



November 25, 2008

Ms. Diana Mason
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: Horizontal Drilling
State #16H-32-15-12
T15S-R12E, S.L.B.&M.
Section 32: SE/4SE/4
Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-2 pertaining to a "temporary 640 acre spacing unit for a horizontal well".

- BBC has a Farmout Agreement with Rod Markham, et al covering the captioned acreage. Rod Markham, et al is aware of BBC's plan to drill a horizontal well at the above location. BBC has provided Markham, et al with a copy of the proposed drilling program.
- SWEPI LP owns offsetting acreage in Section 33-T15S-R12E in which BBC has an Option Farmout Agreement with SWEPI to drill. BBC has consulted with SWEPI regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-2. If you should have any questions or need further information, please contact me at 303-312-8159.

Sincerely,

BILL BARRETT CORPORATION

A handwritten signature in cursive script that reads 'Cheryl Edelen'.

Cheryl Edelen
Landman

RECEIVED
DEC 03 2008
DIV. OF OIL, GAS & MINING

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5 MINERAL LEASE NO ML-49797	6 SURFACE State
1A TYPE OF WORK DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7 IF INDIAN ALLOTTEE OR TRIBE NAME N/A	
8 TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8 UNIT OR CO AGREEMENT NAME N/A	
9 NAME OF OPERATOR BILL BARRETT CORPORATION			9 WELL NAME and NUMBER State 16H-32-15-12	
3 ADDRESS OF OPERATOR 1099 18th St, Suite 230C Denver CO 80202		PHONE NUMBER (303) 312-8134	10 FIELD AND POOL OR WILDCAT Wildcat	
4 LOCATION OF WELL (FOOTAGES) AT SURFACE 642' FSL, 370' FEL AT PROPOSED PRODUCING ZONE SWSW, 800' FSL, 660' FWL, Sec. 32			11 OTR/DTR, SECTION, TOWNSHIP, RANGE, MERIDIAN SESE 32 15S 12E	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TO AN OR POST OFFICE Approximately 19 miles southeast of Price, UT			12 COUNTY Carbon	13 STATE UTAH
16 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 370' SHL / 660' BHL	18 NUMBER OF ACRES IN LEASE 640 acres	17 NUMBER OF ACRES ASSIGNED TO THIS WELL no spacing		
18 DISTANCE TO NEAREST WELL (DRILLING COMPLETED OR APPLIED FOR) ON THIS LEASE (FEET) SEE ATTACHED	19 PROPOSED DEPTH 11,900	20 BOND DESCRIPTION LPM4138147		
21 ELEVATIONS (SHOW WHETHER OF RT, GR, ETC) 5563'	22 APPROXIMATE DATE WORK WILL START 2/1/2009	23 ESTIMATED DURATION 60 days		

14 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
			SEE ATTACHED

25 ATTACHMENTS

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 9 IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

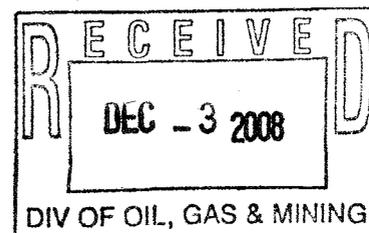
NAME (PLEASE PRINT) Tracey Fallang TITLE Regulatory Analyst
 SIGNATURE Tracey Fallang DATE 12/3/08

(This space for State use only)

APPLICANT NUMBER ASSIGNED 43-007-31482 APPROVAL

11/2008

(See Instructions on Reverse Side)



DRILLING PROGRAM

BILL BARRETT CORPORATION

State 16H-32-15-12

SESE, 642' FSL, 370' FEL, Sec. 32, T15S-R12E, SLB&M (Surface)
SWSW, 800' FSL, 660' FWL, Sec. 32, T15S-R12E, SLB&M (Bottom)
Carbon County, Utah

1 – 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD</u>	<u>Depth – TVD</u>
Morrison	1035'	1035'
Curtis	1675'	1675'
Entrada	1882'	1882'
Carmel	2217'	2217'
Navajo	2490'	2490'
Wingate	2990'	2990'
Chinle	3427'	3427'
Moenkopi	3713'	3713'
Sinbad	4305'	4305'
Kaibab	4719'	4719'
Coconino	4918'	4918'
Pennsylvanian	5693'	5693'
Manning Canyon*	7474'	7470'
TD	11,828'	7924'

PROSPECTIVE PAY

*The Manning Canyon formation is the primary objective for oil/gas.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP 11" 3000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 3,000#. All well control equipment will be in accordance with the requirements of R649-3-7.	
- 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**

SEE ATTACHED SPREADSHEET, NO. 24

5. **Cementing Program**

SEE ATTACHED SPREADSHEET, NO. 24

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0 – 1000'	8.5 – 8.9	26 – 36	- - -	Freshwater Spud Mud
1000' – 8025'	9.0 – 10.2	32 – 48	26 cc or less	Freshwater DAP System
8025' – 11,827'	9.2 – 10.5	36 – 65	24 cc or less	Freshwater DAP System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.				

7. **Testing, Logging and Core Programs**

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' samples from surface to TD
Surveys	Pilot: MWD surveys every 90' Horizontal Leg: MWD surveys every 90'
Logging	Pilot: GR, DEN, NEU, DIL, SFL, FMI and Sonic Scanner over certain intervals Horizontal Leg: MWD GR

8. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4327 psi* and maximum anticipated surface pressure equals approximately 2584 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

9. **Auxiliary Equipment**

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

10. Drilling Schedule

Location Construction: February 1, 2009
Spud: February 10, 2009
Duration: 35 days drilling time
25 days completion time

11. Water Source

BBC intends on using a diversion point along the Price River through a direct purchase agreement with Janice Hamilton under water right No. 91-4122 (A43613). The diversion will be along the Price River within the SE/4 NE/4, Section 12, T16S, R11E, SLB&M. on existing disturbance. A temporary change of use and diversion of water has been applied for with the State of Utah --Water Rights Office and is pending approval at this time.

Should additional water sources be pursued they will be properly permitted through the State of Utah – Division of Water Rights. Additionally, DOGM will be notified of any changes in water supply.

12. Archaeology

Montgomery Archaeological Consultants conducted a Class III archaeology survey under MOAC report no. 08-312 dated November 11, 2008. No cultural resources were documented.

13. Paleontology

Intermountain Paleo-Consulting conducted a paleontological survey of the area under IPC 08-321 dated November 11, 2008. This site was classified as a Class 3a (moderate potential) under the new Potential Fossil Yield Classification System (October 2007).

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).

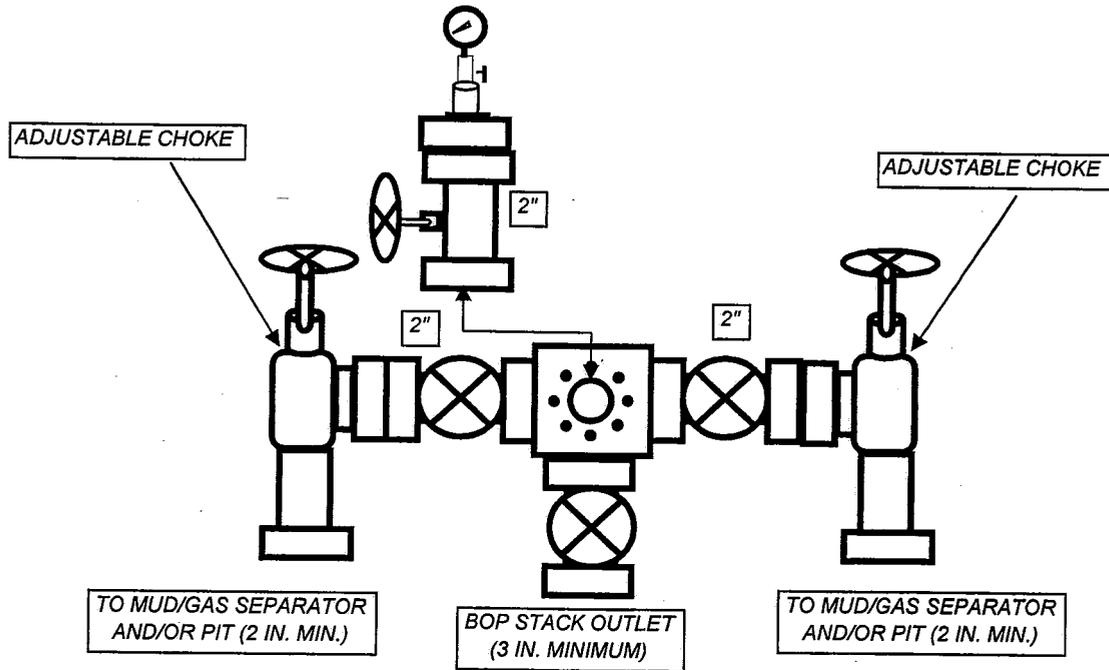
F. Miscellaneous Information:

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.

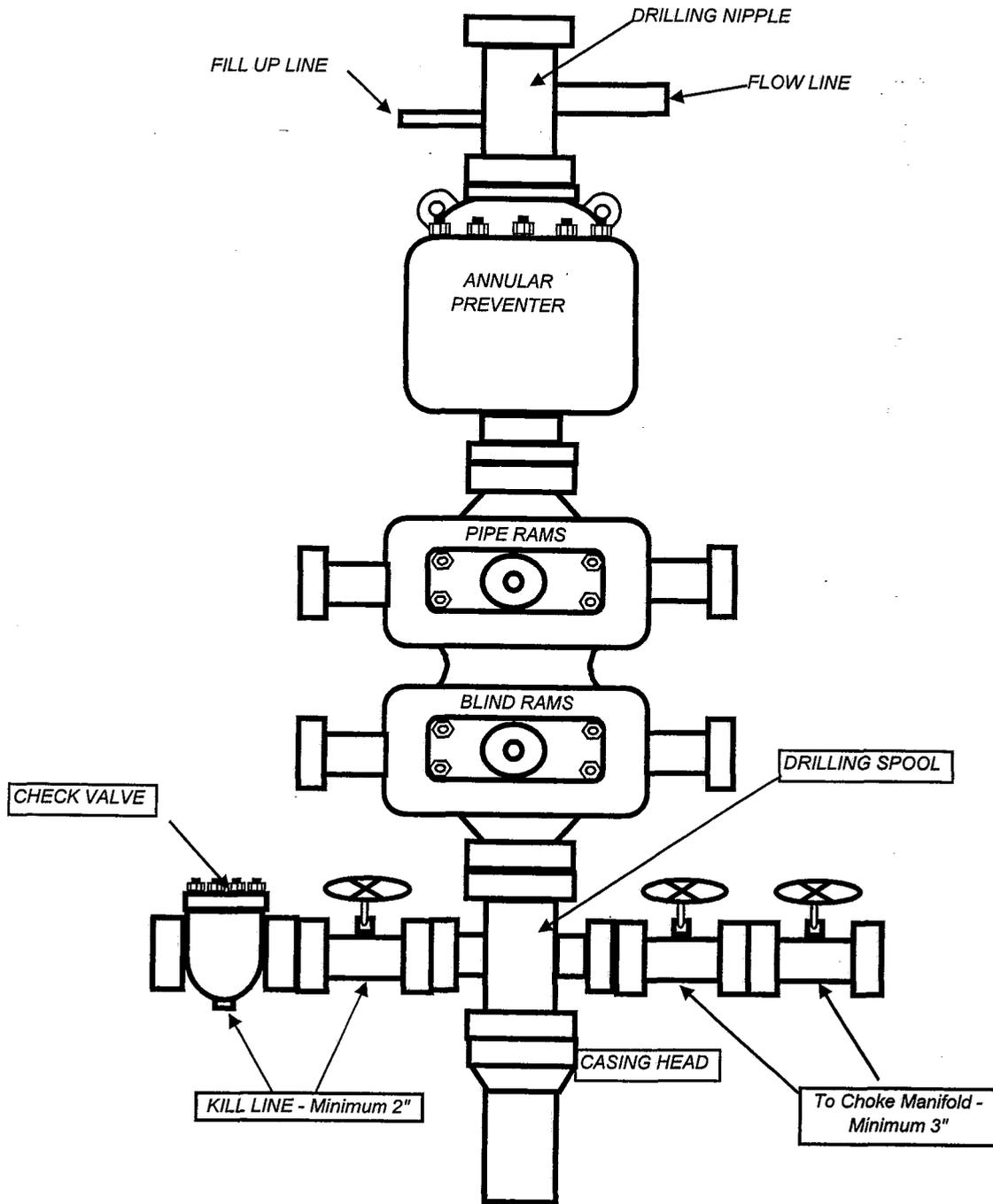
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION
TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER





PREVENTATIVE PLANNING

The following is a list of potential issues while drilling in this area. This discussion is provided as a guideline to better understand the area and to help Bill Barrett Corp. successfully drill this well.

SURFACE INTERVAL (1,000' MD– 1,000' TVD)

Bit balling – Pump 2.0 – 3.0 ppb Wal-Nut M sweeps and add drilling detergent or SAPP at the drill pipe on connections. The Wall Nut will help to strip clay off of the BHA while the drilling detergent or SAPP will degrade the clay and the flow of the drilling fluids will strip the clay off the BHA.

Wash out – Due to formations possibly containing rubble and conglomerate. This may result in washed out conductor casing. Recommend controlling annular velocities, while watching for large amount of rubble over shakers.

Lost circulation – There are possible fractured formations, rubble and sand sections in the Uinta formation. If loses are encountered sweep the hole with a high-vis sweep containing 10.0-ppb sawdust and 10.0 ppb Chem Seal. Consult the LCM guide line found in this program.

Intermediate Interval (8,025' MD – 7,771' TVD)

Hole Cleaning – While building hole angle cleaning the hole will become difficult. Follow a strict sweep schedule consisting of hi and low viscosity sweeps. Record the efficiency of the sweeps to build a customized sweep program for the area.

Hydrating Shale – Some hydratable shale will be drilled in this interval. Offset wells have had problems keeping these shale from hydrating. Mud up to a 4-5 ppb DAP mud at 5,500' or 24 hrs before starting to build curve. Make sure to have at least 4-5 ppb DAP (Diammonium Phosphate) in the active system and a water loss of 18-26 CC.

PRODUCTION INTERVAL (11,827' – 7,924' MD)

Bacterial infestation – Always work proactively to fight bacteria. Treat the active system with .5 ppb x-cide 207 and maintain the same with all make up water. Shoot Bug Bottles at least once a day and NEVER add any starches to the system! Also pay close attention to the gel strengths of the drilling fluid, if they drop off dramatically immediately increase additions of x-cide 207.

LCM and Gas/water influx – drilling this interval with over balanced, balanced, or under balanced mud weights may incur LCM and Gas/water influx. Follow the LCM guide lines in this program as a guide to regain circulation. Act quickly in a well control situation. Keep enough barite on location to weigh the system up 0.5 ppb at all times and follow a proper well control plan proposed by the drilling contractor. Knowing and following these procedures can avoid differentially stuck pipe due to these zones having good porosity and permeability.

Fluid density – Offset wells have had 10.2 ppg mud weights at 4,000' in the Moenkopi/Sinbad formations. Other offset wells drilled through the same formations with 8.9-9.0 ppg. Use caution drilling in these formations, pick up and circulate out gas if drilling breaks are encountered.

Well bore instability – these formations can swell through hydration if not properly inhibited. This can cause severe problems on trips and while drilling. Proper concentrations of DAP will alleviate these issues. However, do expect the first trip through the shale stringers to be tight; this is normal due to small amounts of hydration.

These recommendations are statements of opinion only. Advantage Drilling Fluids makes these recommendations with no warranty or assumption of liability of any kind as to the performance of these recommendations.



Solids Contamination – Proper operation and maintenance of all solids control equipment is vital to maximizing ROP. Maintain low gravity solids content between 4%-8% and do not allow them to exceed 10% by volume.

Over/under treatment – Always plan ahead. Make sure there are adequate products on location incase of road closers. Make recommended treatments based on future rig activity not past. A little planning will help reduce costs and ensure the success of Bill Barrett Corp.

DRILLING FLUIDS PROGRAM

The following drilling fluids are recommended to drill the State #16H-32-15-12:

HOLE SIZE	DRILLING FLUID SYSTEM	FLUID WEIGHT (PPG)	INTERVAL
12 ¼"	Freshwater Spud Mud	8.5 – 8.9	1,000' MD – 1,000' TVD
8 ¾"	Freshwater DAP Polymer	9.0 – 10.2	8,025' MD – 7,771' TVD
6 1/8"	Freshwater DAP Polymer	9.2 – 10.5	11,827' MD – 7,924' TVD

Surface: 12 ¼" Hole 1,000' MD – 1,000' TVD

A freshwater spud mud is recommended to drill this interval. Drill out conductor casing shoe with freshwater using additions of GEL, lime and PHPA to maintain fluid properties. Drill as deep as possible with water and high viscosity sweeps. Monitor the drill-string for tight connections. If tight connections are encountered increase fluid rheology if the problem is cuttings load. Increase mud weight if the system is under balanced.

If tight hole is encountered due to swelling shale, DAP the fresh water up to 4-5 ppb and continue sweep program. Make sure to pre treat the reserve pit with chlorine to fight a bacterial infestation. Be prepared for a full mud before TD to run casing.

Pump hi-vis PHPA sweeps to facilitate hole cleaning. If gravel sloughing occurs raise the viscosity to 80 - 100 sec/qt with Bentonite.

Pay close attention to well bore conditions. Offset wells have encountered severe lost circulation in this interval. Pump sweeps of sawdust/ Calcium Carbonate at 5-10 ppb for minor seepage and sweeps of Chem Seal at 10 ppb and sawdust at 15 ppb for more severe losses. Know and follow the LCM recommendation listed in this program.

If mud rings form add SAPP to disperse. Add at the suction over a circulation or slug the drill pipe on connections. If bit balling occurs sweep hole with a 10 ppb Wal-Nut sweep. Mixing 20-30 bbl sweeps containing 3-15% Drilling Detergent is also an option for bit balling.

When total depth (TD) is reached make a wiper trip to the shoe to clean the well bore and increase the ability to run a string of 9 5/8" casing to TD.

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Intermediate 8 3/4" hole 1,000' MD to 8,025' MD – 7,771' TVD

1,000' to +/- 5,500' MD or at least 24 hrs before KOP

Drill out using the same methods as the surface interval or as wellbore conditions allow. Clean and continue using the freshwater from surface. Follow the sweep schedule as before pumping gel/lime sweeps and continue PHPA sweeps down drill pipe on connection.

+/- 5,500 to 8,025' MD – 7,771' TVD

Drill to +/- 4,500' or 24 hrs before starting to build angle, if losses are controlled, begging mud up. Add DAP to 4-5 ppb concentration. Maintain the concentration through out this interval. Maintain water loss of 18-26cc with PAC-R or Drispac and continue sweep program switching to hi-vis xantham/PHPA sweeps. Control viscosity with 2 sxs of Duro Gel per one sack of pre-hydrated regular gel. Maintain pH <8.2.

At +/- 7,400' MD the directional drillers will begin building angle eventually building to 87.7° 8,051' MD and hold to a TD of 11,827'. High angle wells have shown large cutting loads through out the build. Statistically 45° is the hardest angle for hole cleaning. To ensure proper hole cleaning maintains viscosity of the active system at 38-45 sec/qt with xantham and saltgel additions.

For additional hole cleaning maintain a sweep schedule consisting of: 40 - 60 bbl low vis sweeps immediately followed by 40 - 60 bbl hi-vis sweeps. Pay close attention to the shakers when sweeps come back to surface to make sure there is adequate hole cleaning. If tight connections are seen switch to a low vis weighted (1.5 to 2.0 ppg over active system) followed immediately by hi-vis sweep. The objective is to create turbulent flow on the low side of the hole with the low vis sweep and then carrying capacity with the hi-vis sweep. The weighted sweeps will create buoyancy for the cuttings increasing the efficiency of removing cuttings. Take care to keep a log of the effectiveness of the different sweep schedules to record what method works best in the area.

Run all solids control equipment and dump and dilute on a regular base to keep water as clear as possible.

Make short trip at TD to allow for a string of 7" casing to be set through the curve.

Production: 6 1/8" Hole 11,827' MD – 7,924' TVD

Before drilling out, make sure the active pits contains 5-6 ppb DAP and use this to drill out.

"Mud up" to a 4-5 ppb DAP fluid system. Pump gel/PHPA sweeps every stand drilled to keep hole clean. Use 1-4 ppb PHPA in sweeps depending on severity of hole swelling. As hole conditions indicate. Be Prepared for lost circulation in this interval.

DAP will provide shale inhibition and drill-pipe corrosion protection while allowing for a relaxed filtrate. After mud up, do not allow water loss to vary out side of 15 – 25 ml/30 min. Allowing the DAP to penetrate the formation will allow it to inhibit the shales as it is intended to do.

As in the previous interval hole cleaning will be an issue due to drilling horizontally. Pump 40 - 60 bbl low vis sweeps immediately followed by 40 - 60 bbl hi-vis sweeps. Pay attention to the shakers when sweeps come back to surface to make sure hole is cleaning. If tight connections are seen switch to a low vis weighted (1.5 to 2.0 ppg over active system) followed immediately by hi-vis sweep. Again, the objective is to create turbulent flow on the low side of the hole with the low vis sweep and then carrying capacity with

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the hi-vis sweep. Take care to keep a log of the effectiveness of the different sweep schedules to record what method works best in the area.

This interval will drill horizontally through the Manning Canyon and Humbug formations, maintaining DAP concentrations and proper filtration control so as to minimize hole problems.

Maintain an equivalent bentonite concentration (MBT) of less than 15.0 ppb. DAP muds behave better with low MBT values due to the inhibitive nature.

Anticipate increasing reservoir gas pressures and treat with additions of barite as needed to control pressures. Keep fluid density to a minimum in order to reduce the risks of induced losses, managing the drilling fluid rheology for maximum E.C.D. reduction and well bore cleaning. Holding the drilling fluid rheology low will reduce the amount of lost circulation/seepage experienced.

Maintain fluid properties as directed to achieve best results.

For mud-up and fluid property maintenance mix the following products listed in order of addition:

- | | |
|-------------------------------|---|
| 1. Freshwater | - as needed for volume building |
| 2. X-cide 207 | - 0.1-ppb |
| 3. New Drill (PHPA) | - 1.0 ppb |
| 4. Gel | - 10.0 - 12.5 ppb in pre-hydration tank |
| 5. Duro Gel/Sea mud | - as needed to maintain viscosity |
| 5. Desco | - .25 ppb or as needed to maintain rheology |
| 6. PAC-R/ Drispac | - 0.25 - 0.5 ppb |
| 7. Diammonium Phosphate (DAP) | - 5.0 - 6.0-ppb |
| 8. barite | - as needed for fluid density |

Additions of 0.5-ppb Fedzan can be used to enhance the low end rheology for optimum well bore cleaning and a lower solids drilling fluid, resulting in better ROP. It is recommended to keep the equivalent bentonite concentration below 15.0 ppb.

For added hole stability use additions of CORT SAS at 3-5 ppb.

Control the low gravity solids with solids control equipment and dilution. Dress the shaker with fine mesh screens and run the centrifuge as soon as the system is closed in. Watch for screens blinding when the PHPA comes around. Put larger mesh screens on shakers and wash with water until polymer shears. Leaving the low gravity solids content uncontrolled will lead to rheology and filter cake / filtration control problems.

When TD is reached make a wiper trip to the shoe to clean the well bore before running logs and to increase the ability of successfully running a string of 5 1/2" casing to TD.

For cementing operations minimize the drilling fluid rheology to reduce the cement / drilling fluid interface.

It is imperative that treatments be made to reduce the effects of spacer / cement / drilling fluid contamination during cementing operations. In some situations it is a good idea to keep a cement retarder on location.



Bill Barrett Corporation
 State #16H-32-15-12
 Sec 32 T15S R12E
 Carbon County Utah

Recommended Drilling Fluids Properties

Surface

Depth	Mud Type	Fluid Density	Funnel Viscosity	API Filtrate	pH	Plastic Viscosity	Yield Point	MBT	Low Gravity Solids	Gel Strengths	
(ft)		(ppg)	(sec/qt)	(ml)		(cP)	(lbs/100ft ²)	ppb	(% by Vol)	10 sec	10 min
1,000'MD 1,000'MD	Spud Mud	8.5 - 8.9	26-36	N/C	8.5 - 9.5	2 - 20	2 - 18	<10	< 8	0-6	2-10

Surface casing: 9 5/8" casing set at 1,000 MD 1,000' TVD

Production

Depth	Mud Type	Fluid Density	Funnel Viscosity	API Filtrate	pH	Plastic Viscosity	Yield Point	MBT	Low Gravity Solids	Gel Strengths	
(ft)		(ppg)	(sec/qt)	(ml)		(cP)	(lbs/100ft ²)	ppb	(% by Vol)	10 sec	10 min
8,025'MD 7,771'TVD	Freshwater DAP Polymer	8.6-8.9	32-48	18-26	8.0- 8.2	0 - 18	0 - 12	<10	< 8	0-6	2-16

Intermediate Casing Through Curve: 7" casing set at 8,025 MD 7,771' TVD

Production

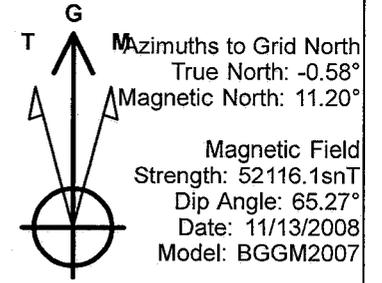
Depth	Mud Type	Fluid Density	Funnel Viscosity	API Filtrate	pH	Plastic Viscosity	Yield Point	MBT	Low Gravity Solids	Gel Strengths	
(ft)		(ppg)	(sec/qt)	(ml)		(cP)	(lbs/100ft ²)	ppb	(% by Vol)	10 sec	10 min
11,827'MD 7,924'TVD	Freshwater DAP Polymer	8.9 - 9.9	36 -65	16-24	8.0 - 8.2	10 - 38	10 - 28	15 - 17.5	8-10	4 -8	8 - 15

Production casing: 4 1/2" set at 11,827' MD 7,924' TVD

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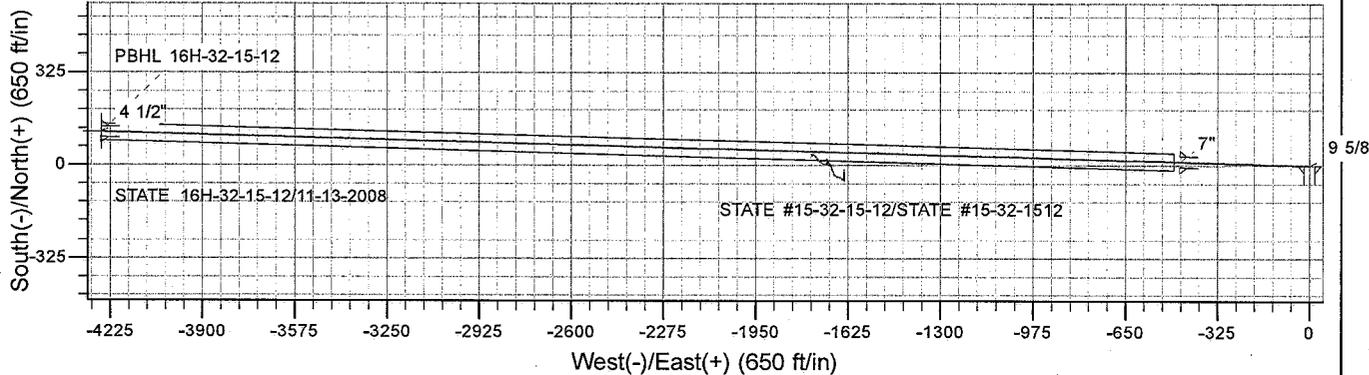
WELL DETAILS: STATE 16H-32-15-12

+N/-S	+E/-W	Northing	Easting	Ground Level: 0.0	Latitude	Longitude	Slot
0.0	0.0	126758.17	687918.73	0.0	29° 28' 17.5401N	100° 35' 23.200 W	



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7294.3	0.00	0.00	7294.3	0.0	0.0	0.00	0.00	0.0	
3	8025.1	87.70	271.57	7771.3	12.6	-458.1	12.00	271.57	458.3	
4	11827.7	87.70	271.57	7923.9	116.9	-4256.2	0.00	0.00	4257.8	PBHL 16H-32-15-12

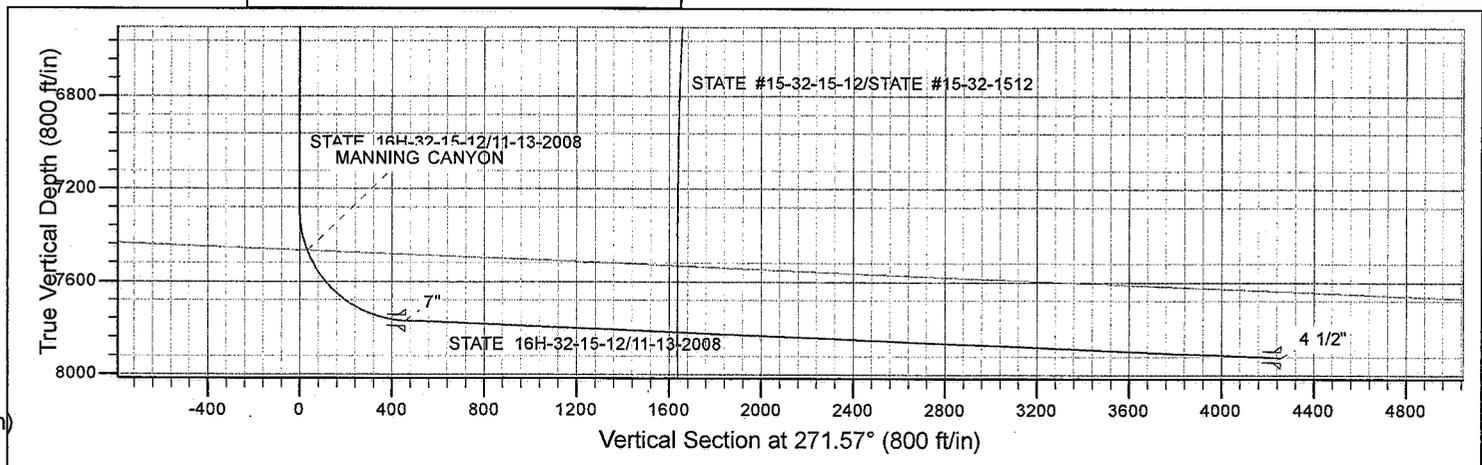
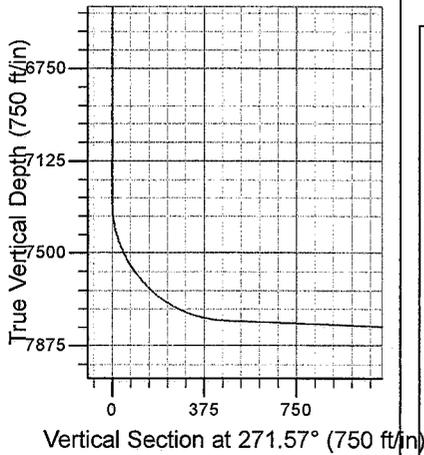


FORMATION TOP DETAILS

TVDPath	MDPath	Formation
		HUMBUG
1035.0	1035.0	MORRISON
1675.0	1675.0	CURTIS
1882.0	1882.0	ENTRADA
2217.0	2217.0	CARMEL
2490.0	2490.0	NAVAJO
2890.0	2890.0	KAYENTA
2990.0	2990.0	WINGATE
3427.0	3427.0	CHINLE
3713.0	3713.0	MOENKOPI
4305.0	4305.0	SINBAD
4719.0	4719.0	KAIBAB
4918.0	4918.0	COCONINO
5573.0	5573.0	COCONINO BASE
5693.0	5693.0	PENNSYLVANIAN
7469.3	7473.5	MANNING CANYON

CASING DETAILS

TVD	MD	Name	Size
1000.0	1000.0	9 5/8"	9.625
7771.3	8025.1	7"	7.000
7924.0	11827.7	4 1/2"	4.500



BILL BARRETT CORP
CARBON COUNTY, MANNING CANYON
SECTION 32 T15S R12E
STATE 16H-32-15-12

16H-32-15-12

Plan: 11-13-2008

Standard Planning Report - Geographic

13 November, 2008

Bill Barrett Corp
 Planning Report - Geographic

Database: Compass
Company: BILL BARRETT CORP
Project: CARBON COUNTY, MANNING CANYON
Site: SECTION 32 T15S R12E
Well: STATE 16H-32-15-12
Wellbore: 16H-32-15-12
Design: 11-13-2008

Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5556.0ft (Original Well Elev)
MD Reference: WELL @ 5556.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	CARBON COUNTY, MANNING CANYON		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site SECTION 32 T15S R12E

Site Position:

From:	Lat/Long	Northing:	126,768.49m	Latitude:	39° 28' 18.050 N
Position Uncertainty:	0.0 ft	Easting:	687,384.95m	Longitude:	110° 35' 45.530 W
		Slot Radius:	in	Grid Convergence:	0.58 °

Well STATE 16H-32-15-12

Well Position	+N/-S	-33.9 ft	Northing:	126,758.17 m	Latitude:	39° 28' 17.540 N
	+E/-W	1,751.4 ft	Easting:	687,918.79 m	Longitude:	110° 35' 23.200 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	0.0 ft

Wellbore 16H-32-15-12

Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	BGGM2007	11/13/2008	(°)	(°)	(nT)
			11.78	65.27	52,116

Design 11-13-2008

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	271.57

Plan Sections

Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(ft)			(ft)			(°/100ft)	(°/100ft)	(°/100ft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
7,294.3	0.00	0.00	7,294.3	0.0	0.0	0.00	0.00	0.00	0.00	
8,025.1	87.70	271.57	7,771.3	12.6	-458.1	12.00	12.00	0.00	271.57	
11,827.7	87.70	271.57	7,923.9	116.9	-4,256.2	0.00	0.00	0.00	0.00	PBHL 16H-32-15-1:

Bill Barrett Corp
 Planning Report - Geographic

Database: Compass
Company: BILL BARRETT CORP
Project: CARBON COUNTY, MANNING CANYON
Site: SECTION 32 T15S R12E
Well: STATE 16H-32-15-12
Wellbore: 16H-32-15-12
Design: 11-13-2008

Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5556.0ft (Original Well Elev)
MD Reference: WELL @ 5556.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (m)	Map Easting (m)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
100.0	0.00	0.00	100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
200.0	0.00	0.00	200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
300.0	0.00	0.00	300.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
400.0	0.00	0.00	400.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
500.0	0.00	0.00	500.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
600.0	0.00	0.00	600.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
700.0	0.00	0.00	700.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
800.0	0.00	0.00	800.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
900.0	0.00	0.00	900.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
9 5/8"									
1,035.0	0.00	0.00	1,035.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
MORRISON									
1,100.0	0.00	0.00	1,100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,675.0	0.00	0.00	1,675.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
CURTIS									
1,700.0	0.00	0.00	1,700.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
1,882.0	0.00	0.00	1,882.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
ENTRADA									
1,900.0	0.00	0.00	1,900.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,000.0	0.00	0.00	2,000.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,100.0	0.00	0.00	2,100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,200.0	0.00	0.00	2,200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,217.0	0.00	0.00	2,217.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
CARMEL									
2,300.0	0.00	0.00	2,300.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,400.0	0.00	0.00	2,400.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,490.0	0.00	0.00	2,490.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
NAVAJO									
2,500.0	0.00	0.00	2,500.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,600.0	0.00	0.00	2,600.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,700.0	0.00	0.00	2,700.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,800.0	0.00	0.00	2,800.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,890.0	0.00	0.00	2,890.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
KAYENTA									
2,900.0	0.00	0.00	2,900.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
2,990.0	0.00	0.00	2,990.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
WINGATE									
3,000.0	0.00	0.00	3,000.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,100.0	0.00	0.00	3,100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,200.0	0.00	0.00	3,200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,300.0	0.00	0.00	3,300.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,400.0	0.00	0.00	3,400.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,427.0	0.00	0.00	3,427.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
CHINLE									
3,500.0	0.00	0.00	3,500.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W

Bill Barrett Corp
 Planning Report - Geographic

Database: Compass
Company: BILL BARRETT CORP
Project: CARBON COUNTY, MANNING CANYON
Site: SECTION 32 T15S R12E
Well: STATE 16H-32-15-12
Wellbore: 16H-32-15-12
Design: 11-13-2008

Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5556.0ft (Original Well Elev)
MD Reference: WELL @ 5556.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (m)	Map Easting (m)	Latitude	Longitude
3,600.0	0.00	0.00	3,600.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,700.0	0.00	0.00	3,700.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,713.0	0.00	0.00	3,713.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
MOENKOPI									
3,800.0	0.00	0.00	3,800.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
3,900.0	0.00	0.00	3,900.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,000.0	0.00	0.00	4,000.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,100.0	0.00	0.00	4,100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,200.0	0.00	0.00	4,200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,300.0	0.00	0.00	4,300.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,305.0	0.00	0.00	4,305.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
SINBAD									
4,400.0	0.00	0.00	4,400.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,500.0	0.00	0.00	4,500.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,600.0	0.00	0.00	4,600.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,700.0	0.00	0.00	4,700.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,719.0	0.00	0.00	4,719.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
KAIBAB									
4,800.0	0.00	0.00	4,800.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,900.0	0.00	0.00	4,900.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
4,918.0	0.00	0.00	4,918.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
COCONINO									
5,000.0	0.00	0.00	5,000.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,100.0	0.00	0.00	5,100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,200.0	0.00	0.00	5,200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,300.0	0.00	0.00	5,300.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,400.0	0.00	0.00	5,400.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,500.0	0.00	0.00	5,500.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,573.0	0.00	0.00	5,573.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
COCONINO BASE									
5,600.0	0.00	0.00	5,600.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,693.0	0.00	0.00	5,693.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
PENNSYLVANIAN									
5,700.0	0.00	0.00	5,700.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,800.0	0.00	0.00	5,800.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
5,900.0	0.00	0.00	5,900.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,000.0	0.00	0.00	6,000.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,100.0	0.00	0.00	6,100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,200.0	0.00	0.00	6,200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,300.0	0.00	0.00	6,300.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,400.0	0.00	0.00	6,400.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,500.0	0.00	0.00	6,500.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,600.0	0.00	0.00	6,600.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,700.0	0.00	0.00	6,700.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,800.0	0.00	0.00	6,800.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
6,900.0	0.00	0.00	6,900.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
7,000.0	0.00	0.00	7,000.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
7,100.0	0.00	0.00	7,100.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
7,200.0	0.00	0.00	7,200.0	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
7,294.3	0.00	0.00	7,294.3	0.0	0.0	126,758.17	687,918.79	39° 28' 17.540 N	110° 35' 23.200 W
7,300.0	0.69	271.57	7,300.0	0.0	0.0	126,758.17	687,918.78	39° 28' 17.540 N	110° 35' 23.200 W
7,400.0	12.69	271.57	7,399.1	0.3	-11.7	126,758.27	687,915.23	39° 28' 17.544 N	110° 35' 23.349 W
7,473.5	21.51	271.57	7,469.3	0.9	-33.2	126,758.45	687,908.65	39° 28' 17.552 N	110° 35' 23.624 W
MANNING CANYON									

Bill Barrett Corp
 Planning Report - Geographic

Database: Compass
Company: BILL BARRETT CORP
Project: CARBON COUNTY, MANNING CANYON
Site: SECTION 32 T15S R12E
Well: STATE 16H-32-15-12
Wellbore: 16H-32-15-12
Design: 11-13-2008

Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5556.0ft (Original Well Elev)
MD Reference: WELL @ 5556.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (m)	Map Easting (m)	Latitude	Longitude
7,500.0	24.69	271.57	7,493.7	1.2	-43.6	126,758.54	687,905.49	39° 28' 17.556 N	110° 35' 23.756 W
7,600.0	36.69	271.57	7,579.5	2.6	-94.6	126,758.96	687,889.97	39° 28' 17.575 N	110° 35' 24.405 W
7,700.0	48.69	271.57	7,652.9	4.5	-162.2	126,759.53	687,869.35	39° 28' 17.600 N	110° 35' 25.268 W
7,800.0	60.69	271.57	7,710.6	6.7	-243.6	126,760.21	687,844.53	39° 28' 17.630 N	110° 35' 26.306 W
7,900.0	72.69	271.57	7,750.1	9.2	-335.3	126,760.98	687,816.60	39° 28' 17.665 N	110° 35' 27.474 W
8,000.0	84.69	271.57	7,769.7	11.9	-433.1	126,761.80	687,786.78	39° 28' 17.701 N	110° 35' 28.721 W
8,025.1	87.70	271.57	7,771.3	12.6	-458.1	126,762.01	687,779.15	39° 28' 17.710 N	110° 35' 29.040 W
7"									
8,100.0	87.70	271.57	7,774.4	14.6	-532.9	126,762.63	687,756.35	39° 28' 17.738 N	110° 35' 29.994 W
8,200.0	87.70	271.57	7,778.4	17.4	-632.8	126,763.47	687,725.90	39° 28' 17.775 N	110° 35' 31.267 W
8,300.0	87.70	271.57	7,782.4	20.1	-732.7	126,764.30	687,695.46	39° 28' 17.812 N	110° 35' 32.541 W
8,400.0	87.70	271.57	7,786.4	22.9	-832.6	126,765.14	687,665.01	39° 28' 17.849 N	110° 35' 33.814 W
8,500.0	87.70	271.57	7,790.4	25.6	-932.5	126,765.98	687,634.57	39° 28' 17.887 N	110° 35' 35.087 W
8,600.0	87.70	271.57	7,794.4	28.4	-1,032.4	126,766.81	687,604.13	39° 28' 17.924 N	110° 35' 36.361 W
8,700.0	87.70	271.57	7,798.4	31.1	-1,132.2	126,767.65	687,573.68	39° 28' 17.961 N	110° 35' 37.634 W
8,800.0	87.70	271.57	7,802.4	33.8	-1,232.1	126,768.49	687,543.24	39° 28' 17.998 N	110° 35' 38.907 W
8,900.0	87.70	271.57	7,806.5	36.6	-1,332.0	126,769.32	687,512.79	39° 28' 18.035 N	110° 35' 40.181 W
9,000.0	87.70	271.57	7,810.5	39.3	-1,431.9	126,770.16	687,482.35	39° 28' 18.072 N	110° 35' 41.454 W
9,100.0	87.70	271.57	7,814.5	42.1	-1,531.8	126,770.99	687,451.91	39° 28' 18.109 N	110° 35' 42.727 W
9,200.0	87.70	271.57	7,818.5	44.8	-1,631.6	126,771.83	687,421.46	39° 28' 18.146 N	110° 35' 44.001 W
9,300.0	87.70	271.57	7,822.5	47.6	-1,731.5	126,772.67	687,391.02	39° 28' 18.184 N	110° 35' 45.274 W
9,400.0	87.70	271.57	7,826.5	50.3	-1,831.4	126,773.50	687,360.57	39° 28' 18.221 N	110° 35' 46.547 W
9,500.0	87.70	271.57	7,830.5	53.1	-1,931.3	126,774.34	687,330.13	39° 28' 18.258 N	110° 35' 47.821 W
9,600.0	87.70	271.57	7,834.5	55.8	-2,031.2	126,775.18	687,299.69	39° 28' 18.295 N	110° 35' 49.094 W
9,700.0	87.70	271.57	7,838.6	58.5	-2,131.1	126,776.01	687,269.24	39° 28' 18.332 N	110° 35' 50.367 W
9,800.0	87.70	271.57	7,842.6	61.3	-2,230.9	126,776.85	687,238.80	39° 28' 18.369 N	110° 35' 51.641 W
9,900.0	87.70	271.57	7,846.6	64.0	-2,330.8	126,777.69	687,208.35	39° 28' 18.406 N	110° 35' 52.914 W
10,000.0	87.70	271.57	7,850.6	66.8	-2,430.7	126,778.52	687,177.91	39° 28' 18.443 N	110° 35' 54.188 W
10,100.0	87.70	271.57	7,854.6	69.5	-2,530.6	126,779.36	687,147.47	39° 28' 18.480 N	110° 35' 55.461 W
10,200.0	87.70	271.57	7,858.6	72.3	-2,630.5	126,780.19	687,117.02	39° 28' 18.517 N	110° 35' 56.734 W
10,300.0	87.70	271.57	7,862.6	75.0	-2,730.3	126,781.03	687,086.58	39° 28' 18.554 N	110° 35' 58.008 W
10,400.0	87.70	271.57	7,866.7	77.7	-2,830.2	126,781.87	687,056.13	39° 28' 18.591 N	110° 35' 59.281 W
10,500.0	87.70	271.57	7,870.7	80.5	-2,930.1	126,782.70	687,025.69	39° 28' 18.628 N	110° 36' 0.554 W
10,600.0	87.70	271.57	7,874.7	83.2	-3,030.0	126,783.54	686,995.25	39° 28' 18.665 N	110° 36' 1.828 W
10,700.0	87.70	271.57	7,878.7	86.0	-3,129.9	126,784.38	686,964.80	39° 28' 18.702 N	110° 36' 3.101 W
10,800.0	87.70	271.57	7,882.7	88.7	-3,229.8	126,785.21	686,934.36	39° 28' 18.740 N	110° 36' 4.374 W
10,900.0	87.70	271.57	7,886.7	91.5	-3,329.6	126,786.05	686,903.91	39° 28' 18.777 N	110° 36' 5.648 W
11,000.0	87.70	271.57	7,890.7	94.2	-3,429.5	126,786.88	686,873.47	39° 28' 18.814 N	110° 36' 6.921 W
11,100.0	87.70	271.57	7,894.7	97.0	-3,529.4	126,787.72	686,843.03	39° 28' 18.851 N	110° 36' 8.194 W
11,200.0	87.70	271.57	7,898.8	99.7	-3,629.3	126,788.56	686,812.58	39° 28' 18.888 N	110° 36' 9.468 W
11,300.0	87.70	271.57	7,902.8	102.4	-3,729.2	126,789.39	686,782.14	39° 28' 18.925 N	110° 36' 10.741 W
11,400.0	87.70	271.57	7,906.8	105.2	-3,829.0	126,790.23	686,751.70	39° 28' 18.962 N	110° 36' 12.014 W
11,500.0	87.70	271.57	7,910.8	107.9	-3,928.9	126,791.07	686,721.25	39° 28' 18.999 N	110° 36' 13.288 W
11,600.0	87.70	271.57	7,914.8	110.7	-4,028.8	126,791.90	686,690.81	39° 28' 19.036 N	110° 36' 14.561 W
11,700.0	87.70	271.57	7,918.8	113.4	-4,128.7	126,792.74	686,660.36	39° 28' 19.073 N	110° 36' 15.834 W
11,800.0	87.70	271.57	7,922.8	116.2	-4,228.6	126,793.57	686,629.92	39° 28' 19.110 N	110° 36' 17.108 W
11,827.7	87.70	271.57	7,923.9	116.9	-4,256.2	126,793.81	686,621.49	39° 28' 19.120 N	110° 36' 17.460 W

Bill Barrett Corp
 Planning Report - Geographic

Database: Compass
Company: BILL BARRETT CORP
Project: CARBON COUNTY, MANNING CANYON
Site: SECTION 32 T15S R12E
Well: STATE 16H-32-15-12
Wellbore: 16H-32-15-12
Design: 11-13-2008

Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5556.0ft (Original Well Elev)
MD Reference: WELL @ 5556.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
8,025.1	7,771.3	7"	7.000	8.750
1,000.0	1,000.0	9 5/8"	9.625	12.250
11,827.7	7,924.0	4 1/2"	4.500	6.125

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,035.0	1,035.0	MORRISON		2.30	271.57
1,675.0	1,675.0	CURTIS		2.30	271.57
1,882.0	1,882.0	ENTRADA		2.30	271.57
2,217.0	2,217.0	CARMEL		2.30	271.57
2,490.0	2,490.0	NAVAJO		2.30	271.57
2,890.0	2,890.0	KAYENTA		2.30	271.57
2,990.0	2,990.0	WINGATE		2.30	271.57
3,427.0	3,427.0	CHINLE		2.30	271.57
3,713.0	3,713.0	MOENKOPI		2.30	271.57
4,305.0	4,305.0	SINBAD		2.30	271.57
4,719.0	4,719.0	KAIBAB		2.30	271.57
4,918.0	4,918.0	COCONINO		2.30	271.57
5,573.0	5,573.0	COCONINO BASE		2.30	271.57
5,693.0	5,693.0	PENNSYLVANIAN		2.30	271.57
7,473.5	7,468.0	MANNING CANYON		2.30	271.57
	8,241.0	HUMBUG		0.00	

Well name:	State 16H-32-15-12
Operator:	Bill Barrett Corporation
String type:	Surface
Location:	Section 32, T15S-R12E Carbon County, UT

Design parameters:

Collapse

Mud weight: 8.90 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 70.00 °F
 Bottom hole temperature: 78 °F
 Temperature gradient: 0.76 °F/100ft
 Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface

pressure: 403 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 623 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: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 868 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,771 ft

Next mud weight: 9.200 ppg

Next setting BHP: 3,714 psi

Fracture mud wt: 12.000 ppg

Fracture depth: 1,000 ft

Injection pressure 623 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)	Internal Capacity (ft³)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	71.2
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	462	2020	4.370	623	3520	5.65	31	394	12.61 J

Prepared Dominic Spencer
 by: Bill Barrett

Phone: (303) 312-8164
 FAX: (303) 291-0420

Date: November 14, 2008
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.9 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.

