operator:	BILL BARRETT CORP		
String type:	Surface	Project ID:	43-047-51804
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 8.800 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 2,730 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 3,500 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: 3,043 ft

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 123 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft

Cement top: Surface

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 11,180 ft  
 Next mud weight: 9.700 ppg  
 Next setting BHP: 5,634 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 3,500 ft  
 Injection pressure: 3,500 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	3500	10.75	45.50	J-55	Buttress	3500	3500	9.825	36936
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	1600	2090	1.306	3500	3580	1.02	159.2	715.3	4.49 B

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

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

Date: October 12, 2011  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.8 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>43047518040000 FD 9-36-6-19</b>		
Operator:	<b>BILL BARRETT CORP</b>		
String type:	Production	Project ID:	43-047-51804
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 9.700 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 231 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 100 ft

Cement top: 2,137 ft

**Burst**

Max anticipated surface pressure: 3,174 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 5,634 psi

No backup mud specified.

**Tension:**

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

**Non-directional string.**

Tension is based on air weight.  
 Neutral point: 9,536 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	11180	5.5	17.00	P-110	LT&C	11180	11180	4.767	73640
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	5634	7480	1.328	5634	10640	1.89	190.1	445	2.34 J

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

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

Date: October 12, 2011  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 11180 ft, a mud weight of 9.7 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.

**BOPE REVIEW**

**Bill Barrett FD 9-36-6-19 API 43-047-51804-0000**

Well Name	Bill Barrett FD 9-36-6-19 API 43-047-51804-0000		
Casing Size (")	String 1	String 2	String 3
Setting Depth (TVD)	10 3/4	7 5/8	5 1/2
Previous Shoe Setting Depth (TVD)	3500	8600	11180
Max Mud Weight (ppg)	80	3500	8600
BOPE Proposed (psi)	8.8	9.7	9.7
Casing Internal Yield (psi)	5000	5000	5000
Operators Max Anticipated Pressure (psi)	3580	9470	10640
	5614		9.7 ppg

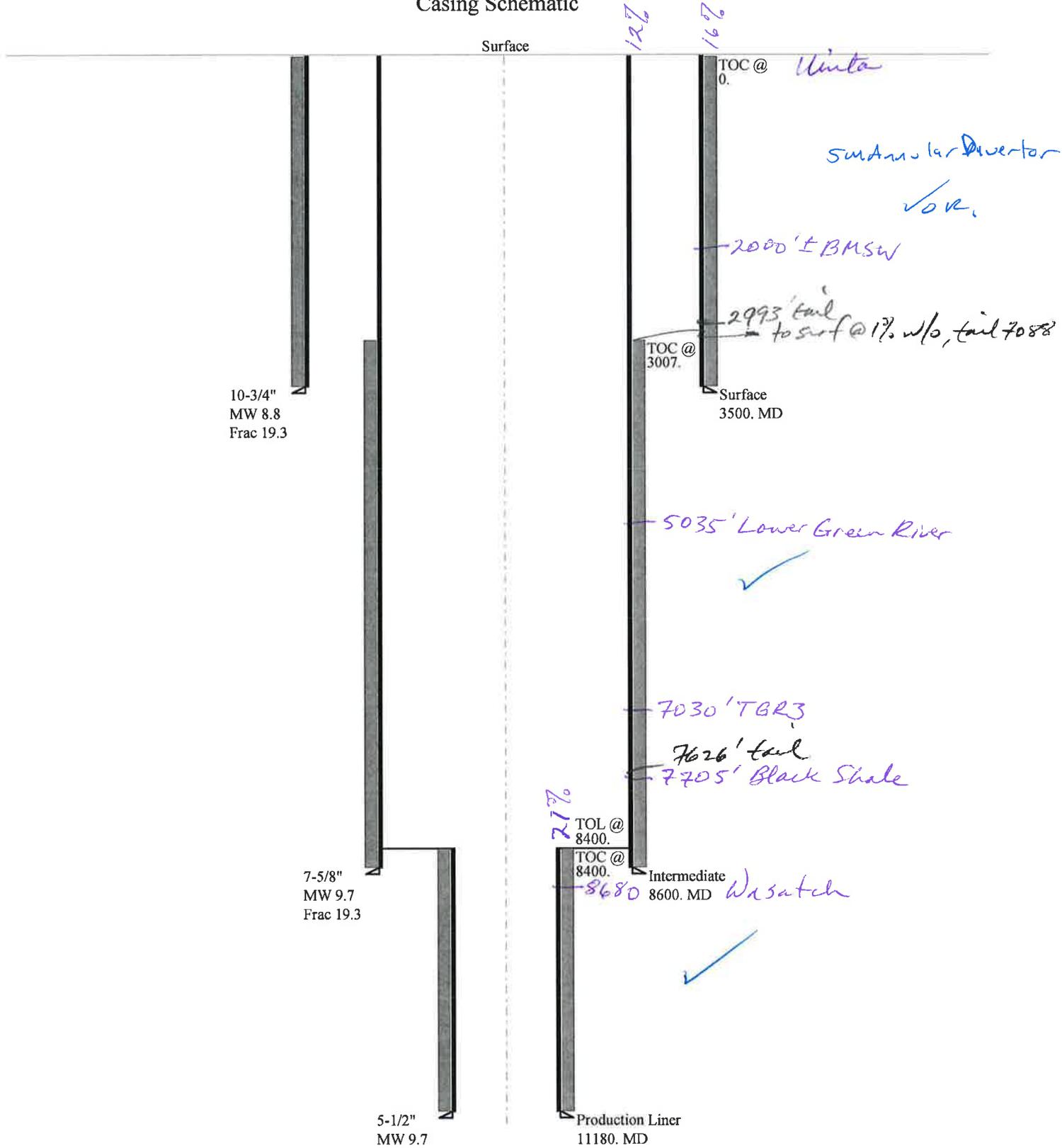
<b>Calculations</b>		String 1	10 3/4 "
Max BHP [psi]		.052*Setting Depth*MMW =	1602
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]		Max BHP-(0.12*Setting Depth) =	1182
			YES
MASP (Gas/Mud) [psi]		Max BHP-(0.22*Setting Depth) =	832
			YES <i>OK</i>
Pressure At Previous Shoe		Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	849
Required Casing/BOPE Test Pressure			2506 psi
			NO
			<i>SW Annular Duster No Expected Pressure</i>
*Max Pressure Allowed @ Previous Casing Shoe =			80 psi
			*Assumes 1psi/ft frac gradient

<b>Calculations</b>		String 2	7 5/8 "
Max BHP [psi]		.052*Setting Depth*MMW =	4338
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]		Max BHP-(0.12*Setting Depth) =	3306
			YES
MASP (Gas/Mud) [psi]		Max BHP-(0.22*Setting Depth) =	2446
			YES <i>OK</i>
Pressure At Previous Shoe		Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3216
Required Casing/BOPE Test Pressure			5000 psi
			YES
*Max Pressure Allowed @ Previous Casing Shoe =			3500 psi
			*Assumes 1psi/ft frac gradient

<b>Calculations</b>		String 3	5 1/2 "
Max BHP [psi]		.052*Setting Depth*MMW =	5639
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]		Max BHP-(0.12*Setting Depth) =	4298
			YES
MASP (Gas/Mud) [psi]		Max BHP-(0.22*Setting Depth) =	3180
			YES <i>OK</i>
Pressure At Previous Shoe		Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	5072
Required Casing/BOPE Test Pressure			5000 psi
			YES <i>OK</i>
*Max Pressure Allowed @ Previous Casing Shoe =			8600 psi
			*Assumes 1psi/ft frac gradient

# 43047518040000 FD 9-36-6-19cont

## Casing Schematic



Well name:	<b>43047518040000 FD 9-36-6-19cont</b>		
Operator:	<b>BILL BARRETT CORP</b>		
String type:	Intermediate	Project ID:	43-047-51804
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 9.700 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 4,292 psi  
 Internal gradient: 0.120 psi/ft  
 Calculated BHP: 5,324 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: 7,354 ft

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 194 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 3,007 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 11,180 ft  
 Next mud weight: 9.700 ppg  
 Next setting BHP: 5,634 psi  
 Fracture mud wt: 19.250 ppg  
 Fracture depth: 8,600 ft  
 Injection pressure: 8,600 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	8600	7.625	29.70	P-110	LT&C	8600	8600	6.75	99954
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	4334	5350	1.235	5324	9470	1.78	255.4	769	3.01 J

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

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

Date: October 12, 2011  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 8600 ft, a mud weight of 9.7 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>43047518040000 FD 9-36-6-19cont</b>		
Operator:	<b>BILL BARRETT CORP</b>		
String type:	Production Liner	Project ID:	43-047-51804
Location:	UINTAH COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 9.700 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 3,174 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 5,634 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: 10,771 ft

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 231 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: 8,400 ft

Liner top: 8,400 ft

**Non-directional string.**

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	2780	5.5	17.00	P-110	LT&C	11180	11180	4.767	18311
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	5634	7480	1.328	5634	10640	1.89	47.3	445	9.42 J

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

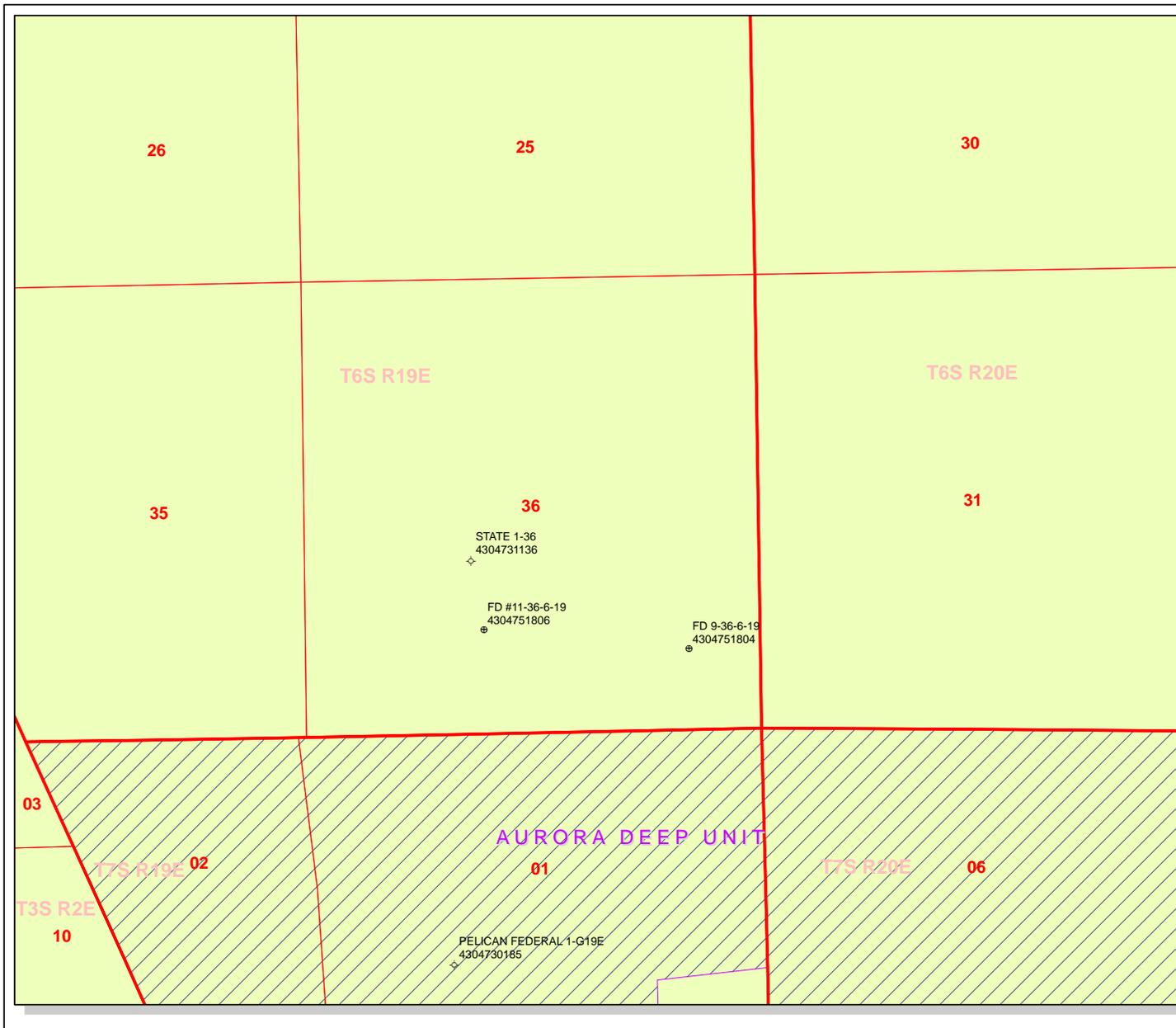
Phone: 801 538-5357  
 FAX: 801-359-3940

Date: October 12, 2011  
 Salt Lake City, Utah

**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 11180 ft, a mud weight of 9.7 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

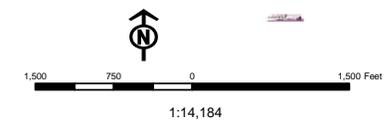
Burst strength is not adjusted for tension.



**API Number: 4304751804**  
**Well Name: FD 9-36-6-19**  
 Township T0.6 . Range R1.9 . Section 36  
**Meridian: SLBM**  
 Operator: BILL BARRETT CORP

Map Prepared:  
 Map Produced by Diana Mason

- | Units STATUS         | Wells Query Status                 |
|----------------------|------------------------------------|
| ACTIVE               | APD - Approved Permit              |
| EXPLORATORY          | DRL - Spudded (Drilling Commenced) |
| GAS STORAGE          | GIW - Gas Injection                |
| NF PP OIL            | GS - Gas Storage                   |
| NF SECONDARY         | LA - Location Abandoned            |
| PI OIL               | LOC - New Location                 |
| PP GAS               | OPS - Operation Suspended          |
| PP GEOTHERMAL        | PA - Plugged Abandoned             |
| PP OIL               | PGW - Producing Gas Well           |
| SECONDARY            | POW - Producing Oil Well           |
| TERMINATED           | RET - Returned APD                 |
| <b>Fields STATUS</b> | SGW - Shut-in Gas Well             |
| Unknown              | SOW - Shut-in Oil Well             |
| ABANDONED            | TA - Temp. Abandoned               |
| ACTIVE               | TW - Test Well                     |
| COMBINED             | WDW - Water Disposal               |
| INACTIVE             | WIW - Water Injection Well         |
| STORAGE              | WSW - Water Supply Well            |
| TERMINATED           |                                    |



# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** BILL BARRETT CORP  
**Well Name** FD 9-36-6-19  
**API Number** 43047518040000      **APD No** 4354      **Field/Unit** WILDCAT  
**Location: 1/4,1/4** NESE      **Sec** 36      **Tw** 6.0S      **Rng** 19.0E      1618      FSL 1019      FEL  
**GPS Coord (UTM)** 608453 4456283      **Surface Owner**

### Participants

Richard Powell (DOGM), Don Hamilton (Starpoint- representing BBC), Ben Williams (DWR), Cody Rich (UELS), Terra Miller (Land Professionals)

### Regional/Local Setting & Topography

This location sits at the south side base of a rocky ridge. The Ouray valley canal is approximately 300 feet south of the site. To the north and east the land is made of small exposed rock ledges and broken hills. Brough reservoir is approximately 1.25 miles to the east but at a higher elevation. Below the location to the south and west the land flattens. Drainage is to the the canal. The location lies about 4 miles directly south of Hwy 40 at point midway between Roosevelt and Vernal.

