

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0681
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Bill Barrett Corporation		7. If Unit or CA Agreement, Name and No. Peter's Point / UTU-63014
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202		8. Lease Name and Well No. Peter's Point Unit Federal 10-35D-12-16
3b. Phone No. (include area code) 303-312-8134		9. API Well No. pending 43007-31474
4. Location of Well (Report location clearly and in accordance with any State requirements *) At surface NESE, 1330' FSL, 986' FEL At proposed prod. zone NWSE, 1989' FSL, 1953' FEL		10. Field and Pool, or Exploratory Peter's Point/Wasatch-Mesaverde 48
14. Distance in miles and direction from nearest town or post office* approximately 51 miles from Myton, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 35, T12S-R16E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1330' SH / 691' BH	16. No. of acres in lease 1598.62	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 8' SH / 1318' BH	19. Proposed Depth 7400' MD	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6782' graded ground	22. Approximate date work will start* 11/28/2008	23. Estimated duration 40 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Tracey Fallang</i>	Name (Printed/Typed) Tracey Fallang	Date 11/04/2008
Title Regulatory Analyst		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 11-18-08
Title	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

*Surf*

578428X  
4397615Y  
39.726701  
-110.084872

*BFL*  
578131X  
4397814Y  
39.728516  
-110.089319

**Federal Approval of this Action is Necessary**

**RECEIVED**

NOV 05 2008

DIV. OF OIL, GAS & MINING

# T12S, R16E, S.L.B.&M.

NE Corner Sec. 34  
1909 Brass Cap 2.5'  
High, Pile of Stones,  
Bearing Tree

N89°59'03"W - 5290.31' (Meas. to C.C.)  
N89°59'03"W - 5289.86' (Meas. to True)

## BILL BARRETT CORPORATION

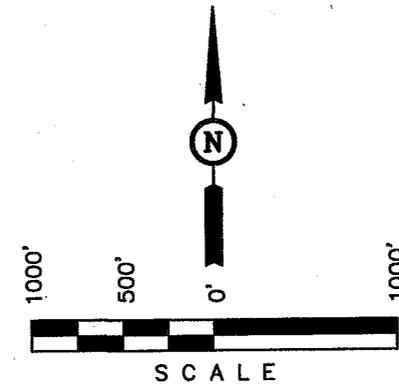
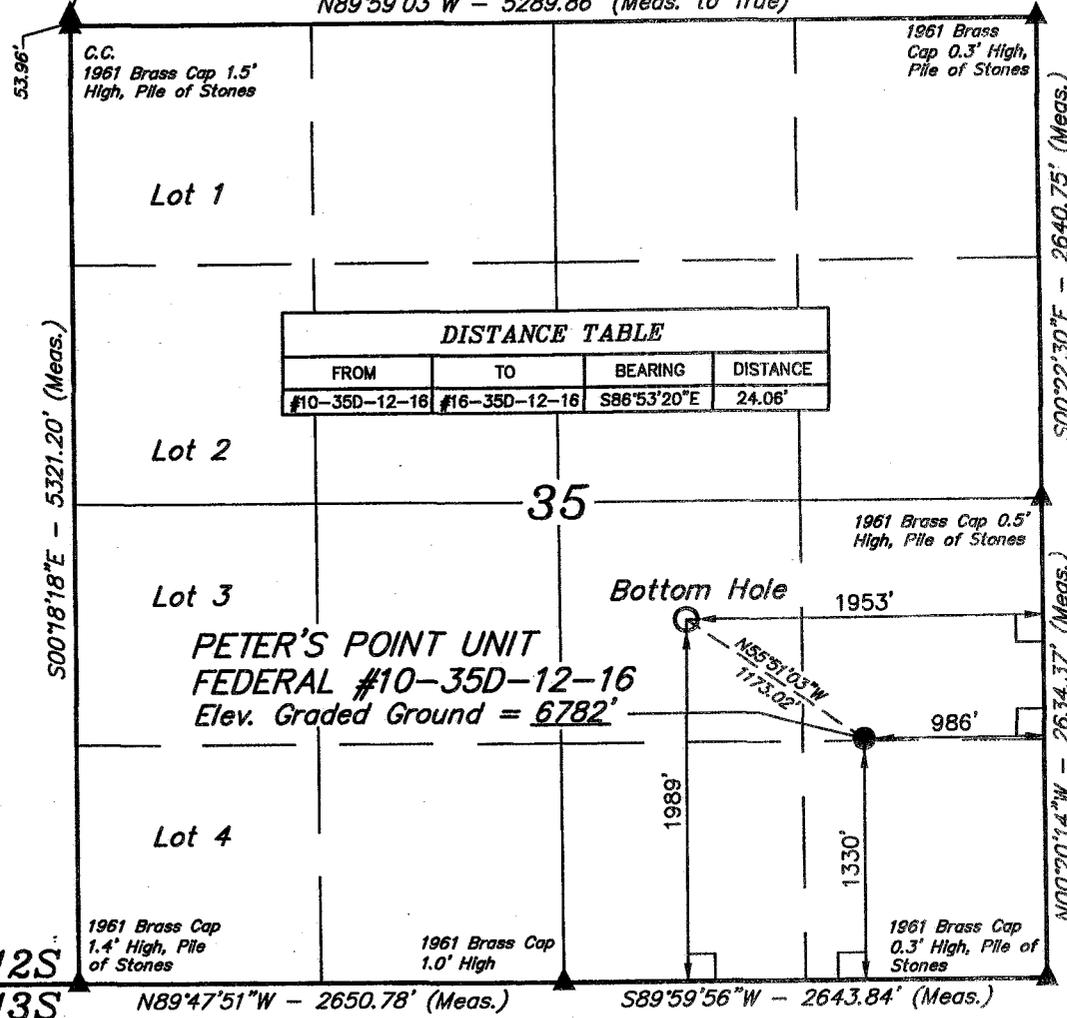
Well location, PETER'S POINT UNIT FEDERAL  
#10-35D-12-16, located as shown in the NE  
1/4 SE 1/4 of Section 35, T12S, R16E,  
S.L.B.&M., Carbon County, Utah.

### BASIS OF ELEVATION

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF  
SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN  
HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE  
SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED  
STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.  
SAID ELEVATION IS MARKED AS BEING 7386 FEET.

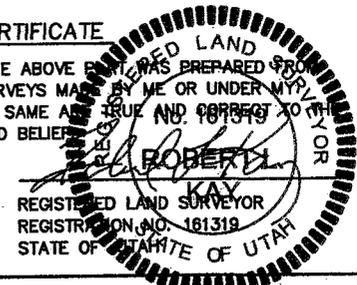
### BASIS OF BEARINGS

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



### CERTIFICATE

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



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

### LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°43'42.61" (39.728503)	LONGITUDE = 110°05'20.57" (110.089047)	LATITUDE = 39°43'36.10" (39.726694)	LONGITUDE = 110°05'08.15" (110.085597)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°43'42.74" (39.728540)	LONGITUDE = 110°05'18.02" (110.088339)	LATITUDE = 39°43'36.23" (39.726731)	LONGITUDE = 110°05'05.61" (110.084892)
STATE PLANE NAD 27 N: 511302.73 E: 2397011.28		STATE PLANE NAD 27 N: 510659.28 E: 2397991.48	

SCALE 1" = 1000'	DATE SURVEYED: 10-07-08	DATE DRAWN: 10-15-08
PARTY D.R. A.H. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



November 4, 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: Directional Drilling R649-3-11  
Peters Point Unit Federal 10-35D-12-16  
SHL: 1330' FSL & 986' FEL NESE 35-T12S-R16E  
BHL: 1989' FSL & 1953' FEL NWSE 35-T12S-R16E  
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 R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Peters Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

*Doug Gundry-White by TLF*  
Doug Gundry-White  
Senior Landman

RECEIVED  
NOV 05 2008  
DIV. OF OIL, GAS & MINING

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

## DRILLING PROGRAM

BILL BARRETT CORPORATION

*Peter's Point Unit Federal #10-35D-12-16*

NESE, 1330' FSL, 986' FEL, Sec. 35, T12S-R16E (surface hole)  
 NWSE, 1989' FSL, 1953' FEL, Sec. 35, T12S-R16E (bottom hole)  
 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>
Green River	Surface	Surface
Wasatch	2896'*	2769'*
North Horn	4799'*	4559'*
Dark Canyon	6389'*	6149'*
Price River	6579'*	6339'*
TD	7400'*	7200'*

**PROSPECTIVE PAY**

\*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives 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
<ul style="list-style-type: none"> <li>- Drilling spool to accommodate choke and kill lines;</li> <li>- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;</li> <li>- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.</li> <li>- 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.</li> </ul>	

**4. Casing Program**

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
12 1/4"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8" & 8 3/4"	surface	7,400'	5 1/2"	17.0#	I-100	LT&C	New
			5 1/2"	17.0#	N-80	LT&C	New
			4 1/2"	11.6#	I-100	LT&C	New
			4 1/2"	11.6#	I-80	LT&C	New
Note: BBC will use one of the options of production casing noted above. 7 7/8" hole size will begin at the point the bit is changed.							