Engineering responsibility for use of this design will be that of the purchaser.

Job Information

Surface Casing

Well Name: State

Well #: 16H-32-15-12

Surface Hole

0 - 1000 ft (MD)

Inner Diameter

12.250 in

Job Excess

80 %

Surface Casing

0 - 1000 ft (MD)

Outer Diameter

9.625 in

Inner Diameter

8.921 in

Linear Weight

36 lbm/ft

Casing Grade

J-55

Mud Weight

8.900 lbm/gal

BHST

78 degF

Job Recommendation

Surface Casing

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer

Fluid Density: 8.340 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Lead Cement

Halliburton Light Premium

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.700 lbm/gal

Slurry Yield: 1.833 ft³/sk

Total Mixing Fluid: 9.773 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 700 ft

Volume: 70.284 bbl

Calculated Sacks: 215.284 sks

Proposed Sacks: 220 sks

Fluid 3: Tail Cement

Premium Cement

94 lbm/sk Premium Cement (Cement)

2 % Calcium Chloride (Accelerator)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.800 lbm/gal

Slurry Yield: 1.165 ft³/sk

Total Mixing Fluid: 4.998 Gal/sk

Top of Fluid: 700 ft

Calculated Fill: 300 ft

Volume: 30.122 bbl

Calculated Sacks: 145.169 sks

Proposed Sacks: 150 sks

Well name: **State 16H-32-15-12**
 Operator: **Bill Barrett Corporation**
 String type: **Intermediate**
 Location: **Section 32, T15S-R12E Carbon County, UT**

Design parameters:

Collapse
 Mud weight: 9.20 ppg

Minimum design factors:

Collapse:
 Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 70.00 °F

Design is based on evacuated pipe.

Bottom hole temperature 129 °F
 Temperature gradient: 0.76 °F/100ft
 Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: 800 ft

Burst

Max anticipated surface pressure: 2,044 psi
 Internal gradient: 0.22 psi/ft
 Calculated BHP 3,753 psi

Tension:

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

Directional Info - Build & Hold

Kick-off point 7294 ft
 Departure at shoe: 458 ft
 Maximum dogleg: 12 °/100ft
 Inclination at shoe: 87.68 °

No backup mud specified.

Tension is based on buoyed weight.
 Neutral point: 6,770 ft

Re subsequent strings:

Next setting depth: 7,924 ft
 Next mud weight: 9.200 ppg
 Next setting BHP: 3,787 psi
 Fracture mud wt: 14.000 ppg
 Fracture depth: 7,771 ft
 Injection pressure 5,652 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)	Internal Capacity (ft³)
2	7000	7	23.00	N-80	LT&C	7000	7000	6.25	323.5
1	1025	7	26.00	N-80	LT&C	7771	8025	6.151	53.7

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
2	3345	3830	1.145	3584	6340	1.77	156	442	2.83 J
1	3714	4954	1.334	3753	7240	1.93	-5	519	99.99 J

Prepared Dominic Spencer
 by: Bill Barrett

Phone: (303) 312-8164
 FAX: (303) 291-0420

Date: November 14, 2008
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 7771 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes.
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Engineering responsibility for use of this design will be that of the purchaser.

Job Information

Intermediate Casing

Well Name: State

Well #: 16H-32-15-12

Surface Casing	0 - 1000 ft (MD)
Outer Diameter	9.625 in
Inner Diameter	8.921 in
Linear Weight	36 lbm/ft
Casing Grade	J-55

Intermediate Hole	1000 - 8025 ft (MD)
Inner Diameter	8.750 in
Job Excess	25 %

Intermediate Casing 1	0 - 7000 ft (MD)
Outer Diameter	7.000 in
Inner Diameter	6.366 in
Linear Weight	23 lbm/ft
Casing Grade	N-80

Intermediate Casing 2	7000 - 8025 ft (MD)
Outer Diameter	7.000 in
Inner Diameter	6.276 in
Linear Weight	26 lbm/ft
Casing Grade	N-80

Mud Weight	9.200 lbm/gal
BHST	129 degF

HALLIBURTON

Job Recommendation

Intermediate Casing

Fluid Instructions

Fluid 1: Water Spacer

Water Spacer

Fluid Density: 8.340 lbm/gal

Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer

SUPER FLUSH 101

Fluid Density: 10 lbm/gal

Fluid Volume: 20 bbl

Fluid 3: Water Spacer

Water Spacer

Fluid Density: 8.340 lbm/gal

Fluid Volume: 10 bbl

Fluid 4: Lead Cement

Halliburton Hi-Fill

0.5 % HR-7 (Retarder)

3 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 11 lbm/gal

Slurry Yield: 3.864 ft³/sk

Total Mixing Fluid: 22.955 Gal/sk

Top of Fluid: 900 ft

Calculated Fill: 6125 ft

Volume: 204.619 bbl

Calculated Sacks: 297.323 sks

Proposed Sacks: 300 sks

Fluid 5: Tail Cement

50/50 Poz Premium

2 % Bentonite (Light Weight Additive)

3 % KCL (Clay Control)

0.75 % Halad(R)-322 (Low Fluid Loss Control)

0.2 % FWCA (Free Water Control)

3 lbm/sk Silicalite Compacted (Light Weight Additive)

0.125 lbm/sk Poly-E-Flake (Light Weight Additive)

1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

0.2 % HR-5 (Retarder)

Fluid Weight 13.400 lbm/gal

Slurry Yield: 1.518 ft³/sk

Total Mixing Fluid: 7.179 Gal/sk

Top of Fluid: 7025 ft

Calculated Fill: 1000 ft

Volume: 33.469 bbl

Calculated Sacks: 123.790 sks

Proposed Sacks: 130 sks

Well name: **State 16H-32-15-12**
 Operator: **Bill Barrett Corporation**
 String type: **Production: Frac**
 Location: **Section 32, T15S-R12E Carbon County, UT**

Design parameters:

Collapse

Mud weight: 9.20 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: 70.00 °F
 Bottom hole temperature: 130 °F
 Temperature gradient: 0.76 °F/100ft
 Minimum section length: 1,500 ft

Burst

Max anticipated surface

pressure: 6,028 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 7,771 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: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 6,818 ft

Directional Info - Build & Hold

Kick-off point 7294 ft
 Departure at shoe: 4257 ft
 Maximum dogleg: 12 °/100ft
 Inclination at shoe: 87.7 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11827	4.5	15.10	P-110	LT&C	7924	11827	3.701	362
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	3787	14350	3.789	7771	14420	1.86	103	406	3.94 J

Prepared Dominic Spencer
 by: Bill Barrett

Phone: (303) 312-8164
 FAX: (303) 291-0420

Date: November 14, 2008
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 7924 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Engineering responsibility for use of this design will be that of the purchaser.

4. Location of Well (footages)

Top of Producing Interval: 655' FSL, 828' FEL, SESE, Sec. 15, T15S, R12E, SLB&M (calculated at 7" setting depth)
 Bottom Hole Location: 800' FSL, 660' FWL, SWSW, Sec. 15, T15S, R12E, SLB&M

18. Distance to Nearest Well on this Lease

90' (State 15-32) at the nearest point. Per a discussion with Dustin Doucet, BBC will not produce the State 15-32 well unless a spacing order is applied for or the section is included in a federal unit.

24. Proposed Casing and Cementing Program

BBC intends on drilling a pilot hole to 8000', coring the well, cementing from 7,400' - 6,918' and would then dress the cement plug off to 7,250 where we would kick off to drill horizontally.

	<i>Size of Hole</i>	<i>Casing Size, Grade, and Weight Per Foot</i>	<i>Setting Depth</i>	<i>Cement Type, Quantity, Yield, and Slurry Weight</i>
<i>Pilot</i>				
Surface	12 1/4"	9 5/8", J-55, 36#	1000'	Lead: 220 sx, Halliburton Lt Prem, 12.7 ppg, 1.83 ft ³ /sk Tail: 150 sx, Prem, 15.8 ppg, 1.17 ft ³ /sk
Production	8 3/4"	N/A	8000'	175 sx Premium Class "G" cement from 7,400' - 6.918' 15.8 ppg, 1.15 ft ³ /sk yield

<i>Horizontal</i>				
Surface	12 1/4"	9 5/8", J-55, 36#	1000'	Lead: 220 sx, Halliburton Lt Prem, 12.7 ppg, 1.83 ft ³ /sk Tail: 150 sx, Prem, 15.8 ppg, 1.17 ft ³ /sk
Intermediate	8 3/4"	7", N-80, 23# (0 to 7000') 7", N-80, 26# (7000' to 8025')	8025'	Lead: 300 sx, Halliburton Hi-Fill, 11 ppg, 3.87 ft ³ /sk Tail: 130 sx, 50/50 Poz, 13.4 ppg, 1.52 ft ³ /sk
Production	6 1/8"	4 1/2", P-110, 15.1#	11,827'	None

Note: Actual cement volumes to be calculated from caliper log.

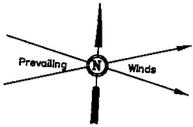
BILL BARRETT CORPORATION

STATE #16H-32-15-12

SECTION 32, T15S, R12E, S.L.B.&M.

PROCEED IN A SOUTHEASTERLY DIRECTION FROM PRICE, UTAH ALONG HIGHWAY 191 APPROXIMATELY 4.0 MILES TO WELLINGTON, UTAH; PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION ALONG HIGHWAY 191 APPROXIMATELY 8.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN A EASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE EXISTING #15-32 AND THE BEGINNING OF THE PROPOSED ACCESS FOR THE #9H-32 TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM PRICE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 19.65 MILES.



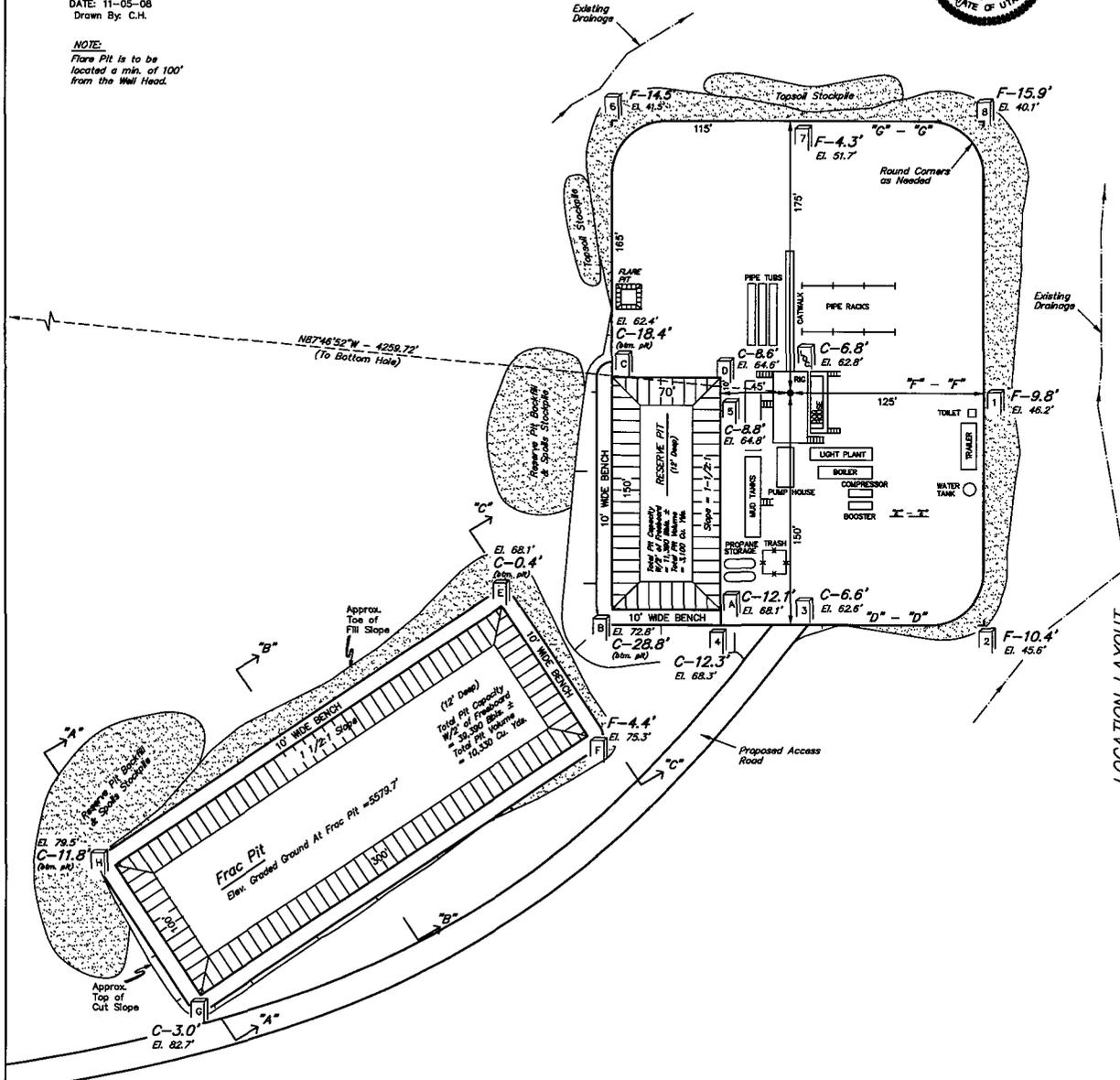
SCALE: 1" = 50'
DATE: 11-05-08
Drawn By: C.H.

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

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR
STATE #16H-32-15-12
SECTION 32, T15S, R12E, S.L.B.&M.
642' FSL 370' FEL

FIGURE #1

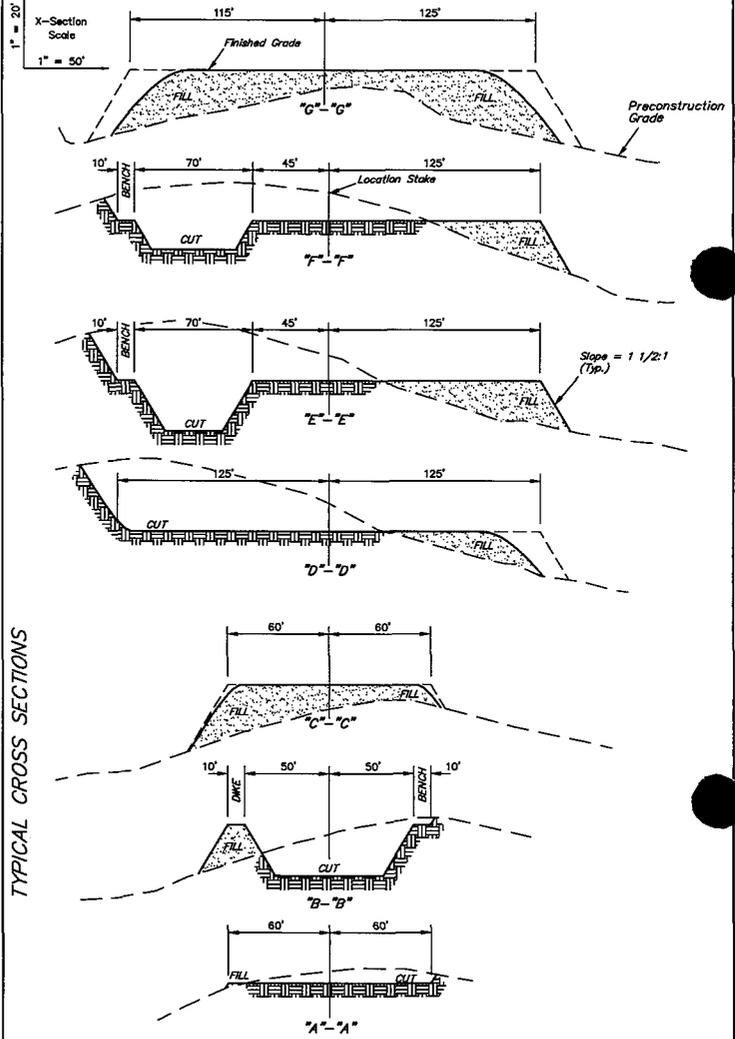


NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

*** NOTE:**
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE PAD YARDAGES

CUT (6") Topsoil Stripping	= 1,910 Cu. Yds.	EXCESS MATERIAL	= 3,460 Cu. Yds.
Remaining Location	= 14,400 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,460 Cu. Yds.
TOTAL CUT	= 16,310 CU.YDS.	EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.
FILL	= 12,850 CU.YDS.		

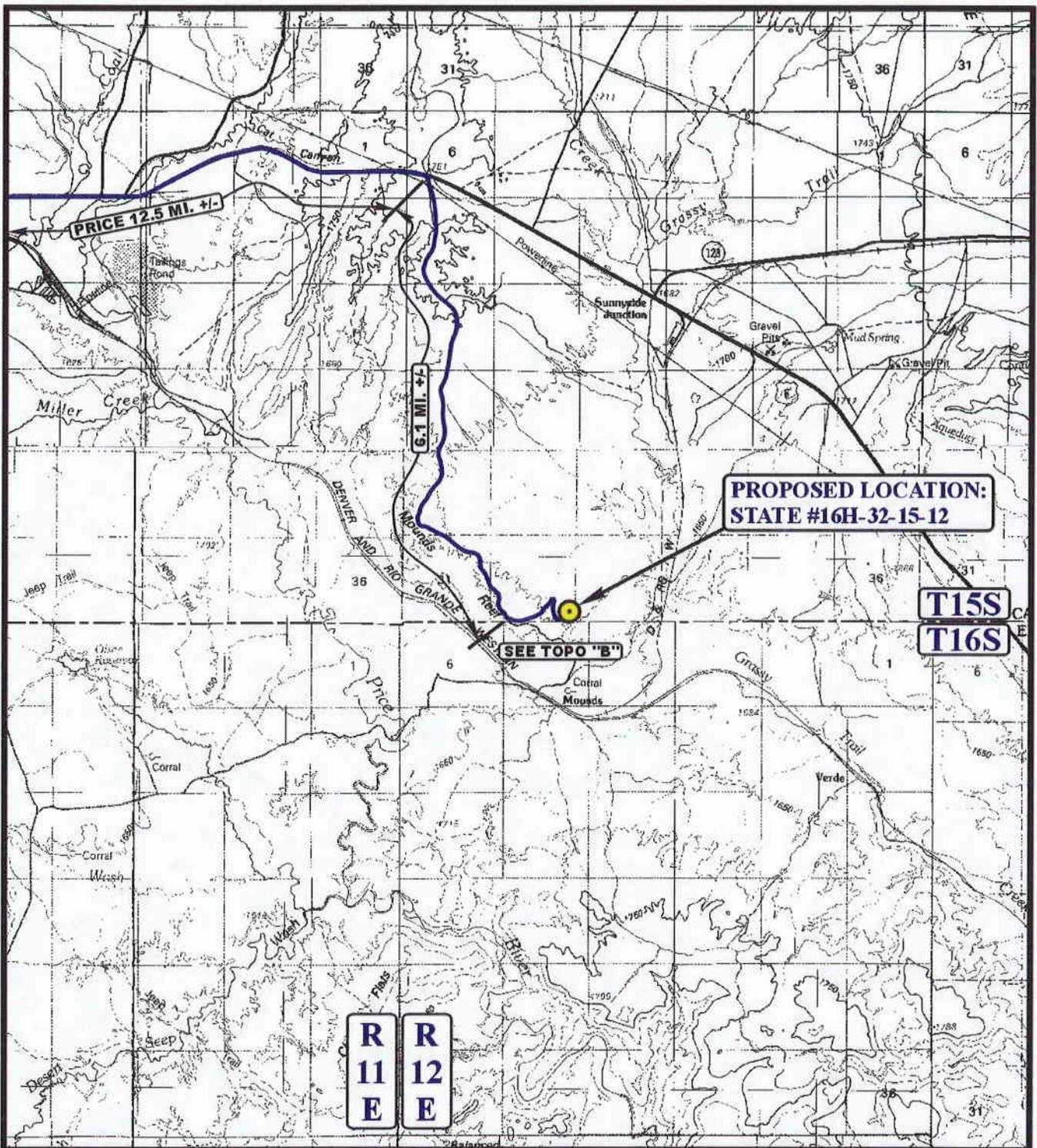


APPROXIMATE FRAC PIT YARDAGES

CUT (6") Topsoil Stripping	= 930 Cu. Yds.	EXCESS MATERIAL	= 6,100 Cu. Yds.
Remaining Location	= 8,260 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,100 Cu. Yds.
TOTAL CUT	= 9,190 CU.YDS.	EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.
FILL	= 3,090 CU.YDS.		

NOTES:
Elev. Ungraded Ground At Loc. Stake = 5562.8'
FINISHED GRADE ELEV. AT LOC. STAKE = 5556.0'

APPROXIMATE ACRES:
WELL SITE DISTURBANCE = 22.240 ACRES
ACCESS ROAD DISTURBANCE = 21.645 ACRES
FRAC PIT DISTURBANCE = 21.040 ACRES
TOTAL = 64.925 ACRES



LEGEND:

 PROPOSED LOCATION



BILL BARRETT CORPORATION

STATE #16H-32-15-12
 SECTION 32, T15S, R12E, S.L.B.&M.
 642' FSL 370' FEL



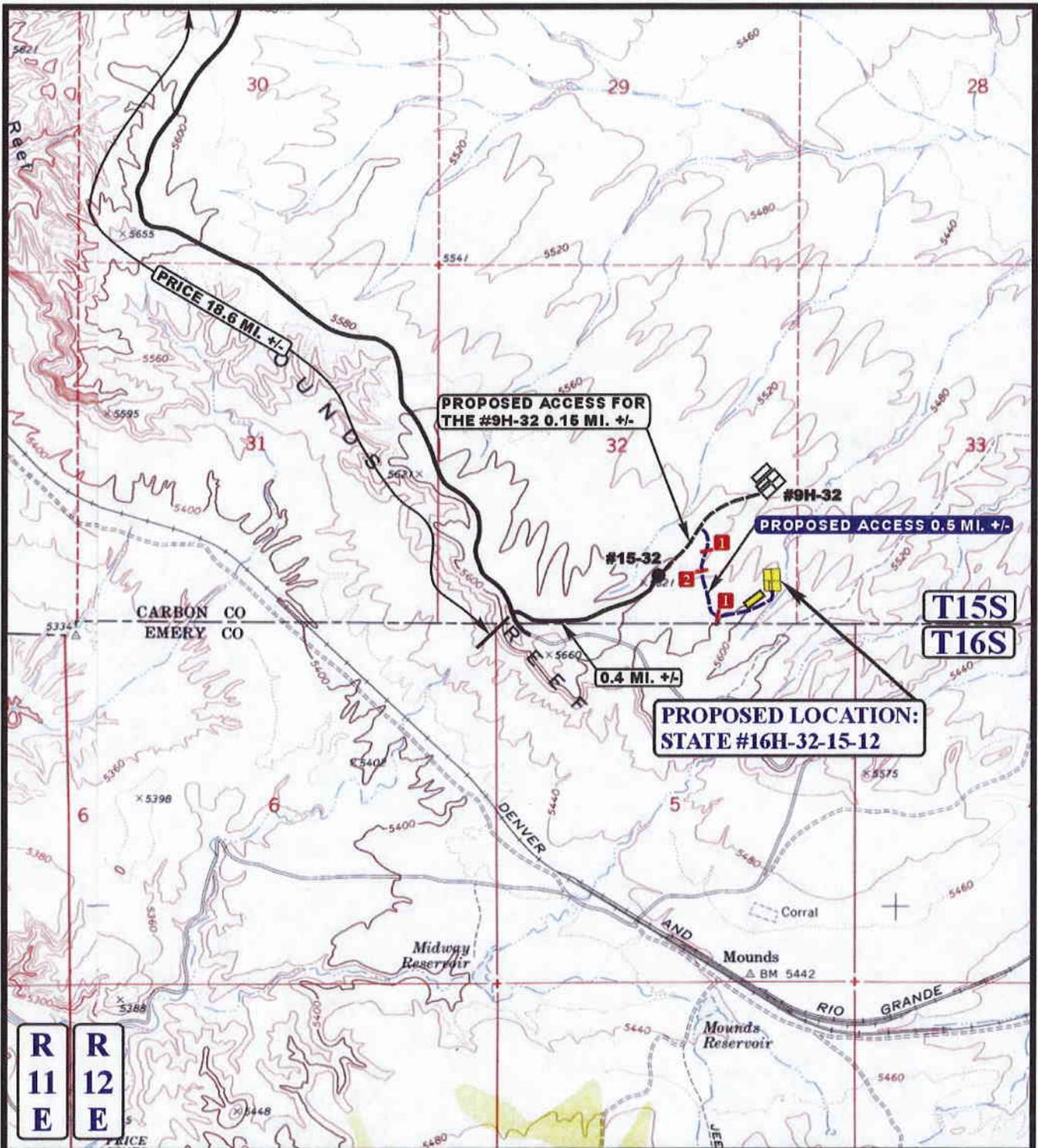
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
 MAP**

11 06 08
 MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 00-00-00



R
1
E

R
1
E

T15S
T16S

**PROPOSED LOCATION:
STATE #16H-32-15-12**

LEGEND:

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

BILL BARRETT CORPORATION

STATE #16H-32-15-12
SECTION 32, T15S, R12E, S.L.B.&M.
642' FSL 370' FEL



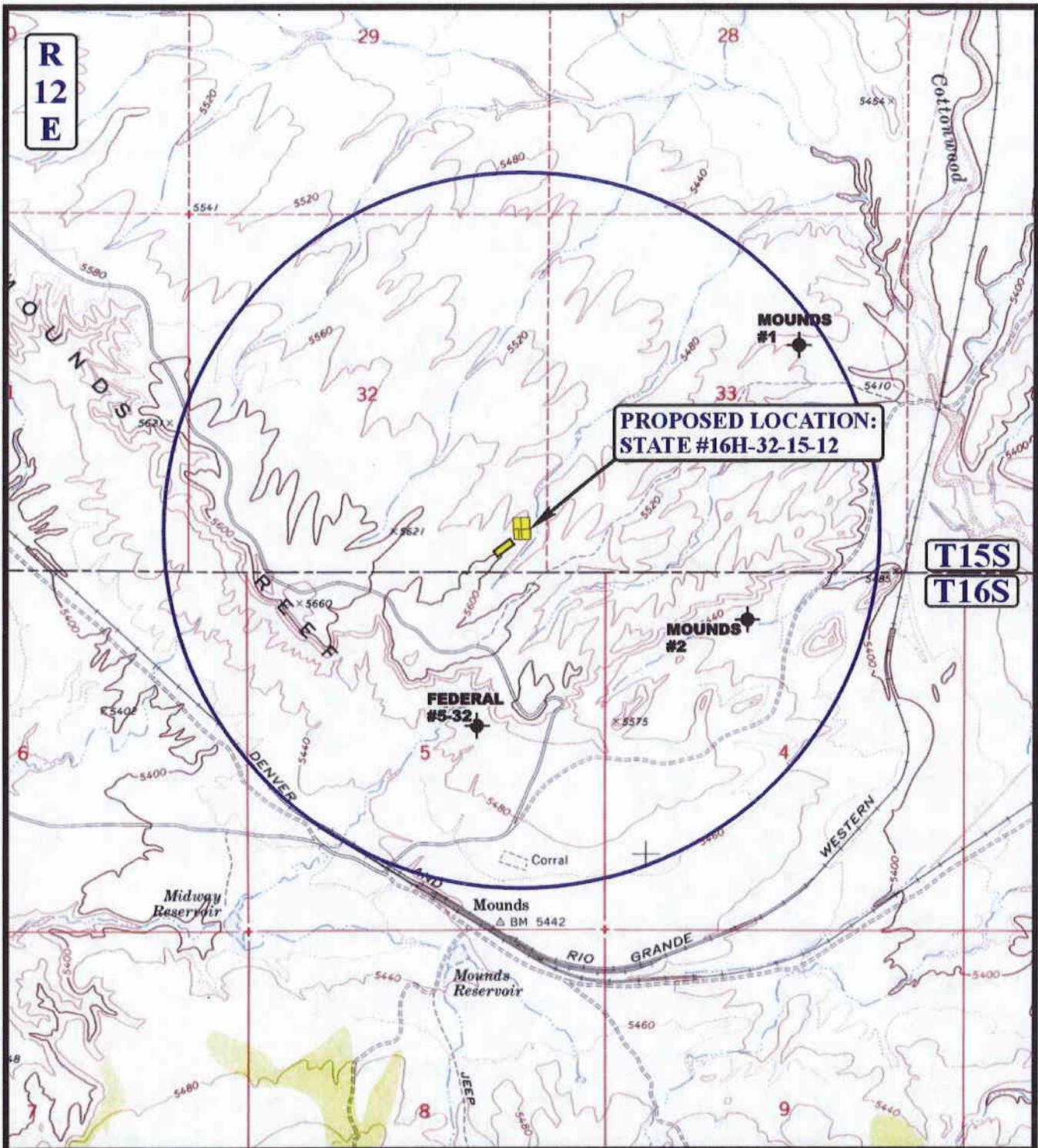
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TOPOGRAPHIC
MAP

11 **06** **08**
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00





LEGEND:

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

BILL BARRETT CORPORATION

STATE #16H-32-15-12
SECTION 32, T15S, R12E, S.L.B.&M.
642' FSL 370' FEL



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TOPOGRAPHIC
MAP

11	06	08
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00



BILL BARRETT CORPORATION

STATE #16H-32-15-12

LOCATED IN CARBON COUNTY, UTAH
SECTION 32, T15S, R12E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

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

LOCATION PHOTOS

11 06 08
MONTH DAY YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: Z.L.

REVISED: 00-00-00

STATE ACTIONS
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or February 1, 2009
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: Bill Barrett Corporation proposes to drill the State 16H-32-15-12 well (wildcat) on State lease ML-49797, Carbon County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 642' FSL 370' FEL, SE/4 SE/4, Section 32, Township 15 South, Range 12 East, Carbon County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Southeastern Utah Association of Government	
10. For further information, contact: Diana Mason Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: December 3, 2008

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

FORM 3

AMENDED REPORT
 (highlight changes)

APPLICATION FOR PERMIT TO DRILL		5 MINERAL LEASE NO. ML-49797	6 SURFACE State
1A TYPE OF WORK DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7 IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
8 TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8 UNIT or CA AGREEMENT NAME N/A	
3 NAME OF OPERATOR BILL BARRETT CORPORATION		9 WELL NAME and NUMBER State 16H-32-15-12	
3 ADDRESS OF OPERATOR 1099 18th St, Suite 230(Denver CO 80202		PHONE NUMBER (303) 312-8134	10 FIELD AND POOL OR WILDCAT Wildcat
4 LOCATION OF WELL (FOOTAGES) AT SURFACE 642' FSL, 370' FEL AT PROPOSED PRODUCING ZONE: SWSW, 800' FSL, 660' FWL, Sec. 32		11 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN SESE 32 15S 12E	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 19 miles southeast of Price, UT		12 COUNTY Carbon	13 STATE UTAH
15 DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 370' SHL / 660' BHL	16 NUMBER OF ACRES IN LEASE 640 acres	17 NUMBER OF ACRES ASSIGNED TO THIS WELL no spacing	
18 DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) SEE ATTACHED	19 PROPOSED DEPTH 11,900	20 BOND DESCRIPTION LPM4138147	
21 ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.) 5563'	22 APPROXIMATE DATE WORK WILL START 2/1/2009	23 ESTIMATED DURATION 60 days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
			SEE ATTACHED

ATTACHMENTS

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

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAN OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

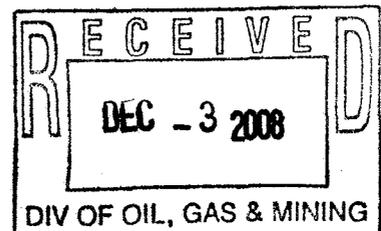
NAME (PLEASE PRINT) Tracey Fallang TITLE Regulatory Analyst
 SIGNATURE *Tracey Fallang* DATE 12/3/08

(This space for State use only)

API NUMBER ASSIGNED 43-007-31482

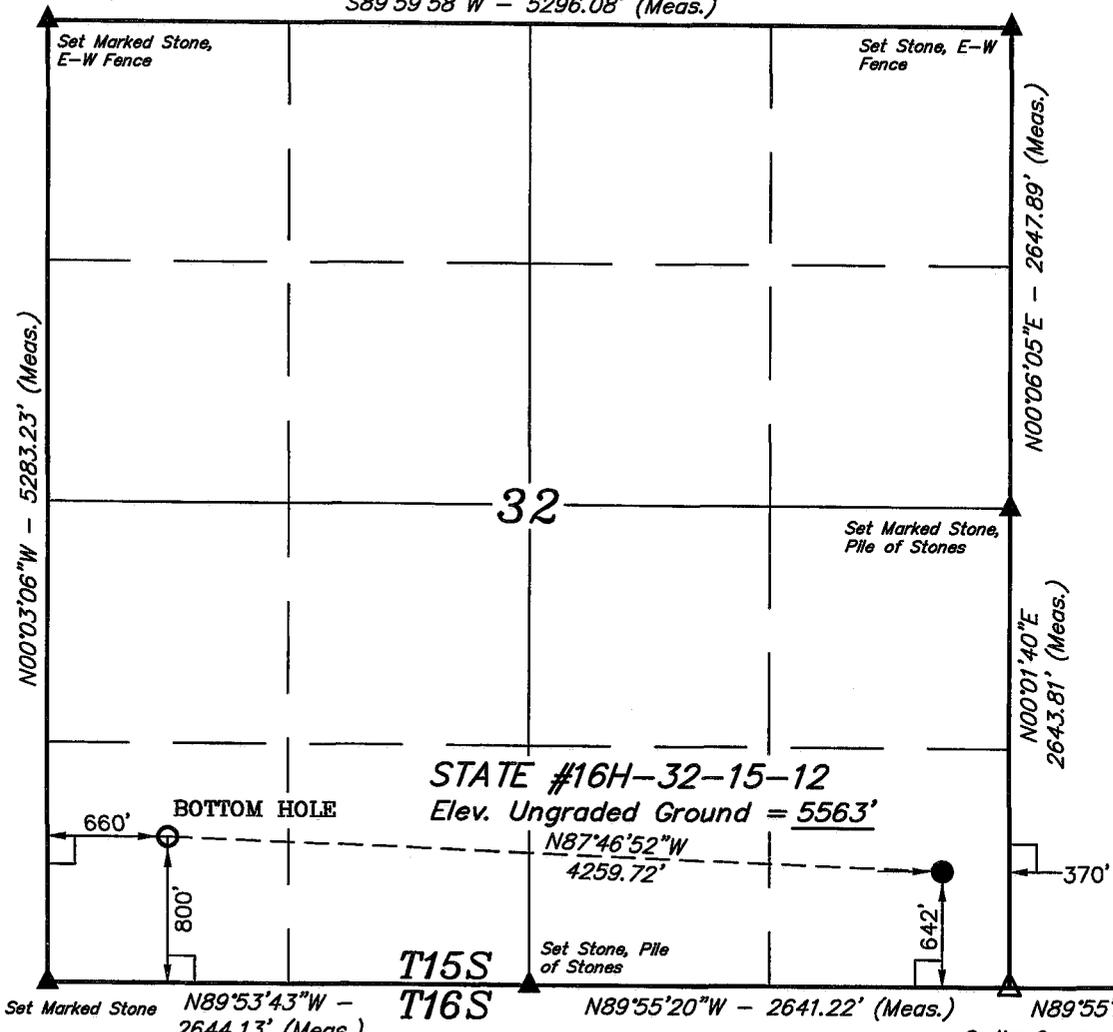
**Approved by the
 Utah Division of
 Oil, Gas and Mining**

APPROVAL
 Date: 01-22-09
 By: *[Signature]*



T15S, R12E, S.L.B.&M.

S89°59'58"W - 5296.08' (Meas.)



BILL BARRETT CORPORATION

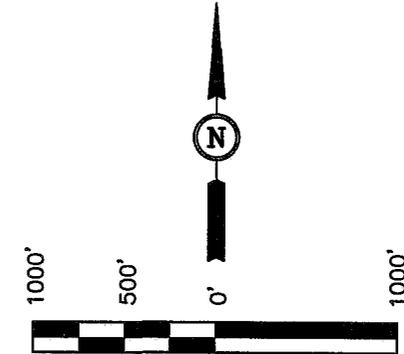
Well location, STATE #16H-32-15-12, located as shown in the SE 1/4 SE 1/4 of Section 32, T15S, R12E, S.L.B.&M., Carbon County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 32, T14S, R13E, S.L.B.&M., TAKEN FROM THE SUNNYSIDE QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5940 FEET.