### Surface Use Plan

#### **Current Surface Use**

Grazing  
Wildlife Habitat

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
1.8	<b>Width</b> 100 <b>Length</b> 225	Onsite	DUCHR

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Pronghorn, coyote, rabbits and other small mammals, song birds, raptors  
Sage, grasses, salt brush, shadscale, rabbit brush

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

Sandy clay loam to sandy soil

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** Y

Minor drainages must be diverted as outlined on survey map

**Berm Required? Y**

Location must be bermed due to close proximity of canal

**Erosion Sedimentation Control Required? N**

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

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

<b>Distance to Groundwater (feet)</b>	100 to 200	5	
<b>Distance to Surface Water (feet)</b>	300 to 1000	2	
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0	
<b>Distance to Other Wells (feet)</b>	>1320	0	
<b>Native Soil Type</b>	High permeability	20	
<b>Fluid Type</b>	Fresh Water	5	
<b>Drill Cuttings</b>	Normal Rock	0	
<b>Annual Precipitation (inches)</b>	10 to 20	5	
<b>Affected Populations</b>			
<b>Presence Nearby Utility Conduits</b>	Not Present	0	
	<b>Final Score</b>	37	1 Sensitivity Level

**Characteristics / Requirements**

The reserve pit will be placed in cut in a stable location. The pit will be 100ft x 225ft x 10ft deep with a total capacity including freeboard of 24,250bbl. Due to very permeable soil and close proximity to irrigation canal a double 20 mill liner will be required for this site.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 20    Pit Underlayment Required? Y**

**Other Observations / Comments**

Richard Powell  
**Evaluator**

8/26/2011  
**Date / Time**

# Application for Permit to Drill Statement of Basis

10/27/2011

## Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
4354	43047518040000	LOCKED	OW	S	No
<b>Operator</b>	BILL BARRETT CORP		<b>Surface Owner-APD</b>		
<b>Well Name</b>	FD 9-36-6-19		<b>Unit</b>		
<b>Field</b>	WILDCAT		<b>Type of Work</b>		DRILL
<b>Location</b>	NESE 36 6S 19E S 1618 FSL 1019 FEL		GPS Coord (UTM)		608450E 4456287N

### Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 3,500 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 2,000'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 36. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect useable sources of underground water.

Brad Hill  
**APD Evaluator**

10/12/2011  
**Date / Time**

### Surface Statement of Basis

This location is on state surface with state minerals. Jim Davis of SITLA was invited but was unable to attend this onsite inspection. Mr. Davis stated that he would visit the site on his own some time during the following two weeks. Mr. Ben Williams of DWR was in attendance but stated that he had no concerns with this site from a wildlife standpoint.

The reserve pit will be placed in cut in a stable location. The pit will be 100ft x 225ft x 10ft deep with a total capacity including freeboard of 24,250bbl. Due to very permeable soil and close proximity to irrigation canal a double 20 mill liner will be required for this site.

Site stability appears good, and erosion does not appear to be a concern, but due to close proximity of the Ouray Park Canal this location must be bermed. This was agreed to by Don Hamilton as representing Bill Barrett Corporation.

Richard Powell  
**Onsite Evaluator**

8/26/2011  
**Date / Time**

### Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A double synthetic liner each with a minimum thickness of 20 mils and an appropriate thickness of felt sub-liner to cushion the liners shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 8/10/2011

**API NO. ASSIGNED:** 43047518040000

**WELL NAME:** FD 9-36-6-19

**OPERATOR:** BILL BARRETT CORP (N2165)

**PHONE NUMBER:** 303 312-8115

**CONTACT:** Brady Riley

**PROPOSED LOCATION:** NESE 36 060S 190E

**Permit Tech Review:**

**SURFACE:** 1618 FSL 1019 FEL

**Engineering Review:**

**BOTTOM:** 1618 FSL 1019 FEL

**Geology Review:**

**COUNTY:** UINTAH

**LATITUDE:** 40.25002

**LONGITUDE:** -109.72485

**UTM SURF EASTINGS:** 608450.00

**NORTHINGS:** 4456287.00

**FIELD NAME:** WILDCAT

**LEASE TYPE:** 3 - State

**LEASE NUMBER:** ML 50801

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

**SURFACE OWNER:** 3 - State

**COALBED METHANE:** NO

**RECEIVED AND/OR REVIEWED:**

- PLAT
- Bond: STATE - LPM4138148
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: Green River
- RDCC Review: 2011-10-25 00:00:00.0
- Fee Surface Agreement
- Intent to Commingle

**Commingling Approved**

**LOCATION AND SITING:**

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

**Comments:** Presite Completed

**Stipulations:**  
 1 - Exception Location - dmason  
 5 - Statement of Basis - bhll  
 21 - RDCC - dmason  
 23 - Spacing - 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 9-36-6-19  
**API Well Number:** 43047518040000  
**Lease Number:** ML 50801  
**Surface Owner:** STATE  
**Approval Date:** 10/27/2011

**Issued to:**

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. 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

**Exception Location:**

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

**General:**

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

**Conditions of Approval:**

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

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

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

**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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> FD 9-36-6-19
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43047518040000
<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> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/15/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<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 checked="" 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: 50px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, completion into two or more pools, BBC is submitting this sundry to request commingling approval for the Green River and Wasatch formations. Oil and associated gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached.</p>		
		<p><b>Approved by the Utah Division of Oil, Gas and Mining</b></p> <p>Date: <u>11/23/2011</u> By: <u><i>Dark K. Quist</i></u></p>
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/28/2011



October 28, 2011

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

RE:Sundry Notices  
Fort Duchesne Unit  
FD 9-36-6-19  
NESE, Section 36 T6S R19E  
Uintah County,UT

Dear Mr. Doucet,

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

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

*Venusia Gangmacker  
for*

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 Sundry Notices to commingle production from the Wasatch and Green River formations in the following well within the Fort Duchesne Field:

FD 9-36-6-19 Well          NESE          36 T6S-R19E

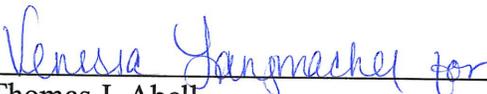
In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessors

Utah Trust Lands  
Sara Muirhead  
Marcia Ellis  
Barbara McMeen

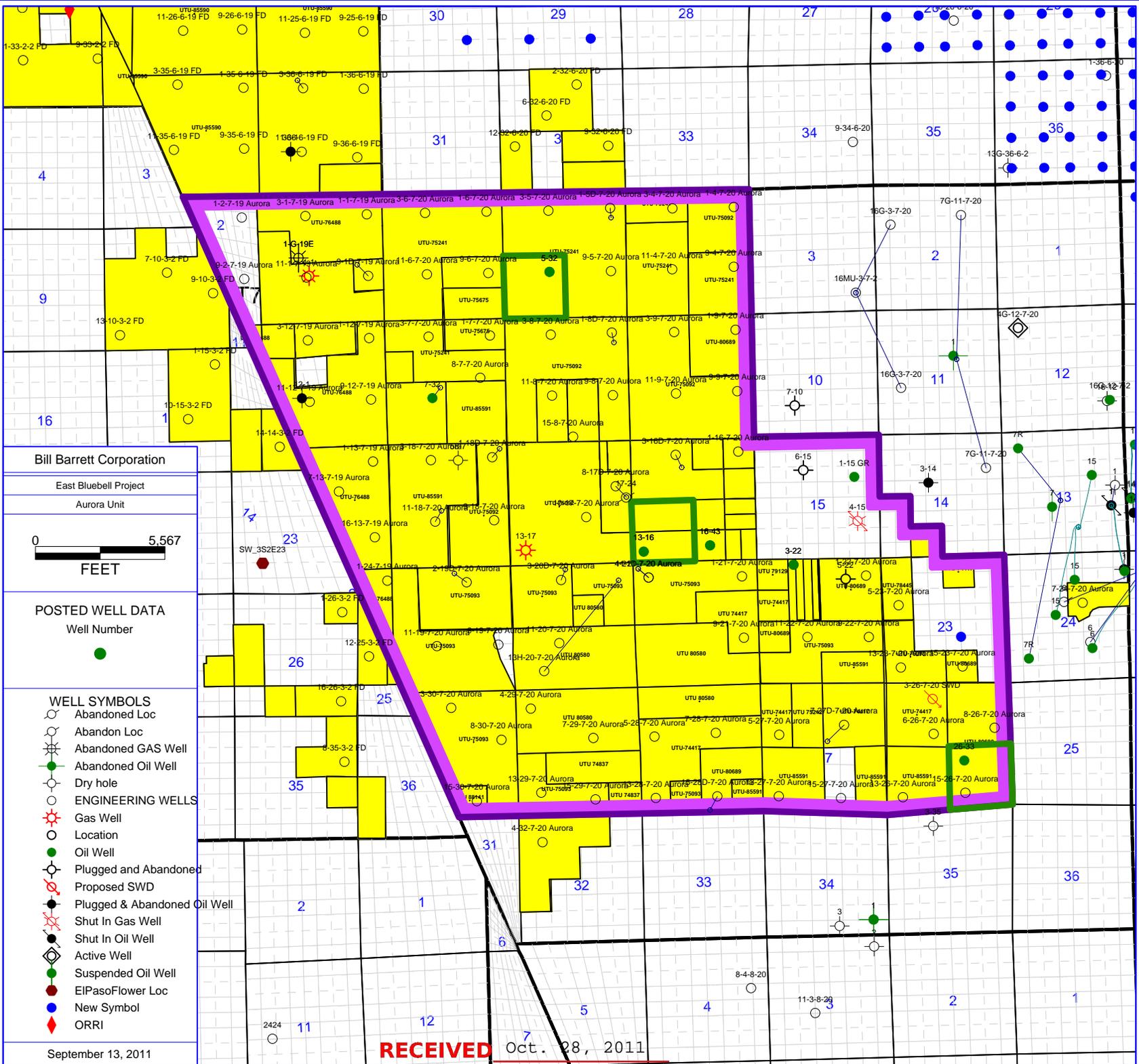
Date: October 28, 2011

Affiant

  
\_\_\_\_\_  
Thomas J. Abell  
Landman

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

**RECEIVED** Oct. 28, 2011



Bill Barrett Corporation  
 East Bluebell Project  
 Aurora Unit



POSTED WELL DATA

Well Number
●

- WELL SYMBOLS
- Abandoned Loc
  - Abandon Loc
  - ⊗ Abandoned GAS Well
  - Abandoned Oil Well
  - Dry hole
  - ENGINEERING WELLS
  - ⊗ Gas Well
  - Location
  - Oil Well
  - ⊗ Plugged and Abandoned
  - Proposed SWD
  - Plugged & Abandoned Oil Well
  - ⊗ Shut In Gas Well
  - Shut In Oil Well
  - ⊗ Active Well
  - Suspended Oil Well
  - ElPasoFlower Loc
  - New Symbol
  - ◆ ORRI

September 13, 2011

RECEIVED Oct. 28, 2011



October 28, 2011

Sarah Muirhead  
301 43rd St.  
Port Townsend, WA 98368

RE: Sundry Notices  
FD 9-36-6-19  
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the Sundry Notice 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

*Venesia Sangmacker*  
*for*  
Thomas J. Abell  
Landman



October 28, 2011

Marcia Ellis  
3909 NE Liberty Ter  
Portland, OR 97211

RE: Sundry Notices  
FD 9-36-6-19  
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the Sundry Notice 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 'Veneva Langmackel' with a small 'for' written below it.

Thomas J. Abell  
Landman



October 28, 2011

Utah Trust Lands  
675 East 500 South, Suite 500  
Salt Lake City, Utah 84102

RE: Sundry Notices  
FD 9-36-6-19  
Uintah County, UT

Dear Sir or Madam,

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

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BILL BARRETT CORPORATION

  
Thomas J. Abell  
Landman



October 28, 2011

Barbara McMeen  
1725 Stardust  
Reno, NV 89503

RE: Sundry Notices  
FD 9-36-6-19  
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the Sundry Notice 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 Gargmacker'. The signature is written in a cursive style.

Thomas J. Abell  
Landman

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801			
<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>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 9-36-6-19			
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43047518040000			
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/21/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <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         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION           OTHER: <input type="text" value="Confirm Casing"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="Confirm Casing"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The casing program for this well that was listed on the APD Form 3 was wrong. We would like to confirm the casing program that will be used for this well (as stated in the previously approved drilling program). The correct casing size is: 14-3/4" Hole Size, 10-3/4" Casing Size.					
		<b>Approved by the          Utah Division of          Oil, Gas and Mining</b>  <b>Date:</b> 11/23/2011 <b>By:</b> <u><i>Derek Duff</i></u>			
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher		<b>PHONE NUMBER</b> 303 312-8172			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Senior Permit Analyst  <b>DATE</b> 11/3/2011			

<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>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801
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>
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<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43047518040000	
<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> WILDCAT
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		<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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/12/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
BBC hereby requests this well be held in confidential status.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/12/2011	

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		<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 type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 1/6/2012	<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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This well was spud by Triple A Drilling on 01/06/2012 at 8:00 am.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
January 10, 2012**

<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/10/2012	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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		<b>STATE:</b> UTAH

11.