5. Cementing Program

9 5/8" Surface Casing	Approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) and 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess.
5 1/2" Production Casing  <b>OR</b>	Approximately 1440 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
4 1/2" Production Casing	Approximately 1750 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
Note: Actual volumes to be calculated from caliper log.	

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0 - 40'	8.3 - 8.6	27 - 40	--	Native Spud Mud
40' - 1000'	8.3 - 8.6	27 - 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 - 9.5	38 - 46	15 cc or less	LSND/DAP
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.				
Note: In the event air drilling should occur at this location:				
<ul style="list-style-type: none"> <li>- Fresh water would be used to suppress the dust coming out. The blooie line, approximately 37' long and 6" diameter, would run from the pit to the wellhead. There is no ignition system as burnable gas should not be encountered.</li> <li>- Capacity of compressor: 1250SCFM with an 1170 SCFM on standby, which would be located very near the wellbore. The compressor has switches to shut off should any problems be encountered.</li> <li>- The rig has mud pumps capable of pumping the kill fluid (fresh water), of which there is 500 bbls on location at all times.</li> </ul>				

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation  
Drilling Program  
Peter's Point Unit Federal #10-35D-12-16  
Carbon County, Utah

8. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3557 psi\* and maximum anticipated surface pressure equals approximately 1973 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)

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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: November 28, 2008  
Spud: December 7, 2008  
Duration: 10 days drilling time  
30 days completion time

11. **Other**

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application. Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

## SURFACE USE PLAN

### **BILL BARRETT CORPORATION** **Peter's Point 16-35D-12-16 Pad Wells**

<p style="text-align: center;"><b><u>Peter's Point Unit Federal #15-35D-12-16</u></b></p> <p>NESE, 1331' FSL, 994' FEL, Sec. 35, T12S-R16E (surface hole) SWSE, 670' FSL, 1959' FEL, Sec. 35, T12S-R16E (bottom hole) Carbon County, Utah</p>	<p style="text-align: center;"><b><u>Peter's Point Unit Federal #10-35D-12-16</u></b></p> <p>NESE, 1330' FSL, 986' FEL, Sec. 35, T12S-R16E (surface hole) NWSE, 1989' FSL, 1953' FEL, Sec. 35, T12S-R16E (bottom hole) Carbon County, Utah</p>
<p style="text-align: center;"><b><u>Peter's Point Unit Federal #9-35D-12-16</u></b></p> <p>NESE, 1330' FSL, 978' FEL, Sec. 35, T12S-R16E (surface hole) NESE, 1984' FSL, 628' FEL, Sec. 35, T12S-R16E (bottom hole) Carbon County, Utah</p>	

**The onsite for the existing well on this pad (the 16-35D) occurred in 2004. The onsite for the three additional wells being added to the pad is pending. Minimal additional disturbance to the pad is necessary for the new wells.**

The excavation contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. The existing well pad is located approximately 51 miles from Myton, Utah. Maps reflecting directions to the proposed well pad are included (see Topographic Maps A and B).
- b. An access road, approximately 3035 feet in length, exists to this pad. Total road disturbance requested for this access is 50-feet.
- c. Surface disturbance and vehicular travel will be limited to the approved existing access road. Adequate signs will be posted, as necessary, to warn the public of project related traffic.
- d. BBC will be responsible for all maintenance of the access road including drainage structures.
- e. The use of roads under State and County Road Department maintenance is necessary to access the Peter's Point Unit. However, an encroachment permit is not anticipated since there are no upgrades to the State or County road systems are proposed at this time.
- f. All existing roads will be maintained and kept in good repair during all phases of operation.
- g. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

2. Planned Access Road:

- a. See 1. b. under Existing Roads.

3. Location of Existing Wells (see Topographic Map C):

a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed well:

i. water wells	none
ii. injection wells	none
iii. disposal wells	none
iv. drilling wells	none
v. temp shut-in wells	none
vi. producing wells	21
vii. abandoned wells	1

4. Location of Production Facilities (see enclosed "Proposed Facility Layout"):

- a. All facilities for this pad will be located adjacent to each other, as noted on the enclosed diagram (some permanent structures/facilities may be shared). Five 400-bbl tanks will be located on the pad. All wells are within the Peter's Point unit and within a Participating Area so the tanks will be shared as follows: (1) oil tank, (2) water tanks, (1) blow-down tank, (1) test tank. To allocate production, a quarterly test will be run for each well for a 24-hour period into the test tank. Low profile tanks are not proposed as none exist at this location currently and facilities are not sited on a ridge line.
- b. All permanent above-ground structures will be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities will be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- d. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- e. Gas meter runs will be constructed and located on lease within 500 feet of the wellheads. Meter runs are housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3. **Use of electronic flow meter (EFMs) for gas measurement purposes is requested with this application as well as use of flow conditioners (versus straightening vanes) for each new well.** Flow conditioners have been proven to be as, or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

- f. A tank battery exists on this lease and will be modified as per the proposed facility layout to include additional equipment. All loading lines and valves will be placed inside the berm surrounding the tank battery or will have a secondary containment vessel. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- g. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- h. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic as practicable. The roads will be maintained in a safe, useable condition.
- i. The site will require periodic maintenance to ensure that drainages are kept open and free of debris and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- j. A 6-inch surface-laid pipeline, approximately 2971 feet in length, exists to this location. This pipeline will be sufficient for the additional wells being added.

5. Location and Type of Water Supply:

- a. Bill Barrett Corporation will use water consistent with approvals granted by the Utah State Engineer's Office under Application Number 90-1853 (T76109) which expires April 3, 2009, or an existing water well in Sec. 13, T12S-R14E granted by the Utah State Engineer's Office under Application Number 90-1857 (T78166) which expires September 4, 2009, or under Application Number 90-1855 (T77981) which expires June 25, 2009.
- b. Water use for this location would most likely be diverted from Nine Mile Creek, the S $\frac{1}{4}$  of Section 8, T12S-R16E or from a water well located in the N $\frac{1}{4}$  of State Section 32-T12S-R16E. For either of these sources, bobtail trucks would haul the water, traveling Cottonwood Canyon dugway to Peter's Point road.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be taken off-lease.
- c. If any additional gravel is required, it will be obtained from SITLA materials permits or from federal BBC locations within the Peter's Point unit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit is located inboard of the location along the northwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break or allow any discharge.

- e. The reserve pit will be lined with a 12 mil minimum thickness polyethylene nylon reinforced liner material. The pit liner will overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1 and the depth of the reserve pit will be approximately 8-feet with a minimum of 2 foot freeboard.
- f. The reserve pit will be located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated as per the plans for reclamation of surface (10. below).
- g. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) in quantities over 10,000 pounds that may be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of each well include diesel fuel, hydrochloric acid and silica sand. This material will be consumed in the drilling and completion process. No extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- h. Trash will be contained in a trash cage or roll-off container and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Carbon or Uintah County Landfill.
- i. Produced fluids from each well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up and based on volumes, BBC will install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water will be used in further drilling and completion activities, evaporated in the pit, or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- l. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.
- m. Any liquid hydrocarbons produced during completion work will be contained in test tanks on the well location. The tanks will be removed from location at a later date. A flare pit may be constructed a minimum of 110' from the wellheads and may be used during completion work. In the event a flare pit proves to be unworkable in this situation, a flare stack will be installed. BBC will flow back as much fluid and gas as possible into vessels, separating the fluid from the gas. The fluid will then be either returned to the reserve pit or placed into a tank. Gas will be then directed into the flare pit or the flare

stack with a constant source of ignition. Natural gas will be directed to the pipeline as soon as pipeline gas quality standards are met.