BASIS OF BEARINGS

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

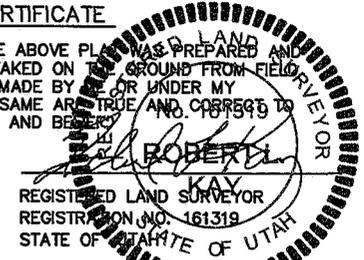


SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

S 1/4 Cor. Sec. 34,
Set Marked Stone,
Pile of Stones



Section Corner
Re-Established by
Single Proportion
Method (Not Set
on Ground)

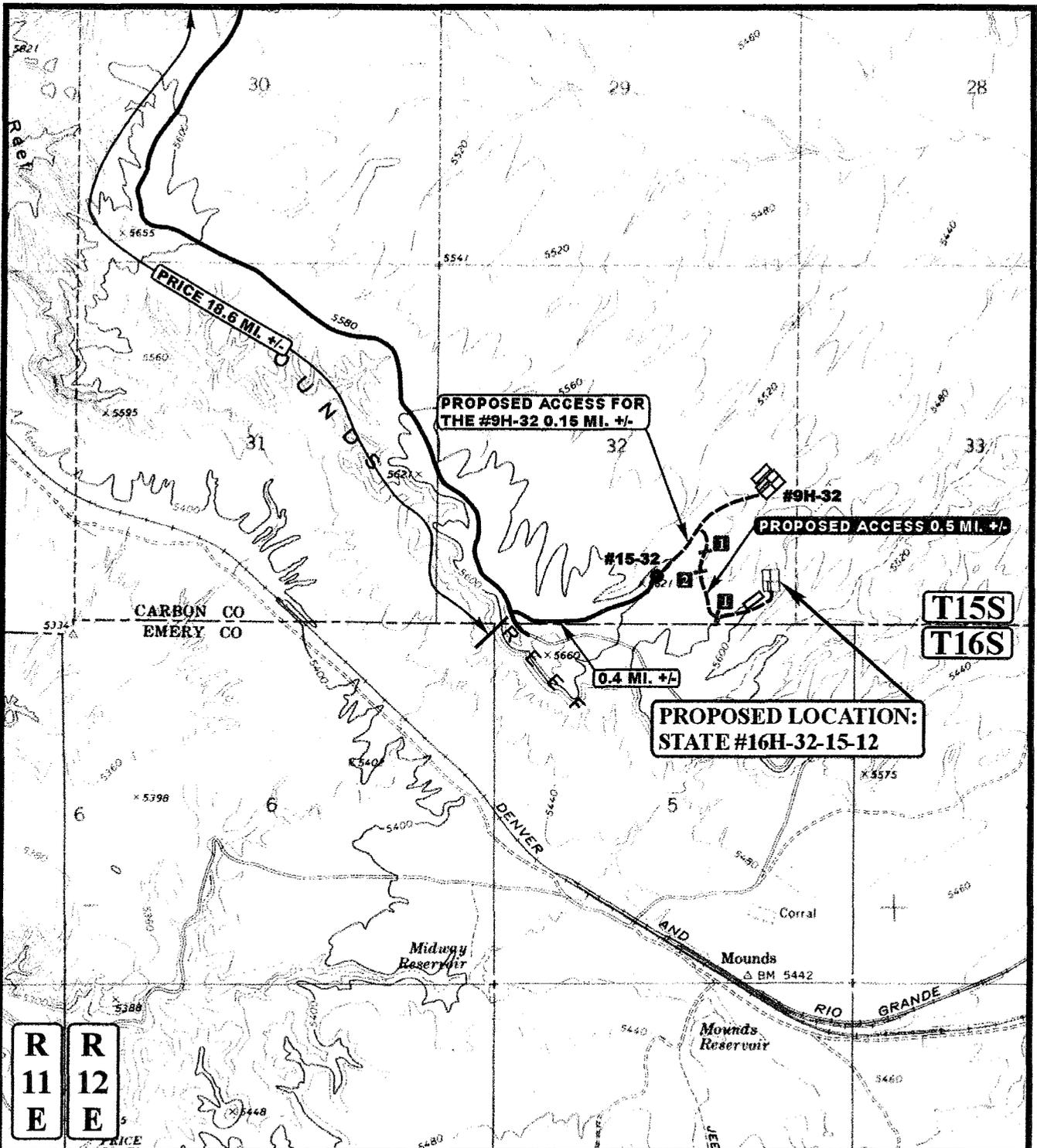
LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°28'19.00" (39.471944)	LATITUDE = 39°28'17.42" (39.471506)
LONGITUDE = 110°36'20.02" (110.605561)	LONGITUDE = 110°35'25.76" (110.590489)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°28'19.12" (39.471978)	LATITUDE = 39°28'17.54" (39.471539)
LONGITUDE = 110°36'17.46" (110.604850)	LONGITUDE = 110°35'23.20" (110.589778)

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

SCALE 1" = 1000'	DATE SURVEYED: 10-27-08	DATE DRAWN: 11-05-08
PARTY M.A. N.F. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- 1 18" CMP REQUIRED
- 2 24" CMP REQUIRED

BILL BARRETT CORPORATION

STATE #16H-32-15-12
 SECTION 32, T15S, R12E, S.L.B.&M.
 642' FSL 370' FEL

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



TOPOGRAPHIC MAP 11 06 08
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00 **B**
 TOPO

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/03/2008

API NO. ASSIGNED: 43-007-31482

WELL NAME: STATE 16H-32-15-12
 OPERATOR: BILL BARRETT CORP (N2165)
 CONTACT: TRACEY FALLANG

PHONE NUMBER: 303-312-8134

PROPOSED LOCATION:

SWSW

SESE 32 150S 120E
 SURFACE: 0642 FSL 0370 FEL
 BOTTOM: 0800 FSL 0660 FWL
 COUNTY: CARBON
 LATITUDE: 39.47147 LONGITUDE: -110.5898
 UTM SURF EASTINGS: 535285 NORTHINGS: 4368970
 FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DVED	1/21/09
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-49797
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: MNCYN
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. LPM 4138148)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 91-4122)
- RDCC Review (Y/N)
(Date: 12/18/2008)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3. Horizontal
- Unit: _____
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit _____
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

Temp 640' Spacing
Needs Permit (12-18-08)

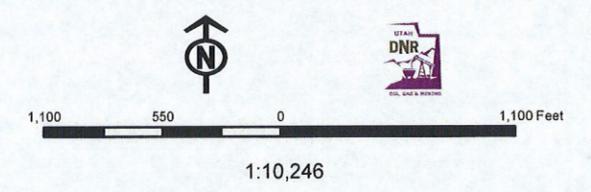
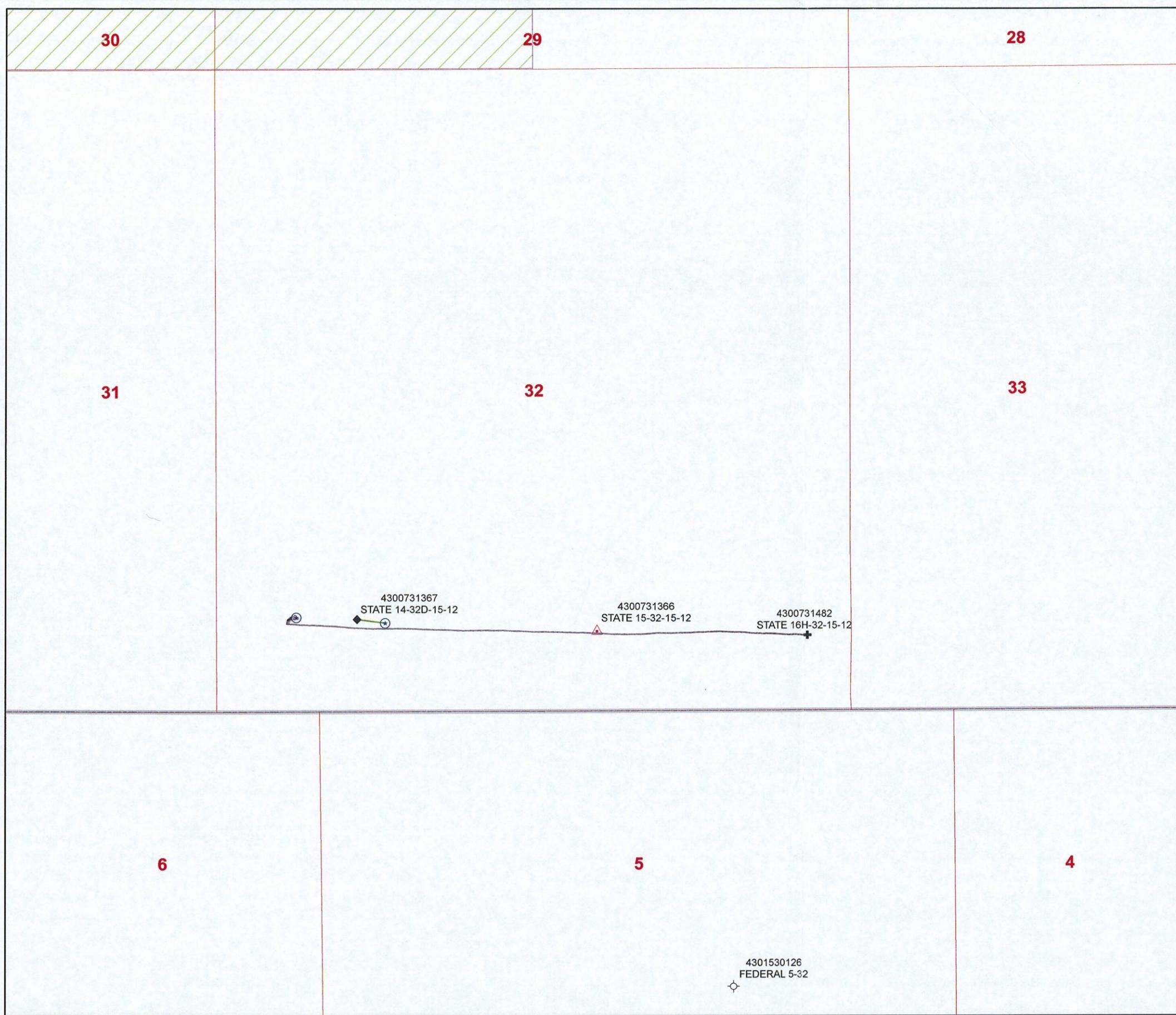
STIPULATIONS:

- 1- Spacing Slip
- 2- STATEMENT OF BASIS
- 3- CEMENT STIP #3A (7" intermediate 1000' MD Morrison Fan)
- 4- THE STATE 16H-32-15-12 SHALL NOT BE PRODUCED CONCURRENTLY WITH THE STATE 15-32-15-12 WITHOUT PRIOR APPROVAL FROM THE BOARD OF OIL, GAS AND MINING.

API Number: 4300731482
Well Name: STATE 16H-32-15-12
Township 15.0 S Range 12.0 E Section 32
Meridian: SLBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|---------------------------|
| Units | Wells Query Events |
| STATUS | ✕ <all other values> |
| ACTIVE | GIS_STAT_TYPE |
| EXPLORATORY | ■ <Null> |
| GAS STORAGE | ◆ APD |
| NF PP OIL | ⊙ DRL |
| NF SECONDARY | ⊙ GI |
| PI OIL | ⊙ GS |
| PP GAS | ⊙ LA |
| PP GEOTHERML | ⊕ NEW |
| PP OIL | ⊕ OPS |
| SECONDARY | ⊙ PA |
| TERMINATED | ⊙ PGW |
| Fields | ⊙ POW |
| STATUS | ⊙ RET |
| ACTIVE | ⊙ SGW |
| COMBINED | ⊙ SOW |
| Sections | ⊙ TA |
| | ⊙ TW |
| | ⊙ WD |
| | ⊙ WI |
| | ⊙ WS |



Application for Permit to Drill

Statement of Basis

1/14/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1216	43-007-31482-00-00		GW	S	No
Operator	BILL BARRETT CORP		Surface Owner-APD		
Well Name	STATE 16H-32-15-12		Unit		
Field	WILDCAT		Type of Work		
Location	SESE 32 15S 12E S 642 FSL 370 FEL		GPS Coord (UTM) 535285E 4368970N		

Geologic Statement of Basis

Significant volumes of high quality ground water are unlikely to be encountered at this location. A poorly to moderately permeable soil is likely to be developed on the Upper Part of the Blue Gate Member of the Mancos Shale. The proposed casing and cementing program should adequately isolate any zones of fresh water that may be penetrated. There are no underground water rights filed within a mile of the proposed well site.

Chris Kierst
APD Evaluator

1/13/2009
Date / Time

Surface Statement of Basis

Attending: Mark Jones (DOGM), Brandon Murdock (BBC), Danny Rasmussen (UELS), Don Bennett (Nielson Const.), Rex Sacco (Carbon County).

Invited, but electing not to attend: SITLA and DWR.

DWR list proposed project site as year long pronghorn antelope range. During severe winters the rims of the reef surrounding proposed project are considered particularly important to antelope as they blow/melt free of snow.

DOGM notes relatively flat site void of taller vegetation, such as the proposed project site, develop problems with rig traffic leaving permitted areas. Precautions such as signs and fencing should be implemented to manage these activities.

DOGM noted the rim and areas adjacent to it are likely spots for fossils. Paleo survey indicate shark teeth were located in survey.

DOGM will handle the frac pit under the same guidelines, requirements and rules as a reserve pit.

Mark Jones
Onsite Evaluator

12/18/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The frac pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name STATE 16H-32-15-12
API Number 43-007-31482-0 **APD No** 1216 **Field/Unit** WILDCAT
Location: 1/4,1/4 SESE **Sec** 32 **Tw** 15S **Rng** 12E 642 FSL 370 FEL
GPS Coord (UTM) 535291 4368979 **Surface Owner**

Participants

Mark Jones (DOGM), Brandon Murdock (BBC), Danny Rasmussen (UELS), Don Bennett (Nielson Const.), Rex Sacco (Carbon County).

Regional/Local Setting & Topography

Proposed project area is located ~8 miles southeast of Wellington City, in Carbon County Utah. The proposed project site sits near the top of a small reef rising to the south towards the San Rafeal Swell. Drainage flows into Grassy Trails Creek within three miles and eventually to the Price River 10 miles away. Project site is located in a 8-10" precept zone at the northern extent of the San Rafeal Swell. Regionally agriculture lands are located along the valley floor 5 miles to the west. Regionally, the climate is arid rangelands dominated by Salt Scrub shrub lands and Pinion/Juniper woodlands. Soils in the region are generally poorly developed, and moderate too highly erosive.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat

New Road

Miles	Well Pad	Src Const Material	Surface Formation
0.75	Width 240	Length 325	Onsite

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Flora

Grass: Indian rice grass, curely galleta

Forbs: Desert parsely, funnel lily

Shrubs: bud sage, black sage, gray horse brush, shadescale, broom snakeweed, Nuttles saltbrush.

Trees: none

Other: prickly pear spp.

Fauna: Host of small mammals and reptiles possible. DWR listes as year long prong horn antelope range. Durring sever winter conditions antelope congregate along melted/blown off portions along reef. Use by coyote and bobcat likely.

Soil Type and Characteristics

Predominantly gray clays/shale's, some smaller sandstone fragments.

Erosion Issues Y

Soils prone to wind erosion, mitigation not recommended.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

Diversion of drainages around the wellpad and access are required.

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y

Paleo Potential Observed? Y

Cultural Survey Run? Y

Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Low permeability	0
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 5 3 **Sensitivity Level**

Characteristics / Requirements

A dugout earthen reserve pit will be used (70' x 125' x 12').

A frac pit is also being requested. It will be constructed alongside the access road just prior to entering the well pad (100' x 300' x 12').

Closed Loop Mud Required? N

Liner Required? N

Liner Thickness

Pit Underlayment Required? N

Other Observations / Comments

Concerns were raised by SITLA via email about the frac pit being reclaimed as soon as possible to keep it from being used as a water disposal site.

Mark Jones

12/18/2008

Evaluator

Date / Time



Online Services

Agency List

Business

Search

Utah Division of Water Rights



There are no features in the query area.

Click on the back button to try again

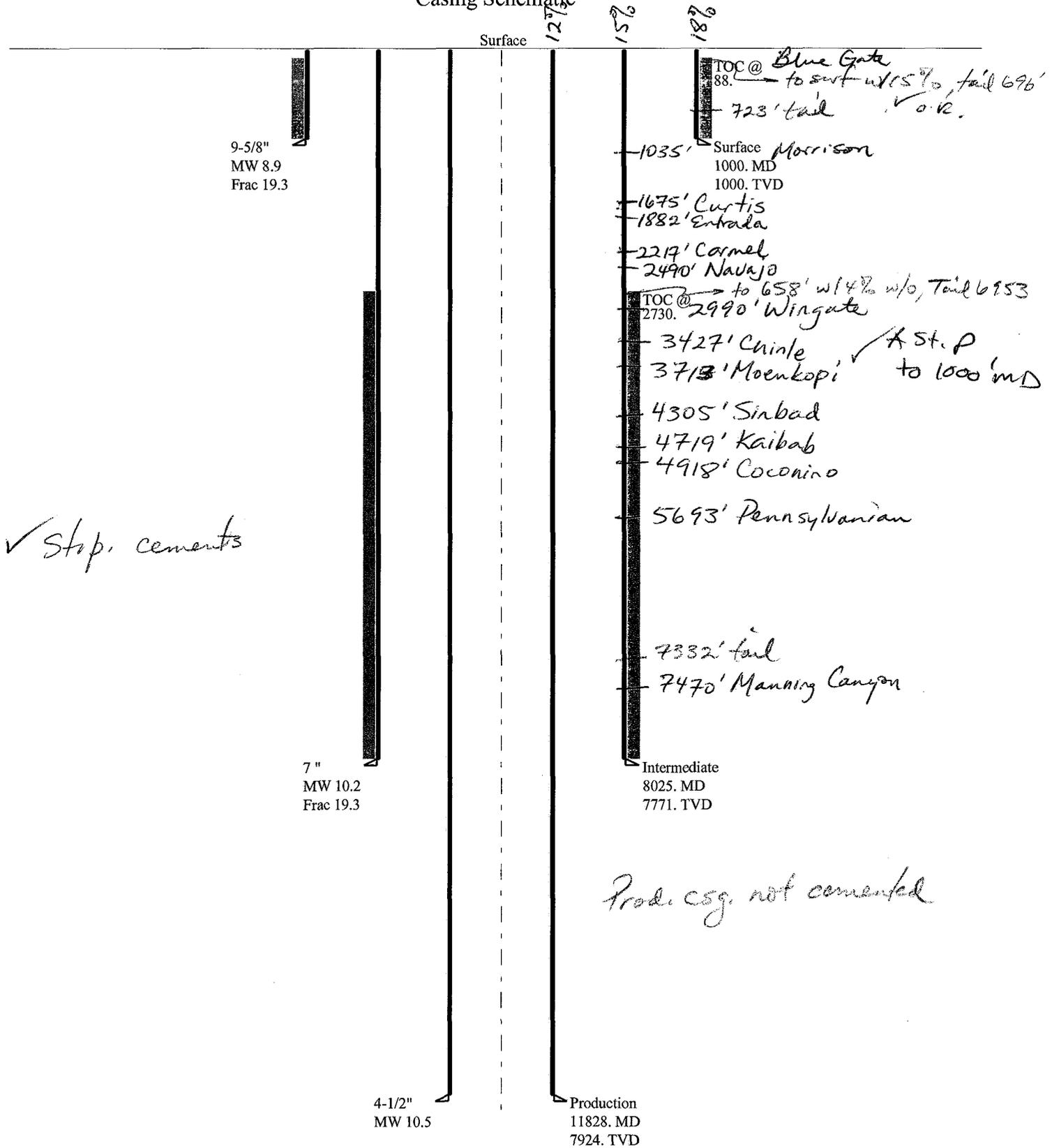
Please direct questions and comments regarding the map server to: leeschler@utah.gov.

[back](#)

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Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240
[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Casing Schematic



Well name:	4300731482000 State 16H-32-15-12	
Operator:	Bill Barrett Corporation	Project ID:
String type:	Surface	43-007-31482-0000
Location:	Carbon County	

Design parameters:

Collapse

Mud weight: 8.900 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: 65 °F
 Bottom hole temperature: 79 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 185 ft
 Cement top: 88 ft

Burst

Max anticipated surface pressure: 880 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 1,000 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: 1.50 (B)

Tension is based on air weight.
 Neutral point: 868 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,771 ft
 Next mud weight: 10.200 ppg
 Next setting BHP: 4,118 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 1,000 ft
 Injection pressure: 1,000 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)	Internal Capacity (ft³)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	434
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	462	2020	4.370	1000	3520	3.52	36	394	10.95 J

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

Phone: 831-538-5357
 FAX: 801-359-3940

Date: January 20, 2009
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.9 ppg. The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	4300731482000 State 16H-32-15-12	
Operator:	Bill Barrett Corporation	
String type:	Intermediate	Project ID: 43-007-31482-0000
Location:	Carbon County	

Design parameters:	Minimum design factors:	Environment:
<u>Collapse</u>	<u>Collapse:</u>	H2S considered? No
Mud weight: 10.200 ppg	Design factor 1.125	Surface temperature: 65 °F
Design is based on evacuated pipe.		Bottom hole temperature: 174 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 1,500 ft
	<u>Burst:</u>	Cement top: 2,730 ft
	Design factor 1.00	
<u>Burst</u>		
Max anticipated surface pressure: 2,579 psi	<u>Tension:</u>	Directional well information:
Internal gradient: 0.220 psi/ft	8 Round STC: 1.80 (J)	Kick-off point 7300 ft
Calculated BHP 4,289 psi	8 Round LTC: 1.80 (J)	Departure at shoe: 458 ft
No backup mud specified.	Buttress: 1.60 (J)	Maximum dogleg: 12 °/100ft
	Premium: 1.50 (J)	Inclination at shoe: 87.69 °
	Body yield: 1.50 (B)	Re subsequent strings:
	Tension is based on air weight.	Next setting depth: 7,924 ft
	Neutral point: 6,651 ft	Next mud weight: 10.500 ppg
		Next setting BHP: 4,322 psi
		Fracture mud wt: 19.250 ppg
		Fracture depth: 7,771 ft
		Injection pressure: 7,771 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)	Internal Capacity (ft³)
2	7000	7	23.00	N-80	LT&C	7000	7000	6.25	1547.2
1	1025	7	26.00	N-80	LT&C	7771	8025	6.151	220.2

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
2	3709	3791	1.022	4119	6340	1.54	181	442	2.44 J
1	4118	4954	1.203	4289	7240	1.69	20	519	25.88 J

Prepared by: Helen Sadik-Macdonald Div of Oil, Gas & Mining	Phone: 831-538-5357 FAX: 801-359-3940	Date: January 20, 2009 Salt Lake City, Utah
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ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 7771 ft, a mud weight of 10.2 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	4300731482000 State 16H-32-15-12	
Operator:	Bill Barrett Corporation	
String type:	Production	Project ID: 43-007-31482-0000
Location:	Carbon County	

Design parameters:

Collapse

Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 176 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Burst

Max anticipated surface pressure: 2,579 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,322 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: 1.50 (B)

Tension is based on air weight.
Neutral point: 6,662 ft

Directional well information:

Kick-off point 7300 ft
Departure at shoe: 4258 ft
Maximum dogleg: 12 °/100ft
Inclination at shoe: 87.7 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11828	4.5	15.10	P-110	LT&C	7924	11828	3.701	944.3
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	4322	14350	3.320	4322	14420	3.34	120	406	3.39 J

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

Phone: 831-538-5357
FAX: 801-359-3940

Date: January 20, 2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 7924 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

Bill Barrett State 16H-32-15-12 API 43-007-31482-0000

Well Name	Bill Barrett State 16H-32-15-12 API 43-007-31482-0000		
	String 1	String 2	String 3
Casing Size (")	9 5/8	7	4 1/2
Setting Depth (TVD)	1000	7771	7924
Previous Shoe Setting Depth (TVD)	40	1000	7771
Max Mud Weight (ppg)	8.9	10.2	10.5
BOPE Proposed (psi)	0	3000	3000
Casing Internal Yield (psi)	3520	7240	14420
Operators Max Anticipated Pressure (psi)	4327		10.5 ppg

Calculations	String 1		9 5/8 "
Max BHP [psi]	.052*Setting Depth*MW =		463
	BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		343 NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		243 NO
	*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =		252 NO Reasonable Depth
Required Casing/BOPE Test Pressure			1000 psi
*Max Pressure Allowed @ Previous Casing Shoe =			40 psi *Assumes 1psi/ft frac gradient

Calculations	String 2		7 "
Max BHP [psi]	.052*Setting Depth*MW =		4122
	BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		3189 NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		2412 YES ✓
	*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =		2632 ← NO Reasonable
Required Casing/BOPE Test Pressure			3000 psi
*Max Pressure Allowed @ Previous Casing Shoe =			1000 psi *Assumes 1psi/ft frac gradient

Calculations	String 3		4 1/2 "
Max BHP [psi]	.052*Setting Depth*MW =		4327
	BOPE Adequate For Drilling And Setting Casing at Depth?		
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =		3376 NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =		2583 YES ✓
	*Can Full Expected Pressure Be Held At Previous Shoe?		
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =		4293 YES ✓
Required Casing/BOPE Test Pressure			3000 psi
*Max Pressure Allowed @ Previous Casing Shoe =			7240 psi *Assumes 1psi/ft frac gradient

Diana Mason - New RDCC Projects Notice (12/07/2008)

From: Robert Clark (Diana Mason)
To: Diana Mason
Subject: New RDCC Projects Notice (12/07/2008)

The following comments are in response to short turn-around item **RDCC #10063**.

RDCC #10063, Comments begin: The Bill Barrett Corporation proposal to drill the State 16H-32-15-12 wildcat well, in Carbon County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: *Permit: Notice of Intent and Approval Order*, of the Utah Air Quality Rules. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project, in Carbon County, is subject to R307-205-5: *Fugitive Dust*, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

Robert Clark
Division of Air Quality
801-536-4435

From: "Rex L. Sacco" <Rex.Sacco@carbon.utah.gov>
To: Diana Mason <dianawhitney@utah.gov>
Date: 12/16/2008 11:19 AM
Subject: RE: Microsoft Word - APD SITLA Ld Mounds Area 12_08.pdf - Adobe Reader

I'm sorry; I didn't put an Re: on the letter. It is really a general comment pertaining to many wells and the company's ability to have mitigation points for the work that they do. But Specifically the well is State 16H 32-15-12 on State Lease ML-49797 in Carbon County. Your Number on the Application to drill is 43-007-31482. Hope this helps. Sorry again for the confusion.

Rex Sacco
Public Lands Director
Carbon County Utah
120 East Main Street
Price, Utah 84501
Phone 435-636-3712
Fax 435-636-3264
rex.sacco@carbon.utah.gov

-----Original Message-----

From: Diana Mason [mailto:dianawhitney@utah.gov]
Sent: Tuesday, December 16, 2008 11:09 AM
To: Rex L. Sacco
Subject: Re: Microsoft Word - APD SITLA Ld Mounds Area 12_08.pdf - Adobe Reader

Which well is this for?

>>> "Rex L. Sacco" <Rex.Sacco@carbon.utah.gov> 12/16/2008 11:04 AM >>>
Please confirm receipt.

Rex Sacco
Public Lands Director
Carbon County Utah
120 East Main Street
Price, Utah 84501
Phone 435-636-3712
Fax 435-636-3264
rex.sacco@carbon.utah.gov



Carbon County

Utah's Castle Country

CARBON COUNTY PUBLIC LANDS DEPARTMENT

Rex Sacco, Director

120 East Main Street Price, Utah. 84501

Phone 435-636-3712 Fax 435-636-3264

rex.sacco@carbon.utah.gov

December 16, 2008

Ms. Diana Mason
Division of Oil Gas & Mining
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-5801

Ms. Mason,

On behalf of Carbon County, I render these comments understanding that they will be used to develop a management standard in the development of drilling activity in this area of Carbon County.

Carbon County supports the development of all resources in our county. The development of liquid hydrocarbons has over the past several years have overtaken coal development. Much of our infrastructure is dependent on the royalty we derive from the continued development of non-renewable resources in our area.

Carbon County is also cognizant of other historic and cultural uses of our lands; in particular grazing and access for recreation and transportation purposes. In the mapping of the proposed development the road intersects a class B county road. It then traverses a road historically used mostly for livestock management. The newly proposed road then breeches and allotment fence to access the drilling sites.

Carbon County feels that both the county and the grazing permittees need to be aware of this proposed action and make sure that adequate protections are in place for restricting livestock trespass. The county would ask that any road encroachments onto county roads be first permitted under County Ordinance #383. Standards are in place to allow and also reduce liability for both the producer and the County by adhering to these standards.

Finally, Carbon County would appreciate permittee involvement in mitigation practices on grazing allotments. The State has issued Livestock Water permits to permittees and SITLA lands need to keep their water rights intact as a part of their fiduciary responsibility under the Enabling Act. The cleaning and maintenance of any ponds that serve as a water source for both livestock and wildlife should be included in any mitigation process allowing the energy development companies points for assisting in these practices as a means of bettering the renewable resources in the area.

Thank you for the opportunity to comment. If you have and questions please contact me.
rls

From: Jim Davis
To: Bonner, Ed; Mason, Diana
Date: 1/7/2009 3:15 PM
Subject: Bill Barrett 16H-32-15-12 approval

CC: Garrison, LaVonne
The following well has been approved by SITLA including arch and paleo clearance.

4300731482 STATE 16H-32-15-12 Bill Barrett Corp Wildcat SESE 32 150S 120E S

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

January 22, 2009

Bill Barrett Corporation
1099 18th St., Ste. 2300
Denver, CO 80202

Re: State 16H-32-15-12 Well, 642' FSL, 370' FEL, SE SE, Sec. 32, T. 15 South, R. 12 East,
Bottom Location 800' FSL, 660' FWL, SW SW, Sec. 32, T. 15 South, R. 12 East,
Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

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. The API identification number assigned to this well is 43-007-31482.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Carbon County Assessor
SITLA



Operator: Bill Barrett Corporation
Well Name & Number State 16H-32-15-12
API Number: 43-007-31482
Lease: ML-49797

Location: SE SE **Sec.** 32 **T.** 15 South **R.** 12 East
Bottom Location: SW SW **Sec.** 32 **T.** 15 South **R.** 12 East

Conditions of Approval

1. 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.

2. Notification Requirements

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

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

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

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

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

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
7. 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.
8. Cement volume for the 7" intermediate production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000' MD in order to adequately isolate the Morrison formation.
9. The State 16H-32-15-12 shall not be produced concurrently with the State 15-32-15-12 without prior approval from the Board of Oil, Gas and Mining.
10. 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: BILL BARRETT CORP

Well Name: STATE 16H-32-15-12

Api No: 43-007-31482 Lease Type: STATE

Section 32 Township 15S Range 12E County UINTAH

Drilling Contractor TRIPLE A DRILLING RIG # #4

SPUDDED:

Date 03/02/09

Time 3:00 PM

How DRY

Drilling will Commence: _____

Reported by TRACEY FALLANG - EMAIL

Telephone # _____

Date 03/02/09 Signed CHD

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) 312-8134

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731482	State 16H-32-15-12		SESE	32	15S	12E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17290	3/2/2009			3/5/09	
Comments: Spud by Triple A drilling at 3:00 p.m. MNCYN BHL-SWSW							

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)

Tracey Fallang

Name (Please Print)

Tracey Fallang

Signature

Regulatory Analyst

3/2/2009

Title

Date

RECEIVED

MAR 02 2009

DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797	
SUNDRY NOTICES AND REPORTS ON WELLS	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
7. UNIT or CA AGREEMENT NAME: N/A	
8. WELL NAME and NUMBER: State 16H-32-15-12	
9. API NUMBER: 4300731482	
10. FIELD AND POOL, OR WILDCAT: Wildcat	11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	
2. NAME OF OPERATOR: BILL BARRETT CORPORATION	
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 312-8134
4. LOCATION OF WELL FOOTAGES AT SURFACE: 642' FSL, 370' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 32 15S 12E	COUNTY: Carbon STATE: UTAH

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>April 2009</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Request for Wildcat Status</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This sundry is being submitted to request that this well be designated as a wildcat well under the provisions of R649-3-35. This well is not located within a federal unit and is under statewide spacing. The well has been spud with conductor pipe and continuous drilling is scheduled to begin in April 2009.

BBC requests a preliminary determination of wildcat designation and additional information will be provided upon well completion.

COPY SENT TO OPERATOR

Date: 5.4.2009

Initials: KS

NAME (PLEASE PRINT) Tracey Fallang

TITLE Regulatory Analyst

SIGNATURE Tracey Fallang

DATE 3/12/2009

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 4/28/09

BY: [Signature] (See Instructions on Reverse Side)

CC: Tax Commission (emailed)

RECEIVED

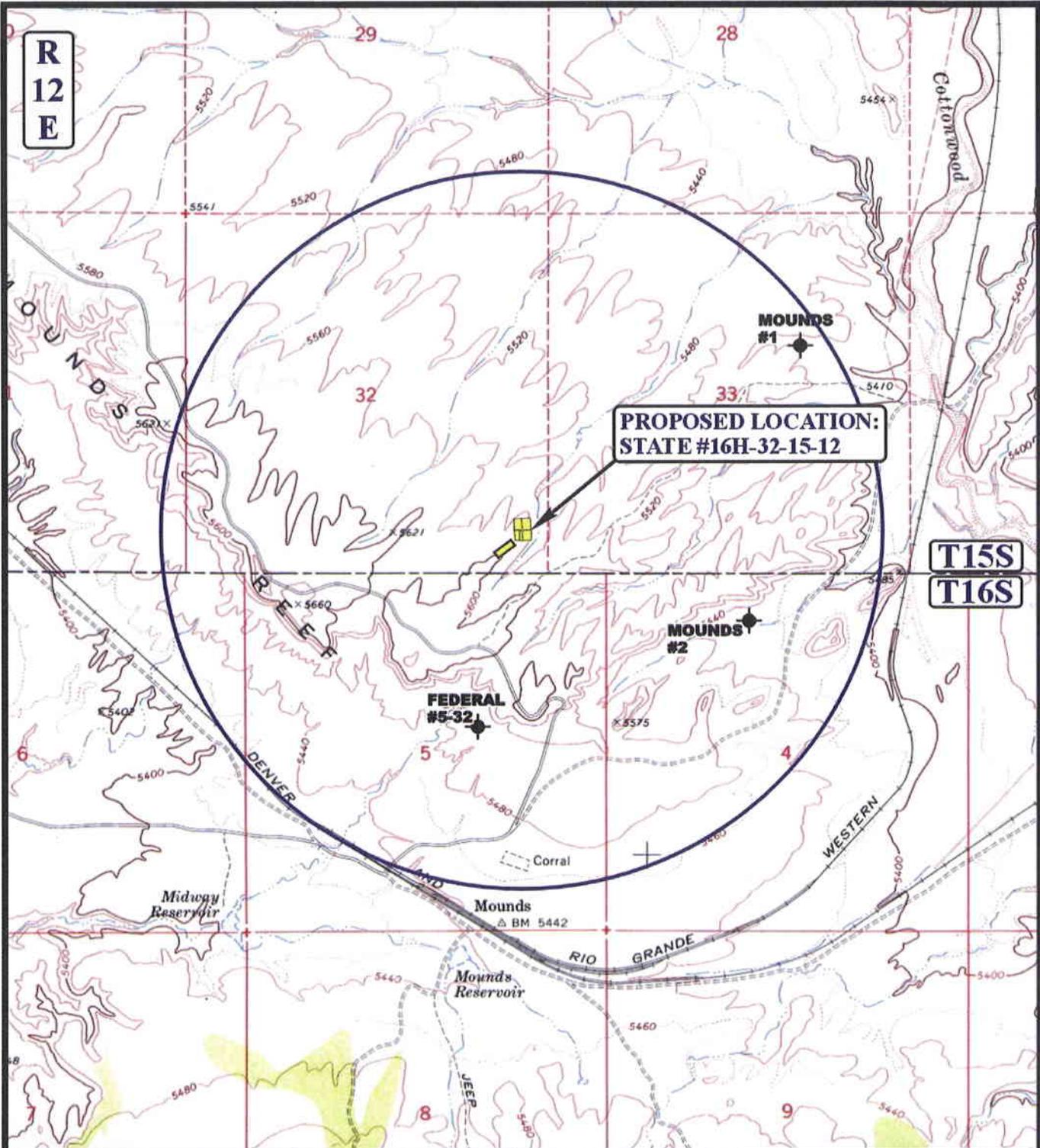
MAR 16 2009

DIV. OF OIL, GAS & MINING

* Preliminary determination only
** See attached Statement of Basis

16H-32-15-12 Wildcat Designation

- 1.2.1 Plat Map Attached. There are no producing wells from the Manning Canyon Shale Formation within a one mile radius from our horizontal well. This zone currently does not produce in Emery or Carbon counties, Utah. It is the only known target for this well.
- 1.2.2 The shale of the Manning Canyon is the target formation. This zone has not produced commercial hydrocarbons to date. The Manning Canyon shale was penetrated in the Bill Barrett Corporation State #15-32-15-12 well. This well encountered gas shows that lead to the decision to drill the BBC State #16H-32-15-12 as a horizontal well to test the commercial capabilities of the Manning Canyon. The Equity Oil #1 was drilled to 9,360 feet and encountered gas shows in the Mississippian Manning Canyon. The Equity Oil #1 was completed as a dry hole. The Skyline Federal 5-32 was drilled to 4,430 feet to test the Moenkopi formation. The 5-32 well was plugged and abandoned in May of 1983. The Equity Oil #2 was drilled to a total depth of 4,678 feet in 1952 and was plugged and abandoned. The Integrated Energy LLC Federal 4-32 was drilled in 1982 to a total depth of 4,450 feet. The well produced 788 BO from the Moenkopi formation in 1982/1983. The well is currently shut in.
- 1.2.3 Cross section attached. The cross section depicts the State #15-13-15-12 and the projected path of the State #16H-32-15-12 well. The Gamma Ray and Gas curve are displayed on the State #15-32-15-12 borehole.
- 1.2.4 It is currently believed that structure does not contribute to potential production.
- 1.2.5 Not applicable.
- 1.2.6 There are 17 wells in the Drunkards Wash to the northern San Rafael Swell area that have penetrated the Manning Canyon Shale. Mud logs, geologic reports, DST's and completions are available on 11 of these wells, all reporting a variety of gas shows from the Manning Canyon interval. The potential for completing shale for hydrocarbon production is relatively new (late '90s – Barnett Shale) and all but one of these show wells were drilled before the Barnett became commercially productive. All these tests that report free gas were unsuccessful attempts to produce tight limes and dolomites (conventional reservoirs) within the Manning Canyon interval. Shell Oil has recently drilled and completed the first Manning Canyon “Shale Test”, results are unknown by BBC.



LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊕ WATER WELLS |
| ● PRODUCING WELLS | ⊖ ABANDONED WELLS |
| ⊙ SHUT IN WELLS | ⊘ TEMPORARILY ABANDONED |



BILL BARRETT CORPORATION

STATE #16H-32-15-12
 SECTION 32, T15S, R12E, S.L.B.&M.
 642' FSL 370' FEL

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

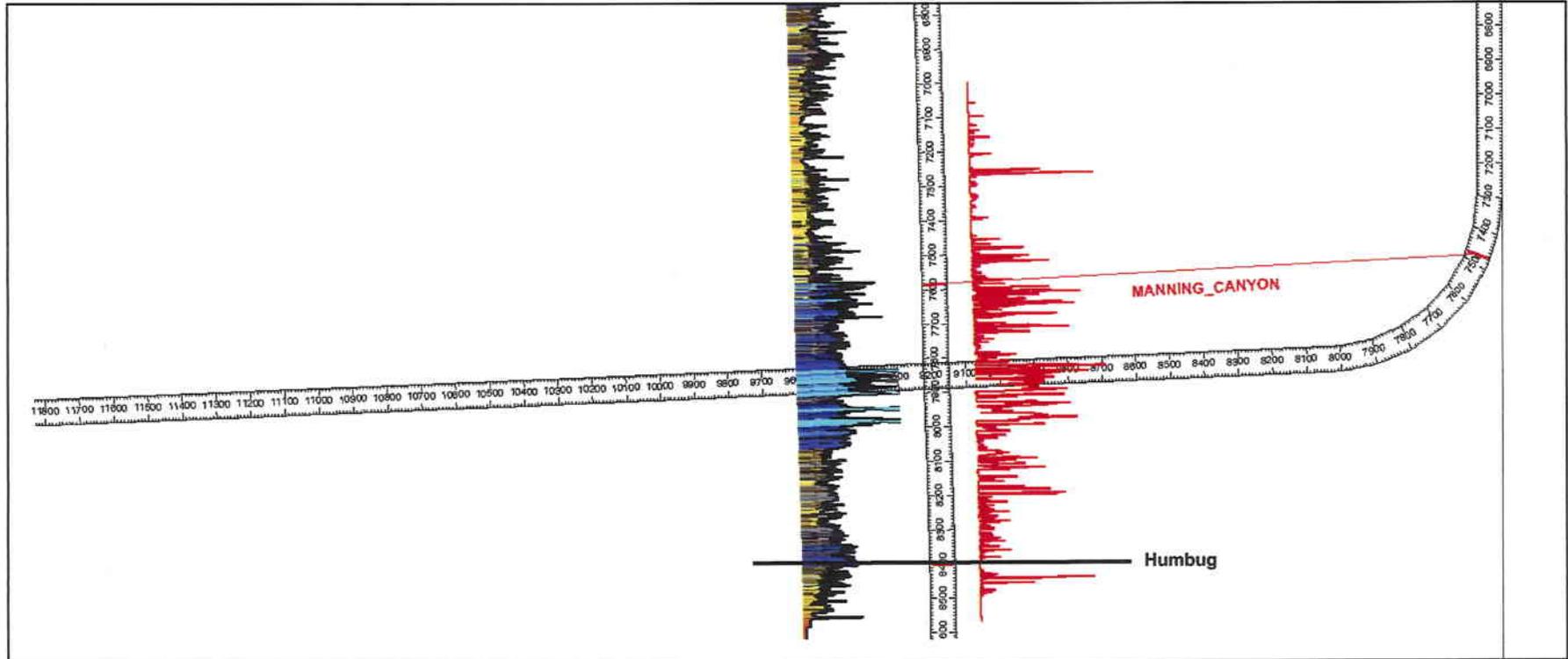
TOPOGRAPHIC MAP 11 06 08
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00



BBC
State #15-32-15-12

BBC
State #16H-32-15-12

GR  Gas



15S/12E

31

32

33

Equity Oil Co. 1

Bill Barrett Corp.
State 15-32-15-12

Bill Barrett Corp.
State 16H-32-15-12

Bill Barrett Corp.
State 16H-32-15-12 (BH)

Equity Oil Co. 2

Skyline Oil Co. 5-32

Genesis Petro. US Inc. 4-32

6

5

4

Bill Barrett Corp.
14-4-16-12

Equity Oil Co. 4

16S/12E

Bill Barrett Corporation **Hook**
Carbon & Emery Counties, Utah

Legend

- Bottom Hole
- Location
- 1 Mile Buffer
- ⊕ Dry & Abandoned
- Oil
- ⊛ Gas

0 1,000 2,000 4,000 Feet

March 11, 2009

DIVISION OF OIL, GAS AND MINING
Preliminary Wildcat Well Determination
STATEMENT OF BASIS

Applicant: BILL BARRETT CORPORTATION

Location: SWSW Sec 32 T15S, R12E Carbon County, Utah

WELL NAME: State 16H-32-15-12 **API #:** 43-007-31482

FINDINGS

1. This well is currently being drilled.
2. This well is > 1 mile from known production out of the Manning Canyon formation (Attachment A).
3. The State 15-32-15-12 well is approximately 1752' from well under review and is currently listed as Operations Suspended with a proposed Manning Canyon formation. (Attachment A).
4. The State 15-32-15-12 was preliminarily approved on September 23, 2008 for wildcat status out of the Manning Canyon formation.
5. All other wells within the 1Mile area of review were drilled and either Plugged or Location Abandoned without ever producing (Attachment A).

CONCLUSIONS

Based on the findings above the Division has determined the State 16H-32-15-12 well is planned to be drilled into an unknown area for the Manning Canyon formation with the exception of the State 15-32-15-12 (listed above). According to the APD for the State 16H-32-15-12, Bill Barrett Corporation stated they "will not produce the State 15-32 well unless a spacing order is applied for or the section is included in a federal unit." Therefore, should the well be the first producing in the Manning Canyon formation, the well should qualify for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. Should this occur, the preliminary wildcat determination for the State 15-32-15-12 would be nullified. Upon final completion, the operator should apply to the division for a final determination. This preliminary determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35.

Reviewer(s): Dustin K. Doucet DKD

Date: 4/28/09

Joshua J. Payne

Date: March 26, 2009

ATTACHMENT A

1 Mile Area of Review

API	WELL_NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Type	Dx From Well(ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4301530126	FEDERAL 5-32	PA	SWNE	05	160S	120E	0	0	W	2959			NA	
4301530121	FEDERAL 4-32	SOW	SWNE	04	160S	120E	304	0	D	5198		9/27/1982	2/10/1983	MOENKOPI
4301510358	MOUNDS 2	PA	NENW	04	160S	120E	0	0	E	3664			NA	
4300731482	STATE 16H-32-15-12	DRL	SESE	32	150S	120E	0	0	W	0				MANNING CANYON (PROPOSED)
4300731367	STATE 14-32D-15-12	LA	SWSW	32	150S	120E	0	0	W	3745			NA	
4300731366	STATE 15-32-15-12	OPS	SWSE	32	150S	120E	0	0	W	1752	7/9/2008			MANNING CANYON (PROPOSED)
4300710356	MOUNDS 1	PA	SWNE	33	150S	120E	0	0	E	4816			NA	

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

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		8. WELL NAME and NUMBER: State 16H-32-15-12
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4300731482
		10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 642' FSL, 370' FEL		COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 32 15S 12E		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 (Submit in Duplicate) Approximate date work will start: <u>4/5/2009</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

BBC had originally permitted this well to drill a pilot hole, come up hole setting a cement plug and then kick off to drill the lateral leg. BBC will now drill the hole as a horizontal well, no pilot hole is requested.

In addition as this is still exploratory in nature, BBC would like to have the option to either run an intermediate string in this well or omit it and set only a production string cemented to surface. The horizontal plans submitted with the APD will not change other than the potential omission of the 7" string casing noted. Please see the attached spreadsheet for the two options proposed.