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 12/19/2011	<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
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	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This sundry is being submitted to notify that this well was spud by setting conductor on 12/19/2011 by Triple A Drilling at 8:00 am. The big rig spud date was on 01/06/2012 and surface casing was set on 01/10/2012.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
January 11, 2012**

<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/10/2012	

CONFIDENTIAL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# H&P 319  
Submitted By JET LORENZEN Phone Number 970-623-7078  
Well Name/Number FD 9-36-6-19  
Qtr/Qtr NE/SW Section 36 Township 6S Range 19W E  
Lease Serial Number ML-50801  
API Number 43-047-51804

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

Date/Time \_\_\_\_\_ AM  PM

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

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

RECEIVED

JAN 09 2012

DIV. OF OIL, GAS & MINING

Date/Time 01/10/2012 06:00 AM  PM

BOPE

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

Date/Time 01/10/2012 22:00 AM  PM

Remarks \_\_\_\_\_  
\_\_\_\_\_

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

FORM 6

**ENTITY ACTION FORM**

Operator: Bill Barrett Corporation Operator Account Number: N 2165  
 Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202 Phone Number: (303) 312-8172

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304751804	FD 9-36-6-19		NESE	36	6S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	18365	12/19/2011			1/18/2012	
Comments: <u>GR-WS</u> Spudding Operation was conducted by Triple A Drilling @ 8:00 am.							<b>CONFIDENTIAL</b>

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

Title

1/10/2012

Date

**RECEIVED**

**JAN 10 2012**

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Print Form

BLM - Vernal Field Office - Notification Form

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 Submitted By JET LORENZEN Phone Number 970-623-7078  
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 Qtr/Qtr NE/NE Section 36 Township 6S Range 19W E  
 Lease Serial Number ML-50801  
 API Number 43-047-51804

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Date/Time \_\_\_\_\_ AM  PM

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

**RECEIVED**  
**JAN 26 2012**  
 DIV. OF OIL, GAS & MINING

Date/Time 01/26/2012 06:00 AM  PM

BOPE

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

Date/Time \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801	
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		<b>STATE:</b> 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: 2/1/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: Pipeline
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>Approximately 2895 feet of pipeline corridor (see Topo D) containing up to three lines (one gas pipeline up to 8 inch in diameter, one water line up to 4 inch in diameter and one residue line up to 4 inch in diameter) is proposed trending westerly to the FD 11-36-6-19 pipeline corridor. Pipelines would be constructed of steel, polyethylene or fiberglass and would connect to the proposed pipeline servicing nearby BBC wells. The pipeline crosses entirely State of Utah surface, on lease within Section 36, T6S-R19E. The new segment of gas pipeline will be buried within a 30 foot wide pipeline corridor adjacent to the proposed access road. Construction of the ROW would temporarily utilize the 30 foot disturbed width for the road for a total disturbed width of 60 foot for the road and pipeline corridors.</p>			
<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 02, 2012</b></p>			
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/18/2012	



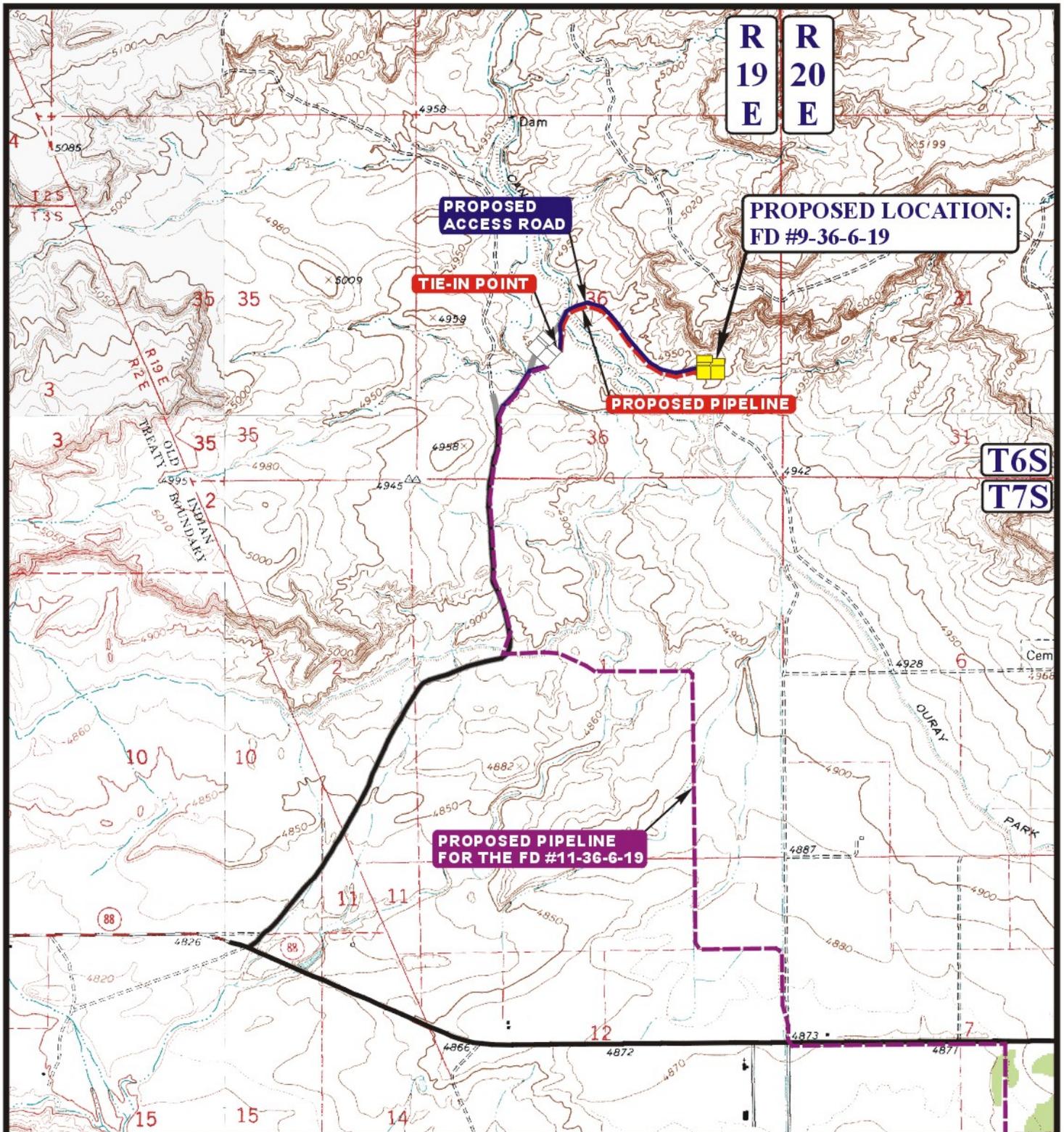
**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047518040000**

**Approval should be gained from surface management agencies involved.**



**APPROXIMATE TOTAL PIPELINE DISTANCE = 2,895' +/-**

**LEGEND:**

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

**BILL BARRETT CORPORATION**

**FD #9-36-6-19**  
**SECTION 36, T6S, R19E, S.L.B.&M.**  
**1618' FSL 1019' FEL**

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



**TOPOGRAPHIC MAP** **11 09 11**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: S.F. REVISED: 01-10-12 **D TOPO**

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> ML 50801	
		<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> ELK PRODUCTION UINTAH, LLC		<b>8. WELL NAME and NUMBER:</b> FD 9-36-6-19	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047518040000	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT	
		<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: 1/31/2012	<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.			
January 2012 Monthly Drilling Report attached.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 07, 2012</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> 2/6/2012	

**FD 9-36-6-19 1/2/2012 06:00 - 1/3/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	13.00	19:00	1	RIGUP & TEARDOWN	RIG DN, PULL ALL WIRES. LOWER DERRICK @ 4:30 PM

**FD 9-36-6-19 1/3/2012 06:00 - 1/4/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	MOVE BACK YARK ANSET SAME. MOVE DOG HOOUSE AND TOP OF DERRICK. SECOUND CRANE BROKE DOWN ON WAY TO LOC. COULD NOT MOVE A LEGS OR SUB. ANOTHER CRANE ON WAY FROM GJ. COLO.

**FD 9-36-6-19 1/4/2012 06:00 - 1/5/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RIG DN SUB MOVE AND RESTACK SUB. CRANE FROM GJ. GOT RIGGED UP AT 10:30 AM. WILL GET DERRICK ON FLOOR TODAY.

**FD 9-36-6-19 1/5/2012 06:00 - 1/6/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	20.00	02:00	1	RIGUP & TEARDOWN	RIG UP, RAISE DERRICK @ 11:45 AM. RELEASE TRUCK @ 14:00 HRS.
02:00	2.50	04:30	14	NIPPLE UP B.O.P	NIPPLE UP COND. AND FLOW LINE
04:30	1.50	06:00	20	DIRECTIONAL WORK	P/U BHA. ST-80 WILL ONLY TORQUE TO 27,00 FT/LB HAVE TO USE TONGS TO TORQUE 8" TOOLS.

**FD 9-36-6-19 1/6/2012 06:00 - 1/7/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	20	DIRECTIONAL WORK	PICK UP BHA, MWD HAD TO SWITCH PROBS BROUGHT THE WRONG ONE TO FLOOR.
08:00	6.00	14:00	2	DRILL ACTUAL	DRLG 14 3/4" SURFACE HOLE F/ 104' TO 485' (381' IN 6 HR = 63.5 FPH) SLIDE: 10' IN .5 HR = 20 FPH, ROTATE : 371' IN 5.5 HR = 67.5 FPH MM 8" SPERRY DRILL 4/5 LOBE 5.3 STAGE .26 GPR 1.5 ADJUSTABLE BEND 6.80' BTB.
14:00	0.50	14:30	7	LUBRICATE RIG	RIG SEVICE WO ON GRABER DIES.
14:30	3.30	17:48	2	DRILL ACTUAL	DRLG F/ 485' TO 691' (206' IN 3.5 HR = 58.9 FPH) SLIDE: 20' IN 1 HR = 20 FPH, ROTATE:186' IN 2.5 HR = 74.4 FPH.
17:48	4.50	22:18	2	DRILL ACTUAL	DRLG SF/ 691' TO 928' (237' IN 4.5 HR = 52.7 FPH) ROTATING.
22:18	3.50	01:48	6	TRIPS	TRIP F/ BIT
01:48	4.00	05:48	2	DRILL ACTUAL	DRLG F/ 928' TO 1193' (265' IN 4 HR = 66.3 FPH) ROTATING

**FD 9-36-6-19 1/7/2012 06:00 - 1/8/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.75	12:45	2	DRILL ACTUAL	DRLG F/ 1193' TO 1635' (442' IN 6.75 HR = 65.5 FPH) SLIDE: 42' IN 1.75 HR = 24 FPH, ROTATE: 400' IN 5 HR = 80 FPH. MM 8" SPERRY DRILL 4/5 LOBE 5.3 STAGE .26 GPR 1.5 ADJUSTABLE BEND 6.80' BTB.
12:45	0.75	13:30	21	OPEN	X/O SWAB ON PUMP #2.
13:30	15.50	05:00	2	DRILL ACTUAL	DRLG F/ 1636 TO 2248" (612' IN 15.5 HR = 39.5 FPH) SLIDE 100' IN 3.5 HR = 28.6 FPH, ROTATE: 512' IN 12 HR = 42.7 FPH.
05:00	1.00	06:00	6	TRIPS	TOOH F/ BIT AND MM.

**FD 9-36-6-19 1/8/2012 06:00 - 1/9/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.75	09:45	6	TRIPS	TOOH F/ BIT, TIH
09:45	0.50	10:15	3	REAMING	WASH 250' TO BOTTOM
10:15	5.25	15:30	2	DRILL ACTUAL	DRLG F/ 2248' TO 2479' ( 231' IN 5.25 HR = 44 FPH) SLIDE: 45' IN 1.75 HR = 25.7 FPH, ROTATE: 186' IN 3.5 HR = 53.1 FPH. MM 8" SPERRY DRILL 4/5 LOBE 5.3 STAGE .26 GPR 1.5 ADJUSTABLE BEND 6.80' BTB.
15:30	0.50	16:00	7	LUBRICATE RIG	RIG SERVICE
16:00	14.00	06:00	2	DRILL ACTUAL	DRLG F/ 2479' TO 3054' (575' IN 14 HR = 41.1 FPH) SLIDE: 30' IN 1.5 HR = 20 FPH. ROTATE: 545' IN 12.5 HR = 43.6 FPH.

**FD 9-36-6-19 1/9/2012 06:00 - 1/10/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.75	08:45	2	DRILL ACTUAL	DRLG F/ 3054 TO 3130' (76' IN 2.75 HR = 27.6 FPH). SLIDE: 15' IN .5 HR 30 FPH, ROTATE:61' IN 2.25 HR = 27.1 FPH. MM 8" SPERRY DRILL 4/5 LOBE 5.3 STAGE .26 GPR 1.5 ADJUSTABLE BEND 6.80' BTB
08:45	4.50	13:15	6	TRIPS	TOOH F/ MM AND BIT.
13:15	0.75	14:00	3	REAMING	WASH AND REAM F/ 180' TO BOTTOM
14:00	2.00	16:00	2	DRILL ACTUAL	DRLG F/ 3130' TO 3227' (97' IN 2 HR = 48.5 FPH) SLIDE: 10' IN 1 HR = 10 FPH, ROTATE:87' IN 1 HR = 87 FPH. MM 8" SPERRY DRILL 7/8 LOBE 3 STAGE .16 GPR 1.5 DEGREE ADJUSTABLE 6.84' BTB.
16:00	0.50	16:30	7	LUBRICATE RIG	RIG SERVICE
16:30	4.00	20:30	2	DRILL ACTUAL	DRLG F/ 3227' TO 3520' (293' IN 4 HR = 73.25 FPH) ROTATING
20:30	0.75	21:15	5	COND MUD & CIRC	CIRC. BOTTOMS UP
21:15	1.50	22:45	6	TRIPS	SHORT TRIP 19 STDS
22:45	0.75	23:30	5	COND MUD & CIRC	CIRC. SWEEP
23:30	0.50	00:00	6	TRIPS	START TRIP TIGHT HOLE
00:00	2.00	02:00	5	COND MUD & CIRC	CIRC. RAISE VIS TO 70
02:00	3.50	05:30	6	TRIPS	TOOH, L/D SHOCK SUB REAMERS AND MWD TOOL.
05:30	0.50	06:00	12	RUN CASING & CEMENT	HSM RIG UP WEATHERFORD CASING

**FD 9-36-6-19 1/10/2012 06:00 - 1/11/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.25	12:15	12	RUN CASING & CEMENT	RUN CASING, FC (1.85'), SHOE JT (45.18'), FC (1.67'), 78 JTS 10 3/4" 45.5# J55 BTC CASING (3469.20'). LANDED @3514'
12:15	0.75	13:00	5	COND MUD & CIRC	CIRC.
13:00	4.00	17:00	12	RUN CASING & CEMENT	HSM RIG UP HES, AND CEMENT 20 BLS H2O, 40 BLS SUPERFLUSH, 20 BLS H2O, 1060 SKS HCL PREMIUM 11# 3.16 YEILD W/ 5 LB SILACATE, .125 LB POLY-E-FLAKE, .25 LB KWIK SEAL, TAILED W/ 410 SKS PREMIUM PLUS 14.8# 1.33 YEILD W/ .125 LB POLY-E-FLAKE, DISPLACED W/ 33BLS H2O, PLUG LANDED. FLOATS HELD. GOT 280 BLS CEMENT TO SURFACE. GOOD RETURNS. CEMENT FELL 3' IN 30 MINS.
17:00	0.50	17:30	15	TEST B.O.P	TEST CASING TO 1500# F/ 30 MINS.
17:30	4.00	21:30	13	WAIT ON CEMENT	WOC.
21:30	0.50	22:00	7	LUBRICATE RIG	RIG SERVICE
22:00	4.50	02:30	14	NIPPLE UP B.O.P	CUT OFF WELD ON WELL HEAD. TEST TO 1000# F/ 10 MINS.
02:30	2.00	04:30	14	NIPPLE UP B.O.P	NIPPLE UP BOPS.
04:30	1.50	06:00	15	TEST B.O.P	TEST BOPS, TEST ALL RAMS AND VALVES TO 5000# F/ 10 MINS, TEST ANNULAR TO 2500# F/ 10 MINS.

**FD 9-36-6-19 1/11/2012 06:00 - 1/12/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	15	TEST B.O.P	FINISH TESTING BOP & INSTALL WEAR BUSHING.
08:30	5.00	13:30	6	TRIPS	LAY DOWN MOTOR STOOD BACK & PICK UP NEW MOTOR, BIT & SPERRY TOOLS. SCRIBE MWD TO MOTOR BEND. RIH. FILL STRING AT 1200' & 3450'. TAG UP @ 3452'.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
13:30	0.50	14:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
14:00	1.75	15:45	3	REAMING	DRILL PLUG, FLOAT COLLAR & SHOE TRACK & DRILL 3520-3530'.. CIRCULATE 10 MIN.
15:45	0.25	16:00	22	OPEN	PERFORMED FIT TO 11 PPG EMW. 475 PSI SURFACE PRESSURE OVER 8.4 PPG MUD.
16:00	6.50	22:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 3530-3859'.
22:30	0.50	23:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 3859-3871'.
23:00	6.75	05:45	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 3871-4298'. DRILLING W/ONE PUMP FROM 04:30 HRS, 4274'.
05:45	0.25	06:00	6	TRIPS	LAY DOWN DAMAGED JOINT DP & PICK UP ANOTHER JT.