- n. Hydrocarbons will be removed from the reserve pit as soon as practical. In the event immediate removal is not practical, the reserve pit will be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets are the only ancillary facilities proposed in this application

9. Well Site Layout:

- a. Each well will be properly identified in accordance with 43 CFR 3162.6.
- b. The rig layout and cross section diagrams are enclosed (see Location Layout and Cross Section Plats).
- c. The pad and road designs are consistent with BLM specifications.
- d. Additional disturbance is necessary to accommodate the additional wells being added. The pad dimensions are 476' x 255'.
- e. All surface disturbing activities will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- f. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- g. Diversion ditches will be constructed, if necessary, around the well pad to prevent surface waters from entering the area.
- h. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- i. Pits will remain fenced until site cleanup.
- j. If air drilling occurs, the blooie line will be located at least 100 feet from the individual well head and will run from the each wellhead directly to the pit.
- k. Water application may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

Producing Wells

- a. Rat and mouse holes will be filled and compacted from bottom to top immediately upon release of the drilling rig from location.

- b. The reserve pit will be closed as soon as reasonably practical, but no later than 90 days from completion of the last well on the pad, provided favorable weather conditions and that there are no plans to re-use the pit within one year. An extension may be given at the discretion of the BLM Authorized Officer. The following are requirements for pit closures:
- Squeezing of pit fluids and cuttings is prohibited;
  - Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil;
  - Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade;
  - If a liner was used, the polyethylene nylon reinforced liner shall be torn and perforated before backfilling;
  - The operator will be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry.
  - The operator shall contact the BLM Authorized Officer at least 48-hours prior to the filling and reclamation of pits and the start of any reclamation such as recontouring and reseeding.
- c. Reclamation requirements will be dependant upon plans for subsequent drilling activity on the pad. The operator shall contact the BLM Authorized Officer within 90 days of completion of the last well on the pad and provide plans for subsequent pad use.
- In the event that the operator plans to re-occupy the pad within three years, the operator shall seed the unused portions of the pad with a cover crop as approved for this use by the BLM. If necessary, this cover crop will be replanted each year that the pad remains in an un-reclaimed state. Unless otherwise specifically authorized, no pad shall remain in an un-reclaimed state for more than three years.
    - Cover crops will be seeded by broadcasting seed over all unused portions of the pad. Seed will be covered with soil to the appropriate depth by raking or other methods.
  - In the event there are no plans to re-occupy the pad within three years, interim reclamation activities will begin within 90 days. The operator will use the BLM approved seed mix and will seed during the first suitable seeding season.
    - Interim reclamation drill seeding will be conducted on the contour to a depth of 0.5 inch, followed by cultipaction to compact the seedbed, preventing soil and seed losses. To maintain quality and purity, the current years tested, certified seed with a minimum germination rate of 80% and a minimum purity of 90% will be used.
  - Topsoil salvaged from the drill site and stored for more than one year will be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the BLM prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

- d. The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

Dry Hole

- a. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. will be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.

11. Surface and Mineral Ownership:

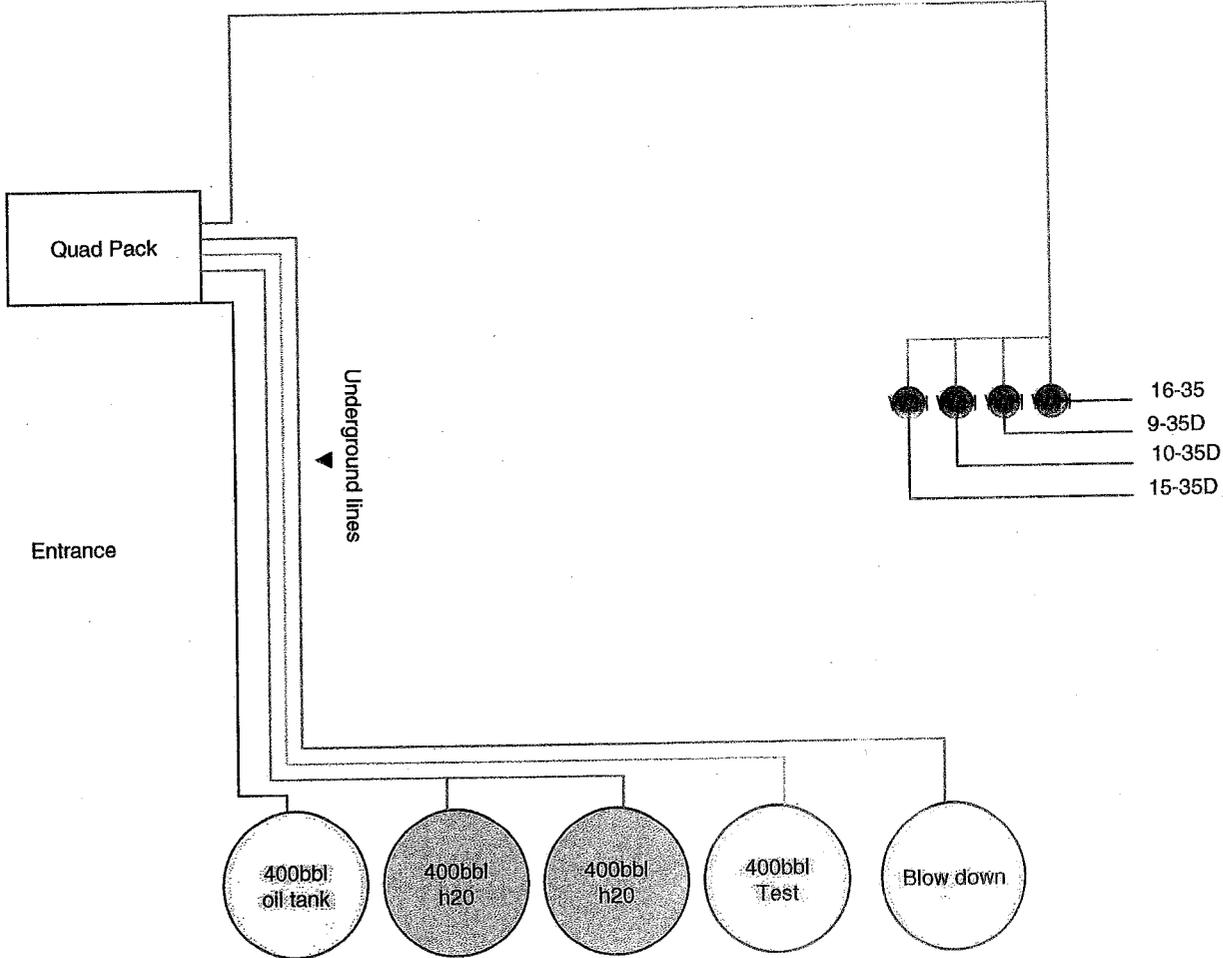
- a. Surface ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- b. Mineral ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

12. Other Information:

- a. Montgomery Archaeological Consultants conducted Class III archeological surveys. Copies of the report were submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 08-283 dated November 5, 2008 and 03-240 dated April 16, 2004.
- b. Areas in the proposed drilling program where fluids escaping the wellbore and exiting onto a hillside might occur will be identified. In those cases, cement and/ or fluid loss compounds (types of lost circulation fluids) will be utilized to heal up vags and cracks. Upon individual evaluation of the proposed well sites, air drilling the hole to surface casing depth may occur.
- c. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24" to 48" wide and is approximately 10' tall. Combustor placement will be on existing disturbance and will not be closer than 100' to any tank or wellhead.