COPY SENT TO OPERATOR
Date: 3/26/2009
Initials: KS

NAME (PLEASE PRINT) Tracey Fallang TITLE Regulatory Analyst
SIGNATURE *Tracey Fallang* DATE 3/19/2009

(This space for State use only)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 3/26/09
BY: *[Signature]*

RECEIVED
MAR 25 2009
DIV. OF OIL, GAS & MINING

Proposed Casing and Cementing Program Options

Size of Hole Casing Size, Grade, and Weight Per Foot Setting Depth Cement Type, Quantity, Yield, and Slurry Weight

Option A

Surface	12 1/4"	9 5/8", J-55, 36#	1000'	Lead: 220 sx, Halliburton Lt Prem, 12.7 ppg, 1.83 ft ³ /sk Tail: 150 sx, Prem, 15.8 ppg, 1.17 ft ³ /sk
Intermediate	8 3/4"	7", N-80, 23# (0 to 7000') 7", N-80, 26# (7000' to 8025')	8025'	Lead: 300 sx, Halliburton Hi-Fill, 11 ppg, 3.87 ft ³ /sk Tail: 130 sx, 50/50 Poz, 13.4 ppg, 1.52 ft ³ /sk
Production	6 1/8"	4 1/2", P-110, 15.1# or 11.6#	11,827'	None

Option B

Surface	12 1/4"	9 5/8", J-55, 36#	1000'	Lead: 220 sx, Halliburton Lt Prem, 12.7 ppg, 1.83 ft ³ /sk Tail: 150 sx, Prem, 15.8 ppg, 1.17 ft ³ /sk
Production	6 1/8"	4 1/2", P-110, 15.1# or 11.6#	11,827'	Lead: 1800 sx Halliburton 50/50 Poz Premium 13.5 ppg; 1.332 ft ³ /sk

Well name:	43007314820000 Barrett State 16H-32-15-12		
Operator:	Bill Barrett Corporation		
String type:	Production	Project ID:	43-007-31482-0000
Location:	Carbon County		

Design parameters:

Collapse

Mud weight: 10.500 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,579 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 4,322 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: 1.50 (B)

Tension is based on air weight.
 Neutral point: 6,680 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 176 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 368 ft

Cement top:

Surface

Directional well information:

Kick-off point 7300 ft
 Departure at shoe: 4258 ft
 Maximum dogleg: 12 °/100ft
 Inclination at shoe: 87.7 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	11828	4.5	11.60	P-110	LT&C	7924	11828	3.875	1032.2
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	4322	7580	1.754 ✓	4322	10690	2.47 ✓	92	279	3.04 J ✓

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

Phone: 831-538-5357
 FAX: 801-359-3940

Date: March 26, 2009
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 7924 ft, a mud weight of 10.5 ppg. The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.
 Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 642' FSL, 370' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 32 15S 12E		8. WELL NAME and NUMBER: State 16H-32-15-12
		9. API NUMBER: 4300731482
		10. FIELD AND POOL, OR WILDCAT: Wildcat
		COUNTY: Carbon
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Activity Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Drilling activity report from 4/22/09 - 5/7/09. #3-16

NAME (PLEASE PRINT) Tracey Fallang	TITLE Regulatory Analyst
SIGNATURE <i>Tracey Fallang</i>	DATE 5/7/2009

(This space for State use only)

RECEIVED
MAY 13 2009

DIV. OF OIL, GAS & MINING

REPORT INFORMATION

Report # : 3 Report Date : 04/23/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress :	0.00 ft	Est. Total Depth :	NaN ft
MD at Report Time :	0.00 ft	Rig on Location(days) :	

OPERATIONS

A.M. Ops :	Move rig
Ops Forecast :	Rig up
24hr. Summary :	Move rig from Oliver 15H
Well Status :	

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	6:00 PM	12.00	1	RIGUP and TEARDOWN	Move rig, perform maintenance, rig up with 13 hands, 2 toolpushers, 2 Dawn bed trucks, 2 Dawn pole trucks, 16 OTR trucks
TOTAL HOURS :	24.00				

RIG INFORMATION

Rig(s) for today :

CONTACTS

Superintendent :	Jack Findlay	Phone # :	970.987.4952
Supervisor :	Jet Lorenzen	Phone # :	303-353-7834

REPORT INFORMATION

Report # : 3 Report Date : 04/24/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress : 0.00 ft Est. Total Depth : NaN ft

MD at Report Time : 0.00 ft Rig on Location(days) :

OPERATIONS

A.M. Ops : Rig up

Ops Forecast : Rig up

24hr. Summary : Rig up with Dawn trk.

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	6:00 PM	12.00	1	RIGUP and TEARDOWN	Rig up with 13 hands, 2 toolpushers. Rig up centrifuge, Pin derrick to sub @ 15:00. Set back yard. Release 1-bed truck and 1-pole truck @19:00.

TOTAL HOURS : 24.00

RIG INFORMATION

Rig(s) for today :

CONTACTS

Superintendent : Jack Findlay Phone # : 970.987.4952

Supervisor : Jet Lorenzen Phone # : 303-353-7834

REPORT INFORMATION

Report # : 4 Report Date : 04/25/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE #	SURFACE LEGAL LOCATION
43-007-31482	SESE-32-15S-12E-W26M

PROGRESS

Progress :	0.00 ft	Est. Total Depth :	NaN ft
MD at Report Time :	0.00 ft	Rig on Location(days) :	

OPERATIONS

A.M. Ops :	Test BOPE
Ops Forecast :	Drill out
24hr. Summary :	Raise derrick, rig up floor, flow line, nipple up test
Well Status :	

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	04:00 AM	22.00	1	RIGUP and TEARDOWN	Slip drilling line damaged during move. Raise derrick @ 10:00. Send one crew home, break tour. Release trucks. Rig up floor. Nipple up new rotating head. Rig up flow line. Weld floor plates. Repair forklift (1hr). Add extensions to shaker slides. Repair split seam in pit liner. Begin day work @ 0:00 - 04/25/09.
04:00 AM	06:00 AM	2.00	15	TEST B.O.P	Test BOPE with Single Jack testing - Vernal
TOTAL HOURS :	24.00				

RIG INFORMATION

Rig(s) for today :

CONTACTS

Superintendent :	Jack Findlay	Phone # :	970.987.4952
Supervisor :	Jet Lorenzen	Phone # :	303-353-7834

REPORT INFORMATION

Report # : 5 Report Date : 04/26/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE #

43-007-31482

SURFACE LEGAL LOCATION

SESE-32-15S-12E-W26M

PROGRESS

Progress : 785.00 ft Est. Total Depth : NaN ft

MD at Report Time : 1800.00 ft Rig on Location(days) :

OPERATIONS

A.M. Ops : Drilling

Ops Forecast : Drilling

24hr. Summary : Drill shoe track. FIT to 11.0 ppg eq. Begin drilling straight hole portion of well.

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	09:30 AM	3.50	15	TEST B.O.P	Test annular to 250 psi and 2500psi for 10 minutes. Test pipe rams, blind rams, choke line, kill line, upper kelly valve, lower kelly valve, dart valve, choke manifold to 250 psi and 3,000 psi for 10 minutes. Test casing to 1500 psi for 30 minutes - Single Jack Testing - Vernal.
09:30 AM	10:30 AM	1.00	15	TEST B.O.P	Install wear ring
10:30 AM	1:30 PM	3.00	21	BHA	Repair thread half on flow line. Make up bit #1 Pick up 6 3/4 Weatherford 7/8 2.9 stg. 0.16 Rpg. motor set at 1.5 deg. Scribe to Weatherford EMMWD.
1:30 PM	4:00 PM	2.50	6	TRIPS	Trip in hole, tag cement @ 933'
4:00 PM	5:00 PM	1.00	22	Install Rot head rubber	Install rotating head rubber, rig up lubricator
5:00 PM	6:30 PM	1.50	2	DRILL ACTUAL	Drill cement and shoe track. Tag plug and FC @ 965'. Didn't see shoe, hit void @ 1015'. Drill from 1015' to 1045'.
6:30 PM	7:00 PM	0.50	15	TEST B.O.P	Perfrom FIT test to 10.8 ppg equivalent . Formation held 125 psi.
7:00 PM	9:30 PM	2.50	2	DRILL ACTUAL	Drill from 1045' to 1270' - 225' in 2.5hr = 90 fph
9:30 PM	10:00 PM	0.50	7	LUBRICATE RIG	Work on pumps
10:00 PM	06:00 AM	8.00	2	DRILL ACTUAL	Drill from 1270' to 1800' - 530' in 8hr = 66.25fph. Slide from 1300 to 1310 - 10'

TOTAL HOURS : 24.00**RIG INFORMATION**

Rig(s) for today :

REPORT INFORMATION

Report # : 6 Report Date : 04/27/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESSProgress : 1162.00 ft Est. Total Depth : NaN ft
MD at Report Time : 2992.00 ft Rig on Location(days) :**OPERATIONS**

A.M. Ops : Drilling

Ops Forecast : Drilling

24hr. Summary : Drill ahead

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	10:00 AM	4.00	2	DRILL ACTUAL	Drill from 1800' to 2141' - 341 in 4hr = 85.25fph
10:00 AM	10:30 AM	0.50	7	LUBRICATE RIG	Rig Service
10:30 AM	02:30 AM	16.00	2	DRILL ACTUAL	Drill from 2141' to 2900' - 47.4fph. Slide 24' - pump sweeps every 120'. Pason auto driller began dumping weight at apx.2800' Serviceman dispatched to fix problem.
02:30 AM	03:00 AM	0.50	5	COND MUD and CIRC	Attempt to adjust brakes
03:00 AM	06:00 AM	3.00	2	DRILL ACTUAL	Drill from 2900' to 2962' - 62' in 3hr = 20.6fph

TOTAL HOURS : 24.00**RIG INFORMATION**

Rig(s) for today :

CONTACTS

Superintendent : Jack Findlay Phone # : 970.987.4952

Supervisor : Jet Lorenzen Phone # : 303-353-7834

REPORT INFORMATION

Report # : 7 Report Date : 04/28/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress :	599.00 ft	Est. Total Depth :	NaN ft
MD at Report Time :	3561.00 ft	Rig on Location(days) :	

OPERATIONS

A.M. Ops :	Drilling
Ops Forecast :	Drilling
24hr. Summary :	Drill ahead
Well Status :	

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	10:00 AM	4.00	2	DRILL ACTUAL	Drill from 2962' to 2992' - 30' in 4hr = 7.5fph
10:00 AM	1:00 PM	3.00	6	TRIPS	Trip out for bit #1, Change bit only and trip in.
1:00 PM	1:30 PM	0.50	3	REAMING	Wash 60' to bottom and break in bit #2
1:30 PM	06:00 AM	16.50	2	DRILL ACTUAL	Drill from 2992' to 3561' - 569' in 16.5hr = 34.5fph, all rotate, pump gel sweep every 180'

TOTAL HOURS : **24.00**
RIG INFORMATIONRig(s) for today : **CONTACTS**

Superintendent :	Jack Findlay	Phone # :	970.987.4952
Supervisor :	Jet Lorenzen	Phone # :	303-353-7834

REPORT INFORMATION

Report # : 8	Report Date : 04/29/2009
--------------	--------------------------

LOCATION INFORMATION

Field : manning Canyon	Well Name : State #16H-32-15-12
------------------------	---------------------------------

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482	SESE-32-15S-12E-W26M
--------------	----------------------

PROGRESS

Progress : 728.00 ft	Est. Total Depth : NaN ft
MD at Report Time : 4289.00 ft	Rig on Location(days) :

OPERATIONS

A.M. Ops :	Drilling
Ops Forecast :	Drilling
24hr. Summary :	Drill ahead
Well Status :	

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
-------------	-----------	-------	------	----------	---------

06:00 AM	10:00 PM	16.00	2	DRILL ACTUAL	Drill from 3561' to 4067' - 506' in 16hr = 31.6fph. All rotate. Blow 25.4 tons KCL into reserve water to bring concentration to 3%
10:00 PM	10:30 PM	0.50	7	LUBRICATE RIG	Rig service
10:30 PM	06:00 AM	7.50	2	DRILL ACTUAL	Drill from 4067' to 4289' - 222' in 7.5hr = 29.6fph All rotate

TOTAL HOURS :	24.00
----------------------	--------------

RIG INFORMATION

Rig(s) for today :	
--------------------	--

CONTACTS

Superintendent :	Jack Findlay	Phone # :	970.987.4952
Supervisor :	Jet Lorenzen	Phone # :	303-353-7834

REPORT INFORMATION

Report # : 9 Report Date : 04/30/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress :	535.00 ft	Est. Total Depth :	NaN ft
MD at Report Time :	4824.00 ft	Rig on Location(days) :	

OPERATIONS

A.M. Ops :	Drilling
Ops Forecast :	Drilling
24hr. Summary :	Drill ahead
Well Status :	

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	4:00 PM	10.00	2	DRILL ACTUAL	Drill from 4289' to 4478' - 189" in 10hr = 18.9fph Slide 12' Rotate 177' Begin mud up
4:00 PM	4:30 PM	0.50	7	LUBRICATE RIG	Rig Service
4:30 PM	06:00 AM	13.50	2	DRILL ACTUAL	Drill from 4478' to 4824' - 346' in 13.5hr = 25.6fph Slide - 24' Rotate 322'

TOTAL HOURS :	24.00
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RIG INFORMATION

Rig(s) for today :

CONTACTS

Superintendent :	Jack Findlay	Phone # :	970.987.4952
Supervisor :	Jet Lorenzen	Phone # :	303-353-7834

REPORT INFORMATION

Report # : 10 Report Date : 05/01/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress : 331.00 ft Est. Total Depth : NaN ft

MD at Report Time : 5155.00 ft Rig on Location(days) :

OPERATIONS

A.M. Ops : Drilling

Ops Forecast : Drilling

24hr. Summary : Drill ahead

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	4:00 PM	10.00	2	DRILL ACTUAL	Drill from 4824' to 4983' - 159' in 10hr = 15.9fph All rotate
4:00 PM	4:30 PM	0.50	7	LUBRICATE RIG	Rig service
4:30 PM	06:00 AM	13.50	2	DRILL ACTUAL	Drill from 4983' to 5155' - 172' in 13.5hr = 12.7fph All rotate

TOTAL HOURS : 24.00**RIG INFORMATION**

Rig(s) for today :

CONTACTS

Superintendent : Jack Findlay Phone # : 970.987.4952

Supervisor : Jet Lorenzen Phone # : 303-353-7834

REPORT INFORMATION

Report # : 11	Report Date : 05/02/2009
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LOCATION INFORMATION

Field : manning Canyon	Well Name : State #16H-32-15-12
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API/LICENSE #	SURFACE LEGAL LOCATION
43-007-31482	SESE-32-15S-12E-W26M

PROGRESS

Progress :	197.00 ft	Est. Total Depth :	NaN ft
MD at Report Time :	5352.00 ft	Rig on Location(days) :	

OPERATIONS

A.M. Ops :	Drilling
Ops Forecast :	Drilling
24hr. Summary :	Trip for bit and drill ahead
Well Status :	

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	10:00 AM	4.00	2	DRILL ACTUAL	Drill from 5155' to 5203' - 48' in 4hr = 12fph. Pump calcium carbonate for seepage losses.
10:00 AM	11:00 AM	1.00	5	COND MUD and CIRC	Circulate bottoms up, flow check, mix and pump dry pill.
11:00 AM	1:00 PM	2.00	6	TRIPS	Trip out with bit #2. No tight hole
1:00 PM	2:30 PM	1.50	21	OPEN	Lay down motor, pick up motor #2 - Hunting 6 3/4" 7/8 3.5 stg, 0.15 rpg, 76" BTB, Make up bit #3, change batteries in Weatherford EMMWD and scribe to motor.
2:30 PM	5:00 PM	2.50	6	TRIPS	Trip in hole No tight hole. Lost 25 bbl mud to formation during trip
5:00 PM	5:30 PM	0.50	3	REAMING	Wash 30' to bottom. Break in bit.
5:30 PM	06:00 AM	12.50	2	DRILL ACTUAL	Drill from 5203' to 5352' - 149' in 12.5hr = 11.9fph Slide 12', Rotate 137'. Mix calcium carbonate and walnut for seepage losses. Bit #3 and BHA #3 - 8 3/4" HTC Q705HX

TOTAL HOURS :	24.00
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RIG INFORMATION

Rig(s) for today :	
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CONTACTS

Superintendent :	Jack Findlay	Phone # :	970.987.4952
Supervisor :	Jet Lorenzen	Phone # :	303-353-7834

REPORT INFORMATION

Report # : 12 Report Date : 05/03/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESSProgress : 382.00 ft Est. Total Depth : NaN ft
MD at Report Time : 5585.00 ft Rig on Location(days) :**OPERATIONS**A.M. Ops : Drilling
Ops Forecast : Drilling
24hr. Summary : Drill ahead
Well Status :**FROM (TIME) To (TIME) HOURS CODE CATEGORY COMMENT**

06:00 AM	3:30 PM	9.50	2	DRILL ACTUAL	Drill from 5352' to 5459' - 107' in 9.5hr = 11.2fph - Bit #3 and BHA #3
3:30 PM	4:00 PM	0.50	7	LUBRICATE RIG	Rig service
4:00 PM	06:00 AM	14.00	2	DRILL ACTUAL	Drill from 5459' to 5585' - 126' in 14hr = 9fph. Minor seepage losses mix calcium carbonate, Fed seal and sawdust. Bit #3 and BHA #3

TOTAL HOURS : **24.00****RIG INFORMATION**

Rig(s) for today :

CONTACTSSuperintendent : Jack Findlay Phone # : 970.987.4952
Supervisor : Jet Lorenzen Phone # : 303-353-7834

REPORT INFORMATION

Report # : 13 Report Date : 05/04/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress : 284.00 ft Est. Total Depth : NaN ft

MD at Report Time : 5869.00 ft Rig on Location(days) :

OPERATIONS

A.M. Ops : Drilling

Ops Forecast : Drilling

24hr. Summary : Drill ahead

Well Status :

FROM (TIME) TO (TIME) HOURS CODE CATEGORY COMMENT

06:00 AM	3:30 PM	9.50	2	DRILL ACTUAL	Drill from 5585' to 5680' - 95' in 9.5hr = 10fph. All rotate Seepage losses minimal in this interval. Pumped cal. carb. Fine Walnut. Multi-seal. Sawdust. Bit #3 and BHA #3
3:30 PM	4:00 PM	0.50	7	LUBRICATE RIG	Rig Service
4:00 PM	06:00 AM	14.00	2	DRILL ACTUAL	Drill from 5680 to 5869' - 189' in 14hr = 13.5fph All rotate. Bit #3 and BHA #3

TOTAL HOURS : **24.00****RIG INFORMATION**

Rig(s) for today :

CONTACTS

Superintendent : Jack Findlay Phone # : 970.987.4952

Supervisor : Jet Lorenzen Phone # : 303-353-7834

REPORT INFORMATION

Report # : 14 Report Date : 05/05/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE #

43-007-31482

SURFACE LEGAL LOCATION

SESE-32-15S-12E-W26M

PROGRESS

Progress : 175.00 ft Est. Total Depth : NaN ft

MD at Report Time : 6044.00 ft Rig on Location(days) :

OPERATIONS

A.M. Ops : Tripping in

Ops Forecast : Drilling

24hr. Summary : Drill, trip out for bit

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	10:00 AM	4.00	2	DRILL ACTUAL	Drill from 5869' to 5932' - 63' in 4hr = 15.8fph. All rotate
10:00 AM	10:30 AM	0.50	5	COND MUD and CIRC	Lost apx 120 bbl mud to formation @ 5932'. Top mix LCM and regain full circulation. 8.9 ppg MW
10:30 AM	4:30 PM	6.00	2	DRILL ACTUAL	Drill from 5932' to 5996' - 64' in 6hr = 10.7fph. Slide 5932' to 5946' - 14' in 2hr = 7fph.
4:30 PM	5:00 PM	0.50	7	LUBRICATE RIG	Rig Service
5:00 PM	12:00AM	7.00	2	DRILL ACTUAL	Drill from 5996' to 6044' - 48' in 7hr = 6.8fph. Slide 6028' to 6040' - 12' in 2hr = 6fph.
12:00AM	12:30AM	0.50	5	COND MUD and CIRC	Circulate, build dry pill.
12:30AM	03:30 AM	3.00	6	TRIPS	Flow check, pump dry pill, trip out bit #3. No tight hole
03:30 AM	05:00 AM	1.50	21	OPEN	Lay down motor, Pick up 6 3/4" 7/8 3.5 stg, 0.15 rpg motor #2045 set at 1.5 deg, make up to bit #4, replace batteries in Weatherfrod EMMWD. Scribe to motor. Pick up 3 - 6 3/4 spiral drill collars - Graco.
05:00 AM	06:00 AM	1.00	6	TRIPS	Trip in hole with BHA #4

TOTAL HOURS : 24.00

RIG INFORMATION

Rig(s) for today :

CONTACTS

Superintendent : Jack Findlay Phone # : 970.987.4952

Supervisor : Jet Lorenzen Phone # : 303-353-7834

REPORT INFORMATION

Report # : 15 Report Date : 05/06/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress : 262.00 ft Est. Total Depth : NaN ft

MD at Report Time : 6306.00 ft Rig on Location(days) :

OPERATIONS

A.M. Ops : Drilling

Ops Forecast : Drilling

24hr. Summary : Drill ahead

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	08:00 AM	2.00	6	TRIPS	Trip in hole - no tight hole, lost apx 10bbl on trip.
08:00 AM	08:30 AM	0.50	3	REAMING	Wash 25' to bottom, break in bit.
08:30 AM	2:00 PM	5.50	2	DRILL ACTUAL	Drill from 6044' to 6117' - 73' in 5.5hr = 13.3fph. Slide from 6085' to 6097' = 12' in 1hr.
2:00 PM	2:30 PM	0.50	7	LUBRICATE RIG	Rig service
2:30 PM	06:00 AM	15.50	2	DRILL ACTUAL	Drill from 6117 to 6306' - 189' in 15.5hr = 12.2fph. Slide 6147 to 6159 - 12' in 2hr = 6fph. Slide 6210 to 6222 - 12' in 2hr = 6fph. Lost apx 20bbl mud in this interval mix sawdust and multiseal to heal.

TOTAL HOURS : 24.00**RIG INFORMATION**

Rig(s) for today :

CONTACTS

Superintendent : Jack Findlay Phone # : 970.987.4952

Supervisor : Jet Lorenzen Phone # : 303-353-7834

REPORT INFORMATION

Report # : 16 Report Date : 05/07/2009

LOCATION INFORMATION

Field : manning Canyon Well Name : State #16H-32-15-12

API/LICENSE # SURFACE LEGAL LOCATION

43-007-31482 SESE-32-15S-12E-W26M

PROGRESS

Progress : 220.00 ft Est. Total Depth : NaN ft

MD at Report Time : 6526.00 ft Rig on Location(days) :

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : DRLG

24hr. Summary : DRLG

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	06:00 AM	24.00	2	DRILL ACTUAL	DRLG F/ 6306' TO 6526' 220' @ 9.2 FPH, NO LOSSES, 35 K, 27 RPM,

TOTAL HOURS : **24.00****RIG INFORMATION**

Rig(s) for today :

CONTACTS

Superintendent : Jack Findlay Phone # : 970.987.4952

Supervisor : Jet Lorenzen Phone # : 303-353-7834

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
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2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	COUNTY: CARBON STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 5/31/2009	<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: _____

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

Drilling activity report from 5/8/09-5/31/09. Final drilling, waiting on completion.

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

FOR RECORD ONLY

June 30, 2009

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 6/30/2009	

DRILLING SUMMARY

LOCATION INFORMATION

Field Hook Well Name State #16H-32-15-
: : 12

API/LICENSE SURFACE LEGAL # LOCATION

43-007- SESE-32-15S-
31482 12E-W26M

REPORT INFORMATION

Report # : 17

Report Date : 05/08/2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : DRLG

24hr. Summary : DRLG, TRIP F/ F/ BIT #5, DRLG

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	08:30 AM	2.50	2	DRILL ACTUAL	DRLG 6426' TO 6548' 22' @ 8.8 FPH,
08:30 AM	3:30 PM	7.00	6	TRIPS	PUMP PILL TOO, X/O BIT AND MM, ORENTATE MWD, TIH, FILL @ 3700',
3:30 PM	4:00 PM	0.50	3	REAMING	WASH TO 80' TO BOTTOM
4:00 PM	06:00 AM	14.00	2	DRILL ACTUAL	DRLG F/ 6548' TO 6745' (197' IN 14 HR = 14 FPH) 15K, 30 RPM.
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 18

Report Date : 05/09/2009

OPERATIONS

A.M. Ops : CIRC F/ LOGGS

Ops Forecast : LOG

24hr. Summary : DRLG, CIRC.

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	08:00 AM	2.00	2	DRILL ACTUAL	DRLG F/ 6745' TO 6776' (31' IN 2HR = 15.5 FPH)
08:00 AM	08:30 AM	0.50	7	LUBRICATE RIG	RIG SERVICE
08:30 AM	05:30 AM	21.00	2	DRILL ACTUAL	DRLG F6776 TO 7218' (442' IN 21 HR = 21 FPH)
05:30 AM	06:00 AM	0.50	5	COND MUD and CIRC	CIRC. CONDITON F/ LOGS
TOTAL HOURS :	24.00				

REPORT INFORMATION

RECEIVED June 30, 2009

Report # : 19

Report Date : 05/10/2009

OPERATIONS

A.M. Ops : RIG DN LOGGERS

Ops Forecast : BUILD CURVE

24hr. Summary : CIRC., LOG

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	06:15 AM	0.25	5	COND MUD and CIRC	CIRC.
06:15 AM	07:00 AM	0.75	6	TRIPS	SHORT TRIP 10 STDS. TIGHT @6765' AMD 6445'
07:00 AM	08:00 AM	1.00	5	COND MUD and CIRC	CIRC. SWEEP W/ SAWDUST
08:00 AM	11:30 AM	3.50	6	TRIPS	TOOH. SLM 7220', TALLY 7218'
11:30 AM	06:00 AM	18.50	11	WIRELINE LOGS	HSM RIG UP SCHLUBERGER. LOGGERS TD 7223', RUN TRIPLE COMBO F/ 7223' TO SURFACE PIPE 1024', GAMMA TO SURFACE. RUN SOINIC SCANNER 7223' TO SURFACE PIPE. RIG DN.

TOTAL HOURS : 24.00

REPORT INFORMATION

Report # : 20

Report Date : 05/11/2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : BUILD CURVE

24hr. Summary : TIH, BUILD CURVE

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	09:00 AM	3.00	20	DIRECTIONAL WORK	L/D MM and MONEL, P/U MM, BIT, 2 FLEX COLLARS, 24 JTS 4 1/2" S135 DP, L/D 3 6 3/4" DCS.
09:00 AM	10:00 AM	1.00	9	CUT OFF DRILL LINE	CUT DRLG LINE
10:00 AM	1:00 PM	3.00	6	TRIPS	TIH, FILL DP @ 3900'
1:00 PM	4:00 PM	3.00	11	LOG	LOG W/ GAMMA F/ 6940 TO 7218
4:00 PM	06:00 AM	14.00	2	DRILL ACTUAL	DRLG F/ 7218' TO7386' (168' IN 14 HR = 12 FPH) SLIDE 100%. SURVEY 7336' 18.06 DEG 280.88 AZ. NEED 8.5 BUILD RATE TO LAND. WEATHERFORD MM BTB 6.22', 7/8 LOBE 5/4 STAGE. .284 GPR, AVERAGE DIFF 60 PSI, 45K SLIDING.

TOTAL HOURS : 24.00

REPORT INFORMATION

Report # : 21

Report Date : 05/12/2009

RECEIVED June 30, 2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : SAME

24hr. Summary : BUILD CURVE

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	11:30 AM	5.50	2	DRILL ACTUAL	DRLG F/ 7386' TO 7469' (86' IN 5.5 HR = 15 FPH), SLIDE 40' IN 3.5 HR = 11.4 FPH, ROTATE: 46' IN 2 HR = 23 FPH. WEATHERFORD MM BTB 6.22', 7/8 LOBE 5/4 STAGE. .284 GPR, AVERAGE DIFF 60 PSI, 45-50K SLIDING.
11:30 AM	12:30 PM	1.00	20	DIRECTIONAL WORK	WO TRANSDUCER F/ MWD, X/O
12:30 PM	6:00 PM	5.50	2	DRILL ACTUAL	DRLG F/ 7469' TO 7535' (66' IN 5.5 HR = 12 FPH). SLIDE: 24' IN 2.5 HR = 9.6 FPH, ROTATE: 42' IN 3 HR = 14 FPH. BUILDINNG TANGENT TO GET MORE VERTICAL SECTION.
6:00 PM	06:00 AM	12.00	2	DRILL ACTUAL	DRLG F/ 7536' TO 7714' (178' IN 12HR = 14.8 FPH). SLIDE: 58' IN5.5 HR = 10.5 FPH, ROTATE 120' IN 6.5 HR = 18.5 FPH. SURVEY 7652' 35.44 DEG 282.75 AZ. NEED 10.5 BUILD RATE TO LAND @ NEW TVD OF 7838'. DIFF SLIDING 100# 48 K. ROTATE: 180 DIF, 40K, 18 RPM

TOTAL HOURS : 24.00

REPORT INFORMATION

Report # : 22

Report Date : 05/13/2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : SAME

24hr. Summary : BUILD CURVE

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	2:45 PM	8.75	2	DRILL ACTUAL	DRLG F/ 7714' TO 7828' (114' 8.75 hr = 13 FPH) SLIDE: 76' IN 6 HR = 12.7 FPH, ROTATE: 38' IN 2.75 HR = 13.8 FPH. WEATHERFORD MM BTB 6.22', 7/8 LOBE 5/4 STAGE. .284 GPR, AVERAGE DIFF 90 PSI, 45-50K SLIDING.
2:45 PM	3:15 PM	0.50	7	LUBRICATE RIG	RIG SERVICE
3:15 PM	6:00 PM	2.75	2	DRILL ACTUAL	DRLG F/7828' TO 7855' (27' IN 2.75 HR = 9.8 FPH) SLIDE: 20' IN 1.75 HR = 10 FPH ROTATE5' IN .75 HR = 6.7 FPH.
6:00 PM	06:00 AM	12.00	2	DRILL ACTUAL	DRLG F/ 7855' TO 8008' (153' IN 12 HR = 12.8 FPH) SLIDE:91' IN 8.5 HR = 10.7 FPH, ROTATE: 62' IN 3.5 HR = 17.7 FPH. SAURVEY 7936' 64 DEG 284.63 AZ. NEED 10.9 BUILD TO LAND. SLIDE W/ 47K 80 DIFF. ROTATE W/ 40K 30 RPM 200 DIF.

TOTAL HOURS : 24.00

REPORT INFORMATION

Report # : 23

Report Date : 05/14/2009

OPERATIONS

A.M. Ops : CIRC.

Ops Forecast : RUN CASING

24hr. Summary : TD INTERMEDATE, SHORT TRIP

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	5:30 PM	11.50	2	DRILL ACTUAL	DRLG F/ 8008' TO 8112' (104' in 11.5 HR = 9 FPH). SLIDE: 78' IN 8.5 HR = 9.2 FPH, ROTATE: 26' IN 3HR = 8.7 FPH. WEATHERFORD MM BTB 6.22', 7/8 LOBE 5/4 STAGE. .284 GPR, AVERAGE DIFF 90 PSI, 45-50 K SLIDING.
5:30 PM	6:00 PM	0.50	7	LUBRICATE RIG	RIG SERVICE
6:00 PM	02:00 AM	8.00	2	DRILL ACTUAL	DRLG F/ 8112' TO 8190' (78' IN 8 HR = 6.5) SLIDE: 44' IN 6.5 HR 6.7 FPH, ROTATE: 34' IN 1.5 HR = 22.7. PROJECTED LANDING DEAD ON. SURVEY 8140' 87.06 DEG 281.38 AZ. SLIDING W/ 50K 20# DIF ROCKING TABLE NON STOP TO GET WT TO BIT. ROTATE W/ 40K 30RPM
02:00 AM	03:00 AM	1.00	5	COND MUD and CIRC	CIRC. CON F/ CASING
03:00 AM	06:00 AM	3.00	6	TRIPS	SHORT TRIP 12 STDS. TIGHT F/7950' TO 7830', REAM SEVERAL BRIDGES THROUGH SAME SECTION.
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 24

Report Date : 05/15/2009

OPERATIONS

A.M. Ops : RUNNING 7" CASING

Ops Forecast : CEMENT

24hr. Summary : COND AND SHORT TRIP, TOOH RUN CASING

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	07:30 AM	1.50	5	COND MUD and CIRC	CIRC. CONTION F/ CASING, PUMP SWEEP
07:30 AM	09:30 AM	2.00	6	TRIPS	SHORT TRIP 12 STDS, TIGHT F/ 7845' TO 7776', REAM F/ 7776 TO 7800', 45' OF FILL ON BOTTOM
09:30 AM	12:30 PM	3.00	5	COND MUD and CIRC	CIRC. RAISE VIS F/ 43 TO 53, RAISE WT F/ 8.9 TO 9.1. SWEEP W/ 100 VIS and SAWDUST TWICE
12:30 PM	2:30 PM	2.00	6	TRIPS	SHORT TRIP, TIHG TF/ 7840 TO 7780, REAM BRIDGE 7600' AND 7770'
2:30 PM	5:00 PM	2.50	5	COND MUD and CIRC	CIRC. RAISE WT. TO 9.5, VIS TO 60 PUMP TWO 100 VIS SWEEPS
5:00 PM	8:00 PM	3.00	6	TRIPS	TOOH TO RUN CASING
8:00 PM	10:30 PM	2.50	6	TRIPS	HSM, RIG UP BandL L/D 4 1/2" DP and DIRCTIONAL TOOLS
10:30 PM	11:00 PM	0.50	14	NIPPLE UP B.O.P	PULL WEAR BUSHING
11:00 PM	06:00 AM	7.00	12	RUN CASING and CEMENT	RIG UP AND RUN CASING.FS (1.23), SHOE JT (36.63), FC (.90), 28 JTS 26# P110 CASING (1055.11), 155 JTS 23# N80 CASING (7065.72), LANDING MANDERAL (1.00),

TOTAL 24.00
HOURS :

REPORT INFORMATION

Report # : 25

Report Date : 05/16/2009

OPERATIONS

A.M. Ops : TOOH F/ BIT

Ops Forecast : DRLG

24hr. Summary : RUN CASING AND CEMENT

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	08:00 AM	2.00	5	COND MUD and CIRC	FINISH RUNNIG CASING LANDED @ 8176.86'. FC @ 8138'. SET MANDERAL IN WELLHEAD TEST SEALS TO 3,000#,
08:00 AM	09:30 AM	1.50	5	COND MUD and CIRC	CIRC. CASING W/ RIG, 80 STKS/ MIN
09:30 AM	12:30 PM	3.00	12	RUN CASING and CEMENT	HSM, RIG UP HES, CEMENT. 10 BLS H2O, 20 BL SUPERFLUSH, 10 BLS H2O, 430 SKS HALLIBUTON LIGHT 11# 3.2 YEILD w/ .5% ECONLITE, 10 LBM GILSONITE, 3% SALT. TAILED W/ 130 SKS 50/50 POZ W/ 3% SALT, .75% HALAD-322R, .2% WG-17, 3LBM SILACATE, .125LBM POLY-E-FLAKE, 1LBM GRANULITE, .2% SUPER CBL. DISPLACED W/ 318 BLS 9.1 DRILLING MUD. FLOATS HELD. GOOD RETUNS. DID NOT GET CEMENT TO SURFACE.
12:30 PM	1:00 PM	0.50	14	SET WEAR BUSHING	SET WEAR RING
1:00 PM	3:00 PM	2.00	20	DIRECTIONAL WORK	PICK UP BHA
3:00 PM	6:30 PM	3.50	6	TRIPS	TIH FILL 4000' AND 8080'
6:30 PM	12:00AM	5.50	13	WAIT ON CEMENT	WOC
12:00AM	01:00 AM	1.00	21	DRLG CEMENT	DRLG CEMENT
01:00 AM	05:00 AM	4.00	2	DRILL ACTUAL	DRLG F/ 8190' TO 8273' (83' IN 4 HR = 20.75 FPH). ALL ROTATING. SURVEY 8205' 88.8 DEG 282.5 AZ. TVD 7838.69. .69' ABOVE CENTER LINE. WEATERFORD ERT MM W/ 1.5 DEG BTB 6.06' 4/5 LOBE 5.4 STAGE 1 GPR. ROTATING 14K 250 DIFF 25 RPM. TORQUE INCREASED ROP DROPPED .
05:00 AM	06:00 AM	1.00	2	DRILL ACTUAL	PUMP PILL TOOH

TOTAL HOURS 24.
:

REPORT INFORMATION

Report # : 26

Report Date : 05/17/2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : SAME

24hr. Summary : TRIP F/ BIT #8 BIT, DRLG

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	6	TRIPS	TOOH, X/O BIT, TIH
12:00 PM	2:30 PM	2.50	2	DRILL ACTUAL	DRLG F/ 8273' TO 8393' (120' IN 2.5 HR = 48 FPH), SLIDE: 5' IN .5 HR 10 FPH, ROTATE: 115' IN 2 HR = 57.5 FPH. WEATERFORD ERT MM W/ 1.5 DEG BTB 6.06' 4/5 LOBE 5.4 STAGE 1 GPR. ROTATING 10 K 250 DIFF 40RPM. SLIDE W/ 25K 150 DIFF.
2:30 PM	3:00 PM	0.50	7	LUBRICATE RIG	RIG SERVICE
3:00 PM	3:30 PM	0.50	5	COND MUD and CIRC	HOLE CAVING IN CIRC. WORK TIGHT HOLE. PUMP SWEEP. RAISE VIS F/ 39 TO 50, RAISE MUD WT F/ 9.1 TO 9.3
3:30 PM	06:00 AM	14.50	2	DRILL ACTUAL	DRLG F/ 8383' TO 8771' (388' TO 14.5 HR = 26.8) SLIDE:52' IN 6 HR = 8.7 FPH, ROTATE:316' IN 8.5 HR = 37.2 FPH. SURVEY 8648' 89.13 DEG 274.88 AZ. 7.58' BELOW CENTER LINE. SLIDING W/ 150 DIFF 30K. ROTATING W/ 250 DIFF 11K 40 RPM. HOLE IS GOOD AFTER RAISING VIS and WT.
TOTAL HOURS :		24.00			

REPORT INFORMATION

Report # : 27

Report Date : 05/18/2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : DRLG

24hr. Summary : SAME

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	07:00 AM	1.00	2	DRILL ACTUAL	DRLG F/ 8771' TO 8802' (31' IN 1 HR 31 FPH), SLIDE: 10' IN .75 HR = 13.3, ROTATE: 21' IN .25 HR = 84 FPH. WEATERFORD ERT MM W/ 1.5 DEG BTB 6.06' 4/5 LOBE 5.4 STAGE 1 GPR. ROTATING 10 K 250 DIFF 40RPM. SLIDE W/ 25K 150 DIFF.
07:00 AM	07:30 AM	0.50	7	LUBRICATE RIG	RIG SERVICE
07:30 AM	11:30 AM	4.00	2	DRILL ACTUAL	DRLG F/ 8802' TO 8896' (94' IN 4 HR = 23.5 FPH) SLIDE: 8' IN .75 HR = .6 FPH, ROTATE: 88' IN 3.25 HR = 27.1 FPH. LOST 3.07 DEG IN 31'. 10 DEG DROP/ 100'
11:30 AM	12:30 PM	1.00	5	COND MUD and CIRC	CIRC. W/O WEATHERFORD TO DECIDE, BUILD PILL
12:30 PM	8:30 PM	8.00	20	DIRECTIONAL WORK	TOOH TO CHECK OFFSETS, X/O MM and BIT. ORENTATE, TIH
8:30 PM	10:00 PM	1.50	21	WORK TIGHT HOLE	WORK TIGHT HOLE, HOLE CAVING IN. 3/4" SLUFF COMING OVER SHAKER
10:00 PM	06:00 AM	8.00	2	DRILL ACTUAL	DRLG F/ 8896' TO 9147' (251' IN 8 HR = 31.4 FPH). SLIDE: 53' IN 2.5 HR = 21.2 FPH. ROTATE: 198' IN 5.5 HR = 36 FPH). WEATERFORD ERT MM W/ 1.5 DEG BTB 6.09' 4/5 LOBE 5.4 STAGE 1 GPR. ROTATING 10K 250 DIFF 40 RPM. SLIDE W/ 35K 150 DIFF. LAST SURVEY 9087 92.69 DEG 270 AZ. 4.8' BELOW CENTER LINE.
TOTAL		24.00			

HOURS :

REPORT INFORMATION

Report # : 28

Report Date : 05/19/2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : DRLG

24hr. Summary : TRIP TO CHECK OFF SETS, DRLG

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	07:00 AM	1.00	20	DIRECTIONAL WORK	RELOG GAMMA F/ 9060' TO 9147'
07:00 AM	09:00 AM	2.00	2	DRILL ACTUAL	DRLG F/ 9147' TO 9243' (96' IN 2 HR = 48 FPH), SLIDE: 14' IN 1 HR = 14 FPH, ROTATE: 82' IN 1HR = 82 FPH.WEATERFORD ERT MM W/ 1.5 DEG BTB 6.09' 4/5 LOBE 5.4 STAGE 1 GPR. ROTATING 10K 250 DIFF 40 RPM. SLIDE W/ 35K 150 DIFF.
09:00 AM	09:30 AM	0.50	7	LUBRICATE RIG	RIG SERVICE
09:30 AM	6:00 PM	8.50	2	DRILL ACTUAL	DRLG F/ 9243' TO 9526' (283' IN 8.5 HR = 33.3 FPH). SLIDE: 25' IN 2 HR = 12.5 FPH, ROTATE: 258' IN 6.5 HR = 39.7 FPH.
6:00 PM	05:00 AM	11.00	2	DRILL ACTUAL	DRLG F/ 9526' TO 9965' (439' IN 11 HR = 39.9 FPH) SLIDE: 27' IN 1.5 HR = 18 FPH, ROTATE: 412' IN 9 HR = 45.8 FPH.LAST SURVEY 9874' 87 DEG 269 AZ. 13' ABOVE NEW CENTER LINE. WHILE MAKING CONN. @ 9965' HOLE STARTED CAVING IN COULD NOT GET BACK TO BOTTOM.
05:00 AM	06:00 AM	1.00	21	OPEN	WORK TIGHT HOLE. 1/4" CUTTINGS COMING UP W/ SWEEPS
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 29

Report Date : 05/20/2009

OPERATIONS

A.M. Ops : DRLG

Ops Forecast : DRLG

24hr. Summary : DRLG, SHORT TRIP

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	10:00 AM	4.00	21	OPEN	WORK TIGHT HOLE PUMP SWEEPS, L/D 2 JTS. RAISE MUD WT TO10#, CIRC. AND REAM TO BOTTOM
10:00 AM	3:30 PM	5.50	2	DRILL ACTUAL	DRLG F/ 9965' TO 10017' (52' IN 5.5 HR = 9.5 FPH) SLIDE: 4' IN 1 HR = 4 FPH, ROTATE: 48' IN 4.5 HR = 10.6 FPH. WEATERFORD ERT MM W/ 1.5 DEG BTB 6.09' 4/5 LOBE 5.4 STAGE 1 GPR. ROTATING 25K 250 DIFF 40 RPM. SLIDE W/ 50K 20 DIFF. COULD NOT SLIDE AND NOT GETING DIFF. ROTATING.
3:30	4:30	1.00	5	COND	CIRC. BOTTOMS UP

PM	PM			MUD and CIRC	
4:30 PM	6:30 PM	2.00	6	TRIPS	SHORT TRIP TO CASING
6:30 PM	7:30 PM	1.00	5	COND MUD and CIRC	BREAK CIRC. START @ 9000' START W/ 38 STKS WORK UP TO 90 STKS HOLE UNLOADING FINE CUTTINGS
7:30 PM	8:00 PM	0.50	6	TRIPS	TIH
8:00 PM	11:00 PM	3.00	5	COND MUD and CIRC	BREAK CIRC. 9997' START W/ 38 STK AND WORK UP TO 90 STKS RAISING MUD WT. F/ 9.9 TO 10.1
11:00 PM	06:00 AM	7.00	2	DRILL ACTUAL	DRLG F/ 10017' TO 10092 (DRLG F/ 75' IN 7 HR = 10.7 FPH) ALL ROTATING LAST SURVEY 10000' 88.44 DEG 269 AZ 7847' TVD.6' ABOVE NEW CENTER LINE. ROTATE W/ 25K 40 RPM 120 DIFF. RAISE MUD WT. TO 10.4+. ADD DRUMS ADV LUBE TO MUD.
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 30

Report Date : 05/21/2009

OPERATIONS

A.M. Ops : Drlg

Ops Forecast : Drlg

24hr. Summary : Drilling

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	08:30 AM	2.50	2	DRILL ACTUAL	DRLG F/ 10092' TO 10,122' - 30' IN 2.5hr = 12fph Slide 5' Rotate 25' . Rotate w/27k WOB 120 to 250 differential. Begin mixing Soltex to bring concentration to 5ppb.
08:30 AM	09:00 AM	0.50	7	LUBRICATE RIG	Rig Service
09:00 AM	06:00 AM	21.00	2	DRILL ACTUAL	Drill from 10,122' to 10,420' - 298' in 21hr = 14.2fph. Slide 10,122 to 10,128 - 6' in 1hr, Slide 10,250 to 10,255' - 5' in 1hr, Slide 10,312' to 10,324 12' in 1hr, Slide 10,375' to 10,383' - 8' in 1hr Slide 10,407' to 10,416' - 9 All slides oriented to high side. Last survey @ 10,315' - 87.13 deg, 267.5 AZ 7858.75 TVD 2688.55 VS = 2.5' below CL. Currently building angle to 89 to 90 deg in order to intersect softer formation.