**FD 9-36-6-19 1/12/2012 06:00 - 1/13/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4298-4518'. DRILL W/ONE PUMP TO 10:30 HRS, 4393'.
14:00	0.50	14:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
14:30	0.25	14:45	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4518-4530'.
14:45	10.00	00:45	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4530-4800'.
00:45	0.75	01:30	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 4800-4810'.
01:30	4.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4810-4830'.

**FD 9-36-6-19 1/13/2012 06:00 - 1/14/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 4830-5084'.
12:00	0.75	12:45	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 5084-5094'.
12:45	3.25	16:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 5094-5178'.
16:00	0.50	16:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
16:30	6.50	23:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 5178-5366'.
23:00	0.25	23:15	20	DIRECTIONAL WORK	LOST COMMS W/MWD. CHANGED CHANNELS.
23:15	0.50	23:45	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 5366-5376'.
23:45	6.25	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 5376-5555'.

**FD 9-36-6-19 1/14/2012 06:00 - 1/15/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 5555-5565'.
06:30	3.50	10:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 5565-5656'.
10:00	0.50	10:30	20	DIRECTIONAL WORK	LOST COMMS TO MWD. ATTEMPT TO RECOVER W/O SUCCESS.
10:30	3.75	14:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 5656-5744'.
14:15	1.75	16:00	20	DIRECTIONAL WORK	STILL NO COMMS TO MWD. MIX SLUG.
16:00	0.75	16:45	5	COND MUD & CIRC	PUMP SLUG, BLOW DOWN TOP DRIVE. POH TO 5367'.
16:45	1.00	17:45	20	DIRECTIONAL WORK	ATTEMPT TO SURVEY W/O SUCCESS.
17:45	2.00	19:45	6	TRIPS	POH TO INVESTIGATE MWD PROBLEM & NEW BIT #6. PULL ROTATING RUBBER.
19:45	1.25	21:00	6	TRIPS	CHANGE OUT MWD PROBE, BREAK OFF BIT & MAKE UP NEW BIT #6. BIT COND: 1-4-BT-S-X-I-WT-DTF.
21:00	3.00	00:00	6	TRIPS	RIH. INSTALL ROTATING RUBBER. FILL STRING @ SHOE & CHECK MWD.
00:00	0.50	00:30	3	REAMING	MAKE UP TOP DRIVE & PRECAUTIONARY WASH 80' TO TD.
00:30	0.25	00:45	20	DIRECTIONAL WORK	TAKE CHECK SURVEY.
00:45	5.25	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 5744-5932'.  NO PROBLEM FOUND W/OLD MWD PROBE. MWD SIGNAL STILL WEAK, BUT GETTING STRONGER.

**FD 9-36-6-19 1/15/2012 06:00 - 1/16/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 5930-6026'.
09:00	1.00	10:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 6026-6038'.
10:00	6.00	16:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6038-6215'.
16:00	0.50	16:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
16:30	2.75	19:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6215-6308'.
19:15	0.75	20:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 6308-6320'.
20:00	2.75	22:45	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6320'6403'.
22:45	1.00	23:45	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 6403-6413'.
23:45	6.25	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6413-6530'. DRILLED W/ONE PUMP 6414-6439'.

**FD 9-36-6-19 1/16/2012 06:00 - 1/17/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.25	09:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6530-6592'. DRILL W/ONE PUMP 6538-6567'. LOST ONE ENGINE DUE TO ELECTRICAL PROBLEM WHICH LIMITS PUMP PRESSURE/RATE. PLAN TO REPAIR ON NEXT BIT TRIP AS IT REQUIRES A COMPLETE ELECTRICAL SHUT DOWN.
09:15	1.75	11:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 6592-6602'.
11:00	5.00	16:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6602-6780'. DRILL W/ONE PUMP 6776-6800'.
16:00	0.50	16:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
16:30	3.75	20:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6780-6878'.
20:15	1.25	21:30	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 6878-6888'.
21:30	8.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 6888-7105'. DRILLED W/ONE PUMP 6980-7062'.  RUNNING ON 2 ENGINES. PUMP STROKES LIMITED.

**FD 9-36-6-19 1/17/2012 06:00 - 1/18/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7105-7157'. ROP 34.7 FPH.  RUNNING ON 2 ENGINES. PUMP STROKES LIMITED.
07:30	1.50	09:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 7157-7169'. ROP 8 FPH.
09:00	5.50	14:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7169-7374'.37.3 FPH.
14:30	0.50	15:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
15:00	0.25	15:15	8	REPAIR RIG	RIG REPAIR. REPLACE AIR FILTERS ON COMPRESSORS.
15:15	1.50	16:45	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7374-7439'. ROP 43.3 FPH.
16:45	0.75	17:30	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 7439-7449'. ROP 13.3 FPH.
17:30	5.00	22:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7449-7626'. ROP 35.4 FPH.
22:30	1.00	23:30	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 7626-7641'. ROP 15 FPH.
23:30	3.50	03:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7641-7722'. ROP 23.1 FPH.
03:00	1.25	04:15	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 7722-7727'. ROP 4 FPH.
04:15	1.75	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7727-7773'. ROP 26.3 FPH.  STILL RUNNING ON 2 ENGINES. PUMP STROKED LIMITED.

**FD 9-36-6-19 1/18/2012 06:00 - 1/19/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7773-7816'. ROP 17.2 FPH. OBSERVING HIGH DRILLING TORQUE (>17000 FT/LB). CONTROLLING W/ROP LIMITS.  RUNNING ON 2 ENGINES. PUMP STROKES LIMITED.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	1.50	10:00	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 7816-7858'. ROP 8 FPH.
10:00	8.00	18:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 7828-8004'. ROP 22 FPH.
18:00	0.75	18:45	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 8004-8017'. ROP 17.3 FPH.
18:45	1.50	20:15	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 8017-8037'. ROP 13.3 FPH.
20:15	0.50	20:45	5	COND MUD & CIRC	CIRCULATE & MIX SLUG.
20:45	3.75	00:30	6	TRIPS	POH FOR NEW BIT #7 & MOTOR.
00:30	0.75	01:15	20	DIRECTIONAL WORK	CHECK MWD.
01:15	0.50	01:45	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
01:45	1.00	02:45	6	TRIPS	PICK UP NEW MOTOR & NEW BIT #7.
02:45	2.25	05:00	6	TRIPS	INSTALL ROTATING RUBBER, RIH TO SHOE & CLOSE PIPE RAMS.
05:00	0.50	05:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
05:30	0.50	06:00	8	REPAIR RIG	POWER DOWN RIG & START REPAIR ON VFD BUSS.

**FD 9-36-6-19 1/19/2012 06:00 - 1/20/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.75	07:45	8	REPAIR RIG	FINISH REPAIR ON VFD BUSS. TEST POWER. CHECK FOR PRESSURE & OPEN PIPE RAMS.
07:45	2.50	10:15	6	TRIPS	RIH TO 7970'. FILLED STRING @ 5950'. ENCOUNTERED TIGHT SPOTS @ 6620-6700' & 6915-7004'. MADE UP TOP DRIVE & WASH/REAM THRU. LAST BIT HAD VERY SHORT (1") GAUGE & WAS 1/16" UNDERGAUGE. BIT #7 HAS 7" GAUGE.
10:15	4.75	15:00	3	REAMING	WASH/REAM 7100 TO TD ENCOUNTERING OCCASIONAL TIGHT SPOTS.
15:00	6.50	21:30	2	DRILL ACTUAL	BREAK IN BIT & ROTATE DRILL 9 7/8 HOLE 8037-8188'. ROP 23.2 FPH.
21:30	1.25	22:45	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 8188-8203'. ROP 12 FPH.
22:45	7.25	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 8203-8357'. ROP 21.2 FPH.

**FD 9-36-6-19 1/20/2012 06:00 - 1/21/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	15.75	21:45	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 8357-8661'. ROP 19.3 FPH. DRILL W/ONE PUMP 8400-8425'.
21:45	0.50	22:15	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
22:15	1.25	23:30	2	DRILL ACTUAL	SLIDE DRILL 9 7/8 HOLE 8661-8676'. ROP 12 FPH.
23:30	6.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 8676-8805'. ROP 19.8 FPH. FORMATION 80%+ HARD, WELL CEMENTED SAND.

**FD 9-36-6-19 1/21/2012 06:00 - 1/22/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.50	12:30	2	DRILL ACTUAL	ROTATE DRILL 9 7/8 HOLE 8805-8932'. ROP 19.5 FPH. PUMP SLUG.
12:30	6.25	18:45	6	TRIPS	PUMP SLUG & POH FOR 8 3/4 NEW BIT #8. PULL ROTATING RUBBER.
18:45	2.25	21:00	6	TRIPS	LAY DOWN 8" BHA & BREAK OFF BIT. CONDITION: 2-3-RO-M-X-I-BT-PR.
21:00	3.25	00:15	6	TRIPS	PICK UP 6 1/2" BHA & 8 3/4 BIT. CLEAN RIG FLOOR.
00:15	1.75	02:00	6	TRIPS	INSTALL ROTATING RUBBER & RIH TO SHOE. FILL STRING & TEST MOTOR/MWD.
02:00	1.00	03:00	9	CUT OFF DRILL LINE	SLIP/CUT 62' DRILLING LINE.
03:00	0.50	03:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
03:30	1.25	04:45	6	TRIPS	RIH TO 7600'. TAGGED BRIDGE.
04:45	0.50	05:15	3	REAMING	MAKE UP TOP DRIVE & WASH/REAM 7556-7646'.
05:15	0.75	06:00	6	TRIPS	CONTINUE TO RIH TO 8869' & MAKE UP TOP DRIVE.

**FD 9-36-6-19 1/22/2012 06:00 - 1/23/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	3	REAMING	WASH/REAM 8870-TD.
06:30	1.50	08:00	2	DRILL ACTUAL	BREAK IN BIT & DRILL 8 3/4 HOLE 8932-8963'. ROP 40.7 FPH.
08:00	0.50	08:30	20	DIRECTIONAL WORK	ESTABLISH COMMS W/MWD & SURVEY.
08:30	8.50	17:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8963-9245'. ROP 33.2 FPH.
17:00	0.50	17:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 9245-9255'. ROP 20 FPH.
17:30	12.00	05:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9255-9603'. ROP 29 FPH. DRILL W/ONE PUMP 9435-9603'.
05:30	0.50	06:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.

**FD 9-36-6-19 1/23/2012 06:00 - 1/24/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9603-9717'. ROP 32.6 FPH.
09:30	1.50	11:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 9717-9727'. ROP 6.7 FPH.
11:00	10.25	21:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9727-9998'. ROP 26.4 FPH.
21:15	1.00	22:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 9998-10010'. ROP 12 FPH.
22:15	2.25	00:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 10010-10094'. ROP 37.3 FPH.
00:30	0.50	01:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
01:00	1.00	02:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 10094-10106'. ROP 12 FPH.
02:00	3.00	05:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 10106-10190'. ROP 28 FPH.
05:00	1.00	06:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 10190-10200'. ROP 10 FPH.

**FD 9-36-6-19 1/24/2012 06:00 - 1/25/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 10200-10209'. ROP 9 FPH.
07:00	14.50	21:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 10209-10565'. ROP 24.6 FPH.
21:30	0.50	22:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
22:00	5.25	03:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 10565-10730'. ROP 31.4 FPH.
03:15	1.50	04:45	5	COND MUD & CIRC	PUMP 25 BBL HAVIS/LCM SWEEP & CIRCULATE SAMPLES CHECKING FOR TD. OBSERVED GOOD GAS/OIL SHOW.  COMMENCED INCREASING MW FROM 9.45-9.7 PPG, GAS NOT DROPPING OUT, MAINTAINING -500 U BG GAS.
04:45	1.25	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 10730-10775'. ROP 36 FPH. INCREASING MW TO 9.7 PPG, BGG DOWN TO 270 U.

**FD 9-36-6-19 1/25/2012 06:00 - 1/26/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.25	08:15	2	DRILL ACTUAL	DRLF F/ 10775 TO 10848' @ 29.2 FPH. ROTATING
08:15	0.50	08:45	7	LUBRICATE RIG	RIG SERVICE
08:45	11.25	20:00	2	DRILL ACTUAL	DRLG F/ 10848' TO 11205' 31.7 FPH.
20:00	1.00	21:00	5	COND MUD & CIRC	CIRC. LCM SWEEP
21:00	2.00	23:00	6	TRIPS	SHORT TRIP 10 STDS. TIGHT @ 10300' REAM OUT TIH
23:00	1.25	00:15	5	COND MUD & CIRC	CIRC. LCM SWEEP RAISE VIS TO 50.
00:15	5.75	06:00	6	TRIPS	TOOH F/ LOGGS

**FD 9-36-6-19 1/26/2012 06:00 - 1/27/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.50	13:30	11	WIRELINE LOGS	HSM, RIG UP HES, LOG W/ QUAD COMBO, LOGGERS TAGED @ 11,190. RIG DOWN LOGGERS
13:30	0.50	14:00	14	NIPPLE UP B.O.P	PULL WEAR BUSHING

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
14:00	4.50	18:30	6	TRIPS	TIH FILL PIPE @ 6000'
18:30	2.00	20:30	5	COND MUD & CIRC	CIRC BOTTOMS UP
20:30	9.50	06:00	6	TRIPS	LDDP

**FD 9-36-6-19 1/27/2012 06:00 - 1/28/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	10.50	16:30	12	RUN CASING & CEMENT	HSM, RIG UP KIMZEY CASING AND RUN CASING. FS (1.50), SHOE JT (44.06), FC (1.42) 45 JTS 5 1/2" P-110 17# LT&C CASING (1883.07), MARKER JT (20.67), 20 JTS (873.13), MARKER JT (20.47), 38 JTS (1664.41), MARKER JT (19.06), 151 JTS (6608.27). LANDED @ 11202' MADE UP W/ BESTOLIFE DOPE TO 4620 FT/LB.
16:30	1.00	17:30	5	COND MUD & CIRC	CIRC W/ RIG PUMP
17:30	6.00	23:30	12	RUN CASING & CEMENT	HSM, SWAP TO HES AND CEMENT. 10 BLS H2O, 40 BLS SUPERFLUSH, 10 BL H2O, 1480 SKS TUNED LIGHT 11# 2.33 YEILD W/ 5 LB SILACATE, 10 BL SCOTCH LITE, .35 LB HALAD-344, .5 LB D AIR, 1.1 LB HR-5, 5 LB BENTONITE, .312 LB ECONOLITE, .125 LB POLY-E-FLAKE, 1 LB GRANULITE. TAILED W/ 865 SKS ECONOCHEM 13.5# 1.42 YEILD, W/ 2% BENTONITE, 3% POTASSIUM CHLORIDE, .75% HALAD-322, .2% FWCA, .3% SUPER CBL, .125 LB POLY-E-FLAKE, 1 LB GRANULITE. DISPLACED W/ 259 BLS H2O W/ CAY-WEB AND ALGACIDE. BUMP PLUG FLOATS HELD. GOT 49 BLS CEMENT TO SURFACE.
23:30	6.50	06:00	14	NIPPLE UP B.O.P	NIPPLE DN SET SLIPS W/ 205 K. CLEAN MUD TANKS. RIG RELEASE 06:00 1/28/12.