**PROPOSED FACILITY LAYOUT**  
**Peter's Point 16-35 Pad**

- HIGH PRESSURE/BLOWDOWN/SALES
- OIL DUMPS
- WATER DUMPS
- Test



OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this 4<sup>th</sup> day of Nov 2008  
Name: Tracey Fallang  
Position Title: Regulatory Analyst  
Address: 1099 18<sup>th</sup> Street, Suite 2300, Denver, CO 80202  
Telephone: 303-312-8134  
Field Representative Fred Goodrich  
Address: 1820 W. Hwy 40, Roosevelt, UT 84066  
Telephone: 435-725-3515  
E-mail: \_\_\_\_\_

Tracey Fallang  
Tracey Fallang, Regulatory Analyst

Well name:	<b>Utah: West Tavaputs</b>
Operator:	<b>Bill Barrett</b>
String type:	Surface
Location:	Carbon County, UT

<b>Design parameters:</b>	<b>Minimum design factors:</b>	<b>Environment:</b>	
<u>Collapse</u>	<u>Collapse:</u>	H2S considered?	No
Mud weight: 9.50 ppg	Design factor: 1.125	Surface temperature:	75.00 °F
		Bottom hole temperature:	89 °F
Design is based on evacuated pipe.		Temperature gradient:	1.40 °F/100ft
		Minimum section length:	1,000 ft

	<u>Burst:</u>		
	Design factor: 1.00	Cement top:	Surface

<u>Burst</u>			
Max anticipated surface pressure: 2,735 psi			
Internal gradient: 0.22 psi/ft			
Calculated BHP: 2,955 psi			
	<u>Tension:</u>		Non-directional string.
	8 Round STC: 1.80 (J)		
	8 Round LTC: 1.80 (J)		
Annular backup: 9.50 ppg	Buttress: 1.80 (J)		
	Premium: 1.80 (J)		
	Body yield: 1.80 (B)		
	Tension is based on buoyed weight.		Re subsequent strings:
	Neutral point: 859 ft		Next setting depth: 10,000 ft
			Next mud weight: 9.500 ppg
			Next setting BHP: 4,935 psi
			Fracture mud wt: 10.000 ppg
			Fracture depth: 10,000 ft
			Injection pressure: 5,195 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/K-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	493	2020	4.094	2735	3520	1.29	31	453	14.64 J

Prepared Dominic Spencer by: Bill Barrett	Phone: (303) 312-8143 FAX: (303) 312-8195	Date: August 1,2003 Denver, Colorado
--	--	---

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop & Kemier 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.

Well name:  
 Operator: **Bill Barrett Corporation**  
 String type: Production

**Utah: West Tavaputs**

**Design parameters:**

**Collapse**  
 Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 2,735 psi  
 Internal gradient: 0.22 psi/ft  
 Calculated BHP: 4,935 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: 1.80 (J)  
 Premium: 1.80 (J)  
 Body yield: 1.80 (B)

Tension is based on buoyed weight.  
 Neutral point: 8,580 ft

**Environment:**

H2S considered? No  
 Surface temperature: 60.00 °F  
 Bottom hole temperature: 200 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft  
 Cement top: 2,500 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17	I-100	LT&C	10000	10000	4.767	1305

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	4940	7480	1.51417	4940	9670	1.9574899	100	496	4.96 J

Prepared Taylor Winegar  
 by: Bill Barrett

Phone: (303) 312-8588  
 FAX: (303) 312-8195

Date: October 16th, 2008  
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	<b>Uta: West Tavaputs</b>
Operator:	<b>Bill Barrett</b>
String type:	Production
Location:	Uintah County, UT

**Design parameters:**

Collapse

Mud weight: 9.50 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: 75.00 °F  
 Bottom hole temperature: 215 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 900 ft

Burst

Max anticipated surface pressure: 4,705 psi

Internal gradient: 0.02 psi/ft

Calculated BHP 4,935 psi

Annular backup: 9.50 ppg

Tension:

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

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	N-80	LT&C	10000	10000	4.767	344.6
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	4935	6290	1.275	4705	7740	1.65	146	348	2.39 J

Prepared Dominic Spencer  
 by: Bill Barrett

Phone: (303) 312-8143  
 FAX: (303) 312-8195

Date: August 1, 2003  
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

## Utah: West Tavaputs

Well name:  
 Operator: **Bill Barrett Corporation**  
 String type: Production

**Design parameters:**

Collapse  
 Mud weight: 9.50 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,735 psi  
 Internal gradient: 0.22 psi/ft  
 Calculated BHP 4,935 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: 1.80 (J)  
 Premium: 1.80 (J)  
 Body yield: 1.80 (B)

Tension is based on buoyed weight.  
 Neutral point: 8,580 ft

**Environment:**

H2S considered? No  
 Surface temperature: 60.00 °F

Bottom hole temperature: 200 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft  
 Cement top: 2,500 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	4.5	11.60	I-80	LT&C	10000	10000	3.875	231.8
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	4935	6350	1.287	4935	7780	1.58	100	223	2.24 J

Prepared Dominic Spencer  
 by: Bill Barrett

Phone: (303) 312-8143  
 FAX: (303) 312-8195

Date: December 13, 2005  
 Denver, Colorado

Remarks:  
 Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

## West Tavaputs General

Well name:  
 Operator: **Bill Barrett Corporation**  
 String type: Production

**Design parameters:**

Collapse  
 Mud weight: 9.50 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: 60.00 °F  
 Bottom hole temperature: 200 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft  
 Cement top: 2,500 ft

**Burst**

Max anticipated surface pressure: 2,735 psi  
 Internal gradient: 0.22 psi/ft  
 Calculated BHP 4,935 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.  
 Neutral point: 8,580 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	4.5	11.60	I-100	LT&C	10000	10000	3.875	231.8
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	4935	7220	1.46	4935	9720	1.97	100	245	2.45

Prepared Dominic Spencer  
 by: Bill Barrett

Phone: (303) 312-8143  
 FAX: (303) 312-8195

Date: 7-Apr-08  
 Denver, Colorado

Remarks:  
 Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

Well Name: Peter's Point UF #10-35D-12-16

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

### Cement Data:

Lead Yield:	1.85	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	170

### Production Hole Data:

Total Depth:	7,400'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1641.9	ft <sup>3</sup>
Lead Fill:	6,500'	

### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

### Calculated # of Sacks:

# SK's Lead:	1440
--------------	------

**Peter's Point UF #10-35D-12-16 Proposed Cementing Program**

<u>Job Recommendation</u>	<u>Surface Casing</u>	
<b>Lead Cement - (700' - 0')</b>		
Halliburton Light Premium	Fluid Weight:	12.7 lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.85 ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9 Gal/sk
	Top of Fluid:	0'
	Calculated Fill:	700'
	Volume:	78.09 bbl
	<b>Proposed Sacks:</b>	<b>240 sks</b>
<b>Tail Cement - (1000' - 700')</b>		
Premium Cement	Fluid Weight:	15.8 lbm/gal
94 lbm/sk Premium Cement	Slurry Yield:	1.16 ft <sup>3</sup> /sk
2.0% Calcium Chloride	Total Mixing Fluid:	4.97 Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid:	700'
	Calculated Fill:	300'
	Volume:	33.47 bbl
	<b>Proposed Sacks:</b>	<b>170 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>	
<b>Lead Cement - (7400' - 900')</b>		
50/50 Poz Premium	Fluid Weight:	13.4 lbm/gal
3.0 % KCL	Slurry Yield:	1.49 ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	7.06 Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid:	900'
0.2% FWCA	Calculated Fill:	6,500'
0.125 lbm/sk Poly-E-Flake	Volume:	380.13 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks:</b>	<b>1440 sks</b>



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

Well Name: Peter's Point UF #10-35D-12-16

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

### Cement Data:

Lead Yield:	1.85	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	170

### Production Hole Data:

Total Depth:	7,400'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	1996.4	ft <sup>3</sup>
Lead Fill:	6,500'	

### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

### Calculated # of Sacks:

# SK's Lead:	1750
--------------	------



**Bill Barrett Corporation**

**BILL BARRETT CORP**

CARBON COUNTY, UT (NAD 27)

~~PR PR US 16-35 PAD~~

~~PR PR US 10-35D-12-16~~

~~PR PR US 10-35D-12-16~~

Plan: Design #1

*Peter's Point  
(plans  
mislabeled)*

**Standard Planning Report**

4 NOVEMBER, 2008



**Weatherford®**



Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT 16-35 PAD  
 Well: PETERS POINT 10-35D-12-16  
 Wellbore: PETERS POINT 10-35D-12-16  
 Design: Design #1  
 Latitude: 39° 43' 36.230 N  
 Longitude: 110° 5' 5.610 W  
 GL: 6782.00  
 KB: WELL @ 6799.00ft (Original Well Elev)



**Weatherford**

WELL DETAILS: PETERS POINT 10-35D-12-16						
+N-S	+E-W	Northing	Ground Level:	6782.00	Latitude	Longitude
0.00	0.00	510659.50	Easting	2397991.10	39° 43' 36.230 N	110° 5' 5.610 W

WELLBORE TARGET DETAILS (LAT/LONG)						
Name	TVD	+N-S	+E-W	Latitude	Longitude	Shape
PBHL 10-35D-12-16	6974.00	658.75	-969.62	39° 43' 42.740 N	110° 5' 18.020 W	Circle (Radius: 100.00)