TOTAL HOURS : 24.00

REPORT INFORMATION

Report # : 31

Report Date : 05/22/2009

OPERATIONS

A.M. Ops : Tripping in

Ops Forecast : Drlg

24hr. Summary : Drill, trip out for bit #9

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	2:30 PM	8.50	2	DRILL ACTUAL	Drill from 10,420' to 10,533' - 113' in 8.5hr = 13.3fph All rotate. Long stroke each connection 2 times, overpull in spots is 50k. Appears to be a hole cleaning issue rather than sloughing. Pump sweeps every 60'.
2:30 PM	3:00 PM	0.50	7	LUBRICATE RIG	Rlg Service - circulate at 165 gpm
3:00 PM	5:30 PM	2.50	2	DRILL ACTUAL	Drill to 10,565
5:30 PM	7:00 PM	1.50	5	COND MUD and CIRC	Circulate shakers clean. build dry pill. Flow check, pump dry pill.
7:00 PM	11:30 PM	4.50	6	TRIPS	Trip out of hole. Over pull 35 to 40 In spots.
11:30 PM	01:00 AM	1.50	22	OPEN	Lay down motor and bit #9 - Motor had apx 3/4" thrust bearing play, bit had 2 plugged nozzles. Pick up Bit #10 and new Weatherford ERT motor 4/5 5 stage, 1.0 rpg, 6" BTB set at 1.5 degrees. Scribe motor to EMMWD. Change batteries in EMMWD.
01:00 AM	02:30 AM	1.50	6	TRIPS	Trip in hole 30 stands and break circulation.
02:30 AM	04:00 AM	1.50	9	CUT OFF DRILL LINE	Slip and cut 80' drilling line
04:00 AM	06:00 AM	2.00	6	TRIPS	Trip in hole
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 32

Report Date : 05/23/2009

OPERATIONS

A.M. Ops : X-O directional tools

Ops Forecast : Drlg.

24hr. Summary : Fish for 36 stands DP plus directional tools

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	07:00 AM	1.00	6	TRIPS	Trip in to shoe @ 8175' . Fill pipe and circulate @ 90 spm. When string was full and caught pressure string jumped slightly and lost 37k string weight. Pump pressure is apx 1000 psi less than calculated.
07:00 AM	09:30 AM	2.50	6	TRIPS	Trip out to investigate string weight and pump pressure loss. String is dry, use spinners.
09:30 AM	1:00 PM	3.50	19	FISHING	Retrieved 74 stands of drill pipe. Pipe is backed off at the connection on an even stand leaving 36 stands of 4" S-135 drill pipe plus directional tools in the hole. Total length of fish = 3539.93' . Top of fish was at apx 4750' when string backed off. Bit depth was approximately 8200'. Slauch Fishing service was alerted at 08:00 and mobilized. Wait on fisherman
1:00 PM	2:30 PM	1.50	19	FISHING	Strap fishing tools and pick up - 4" FH screw in sub, circulating sub dressed with 3,000 psi disc, jars, bumper sub, x-o, 10 stds HWDP, x-o, accelerator, x-o, 5 stds HWDP
2:30 PM	8:00 PM	5.50	19	FISHING	Trip in hole with fishing tools
8:00 PM	06:00 AM	10.00	19	FISHING	Tag top of fish @ 6119' - push fish to 6215'. Screw into fish @ 6215'. Prior pick up weight of 154k was achieved. Toolface

updates from EMMWD Indicate tool Is being moved when string Is picked up. Trip out of hole. Retrieved all of fish.

TOTAL 24.00
HOURS :

REPORT INFORMATION

Report # : 33

Report Date : 05/24/2009

OPERATIONS

A.M. Ops : Reaming @ 10,000'

Ops Forecast : Drlg

24hr. Summary : Trip in hole, ream

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	07:30 AM	1.50	22	OPEN	Lay down and replace EMMWD electronics. Lay down motor and pick up BICO 4 3/4" FBH 1.5 degree ERT 7/8 3.8 stage 6.2' BTB 0.52 rpg. Visual inspect and re-run bit #10 Scribe tools
07:30 AM	12:30 PM	5.00	6	TRIPS	Trip in hole, lay down 1 - bent joint drill pipe. Fill at apx 3,000'. Fill pipe and circulate at shoe. Fill pipe and circulate every 5 stands.
12:30 PM	06:00 AM	17.50	3	REAMING	Tag up and ream 60' @ 9000'. Tag up and ream apx 90' @ 9540. Ream from 9800' to 10,000' . Reaming is generally easy. Severe packing off occurring. Raise MW from 10.7 to 11.1. Raise FV from 58 to 70 -75. Pump high vis sweeps. Pump fiber sweeps Shakers have medium to low volume of fine cuttings coming across

TOTAL 24.00
HOURS :

REPORT INFORMATION

Report # : 33

Report Date : 05/24/2009

OPERATIONS

A.M. Ops : Reaming @ 10,000'

Ops Forecast : Drlg

24hr. Summary : Trip in hole, ream

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	07:30 AM	1.50	22	OPEN	Lay down and replace EMMWD electronics. Lay down motor and pick up BICO 4 3/4" FBH 1.5 degree ERT 7/8 3.8 stage 6.2' BTB 0.52 rpg. Visual inspect and re-run bit #10 Scribe tools
07:30 AM	12:30 PM	5.00	6	TRIPS	Trip in hole, lay down 1 - bent joint drill pipe. Fill at apx 3,000'. Fill pipe and circulate at shoe. Fill pipe and circulate every 5 stands.
12:30 PM	06:00 AM	17.50	3	REAMING	Tag up and ream 60' @ 9000'. Tag up and ream apx 90' @ 9540. Ream from 9800' to 10,000' . Reaming is generally easy. Severe packing off occurring. Raise MW from 10.7 to 11.1. Raise FV from 58 to 70 -75. Pump high vis sweeps. Pump fiber sweeps Shakers have medium to low volume of fine cuttings coming across

TOTAL 24.00
HOURS :

REPORT INFORMATION

Report # : 34

Report Date : 05/25/2009

OPERATIONS

A.M. Ops : Reaming @ 10,350

Ops Forecast : Trip for casing

24hr. Summary : Ream to bottom

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	6:00 PM	12.00	3	REAMING	Ream from 10,000' to 10,150'
6:00 PM	06:00 AM	12.00	3	REAMING	Ream from 10,150 to 10,441. Pump sweeps . Work tight hole.

TOTAL HOURS 24.00
:

REPORT INFORMATION

Report # : 35

Report Date : 05/26/2009

OPERATIONS

A.M. Ops : Reaming @10,450

Ops Forecast : Condition hole f/casing

24hr. Summary : Short trip

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	10:30 AM	4.50	3	REAMING	Wash and ream from 10,441' to 10,565
10:30 AM	4:00 PM	5.50	5	COND MUD and CIRC	Circulate and recipricate. Raise mud weight to 11.6 ppg. Hole continues to slough at 11.6, Circulate and raise weight to 12.0 ppg, and raise FV to 80.
4:00 PM	7:00 PM	3.00	6	TRIPS	Short trip 25 stands to 7" casing shoe tight spots @ 10,500' and 9,945' First 7 stands pulled 25-40 over.
7:00 PM	8:00 PM	1.00	6	TRIPS	TIH Break Circ. Cont. TIH to 9,826' tag
8:00 PM	06:00 AM	10.00	3	REAMING	Wash and ream F/ 9,826' to 10,450' Raise mud weight to 12.2 Raise FV to 90 Reaming Is easy, low quantity of fine cuttings coming over shaker. Hole is no longer packing off. String will not move down without pumping.

TOTAL HOURS 24.00
HOURS :

REPORT INFORMATION

Report # : 36

Report Date : 05/27/2009

OPERATIONS

A.M. Ops : Short trip

Ops Forecast : LDDP

24hr. Summary : Raise weight to 13 ppg, short trip

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	08:00 AM	2.00	3	REAMING	Ream from 10,450 to TD 10,565' Reaming generally easy 0-6k WOB 0 to 50psi differential
08:00 AM	12:00 PM	4.00	5	COND MUD and CIRC	Circulate and recirculate. Raise mud weight to 12.5 FV @100
12:00 PM	3:30 PM	3.50	6	TRIPS	Short trip 10 stands to 9615' On trip In kelly up and ream from 9960 to 10,005: from 10,143 to 10,188; from 10,300 to 10,345
3:30 PM	11:00 PM	7.50	5	COND MUD and CIRC	Circulate and recirculate raise mud weight to 13ppg
11:00 PM	03:00 AM	4.00	8	REPAIR RIG	Repair low drum chain on draw works. Attempt to trip out but could not pull pipe in high drum. Circulate well
03:00 AM	06:00 AM	3.00	6	TRIPS	Short trip 10 stands tight spot @ 9,740' out and no tight spots on TIH
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 37

Report Date : 05/28/2009

OPERATIONS

A.M. Ops : Trip in

Ops Forecast : LDDP

24hr. Summary : Short trip, trip out of hole lay down directional tools

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	07:00 AM	1.00	5	COND MUD and CIRC	Circulate bottoms up
07:00 AM	12:00 PM	5.00	6	TRIPS	Short trip 25 stands into casing shoe. No tight hole on trip out. Wash through tight spots at 10,000' - 10, 336, 10,380
12:00 PM	4:00 PM	4.00	5	COND MUD and CIRC	Circulate and recirculate, raise mud weight to 13.5
4:00 PM	6:30 PM	2.50	6	TRIPS	Trip out of hole to lay down directional tools. Tight at 9735'
6:30 PM	7:30 PM	1.00	5	COND MUD and CIRC	Circ. Bottoms up @ CSG Shoe W/ 250 GPM
7:30 PM	02:30 AM	7.00	6	TRIPS	Continue TOOH and L/D Directional tools
02:30 AM	04:30 AM	2.00	6	TRIPS	Pick up Hunting 7/8 2.6 stage 0.26rpg 1.5 degree FBH motor. re-run bit #10. Trip In 30 stands, fill pipe and break circulation.
04:30 AM	06:00 AM	1.50	9	CUT OFF DRILL LINE	Slip and cut drilling line
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 38

Report Date : 05/29/2009

OPERATIONS

A.M. Ops : LDDP

Ops Forecast : Run csg and cement

24hr. Summary : Trip in, circulate, Trip out laying down

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:30 PM	6.50	6	TRIPS	Trip in hole. Break circulation @ 6400' - 8,000' - 8250' Stage in open hole circulate every 5 stands. Tight spot at 9735' worked past without circulating, then kelly up and reamed back through. No pack off on trip in.
12:30 PM	7:30 PM	7.00	5	COND MUD and CIRC	Circulate and recipricate. Maintain 13.4+ to 13.5 MW
7:30 PM	9:00 PM	1.50	6	TRIPS	Pump slug TOOH to CSG shoe @ 8,176' tight spot @ 9,790' Weatherford L/D Machine arrived spot equip and R/U
9:00 PM	10:00 PM	1.00	5	COND MUD and CIRC	Break Circ. @ CSG Shoe (8,176') Circ. hole clean Pre-ops safety mtg. R/U Weatherford L/D Equip. pump slug
10:00 PM	06:00 AM	8.00	6	TRIPS	TOOH to run Prod. CSG
TOTAL HOURS :	24.00				

REPORT INFORMATION

Report # : 39

Report Date : 05/30/2009

OPERATIONS

A.M. Ops : Wait on HES pump truck

Ops Forecast : Load out rentals, rig down

24hr. Summary : Run casing and cement

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	7:30 PM	13.50	12	RUN CASING and CEMENT	Rig up Weatherford casers and fill tool to run casing. Conduct pre-job safety meeting. Begin running casing at 08:00. Run 264 joints 4 1/2" 15.1# P110 LTandC casing. Run order as follows: Float shoe landed @ 10,541.46' 1- joint casing, Float collar top @ 10,497.93' 263 - joints casing.. Four marker joints #1 top @ 9576.16' #2 @ 8611.47' #3 top @ 7632.43' #4 top @ 6683.62 Ran 2 turbalizers per joint from bottom to 7565' Run 1 turbalizer per joint from 7565' to 6495'.
7:30 PM	11:30 PM	4.00	5	COND MUD and CIRC	Circulate and recipricate 10'. Circulate @ 250 gpm. Condition mud to 13.5 ppg and 55 FV. R/D W/Ford CSG equip.and R/U HES CMT head continue circ. and recipracate pipe.
11:30 PM	12:30AM	1.00	12	RUN CASING and CEMENT	Pre-ops safety meeting R/U HES CMT equip. and test to 10,000 psi Pump 4 1/2" production casing cmt job as follows: Pump 29 bbl spacer @14.5ppg, pump 10bbl cement @ 14.2ppg
12:30AM	01:00 AM	0.50	12	RUN CASING and CEMENT	Mixing pump on HES pump truck failed, work on pump truck, unable to repair.
01:00	06:00	5.00	5	COND	Swap to rig pump. Pump spacer and cement to surface,

AM AM MUD and dumped to reserve pit. Lost 200bbl mud while displacing
CIRC cement. Hole becoming sticky, land casing and continue
to circulate @ 175 gpm. WAIT ON HES PUMP TRUCK.

TOTAL HOURS 24.00
:

REPORT INFORMATION

Report # : 40

Report Date : 05/31/2009

OPERATIONS

A.M. Ops : Rig down floor

Ops Forecast : Load out rentals, rig down

24hr. Summary : Cement long string, set slips, LDDP, clean pits

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	08:30 AM	2.50	5	COND MUD and CIRC	Circulate, wait on HES pump truck. Pump truck from Vernal arrived @ 07:00
08:30 AM	11:00 AM	2.50	12	RUN CASING and CEMENT	Swap to Halliburton pump 38 bbl spacer mixed @ 14.2 ppg. pump 220 bbl (1050) sks 50/50 POZ premium ExtendaCem cement with .5% Halad 344, 0.4% Halad 413, 0.3% Econollite, 0.5% HR-5, 0.2% Versaset. Mixed @ 14.5ppg, 1.15 ft3/sk yield, 4.85 gal/sk water. Displaced with 2% clayfix water. Bumped plug @ 150 bbl dsplced (149 calculated) FCP - 2850 Bumped plug with 3500psi. Floats held with 1.5 bbl back. Full returns throughout job. No cement to surface.
11:00 AM	1:00 PM	2.00	14	NIPPLE UP B.O.P	Nipple down stack and flow line. Pick stack and set slips with Cameron. Set 90,000 on slips.
1:00 PM	6:00 PM	5.00	6	TRIPS	Break down and lay down 24 stands drill pipe out of derrick.
6:00 PM	02:00 AM	8.00	21	OPEN	Clean mud pits and pre-mix pit. (Excess barite and LCM)
02:00 AM	06:00 AM	4.00	21	OPEN	Rlg down floor, sort rental subs and handling equipment. Release rig @ 06:00 - 05/31/09
TOTAL HOURS :	24.00				

RECEIVED June 30, 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: CARBON STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/3/2009	<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: _____

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

No activity, waiting on completion.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 03, 2009

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/3/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
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<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/3/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC is submitting this sundry in accordance with R649-3-20, #3 to request produced gas to be vented or flared at unrestricted rates for up to 30 days or no more than 50 mmcf. This is a wildcat/exploratory horizontal well that BBC will begin completion on and rates are unknown. Once sufficient testing is complete, the well will be shut-in pending pipeline installation.

Approved by the Utah Division of Oil, Gas and Mining

Date: August 31, 2009

By: *Don K. Duff*

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/28/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
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2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	COUNTY: CARBON STATE: UTAH
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<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/3/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Completion activity report, 8/4/09-9/3/09.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 14, 2009

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 9/3/2009

State #16H-32-15-12 8/27/2009 06:00 - 8/28/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

MW Livestock modified fresh water pit. Installed liner, and flagged pit. Was then filled over the last few days with 63080 bbls of water, from near-by creek. W/O completion operations to commence around 9-14-2009. - 24

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
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<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/1/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Completion activity report from 9/3/09-10/1/09.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 06, 2009

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/2/2009

State #16H-32-15-12 9/14/2009 06:00 - 9/15/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
Well Shut in & Secured						
Prep Location for Fracs - 24						

State #16H-32-15-12 9/15/2009 06:00 - 9/16/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
Well Shut in & Secured - 2, Remove Flange Cap						
Install Stinger Wellhead 7-16" 5K Frac Valve						
Place Cap & Bolts at entrance to location						
Start Spotting tanks 8 - KCL 6 - Water						
2 Flowback Tanks						
Start filling with 20% KCL Concentrate from Dalbo/RNI - 3, Well Shut in & Secured - 19						

State #16H-32-15-12 9/16/2009 06:00 - 9/17/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
Well Shut in & Secured						
Spot last of Frac Tanks						
Filling Tanks with 20% KCL Concentrate - 24						

State #16H-32-15-12 9/17/2009 06:00 - 9/18/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
Well Shut in & Secured - 1.5, Install Stinger 15K Frac Sleeve Tool - 1, RU to Pressure test casing						
Test to 11,500# Hold for 30 minutes						
Test Good						
RD Stinger 15K Frac Sleeve Tool - 1.5, Cathedral Flow Back on Location						
Spot Equipment,						
Start Rigging Iron to open top tanks - 8, Well Shut in & Secured - 12						

State #16H-32-15-12 9/18/2009 06:00 - 9/19/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
Well Shut in & Secured						
Rig up Flow Iron						
Prep location for Frac						
Haul 20% KCl to tanks - 24						

State #16H-32-15-12 9/19/2009 06:00 - 9/20/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
Well Shut in & Secured - 1, Fill 20% KCL Tanks - All Full						
Fill Fresh water Tanks - 6 Tanks Full						
Coil Tubing (Sanjel) Spotted on location						
Prep for Perf of Stage #1						
Flow Tester iron Rigged - 13, Well Shut in & Secured - 10						

State #16H-32-15-12 9/20/2009 06:00 - 9/21/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured
 Had to order connection to attach Guns
 Attach Coil connect, Pull Test
 Fill Coil Pressure test to 4500#
 Wait on connection - 6, Connect Guns to Coil Tubing - 1, Trip in Hole with 2" Coil Tubing with Guns
 Tag @ 10,446' + KB Correction = 10,452' - 2.5, Pull to 1st Stop Perf @ 10,435' - 10,436'
 Pull to 2nd StopPerf @ 10,418' - 10,419'
 Pull to 3rd Stop Perf did not shot
 Pull to 4th Stop Perf @ 10,374' - 10,375'
 Pull to 5th Stop Perf @ 10,346' - 10,347'
 Pull to 6th Stop Perf @ 10,320' - 10,321'
 Pull to 7th Stop Perf @ 10,301' - 10,302' - 0.5, POOH with Coil Tubing - 2, All Guns Fired, LD Guns
 LD Coil tools,
 Pump Nitrogen to Dry Coil Tubing
 RDMO Sanjel Coil Tubing Unit. - 2, MIRU Stinger Isolation
 Set 15K Stage Tool on Well
 5-1/16" ID - 1, Well Shut in & Secured - 9

State #16H-32-15-12 9/21/2009 06:00 - 9/22/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured - 1, RU Advanced Wireline & STS 10K Lubicator
 RU Halliburton Frac Crew
 RU Rain for Rent water transfer lines. - 10, Well Shut in & Secured

 Wait for Pinnacle Microseismic truck to arrive
 No Frac tomorrow - 13

State #16H-32-15-12 9/22/2009 06:00 - 9/23/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured

 Wait on Pinnacle Microseismic truck
 Still waiting on permits - 24

State #16H-32-15-12 9/23/2009 06:00 - 9/24/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured

 Rig up Pinnacle on State 15-32 - 24

State #16H-32-15-12 9/24/2009 06:00 - 9/25/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured - 0.5, Safety Meeting
 Job assignments, Trip hazards, Pressure, - 0.5, Open Well to Start Stage #1 10#
 Breakdown 5 BPM @ 5010#
 Pump 9,360 Gals 3% KCL Treated Water
 Pump 2,500 Gals 15% HCL Acid
 Pump 101,380 Gals 3% KCL Treated Water with 97,000# of 100 Mesh Sand
 Pumped Avg Job Rate - 53 BPM Avg Job Psi - 8402#
 Max Rate - 64.4 BPM Max Psi - 11,178#
 Total BBIs Pumped - 2,689 BBLs

Flush Complete, ISIP - 4402# FG - 1.001
 5 Min - 3700# - 2, Pump with Halliburton between 3 to 8 BPM
 Set Baker 10K CBP @ 10,212'
 Pull up to Perf
 Perf - 10,166'-10,167', 10,138'-10,139', 10,111'-10,112'
 Work to get loose on wireline, Pump 4 to 10 BPM Pressure 5700# to 5900#
 Perf - 10,075'-10,076', 10,048'-10,049', 10,021'-10,022'

POOH All Guns fired, - 4, Open Well to Start Stage #2 2801#
 Breakdown 2.2 BPM @ 4684#
 Pump 94,610 Gals 3% KCL Treated Water
 Pump 2,500 Gals 15% HCL Acid
 Pump 40,265 Gals 3% KCL Treated Water with 40,700# of 100 Mesh Sand
 Pump 45,418 Gals 3% KCL Treated Water with 43,800# of 40/70 White Sand
 Pumped Avg Job Rate - 62.8 BPM Avg Job Psi - 9167#
 Max Rate - 64.4 BPM Max Psi - 10,339#
 Total BBIs Pumped - 4,350 BBLs

Flush Complete, ISIP - 6054# FG - 1.17
 5 Min - 4789# - 2, Pump with Halliburton between 3 to 5 BPM
 Set Baker 10K CBP @ 9,910'
 Pull up to Perf
 Perf - 9,870'-9,871', 9,843'-9,844', 9,816'-9,817'
 Perf - 9,780'-9,787', 9,753'-9,754', 9,723'-9,727'
 POOH All Guns fired, - 3, Well Shut in & Secured - 12

State #16H-32-15-12 9/25/2009 06:00 - 9/26/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured

2200# on Well - 0.5, Safety Meeting

Job assignments, Trip hazards, Pressure, - 0.5, Open Well to Start Stage #3 2200#

Breakdown 4.5 BPM @ 4650#

Pump 103,003 Gals 3% KCL Treated Water

Pump 2,500 Gals 15% HCL Acid

Pump 50,435 Gals 3% KCL Treated Water with 41,900# of 100 Mesh Sand

Pump 55,107 Gals 3% KCL Treated Water with 44,300# of 40/70 White Sand

Pumped Avg Job Rate - 64.3 BPM Avg Job Psi - 7910#

Max Rate - 66.5 BPM Max Psi - 8,300#

Total BBIs Pumped - 5,025 BBLS

Flush Complete, ISIP - 4595# FG - 1.026

5 Min - 4263# - 2.5, Pump with Halliburton between 3 to 5 BPM Pressure 3500# to 3800#

Pumped 72 BBIs

Set Baker 10K CBP @ 9,610'

Pull up to Perf Stage #4

Perf - 9,575'-9,576', 9,548'-9,549', 9,521'-9,522'

Perf - 9,485'-9,485', 9,458'-9,459', 9,431'-9,432'

POOH All Guns fired, - 2.5, Open Well to Start Stage #4 2200#

Breakdown 4.7 BPM @ 5035#

Pump 94,195 Gals 3% KCL Treated Water

Pump 2,500 Gals 15% HCL Acid

Pump 50,437 Gals 3% KCL Treated Water with 44,500# of 100 Mesh Sand

Pump 70,081 Gals 3% KCL Treated Water with 62,700# of 40/70 White Sand

Pumped Avg Job Rate - 65 BPM Avg Job Psi - 8259#

Max Rate - 65.9 BPM Max Psi - 8,506#

Total BBIs Pumped - 5,171 BBLS

Flush Complete, ISIP - 4592# FG - 1.026

5 Min - 4134# - 2, Pump with Halliburton between 3 to 5 BPM Pressure 3300# to 3700#

Pumped 67 BBIs

Set Baker 10K CBP @ 9,320'

Pull up to Perf Stage #5

Perf - 9,280'-9,281', 9,253'-9,254', 9,226'-9,227'

Perf - 9,190'-9,191', 9,163'-9,163', 9,136'-9,137'

POOH All Guns fired, - 2, Open Well to Start Stage #5 3121#

Breakdown 4.7 BPM @ 4952#

Pump 93,782 Gals 3% KCL Treated Water

Pump 2,500 Gals 15% HCL Acid

Pump 50,175 Gals 3% KCL Treated Water with 42,500# of 100 Mesh Sand

Pump 70,570 Gals 3% KCL Treated Water with 52,000# of 40/70 White Sand

Pumped Avg Job Rate - 61.9 BPM Avg Job Psi - 6943#

Max Rate - 67.8 BPM Max Psi - 9,943#

Total BBIs Pumped - 5,167.5 BBLS

Flush Complete, ISIP - 4059# FG - 0.958

5 Min - 3797# - 2, Pump with Halliburton between 3 to 4.5 BPM Pressure 3000 to 3300#

Pumped 49 BBIs

Set Baker 10K CBP @ 9,020'

Pull up to Perf Stage #6

Perf - 8,985'-8,986', 8,958'-8,959', 8,931'-8,932'

Perf - 8,895'-8,896', 8,868'-8,869', 8,841'-8,842'

POOH All Guns fired, - 2, Well Shut in & Secured Overnight - 10

State #16H-32-15-12 9/26/2009 06:00 - 9/27/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured 1500# on Well - 0.5, Safety Meeting - 0.5, Open Well to Start Stage #6 1503#

Breakdown 4.5 BPM @ 3723#

Pump 78,587 Gals 3% KCL Treated Water

Pump 2,500 Gals 15% HCL Acid

Pump 54,548 Gals 3% KCL Treated Water with 55,000# of 100 Mesh Sand

Pump 73,020 Gals 3% KCL Treated Water with 73,300# of 40/70 White Sand

Pumped Avg Job Rate - 64.4 BPM Avg Job Psi - 8744#

Max Rate - 67.2 BPM Max Psi - 8,744#

Total BBIs Pumped - 4,968 BBLs

Flush Complete, ISIP - 4309# FG - 0.989

5 Min - 3733# - 2, Pump with Halliburton between 3 to 4.5 BPM Pressure 3300 to 3300#

Pumped 47 BBIs

Set Baker 10K CBP @ 8,721'

Pull up to Perf Stage #7

Perf - 8,690'-8,691', 8,663'-8,664', 8,636'-8,637'

Perf - 8,600'-8,601', 8,573'-8,574', 8,546'-8,547'

POOH All Guns fired, - 2, Open Well to Start Stage #7 1654#

Breakdown 4.5 BPM @ 5889#

Pump 93,535 Gals 3% KCL Treated Water

Pump 2,500 Gals 15% HCL Acid

Pump 54,052 Gals 3% KCL Treated Water with 55,000# of 100 Mesh Sand

Pump 72,470 Gals 3% KCL Treated Water with 72,300# of 40/70 White Sand

Pumped Avg Job Rate - 64.4 BPM Avg Job Psi - 7676#

Max Rate - 64.9 BPM Max Psi - 7953#

Total BBIs Pumped - 5299 BBLs

Flush Complete, ISIP - 5014# FG - 1.078

5 Min - 4531# - 2, Pump with Halliburton between 3 to 4.5 BPM Pressure 3000 to 3300#

Pumped 37 BBIs

Set Baker 10K CBP @ 8,430'

Pull up to Perf Stage #8

Perf - 8,395'-8,396', 8,368'-8,369', 8,341'-8,342'

Perf - 8,305'-8,306', 8,278'-8,279', 8,251'-8,252'

POOH All Guns fired, - 2, Open Well to Start Stage #8 2528#

Breakdown 4.7 BPM @ 5800#

Pump 26,730 Gals 3% KCL Treated Water

Pump 2,900 Gals 15% HCL Acid

Pump 53,684 Gals 3% KCL Treated Water with 53,120# of 100 Mesh Sand

Pump 43,166 Gals 3% KCL Treated Water with 36,500# of 40/70 White Sand

Pumped Avg Job Rate - 58 BPM Avg Job Psi - 8084#

Max Rate - 61.2 BPM Max Psi - 9815#

Total BBIs Pumped - 3102 BBLs

Flush Complete, ISIP - 54767# FG - 1.046

5 Min - 3345# - 2, RD Wireline, RD Halliburton, RD Stinger Frac Stage Tool

RU Stinger 5K Flow Cross & Valve on Well - 2, Well Shut in & Secured - 11

State #16H-32-15-12 9/27/2009 06:00 - 9/28/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Well Shut in & Secured

Runnibg VSP on State 15-32 - 14.5, Flowback to open top tank

Date 9-28-09 @ 5:00 AM FCP - 160# 16/64 Choke

Summary Date 9-27-09

Hrs Flowed 9.5 Hrs Choke 16/64

Sand Content - Light

Water Last 24 Hrs - 228 BBIs BWR - 228 BBIs BWLTR - 36,396 BBIs

Total BBIs - 36,623 BBIs Percent Recovered 00.0%

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 9.5

State #16H-32-15-12 9/28/2009 06:00 - 9/29/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Flowback to open top tank - 1, MIRU CTS (Coil Tubing)

Pull Test Coil Connector - 10,000#

Pressure test coil connector - 2500# - 2.5, Trip in hole with Coil Tubing & BHA to Drill Plugs - 1.5, Tag on Plug

1st CBP drilled in 45 minutes - CFP - 700#

2nd CBP drilled in 80 minutes CFP - 600#

3rd CBP drilled in 40 minutes CFP - 500#

4th CBP drilled in 35 minutes CFP - 600#

5th CBP drilled in 40 minutes CFP - 750#

6th CBP drilled in 60 minutes CFP - 1000#

7th CBP drilled in 40 minutes CFP - 700#

Clean to PBTD @ 10,491' Circulate Gel Sweep with N2 to clean well bore

Flowing 900# on 32/64 Choke - 10.5, POOH @ 45 FPM with 2 BPM & 500 SCF N2 - 2, Pump N2 to clear coil tubing

RDMO Coil Tubing - 1.5, Flowback to open top tank

Date 9-29-09 @ 5:00 AM FCP - 147# 22/64 Choke

Summary Date 9-28-09

Hrs Flowed 24 Hrs Choke 22/64

Sand Content - Light

Water Last 24 Hrs - 711 BBIs BWR - 939 BBIs BWLTR - 35,457 BBIs

Total BBIs - 36,623 BBIs Percent Recovered 00.0%

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 5

State #16H-32-15-12 9/29/2009 06:00 - 9/30/2009 06:00

API/UWI 43-007-31482	State/Province UT	County CARBON	Field Name Hook	Well Status Released for Work	Total Depth (ftKB) 10,565.0	Primary Job Type Drilling & Completion
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Time Log Summary

Flowback to open top Tank

Time	Pressure	Choke	Water
7:00 AM	440	22/64	48 BBls/hr
8:00 AM	410	22/64	61 BBls/hr
9:00 AM	330	22/64	62 bbls/hr
10:00 AM	310	22/64	73 bbls/hr
11:00 AM	300	22/64	51 bbls/hr
12:00 PM	310	22/64	59 bbls/hr
1:00 PM	300	22/64	40 BBls/hr
2:00 PM	300	22/64	50 BBls/hr
3:00 PM	280	22/64	46 bbls/hr Change to 32/64 Choke
4:00 PM	200	32/64	59 bbls/hr
5:00 PM	140	32/64	81 bbls/hr
5:30 PM	140	32/64	32 bbls/ 1/2hr

Water - 7 PH, 5400 PPM, Temp 95 degrees - 12, Flowback to open top tank

Date 9-30-09 @ 5:00 AM FCP - 40# 40/64 Choke

Summary Date 9-29-09

Hrs Flowed 24 Hrs Choke 32/64

Sand Content - Light

Water Last 24 Hrs - 1096 BBls BWR - 2262 BBls BWLTR - 34,361 BBls

Total BBls - 36,623 BBls Percent Recovered 6.2%

Water - PH- 7, Chlorides - 6300 PPM

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 0

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: CARBON STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/30/2009	<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: _____

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

Completion activity report, 10/1/09-10/30/09.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 02, 2009

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/30/2009

State #16H-32-15-12 10/1/2009 06:00 - 10/2/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary
Well Shut in & Secured

Rig iron to flow from casing, Open to tank fully open - 1, MIRU Nabors Rig
 ND Frac Valve & Cross Prep to Install BOP
 ND Frac Valve, Install BOP
 Schaffer 7-1/16" 5K Double - Blinds & 2-3/8" Rams
 RU Floor & Equipment
 SPot tubing Trailer with 228 Jts of 2-3/8" 4.7# L-80 - 5, TIH with tubing BHA as follows

31.76' 1 Jt 2-3/8" 4.7# L-80
 1.13' Weatherford X-Nipple 1.875" ID
 31.74' 1 Jt 2-3/8" 4.7# L-80
 1.23' Weatherford XN-Nipple
 31.72' 1 Jt 2-3/8" 4.7# L-80
 0.36' Weatherford Wireline Re-Entry Guide 2" ID

TIH with tubing - 5, Land Tubing as follows

14.00' KB Correction
 7134.56' 225 Jts 2-3/8" 4.7# L-80 EUE
 1.13' Weatherford X - Nipple 1.875" ID
 31.74' 1 Jt 2-3/8" 4.7# L-80 EUE
 1.23' Weatherford XN-Nipple
 31.72' 1 Jt 2-3/8" 4.7# L-80 EUE
 .36' Weatherford Wireline Re-Entry Guide 2.00" ID

X_Nipple @ 7148' with KB

XN_Nipple @ 7182' with KB

EOT @ 7215' - 0.5, RD Floor, ND BOPE, RU Prod Tree. 1Jt of Tubing on Ground

Rlg Flow iron to Tubing, Monitor Casing Pressure - 2, Flow thru tubing to open top tank

Date 10-2-09 @ 5:00 AM FTP - 20# CP - 110# 18/64 Choke

Summary Date 10-1-09

Hrs Flowed 24 Hrs Choke 18/64

Sand Content - None

Water Last 24 Hrs - 513 BBls BWR - 3319 BBls BWLTR - 33,304 BBls

Total BBls - 36,623 BBls Percent Recovered 7.6%

Water - PH- 7, Chlorides - 7900 PPM, 8.6#/gal

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 10.5

State #16H-32-15-12 10/2/2009 06:00 - 10/3/2009 06:00

API/UWI 43-007-31482	State/Province UT	County CARBON	Field Name Hook	Well Status Released for Work	Total Depth (ftKB) 10,565.0	Primary Job Type Drilling & Completion
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Time Log Summary

Flowing well to open top tank

RDMO Workover Rig,

Cleaning Tanks, Moving tanks off location.

Released 2 light plants, Still 2 light plants on Rent - 4, Tlme

	Tubing	Casing	Choke	Water
7:00 AM	20	110	18/64	10 BBIs/hr
8:00 AM	20	110	18/64	14 BBIs/hr
9:00 AM	20	110	18/64	14 bbls/hr
10:00 AM	20	110	18/64	10 bbls/hr
11:00 AM	20	110	18/64	14 bbls/hr
12:00 PM	20	110	18/64	14 bbls/hr
1:00 PM	20	110	18/64	14 BBIs/hr
2:00 PM	20	110	18/64	10 BBIs/hr
3:00 PM	20	110	18/64	10 BBIs/hr
4:00 PM	20	110	18/64	10 bbls/hr
5:00 PM	20	110	18/64	10 bbls/hr
6:00 pM	20	115	18/64	10 bbls/hr - 10, Flow thru tubing to open top tank

Date 10-3-09 @ 5:00 AM FTP - 20# CP - 115# 18/64 Choke

Summary Date 10-2-09

Hrs Flowed 24 Hrs Choke 18/64

Sand Content - None

Water Last 24 Hrs - 248 BBIs BWR - 3328 BBIs BWLTR - 33,047 BBIs

Total BBIs - 36,623 BBIs Percent Recovered 9.02%

Water - PH- 7, Chlorides - 7200 PPM, 8.7#/gal

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 10

State #16H-32-15-12 10/3/2009 06:00 - 10/4/2009 06:00

API/UWI 43-007-31482	State/Province UT	County CARBON	Field Name Hook	Well Status Released for Work	Total Depth (ftKB) 10,565.0	Primary Job Type Drilling & Completion
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Time Log Summary

Time	Tubing	Casing	Choke	Water
7:00 AM	000	20	18/64	10 bbls/hr
8:00 AM	000	20	18/64	5 bbls/hr
9:00 AM	000	20	18/64	10 bbls/hr
10:00 AM	000	20	18/64	5 bbls/hr
11:00 AM	000	20	18/64	5 bbls/hr
12:00 PM	000	20	18/64	5 bbls/hr
1:00 PM	000	20	18/64	10 bbls/hr
2:00 PM	000	20	18/64	10 bbls/hr
3:00 PM	000	20	18/64	5 bbls/hr
4:00 PM	000	20	18/64	8 bbls/hr
5:00 PM	000	20	18/64	7 bbls/hr - 12, Flow thru tubing to open top tank

Date 10-4-09 @ 5:00 AM FTP - 20# CP - 100# 18/64 Choke

Summary Date 10-3-09

Hrs Flowed 24 Hrs Choke 18/64

Sand Content - None

Water Last 24 Hrs - 170 BBls BWR - 3756 BBls BWLTR - 32,877 BBls

Total BBls - 36,623 BBls Percent Recovered 10.20%

Water - PH- 6, Chlorides - 0080 PPM, 8.6#/gal

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 12

State #16H-32-15-12 10/4/2009 06:00 - 10/5/2009 06:00

API/UWI 43-007-31482	State/Province UT	County CARBON	Field Name Hook	Well Status Released for Work	Total Depth (ftKB) 10,565.0	Primary Job Type Drilling & Completion
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Time Log Summary

Time	Tubing	Casing	Choke	Water
7:00 AM	20	100	18/64	10 bbls/hr
8:00 AM	20	100	18/64	7 bbls/hr
9:00 AM	20	100	18/64	8 bbls/hr
10:00 AM	20	100	18/64	5 bbls/hr
11:00 AM	20	100	18/64	5 bbls/hr
12:00 PM	20	100	18/64	5 bbls/hr
1:00 PM	20	100	18/64	5 bbls/hr
2:00 PM	20	100	18/64	5 bbls/hr
3:00 PM	20	100	18/64	5 bbls/hr
4:00 PM	20	100	18/64	5 bbls/hr
5:00 PM	20	100	18/64	5 bbls/hr
6:00 PM	20	100	18/64	5 bbls/hr - 12, Flow thru tubing to open top tank

Date 10-5-09 @ 5:00 AM FTP - 0# CP - 90# 64/64 Choke

Summary Date 10-4-09

Hrs Flowed 24 Hrs Choke 18/64

Sand Content - None

Water Last 24 Hrs - 129 BBls BWR - 3885 BBls BWLTR - 32,736 BBls

Total BBls - 36,623 BBls Percent Recovered 10.60%

Water - PH- 6, Chlorides - 7800 PPM, 8.7#/gal

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 12

State #16H-32-15-12 10/5/2009 06:00 - 10/6/2009 06:00

API/UWI 43-007-31482	State/Province UT	County CARBON	Field Name Hook	Well Status Released for Work	Total Depth (ftKB) 10,565.0	Primary Job Type Drilling & Completion
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Time Log Summary

Time	Tubing	Casing	Choke	Water
7:00 AM	0	90	64/64	0 bbls/hr
8:00 AM	0	90	64/64	0 bbls/hr
9:00 AM	0	90	64/64	0 bbls/hr
10:00 AM	0	90	64/64	0 bbls/hr
11:00 AM	0	90	24/64	0 bbls/hr
12:00 PM	0	90	24/64	5 bbls/hr
1:00 PM	15	90	00/64	00 bbls/hr Well Shut in
2:00 PM	25	90	00/64	00 bbls/hr Well Shut in
3:00 PM	75	100	00/64	00 bbls/hr Well Shut in
4:00 PM	110	100	00/64	00 bbls/hr Well Shut in
5:00 PM	110	100	00/64	00 bbls/hr Well Shut in
6:00 PM	110	100	00/64	00 bbls/hr Well Shut in
7:00 PM	110	100	00/64	00 bbls/hr Well Shut in
8:00 PM	110	100	00/64	00 bbls/hr Well Shut in
9:00 PM	110	100	00/64	00 bbls/hr Well Shut in - 15, Flow thru tubing to open top tank

Date 10-6-09 @ 5:00 AM FTP - 5# CP - 90# 16/64 Choke

Summary Date 10-5-09

Hrs Flowed 16 Hrs Choke 16/64

Sand Content - None

Water Last 24 Hrs - 22 BBls BWR - 22 BBls BWLTR - 32,714 BBls

Total BBls - 36,623 BBls Percent Recovered 11.88%

Water - PH- 6, Chlorides - 7400 PPM, 8.7#/gal

No Burnable Gas

Static Psi - 0#

MCF Last 24 Hrs - 000

Last Gas Rate -- 000 MCF/Day - 9

State #16H-32-15-12 10/6/2009 06:00 - 10/7/2009 06:00

API/UWI 43-007-31482	State/Province UT	County CARBON	Field Name Hook	Well Status Released for Work	Total Depth (ftKB) 10,565.0	Primary Job Type Drilling & Completion
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Time Log Summary

Flowback To open top. Tbg.-0#, Csg.-10# - 1, JSA Safety Meeting Jetting w/N2 - 0.5, MIRU CTS 1 1/4" CTU. NU on 2 1/16" flange. Test to 3k. RIH w/ Coil connector and wash nozzle. Pumping 500 N2 to 4500'. (Increased rate to 1000 N2 to 7100'. Recovered 180 Bbls.total. Recovery rate 25 Bbls./hr.) (Cut N2 back to 500 /min. Recovered 250 Bbls. total. Recovery rate 30 Bbls./hr.) (Cut N2 off Tbg. Dropped to 0#.) (Brought N2 Back online @ 500 /min. Recovery rate 30 Bbls./hr.) (Cut N2 @ 21:00 for 30 min. Tbg. dropped to 0# Recovery rate 8 Bbls./hr.) (N2 on line @ 500 /min. Recovery rate 30 Bbls./hr.)

As of 04:00

Total Recovered during Jetting for day- 658 Bbls.

Tbg.-130#

Csg.-490#

Total recovered after frac- 4570 Bbls.

Total load to recover- 32053

Fluid - 8.8# PH-6 - 22.5

State #16H-32-15-12 10/7/2009 06:00 - 10/8/2009 06:00

API/UWI 43-007-31482	State/Province UT	County CARBON	Field Name Hook	Well Status Released for Work	Total Depth (ftKB) 10,565.0	Primary Job Type Drilling & Completion
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Time Log Summary

Cont. Jetting w/ Coil and N2. 500/min N2 Recovery rate 30 Bbls./hr. Cut N2 @ 07:00- 09:00 Recovery rate 9 Bbls./hr. N2 Back online @ 300/min. recovery rate @ 30-35 Bbls./hr @ 15:00 TOOH w/ Coil. Csg.-800#, Tbg. Flowing @ 100#-150#. Monitor Tbg. @ 17:00 recovery rate 81 Bbls./hr. Tbg. 100#-150#. Csg.-800#. Cont. Flowback thru out the night. CTS still rigged up. - 11, Flowback to open top: @ 01:00 Flow testers Took tbg. to Flare FTP-110#, SICP-1060# Choke 64/64 Recovery rate @ 57 Bbls./hr., Flow rate 424, 8.7#, PH7, Sal 9800 ppm.