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> ML 50801	
		<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 9-36-6-19	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047518040000	
<b>PHONE NUMBER:</b> 303 312-8164 Ext		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<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: 2/1/2012	<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.			
February 2012 monthly drilling activity report attached.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2012</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> 3/5/2012	

**FD 9-36-6-19 2/1/2012 06:00 - 2/2/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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	LOCL	Lock Wellhead & Secure	Wellhead shut in and secured, construction crews started on production facilities.

**FD 9-36-6-19 2/12/2012 06:00 - 2/13/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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	LOCL	Lock Wellhead & Secure	Well shut in and secured, set flow back and storage tanks. No construction activity today

**FD 9-36-6-19 2/13/2012 06:00 - 2/14/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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	LOCL	Lock Wellhead & Secure	Well head shut in and secured, Built containment berms around flow and storage tanks. Construction crews continued to work on production facilities.

**FD 9-36-6-19 2/19/2012 06:00 - 2/20/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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	Prod. Crew Working On Facilities. Start Spotting Frac Line

**FD 9-36-6-19 2/20/2012 06:00 - 2/21/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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 Fall Protection On Frac Line Begin Filling Frac Line Prod. Crews Working On Facilities Ground FlowBack Tanks

**FD 9-36-6-19 2/21/2012 06:00 - 2/22/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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 And Frac Tree Tested Casing And Tree Plumbed In FlowBack, Tested FlowBack And SandTrap Finished Filling Frac Tanks Prod. Crew Working On Facilities

**FD 9-36-6-19 2/22/2012 06:00 - 2/23/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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 Tanks HES Set Water Manifold And Movers. Blade Location

**FD 9-36-6-19 2/23/2012 06:00 - 2/24/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI And Secured
08:00	1.50	09:30	SRIG	Rig Up/Down	SLB Arrive On Location, Hold Safety Meeting. Rig Up Equipment.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
09:30	0.67	10:10	PTST	Pressure Test	Rig Up To Frac Tree With Lubricator, Pressure Test To 4500#. Arm Gun, Rig Up To Frac Tree. Well Psi. 0 Psi.
10:10	1.25	11:25	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 Spectral Density/Dual Spaced Neutron Dated 01/26/2012 And SBL CBL/CCL Dated 01/31/2012. Found And Correlated To Marker Joint At 9148 - 9168'. Drop Down To Depth, Pull Up And Shoot Stage 1 North Horn Zone As Follows; 10848 - 849, 10856 - 857, 10865 - 866, 10879 - 880, 10889 - 890, 10899 - 900, 10917 - 918, 10932 - 933, 10946 - 947, 10969 - 970, 10986 - 987, 11005 - 006, 11015 - 016, 11033 - 034, 11050 - 052. 48 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.
11:25	4.59	16:00	SRIG	Rig Up/Down	HES On Location At 0800 Hrs. Finish Rigging Up.
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**FD 9-36-6-19 2/24/2012 06:00 - 2/25/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.59	07:35	GOP	General Operations	HES Crew On Location At 0500 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Hold Safety Meeting. Ran QC On Fluid, Looks Good.
07:35	1.42	09:00	FRAC	Frac. Job	Open Well. ICP - 440 Psi. Frac Stage 2. BreakDown At 10.2 Bpm And 4582 Psi.. Pump 3900 Gals. 15% HCL And 96 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 64.1 Bpm, Pressure 5850 Psi. ShutDown, Isip 3967 Psi., .80 F.G., 48/48 Holes Open. Pump SlickWater Pad, Start XLink, Pump Pad,Stage Into 2,3,3.5 And 4# 20/40 SLC Stages Maintaining 25# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 4474 Psi., .85 F.G.. Shut In Well. Total Clean Fluid 132,293 Gals./ 3150 Bbls. Total 20/40 SLC 158,300# BWTR 3230 Bbls. Avg. Rate 70.1 Bpm Max Rate 70.4 Bpm Avg. Pres 5758 Psi Max. Pres 6156 Psi
09:00	0.25	09:15	CTUW	W/L Operation	Turn Well Over To W/L, Arm Gun, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.
09:15	1.58	10:50	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 Spectral Density/Dual Spaced Neutron Dated 01/26/2012 And SBL CBL/CCL Dated 01/31/2012. Found And Correlated To Marker Joint At 9148 - 9168'. Drop Down To Depth, Set CBP At 10,840', Pull Up And Shoot Stage 2 North Horn/EB 8 Zone As Follows; 10597 - 598, 10609 - 610, 10620 - 621,10637 - 638, 10647 - 648, 10664 - 665, 10689 - 690, 10709 - 710, 10717 - 718, 10731 - 732, 10742 - 743, 10759 - 760, 10779 - 780, 10805 - 806,10819 - 820. 45 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.
10:50	0.33	11:10	GOP	General Operations	Turn Well Over To HES. Pressure Test To 8500 Psi., Equalize To Well Pressure.
11:10	1.33	12:30	FRAC	Frac. Job	Open Well. ICP - 3320 Psi. Frac Stage 2. BreakDown At 9.8 Bpm And 3791 Psi.. Pump 3900 Gals. 15% HCL And 90 BioBalls, Flush Away. Down 15 Min. For Balls To Fall. Bring Back Up To Rate, Stabilized Rate 62.3 Bpm, Pressure 4304 Psi. ShutDown, Isip 2589 Psi., .68 F.G., 45/45 Holes Open. Pump SlickWater Pad, Start XLink, Pump Pad,Stage Into 2,3,3.5 And 4# 20/40 SLC Stages Maintaining 25# Linear Gel. OverFlush Bottom Perf. Volume 15 Bbls., ShutDown. Isdp 3283 Psi., .75 F.G.. Shut In Well. Total Clean Fluid 134,107 Gals./ 3193 Bbls. Total 20/40 SLC 160,600# BWTR 3280 Bbls. Avg. Rate 69.6 Bpm Max Rate 70.0 Bpm Avg. Pres 4582 Psi Max. Pres 5020 Psi
12:30	0.42	12:55	CTUW	W/L Operation	Turn Well Over To W/L, Pick-Up With Baker 20 Setting Kit And HES FAS Drill CBP, Nipple Up To Well. Equaize And Open.
12:55	1.33	14:15	PFRT	Perforating	RIH With 3 1/8" CCL And Baker 20/HES FAS Drill CBP. Correlating To HES Spectral Density/Dual Spaced Neutron Dated 01/26/2012 And SLB CBL/CCL Dated 01/31/2012. Found And Correlated To Marker Joint At 9148 - 9168'. Drop Down To Depth, Set CBP At 10,590'(Kill Plug). Pooh, LD Tools. WSI And Secured.
14:15	2.75	17:00	SRIG	Rig Up/Down	HES And SLB RigDown Equipment.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

**FD 9-36-6-19 2/26/2012 06:00 - 2/27/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 11,210.0	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	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting.
07:30	1.00	08:30	SRIG	Rig Up/Down	MIRU w/o rig.
08:30	0.50	09:00	BOPI	Install BOP's	Bled off Pressure from Csg. ND Frac tree, NU 7 1/16" 5K 2' Spacer Spool, NU 7 1/16" 5K Double gate, NU 7 1/16" 5K Mud Cross, NU 7 1/16" 5K Annular, & function test.
09:00	0.50	09:30	SRIG	Rig Up/Down	RU work floor & Tbg. equip.
09:30	1.50	11:00	GOP	General Operations	Unload Tbg.
11:00	3.50	14:30	RUTB	Run Tubing	PU 4 5/8" Chomp Mill, 1 Jt. 2 7/8" L80 6.5# Tbg., 2.205" XN Nipple, 1 Jt., 2.313" X Nipple, & Tbg. Tag Kill Plug @ 10590'.
14:30	0.50	15:00	PULT	Pull Tubing	Lay down 5 Jts,
15:00	0.50	15:30	SRIG	Rig Up/Down	RU Power Swivel.
15:30	14.50	06:00	LOCL	Lock Wellhead & Secure	Secure well for the night. WSI.

**FD 9-36-6-19 2/27/2012 06:00 - 2/28/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	COMPLETION	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	3.00	10:30	DOPG	Drill Out Plugs	Establish Circ. w/ rig pump @ 2 Bbls./min. returning to open top @ 3 Bbls./min. Drill out plugs as follows: Plg. @ 10590' Csg.-1700# Plg. @ 10840', 25' of sand. Csg.-1300# Clean out to FC @ 11155', 75' of sand. Csg.-1200# Circ. bottoms up Total pumped for drill out 550 Bbls.
10:30	0.50	11:00	SRIG	Rig Up/Down	RD Power Swivel.
11:00	1.50	12:30	PULT	Pull Tubing	Lay down tbg. to landing depth. PU Hanger, Wash bowl w/5 Bbls. Csg.-1500#. Stage hanger thru BOP stack & Test. Land Tbg. as follows: Tubing Des: Tubing - ProductionSet Depth (ftKB): 10,524.7 Run Date: 2012/02/27 12:00 Pull Date: Tubing Components Jts Item Des OD (in) ID (in) Wt (lb/ft) Grade Len (ft) Top (ftKB) Btm (ftKB) 1 Tubing Hanger 5 2.441 6.5 L-80 0. 0 0.4 332 Tubing 2 7/8 2.441 6.5 L-80 10,458.00 0.4 10,458.40 1 Profile Nipple 2 7/8 2.313 6.5 L-80 1.25 10,458.40 10,459.70 1 Tubing 2 7/8 2.441 6.5 L-80 31.5 10,459.70 10,491.20 1 No Go Sub 2 7/8 2.205 6.5 L-80 1.19 10,491.20 10,492.40 1 Tubing 2 7/8 2.441 6.5 L-80 31.5 10,492.40 10,523.90 1 POB Sub. 3 1/8 2.441 6.5 L-80 0.85 10,523.90 10,524.70
12:30	0.50	13:00	SRIG	Rig Up/Down	RD Tbg. equip. & work floor.
13:00	0.50	13:30	BOPR	Remove BOP's	ND BOP, NU Production Tree.
13:30	0.50	14:00	SRIG	Rig Up/Down	Tie in sand can to sales line, Tie in sales line to tree.
14:00	0.50	14:30	GOP	General Operations	Drop ball, Pump off bit & chase w/ 30 Bbls. @ 4 Bbls./min.
14:30	1.00	15:30	SRIG	Rig Up/Down	RDMO w/o Rig.
15:30	14.50	06:00	FBCK	Flowback Well	Put well on production.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>7. UNIT or CA AGREEMENT NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> FD 9-36-6-19	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>9. API NUMBER:</b> 43047518040000	
<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> WILDCAT	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<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: 3/11/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input checked="" type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
This well had first oil sales on 03/11/2012.			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 12, 2012</b>			
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst	
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/12/2012	

<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>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801
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 9-36-6-19	
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43047518040000	
<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> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 12/12/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Confidential Status"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
BBC hereby requests this well be held in confidential status.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Venessa Langmacher	<b>PHONE NUMBER</b> 303 312-8172	<b>TITLE</b> Senior Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/12/2011	

<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> ML 50801
<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> ELK PRODUCTION UINTAH, LLC		<b>8. WELL NAME and NUMBER:</b> FD 9-36-6-19
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43047518040000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<b>COUNTY:</b> UINTAH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S		<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: 3/31/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<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. March 2012 monthly drilling activity report is attached.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          April 13, 2012</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> 4/5/2012	

**FD 9-36-6-19 3/1/2012 06:00 - 3/2/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	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	RMOV	Rig Move	MOVE IN R/U
09:00	21.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

**FD 9-36-6-19 3/2/2012 06:00 - 3/3/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	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	GOP	General Operations	TRAVEL
07:00	5.00	12:00	DTIM	Downtime	RIG REPAIR
12:00	2.00	14:00	BOPI	Install BOP's	KILL WELL N/U BOP
14:00	2.00	16:00	PULT	Pull Tubing	POOH W/ 61 STAND SAFTEY CONCERNS WITH ELEVATORS SHUT DOWN
16:00	14.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

**FD 9-36-6-19 3/3/2012 06:00 - 3/4/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	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	GOP	General Operations	TRAVEL
07:00	1.00	08:00	WKLL	Kill Well	KILL WELL
08:00	3.00	11:00	PULT	Pull Tubing	FINISH POOH W/TUBING
11:00	5.00	16:00	RUTB	Run Tubing	RUN IN HOLE W/ TUBING AS FOLLOWS BULL PLUG 5 JTS DESANDER 4' SUB SEAT NIPPLE 1 JT ANCHOR 332 JTS HAD TO KILL WELL 3 TMES TO GET IN HOLE
16:00	1.00	17:00	BOPR	Remove BOP's	N/D BOP SET ANCHOR W/ 20K LAND N/U WELL HEAD R/U ROD EQ.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MONDAY

**FD 9-36-6-19 3/4/2012 06:00 - 3/5/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	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	GOP	General Operations	TRAVEL
07:00	8.00	15:00	RURP	Run Rods & Pump	RIH W/ RODS AS FOLLOWS 1 3/4 PUMP SHEAR SUB 44 1" 93 3/4 150 7/8 129 1" 8' 6' 2 4' 40' FILL AND TEST
15:00	2.00	17:00	GOP	General Operations	R/D SLIDE IN ROTOFLEX
17:00	13.00	06:00	GOP	General Operations	ON PRODUCTION

**FD 9-36-6-19 3/19/2012 06:00 - 3/20/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	WTST	Well Test	Well currently pumping to production.
12:00	2.00	14:00	RMOV	Rig Move	MIRU Nabor's Rig 1409,
14:00	0.75	14:45	GOP	General Operations	Unseated rod pump, R/U hot oiler, flushed rods with 60 bbls of P/W.
14:45	2.50	17:15	PURP	Pull Rod Pump	Pooh with Rod's as listed below L/D 40' Polish rod, 8', 6', 4', 2'. 129 - 1" rods 150 -7/8" rods 93 - 3/4" 44" - 1" Shear sub. 1 3/4" BHRP
17:15	1.00	18:15	GOP	General Operations	Bled off casing pressure, released tbg anchor, N/U Bop's, shut in tbg for the night, open casing to sales.
18:15	11.75	06:00	LOCL	Lock Wellhead & Secure	Well secured for the night.

**FD 9-36-6-19 3/20/2012 06:00 - 3/21/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	PRODUCING	11,210.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	No flow on casing, Pumped 100 bbls of 3% down casing. Killed well.
07:00	1.00	08:00	SRIG	Rig Up/Down	R/U tbg handling equipment.
08:00	4.50	12:30	TRIP	Tripping	Pooh with 277 jts of 2 7/8" tbg, L/D 55 jts and BHA on flat bed trailer.
12:30	2.00	14:30	SRIG	Rig Up/Down	N/U frac mandrel and frac tree, tested frac to seals to 5k. R/U flow back equipment, Started heating frac water, Moved in mountain movers. started hauling in frac sand. Start heating frac water.
14:30	15.50	06:00	LOCL	Lock Wellhead & Secure	Secured Frac tree for the night.