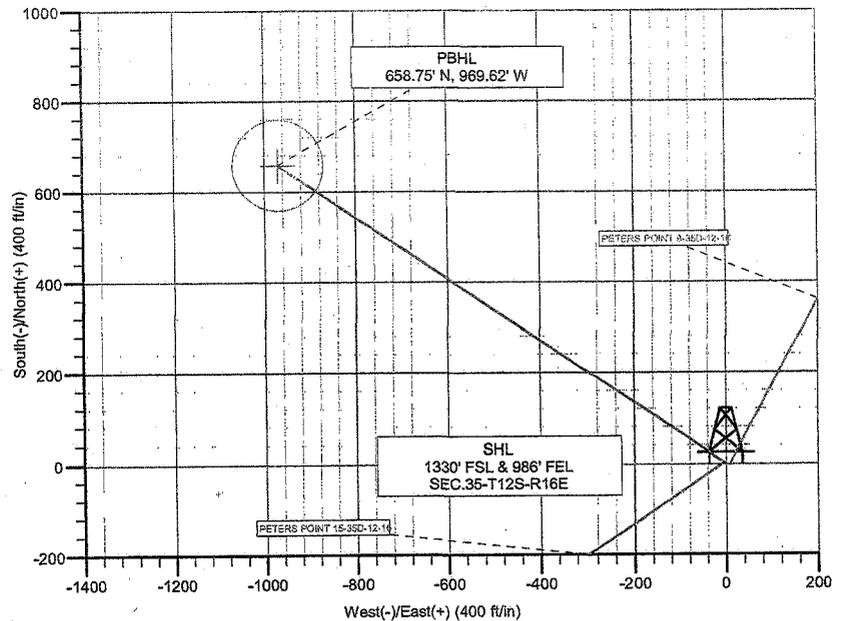
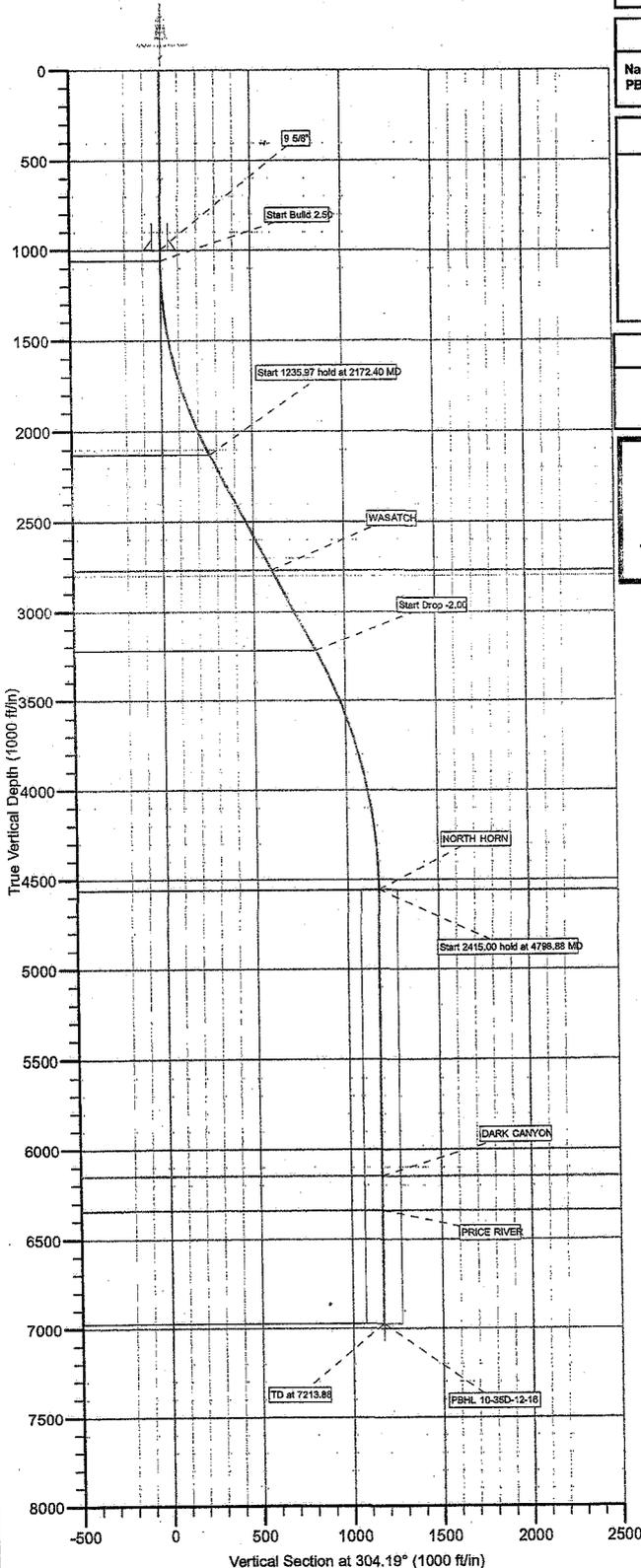
SECTION DETAILS										
MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Annotation	
0.00	0.00	0.00	1060.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.50	
1060.00	0.00	0.00	1060.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.50	
2172.40	27.81	304.19	2129.24	148.76	-218.96	2.50	304.19	264.71	Start 1235.97 hold at 2172.40 MD	
3408.38	27.81	304.19	3222.45	472.80	-695.93	0.00	0.00	841.34	Start Drop -2.00	
4798.88	0.00	0.00	4559.00	658.75	-969.62	2.00	180.00	1172.23	Start 2415.00 hold at 4798.88 MD	
7213.88	0.00	0.00	6974.00	658.75	-969.62	0.00	0.00	1172.23	TD at 7213.88	

CASING DETAILS			
TVD	MD	Name	Size
1000.00	1000.00	9 5/8"	9-5/8

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2769.00	2895.71	WASATCH
4559.00	4798.88	NORTH HORN
6149.00	6388.88	DARK CANYON
6339.00	6578.88	PRICE RIVER

Azimuths to True North  
 Magnetic North: 11.63°  
 Magnetic Field Strength: 52325.8snT  
 Dip Angle: 65.58°  
 Date: 11/4/2008  
 Model: BGGM2007

LEGEND	
---	PETERS POINT 15-35D-12-16, PETERS POINT 15-35D-12-16, Design #1 V0
---	PETERS POINT 9-35D-12-16, PETERS POINT 9-35D-12-16, Design #1 V0
---	Design #1



Plan: Design #1 (PETERS POINT 10-35D-12-16/PETERS POINT 10-35D-12-16)  
 Created By: TRACY WILLIAMS Date: 14:38, November 04 2008



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**PETERS POINT 16-35 PAD**

**PETERS POINT 10-35D-12-16**

**PETERS POINT 10-35D-12-16**

**Plan: Design #1**

## **Standard Planning Report**

**04 November, 2008**



**Weatherford®**



**Weatherford International Ltd.**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT 10-35D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Site:</b>	PETERS POINT 16-35 PAD	<b>North Reference:</b>	True
<b>Well:</b>	PETERS POINT 10-35D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PETERS POINT 10-35D-12-16		
<b>Design:</b>	Design #1		

<b>Project</b>	CARBON COUNTY, UT (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		Using geodetic scale factor

<b>Site</b>	PETERS POINT 16-35 PAD				
<b>Site Position:</b>		<b>Northing:</b>	510,659.39 ft	<b>Latitude:</b>	39° 43' 36.230 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,397,983.29 ft	<b>Longitude:</b>	110° 5' 5.710 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.91 °

<b>Well</b>	PETERS POINT 10-35D-12-16					
<b>Well Position</b>	<b>+N/-S</b>	-0.02 ft	<b>Northing:</b>	510,659.50 ft	<b>Latitude:</b>	39° 43' 36.230 N
	<b>+E/-W</b>	7.81 ft	<b>Easting:</b>	2,397,991.10 ft	<b>Longitude:</b>	110° 5' 5.610 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,782.00 ft

<b>Wellbore</b>	PETERS POINT 10-35D-12-16				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2007	11/4/2008	11.63	65.58	52,326

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	304.19

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,172.40	27.81	304.19	2,129.24	148.76	-218.96	2.50	2.50	0.00	304.19	
3,408.38	27.81	304.19	3,222.45	472.80	-695.93	0.00	0.00	0.00	0.00	
4,798.88	0.00	0.00	4,559.00	658.75	-969.62	2.00	-2.00	0.00	180.00	
7,213.88	0.00	0.00	6,974.00	658.75	-969.62	0.00	0.00	0.00	0.00	PBHL 10-35D-12-16