As of 04:00:

FTP-80#, SICP-1160#, Choke- 64/64, FR-253 mcf, BWRPH- 57, BWRAF-5556, BWLTR- 31067

@ 04:30 open tbg. back on 2" - 13

State #16H-32-15-12 10/8/2009 06:00 - 10/9/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary Flowback to open top. - 1, RDMO CTS CTU - 1, As of 04:00 FTP-60#, SICP-1220#, Choke- 2", BPH-32, BWRAF-6760, last 24 Hrs.-1135, BWTR-29863.PH-7, 8.8# - 22						

State #16H-32-15-12 10/9/2009 06:00 - 10/10/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary As of 04:00 FTP-70#, SICP-970#, BWPH-18, 8.8#, PH-7, Sal 10800, 89*. BWRAF-7482, BWLTR-29123, BWRL 24hr-681 - 24						

State #16H-32-15-12 10/10/2009 06:00 - 10/11/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary 10:00 Choke 2", FTP-90#, SICP-940#, BWPH-28, BWRAF-7639, 8.7#, PH-7, sal. 1160 - 6, @ 10:30 Diverted thru unit took gas sample. Choke 2", FTP-90#, SICP-940#, Static-50#, Gas temp-40*, Flowrate-366, BWPH-18, @ 19:30 Diverted Back to open top Tbg. was to unstable and was decreasing recovery. - 12, As of 04:00 FTP-100#, SICP-1080#, BWPH-15, 8.8#, PH-7, Sal 10500, 89*. BWRAF-7876, BWLTR-28729, BWRL 24hr-362, MCF/4-123 - 6						

State #16H-32-15-12 10/11/2009 06:00 - 10/12/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary 10:00, Choke- 2", FTP-0#, SICP- 1000#, BWPH-10 Bbls., BWRAF-7945 Bbls., 8.7# - 6, 18:00, Choke- 2", FTP- 20#, SICP- 1140#, BWPH-14 Bbls., BWRAF-8063 Bbls., 8.7#, PH-7, Sal 1110 ppm, BWLTR- 28518 Bbls. - 12, 04:00, Choke-2", FTP- 10#, SICP- 1120, BWPH- 5 Bbls., BWRAF- 8190, BWRL 24 hr-294, BWTR- 28515 - 6						

State #16H-32-15-12 10/12/2009 06:00 - 10/13/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary 12:00 Choke-2", FTP-20#, SICP-1120, BWPH-10, BWRAF-8298 Bbls., 8.7#.Sal 11200ppm,Ph-7 - 6, 12:00 Choke-2", FTP-20#, SICP-1170, BWPH-23, BWRAF-8391 Bbls., 8.7#.Sal 11200ppm,Ph-7 - 12, As of 04:00, Choke 2", FTP-2#, SICP-1040#, BWPH-14 Bbls., BWLTR-28071, BWL 24 hr.-317 Bbls., BWRAF-8534 Bbls., 8.7#, Ph-7, Sal 11200 - 6						

State #16H-32-15-12 10/13/2009 06:00 - 10/14/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary - 1, JSA Safety Meeting - 0.5, MIRU CTS 1 1/4" Coil Unit. Wait on Parts. - 6, RIH to 9000' Pump Gel Pill. Pull back into tbg. once pill out coil. - 2, Cont. Jetting. 04:00, Choke- 2", FTP-80#, SICP-1180#, BWPH-9 Bbls., BWRAF-8798, 8.7#, Sal 12000ppm, Ph7 - 14.5						

State #16H-32-15-12 10/14/2009 06:00 - 10/15/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary Cont. Jetting from 10460' to 6789'. Waited 1hr between runs to 10460'. Circ. rate 500 scf. 96 Bbls. recovered during Jetting Job. RDMO CTS CTU. NU Upper Tree Flange. - 17.5, Cont. Flowback to open top. As of 04:00 Choke 2", FTP-60#, SICP-1060#, BWRL24hr.-210 Bbls., BWRAF-9033 Bbls., BWLTR-27590., 8.7#, Ph7, Sal 12200ppm. - 6.5						

State #16H-32-15-12 10/15/2009 06:00 - 10/16/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary Cont. Flowback to opentop. @ 13:10 Rig into Casing, 13:18 Open to flare @ 14:00, Choke-24/64, FCP- 780#, SITP-340#, Static-80#, Gas Temp. 50*, Flow Rate-857, BWRPH-14Bbls., 8.7#, Ph-7, Sal 11800ppm. - 10, Tied back into Tbg. and Flowback to Flare 18:00, Choke 18, FTP-140, SICP-160, Static-20, Flow Rate-182, BWRPH-0, BWRAF-9150, BWLTR-27360, Ph7, Sal 11600. - 7, 04:00, Choke 2", FTP-40, SICP-1000, BWRPH-0, BWRAF-9245, 8.7#, BWRL24hrs.-207,Ph7, Sal 11500ppm - 7						

State #16H-32-15-12 10/16/2009 06:00 - 10/17/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Flowback to open top. - 11.5, @ 17:30 MIRU Northern-Light, RIH w/ 1.90" gauge ring to X-Nipple. POOH, change out tools. RIH w/ production gauges and 1.85" No-Go on bottom of gauges, set tools on XN-Nipple. Gauges are set for 10 sec. readings, and will be left in hole for 3 days while flowing. POOH, RDMO Northern-Lights. - 2, Open Tbg. @ 19:25, Choke 2", SITP-980#, SICP-980#,
As of 04:00, Choke 2", FTP-90, SICP-780, 14 Bbls/hr, BWRAF-9619 Bbls., 8.7#, Ph7, Sal-12400, BWLTR-26962 Bbls. - 10.5

State #16H-32-15-12 10/17/2009 06:00 - 10/18/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Flowback to open top, @ 16:50 Divert to flare, @ 17:00, Choke 2", FTP-90#, SICP-700#, Static-40#, Gas Temp.-75*, Flow rate- 157, BWRPH-18 Bbls., BWRAF-9797, Also took gas sample. - 11, As of 04:00, Choke 2", FTP-90#, SICP-700#, Static-40#, Gas Temp.-60*, Flow Rate-656, BWRPH-10 Bbls., BWRAF-9931 Bbls. Total MCF/D-224.5, BWLTR-26665 Bbls. - 13

State #16H-32-15-12 10/18/2009 06:00 - 10/19/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Flow Back Thru Cathedral, At 18:00 Diverted back to open top , Choke- 2", FTP-20, SICP-700, Static-10, Gas Temp.77, Flow Rate-235, BWRPH-14, BWRAF-10079, 8.7#, Ph-7,, Sal-12000, Total MCF/D-179
As of 04:00, Choke 2", FTP-100, SICP-600, BWPH-10, BBWRAF-10208, 8.8#, PH7, Sal11200ppm, - 24

State #16H-32-15-12 10/19/2009 06:00 - 10/20/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Flowback to open top, As of 12:00, Choke 2", FTP-60, SICP-600, BWRPH-10, BWRAF-10006, BWRL24hrs-60, BWLTR-26309.
Well Shut in @ 12:15 For BHP Test.
As of 04:00 SITP-970, SICP-1000 - 24

State #16H-32-15-12 10/20/2009 06:00 - 10/21/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

WSI.
As of 04:00
SITP.-1200#
SICP.-1200# - 24

State #16H-32-15-12 10/21/2009 06:00 - 10/22/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

WSI.
SITP-1480#
SICP-1440# - 24

State #16H-32-15-12 10/22/2009 06:00 - 10/23/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary
State #16H-32-15-12 10/23/2009 06:00 - 10/24/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

WSI. - 2, SITP-1570#
SICP-1580#
MIRU Northern-Lights, RIH w/ 1.0" BHP Pulling Tool Latch and Pull Gauges @ 7160', POOH making 100' gradient stops to 6166' then 500' stops to surface.
SPIDR Downloaded in attachments and emailed to denver.
Data from gauges sent to denver via email. - 3, Open Tbg on a 12/64 Choke @ 10:00
As of 04:00; Choke 12/64, FTP-190#, SICP-1340#, Static-10#, Gas Temp-50*, Flow Rate-92, BWRPH-0, BWRAF-10006, Total MCF/D-104.1, BWLTR-26309 - 19

State #16H-32-15-12 10/24/2009 06:00 - 10/25/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Flowback Thru test equip.
 @ 06:30 Opened on a 2"
 @ 18:50 Choke 2", FTP-10#, SICIP-910#, Static-10, Flow rate-50
 @ 19:00 Shut well In to build PSI. - 24

State #16H-32-15-12 10/25/2009 06:00 - 10/26/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

Flowback thru test equip.
 As of 05:30, Choke 18/64, FTP-260#,SICIP-920#,Static-20, Flow Rate-178,Total MCF/D274.6, BWRAF-36623, BWRL24hr-231, BWLTR-26078 - 24

State #16H-32-15-12 10/26/2009 06:00 - 10/27/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

10:00, Choke 18/64, FTP-180#, SICIP-920#, Static-40#, Temp.-30*, Flow Rate-236, BWRPH-10 Bbls., 8.8#, PH7, Sal.-12800 - 6, 20:00, Choke-18/64, FTP-220#, SICIP-900#, Static-30#, Temp.57*, Flow Rate-174, BWRPH-7 Bbls. - 12, Flowback thru test equip.
 As of 04:00, Choke 18/64, FTP-240#, SICIP-900#, Static-20#, Gas Temp.-53*, Flow Rate-160, BWRPH-4 Bbls., 8.7#, PH7, Sal12900, MCF/D-182.2, BWRL24hrs.-166 Bbls. - 6

State #16H-32-15-12 10/27/2009 06:00 - 10/28/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

10:00, Choke-18/64, FTP-280#, SICIP-900#, Temp.-54, Static-50#, Flow Rate-214, BWRPH-7, BWRAF-10626, 8.7#, PH7, Sal.-13000 - 6, 20:00, Choke-18/64, FTP-230#, SICIP-880#, Temp.-55, Static-40#, Flow Rate-186, BWRPH-4, BWRAF-10682, 8.7#, PH7, Sal.-12200 - 12, Flowback thru test equip.
 As of 04:00, Choke 18/64, FTP-240#, SICIP-880#, Static-60#, Temp.-58*, Flow Rate-247, BWRPH-4, BWRAF-10721, Total MCF/D-202.9, BWRL24hr-126, 8.7#, PH7, Sal.-12400 - 6

State #16H-32-15-12 10/28/2009 06:00 - 10/29/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion

Time Log Summary

12:00, Choke 18/64, FTP-260#, SICIP-860#, Static-60#, Temp.-61*, Flow Rate-211, BWRPH-10, BWRAF-10767, Wt.-8.7#, PH7, Sal.-13800 - 6, 18:00, Choke 18/64, FTP-180#, SICIP-840#, Static-55#, Temp.-57*, Flow Rate-261, BWRPH-7, BWRAF-11126, Wt.-8.7#, PH7, Sal.-13200 - 12, As of 04:00, Choke 18/64, FTP-230#, SICIP-840#, Static-70#, Temp.-58*, Flow Rate-258, BWRPH-5, BWRAF-11181, BWLTR-25442, MCF/D-204, BWRL24hr-146 - 6

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 4300731482000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: CARBON 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: 11/8/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input 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: _____

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

Bill Barrett Corporation requests a 90 day extension to the existing 30 day flaring/venting which ends 11/8/09. Approximately 30% of the fluid used for stimulation has been recovered with an average of 100-200 barrels of fluid being recovered per day. Currently it appears that a significant amount of fluid will need to be recovered for the well to maintain a constant pressure and flow rate. Since flaring began October 8th, 2009 this well has produced approximately 6.0 MMCFG. The 90 day extension will allow BBC to determine the commerciality of this well and the next actions to be taken. The well will not be vented or flared continuously during this period and will not exceed the 50 mmcf limit. An 8 week pressure buildup test will begin on 11/1/09. If you have any questions, please contact me.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 05, 2009

By: *Derek Duff*

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/30/2009	



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 43007314820000

**Completion work and additional gas well potential tests as allowed under R649-3-19-3
and R649-3-20-2.1.**

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

Date: November 05, 2009
By: *David K. Quist*

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
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2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	COUNTY: CARBON STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input 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: 12/2/2009	<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: _____

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

Completion activity report, 10/30/09-12/02/09.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 December 03, 2009

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 12/2/2009

State #16H-32-15-12 10/30/2009 06:00 - 10/31/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
12:00, Choke 18/64, FTP-280#, SICP-810#, Static-60#, Temp.-62*, Flow Rate-211, BWRPH-5 Bbls., BWRAF-11352 Bbls., 8.7#, Sal-13800 - 6, 16:00, Choke 18/64, FTP-240#, SICP-800#, Static-50#, Temp.-63*, Flow Rate-193, BWRPH-5 Bbls., BWRAF-11377 Bbls., 8.7#, Sal-13000. @ 16:00 WSI for Slickline Work. - 4, MIRU Northern-Lights, RIH w/ 1.901" Gauge ring to x nipple @ 7136' POOH. RIH w/ BHP gauges and set on X Nipple. RDMO Northern-Lights. - 2, SITP-#810 SICP-#840 Open Tbg. @ 18:45 on a 18/64 Choke As of 04:00, Choke 18/64, FTP-200#, SICP-830#, Static-60#, Temp.-63*, Flow Rate-243, BWRPH-5 Bbls., BWRAF-11421 Bbls., 8.7#, Sal-12800, Total MCF/D-205.9, BWRL24hr-101 - 12						

State #16H-32-15-12 10/31/2009 06:00 - 11/1/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
12:00, Choke 18/64, FTP-200#, SICP-820#, Static-60#, Temp.-62*, Flow Rate-197, BWRPH-5 Bbls., BWRAF-11460 Bbls., 8.7#, Sal-13000, - 6, 18:00, Choke 18/64, FTP-160#, SICP-820#, Static-70#, Temp-61*, Flow Rate-230, BWRPH-4, BWRAF-11497, 8.7#, Sal.-12900 - 12, As of 04:00, Choke 18/64, FTP-240#, SICP-810#, Static-60#, Temp.-60*, Flow Rate-190, BWRPH-6 Bbls., BWRAF-11544 Bbls., 8.7#, Sal-13200, Total MCF/D-201.1, BWRL24hr-120 - 6						

State #16H-32-15-12 11/1/2009 06:00 - 11/2/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
12:00, Choke 18/64, FTP-220#, SICP-800#, Static-50#, Temp.-64*, Flow Rate-179, BWRPH-5 Bbls., BWRAF-11584 Bbls., 8.7#, Sal-13600, - 6, 18:00, Choke 18/64, FTP-180#, SICP-800#, Static-60#, Temp-61*, Flow Rate-247, BWRPH-5, BWRAF-11641, 8.7#, Sal.-13000 - 12, As of 04:00, Choke 18/64, FTP-180#, SICP-780#, Static-50#, Temp.-52*, Flow Rate-243, BWRPH-4 Bbls., BWRAF-11659 Bbls., 8.7#, Sal-13200, Total MCF/D-202, BWRL24hr-110. 32% Fluid Recovery - 6						

State #16H-32-15-12 11/2/2009 06:00 - 11/3/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
12:00, Choke 18/64, FTP-220#, SICP-780#, Static-50#, Temp.-58*, Flow Rate-197, BWRPH-5 Bbls., BWRAF-11703 Bbls., 8.7#, Sal-13800, - 6, As of 18:00, Choke-18/64, FTP-230#, SICP-780#, Static-50#, Temp-63*, Flow Rate-207, BWRPH-5 Bbls., BWRAF-11733, 8.7#, Sal-13600, BWRL24hr-65 Bbls., Total MCF/D-108.9, BWLTR-25010. @ 18:00 Took a Gas sample and Shut Well In. - 6, RD Flowback equipment. - 12						

State #16H-32-15-12 11/3/2009 06:00 - 11/4/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31482	UT	CARBON	Hook	Released for Work	10,565.0	Drilling & Completion
Time Log Summary						
Cont. RDMO Cathedral. Clean Opentop tanks w/ Redi Services. RNI Emptied Remaining Frac Tanks. Truck will arrive in the a.m. to move equipment. - 6						

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
------------------------------------	---

2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
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3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	COUNTY: CARBON STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input 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: 1/5/2010	<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: _____

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

Well shut-in for pressure build up.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 05, 2010

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/5/2010	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
--	--

1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
------------------------------------	---

2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
--	---

3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8128 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
---	--	---

4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	COUNTY: CARBON STATE: UTAH
---	---

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/4/2010	<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: _____

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

Well shut-in for pressure build up.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 04, 2010

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 2/3/2010

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

CONFIDENTIAL

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:
Bill Barrett Corporation

3. ADDRESS OF OPERATOR: 1099 18th Street, #2300 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 312-8134

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 642' FSL, 370' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 762' FSL, 1013' FEL, Sec. 32
AT TOTAL DEPTH: 813' FSL, 2047' FWL, Sec. 32 *per HSM review*

5. WELL DESIGNATION AND SERIAL NUMBER: ML-49797

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: State 16H-32-15-12

9. API NUMBER: 4300731482

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 15S 12E

12. COUNTY: Carbon 13. STATE: UTAH

14. DATE SPUNDED: 3/2/2009 15. DATE T.D. REACHED: 5/21/2009 16. DATE COMPLETED: 11/2/2009 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 5563' GL, 5579' RKB

18. TOTAL DEPTH: MD 10,565 TVD 7,864 *923* 19. PLUG BACK T.D.: MD 10,499 TVD 7,862 *57* 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)
DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Dipole Sonic

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	9 5/8" J-55	36#	0	1,029		Class 560	115	Surface-CIF	0
8 3/4"	7" N80	23#	0	7,066		Hal Lt 430	245	700'-CALC	string wt
	P11	26#	7,067	8,177		50/50 130	34		
6 1/8"	4 1/2" P11	15.1#	0	10,537		50/50 1,05	220	3302'-CBL	90,000 lbs

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	7,215							

26. PRODUCING INTERVALS 27. PERFORATION RECORD **See attached perf table**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Manning Canyon	8,251	10,436	7,839	7,862				Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10,166' - 10,436'	Stg 1: 110,740 gals 3% KCL wtr; 2500 gals 15% HCL; 97,000# 100 mesh sand
9,870' - 10,139'	Stg 2: 180, 293 gals 3% KCL wtr; 2500 gals 15% HCL; 40,700# 100 mesh; 43,800# 40/70 white sanc
9,575' - 9,844'	Stg 3: 208,545 gals 3% KCL wtr; 2500 gals 15% HCL; 41,900# 100 mesh; 44,300# 40/70 white sand

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

30. WELL STATUS: **Shut in for further eval**

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 9/28/2009		TEST DATE: 10/25/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 275	WATER – BBL: 235	PROD. METHOD: test sep
CHOKE SIZE: 18/64"	TBG. PRESS. 204	CSG. PRESS. 920	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 275	WATER – BBL: 235	INTERVAL STATUS:

INTERVAL B (As shown in Item #26)

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

INTERVAL C (As shown in Item #26)

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

INTERVAL D (As shown in Item #26)

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

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

Flared

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:

See Attached

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Total Depth	10,565

35. ADDITIONAL REMARKS (Include plugging procedure)

This well is currently shut-in pending further evaluation.

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

NAME (PLEASE PRINT) Tracey Fallang TITLE Regulatory Analyst
 SIGNATURE *Tracey Fallang* DATE 2/26/2010

This report must be submitted within 30 days of

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

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

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

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

NOTE:

BBC was not able to drill to the projected TD (660' FWL) due to hole conditions encountered while drilling.

27. PERFORATION RECORD

Perf Interval #	Top Perf Interval	Bmt Perf Interval	Perf EHD (in)	No. Holes	Perf Status
1	10435	10436	0.43	6	Open
2	10418	10419	0.43	6	Open
3	10374	10375	0.43	6	Open
4	10346	10347	0.43	6	Open
5	10320	10321	0.43	6	Open
6	10301	10302	0.43	6	Open
7	10166	10167	0.43	6	Open
				42	
8	10138	10139	0.43	6	Open
9	10111	10112	0.43	6	Open
10	10075	10076	0.43	6	Open
11	10048	10049	0.43	6	Open
12	10021	10022	0.43	6	Open
13	9870	9871	0.43	6	Open
				36	
14	9843	9844	0.43	6	Open
15	9816	9817	0.43	6	Open
16	9786	9787	0.43	6	Open
17	9753	9754	0.43	6	Open
18	9723	9724	0.43	6	Open
19	9575	9576	0.43	6	Open
				36	
20	9548	9549	0.43	6	Open
21	9521	9522	0.43	6	Open
22	9485	9486	0.43	6	Open
23	9458	9459	0.43	6	Open
24	9431	9432	0.43	6	Open
25	9280	9281	0.43	6	Open
				36	
26	9253	9254	0.43	6	Open
27	9226	9227	0.43	6	Open
28	9190	9191	0.43	6	Open
29	9163	9164	0.43	6	Open
30	9136	9137	0.43	6	Open
31	8985	8986	0.43	6	Open
				36	

State 16H-32-15-12 Report Continued

Perf Interval #	Top Perf Interval	Bmt Perf Interval	Perf EHD (in)	No. Holes	Perf Status
32	8958	8959	0.43	6	Open
33	8931	8932	0.43	6	Open
34	8895	8896	0.43	6	Open
35	8868	8869	0.43	6	Open
36	8841	8842	0.43	6	Open
37	8690	8691	0.43	6	Open
				36	
38	8663	8664	0.43	6	Open
39	8636	8637	0.43	6	Open
40	8600	8601	0.43	6	Open
41	8573	8574	0.43	6	Open
42	8546	8547	0.43	6	Open
43	8395	8396	0.43	6	Open
				36	
44	8368	8369	0.43	6	Open
45	8341	8342	0.43	6	Open
46	8305	8306	0.43	6	Open
47	8278	8279	0.43	6	Open
48	8251	8252	0.43	6	Open
				30	

State 16H-32-15-12 Report Continued

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)	
AMOUNT AND TYPE OF MATERIAL	
Stg 4	214,713 gals 3% KCL wtr; 2500 gals 15% HCL; 44,500# 100 mesh; 62,700# 40/70 white sand
Stg 5	214,527 gals 3% KCL wtr; 2500 gals 15% HCL; 42,500# 100 mesh; 52,000# 40/70 white sand
Stg 6	206,155 gals 3% KCL wtr; 2500 gals 15% HCL; 55,000# 100 mesh; 73,300# 40/70 white sand
Stg 7	220,057 gals 3% KCL wtr; 2500 gals 15% HCL; 55,000# 100 mesh; 72,300# 40/70 white sand
Stg 8	123,580 gals 3% KCL wtr; 2900 gals 15% HCL; 53,120# 100 mesh; 36,500# 40/70 white sand

CONFIDENTIAL

34. Formation (Log) Markers:

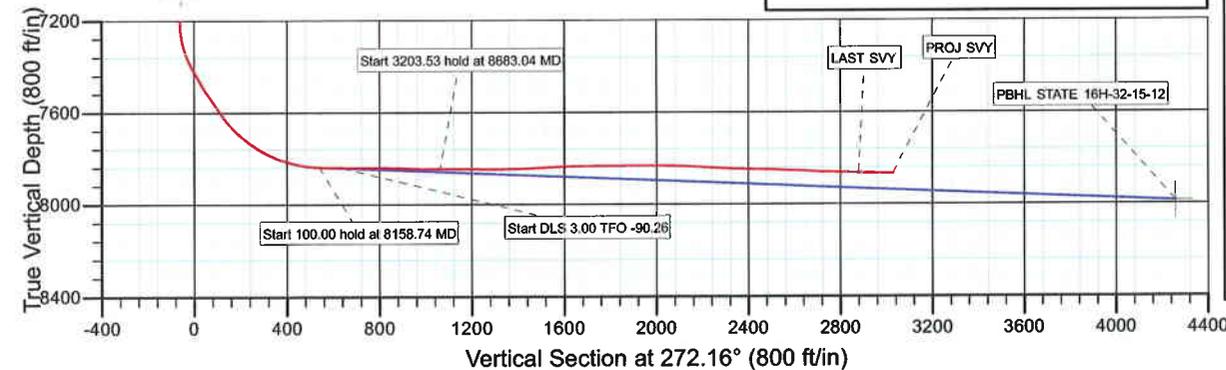
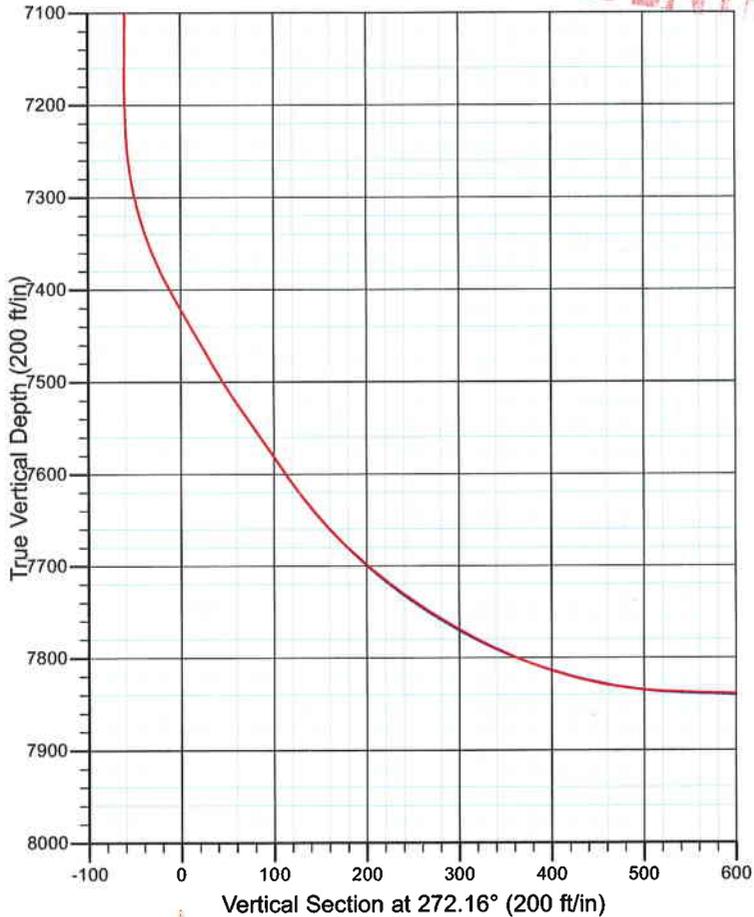
Well Name
State #16H-32-15-12
Ground Elevation (ft)
5,563.00

Formation Tops

Formation Name	Final Top MD (ftKB)
Morrison	1,100.9
Curtis	1,708.3
Entrada	1,919.9
Carmel	2,259.6
Navajo	2,537.1
Kayenta	2,917.0
Wingate	3,027.2
Chinle	3,421.0
Moenkopi	3,713.0
Sinbad	4,351.1
Kaibab	4,756.7
Coconino	4,942.4
Pennsylvanian	5,728.0
Manning Canyon	7,600.0
TD	10,565



Company: BILL BARRETT CORP
 Project: CARBON COUNTY, UT (NAD 27)
 Site: STATE SECTION 32, T15S, R12E
 Well: STATE 16H-32-15-12
 Wellbore: STATE 16H-32-15-12
 Design: STATE 16H-32-15-12
 Lat: 39° 28' 17.540 N
 Long: 110° 35' 23.201 W
 GL: 5563.00
 KB: WELL @ 5579.00ft (PATTERSON 506)



SECTION DETAILS

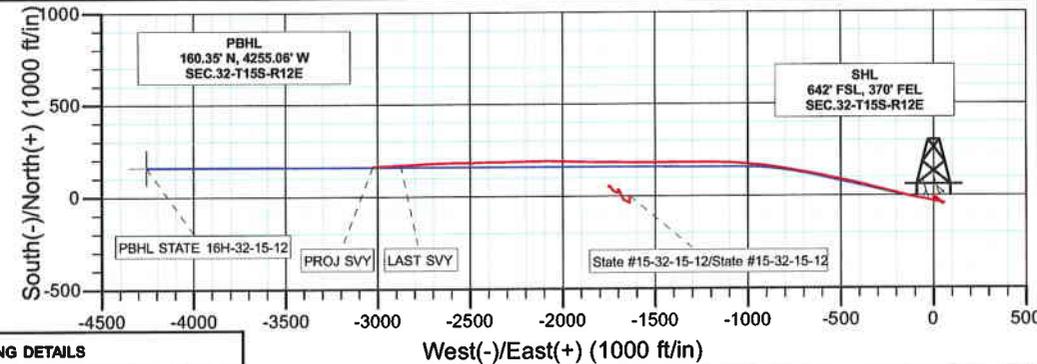
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
7652.00	35.44	282.75	7605.03	-5.24	-117.01	0.00	0.00	116.73	Tie on Point Start Build 10.31
8158.74	87.70	282.75	7838.00	89.74	-536.73	10.31	0.00	539.73	Start 100.00 hold at 8158.74 MD
8258.74	87.70	282.75	7842.02	111.79	-634.19	0.00	0.00	637.95	Start DLS 3.00 TFO -90.26
8682.48	87.70	270.03	7859.09	158.81	-1054.09	3.00	-90.26	1059.32	Start 3203.53 hold at 8683.04 MD
11886.03	87.70	270.03	7987.66	160.35	-4255.06	0.00	0.00	4258.08	TD at 11886.57

WELL DETAILS: STATE 16H-32-15-12

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	415872.41	2256946.81	39° 28' 17.540 N	110° 35' 23.201 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape Point
PBHL STATE 16H-32-15-12	7987.66	160.35	-4255.06	415989.45	2252690.69	39° 28' 19.121 N	110° 36' 17.460 W	



CASING DETAILS

TVD	MD	Name	Size
999.99	1000.00	9 5/8"	9-5/8

FORMATION TOP DETAILS

TVDPATH	MDPATH	FORMATION
1034.95	1034.96	HUMBURG
1674.84	1674.93	MORRISON
1881.79	1881.92	CURTIS
2216.71	2216.88	ENTRADA
2489.64	2489.83	CARMEL
2889.52	2889.73	NAVAJO
2989.48	2989.70	KAYENTA
3426.45	3426.69	WINGATE
3712.43	3712.69	CHINLE
4304.23	4304.53	MOENKOPI
4718.09	4718.44	SINBAD
4916.96	4917.35	KAIBAB
5571.53	5572.08	COCONINO
5691.48	5692.05	COCONINO BASE
7469.13	7488.63	PENNSYLVANIAN
		MANNING CANYON

T M

 Azimuths to True North
 Magnetic North: 11.75°
 Magnetic Field
 Strength: 52096.6snT
 Dip Angle: 65.30°
 Date: 4/17/2009
 Model: BGGM2008

PROJECT DETAILS: CARBON COUNTY, UT (NAD 27)

Geodetic System: US State Plane 1927
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: Utah Central 4302
 System Datum: Mean Sea Level

Survey: Survey #1 (STATE 16H-32-15-12/STATE 16H-32-15-12)

Created By: TRACY WILLIAMS Date: 9:16, February 26 2010



Bill Barrett Corporation

BILL BARRETT CORP

**CARBON COUNTY, UT (NAD 27)
STATE SECTION 32, T15S, R12E
STATE 16H-32-15-12**

STATE 16H-32-15-12

Survey: Survey #1

Standard Survey Report

26 February, 2010



Weatherford®

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well STATE 16H-32-15-12
Project:	CARBON COUNTY, UT (NAD 27)	TVD Reference:	WELL @ 5579.00ft (PATTERSON 506)
Site:	STATE SECTION 32, T15S, R12E	MD Reference:	WELL @ 5579.00ft (PATTERSON 506)
Well:	STATE 16H-32-15-12	North Reference:	True
Wellbore:	STATE 16H-32-15-12	Survey Calculation Method:	Minimum Curvature
Design:	STATE 16H-32-15-12	Database:	EDM 2003.21 Single User Db

Project	CARBON COUNTY, UT (NAD 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		Using geodetic scale factor

Site	STATE SECTION 32, T15S, R12E				
Site Position:		Northing:	417,307.86 ft	Latitude:	39° 28' 31.730 N
From:	Lat/Long	Easting:	2,256,919.73 ft	Longitude:	110° 35' 23.360 W
Position Uncertainty:	0.00 ft	Spot Radius:	"	Grid Convergence:	0.58 °

Well	STATE 16H-32-15-12					
Well Position	+N/-S	0.00 ft	Northing:	415,872.41 ft	Latitude:	39° 28' 17.540 N
	+E/-W	0.00 ft	Easting:	2,256,946.81 ft	Longitude:	110° 35' 23.201 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,563.00 ft

Wellbore	STATE 16H-32-15-12				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2008	4/17/2009	11.75	65.30	52,097

Design	STATE 16H-32-15-12				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	272.16	

Survey Program	Date 2/26/2010				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
1,067.00	10,656.00	Survey #1 (STATE 16H-32-15-12)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
1,000.00	0.48	162.50	999.99	-3.98	1.25	-1.40	0.05	0.05	0.00
1,067.00	0.51	162.50	1,066.99	-4.53	1.43	-1.60	0.05	0.05	0.00
1,158.00	0.81	169.38	1,157.98	-5.55	1.67	-1.88	0.34	0.33	7.56
1,250.00	1.31	161.88	1,249.96	-7.19	2.12	-2.38	0.56	0.54	-8.15
1,342.00	0.50	179.13	1,341.95	-8.59	2.45	-2.77	0.92	-0.88	18.75
1,434.00	0.75	165.88	1,433.95	-9.57	2.60	-2.96	0.31	0.27	-14.40
1,529.00	0.81	156.75	1,528.94	-10.79	3.02	-3.42	0.15	0.06	-9.61
1,622.00	1.13	160.25	1,621.92	-12.26	3.59	-4.05	0.35	0.34	3.76
1,715.00	1.25	160.63	1,714.90	-14.08	4.23	-4.76	0.13	0.13	0.41
1,810.00	1.25	162.88	1,809.88	-16.05	4.88	-5.48	0.05	0.00	2.37
1,903.00	1.25	167.13	1,902.86	-18.01	5.41	-6.08	0.10	0.00	4.57



Company: BILL BARRETT CORP
Project: CARBON COUNTY, UT (NAD 27)
Site: STATE SECTION 32, T15S, R12E
Well: STATE 16H-32-15-12
Wellbore: STATE 16H-32-15-12
Design: STATE 16H-32-15-12

Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5579.00ft (PATTERSON 506)
MD Reference: WELL @ 5579.00ft (PATTERSON 506)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,998.00	1.06	161.38	1,997.84	-19.85	5.92	-6.66	0.23	-0.20	-6.05
2,091.00	0.38	85.13	2,090.83	-20.64	6.50	-7.27	1.12	-0.73	-81.99
2,186.00	0.25	74.25	2,185.83	-20.55	7.01	-7.78	0.15	-0.14	-11.45
2,282.00	0.44	154.13	2,281.83	-20.83	7.38	-8.16	0.49	0.20	83.21
2,377.00	1.06	152.88	2,376.82	-21.94	7.94	-8.76	0.65	0.65	-1.32
2,471.00	0.56	112.13	2,470.81	-22.89	8.76	-9.61	0.78	-0.53	-43.35
2,565.00	0.45	35.28	2,564.81	-22.76	9.40	-10.25	0.67	-0.12	-81.76
2,660.00	0.56	42.50	2,659.81	-22.11	9.93	-10.75	0.13	0.12	7.60
2,754.00	0.75	53.00	2,753.80	-21.40	10.73	-11.53	0.24	0.20	11.17
2,850.00	0.63	58.00	2,849.79	-20.74	11.68	-12.45	0.14	-0.13	5.21
2,943.00	0.56	57.63	2,942.79	-20.23	12.49	-13.25	0.08	-0.08	-0.40
3,038.00	0.31	68.00	3,037.79	-19.89	13.12	-13.86	0.27	-0.26	10.92
3,132.00	0.44	22.00	3,131.78	-19.46	13.50	-14.22	0.34	0.14	-48.94
3,226.00	0.69	2.63	3,225.78	-18.56	13.66	-14.35	0.33	0.27	-20.61
3,322.00	0.81	359.88	3,321.77	-17.30	13.68	-14.32	0.13	0.13	-2.86
3,416.00	0.88	1.75	3,415.76	-15.91	13.70	-14.29	0.08	0.07	1.99
3,511.00	0.75	3.50	3,510.75	-14.56	13.76	-14.30	0.14	-0.14	1.84
3,606.00	0.63	0.25	3,605.74	-13.42	13.80	-14.30	0.13	-0.13	-3.42
3,700.00	0.50	46.13	3,699.74	-12.62	14.10	-14.57	0.49	-0.14	48.81
3,795.00	0.31	75.25	3,794.74	-12.27	14.65	-15.10	0.29	-0.20	30.65
3,890.00	0.38	111.50	3,889.74	-12.32	15.19	-15.64	0.24	0.07	38.16
3,985.00	0.63	119.00	3,984.73	-12.69	15.94	-16.41	0.27	0.26	7.89
4,081.00	0.63	134.50	4,080.73	-13.31	16.78	-17.27	0.18	0.00	16.15
4,176.00	0.88	131.13	4,175.72	-14.16	17.70	-18.22	0.27	0.26	-3.55
4,270.00	1.06	138.63	4,269.70	-15.29	18.82	-19.38	0.23	0.19	7.98
4,365.00	0.63	148.25	4,364.69	-16.39	19.67	-20.28	0.48	-0.45	10.13
4,460.00	0.81	147.25	4,459.69	-17.40	20.31	-20.95	0.19	0.19	-1.05
4,555.00	0.81	154.50	4,554.68	-18.57	20.96	-21.65	0.11	0.00	7.63
4,650.00	1.06	141.63	4,649.66	-19.86	21.80	-22.53	0.34	0.26	-13.55
4,743.00	1.06	130.63	4,742.65	-21.10	22.99	-23.76	0.22	0.00	-11.83
4,838.00	1.19	129.88	4,837.63	-22.30	24.41	-25.23	0.14	0.14	-0.79
4,933.00	1.38	123.88	4,932.61	-23.57	26.12	-26.99	0.24	0.20	-6.32
5,028.00	1.44	125.00	5,027.58	-24.90	28.04	-28.96	0.07	0.06	1.18
5,122.00	1.56	123.00	5,121.55	-26.27	30.08	-31.05	0.14	0.13	-2.13
5,218.00	1.50	121.63	5,217.51	-27.64	32.25	-33.27	0.07	-0.06	-1.43
5,314.00	1.00	138.75	5,313.49	-28.93	33.87	-34.94	0.64	-0.52	17.83
5,409.00	0.94	143.75	5,408.48	-30.18	34.88	-35.99	0.11	-0.06	5.26
5,503.00	1.00	142.50	5,502.46	-31.45	35.83	-36.99	0.07	0.06	-1.33
5,598.00	0.94	140.88	5,597.45	-32.72	36.83	-38.04	0.07	-0.06	-1.71
5,692.00	1.06	143.50	5,691.43	-34.01	37.83	-39.09	0.14	0.13	2.79
5,787.00	1.56	135.63	5,786.41	-35.64	39.26	-40.58	0.56	0.53	-8.28
5,882.00	2.06	138.88	5,881.36	-37.85	41.29	-42.69	0.54	0.53	3.42
5,977.00	2.25	144.38	5,976.29	-40.66	43.50	-45.00	0.30	0.20	5.79
6,067.00	2.50	140.88	6,066.22	-43.62	45.77	-47.38	0.32	0.28	-3.89
6,160.00	1.19	125.00	6,159.17	-45.74	47.84	-49.53	1.50	-1.41	-17.08
6,256.00	0.63	64.63	6,255.16	-46.09	49.13	-50.83	1.08	-0.58	-62.89
6,349.00	0.81	56.63	6,348.15	-45.51	50.14	-51.82	0.22	0.19	-8.60
6,444.00	0.75	65.25	6,443.14	-44.88	51.27	-52.92	0.14	-0.06	9.07
6,538.00	0.75	72.88	6,537.13	-44.44	52.41	-54.05	0.11	0.00	8.12
6,633.00	0.63	73.13	6,632.13	-44.11	53.51	-55.13	0.13	-0.13	0.26
6,726.00	0.63	69.75	6,725.12	-43.78	54.48	-56.09	0.04	0.00	-3.63
6,821.00	0.69	66.38	6,820.11	-43.37	55.49	-57.08	0.08	0.06	-3.55
6,916.00	0.56	62.25	6,915.11	-42.92	56.42	-58.00	0.14	-0.14	-4.35
7,010.00	0.75	45.88	7,009.10	-42.28	57.27	-58.82	0.28	0.20	-17.41

Company: BILL BARRETT CORP
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Wellbore: STATE 16H-32-15-12
Design: STATE 16H-32-15-12

Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5579.00ft (PATTERSON 506)
MD Reference: WELL @ 5579.00ft (PATTERSON 506)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,105.00	0.63	41.88	7,104.09	-41.46	58.07	-59.59	0.14	-0.13	-4.21
7,168.00	0.81	29.63	7,167.09	-40.82	58.52	-60.02	0.37	0.29	-19.44
7,243.00	4.01	285.13	7,242.03	-39.67	56.25	-57.70	5.71	4.27	-139.33
7,275.00	8.63	280.75	7,273.83	-38.93	52.81	-54.24	14.51	14.44	-13.69
7,305.00	13.38	280.50	7,303.27	-37.88	47.18	-48.57	15.83	15.83	-0.83
7,336.00	18.06	280.88	7,333.10	-36.31	38.93	-40.27	15.10	15.10	1.23
7,368.00	22.88	281.38	7,363.07	-34.15	27.95	-29.22	15.07	15.06	1.56
7,399.00	27.25	281.75	7,391.14	-31.51	15.09	-16.27	14.11	14.10	1.19
7,431.00	30.00	282.00	7,419.23	-28.36	0.09	-1.16	8.60	8.59	0.78
7,462.00	30.06	281.63	7,446.07	-25.18	-15.09	14.13	0.63	0.19	-1.19
7,494.00	29.88	281.75	7,473.79	-21.94	-30.75	29.90	0.59	-0.56	0.38
7,526.00	32.06	281.13	7,501.22	-18.68	-46.89	46.15	6.89	6.81	-1.94
7,557.00	34.75	280.75	7,527.10	-15.44	-63.64	63.02	8.70	8.68	-1.23
7,589.00	35.19	279.88	7,553.32	-12.16	-81.69	81.17	2.08	1.38	-2.72
7,621.00	34.38	280.88	7,579.61	-8.87	-99.64	99.24	3.10	-2.53	3.13
7,652.00	35.44	282.75	7,605.03	-5.24	-117.01	116.73	4.86	3.42	6.03
7,684.00	38.38	283.75	7,630.61	-0.83	-135.71	135.58	9.38	9.19	3.13
7,716.00	42.50	284.50	7,654.96	4.24	-155.83	155.88	12.96	12.88	2.34
7,746.00	46.06	285.13	7,676.44	9.60	-176.08	176.31	11.96	11.87	2.10
7,778.00	49.44	285.13	7,697.95	15.78	-198.94	199.39	10.56	10.56	0.00
7,810.00	52.44	283.88	7,718.11	22.00	-222.99	223.66	9.85	9.38	-3.91
7,841.00	55.38	283.75	7,736.37	27.98	-247.32	248.19	9.49	9.48	-0.42
7,873.00	58.19	284.00	7,753.90	34.40	-273.30	274.40	8.81	8.78	0.78
7,904.00	61.00	283.75	7,769.58	40.81	-299.26	300.58	9.09	9.06	-0.81
7,936.00	64.00	284.63	7,784.36	47.77	-326.77	328.34	9.69	9.38	2.75
7,968.00	67.06	284.25	7,797.61	55.03	-354.97	356.79	9.62	9.56	-1.19
7,999.00	70.81	284.75	7,808.75	62.27	-382.97	385.05	12.19	12.10	1.61
8,030.00	74.06	284.00	7,818.11	69.61	-411.60	413.93	10.73	10.48	-2.42
8,062.00	77.56	283.13	7,825.95	76.88	-441.75	444.34	11.25	10.94	-2.72
8,094.00	81.38	282.50	7,831.80	83.86	-472.43	475.25	12.09	11.94	-1.97
8,125.00	85.42	282.21	7,835.36	90.45	-502.50	505.55	13.07	13.03	-0.94
8,140.00	87.06	281.38	7,836.34	93.51	-517.15	520.31	12.25	10.93	-5.53
8,205.00	88.88	282.50	7,838.65	106.94	-580.70	584.32	3.29	2.80	1.72
8,237.00	89.19	281.25	7,839.18	113.53	-612.01	615.85	4.02	0.97	-3.91
8,269.00	89.94	281.13	7,839.43	119.74	-643.40	647.46	2.37	2.34	-0.38
8,333.00	89.50	280.50	7,839.74	131.75	-706.26	710.73	1.20	-0.69	-0.98
8,396.00	89.75	280.00	7,840.15	142.96	-768.26	773.10	0.89	0.40	-0.79
8,459.00	89.25	278.50	7,840.70	153.08	-830.43	835.61	2.51	-0.79	-2.38
8,523.00	88.31	277.63	7,842.07	162.06	-893.79	899.25	2.00	-1.47	-1.36
8,586.00	88.06	276.38	7,844.06	169.74	-956.28	962.00	2.02	-0.40	-1.98
8,648.00	89.13	274.88	7,845.58	175.82	-1,017.96	1,023.86	2.97	1.73	-2.42
8,711.00	89.44	273.11	7,846.37	180.21	-1,080.80	1,086.82	2.85	0.49	-2.81
8,774.00	90.56	271.75	7,846.37	182.88	-1,143.74	1,149.82	2.80	1.78	-2.16
8,806.00	91.63	271.00	7,845.76	183.65	-1,175.73	1,181.81	4.08	3.34	-2.34
8,836.00	88.56	269.88	7,845.71	183.88	-1,205.72	1,211.79	10.89	-10.23	-3.73
8,867.00	88.81	269.25	7,846.42	183.64	-1,236.71	1,242.75	2.19	0.81	-2.03
8,898.00	89.06	269.75	7,846.99	183.37	-1,267.71	1,273.71	1.80	0.81	1.61
8,929.00	90.31	270.00	7,847.16	183.30	-1,298.70	1,304.69	4.11	4.03	0.81
8,961.00	90.69	270.38	7,846.88	183.41	-1,330.70	1,336.67	1.68	1.19	1.19
8,993.00	91.31	270.50	7,846.33	183.66	-1,362.70	1,368.65	1.97	1.94	0.38
9,024.00	92.00	270.25	7,845.43	183.86	-1,393.68	1,399.62	2.37	2.23	-0.81
9,056.00	92.44	270.13	7,844.19	183.96	-1,425.66	1,431.58	1.43	1.38	-0.38
9,087.00	92.69	270.00	7,842.80	184.00	-1,456.63	1,462.52	0.91	0.81	-0.42
9,119.00	92.94	269.88	7,841.23	183.97	-1,488.59	1,494.46	0.87	0.78	-0.38

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Local Co-ordinate Reference: Well STATE 16H-32-15-12
TVD Reference: WELL @ 5579.00ft (PATTERSON 506)
MD Reference: WELL @ 5579.00ft (PATTERSON 506)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,151.00	93.06	269.75	7,839.56	183.86	-1,520.55	1,526.39	0.55	0.38	-0.41
9,183.00	92.63	269.75	7,837.97	183.72	-1,552.51	1,558.32	1.34	-1.34	0.00
9,213.00	92.13	270.13	7,836.72	183.69	-1,582.48	1,588.27	2.09	-1.67	1.27
9,245.00	91.69	270.00	7,835.66	183.73	-1,614.46	1,620.24	1.43	-1.38	-0.41
9,277.00	91.25	270.50	7,834.84	183.87	-1,646.45	1,652.21	2.08	-1.38	1.56
9,309.00	90.69	270.13	7,834.29	184.04	-1,678.45	1,684.19	2.10	-1.75	-1.16
9,340.00	90.69	270.25	7,833.92	184.15	-1,709.44	1,715.17	0.39	0.00	0.39
9,372.00	90.81	270.38	7,833.50	184.32	-1,741.44	1,747.15	0.55	0.38	0.41
9,434.00	90.25	270.38	7,832.93	184.73	-1,803.44	1,809.11	0.90	-0.90	0.00
9,497.00	90.69	271.88	7,832.41	185.98	-1,866.42	1,872.10	2.48	0.70	2.38
9,560.00	89.94	271.38	7,832.07	187.77	-1,929.39	1,935.09	1.43	-1.19	-0.79
9,623.00	89.88	271.88	7,832.16	189.56	-1,992.37	1,998.09	0.80	-0.10	0.79
9,687.00	88.25	270.63	7,833.21	190.96	-2,056.34	2,062.07	3.21	-2.55	-1.95
9,750.00	87.19	269.00	7,835.72	190.76	-2,119.29	2,124.97	3.08	-1.68	-2.59
9,811.00	86.94	268.75	7,838.84	189.56	-2,180.19	2,185.79	0.58	-0.41	-0.41
9,874.00	87.00	269.00	7,842.17	188.33	-2,243.09	2,248.59	0.41	0.10	0.40
9,937.00	87.25	269.13	7,845.33	187.30	-2,306.01	2,311.42	0.45	0.40	0.21
10,000.00	88.44	269.00	7,847.70	186.27	-2,368.95	2,374.29	1.90	1.89	-0.21
10,063.00	89.44	268.75	7,848.86	185.04	-2,431.93	2,437.17	1.64	1.59	-0.40
10,127.00	87.88	269.25	7,850.36	183.92	-2,495.90	2,501.05	2.56	-2.44	0.78
10,190.00	87.44	269.38	7,852.93	183.17	-2,558.84	2,563.92	0.73	-0.70	0.21
10,252.00	87.38	268.88	7,855.73	182.23	-2,620.77	2,625.77	0.81	-0.10	-0.81
10,315.00	87.13	267.50	7,858.75	180.24	-2,683.67	2,688.55	2.22	-0.40	-2.19
10,378.00	88.60	266.94	7,861.10	177.19	-2,746.55	2,751.27	2.50	2.33	-0.89
10,441.00	89.00	266.88	7,862.42	173.79	-2,809.44	2,813.99	0.64	0.63	-0.10
LAST SVY									
10,505.00	89.19	267.25	7,863.43	170.51	-2,873.35	2,877.73	0.65	0.30	0.58
PROJ SVY - PBHL STATE 16H-32-15-12									
10,656.00	89.19	267.25	7,865.56	163.27	-3,024.16	3,028.16	0.00	0.00	0.00

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target - Shape PBHL STATE 16H-32 - survey misses target center by 1236.95ft at 10656.00ft MD (7865.56 TVD, 163.27 N, -3024.16 E) - Point	0.00	0.00	7,987.68	160.35	-4,255.06	415,989.45	2,252,690.69	39° 28' 19.121 N	110° 36' 17.460 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,000.00	999.99	9 5/8"	9-5/8	12-1/4



Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well STATE 16H-32-15-12
Project:	CARBON COUNTY, UT (NAD 27)	TVD Reference:	WELL @ 5579.00ft (PATTERSON 506)
Site:	STATE SECTION 32, T15S, R12E	MD Reference:	WELL @ 5579.00ft (PATTERSON 506)
Well:	STATE 16H-32-15-12	North Reference:	True
Wellbore:	STATE 16H-32-15-12	Survey Calculation Method:	Minimum Curvature
Design:	STATE 16H-32-15-12	Database:	EDM 2003.21 Single User Db

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
10,505.00	7,863.43	170.51	-2,873.35	LAST SVY
10,656.00	7,865.56	163.27	-3,024.16	PROJ SVY

Checked By: _____ Approved By: _____ Date: _____



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

March 1, 2011

CERTIFIED MAIL NO.: 7004 1160 0003 0190 4888

Ms. Brady Riley
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

43 007 31482
State 16H-32-15-12
15S 12E 32

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Brady Riley:

As of January 2011, Bill Barrett Corporation has four (4) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



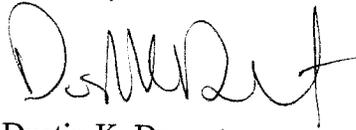
Page 2
Bill Barrett Corporation
March 1, 2011

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITLA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	STATE 15-32-15-12	43-007-31366	ML-49797	2 Years 6 Months
2	PETERS POINT ST 8-2D-13-16	43-007-31016	ML-48386	1 Year
3	STATE 7-16-14-13	43-007-31336	ML-48083	1 Year 11 Months
→ 4	STATE 16H-32-15-12	43-007-31482	ML-49797	1 Year 2 Months

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: CARBON 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: 4/1/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input 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.