**FD 9-36-6-19 3/21/2012 06:00 - 3/22/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	PRODUCING	11,210.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	WKLL	Kill Well	0 Psi on casing, R/U hot oil truck, heated 60 bbls of 3 % kcl, R/U and pump 60 bbls down the casing. put well on a vacuum.
07:00	5.00	12:00	SRIG	Rig Up/Down	SLB wireline crew arrived, Safety meeting with Rig crew, wireline crew and flow back personnel, pressure tested E-line pressure control equipment to 4500 psi. Halliburton Frac crew and equipment arrived. Rig up frac equipment. P/up baker Setting tool & 5.5' CBP and 4 perf shots.
12:00	3.75	15:45	PFRT	Perforating	RIH with CBP & 4- 3104 PJO shots, completed tie in to CCL using HES log reference ( Spectral Density Dual Laterolog ran on 1-26-12.) set CBP @ 9540' with 0 psi on the well, pulled up and perf'd interval section from 9439' to 9518' EB-3, all shot fired, Pooh with spent guns and setting tool. L/D spent guns & setting tool. P/up the last remaining set of perf guns, RIH with guns, completed tie in, drop down and perf's from 9257' to 9420', all shots fired as designed. Pooh with spent guns.
15:45	15.00	06:45	LOCL	Lock Wellhead & Secure	Shut in and secured frac tree for the night.

**FD 9-36-6-19 3/22/2012 06:00 - 3/23/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	PRODUCING	11,210.0	Drilling & Completion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	GOP	General Operations	Frac Crew Arrived on location 05:00, Started frac equipment, primed pumps, Completed QA/QC checks on fluids. Pressure tested treating iron. Safety Meeting with contractors on location.



## Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:45	1.50	08:15	FRAC	Frac. Job	Pressure tested treating iron @ 9100 psi. Stg # 3 of 5, Zone Stg EB-3 & EB-4. Open Well @ 06:45 Hrs, With 0 Csg psi, 0 Surface and Frac Mandrel, 0 psi. Pumped 2486 gals load hole. Formation Break Down @ 10.0 bpm, 2365 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 90. Started on 3% KCL Slick Water pad @ 70.0 bpm, 4506 psi. Open Perforation = 29 out of shots, ISIP = 2074 psi, .93.0 Frac Gradient. Started on X-link pad @ 71.5 bpm, 4164 psi. Start 2#/ Gal 20/40 CRC sand, 70.3 bpm, 4250 psi 2# 70.0 bpm, 4249 psi 2# On perms bpm 70.9 @ 3780 psi 3# 70.2 bpm, 3482 psi 3# On perms bpm 70.2 @ 3410 psi 3.5# 70.7 bpm, 3361 psi 3.5# On perms bpm 70.6 @ 3276 psi Seen slight increase in net pressure when #3.5 sand hit perf's. did not stage into #4 ppg sand. On Flush @ 70.0 bpm, 3412 psi. Open Perforation = 45 out of 45 shots, ISDP, 2480 psi, 0.70 Frac Gradient. Max Rate 71 bpm, Max Pressure 5266 psi. Avg Rate 68.8 bpm, Avg Pressure 3736 psi Total X-link fluids pumped: 67,612 gals Total Slick water Pad pumped: 59,646 gals Total fluid in bbls pumped: 3125 bbls Total 20/40 CRC pumped, = 162,162#.
08:15	1.50	09:45	WLWK	Wireline	R/U E-line, P/up stg #4, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip from using Halliburton log reference Ran on 1/26/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 9244', with 2000 psi, pulled up and perforated stg #4 intervals from 9143' to 9242'. POOH w/ e-line, L/D Setting tool & Spent guns, All shots fired as design.
09:45	1.25	11:00	PFRT	Perforating	P/up remaining set of perf guns. Pressure tested Lub, Open well RIH with remaining set of Perf guns. Completed tie in, Finished perforating Stg #4 from 9420' to 9257', all shots fired as designed. Pooh with E-line L/D spent guns. Turned well over to HES to frac Stg #4.
11:00	1.50	12:30	FRAC	Frac. Job	Stg # 4 of 5, Zone Stg EB -3,2,1. Open Well @ 11:10 Hrs, With 1950 Csg psi, 0 Surface and Frac Mandrel, 0 psi Formation Break Down @ 10.7 bpm, 2301 psi. Total Bbls of 15% HCL Pump 93.0 bbls & Bio-Balls pumped 84. Started on 3% KCL Slick Water pad @ 71.7 bpm, 4127 psi. Open Perforation = 33 out of 44 shots, ISIP = 2340 psi, .66 Frac Gradient Started on X-link pad @ 71.5 bpm, 3954 psi Start 2#/ Gal 20/40 CRC, 71.0 bpm, 3804 psi 2# 71.0 bpm, 3804 psi 2# On perms bpm 71.2 @ 3524 psi 3# 71.2 bpm, 3527 psi 3# On perms bpm 71.4 @ 3228 psi 3.5# 71.4 bpm, 3195 psi 3.5# On perms bpm 71.4 @ 3108 psi 4# 71.3 bpm, 3113 psi 4# On perms bpm 71.3 @ 3088 psi On Flush @ 72.8 bpm, 3290 psi. Open Perforation = 42 out of 42 shots, ISDP, 2009 psi, 0.69 Frac Gradient. Max Rate 73 bpm, Max Pressure 4674 psi. Avg Rate 69.2 bpm, Avg Pressure 3553 psi Total X-link fluids pumped: 65,048 gals Total Slick water Pad pumped: 55,932 gals Total fluid in bbls pumped: 2973 bbls Total 20/40 CRC Pumped = 160,100#.
12:30	1.00	13:30	WLWK	Wireline	R/U E-line, P/up stg #x, 10K Fast Drill CBP and 3 1/8", 3104 PJO Perf guns. Pressure tested lub, RIH to target depth, ran correlation strip from using Halliburton log reference Ran on 1/26/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8968', with 1950 psi, pulled up and perforated stg #5 intervals from 8879' to 8953'. POOH w/ e-line, L/D Spent guns, All shots fired as design. L/D down setting tool & spent guns.
13:30	1.00	14:30	PFRT	Perforating	P/up remaining set of perf guns. Pressure tested Lub, Open well RIH with Remaining set on Perf guns. Completed Tie in, drop down and Perf'd interval from 8699' to 8866', completed perf's in Wasatch & EB-1. Pooh with E-line. Turned well over to Frac crew.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
14:30	2.25	16:45	FRAC	Frac. Job	Stg # 5 of 5, Zone Stg Wasatch & EB-1, Open Well @ 15:03 Hrs, With 1750 Csg psi, 0 Surface and Frac Mandrel, 0 psi Formation Break Down @ 9.7 bpm, 1818 psi. Total Bbls of 15% HCL Pump 93 bbls & Bio-Balls pumped 90. Started on 3% KCL Slick Water pad @ 93 bpm, 90 psi. Open Perforation = 30 out of 45 shots, ISIP = 1645 psi, .63 Frac Gradient Started on X-link pad @ 71.6 bpm, 3611 psi. Start 2#/ Gal 20/40 CRC sand, 71.5 bpm, 3661 psi 2# 71.5 bpm, 3661 psi 2# On perms bpm 71.5 @ 3234 psi 3# 71.5 bpm, 3233 psi 3# On perms bpm 71.6 @ 2934 psi 3.5# 71.6 bpm, 3040 psi 3.5# On perms bpm 71.5 @ 2979 psi 4# 71.6 bpm, 2966 psi 4# On perms bpm 71.5 @ 3001 psi On Flush @ 71.5 bpm, 3192 psi. Open Perforation = 45 out of 45 shots, ISDP, 1883 psi, 0.65 Frac Gradient. Max Rate 71.9 bpm, Max Pressure 5309 psi. Avg Rate 71.4 bpm, Avg Pressure 3404 psi Total X-link fluids pumped: 61,630 gals Total Slick water Pad pumped: 55,343 gals Total fluid in bbls pumped: 2878 bbls Total 20/40 CRC Sand Pumped = 155,600#, R/D frac iron off of frac tree.
16:45	1.50	18:15	WLWK	Wireline	R/U E-line, 10K Fast Drill CBP for well bore isolation, pressure tested lub, RIH to target depth, ran correlation strip from using Halliburton log reference Ran on 1/26/12, log reference Made depth correction to CCL, drop down to tie in collar, verified CCL was still on depth. Set CBP plug @ 8650', with 1650 psi, bled casing down to 0 psi, observed 0 flow. w/ e-line, L/D Setting Tool. RDMO SLB Wireline.
18:15	11.75	06:00	LOCL	Lock Wellhead & Secure	Shut in frac tree for the night.

**FD 9-36-6-19 3/23/2012 06:00 - 3/24/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	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	Rig crew travel to location,
07:00	5.00	12:00	SRIG	Rig Up/Down	R/D rig floor, N/D Frac tree, N/U Bop's, pressure tested Bop's, Moved in Rig pump, tanks & N2 unit.
12:00	5.00	17:00	TRIP	Tripping	P/up 4 3/4" Rock bit & single valves pump off bit sub.1- jt of 2 7/8", NX profiles nipple, 1- Jt of 2 7/8" X- Nipple. RIH with 272 jts of tbg 2 7/8" tbg, Tagged kill plug @ 8650', L/D 1- jt of 2 7/8".
17:00	1.00	18:00	GOP	General Operations	P/up Power Swivel, tied rig line back to single line, Shut in and secured well head.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	Secured well head and bop's for the night.

**FD 9-36-6-19 3/24/2012 06:00 - 3/25/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	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 to location,
07:00	8.50	15:30	DOPG	Drill Out Plugs	Started Rig & pump equipment. Open well, Displaced tbg with 60 bbls of treated 3% KCL @ 1.5 bpm, With 1.5 bpm in returns. Broke Circ. Started Drilling out kill plug @ 8650', Drilled through Kill plug seen pressure spike up to 1600 psi. Con't to drill out frac plug's @ 8968', 9244', 9540', @ 1.5 bpm, with 2 bpm in returns.
15:30	2.50	18:00	TRIP	Tripping	R/D power swivel, con't to run tbg in the Hole, RIH with a total of 337 jts of 2 7/8 tbg, Stopping EOT @ 10,603'. R/U Rig Pump.
18:00	1.00	19:00	CTU	Clean Out	Circ bottoms up with 220 bbls, Shut down Pumps, closed and shut in Bop's & tbg.
19:00	0.75	19:45	GOP	General Operations	Tied in sand trap into flow line. secured well and location for the night.
19:45	10.25	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured.

**FD 9-36-6-19 3/25/2012 06:00 - 3/26/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	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	GOP	General Operations	TRAVEL
07:00	6.00	13:00	PULT	Pull Tubing	POOH W/ TUBING LAY DOWN BIT AND BIT SUB

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
13:00	5.00	18:00	RUTB	Run Tubing	RIH W/ TUBING AS FOLLOWS BULL PLUG 5 JTS DESANDER 4' SUB SEAT NIPPLE 1 JT ANCHOR 332 JTS SHUT IN
18:00	12.00	06:00	FBCK	Flowback Well	LEAVE WELL OPEN OVER NIGHT

**FD 9-36-6-19 3/26/2012 06:00 - 3/27/2012 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43047518040000			Fort Duchesne	PRODUCING	11,210.0	Drilling & Completion

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	3.00	10:00	GOP	General Operations	N/D HYDRILL AND MUD CROSS POOH LAY DOWN 28 JTS
10:00	1.00	11:00	BOPR	Remove BOP's	N/D BOP SET ANCHO W/ 20K TENSION ;LAND
11:00	1.00	12:00	GOP	General Operations	FLUSH TUBING W/ 60 BBLS NU WELL HEAD
12:00	6.00	18:00	RURP	Run Rods & Pump	RIH W/ RODS AS FOLLOWS PUMP 44 1" 60 3/4 150 7/8 127 1" 6' 4' 40 POLSIH ROD SEAT SPACE OUT R/D SLIDE IN ROTOFLEX
18:00	12.00	06:00	GOP	General Operations	ON PRODUCTION

**Peter's Point #9-36-12-16 3/12/2012 00:00 - 3/13/2012 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31011	UT	Carbon	West Tavaputs	Released for Work	7,668.0	Workover

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	1.00	01:00	CTRL	Crew Travel	CREW TRAVEL, SAFETY MEETING, SICP 400 , TBG 275
01:00	1.00	02:00	RMOV	Rig Move	RIG MOVE EQUIPMENT & SPOT IN, RU RIG, HOOK UP CIRC EQUIPMENT, BLEED DOWN TBG
02:00	1.00	03:00	BOPI	Install BOP's	ND WELL HEAD, NU BOP'S, RU FLOOR & EQUIPMENT
03:00	1.00	04:00	RUTB	Run Tubing	LOWER TBG F/ 4275 TO 5947 W/ 53 JTS 2 3/8 L80, LAND TBG HANGER
04:00	1.00	05:00	IWHD	Install Wellhead	RD FLOOR, ND BOP'S, NU WELL HEAD, SECURE WELL, TURN TBG TO SALES
05:00	1.00	06:00	SRIG	Rig Up/Down	RIG DOWN RIG
06:00	18.00	00:00	FBCK	Flowback Well	FLOW WELL TO SALES

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801	
<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 9-36-6-19	
<b>2. NAME OF OPERATOR:</b> ELK PRODUCTION UINTAH, LLC	
<b>9. API NUMBER:</b> 43047518040000	
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	
<b>PHONE NUMBER:</b> 303 312-8128 Ext	
<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S	
<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 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: 6/30/2012	<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.

June 2012 monthly drilling activity report is attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 July 05, 2012**

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Manager
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/3/2012	

**FD 9-36-6-19 6/1/2012 06:00 - 6/2/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	2.00	09:00	RUTB	Run Tubing	P/U TUBING RIH
09:00	3.00	12:00	GOP	General Operations	TRY TO SET ANCHOR UNABLE WORK
12:00	4.00	16:00	PULT	Pull Tubing	POOH W/ TUBING ANCHOR HAD LARGE PIECE OF RUBBER STUCK UNDER SLIP
16:00	4.00	20:00	RUTB	Run Tubing	RIH W/ NEW 1/4 SET ANCHOR TRY TO SET UNABLE NO TORQUE
20:00	10.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

**FD 9-36-6-19 6/2/2012 06:00 - 6/3/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	4.00	11:00	PULT	Pull Tubing	WORK ANCHOR UNABLE TO SET ROLL HOLE RETRY NO SET POOH W/ 80 JTS
11:00	19.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MONDAY

**FD 9-36-6-19 6/4/2012 06:00 - 6/5/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	5.00	12:00	PULT	Pull Tubing	POOH W/ 15 STANDS WELL FLOWING KILL WELL POOH W/ANCHOR FIND LARGE PIECE OF TEFLON STUCK IN J SLOT REPLACE ANCHOR
12:00	6.00	18:00	RUTB	Run Tubing	RIH W/TUBING SET ANCHOR N/D BOP MAKE UP WELL R/U ROD EQ. PREP RODS
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

**FD 9-36-6-19 6/5/2012 06:00 - 6/6/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	7.00	14:00	HOIL	Hot Oil Well	FLUSH TUBING W/ 60 BBLs RIH W/ RODS P/U SEAT PUMP SPACE OUT TO WINDY T R/D
14:00	16.00	06:00	GOP	General Operations	DOWN TIL MORNING

**FD 9-36-6-19 6/6/2012 06:00 - 6/7/2012 06:00**

API/UWI 43047518040000	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 11,210.0	Primary Job Type Drilling & Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	3.00	10:00	GOP	General Operations	R/D SLIDE IN ROTOFLEX HANG OFF
10:00	20.00	06:00	GOP	General Operations	ON PRODUCTION

RECEIVED

CONFIDENTIAL

OCT 02 2012

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

DIV. OF OIL, GAS & MINING

AMENDED REPORT [ ] FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML 50801

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
FD 9-36-6-19

9. API NUMBER:
4304751804

10 FIELD AND POOL, OR WILDCAT
WILDCAT

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

12. COUNTY
UINTAH

13. STATE
UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER [ ]

b. TYPE OF WORK: NEW WELL [X] 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) 299-9949

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1618 FSL 1019 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1611 FSL 1004 FEL
AT TOTAL DEPTH: 1574 FSL 980 FEL

14. DATE SPUDDED: 1/1/2012
15. DATE T.D. REACHED: 1/25/2012
16. DATE COMPLETED: 3/11/2012
ABANDONED [ ] READY TO PRODUCE [X]

17. ELEVATIONS (DF, RKB, RT, GL):
4965' GL
18. TOTAL DEPTH: MD 11,210 TVD 11,209
19. PLUG BACK T.D.: MD 11,155 TVD 11,152
20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
[X] CBL, Triple Combo, Mud
23. WAS WELL CORED? NO [X] YES [ ] (Submit analysis)
WAS DST RUN? NO [X] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [ ] YES [X] (Submit copy)

Table with 10 columns: 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. Rows include 26, 14 3/4, 8 3/4.