Weatherford International Ltd.  
Planning Report



Database: EDM 2003.21 Single User Db  
Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Site: PETERS POINT 16-35 PAD  
Well: PETERS POINT 10-35D-12-16  
Wellbore: PETERS POINT 10-35D-12-16  
Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT 10-35D-12-16  
TVD Reference: WELL @ 6799.00ft (Original Well Elev)  
MD Reference: WELL @ 6799.00ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

Planned 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>9 5/8"</b>									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 2.50</b>									
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	1.00	304.19	1,100.00	0.20	-0.29	0.35	2.50	2.50	0.00
1,200.00	3.50	304.19	1,199.91	2.40	-3.54	4.27	2.50	2.50	0.00
1,300.00	6.00	304.19	1,299.56	7.06	-10.38	12.55	2.50	2.50	0.00
1,400.00	8.50	304.19	1,398.75	14.15	-20.82	25.17	2.50	2.50	0.00
1,500.00	11.00	304.19	1,497.30	23.66	-34.83	42.11	2.50	2.50	0.00
1,600.00	13.50	304.19	1,595.02	35.59	-52.38	63.32	2.50	2.50	0.00
1,700.00	16.00	304.19	1,691.71	49.89	-73.44	88.78	2.50	2.50	0.00
1,800.00	18.50	304.19	1,787.21	66.55	-97.96	118.43	2.50	2.50	0.00
1,900.00	21.00	304.19	1,881.32	85.54	-125.91	152.22	2.50	2.50	0.00
2,000.00	23.50	304.19	1,973.87	106.82	-157.23	190.08	2.50	2.50	0.00
2,100.00	26.00	304.19	2,064.67	130.34	-191.86	231.95	2.50	2.50	0.00
<b>Start 1235.97 hold at 2172.40 MD</b>									
2,172.40	27.81	304.19	2,129.24	148.76	-218.96	264.71	2.50	2.50	0.00
2,200.00	27.81	304.19	2,153.65	155.99	-229.61	277.58	0.00	0.00	0.00
2,300.00	27.81	304.19	2,242.10	182.21	-268.20	324.24	0.00	0.00	0.00
2,400.00	27.81	304.19	2,330.55	208.43	-306.79	370.89	0.00	0.00	0.00
2,500.00	27.81	304.19	2,419.00	234.64	-345.38	417.55	0.00	0.00	0.00
2,600.00	27.81	304.19	2,507.45	260.86	-383.97	464.20	0.00	0.00	0.00
2,700.00	27.81	304.19	2,595.90	287.08	-422.56	510.85	0.00	0.00	0.00
2,800.00	27.81	304.19	2,684.35	313.30	-461.15	557.51	0.00	0.00	0.00
<b>WASATCH</b>									
2,895.71	27.81	304.19	2,769.00	338.39	-498.09	602.16	0.00	0.00	0.00
2,900.00	27.81	304.19	2,772.80	339.52	-499.74	604.16	0.00	0.00	0.00
3,000.00	27.81	304.19	2,861.24	365.73	-538.33	650.82	0.00	0.00	0.00
3,100.00	27.81	304.19	2,949.69	391.95	-576.92	697.47	0.00	0.00	0.00
3,200.00	27.81	304.19	3,038.14	418.17	-615.51	744.13	0.00	0.00	0.00
3,300.00	27.81	304.19	3,126.59	444.39	-654.10	790.78	0.00	0.00	0.00
3,400.00	27.81	304.19	3,215.04	470.60	-692.70	837.43	0.00	0.00	0.00
<b>Start Drop -2.00</b>									
3,408.38	27.81	304.19	3,222.45	472.80	-695.93	841.34	0.00	0.00	0.00
3,500.00	25.98	304.19	3,304.16	496.09	-730.21	882.78	2.00	-2.00	0.00
3,600.00	23.98	304.19	3,394.81	519.82	-765.13	925.01	2.00	-2.00	0.00
3,700.00	21.98	304.19	3,486.87	541.75	-797.42	964.04	2.00	-2.00	0.00
3,800.00	19.98	304.19	3,580.24	561.87	-827.03	999.84	2.00	-2.00	0.00
3,900.00	17.98	304.19	3,674.80	580.15	-853.93	1,032.36	2.00	-2.00	0.00
4,000.00	15.98	304.19	3,770.43	596.55	-878.08	1,061.56	2.00	-2.00	0.00
4,100.00	13.98	304.19	3,867.03	611.08	-899.46	1,087.40	2.00	-2.00	0.00
4,200.00	11.98	304.19	3,964.47	623.70	-918.03	1,109.86	2.00	-2.00	0.00
4,300.00	9.98	304.19	4,062.64	634.40	-933.79	1,128.90	2.00	-2.00	0.00
4,400.00	7.98	304.19	4,161.41	643.17	-946.69	1,144.50	2.00	-2.00	0.00



Database: EDM 2003.21 Single User Db  
 Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT 16-35 PAD  
 Well: PETERS POINT 10-35D-12-16  
 Wellbore: PETERS POINT 10-35D-12-16  
 Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT 10-35D-12-16  
 TVD Reference: WELL @ 6799.00ft (Original Well Elev)  
 MD Reference: WELL @ 6799.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

Planned 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)
4,500.00	5.98	304.19	4,260.66	649.99	-956.74	1,156.65	2.00	-2.00	0.00
4,600.00	3.98	304.19	4,360.28	654.87	-963.92	1,165.33	2.00	-2.00	0.00
4,700.00	1.98	304.19	4,460.14	657.79	-968.21	1,170.52	2.00	-2.00	0.00
<b>Start 2415.00 hold at 4798.88 MD - NORTH HORN</b>									
4,798.88	0.00	0.00	4,559.00	658.75	-969.62	1,172.23	2.00	-2.00	56.44
4,800.00	0.00	0.00	4,560.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
4,900.00	0.00	0.00	4,660.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,000.00	0.00	0.00	4,760.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,100.00	0.00	0.00	4,860.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,200.00	0.00	0.00	4,960.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,300.00	0.00	0.00	5,060.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,400.00	0.00	0.00	5,160.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,500.00	0.00	0.00	5,260.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,600.00	0.00	0.00	5,360.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,700.00	0.00	0.00	5,460.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,800.00	0.00	0.00	5,560.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
5,900.00	0.00	0.00	5,660.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,000.00	0.00	0.00	5,760.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,100.00	0.00	0.00	5,860.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,200.00	0.00	0.00	5,960.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,300.00	0.00	0.00	6,060.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
<b>DARK CANYON</b>									
6,388.88	0.00	0.00	6,149.00	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,400.00	0.00	0.00	6,160.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,500.00	0.00	0.00	6,260.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
<b>PRICE RIVER</b>									
6,578.88	0.00	0.00	6,339.00	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,600.00	0.00	0.00	6,360.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,700.00	0.00	0.00	6,460.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,800.00	0.00	0.00	6,560.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
6,900.00	0.00	0.00	6,660.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
7,000.00	0.00	0.00	6,760.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
7,100.00	0.00	0.00	6,860.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
7,200.00	0.00	0.00	6,960.12	658.75	-969.62	1,172.23	0.00	0.00	0.00
<b>PBHL 10-35D-12-16</b>									
7,213.88	0.00	0.00	6,974.00	658.75	-969.62	1,172.23	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL 10-35D-12-16	0.00	0.00	6,974.00	658.75	-969.62	511,302.76	2,397,011.27	39° 43' 42.740 N	110° 5' 18.020 W
- hit/miss target									
- Shape									
- plan hits target center									
- Circle (radius 100.00)									



**Weatherford International Ltd.**  
Planning Report



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT 10-35D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Site:</b>	PETERS POINT 16-35 PAD	<b>North Reference:</b>	True
<b>Well:</b>	PETERS POINT 10-35D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PETERS POINT 10-35D-12-16		
<b>Design:</b>	Design #1		

**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,000.00	1,000.00	9 5/8"	9-5/8	12-1/4

**Formations**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,895.71	2,769.00	WASATCH		0.00	
4,798.88	4,559.00	NORTH HORN		0.00	
6,388.88	6,149.00	DARK CANYON		0.00	
6,578.88	6,339.00	PRICE RIVER		0.00	

**Plan Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,060.00	1,060.00	0.00	0.00	Start Build 2.50
2,172.40	2,129.24	148.76	-218.96	Start 1235.97 hold at 2172.40 MD
3,406.38	3,222.48	472.80	-695.93	Start Drop -2.00
4,798.88	4,559.00	658.75	-969.62	Start 2415.00 hold at 4798.88 MD
7,213.88	6,974.00	658.75	-969.62	TD at 7213.88



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)  
PETERS POINT 16-35 PAD  
PETERS POINT 10-35D-12-16**