In response to the letter dated 3/1/2011 from Dustin Doucet with UDOGM, BBC plans to perform an MIT in April 2011 on this SI well; actual date will be determined by equipment availability. Following the MIT, BBC will submit a subsequent report with the results and future plans for this wellbore. See attached procedures, WBD and previous pressure test dated 9/17/2009. Please contact Brady Riley with questions at 303-312-8115.

Approved by the Utah Division of Oil, Gas and Mining

Date: 04/05/2011

By: Dustin Doucet

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/30/2011	



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 43007314820000

Test casing to 1000 psi.

State #16H-32-15-12 MIT Procedure

County: Carbon County, Utah

43-007-31482

Field: Hook

Well Notes:

10,565 TD. 4-1/2" Casing. Cement to Surface in 1 Stage.

PBTD @ 10,454' on 7/09/2009

Top Perf: 8,251'

Bot Perf: 10,436'

- Step 1.) Notify State and Landowner 24 hours prior to commencing the MIT for this well.
- 2.) Dress location level, install/test anchors – prepare for pulling unit
- 3.) RU Manifold & Flare with flowback tank and blow down well
- 4.) MIRU pulling unit
- 5.) ND Wellhead, NU BOP
- 6.) TOOH w/ 2-3/8" 4.7ppf L-80 tbg
- 7.) RU WL & RIH full Gauge ring to 8,176' (75' above top perf)
- 8.) MU & TIH w/ 2-3/8" 4.7ppf L-80 tbg and 4.5" Packer and set @ 8,176' (75' above top perf)
- 9.) RU rig pump & pressure test csg (annulus) to 500psi for 15 minutes;
chart record & report test result to Denver & State
- 10.) TOOH w/ 2-3/8" 4.7ppf L-80 tbg and packer
- 11.) TIH w/ 2-3/8" tbg & hang off in well
- 12.) NDBOP, NU tbg tree, RDMO
- 13.) Turn in final MIT sundry to State



Daily Completion and Workover

Well Name: State #16H-32-15-12

Report # 47.0, Report Date: 9/17/2009
Phase: Completions, Initial Completion

Well Name State #16H-32-15-12	API/UWI 43-007-31482	License No.	Extra Well ID B 15485D	Operator Bill Barrett Corporation	Govt Authority State of Utah
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,579.00	Ground Elevation (ft) 5,563.00	KB-Ground Distance (ft) 16.00	Regulatory Drilling Spud Date 4/25/2009	Regulatory Rig Release Date 5/31/2009
Surface Legal Location SESE-32-15S-12E-W2...	North/South Distance (ft) 642.0	North/South Reference NofS	East/West Distance (ft) 370.0	East/West Reference WofE	Lat/Long Datum NAD 27
Latitude (DMS) 39° 28' 17.422" N	Longitude (DMS) 110° 35' 23.201" E	Basin Uinta	Field Name Hook	County CARBON	State/Province UT

Jobs	
Job Category D & C	Primary Job Type Drilling & Completion
Start Date 3/3/2009	End Date
Target Depth (ftKB)	Target Formation Manning Canyon
AFE Number 15485D	Total AFE+Sup 6,449,671.28
Total Fld Cost 5,000,288.12	Total Final Invoice ... 5,071,307.90
AFE-Field Estimate 1,449,383.16	Drilling TD Date
	Drilled Depth (ft) 10,140.00

Daily Operations					
Report Start Date 9/17/2009	Report End Date 9/18/2009	Weather Clear	Temperature (°F) 49.0	Road Condition	

24 Hour Summary Pesure test casing	Operations Next Report Period Continue to Rig UP
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Daily Contacts	
Contact Name Chris Adamson	Office

Daily Time Breakdown								
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment
06:00	07:30	1.50	1.50	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Well Shut in & Secured
07:30	08:30	1.00	2.50	GOP	General Operations	Completions, Initial Completion		Install Stinger 15K Frac Sleeve Tool
08:30	10:00	1.50	4.00	PTST	Pressure Test	Completions, Initial Completion		RU to Pressure test casing Test to 11,500# Hold for 30 minutes Test Good RD Stinger 15K Frac Sleeve Tool
10:00	18:00	8.00	12.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Cathedral Flow Back on Location Spot Equipment, Start Rigging Iron to open top tanks
18:00	06:00	12.00	24.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Well Shut in & Secured

Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments			
Date	Zone	Stage	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V clean (bbl)

Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement		
Description	Start Date	Cement Comp



Schematic - Current

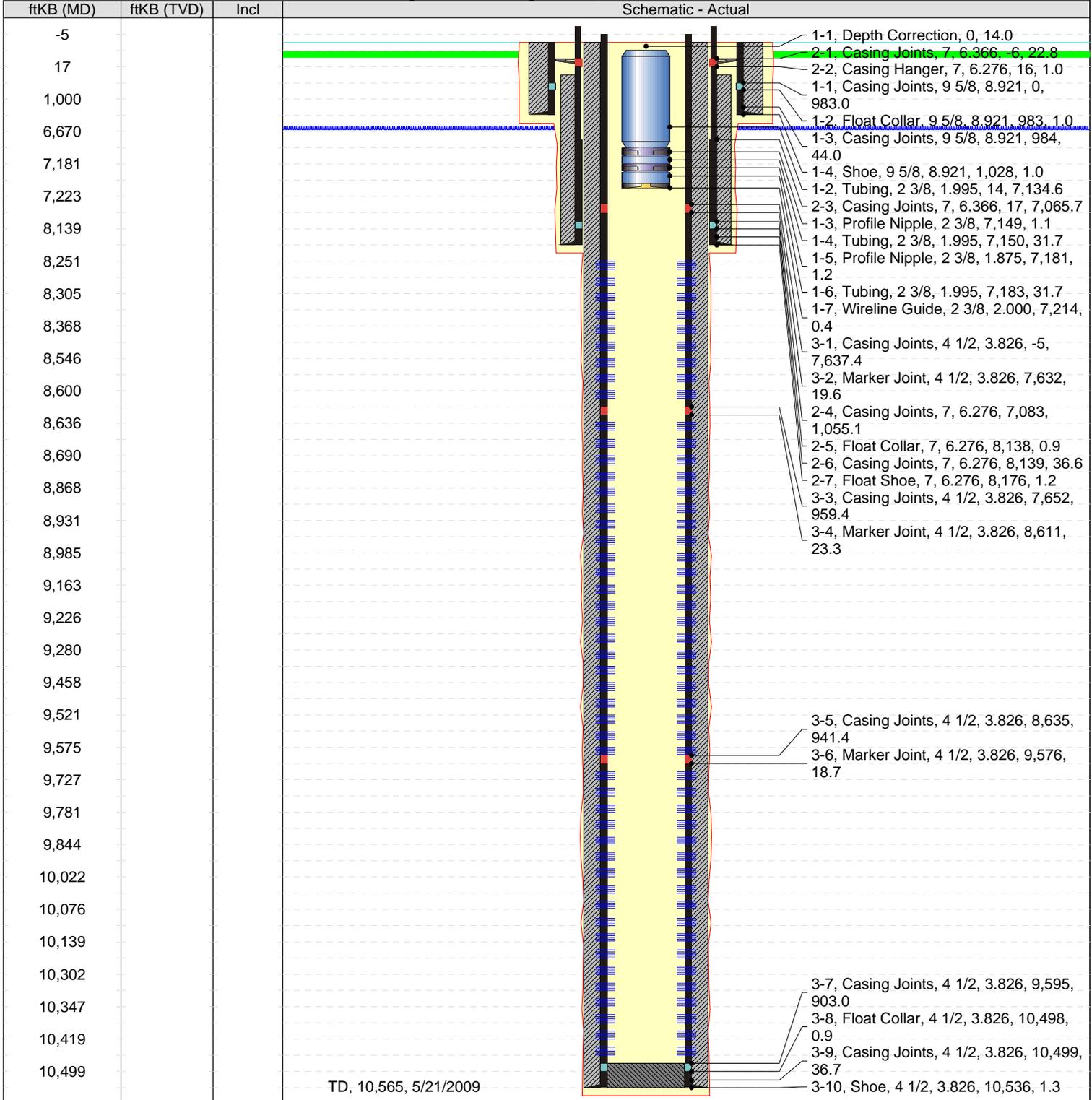
Well Name: State #16H-32-15-12

Well Name State #16H-32-15-12	API/UWI 43-007-31482	License No.	Extra Well ID B 15485D	Operator Bill Barrett Corporation	Govt Authority State of Utah
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,579.00	Ground Elevation (ft) 5,563.00	KB-Ground Distance (ft) 16.00	Regulatory Drilling Spud Date 4/25/2009	Regulatory Rig Release Date 5/31/2009
Surface Legal Location SESE-32-15S-12E-W2...	North/South Distance (ft) 642.0	North/South Reference NofS	East/West Distance (ft) 370.0	East/West Reference WofE	Lat/Long Datum NAD 27
Latitude (DMS) 39° 28' 17.422" N	Longitude (DMS) 110° 35' 23.201" E	Basin Uinta	Field Name Hook	County CARBON	State/Province UT

Most Recent Job

Job Category D & C	Primary Job Type Drilling & Completion	Secondary Job Type	Start Date 3/3/2009	End Date
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Well Config: Horizontal - Original Hole, 3/28/2011 2:42:36 PM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007314820000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: CARBON 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: 4/15/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
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	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input 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.

Please see revised MIT procedures for this well due to a change in packer set depth. Previous sundry approval for a MIT to be conducted in April was given by Dustin Doucet on 4/5/2011. Actual date MIT will be determined by equipment availability. Following the MIT, BBC will submit a subsequent report with the results and future plans for this wellbore. Please contact Brady Riley with questions at 303-312-8115.

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

Date: 04/13/2011
 By: 

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/12/2011	

State #16H-32-15-12 MIT Procedure

County: Carbon County, Utah

43-007-31482

Field: Hook

Well Notes:

Horizontal Well

10,565 TD. 4-1/2" Casing. Cement to Surface in 1 Stage.

PBTD @ 10,454' on 7/09/2009

Top Perf: 8,251'

Bot Perf: 10,436'

- Step 1.) Notify State and Landowner 24 hours prior to commencing the MIT for this well.
- 2.) Dress location level, install/test anchors – prepare for pulling unit
- 3.) RU Manifold & Flare with flowback tank and blow down well
- 4.) MIRU pulling unit
- 5.) ND Wellhead, NU BOP
- 6.) TOOH w/ 2-3/8" 4.7ppf L-80 tbg
- 7.) RU WL & RIH full Gauge ring to 7,068' (100' above kickoff point)
- 8.) MU & TIH w/ 2-3/8" 4.7ppf L-80 tbg and 4.5" Packer and set @ 7,068' (100' above kickoff point)
- 9.) RU rig pump & pressure test csg (annulus) to 500psi for 15 minutes;
chart record & report test result to Denver & State
- 10.) TOOH w/ 2-3/8" 4.7ppf L-80 tbg and packer
- 11.) TIH w/ 2-3/8" tbg & hang off in well
- 12.) NDBOP, NU tbg tree, RDMO
- 13.) Turn in final MIT sundry to State



Daily Completion and Workover

Well Name: State #16H-32-15-12

Report # 47.0, Report Date: 9/17/2009
Phase: Completions, Initial Completion

Well Name State #16H-32-15-12	API/UWI 43-007-31482	License No.	Extra Well ID B 15485D	Operator Bill Barrett Corporation	Govt Authority State of Utah
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,579.00	Ground Elevation (ft) 5,563.00	KB-Ground Distance (ft) 16.00	Regulatory Drilling Spud Date 4/25/2009	Regulatory Rig Release Date 5/31/2009
Surface Legal Location SESE-32-15S-12E-W2...	North/South Distance (ft) 642.0	North/South Reference NofS	East/West Distance (ft) 370.0	East/West Reference WofE	Lat/Long Datum NAD 27
Latitude (DMS) 39° 28' 17.422" N	Longitude (DMS) 110° 35' 23.201" E	Basin Uinta	Field Name Hook	County CARBON	State/Province UT

Jobs					
Job Category D & C	Primary Job Type Drilling & Completion			Start Date 3/3/2009	End Date
Target Depth (ftKB)	Target Formation Manning Canyon	AFE Number 15485D	Total AFE+Sup 6,449,671.28	Total Fld Cost 5,000,288.12	Total Final Invoice ... 5,071,307.90
				AFE-Field Estimate 1,449,383.16	Drilling TD Date
					Drilled Depth (ft) 10,140.00

Daily Operations					
Report Start Date 9/17/2009	Report End Date 9/18/2009	Weather Clear	Temperature (°F) 49.0	Road Condition	
24 Hour Summary Pesure test casing			Operations Next Report Period Continue to Rig UP		

Daily Contacts					
Contact Name			Office		
Chris Adamson					

Daily Time Breakdown								
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code	Category	Phase	Problem Ref #	Comment
06:00	07:30	1.50	1.50	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Well Shut in & Secured
07:30	08:30	1.00	2.50	GOP	General Operations	Completions, Initial Completion		Install Stinger 15K Frac Sleeve Tool
08:30	10:00	1.50	4.00	PTST	Pressure Test	Completions, Initial Completion		RU to Pressure test casing Test to 11,500# Hold for 30 minutes Test Good RD Stinger 15K Frac Sleeve Tool
10:00	18:00	8.00	12.00	LOCL	Lock Wellhead & Secure	Completions, Initial Completion		Cathedral Flow Back on Location Spot Equipment, Start Rigging Iron to open top tanks
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Safety Checks			
Time	Description	Type	Comment

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulations & Treatments				
Date	Zone	Stage	Stim/Treat Company	
Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V clean (bbl)

Other In Hole				
Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement		
Description	Start Date	Cement Comp



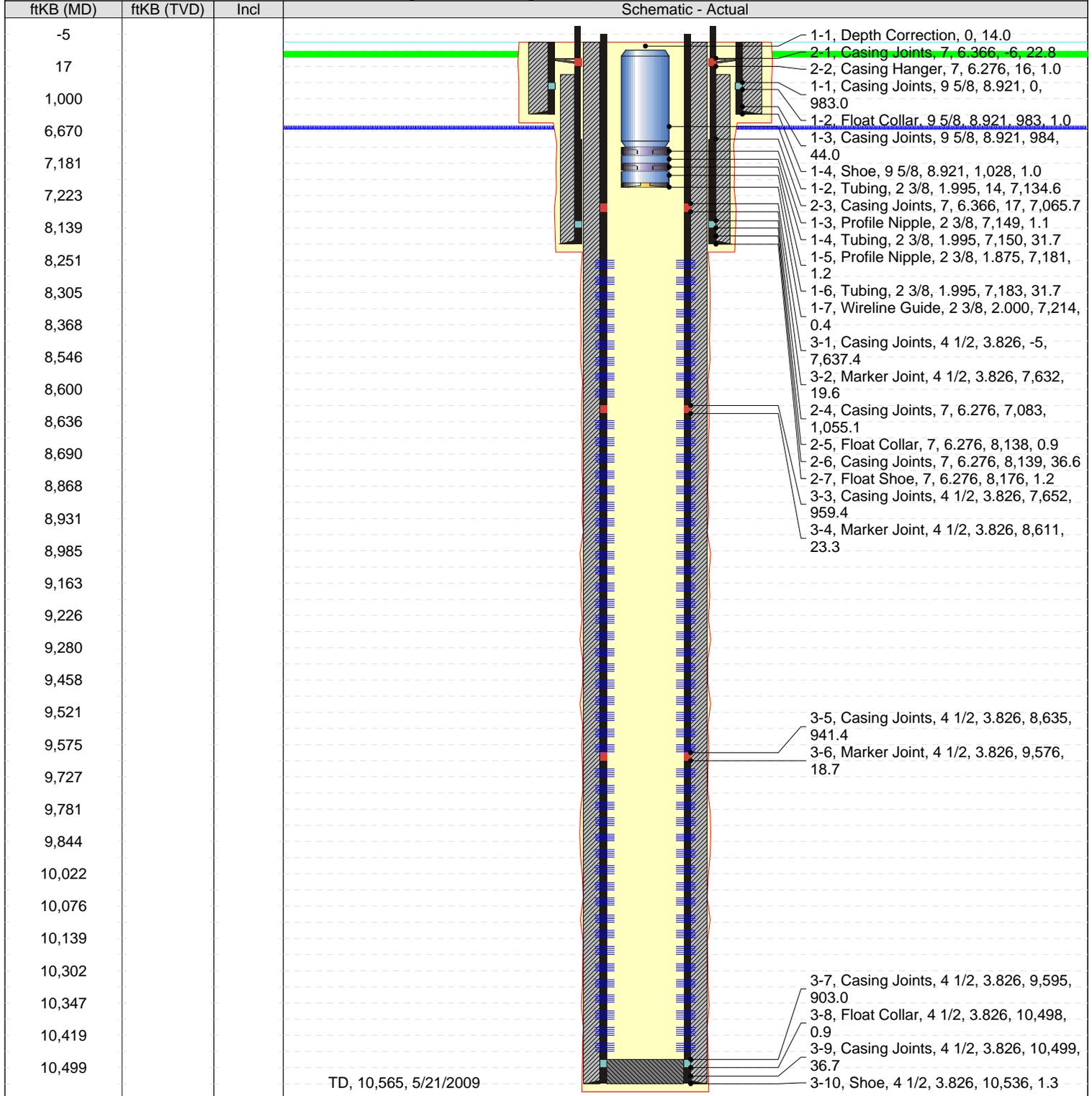
Schematic - Current

Well Name: State #16H-32-15-12

Well Name State #16H-32-15-12	API/UWI 43-007-31482	License No.	Extra Well ID B 15485D	Operator Bill Barrett Corporation	Govt Authority State of Utah
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,579.00	Ground Elevation (ft) 5,563.00	KB-Ground Distance (ft) 16.00	Regulatory Drilling Spud Date 4/25/2009	Regulatory Rig Release Date 5/31/2009
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Latitude (DMS) 39° 28' 17.422" N	Longitude (DMS) 110° 35' 23.201" E	Basin Uinta	Field Name Hook	County CARBON	State/Province UT

Most Recent Job					
Job Category D & C	Primary Job Type Drilling & Completion	Secondary Job Type	Start Date 3/3/2009	End Date	

Well Config: Horizontal - Original Hole, 3/28/2011 2:42:36 PM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: CARBON STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/15/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input 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.

BBC is presenting this sundry to demonstrate that the casing has integrity with no indication of leaking and based upon the attached information, BBC is respectfully requesting an extension in shut-in status for another year. Please contact Kevin Bickel with any questions at 303-312-8173.

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: 06/15/2011

By: *Dark K. Quist*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/15/2011	



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 43007314820000

Approval valid through May 1, 2012. As indicated on sundry, continued monitoring should take place.

Input Data (Provided By Operator)						Output Data						Data Comparative		
Sfc Csg Depth	Sfc Csg Psi	Prod Csg Psi	Tbpg Psi	Fluid Level	Depth (Csg, Perf or Plug back)	Water Column Dx	Gas Head Psi	Water Head Psi	Normal Sfc Shoe Press @ Sfc Shoe	Formation Shoe @ Sfc Shoe	Reservoir Pressure Total	Calc Press @ Sfc Shoe	Normal Reservoir Psi for Depth	
1028	0	3400	3400	8176	8176	0	818	0	445	720	4218	3,503	3,540	
Packer	No													
Fluid Gradient psi/ft	0.433													
Gas Gradient psi/ft	0.1													
Frac Gradient psi/ft	0.7													
SCENARIOS														
#1	SFC CSG = 0 PSI MEANS NO COMMUNICATION, REASSURING INTEGRITY					Indicates Integrity?		Yes						
#2	If measured reservoir psi is equal to normal gradient reservoir pressure, well probably has integrity. If pressure is less, well could lack integrity explained by pressure bleeding into a shallower formation.					No								<i>Indicates slightly overpressured reservoir w/ no fluid in casing</i>
#3	If calculated pressure is approximately equal to normal pressure at the surface shoe, then fluid could be moving into the formation.					Yes								<i>FL @ 5300</i>
#4	If packer is in the hole, with psi on tbpg and no psi on prod csg, this indicates tbpg and packer integrity.					NA								

State #16H-32-15-12 Shut In Status Request

Carbon County, Utah
43-007-31482
Field: Hook

The State 16H-32-15-12 well built up casing pressure to 3,400 psi and tubing pressure of 1,400 psi before flowback operations began. Bill Barrett Corporation (BBC) attempted to blowdown the well and flowback into a tank. However, the well continued to flow with consistent pressure and rate. At this time, BBC determined that it would not be safe to try to top kill the well; rather a snubbing unit would have to be used to pull tubing. BBC is concerned about the operation and expense required to safely perform a MIT on this well.

The casing held at 3,400 psi with no indication of a build-up of bradenhead pressure to indicate any leakage. BBC is committed to monitoring the wellhead at regular intervals during the shut-in status for any possible leaks or other safety concerns. Any leaks or safety concerns will be immediately reported to the Utah Division of Oil, Gas and Mining.

Please find attached the horizontal wellbore for your review. The well has 9 5/8" surface casing with cement from 1,028' KB to surface. The 7" Intermediate casing with cement extends from 8,176' KB to surface. The 4 1/2" production casing has cement from 10,536' KB to surface. The horizontal kickoff point begins at approximately 7,168' KB.

Again, please contact Kevin Bickel with any questions at 303-312-8173 in regard to the integrity of this well.



Schematic - Current

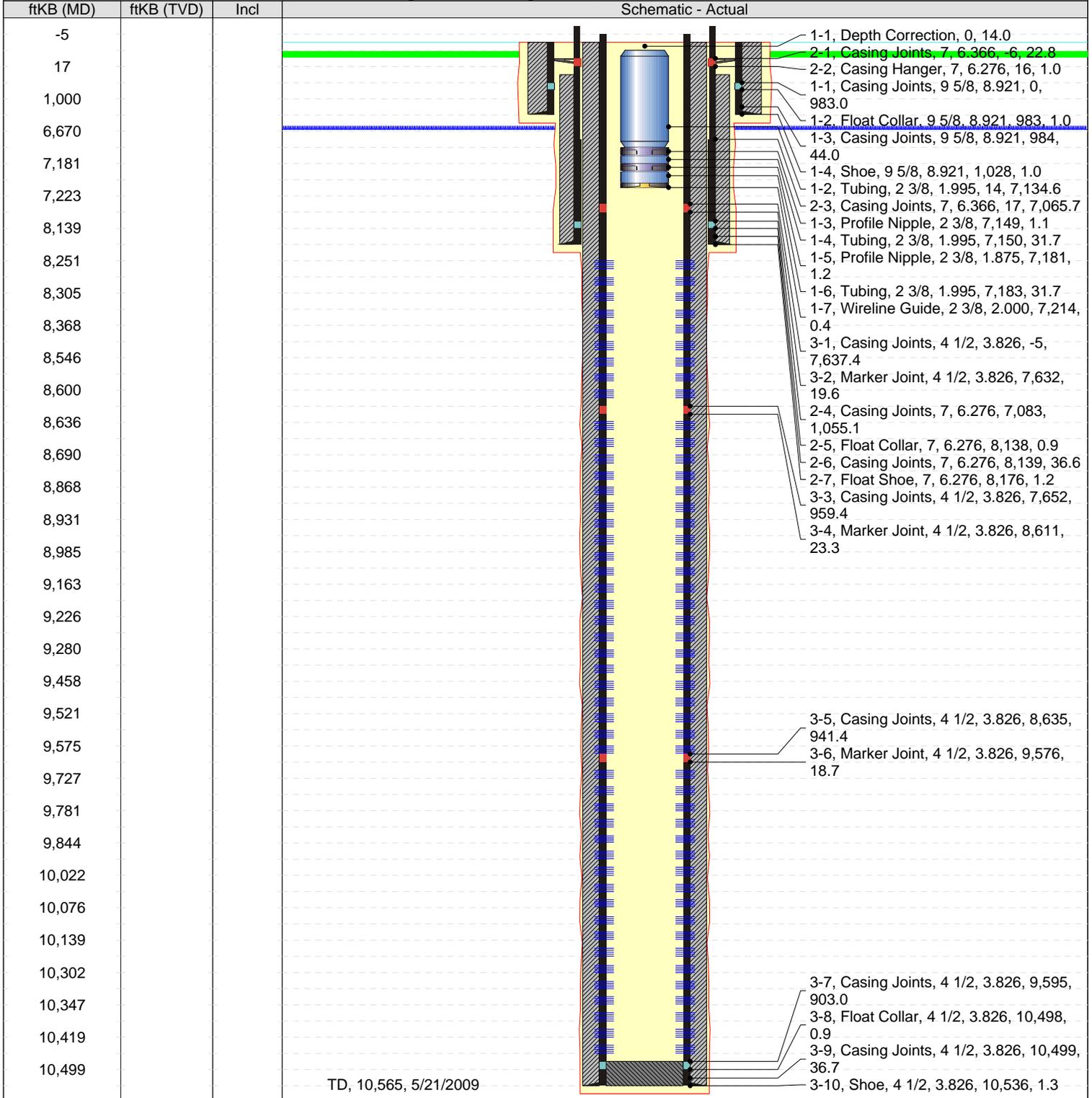
Well Name: State #16H-32-15-12

Well Name State #16H-32-15-12	API/UWI 43-007-31482	License No.	Extra Well ID B 15485D	Operator Bill Barrett Corporation	Govt Authority State of Utah
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,579.00	Ground Elevation (ft) 5,563.00	KB-Ground Distance (ft) 16.00	Regulatory Drilling Spud Date 4/25/2009	Regulatory Rig Release Date 5/31/2009
Surface Legal Location SESE-32-15S-12E-W2...	North/South Distance (ft) 642.0	North/South Reference NofS	East/West Distance (ft) 370.0	East/West Reference WofE	Lat/Long Datum NAD 27
Latitude (DMS) 39° 28' 17.422" N	Longitude (DMS) 110° 35' 23.201" E	Basin Uinta	Field Name Hook	County CARBON	State/Province UT

Most Recent Job

Job Category D & C	Primary Job Type Drilling & Completion	Secondary Job Type	Start Date 3/3/2009	End Date
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Well Config: Horizontal - Original Hole, 4/14/2011 1:15:30 PM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
1. TYPE OF WELL Gas 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: STATE 16H-32-15-12
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	9. API NUMBER: 43007314820000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: CARBON STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/1/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

BBC is requesting an extension in shut-in status for another year as the well has recomplete potential and demonstrated that the casing has integrity with no indication of leaking based upon the information BBC submitted last spring on this well. BBC also has plans to conduct a flow test to gather additional information later this summer. Please contact Brady Riley with any questions at 303-312-8115.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 March 21, 2012**

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/21/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: STATE 16H-32-15-12
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43007314820000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S		9. FIELD and POOL or WILDCAT: WILDCAT
		COUNTY: CARBON
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/1/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

BBC is requesting an extension in shut-in status for another year as the well has recomplete potential. Attached to this sundry is also data that demonstrates that the casing has integrity with no indication of leaking. BBC plans to conduct a flow test to gather additional information later this summer. Please contact Kevin Bickel with any questions at 303-312-8173.

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

Date: May 24, 2012

By: *D. K. Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/25/2012	

State #16H-32-15-12 Shut In Status Request

Carbon County, Utah
43-007-31482
Field: Hook

The State 16H-32-15-12 well built up casing pressure to 3,400 psi and tubing pressure of 1,400 psi before blowdown operations began back in April 2011. Bill Barrett Corporation (BBC) attempted to blowdown the well and flowback into a tank. However, the well continued to flow with consistent pressure and rate. BBC determined that it would not be safe to try to top kill the well; rather a snubbing unit would have to be used to pull tubing. BBC is concerned about the operation and expense required to safely perform a MIT on this well. The most recent well inspection shows a casing pressure of 2,470 psi.

Bill Barrett Corporation plans to run flow test operations and gas analysis on the State 16H-32-15-12 to obtain accurate production and pressure data. We will closely monitor the flow back pressures during the test. If it is determined that the pressures are drawn down enough to safely pull tubing after the flow back test, BBC will complete a MIT and chart pressure on this well.

I have attached the horizontal wellbore for your review. The well has 9 5/8" surface casing with cement from 1,028' KB to surface. The 7" Intermediate casing with cement extends from 8,176' KB to surface. The 4 1/2" production casing has cement from 10,536' KB to surface. The horizontal kickoff point begins at approximately 7,168' KB.

BBC is presenting this sundry to demonstrate that the casing has integrity with no indication of leaking. The well has been shut-in since April 2011. The casing continues to hold at 2,470 psi with no indication of a build-up of bradenhead pressure to indicate any leakage. Based on the above information, BBC is respectfully requesting an extension in shut-in status for 12-months. BBC is committed to monitoring the wellhead at regular intervals during the shut-in status for any possible leaks or other safety concerns. Any leaks or safety concerns will be immediately reported to the Utah Division of Oil, Gas and Mining.

Again, please contact Kevin Bickel with any questions at 303-312-8173 in regard to the integrity of this well.



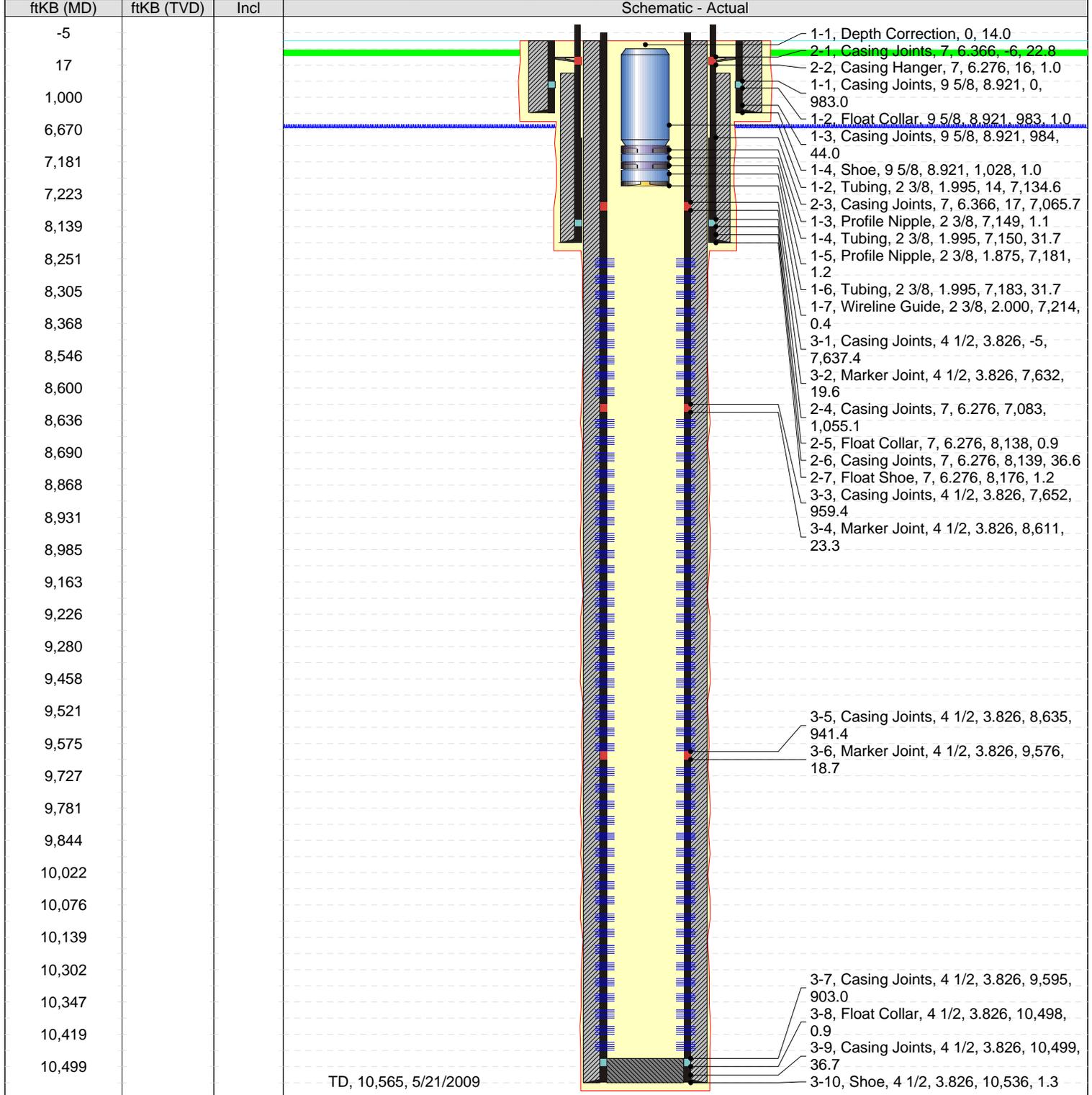
Schematic - Current

Well Name: State #16H-32-15-12

Well Name State #16H-32-15-12	API/UWI 43-007-31482	License No.	Extra Well ID B 15485D	Operator Bill Barrett Corporation	Govt Authority State of Utah
Well Configuration Type Horizontal	Original KB Elevation (ft) 5,579.00	Ground Elevation (ft) 5,563.00	KB-Ground Distance (ft) 16.00	Regulatory Drilling Spud Date 4/25/2009	Regulatory Rig Release Date 5/31/2009
Surface Legal Location SESE-32-15S-12E-W2...	North/South Distance (ft) 642.0	North/South Reference NofS	East/West Distance (ft) 370.0	East/West Reference WofE	Lat/Long Datum NAD 27
Latitude (DMS) 39° 28' 17.422" N	Longitude (DMS) 110° 35' 23.201" E	Basin Uinta	Field Name Hook	County CARBON	State/Province UT

Most Recent Job					
Job Category D & C	Primary Job Type Drilling & Completion	Secondary Job Type	Start Date 3/3/2009	End Date	

Well Config: Horizontal - Original Hole, 4/14/2011 1:15:30 PM



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
8. WELL NAME and NUMBER: STATE 16H-32-15-12	
9. API NUMBER: 43007314820000	
9. FIELD and POOL or WILDCAT: WILDCAT	
COUNTY: CARBON	
STATE: 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.

1. TYPE OF WELL Gas Well	
2. NAME OF OPERATOR: BILL BARRETT CORP	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	

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

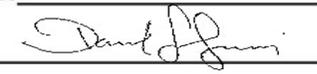
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/21/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Pit Closure"/>

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

The pit was closed on the above referenced well location on 6/21/2012.

Accepted by the Utah Division of Oil, Gas and Mining

Date: July 10, 2012

By: 

NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/26/2012	



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

November 26, 2012

CERTIFIED MAIL NO.: 7010 1670 0001 4810 3560

Ms. Brady Riley
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

43 007 31482
State 164-32-15-12
15S 12E 32

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases**

Dear Ms. Brady Riley:

As of January 2012, Bill Barrett Corporation (Bill Barrett) has two (2) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Utah Division of Oil, Gas and Mining (Division) wishes to inform Bill Barrett that these wells were previously noticed via separate certified letters. They were both given SI/TA extensions that have since expired with no further information provided by Bill Barrett. The Jack Canyon Unit 8-32 well was planned to be converted to a water supply well during the summer of 2012. The State 15-32-15-12 well was scheduled to be plugged August 1, 2012. Nothing more has been reported concerning these wells.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2
Bill Barrett Corporation
November 26, 2012

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	SI/TA EXT Valid to	PA approved
2nd Notice						
1	JACK CANYON UNIT 8-32	43-007-30460	STATE	7 Years 3 Months	9/1/2012	
2	STATE 15-32-15-12	43-007-31366	ML-49797	3 Years 6 Months	7/1/2012	8/15/2012
Under Extension Status						
3	STATE 16H-32-15-12	43-007-31482	ML-49797	2 Years 2 Months	5/1/2013	
4	PETERS POINT ST 8-2D-13-16	43-007-31016	ML-48386	2 Years 4 Months	4/1/2013	

PA'd
need
Subs

APR 19 2013

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 49797
2. NAME OF OPERATOR: Whiting Oil and Gas Corporation N2680		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 CITY Denver STATE CO ZIP 80290		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 642' FSL, 370' FEL		8. WELL NAME and NUMBER: STATE 16H-32-15-12
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: S48W 32 15S 12E S Sese		9. API NUMBER: 4300731482
		10. FIELD AND POOL, OR WILDCAT: WILDCAT
		COUNTY: CARBON
		STATE: UTAH

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

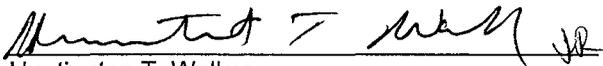
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

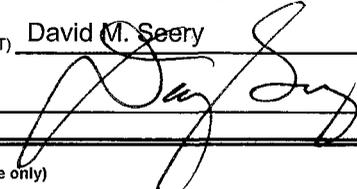
This sundry is being submitted as notification that effective March 1, 2013, Whiting Petroleum Corporation will take over operatorship of the above well from Bill Barrett Corporation.

N2165
Previous Operator:
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

New Operator:
Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
Bond #: RLB -04585


Huntington T. Walker
Sr. Vice President - Land

Bond: RLB0015276 GW/SE ENTIN: 17290

NAME (PLEASE PRINT) David M. Seery TITLE Vice President - Land
SIGNATURE  DATE 3/15/2013

(This space for State use only)

APPROVED

SEP 26 2013

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: State 16H-32-15-12	
2. NAME OF OPERATOR: Whiting Oil and Gas Corporation		9. API NUMBER: 4300731482
3. ADDRESS OF OPERATOR: 1700 Broadway Ste 2300 CITY Denver STATE CO ZIP 80290	PHONE NUMBER: (303) 837-1661	10. FIELD AND POOL, OR WILDCAT: wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 642 FSL, 370 FEL		COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 15S 12E		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 (Submit in Duplicate) Approximate date work will start: <u>9/1/14</u> <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well plans as requested</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This is a recently acquired well from Bill Barrett. Initial evaluation indicates that the well could be economic if a gas pipeline were available for sales. Whiting intends to evaluate production potential of this well and investigate pipeline options to place this will on production. Therefore Whiting requests shut in status for the above referenced well.

Also as requested, a \$30,000 depth bond was previously mailed to the attention of Rachel Medina approximately 09/17/2013.

RECEIVED
SEP 24 2013
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Pauteen Tobin</u>	TITLE <u>Engineer Tech</u>
SIGNATURE <u><i>Pauteen Tobin</i></u>	DATE <u>9/23/2013</u>

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**
DATE: 9/24/2013
BY: *Dustin*
(See Instructions on Reverse Side)

(5/2000) * Monitored Pressures should be submitted to the Division within 15 days and a showing that these pressures still show casing integrity - Ongoing pressure monitoring will also be required.



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 5, 2014

Certified Mail No. 7003 2260 0003 2358 7158

Mr. John D'Hooge
Whiting Oil & Gas Corporation
1700 Broadway Suite 2300
Denver, CO 80290

43 007 31482
State 16H-32-15-12
15S 12E 32

Subject: Extended Shut-in and Temporary Abandon Well Requirements for Fee or State Leases

Dear Mr. John D'Hooge:

As of April 2014, Whiting Oil & Gas Corporation (Whiting) has ten (10) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Seven (7) of these wells have previously received notices with nothing being done or shown by Whiting to bring into compliance status.

The Division was preparing to issue Notices of Violation for all wells listed above. However, during the meeting with the Division on June 3, 2014, Whiting verbally noted its plans concerning these wells. Whiting stated that five (5) of the wells will be plugged, one (1) being evaluated for water disposal, one (1) being evaluated for up hole potential, and the remaining three (3) to be returned to production.