Table with 9 columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row includes 2 7/8, 9,793.

Table with 10 columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Rows include (A) GREEN RIVER, (B) WASATCH.

Table with 2 columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Rows include 5941' TO 8540' GREEN RIVER: SEE TREATMENT STAGES 6 - 13, 8575' TO 10,051' WASATCH: SEE TREATMENT STAGES 1 - 5.

29. ENCLOSED ATTACHMENTS:
[X] ELECTRICAL/MECHANICAL LOGS [ ] GEOLOGIC REPORT [ ] DST REPORT [X] 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: <b>3/11/2012</b>	TEST DATE: <b>4/5/2012</b>	HOURS TESTED: <b>24</b>	TEST PRODUCTION RATES: →	OIL – BBL: <b>92</b>	GAS – MCF: <b>87</b>	WATER – BBL: <b>183</b>	PROD. METHOD: <b>Flowing</b>			
CHOKE SIZE: <b>64/64</b>	TBG. PRESS. <b>190</b>	CSG. PRESS. <b>90</b>	API GRAVITY	BTU – GAS	GAS/OIL RATIO <b>946</b>	24 HR PRODUCTION RATES: →	OIL – BBL: <b>92</b>	GAS – MCF: <b>87</b>	WATER – BBL: <b>183</b>	INTERVAL STATUS: <b>Producing</b>

**INTERVAL B (As shown in Item #26)**

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

**INTERVAL C (As shown in Item #26)**

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

**INTERVAL D (As shown in Item #26)**

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

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

**Sold**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

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

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				GREEN RIVER	4,551
				MAHOGANY	5,916
				DOUGLAS CREEK	7,245
				BLACK SHALE	7,764
				CASTLE PEAK	8,012
				UTELAND BUTTE	8,289
				WASATCH	8,566
				NORTH HORN	10,443
				TD	11,210

**35. ADDITIONAL REMARKS (Include plugging procedure)**

TOC was calculated by CBL. First oil sale was on 3/11/2012. 9 7/8 hole size was used to drill from the bottom of surface casing to 8932' then 8 3/4 hole size was drilled to TD. Treatment data attached.

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

NAME (PLEASE PRINT) Megan Finnegan TITLE Permit Analyst  
 SIGNATURE  DATE 10/2/2012

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  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>Bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 White Sand</u>	<u>lbs CRC Sand</u>
1	3,237			158,299
2	3,366			160,600
3	3,298			160,700
4	3,146			160,100
5	3,046			155,640
6	3,201	11,600		156,800
7	2,943	11,800		156,360
8	3,044	11,900	150,100	
9	2,927	13,000	155,300	
10	2,958	12,100	155,800	
11	2,925	12,800	160,200	
12	2,972	12,900	164,000	
13	3,024	12,860	163,220	

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

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 DIV. OF OIL, GAS & MINING

CONFIDENTIAL

**Bill Barrett Corp**  
Utah County, UT (NAD 1927)  
Sec. 36-T6S-R19E  
FD 9-36-6-19

**Plan A Rev 0**

**Design: MWD Survey**

# **Sperry Drilling Services**

## **Final Survey Report**

**27 September, 2012**

Well Coordinates: 703,701.89 N, 2,495,445.16 E (40° 15' 06.68" N, 109° 43' 29.43" W)  
Ground Level: 4,959.00 ft

Local Coordinate Origin:	Centered on Well FD 9-36-6-19
Viewing Datum:	RKB 24' @ 4983.00ft (H&P 319)
TVDs to System:	N
North Reference:	True
Unit System:	API - US Survey Feet - Custom

Geodetic Scale Factor Applied  
Version: 2003.16 Build: 431

**RECEIVED**

**OCT 02 2012**

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

**HALLIBURTON**

**HALLIBURTON****Design Report for FD 9-36-6-19 - MWD Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.00	0.30	334.51	165.00	0.39	-0.19	-0.42	0.18
<b>First MWD Survey</b>							
259.00	0.23	302.82	259.00	0.71	-0.45	-0.83	0.17
353.00	0.40	113.59	353.00	0.69	-0.31	-0.72	0.67
436.00	0.29	181.27	436.00	0.36	-0.05	-0.30	0.48
528.00	0.24	177.13	528.00	-0.07	-0.04	0.02	0.06
620.00	0.10	40.24	620.00	-0.20	0.02	0.16	0.35
711.00	0.20	359.61	710.99	0.02	0.07	0.03	0.15
805.00	0.28	292.67	804.99	0.27	-0.14	-0.30	0.29
899.00	0.43	354.22	898.99	0.71	-0.39	-0.80	0.41
994.00	0.35	27.51	993.99	1.33	-0.29	-1.19	0.25
1,088.00	0.38	5.83	1,087.99	1.89	-0.13	-1.51	0.15
1,182.00	0.34	3.74	1,181.99	2.48	-0.08	-1.91	0.04
1,276.00	0.46	111.95	1,275.99	2.62	0.29	-1.77	0.69
1,371.00	0.49	113.21	1,370.98	2.31	1.02	-1.07	0.03
1,465.00	0.51	107.88	1,464.98	2.03	1.78	-0.34	0.05
1,559.00	0.77	112.91	1,558.97	1.65	2.76	0.58	0.28
1,653.00	0.76	145.85	1,652.96	0.89	3.70	1.77	0.46
1,747.00	0.68	152.68	1,746.96	-0.12	4.30	2.93	0.12
1,841.00	0.45	39.51	1,840.95	-0.33	4.79	3.41	1.01
1,935.00	0.59	55.76	1,934.95	0.23	5.43	3.41	0.21
2,029.00	0.38	98.05	2,028.95	0.45	6.14	3.71	0.43
2,123.00	0.42	137.20	2,122.95	0.16	6.68	4.29	0.29
2,217.00	0.81	122.75	2,216.94	-0.45	7.47	5.28	0.44
2,311.00	0.29	121.24	2,310.94	-0.94	8.23	6.14	0.55
2,406.00	0.37	105.32	2,405.93	-1.14	8.73	6.63	0.13
2,500.00	0.21	300.89	2,499.93	-1.13	8.88	6.72	0.61
2,594.00	0.39	276.35	2,593.93	-1.01	8.41	6.32	0.23
2,688.00	0.14	233.63	2,687.93	-1.04	8.00	6.07	0.32
2,783.00	0.11	41.33	2,782.93	-1.04	7.97	6.05	0.26
2,877.00	0.39	129.01	2,876.93	-1.18	8.28	6.35	0.43
2,971.00	0.32	91.11	2,970.93	-1.38	8.79	6.84	0.26
3,065.00	0.63	47.52	3,064.93	-1.04	9.43	7.01	0.48
3,159.00	0.52	38.88	3,158.92	-0.36	10.08	6.93	0.15
3,253.00	0.27	346.28	3,252.92	0.19	10.30	6.66	0.44
3,348.00	0.20	357.99	3,347.92	0.57	10.24	6.33	0.09
3,452.00	0.29	31.43	3,451.92	0.98	10.37	6.11	0.16
3,526.00	0.32	141.02	3,525.92	0.98	10.60	6.27	0.67
3,620.00	0.45	119.37	3,619.91	0.59	11.08	6.88	0.21
3,715.00	0.38	134.77	3,714.91	0.19	11.63	7.54	0.14
3,809.00	0.51	136.62	3,808.91	-0.34	12.14	8.27	0.14
3,903.00	0.14	253.54	3,902.91	-0.67	12.32	8.64	0.62
3,997.00	0.28	267.28	3,996.91	-0.72	11.98	8.45	0.16
4,091.00	0.29	211.27	4,090.91	-0.93	11.63	8.38	0.28
4,186.00	0.15	227.14	4,185.91	-1.22	11.41	8.45	0.16
4,280.00	0.37	170.23	4,279.90	-1.60	11.37	8.71	0.33
4,374.00	0.40	160.59	4,373.90	-2.21	11.53	9.28	0.08
4,468.00	0.53	152.41	4,467.90	-2.91	11.84	10.00	0.15
4,563.00	0.45	203.96	4,562.90	-3.64	11.89	10.59	0.45

**HALLIBURTON****Design Report for FD 9-36-6-19 - MWD Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,657.00	0.31	222.03	4,656.89	-4.16	11.57	10.77	0.19
4,751.00	0.49	183.11	4,750.89	-4.75	11.38	11.09	0.34
4,846.00	0.08	264.31	4,845.89	-5.17	11.29	11.34	0.51
4,940.00	0.11	40.53	4,939.89	-5.10	11.29	11.29	0.19
5,034.00	0.45	115.04	5,033.89	-5.19	11.68	11.61	0.46
5,128.00	0.27	30.26	5,127.89	-5.16	12.13	11.88	0.54
5,222.00	0.29	64.48	5,221.89	-4.86	12.45	11.88	0.18
5,317.00	0.56	63.92	5,316.88	-4.56	13.09	12.06	0.28
5,411.00	0.26	122.47	5,410.88	-4.47	13.68	12.39	0.51
5,505.00	0.47	149.00	5,504.88	-4.91	14.06	12.97	0.28
5,694.00	0.18	202.01	5,693.88	-5.85	14.35	13.87	0.21
5,788.00	0.27	145.86	5,787.88	-6.17	14.41	14.15	0.24
5,883.00	0.38	150.60	5,882.88	-6.63	14.69	14.69	0.12
5,977.00	0.60	160.78	5,976.87	-7.37	15.01	15.45	0.25
6,071.00	0.03	207.61	6,070.87	-7.86	15.16	15.91	0.62
6,166.00	0.17	174.19	6,165.87	-8.02	15.16	16.03	0.15
6,260.00	0.53	158.34	6,259.87	-8.56	15.34	16.56	0.39
6,354.00	0.56	241.26	6,353.87	-9.19	15.10	16.87	0.77
6,448.00	0.28	256.37	6,447.86	-9.46	14.47	16.66	0.32
6,543.00	0.48	221.12	6,542.86	-9.81	13.98	16.60	0.31
6,637.00	0.27	231.91	6,636.86	-10.25	13.55	16.64	0.23
6,731.00	0.23	187.05	6,730.86	-10.57	13.35	16.76	0.21
6,825.00	0.40	184.50	6,824.86	-11.09	13.30	17.11	0.18
6,919.00	0.11	215.27	6,918.86	-11.49	13.22	17.36	0.33
7,013.00	0.31	161.65	7,012.85	-11.80	13.25	17.61	0.28
7,108.00	0.67	185.46	7,107.85	-12.60	13.28	18.23	0.43
7,202.00	0.20	264.18	7,201.85	-13.16	13.07	18.51	0.70
7,296.00	0.34	262.10	7,295.85	-13.22	12.63	18.26	0.15
7,390.00	0.50	269.21	7,389.85	-13.26	11.94	17.84	0.18
7,484.00	0.42	100.41	7,483.84	-13.33	11.87	17.85	0.97
7,578.00	1.11	129.14	7,577.84	-13.97	12.91	19.02	0.82
7,673.00	0.84	121.72	7,672.82	-14.91	14.22	20.59	0.31
7,767.00	0.47	114.12	7,766.82	-15.43	15.16	21.60	0.40
7,861.00	0.10	76.66	7,860.81	-15.57	15.59	21.99	0.42
7,955.00	0.37	146.80	7,954.81	-15.81	15.83	22.33	0.37
8,049.00	0.20	193.36	8,048.81	-16.22	15.96	22.72	0.29
8,144.00	0.48	168.07	8,143.81	-16.77	16.01	23.16	0.33
8,238.00	0.17	294.43	8,237.81	-17.10	15.96	23.38	0.63
8,332.00	0.17	286.20	8,331.81	-17.00	15.70	23.14	0.03
8,426.00	0.38	233.26	8,425.81	-17.15	15.32	22.99	0.33
8,520.00	0.21	217.40	8,519.81	-17.47	14.96	23.00	0.20
8,614.00	0.46	213.18	8,613.80	-17.93	14.65	23.14	0.27
8,709.00	0.27	298.15	8,708.80	-18.14	14.25	23.03	0.54
8,803.00	0.11	13.31	8,802.80	-17.95	14.07	22.77	0.28
8,906.00	0.21	238.71	8,905.80	-17.95	13.93	22.68	0.29
9,000.00	0.21	213.81	8,999.80	-18.18	13.69	22.69	0.10
9,094.00	0.26	235.77	9,093.80	-18.44	13.42	22.71	0.11
9,188.00	0.40	232.42	9,187.80	-18.76	12.98	22.66	0.15
9,282.00	0.12	68.76	9,281.80	-18.93	12.81	22.67	0.55
9,377.00	0.17	97.43	9,376.80	-18.91	13.04	22.82	0.09
9,471.00	0.20	118.46	9,470.80	-19.01	13.33	23.07	0.08

# HALLIBURTON

## Design Report for FD 9-36-6-19 - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
9,565.00	0.21	112.25	9,564.80	-19.15	13.63	23.38	0.03
9,659.00	0.38	114.57	9,658.80	-19.35	14.07	23.82	0.18
9,754.00	0.23	159.76	9,753.80	-19.66	14.43	24.29	0.29
9,848.00	0.27	144.87	9,847.79	-20.01	14.62	24.68	0.08
9,942.00	0.45	162.61	9,941.79	-20.55	14.86	25.24	0.22
10,036.00	0.65	115.88	10,035.79	-21.13	15.45	26.07	0.50
10,131.00	0.95	114.00	10,130.78	-21.69	16.65	27.28	0.32
10,225.00	0.68	92.86	10,224.77	-22.03	17.92	28.38	0.43
10,319.00	0.84	120.11	10,318.76	-22.41	19.07	29.42	0.42
10,413.00	0.96	129.81	10,412.75	-23.26	20.27	30.85	0.21
10,508.00	1.19	128.72	10,507.73	-24.38	21.66	32.61	0.24
10,602.00	1.26	132.05	10,601.71	-25.68	23.18	34.60	0.11
10,696.00	1.55	138.02	10,695.68	-27.32	24.80	36.90	0.35
10,791.00	2.06	139.74	10,790.64	-29.58	26.76	39.89	0.54
10,885.00	2.30	136.05	10,884.57	-32.23	29.17	43.46	0.30
10,979.00	2.51	139.61	10,978.49	-35.15	31.81	47.40	0.27
11,073.00	2.73	143.00	11,072.39	-38.51	34.49	51.69	0.29
11,153.00	2.98	142.29	11,152.29	-41.68	36.91	55.67	0.32
<b>Final MWD Survey</b>							
11,210.00	2.98	142.29	11,209.21	-44.02	38.72	58.63	0.00
<b>Survey Projection to TD</b>							

### Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
165.00	165.00	0.39	-0.19	First MWD Survey
11,153.00	11,152.29	-41.68	36.91	Final MWD Survey
11,210.00	11,209.21	-44.02	38.72	Survey Projection to TD

### Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (ft)	Origin +E/-W (ft)	Start TVD (ft)
User	No Target (Freehand)	138.66	Slot	0.00	0.00	0.00

### Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
165.00	11,210.00	Sperry MWD Surveys	MWD

# HALLIBURTON

## Design Report for FD 9-36-6-19 - MWD Survey

### Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
FD 9-36-6-19_SHL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	703,701.89	2,495,445.16	40° 15' 6.682 N	109° 43' 29.431 W
FD 9-36-6-19_ZONE - actual wellpath misses target center by 21.06ft at 7707.95ft MD (7707.77 TVD, -15.15 N, 14.62 E) - Rectangle (sides W200.00 H200.00 D3,472.00)	0.00	0.00	7,708.00	0.00	0.00	703,701.89	2,495,445.16	40° 15' 6.682 N	109° 43' 29.431 W
FD 9-36-6-19_BHL - actual wellpath misses target center by 62.19ft at 11153.00ft MD (11152.29 TVD, -41.68 N, 36.91 E) - Point	0.00	0.00	11,180.00	0.00	0.00	703,701.89	2,495,445.16	40° 15' 6.682 N	109° 43' 29.431 W

# HALLIBURTON

## North Reference Sheet for Sec. 36-T6S-R19E - FD 9-36-6-19 - Plan A Rev 0

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

Vertical Depths are relative to RKB 24' @ 4983.00ft (H&P 319). Northing and Easting are relative to FD 9-36-6-19

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° 30' 0.000 W°, 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: 0.99992524

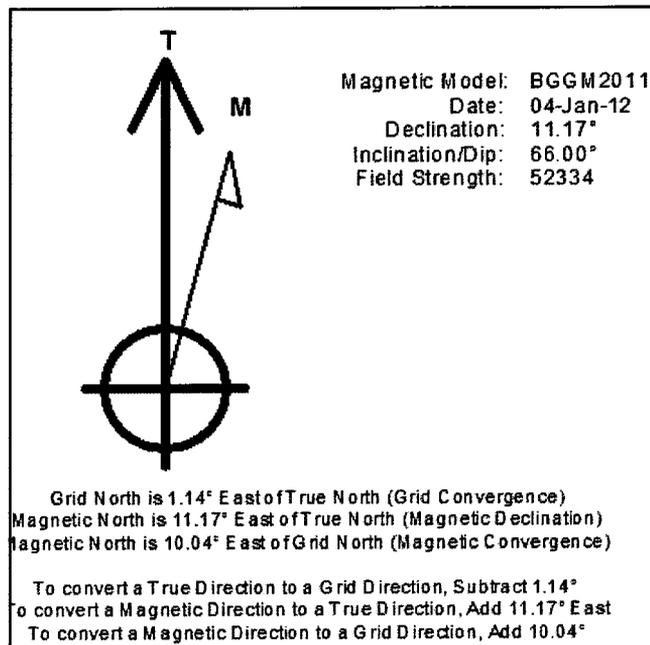
Grid Coordinates of Well: 703,701.89 ft N, 2,495,445.16 ft E

Geographical Coordinates of Well: 40° 15' 06.68" N, 109° 43' 29.43" W

Grid Convergence at Surface is: 1.14°

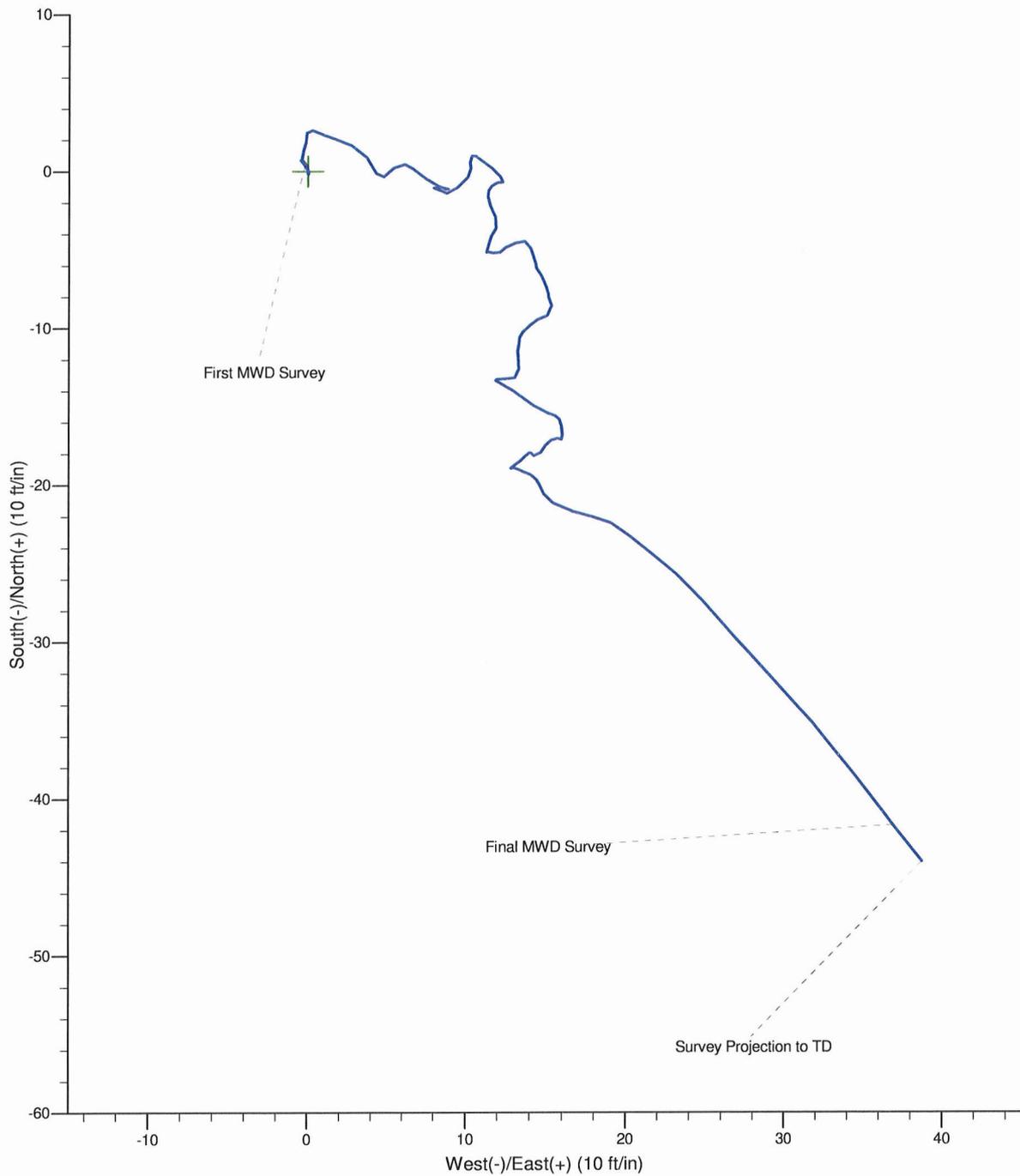
Based upon Minimum Curvature type calculations, at a Measured Depth of 11,210.00ft  
the Bottom Hole Displacement is 58.63ft in the Direction of 138.66° (True).

Magnetic Convergence at surface is: -10.04° ( 4 January 2012, , BGGM2011)



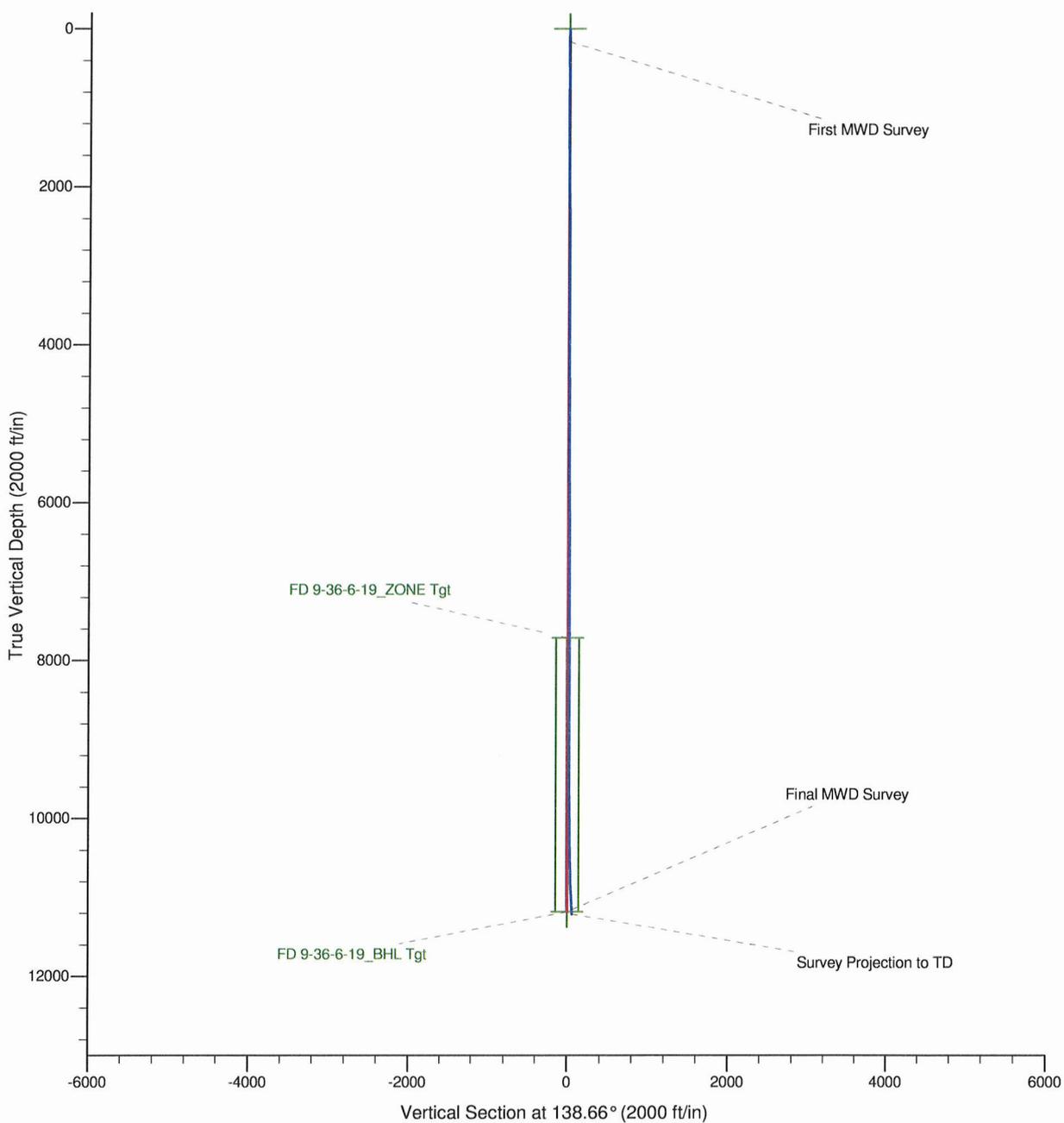
### LEGEND

- FD 9-36-6-19, Plan A Rev 0, Plan A Rev 0 Proposal V0
- MWD Survey



### LEGEND

- FD 9-36-6-19, Plan A Rev 0, Plan A Rev 0 Proposal V0
- MWD Survey



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML 50801	
<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>8. WELL NAME and NUMBER:</b> FD 9-36-6-19	
<b>9. API NUMBER:</b> 43047518040000	
<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT	
<b>COUNTY:</b> UINTAH	
<b>STATE:</b> UTAH	

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> FD 9-36-6-19
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43047518040000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>9. FIELD and POOL or WILDCAT:</b> WILDCAT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1618 FSL 1019 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S	<b>9. API NUMBER:</b> 43047518040000

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: 2/12/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> 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"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> 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 checked="" 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 hereby requests to flare the subject well until BBC constructs and connects into another local compressor to decrease the line pressure for this well. See additional details attached.

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

**Date:** February 19, 2013

**By:** *Derek Duff*

<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> 2/12/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047518040000**

**Approval valid for up to 30 days or when new pipeline is in service, whichever is sooner. Amounts shall be limited to those specified in the sundry request. Flared volume should be limited to the amount that will not cause waste or create adverse impact on the well or producing reservoir.**

This sundry is being submitted by Bill Barrett Corporation to request an extended flaring.

The FD 9-36-6-19, which was completed in March of 2012, has had an unexpected increase in gas production over the past month and is now approaching the allowable flaring totals. In the month of February, this well has been producing up to 90 mcf/d, and will be shut in within the week in order to keep it from exceeding the current flaring allowables.

The FD 9-36-6-19 is tied into a pipeline but the pipeline pressures are too high and it does not have capacity to take in the gas this well is producing. BBC is currently working with another operator in the area to get a final marketing agreement with another compressor and conduct the necessary pipeline work to utilize the existing compressor in which will bring down the line pressure and allow us to resume transporting gas through the pipeline instead of flaring. The agreement is anticipated to be signed in the next two weeks and the construction will take 3 days.

If an additional flaring allowance is not granted and BBC shuts in this well, by continuing to shut this well in until the pipeline pressure is reduced, would be detrimental as there is always potential for formation damage with future flow restrictions and shut-ins. Reduction of ultimate recovery can potentially occur by either dehydration of any gelled hydraulic fracture fluid that is still in formation as well as the crushing of the proppant in hydraulic fractures given apparent over-pressure in the Wasatch. Also, there is an increased risk to form downhole paraffin plugs that bridge off the casing and tubing when production rates are reduced. Currently, this well is producing up to 100BOPD and BBC would prefer to ensure that the well continues to produce to its potential.

With the unanticipated over production of gas, along with the line pressure too high to flow into, BBC is requesting permission, as allowed under R649-3-20, to flare 100 mcf/d on rod pump, with no choke, until the pipeline pressure has been lowered (Mid-March 2013) to prevent us from having to shut this well in and reduce the productivity of this well.

Please contact Brady Riley at 303-312-8115 with questions.

<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: ML 50801
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP	8. WELL NAME and NUMBER: FD 9-36-6-19
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: 1618 FSL 1019 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 36 Township: 06.0S Range: 19.0E Meridian: S	9. API NUMBER: 43047518040000
	9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM
	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/19/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input 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
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	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="workover"/>

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

BBC will P&A the North Horn and EB8 producing zone. Perforations are from 10,597' to 11,052'. A CIBP will be set at +/- 10,550' with 100' of cement on top. A tubing fish top at 10,851' of 217' (5-1/2" TAC, 1 Jt 2-7/8", SN, 2-7/8' pup Jt., Desander, 5 jts 2-7/8", bull plug) will be left below plug. A pump will be re-run and the well returned to production. Please contact Chris Stevenson at 303.312.8704 with questions.

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

Date: June 19, 2013

By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/19/2013	