**PETERS POINT 10-35D-12-16  
Design #1**

# **Anticollision Report**

04 November, 2008



**Weatherford®**



**Weatherford International Ltd.**  
Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

<b>Reference</b>	Design #1
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria
<b>Interpolation Method:</b>	Stations
<b>Depth Range:</b>	Unlimited
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.00ft
<b>Warning Levels Evaluated at:</b>	2.00 Sigma
<b>Error Model:</b>	ISCWSA
<b>Scan Method:</b>	Closest Approach 3D
<b>Error Surface:</b>	Elliptical Conic

<b>Survey Tool Program</b>	Date	11/4/2008
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>
0.00	7,213.88	Design #1 (PETERS POINT 10-35D-12-16)
		<b>Tool Name</b>
		MWD
		<b>Description</b>
		MWD - Standard

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
PETERS POINT 16-35 PAD						
PETERS POINT 15-35D-12-16 - PETERS POINT 15-35D-12-16	1,074.68	1,074.64	7.81	3.25	1.712	CC
PETERS POINT 15-35D-12-16 - PETERS POINT 15-35D-12-16	1,100.00	1,099.88	7.82	3.15	1.675	ES, SF
PETERS POINT 9-35D-12-16 - PETERS POINT 9-35D-12-16	1,060.00	1,060.00	7.88	3.38	1.750	CC, ES, SF

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis		Azimuth from North (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
0.00	0.00	0.00	0.00	0.00	0.00	-89.87	0.02	-7.81	7.81					
100.00	100.00	100.00	100.00	0.09	0.09	-89.87	0.02	-7.81	7.81	7.63	0.19	41.883		
178.87	178.87	178.87	178.87	0.27	0.27	-89.87	0.02	-7.81	7.81	7.27	0.54	14.440		
200.00	200.00	200.00	200.00	0.32	0.32	-89.87	0.02	-7.81	7.81	7.18	0.64	12.284		
278.87	278.87	278.87	278.87	0.50	0.50	-89.87	0.02	-7.81	7.81	6.82	0.99	7.887		
300.00	300.00	300.00	300.00	0.54	0.54	-89.87	0.02	-7.81	7.81	6.73	1.09	7.197		
378.87	378.87	378.87	378.87	0.72	0.72	-89.87	0.02	-7.81	7.81	6.37	1.44	5.425		
400.00	400.00	400.00	400.00	0.77	0.77	-89.87	0.02	-7.81	7.81	6.28	1.54	5.090		
478.87	478.87	478.87	478.87	0.94	0.94	-89.87	0.02	-7.81	7.81	5.92	1.89	4.135		
500.00	500.00	500.00	500.00	0.99	0.99	-89.87	0.02	-7.81	7.81	5.83	1.98	3.937		
578.87	578.87	578.87	578.87	1.17	1.17	-89.87	0.02	-7.81	7.81	5.47	2.34	3.340		
600.00	600.00	600.00	600.00	1.22	1.22	-89.87	0.02	-7.81	7.81	5.38	2.43	3.210		
678.87	678.87	678.87	678.87	1.39	1.39	-89.87	0.02	-7.81	7.81	5.02	2.79	2.802		
700.00	700.00	700.00	700.00	1.44	1.44	-89.87	0.02	-7.81	7.81	4.93	2.88	2.709		
778.87	778.87	778.87	778.87	1.62	1.62	-89.87	0.02	-7.81	7.81	4.58	3.24	2.413		
800.00	800.00	800.00	800.00	1.67	1.67	-89.87	0.02	-7.81	7.81	4.48	3.33	2.344		
878.87	878.87	878.87	878.87	1.84	1.84	-89.87	0.02	-7.81	7.81	4.13	3.69	2.119		
900.00	900.00	900.00	900.00	1.89	1.89	-89.87	0.02	-7.81	7.81	4.03	3.78	2.066		
978.87	978.87	978.87	978.87	2.07	2.07	-89.87	0.02	-7.81	7.81	3.68	4.14	1.889		
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	-89.87	0.02	-7.81	7.81	3.58	4.23	1.846		
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	-89.87	0.02	-7.81	7.81	3.31	4.50	1.736		
1,074.68	1,074.68	1,074.64	1,074.64	2.28	2.28	-90.26	-0.01	-7.85	7.81	3.25	4.56	1.712	CC	
1,100.00	1,100.00	1,099.88	1,099.88	2.34	2.33	-92.75	-0.18	-8.10	7.82	3.15	4.67	1.675	ES, SF	
1,200.00	1,199.91	1,199.44	1,199.36	2.56	2.52	-121.61	-2.38	-11.31	9.14	4.08	5.07	1.805		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