Whiting needs to submit individual sundry's for each well, detailing plans and near future timeframe for work to be accomplished. Additionally, the wells that are candidates for plugging need to have a plugging procedure and a scheduled date for PA submitted for approval. All other wells will need to meet the requirements per the rules below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and



Page 2
Pacific Energy & Mining Company
June 4, 2014

3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

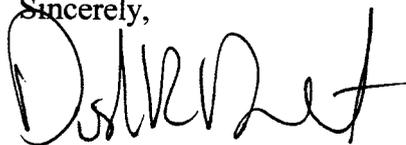
Please note that the Divisions preferred method for showing well integrity is by MIT.

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received by July 1, 2014, Notices of Violation will be issued and further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notices
1	CHIMNEY ROCK 32-11	43-047-33445	ML-47437	6 years 8 months	NOV
2	FLAT ROCK 13-32-14-20	43-047-36992	ML-44317	12 years 6 months	2 ND NOTICE
3	FLAT ROCK 14-32-14-20	43-047-36993	ML-44317	12 years 5 months	2 ND NOTICE
4	FLAT ROCK 15-32-14-20	43-047-36994	ML-44317	12 years 5 months	2 ND NOTICE
→ 5	STATE 16H-32-15-12	43-007-31482	ML-49797	4 years 5 months	1 ST NOTICE
6	CARBON CANAL 5-12	43-015-30709	ML-49116	6 years	2 ND NOTICE
7	UTE TRIBAL 32-1A	43-047-32758	ML-44317	4 years 2 months	2 ND NOTICE
8	UTE TRIBAL 32-3A	43-047-33334	ML-44317	3 years 1 month	
9	UTE TRIBAL 32-4A	43-047-33335	ML-44317	3 years	
10	TULLY 16-9-36D	43-015-50003	ML-52222	1 year 1 month	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
8. WELL NAME and NUMBER: STATE 16H-32-15-12	
9. API NUMBER: 43007314820000	
9. FIELD and POOL or WILDCAT: WILDCAT	
COUNTY: CARBON	
STATE: 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.

1. TYPE OF WELL Gas Well	
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	

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: 11/1/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" 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.

Whiting intends to P&A the referenced well. Please see the attached procedure.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 21, 2015

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Cara Mezydlo	PHONE NUMBER 303 876-7091	TITLE Engineering Technician
SIGNATURE N/A	DATE 10/7/2015	



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 43007314820000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Amend Plug #1. Set CIBP 600' deeper @7650'. Spot 25 sx as proposed to isolate existing perforations and the top of the Manning Canyon formation.
3. Add Plug #2. Spot 100' plug (+/- 7 sx) from 5750' to 4750' to isolate Pennsylvanian formation.
4. Amend Plug #4. Spot 30 sx on top of CICR @ 2900' not 10 sx.
5. Amend Plug #6. Also the 7" casing should be perf'd and cement circulated in 7" x 9-5/8" annulus from a depth of 150' to surface (48 sx total required).
6. All balanced plugs shall be tagged to ensure that they are at the depth specified.
7. All annuli shall be cemented from a minimum depth of 100' to the surface.
8. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.
9. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
10. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (office) or 801-733-0983 (home) prior to continuing with the procedure.
11. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

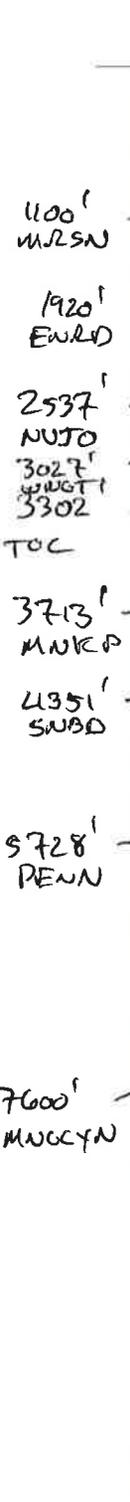
10/7/2015

Wellbore Diagram

r263

API Well No: 43-007-31482-00-00 **Permit No:** **Well Name/No:** STATE 16H-32-15-12
Company Name: WHITING OIL & GAS CORPORATION
Location: Sec: 32 T: 15S R: 12E Spot: SESE **String Information**
Coordinates: X: 535223 Y: 4369175
Field Name: WILDCAT
County Name: CARBON

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	1029	12.25			
SURF	1029	9.625	36	1029	
HOL2	8177	8.75			
II	8177	7	23	7066	
II	8177	7	26	8177	
HOL3	10537	6.125			
PROD	10537	4.5	15.1	10537	12.525
TI	7215	2.375			



Plug # 6
 $150' / (1.15) (12.525) = 115X$
 $150' / (1.15) (9.043) = 155X$
 $150' / (1.15) (5.995) = 225X$
 Cement from 1029 ft. to surface
 Surface: 9.625 in. @ 1029 ft.
 Hole: 12.25 in. @ 1029 ft.

Plug # 5
 Below $100' = 75X$
 $OUT (335X) (1.15) (9.043) = 343'$
 TOC @ 807' ✓ OK
 Above $100X (1.15) (12.525) = 144'$
 TOC @ 906' ✓ OK

Plug # 4
 Below $100' / (1.15) (12.525) = 75X$
 $OUT (83X) (1.15) (9.043) = 863'$
 TOC @ 2137'
 Above $100X (1.15) (12.525) = 1252.5'$
 $100X (1.15) (12.525) = 1432'$
 TOC @ 2467' ✓ OK

Plug # 3
 $(50X) (1.15) (12.525) = 720'$
 TOC @ 3730' ✓ OK

7" x 4 1/2" → 9.043
 9 5/8" x 7" → 5.995

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	8177	700	LT	430
II	8177	700	50	130
PROD	10537	3302	50	1050
SURF	1029	0	G	560

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
8251	10436			

Formation Information

Formation	Depth
MRSN	1100'
CRFS	1700'
ENRD	1920'
CRML	2260'
NUJO	2537'
KYNTA	2917'
WJGT	3027'
CHULE	3421'
MNKP	3713'
SNBD	4351'
KAIB	4756'
COCO	4942'
PENN	5728'
MNGCN	7600'

*** Add Plug # 2**
 Cement from 8177 ft. to 700 ft.
 Intermediate: 7 in. @ 8177 ft. 100' fr. 5750' to 5650'
 Hole: 8.75 in. @ 8177 ft.
 $100' / (1.15) (12.525) = 75X$
 Cement from 10537 ft. to 3302 ft.
 Tubing: 2.375 in. @ 7215 ft.

*** Amend Plug # 1**
 Move C1C2 to 7650'
 $8220' (25X) (1.15) (12.525) = 360'$
 TOC @ 7290' ✓ OK

Production: 4.5 in. @ 10537 ft.
 Hole: 6.125 in. @ 10537 ft.
 Hole: Unknown
 TOC @ 10436'

TD: 10565 TVD: 7864 PBD: 10499

Whiting intends to P&A the referenced well as follows:

1. Set a CIBP @ 7050'.
2. Balance 25 sx cement on top of CIBP @ 7050'.
3. Balance a 50 sk cement plug with EOT @ 4450'.
4. Shoot squeeze holes @ 3000'.
5. Set a CICR @ 2900'.
6. Squeeze 90 sx cement below CICR @ 2900' and leave 10 sx cement above CICR.
7. Shoot squeeze holes @ 1150'.
8. Set a CICR @ 1050'.
9. Squeeze 40 sx cement below CICR @ 1050' and leave 10 sx cement above CICR.
10. Shoot squeeze holes at 150'.
11. Circulate cement (~30 sx) inside and outside 4-1/2" casing from 150' to surface.
12. Cut off wellhead & install identification marker.
13. Reclaim surface location.

Notes:

Plugging will be executed per regulations.

Mud spacers of 9 ppg or greater will be placed between cement plugs.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300, Denver, CO, 80290 2300	8. WELL NAME and NUMBER: STATE 16H-32-15-12
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	9. API NUMBER: 43007314820000
PHONE NUMBER: 303 390-4095 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: CARBON
	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: 7/13/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Amended P&A procedure"/>

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

This procedure will replace the procedure previously approved on October 21, 2015.

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

Date: July 07, 2016
By: *Derek Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Cara Mezydlo	PHONE NUMBER 303 876-7091	TITLE Engineering Technician
SIGNATURE N/A	DATE 6/24/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43007314820000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
 - 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
 - 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
 - 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

7/7/2016

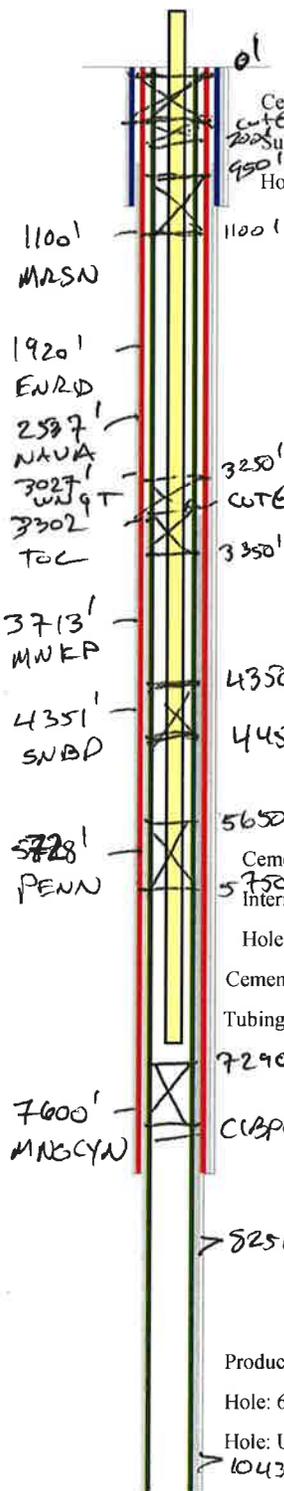
Wellbore Diagram

r263

API Well No: 43-007-31482-00-00 **Permit No:** **Well Name/No:** STATE 16H-32-15-12
Company Name: WHITING OIL & GAS CORPORATION
Location: Sec: 32 T: 15S R: 12E Spot: SESE
Coordinates: X: 535223 Y: 4369175
Field Name: WILDCAT
County Name: CARBON

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	1029	12.25			
SURF	1029	9.625	36	1029	2.304
HOL2	8177	8.75			
II	8177	7	23	7066	4.524
II	8177	7	26	8177	4.567
HOL3	10537	6.125			
PROD	10537	4.5	15.1	10537	12.525
T1	7215	2.375			



Plug # 6
 $7'' \text{ } 50' = 1029$
 $9\frac{7}{8}'' \text{ } 150' / (1.15 \times 2.304) = 56 \text{ SK}$
 Cement from 1029 ft. to surface
 Surface: 9.625 in. @ 1029 ft.
 Hole: 12.25 in. @ 1029 ft.

Plug # 5
 $(35 \text{ SK}) \times (1.15) \times (4.524) = 182'$
 TOC @ 918' ✓ OK.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	8177	700	LT	430
II	8177	700	50	130
PROD	10537	3302	50	1050
SURF	1029	0	G	560

Plug # 4
 $50' / (1.15 \times (12.525)) = 45 \text{ SK}$
 $50' / (4.524 \times (1.15)) = 10 \text{ SK}$
 145 SK
 PROPOSE 205 SK ✓ OK.

Plug # 3
 $(125 \text{ SK}) = 172'$
 TOC @ 4278' ✓ OK.

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
8251	10436			

Plug # 2
 Cement from 8177 ft. to 700 ft.
 Intermediate: 7 in. @ 8177 ft.
 Hole: 8.75 in. @ 8177 ft.
 $(125 \text{ SK}) \times (1.15) \times (12.525) = 172'$
 TOC @ 5578' ✓ OK.
 Cement from 10537 ft. to 3302 ft.
 Tubing: 2.375 in. @ 7215 ft.

Formation Information

Formation	Depth
MRSN	1100
CRTS	1708
ENRD	1919
CARM	2259
NAVA	2537
KAYT	2917
WINGT	3027
CHIN	3421
MNKP	3713
SNBDL	4351
KBAB	4756

Plug # 1
 $(255 \text{ SK}) \times (1.15) \times (12.525) = 360'$
 TOC @ 7290' ✓ OK.

Production: 4.5 in. @ 10537 ft.
 Hole: 6.125 in. @ 10537 ft.
 Hole: Unknown @ 10436'

TD: 10565 **TVD:** 7864 **PBD:** 10499

Revised Plugging Procedure - State 16H-32-15-12

When necessary to stop for night between plugs reverse circulate for 125% of hole volume at the depth and pull out of hole 1,500' before shutting in for night.

1. Notify DOGM at least 24 hours in advance of move-in. (Dan Jarvis 801-538-5338)
2. Bleed down and load well
3. Rig up BOP
4. Function test BOP bling and pipe rams before starting operations
5. Pick Up Work string:
 - a. If tubing is in the hole pull, tally and visually inspect. If tubing appears to be externally and internally good and has good threads, is 2 7/8" N-80 or better grade and there is sufficient pipe for the job the pulled tubing can be used. If it has any evidence of corrosion scale or cement in pipe we will pickle it after pick-up and before hydrotesting
 - b. If no tubing in hole pick up 2 7/8 L-80 or P-110 work string
 - c. If pickling is required TIH to 7,800 with well tubing and then circulate 1000 gallons of inhibited 15% HCL with iron sequesterant down the tubing and then up the backside, then reverse the acid out of the hole and up the to a frac tank. If this stage is necessary the hole will be rolled to 9 lb or greater weight brine as part of the pickling operation. Reverse back to the tank with 150% of calculated displacement.
6. Pick-up bit and scraper and hydro test tubing in hole to 80% of burst
7. At 1,500 feet, function test BOP pipe rams and pressure test on annulus to 2500 psi
8. TIH to 7,800' to pick-up tubing and make scraper run
9. Roll hole to 9 lb per gallon or greater water weight if not done during pickling
10. POH and laydown casing scraper and bit
11. TIH with CIBP on tubing. Set CBP at 7,650
12. Shear off CIBP, tag on CIBP to confirm set, verify tubing is free and circulating normally
13. Spot 300' (25 sx) 1.15 yield G or H accelerated cement plug on top of cast iron plug at 7,650'
14. Pull to 7200' and reverse circulate tubing clean with 9 lb or greater brine and continue to reverse circulate while WOC
15. After WOC tag up on plug at +/- 7,350'. Plug top must be 7,350' or above
16. POH to 5,750' and spot plug 100' (12 sx) 1.15 yield Class A, Type A, Type II or Class G or H accelerated cement plug from 5,750' to 5,650'
17. Pull to 5,400 feet and reverse tubing clean with 9 lb or greater water and WOC while reverse circulating
18. After WOC tag plug top – Must be at 5,650' or above
19. POH to 4,450' and spot 100' (12 sx) 1.15 yield Class A, Type A, Type II or Class G or H accelerated cement plug from 4,450' – 4,350'
20. POH to 4,100 feet and reverse tubing clean with 9 lb or greater water and continue reverse circulating while WOC
21. After WOC tag plug top – Must be at 4,350' or above
22. Verify 4 1/2" casing can be released from slips, pick-up and run free point log
23. Explosive cut 4 1/2" casing at free point indicated, probably below 3000'. Consult with Denver Operations before making cut.
24. Pull 4 1/2" casing and laydown on float and send to yard for inspection and use in JDU.
25. RIH with tubing and spot 100' (20 sx) 1.15 yield Class A, Type A, Type II or Class G or H accelerated cement plug 1/2 and half out of the 4 1/2" casing stub at cut point depth.

Revised Plugging Procedure - State 16H-32-15-12

Page 2

26. Pull up 500 feet and reverse tubing clean with 9 lb or greater water, continue to reverse circulate while WOC
27. After WOC tag plug top – Must be at 50 feet above cut off point
28. POH to 1,100 and spot 150' (35 sx) 1.15 yield Class A, Type A, Type II or Class G or H accelerated cement plug from 1,100 to 950'
29. POH to 850' and reverse tubing clean, continue to reverse circulate while WOC
30. After WOC tag plug top – Must be at 975' or above
31. POH and rack tubing
32. Pick-up 7" casing from slips and cut at 150' and laydown. It is not necessary to save the 150' of 7" casing. If it cannot be handled by tongs available check for explosive gas with multigas detector. Have 2 man fire watch stand by with CO2 extinguishers. Pull to first collar, set collar high enough in slips to get elevators underneath and have welder cut casing off above collar and laydown. Repeat for remaining casing.
33. TIH with tubing and stab into 7" casing stub. Trip in 50' and set 50' (11 sx) cement plug in the stub. Spot additional 65 sacks of accelerated Class A, Type A, Type II or Class from 150' to surface
34. Cut off 9 5/8" casing and wellhead sufficiently below ground level to assure at least 4' of burial after restoration. If necessary top off plug with bag cement without aggregate.
35. Weld on plate with beaded on well information
36. Complete restoration as agreed to with surface owner and DOGM

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:	8. WELL NAME and NUMBER: STATE 16H-32-15-12
1. TYPE OF WELL Gas Well	9. API NUMBER: 43007314820000
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	9. FIELD and POOL or WILDCAT: WILDCAT
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	COUNTY: CARBON 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: 8/6/2016	<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 checked="" 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"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Whiting Oil and Gas has begun plug and abandon operations on the subject well and hereby provides notice of potential flaring during plugging operations.

Approved by the
August 08, 2016
Oil, Gas and Mining

Date: _____
By: D. K. Duff

NAME (PLEASE PRINT) Cara Mezydlo	PHONE NUMBER 303 876-7091	TITLE Engineering Technician
SIGNATURE N/A	DATE 8/8/2016	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: ML-49797	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: STATE 16H-32-15-12
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	9. API NUMBER: 43007314820000
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext
9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0642 FSL 0370 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 32 Township: 15.0S Range: 12.0E Meridian: S	COUNTY: CARBON
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/21/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" 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.

Well has been plugged and abandoned per the attached documents.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 September 01, 2016**

NAME (PLEASE PRINT) Cara Mezydlo	PHONE NUMBER 303 876-7091	TITLE Engineering Technician
SIGNATURE N/A	DATE 8/24/2016	

Plugging Summary - State 16H-32-15-12

1. Run Cast Iron Bridge Plug @ 7642'.
2. Tagged @ 7642'. Pressure tst to 1000 psi for 15 min.
3. Pumped plug #1 on top of bridge plug – 25 sacks cement*.
4. Pumped plug #2 from 5750' – 12 sacks cement. Tagged top of cement at 5640'.
5. Pumped plug #3 from 4450' – 12 sacks cement. Tagged top of cement at 4340'.
6. Cut 4-1/2" csg @ 3250' – unable to pull csg out of hole. Found csg stuck at 1350'
7. After discussion with Mark Jones and Dustin Doucet (UT DOGM) the 4-1/2" csg was perforated from 3244-45'. Pump plug #4 from 3308' – 12 sacks cement. Tagged top of cement at 3152'.
8. Cut 4-1/2" csg at 1010'. Pull out of hole with 4-1/2" csg. Variance approved by Mark Jones and Dustin Doucet UT DOGM.
9. Pump plug #5 from 1100' – 42 sacks cement. Tagged top of cement at 810'. Variance approved by Mark Jones and Dustin Doucet UT DOGM.
10. Pumped plug #6 from 110' – 22 sacks cement. Returns to surface.
11. Cut csg 4' BGL, one inch 17 sacks cement down 9-5/8" x 7" annulus, and weld on plate.

*All cement Class G, 15.8 ppg, 1.15 yield w/ 2% CaCl. Prior to each operation the hole was loaded with 9 lb/gal brine.



Job Summary

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Well Name: STATE 16H-32-15-12

Plug & Abandon
Job Started on 7/24/2016

WPC ID 1UT029803	API Number 4300731482	Field Name Wildcat	County Carbon	State UT	Operator WOGC	Gr Elev (ft) 5,563.00	Orig KB El... 5,579.00
AFE Number 16-0475		Total AFE Amount (Cost) 150,000.00		Supp Amt (Cost)		Total AFE + Supp Amount (Cost) 150,000.00	
Job Category Plug & Abandon		Job Type Plug & Abandon		Working Interest 50		Total Fid Est (Cost) 179,496.00	
				Start Date 7/24/2016		End Date	
Daily Operation Reports (6am to 6am)							
Job Day (days)	Rpt #	Start Date	End Date	Summary			
1	1.0	7/24/2016	7/25/2016	SICP 2500 psi. Held tailgate safety meeting and JSA. Laid down spill containment, moved in rig and support equipment spot in and SDFN.			
13	2.0	8/5/2016	8/6/2016	SICP = 2700 psi, SITP = 2450 psi. Held tailgate safety meeting and JSA. Rigged up service unit, changed over handling equipment to 2-3/8", ran pump lines, spotted in support equipment, secured well, and SDFN.			
14	3.0	8/6/2016	8/7/2016	SICP = 2700 psi, SITP = 2650 psi. Held tailgate safety meeting and JSA. Opened csg to flowback tank and bled off for few hours. Csg pressure 1400 psi, started flowing back some sand. Pumped 60 bbls 9# brine down tbg, ND wellhead, and NU BOPE. Bad lightning storm secured well and SDFN.			
15	4.0	8/7/2016	8/8/2016	SICP = 2150 psi, SITP = 1750 psi. Held tailgate safety meeting and JSA. Pumped 30 bbls 9# brine down tbg, pumped 110 bbls 9# brine down csg. Well would not lay dead. Flowed back csg to flowback tank for 7 hours recovered all 9# brine that was pumped prior. Pressure dropped from 2200 psi to 775 psi, still flowing back some sand. Secured well and SDFN. Will rig up flowback manifold in the am.			
16	5.0	8/8/2016	8/9/2016	SICP = 2100 psi, SITP = 2100 psi. Held tailgate safety meeting and JSA. Decision was made to shut well in overnight and run gauge ring/junk basket run along with pressure log on wireline in the AM.			
17	6.0	8/9/2016	8/10/2016	SICP = 2300 psi, SITP = 2275 psi. Held tailgate safety meeting and JSA. RU wireline with (1) 1.38" OD x 2.00' Lee pressure/temp tool, (1) 1.38" OD x 4.95' Lee telemetry tool, (3) 1.63" OD x 7.00' Weight bar, (1) 1.44" OD x 1.00' Titan cable head. RIH to 7670' BHP reading was 2774 psi. POOH and RD wireline. Secured well and SDFN.			
18	7.0	8/10/2016	8/11/2016	SICP = 2650 psi, SITP = 2350 psi. Held tailgate safety meeting and JSA. Pumped 150 bbls 9# brine down tbg while bleeding csg pressure down thru 48/64" choke to flowback tank - well dead. RU PRS tbg scanners. POOH with (225) jts 2-3/8" 8 rnd eue 4.7# L-80 tbg, (1) 2-3/8" profile nipple, (1) jt 2-3/8" 8 rnd eue 4.7# L-80 tbg, (1) 2-3/8" profile nipple, (1) jt 2-3/8" 8 rnd eue 4.7# L-80 tbg and (1) 2-3/8" WLREG. (Note): all tbg was in like new condition. RU wireline. RIH with 3.625" OD GR/JB to 7670' with no issues, POOH with wireline to surface, well kicked, pumped 30 bbls 9# brine down csg to POOH with wireline tools. NU wireline lubricator and RIH with 4-1/2" CIBP on wireline. Set at 7650' WL depth, PU off plug, then slack off and confirmed set depth. POOH and rigged down wireline. Secured well and SDFN. SICP = 1500 psi.			
19	8.0	8/11/2016	8/12/2016	SICP = 1950 psi. Held tailgate safety meeting and JSA. Bled off well to flowback tank well dead. TIH with (1) 2-3/8" WLREG and (241) jts 2-3/8" L-80 tbg, tagged CIBP @ 7642'. Laid down (1) jt 2-3/8" L-80 tbg EOT @ 7621', Loaded hole with 9# brine and pressure tested csg to 1000 psi held for 15 minutes good test, secured well and SDFN.			
24	9.0	8/16/2016	8/17/2016	SICP = 0 psi, SITP = 0 psi. Held tailgate safety meeting and JSA. Pumped 3.5 bbls fresh water, pumped 25 sks 5.12 bbls 15.8# 1.15 yield class G cement w/2% CaCl, displaced with 1 bbl fresh water and 23.43 bbls 9# brine 3.5 bbls/min @ 750 psi. LD (13) jts 2-3/8" L-80 tbg EOT 7208' reversed tbg clean with 41.76 bbls 9# brine 3 bbls/min @ 700 psi. LD (46) jts 2-3/8" L-80 tbg EOT @ 5750'. Pumped 1 bbl fresh water, pumped 12 sks 2.46 bbls 15.8# 1.15 yield class G cement w/2% CaCl, displaced with 1 bbl fresh water and 18.8 bbls 9# brine 3.5 bbls/min @ 500 psi. LD (11) jts 2-3/8" L-80 tbg 5400' reversed tbg clean with 31.3 bbls 9# brine 3.5 bbls/min @ 900 psi. LD (30) jts 2-3/8" L-80 tbg - EOT @ 4450'. PU (2) 1-11/16" OD x 7' weight bars, (1) 1.6875" OD x 1.72' CCL, and (1) 1-7/16" x 1.00' cable head. RIH with wireline, tagged TOC @ 5640'. POOH with wireline. Pumped 3.5 bbls fresh water, pumped 12 sks 2.46 bbls 15.8# 1.15 yield class G cement w/2% CaCl, displaced with 1 bbl fresh water and 13.7 bbls 9# brine 3.5 bbls/min @ 700 psi. LD (11) jts 2-3/8" L-80 tbg EOT @ 4100' reversed tbg clean with 23.73 bbls 9# brine 3.5 bbls/min @ 800 psi. POOH with (129) jts 2-3/8" L-80 tbg, PU (1) 2-3/4" OD x 4.78' digital gamma probe/CCL, (1) 2-3/4" OD x 2.88' centralizer, (1) 2-3/4" OD x 9.21' radial bond tool w/temp, (1) 2-3/4" OD x 2.88' centralizer, (1) 1-7/16" OD x 1.00' cable head. RIH with wireline, tagged TOC inside 4-1/2" CSG @ 4340', logged out of hole and found TOC in 7" x 4-1/2" annulus @ 3300'. POOH and rigged down wireline, secured well, and SDFN.			
25	10.0	8/17/2016	8/18/2016	SICP = 0 psi. Held tailgate safety meeting and JSA. PU (1) 3-5/8" OD x 0.25' Jet Cutter, (1) 1.69" OD x 1.50' shock sub, (1) 1-11/16" OD x 7.00' weight bar, (1) 1.6875" OD x 1.72' CCL, (1) 1-7/16" OD x 1.00' cable head. RIH with wireline and explosive cut 4-1/2" CSG @ 3250'. POOH and rigged down wireline. ND 7-1/16" BOPE tried to pull 4-1/2" csg from wellhead - no luck. PU (1) 3-1/4" OD releasing spear with 3.885 nom grapple, (1) 3-1/8" OD stop sub with 4-3/4" stop ring, (1) 3-3/8" OD cross over sub, (1) 3-3/4" OD jar, (1) 3-3/4" OD intensifier, (1) 3-5/8" OD cross over sub, (1) 2-7/8" 8 rnd eue 6.5# P-110 pup jt. Engaged spear into casing stub, jarred slip assembly free from wellhead @ 130K, and removed. Slacked off 4-1/2" CSG, released spear and laid down tools. Note: 4-1/2" casing would not pull free at cut point. NU 11" 3K BOPE and PU 4-1/2" handling equipment. MU (1) 1.5" OD x 30" motor section, (1) 1.5" OD x 18" sensor, (1) 1.375" OD x 17" CCL, (1) 1.5" OD x 30" motor section, (1) 1.5" OD x 12" cable head. RIH with wireline and free point tools, found casing was stuck @ 1350'. POOH with wireline secured well and SDFN.			



Job Summary

Whiting Oil & Gas Corp
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

Well Name: STATE 16H-32-15-12

Plug & Abandon
Job Started on 7/24/2016

WPC ID 1UT029803	API Number 4300731482	Field Name Wildcat	County Carbon	State UT	Operator WOGC	Gr Elev (ft) 5,563.00	Orig KB El... 5,579.00
AFE Number 16-0475		Total AFE Amount (Cost) 150,000.00		Supp Amt (Cost) 150,000.00		Total AFE + Supp Amount (Cost) 150,000.00	
Job Category Plug & Abandon		Job Type Plug & Abandon		Working Interest 50		Total Fid Est (Cost) 179,496.00	
				Start Date 7/24/2016		End Date	

Daily Operation Reports (6am to 6am)

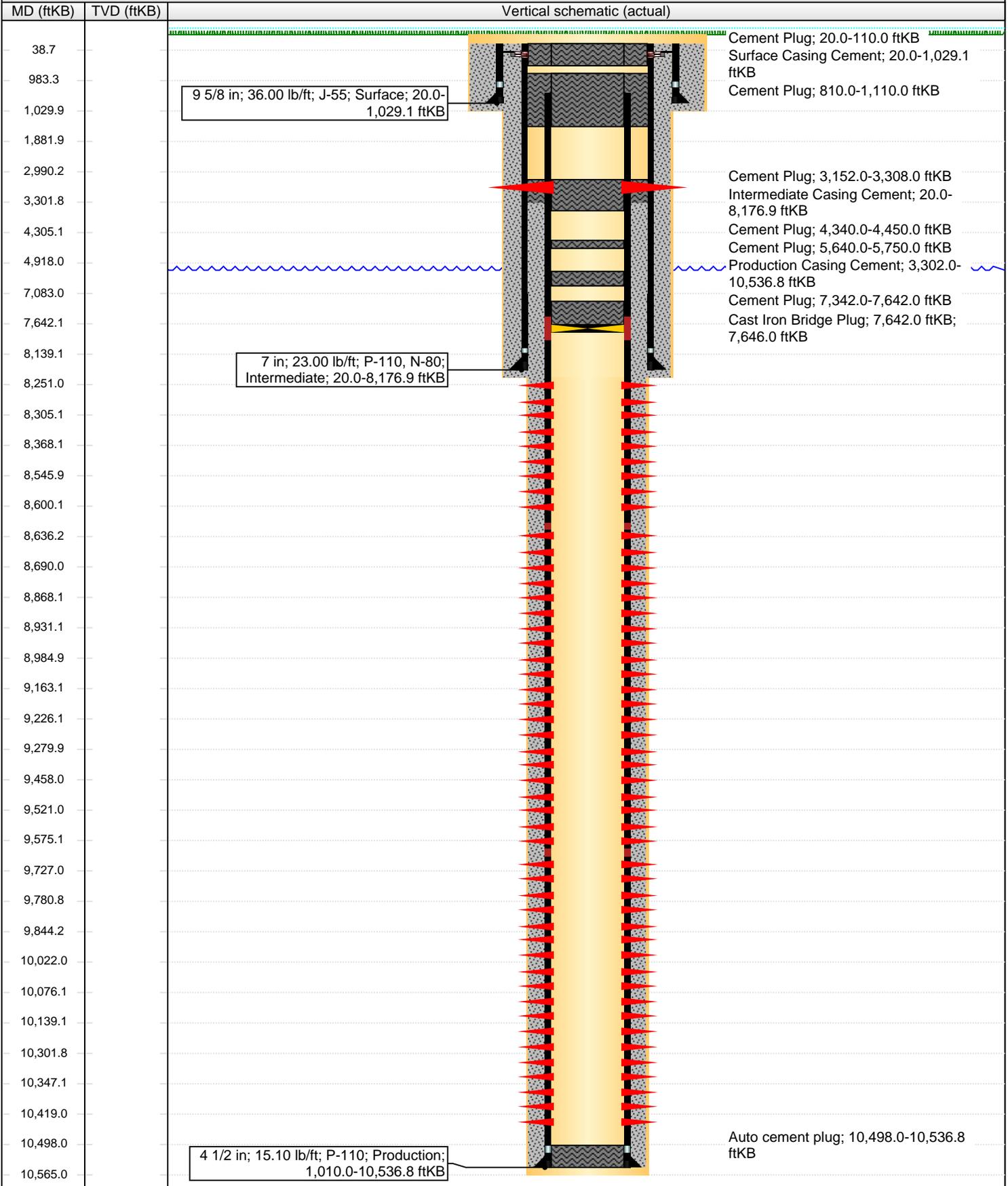
Job Day (days)	Rpt #	Start Date	End Date	Summary
26	11.0	8/18/2016	8/19/2016	SICP = 0 psi. Held tailgate safety meeting and JSA. MU (1) 3-1/8" OD x 3.5' perf gun 4 SPF 4 shot total, (1) 3-1/8" OD x 2.6' CCL (1) 1.5" OD x 1.00' cable head. RIH with wireline, tagged up @ 3250', PU 5' and shot circulation holes from 3244'-3245'. POOH and rigged down wireline, MU (1) overshot ??, (1) cross over sub, (1) 2-7/8" 8 RND EUE 6.5# P-110 pup jt. Latched onto 4-1/2" CSG, pressured up 4-1/2" CSG to 1000 psi, tried working CSG from slack off to 100K for 30 minutes, but no pressure drop or pipe movement. Released overshot and LD tools. Changed over to 2-3/8" handling tools, RIH with (104) jts 2-3/8" L-80 tbg EOT @ 3308', filled hole with 4 bbls 9# brine, pumped 3.5 bbls fresh water, pumped (12 sks) 2.46 bbls 15.8# class G cement with 2% CaCl, pumped 1 bbl freshwater, displaced with 11.8 bbls 9# brine 3.6 bbls /min @ 500 psi. LD (6) jts 2-3/8" L-80 tbg and POOH with 4 jts 2-3/8" L-80 tbg reversed tbg clean with 17.8 bbls 9# brine 3.6 bbls/min @ 700 psi. POOH with (94) jts 2-3/8" L-80 tbg. PU (1) 3-3/8" OD x 2.56' mechanical cutter, (1) 3-1/8" OD x 0.79 drain sub, (1) 3-1/16" OD x 0.83' cross over sub, (1) 2-3/8" x 9.95' P-110 pup jt and (99) jts 2-3/8" L-80 tbg. Tagged TOC @ 3152'. LD 68 jts, PU power swivel, cut 4-1/2" CSG @ 1000'. POOH with (31) jts 2-3/8" L-80 tbg and LD tools. Tried to pull CSG - no luck not cut. RIH with (1) redressed 3-3/8" OD x 2.56' mechanical cutter, (1) 3-1/8" OD x 0.79 drain sub, (1) 3-1/16" OD x 0.83' cross over sub, (1) 2-3/8" x 9.95' P-110 pup jt and (31) jts 2-3/8" L-80 tbg. Tried second cut @ 1005'. POOH with (31) jts 2-3/8" L-80 tbg and LD tools. Tried to pull CSG - no luck not cut thru, Note: both sets of carbide cutter knives were worn down flat with same wear pattern. Secured well and SDFN.
27	12.0	8/19/2016	8/20/2016	SICP = 0 psi. Held tailgate safety meeting and JSA. PU (1) 3-5/8" OD x 8" chemical cutting head, (1) 2" OD x 6' chemical sub, (1) 3-5/8" OD x 13" anchor sub, (1) 3-1/8" OD x 18" CCL, (1) 1-7/16" OD x 1.00' cable head. Latched onto 4-1/2" CSG with overshot PU 10, RIH with wireline and cut off 4-1/2" CSG with chemical cut @ 1010'. POOH with wireline POOH and LD (23) jts 4-1/2" 15.10# P-110 CSG. RIH with (34) jts 2-3/8" L-80 tbg EOT @ 1100'. Pumped filled hole with .5 bbls 9# brine. Pumped 3.5 bbls fresh water, 42 sks 8.7 bbls 15.8# 1.15 yield class G cement w 2% cacl, pumped 1 bbl fresh water, displaced with 2.3 bbls 9# brine 3 bbls.min @ 350 psi. LD (12) jts 2-3/8" L-80 tbg, EOT @ 706' reversed tbg clean with 5 bbls 9# brine 3.5 bbls/min @ 450 psi. LD (16) jts 2-3/8" L-80 tbg POOH with (6) jts 2-3/8" L-80 tbg. MU, RIH with wireline, tagged TOC in 7" @ 810', logged out of hole. Looks like 7" annulus is cemented to surface. RIH with (4) jts 2-3/8" L-80 tbg EOT @ 110'. Pumped 22 sks 4.5 bbls 15.8# 1.15 yield class G cement w 2% CaCl, had cement returns to surface 3 bbls /min @ 300 psi. POOH LD (4) jts 2-3/8" L-80 tbg. ND 11" BOPE and cut off wellhead 4' below GL. RIH 35' of 1" tremie line and pumped 17 sks 3.5 bbls 15.8# 1.15 yield class G cement - full returns to surface. Welded on P&A marker plate SDFN.
28	13.0	8/20/2016	8/21/2016	Rigged down service unit and racked out support equipment.
29	14.0	8/21/2016	8/22/2016	Loaded out support equipment onto trailers and hauled off. Moved rig off and cleaned location.



Whiting Oil & Gas Corp
 1700 Broadway, Suite 2300
 Denver, CO 80290
 (303) 837-1661

Vertical Wellbore Diagram
 Well Name: STATE 16H-32-15-12

Lateral/Horizontal - Original Hole, 8/22/2016 8:51:00 AM





C&J Energy Services

Company: Whiting Oil & Gas

Location: Wildcat State 16H-32-15-12

Date: 8-16-2016

Plug Depth: 7650' - 7350' Cement Type: Class G SCKS Used: 25 Displacement: 1 Fresh 23.43 BBLS 9# Brine

Job Description: EOT @ 7650' PUMP 3.5 BBLS FRESH, 5.12 BBLS (25 SCKS) 1 BBL FRESH, DISPLACE W/ 23.43 BBLS 9# BRINE @ 3.5 BBLS / MIN @ 750 PSI., L.D. 13-JNTS TBG EOT @ 7208', REVERSE OUT WITH 41.76 BBLS 9# BRINE 3 BBLS / MIN @ 700PSI. L.D. 46-JNTS EOT @ 5750'

Plug Depth: 5750'-5640' Cement Type: Class G SCKS Used: 12 Displacement: 1BW Fresh 18.8 BBLS 9# Brine

Job Description: EOT SET @5750' Pump 1 BW Fresh, 2.46 BBLS Cement(12 Scks), Displace w/ 1 BW Fresh, 18.8 BBLS 9# Brine @ 3.5 BBLS / Min @ 500psi, L.D. 11-JNTS EOT @ 5400' , Reverse Out w/ 31.3 BBLS 9# Brine @ 3.5 BBLS /min @ 900psi, L.D. 30-JNTS EOT@ 4450' RIH w/ Wireline & Tag Cement Top @ 5640'

Plug Depth: 4450' – 4340' Cement Type: Class G SCKS Used: 12 Displacement: 1 BW Fresh 13.7 BBLS 9# Brine

Job Description: EOT SET @ 4450' PUMP 3.5 BW FRESH, 2.46 BBLS (12 SCKS) CEMENT, DISPLACE W/ 1 BBLS FRESH, 13.7 BBLS 9# BRINE @ 3.5 BBLS / MIN @ 700PSI, L.D. 11-JNTS EOT @ 4100' REVERSE OUT W/ 23.73 BBLS 9# BRINE @ 3.5 BBLS / MIN @ 800PSI, POOH W/ 129-JNTS 2 3/8" L-80 8RD EUE TBG, FILL CSG W/ 7.5 BBLS 9# BRINE, R.U. WIRELINE W/ BOND LOG TOOLS, RIH & TAG CEMENT TOP IN 4 1/2" @ 4340', BOND LOG OUT, CEMENT TOP BETWEEN 4 1/2" & 7" ANNULUS @ 3300', POOH & R.D. WIRELINE ,SWI, S.D.F.N.

Plug Depth: 3300' – 3152' Cement Type: Class G SCKS Used: 12 Displacement: 1BW Fresh 11.8 BBLs 9# Brine

Job Description: RIH W/ 104-JNTS 2 3/8" L-80 EUE 8RD TBG, EOT @ 3308', CATCH CIRCULATE W/ 4 BBLs 9# BRINE, PUMP 3.5 BBLs FRESH, 2.46 BBLs CEMENT (12 SACKS) W/ 2% CC, 1 BBL FRESH, 11.8 BBLs 9# BRINE DISPLACEMENT @ 3.6 BBLs / MIN @ 500PSI, L.D. 6-JNTS TBG, POOH W/ 4-JNTS TBG, REVERSE OUT W/ 17.8 BBLs 9# BRINE @ 3.6 BBLs / MIN @ 700PSI, POOH W/ 94-JNTS TBG, M.U. & RIH W/ 3 3/8" INTERNAL MECHANICAL CUTTER, 3 1/8" DRAIN SUB, 2 3/8" REG X 2/3" EUE X/O SUB 10' P-110 PUP JNT, 99-JNTS TBG, TAG CEMENT TOP @ 3152', L.D. 68-JNTS 2 3/8" L-80 8RD EUE TBG, R.U. POWER SWIVEL, ATTEMPT TO CUT, L.D. POWER SWIVEL, POOH W/31-JNTS TBG, P.U. OVERSHOT, LATCH ON TO FISH TOP, NO LUCK, M.U. NEW INTERNAL CUTTER, RIH W/ 31-JNTS, P.U. 6' PUP-JNT, R.U. POWER SWIVEL & PUMP, TRY TO CUT AGAIN, R.D. SWIVEL, POOH W/ 31-JNTS TBG, M.U. OVERSHOT 7 LATCH ON, PULL UP NO LUCK, UNLATCH OVERSHOT, SWI, S.D.F.N.

Plug Depth: 1110'- 810' Cement Type: Class G SCKS Used: 42 (8.7 BBLs) Displacement: 1BW Fresh 2.3 BBLs 9# Brine

Job Description: CHECK PRESSURE, CSG-0, OPEN WELL UP, R.U. WIRELINE THROUGH THE OVERSHOT, M.U. & RIH W/ 3 5/8" CHEMICAL CUTTER, 3 5/8" ANCHOR BODY, 3 1/8" CCL, & 1 7/16" TITAN WIRELINE HEAD, RIH TO W/CCL TO LOG INTERNAL CUT, COULD NOT SEE ANYTHING ON LOGS, LATCH ON TO FISH TOP W/ OVERSHOT, PULL 10,000# OVER, SHOOT 4 1/2" CSG OFF @ 1010', GOOD CUT, POOH W/ WIRELINE, RELEASE OFF FISH TOP, L.D. WIRELINE TOOLS, LATCH BACK ONTO FISH TOP, DRAG UP HOLE 10', TRY TO CIRC BUT PACK OFF IN OVERSHOT DIDN'T HOLD, REVERSE CIRC AND PRESSURE UP TO 1000# AND HELD, WORK STRING UP & DOWN, STARTED TO COME FREE BUT DRAGGING, L.D. SHORT JNT & 14-JNTS 4 1/2" 15.1# P-110, 4 1/2" CASING TONGS BROKE, USE CUTTING TORCH TO L.D. LAST 9-JNTS AND CUT PIECE, M.U. & RIH W/ 34-JNTS 2 3/8" L-80 8RD EUE TBG EOT@ 1100', R.U. CEMENTERS, CATCH CIRC W/ .5 BBLs 9# BRINE, PUMP 3.5 BBLs FRESH, 8.7 BBLs 15.8# 1.15 YIELD CLASS G NEAT CEMENT (42 SACKS) 1 BBL FRESH, 2.3 9# BRINE @ 3 BPM @ 350 PSI, L.D. 12-JNTS TBG, EOT @ 706', REVERSE OUT W/ 5 BBLs 9# BRINE @ 3.5 BPM @ 450 PSI, L.D. 16-JNTS TBG, POOH W/ 6-JNTS TO DERRICK

Plug Depth: 110'-SURFACE Cement Type: Class G SCKS Used: 22 (4.5 BBLs)

Job Description: M.U. & RIH w/ 1.44" OD TITAN CABLE HEAD, BOND LOG TOOLS w/ PROBE CENTRALIZERS, , TAG CEMENT TOP @ 810' W/ SOME STRINGERS, BOND LOG OUT, SHOWS GOOD CEMENT BETWEEN 7" & 9 5/8" CASING, POOH & R.D. WIRELINERS, RIH OPEN ENDED W/ 6-JNTS 2 3/8"

L-80 8RD EUE TBG, L.D. 2-JNTS EOT @ 110', R.U. CEMENTERS, BATCH & PUMP 4.5 BBLS (22 SACKS) 15.8# 1.15 YIELD CLASS G NEAT CEMENT TILL WE GET GOOD RETURNS TO SURFACE 3 BPM @ 300 PSI, POOH & L.D. 4-JNTS TBG, R.D. TONGS & HANDRAILS, R.U. FLOOR, N.D. 11" 3K BOP'S w/ 11"-7" CROSS OVER w/ WASHINGTON HEAD FLANGE, CUT OFF WELL HEAD & CSG 4' BELOW GROUND LEVEL, M.U. 1" SCHEDULE 40 PVC PIPE, RIH 35' PUMP 3.5 BBLS (17 SACKS) 15.8# 1.15 YIELD CLASS G NEAT CEMENT TO TOP OFF ANNULUS BETWEEN 9 5/8" & 7" CASING, WELD ON P & A MARKER PLATE, S.D.F.N.