# Weatherford International Ltd.

## Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at**  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Offset Design PETERS POINT 16-35 PAD - PETERS POINT 15-35D-12-16 - PETERS POINT 15-35D-12-16 - Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance		Minimum Separation		Separation Factor		Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
1,300.00	1,299.56	1,298.50	1,298.07	2.78	2.72	-151.44	-7.00	-18.04	16.07	10.58	5.49	2.925			
1,400.00	1,398.75	1,396.71	1,395.50	3.03	2.93	-165.35	-13.95	-28.17	29.23	23.27	5.95	4.909			
1,500.00	1,497.30	1,493.75	1,491.17	3.30	3.19	-171.83	-23.14	-41.55	47.68	41.22	6.46	7.385			
1,600.00	1,595.02	1,589.31	1,584.61	3.63	3.48	-175.42	-34.42	-57.98	70.99	63.98	7.02	10.114			
1,700.00	1,691.71	1,683.11	1,675.46	4.01	3.83	-177.78	-47.62	-77.22	98.93	91.27	7.66	12.918			
1,800.00	1,787.21	1,774.91	1,763.37	4.47	4.24	-179.54	-62.57	-99.00	131.31	122.93	8.39	15.656			
1,900.00	1,881.32	1,864.49	1,848.07	5.01	4.71	179.00	-79.07	-123.04	167.96	158.75	9.21	18.230			
2,000.00	1,973.87	1,951.69	1,929.37	5.65	5.23	177.70	-96.92	-149.03	208.70	198.56	10.14	20.577			
2,100.00	2,064.67	2,036.37	2,007.10	6.38	5.80	176.48	-115.91	-176.70	253.35	242.17	11.18	22.663			
2,172.40	2,129.24	2,096.03	2,061.11	6.97	6.23	175.63	-130.26	-197.61	288.01	276.02	11.99	24.026			
2,200.00	2,153.65	2,118.45	2,081.22	7.21	6.41	175.33	-135.86	-205.77	301.65	289.32	12.32	24.477			
2,300.00	2,242.10	2,198.71	2,152.43	8.10	7.07	174.62	-156.81	-236.28	352.12	338.55	13.57	25.946			
2,400.00	2,330.55	2,284.57	2,227.93	9.01	7.83	174.59	-179.95	-270.00	403.30	388.48	14.91	27.055			
2,500.00	2,419.00	2,370.43	2,303.42	9.93	8.61	174.56	-203.09	-303.71	454.65	438.37	16.26	27.929			
2,600.00	2,507.45	2,456.29	2,378.92	10.87	9.39	174.54	-226.23	-337.42	505.91	488.24	17.67	28.625			
2,700.00	2,595.90	2,542.15	2,454.42	11.82	10.19	174.52	-249.38	-371.14	557.17	538.09	19.09	29.188			
2,800.00	2,684.35	2,628.01	2,529.92	12.78	11.00	174.51	-272.52	-404.85	608.44	587.92	20.52	29.649			
2,900.00	2,772.80	2,713.87	2,605.41	13.74	11.81	174.50	-295.66	-438.57	659.70	637.73	21.97	30.031			
3,000.00	2,861.24	2,799.73	2,680.91	14.71	12.63	174.49	-318.80	-472.28	710.97	687.54	23.42	30.352			
3,100.00	2,949.69	2,885.59	2,756.41	15.69	13.45	174.48	-341.94	-506.00	762.23	737.34	24.89	30.623			
3,200.00	3,038.14	2,971.45	2,831.90	16.66	14.28	174.47	-365.09	-539.71	813.49	787.13	26.36	30.856			
3,300.00	3,126.59	3,057.31	2,907.40	17.64	15.11	174.47	-388.23	-573.43	864.76	836.91	27.84	31.056			
3,408.38	3,222.45	3,150.36	2,989.22	18.71	16.01	174.46	-413.31	-609.96	920.31	890.86	29.45	31.245			
3,500.00	3,304.16	3,229.40	3,058.71	19.51	16.77	174.52	-434.61	-641.00	966.65	935.82	30.83	31.357			
3,600.00	3,394.81	3,316.42	3,135.23	20.25	17.62	174.74	-458.07	-675.17	1,015.74	983.51	32.23	31.518			
3,700.00	3,486.87	3,420.66	3,227.44	20.94	18.51	175.43	-485.57	-715.24	1,062.76	1,029.12	33.64	31.597			
3,800.00	3,580.24	3,533.74	3,329.36	21.57	19.31	176.20	-513.29	-755.62	1,106.35	1,071.40	34.94	31.660			
3,900.00	3,674.80	3,650.39	3,436.43	22.15	20.09	176.92	-539.47	-793.76	1,146.29	1,110.10	36.19	31.674			
4,000.00	3,770.43	3,770.43	3,548.49	22.67	20.82	177.59	-563.82	-829.23	1,182.42	1,145.06	37.36	31.649			
4,100.00	3,867.03	3,893.65	3,665.28	23.14	21.51	178.19	-586.02	-861.58	1,214.57	1,176.13	38.44	31.595			
4,200.00	3,964.47	4,019.77	3,786.47	23.55	22.12	178.71	-605.79	-890.37	1,242.61	1,203.19	39.42	31.524			
4,300.00	4,062.64	4,148.49	3,911.60	23.90	22.67	179.15	-622.82	-915.20	1,266.40	1,226.12	40.28	31.438			
4,400.00	4,161.41	4,279.40	4,040.13	24.20	23.13	179.51	-636.87	-935.66	1,285.82	1,244.79	41.03	31.337			
4,500.00	4,260.66	4,412.10	4,171.43	24.45	23.52	179.77	-647.71	-951.45	1,300.77	1,259.12	41.66	31.226			
4,600.00	4,360.28	4,546.12	4,304.79	24.64	23.80	179.93	-655.15	-962.28	1,311.19	1,269.04	42.15	31.108			
4,700.00	4,460.14	4,680.96	4,439.44	24.79	24.01	179.99	-659.06	-967.98	1,317.01	1,274.49	42.52	30.976			
4,798.88	4,559.00	4,800.53	4,559.00	24.89	24.12	179.97	-659.68	-968.89	1,318.43	1,275.68	42.75	30.842			
4,800.00	4,560.12	4,801.65	4,560.12	24.89	24.12	179.97	-659.68	-968.89	1,318.43	1,275.68	42.75	30.840			
4,900.00	4,660.12	4,901.65	4,660.12	24.97	24.21	179.97	-659.68	-968.89	1,318.43	1,275.49	42.94	30.701			
5,000.00	4,760.12	5,001.65	4,760.12	25.06	24.29	179.97	-659.68	-968.89	1,318.43	1,275.29	43.14	30.560			
5,100.00	4,860.12	5,101.65	4,860.12	25.15	24.38	179.97	-659.68	-968.89	1,318.43	1,275.09	43.34	30.417			
5,200.00	4,960.12	5,201.65	4,960.12	25.24	24.47	179.97	-659.68	-968.89	1,318.43	1,274.88	43.55	30.274			
5,300.00	5,060.12	5,301.65	5,060.12	25.33	24.56	179.97	-659.68	-968.89	1,318.43	1,274.67	43.76	30.129			
5,400.00	5,160.12	5,401.65	5,160.12	25.43	24.66	179.97	-659.68	-968.89	1,318.43	1,274.46	43.97	29.983			
5,500.00	5,260.12	5,501.65	5,260.12	25.52	24.75	179.97	-659.68	-968.89	1,318.43	1,274.24	44.19	29.836			
5,600.00	5,360.12	5,601.65	5,360.12	25.62	24.85	179.97	-659.68	-968.89	1,318.43	1,274.02	44.41	29.688			
5,700.00	5,460.12	5,701.65	5,460.12	25.72	24.95	179.97	-659.68	-968.89	1,318.43	1,273.80	44.63	29.539			
5,800.00	5,560.12	5,801.65	5,560.12	25.82	25.05	179.97	-659.68	-968.89	1,318.43	1,273.57	44.86	29.390			
5,900.00	5,660.12	5,901.65	5,660.12	25.92	25.15	179.97	-659.68	-968.89	1,318.43	1,273.34	45.09	29.240			
6,000.00	5,760.12	6,001.65	5,760.12	26.03	25.25	179.97	-659.68	-968.89	1,318.43	1,273.11	45.32	29.089			
6,100.00	5,860.12	6,101.65	5,860.12	26.13	25.36	179.97	-659.68	-968.89	1,318.43	1,272.87	45.56	28.938			
6,200.00	5,960.12	6,201.65	5,960.12	26.24	25.46	179.97	-659.68	-968.89	1,318.43	1,272.63	45.80	28.787			

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: PETERS POINT 16-35 PAD  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT 10-35D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PETERS POINT 10-35D-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT 10-35D-12-16  
 TVD Reference: WELL @ 6799.00ft (Original Well Elev)  
 MD Reference: WELL @ 6799.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: EDM 2003.21 Single User Db  
 Offset TVD Reference: Reference Datum

Offset Design														Offset Site Error:
Survey Program: 0-MWD														Offset Well Error:
Reference														
Offset				Semi Major Axis				Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Azimuth from North	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)			
6,300.00	6,060.12	6,301.65	6,060.12	26.35	25.57	179.97	-659.68	-968.89	1,318.43	1,272.39	46.04	28.635		
6,400.00	6,160.12	6,401.65	6,160.12	26.46	25.68	179.97	-659.68	-968.89	1,318.43	1,272.14	46.29	28.482		
6,500.00	6,260.12	6,501.65	6,260.12	26.57	25.79	179.97	-659.68	-968.89	1,318.43	1,271.89	46.54	28.330		
6,600.00	6,360.12	6,601.65	6,360.12	26.68	25.90	179.97	-659.68	-968.89	1,318.43	1,271.64	46.79	28.177		
6,700.00	6,460.12	6,701.65	6,460.12	26.79	26.02	179.97	-659.68	-968.89	1,318.43	1,271.38	47.05	28.025		
6,800.00	6,560.12	6,801.65	6,560.12	26.91	26.13	179.97	-659.68	-968.89	1,318.43	1,271.13	47.30	27.872		
6,900.00	6,660.12	6,901.65	6,660.12	27.03	26.25	179.97	-659.68	-968.89	1,318.43	1,270.87	47.56	27.719		
7,000.00	6,760.12	7,001.65	6,760.12	27.14	26.37	179.97	-659.68	-968.89	1,318.43	1,270.60	47.83	27.566		
7,100.00	6,860.12	7,101.65	6,860.12	27.26	26.49	179.97	-659.68	-968.89	1,318.43	1,270.34	48.09	27.413		
7,143.39	6,903.50	7,145.04	6,903.50	27.32	26.54	179.97	-659.68	-968.89	1,318.43	1,270.22	48.21	27.347		
7,200.00	6,960.12	7,160.53	6,919.00	27.38	26.56	179.97	-659.68	-968.89	1,319.07	1,270.76	48.31	27.305		
7,213.88	6,974.00	7,160.53	6,919.00	27.40	26.56	179.97	-659.68	-968.89	1,319.58	1,271.25	48.33	27.305		



**Weatherford International Ltd.**  
Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Offset Design PETERS POINT 16-35 PAD - PETERS POINT 9-35D-12-16 - PETERS POINT 9-35D-12-16 - Design #1													Offset Site Error:	0.00ft
Survey Program: 0-MWD													Offset Well Error:	0.00ft
Reference		Offset		Semi Major Axis		Azimuth from North (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
0.00	0.00	0.00	0.00	0.00	0.00	97.35	-1.01	7.81	7.88					
100.00	100.00	100.00	100.00	0.09	0.09	97.35	-1.01	7.81	7.88	7.69	0.19	42.229		
178.87	178.87	178.87	178.87	0.27	0.27	97.35	-1.01	7.81	7.88	7.34	0.54	14.560		
200.00	200.00	200.00	200.00	0.32	0.32	97.35	-1.01	7.81	7.88	7.24	0.64	12.385		
278.87	278.87	278.87	278.87	0.50	0.50	97.35	-1.01	7.81	7.88	6.89	0.99	7.953		
300.00	300.00	300.00	300.00	0.54	0.54	97.35	-1.01	7.81	7.88	6.79	1.09	7.257		
378.87	378.87	378.87	378.87	0.72	0.72	97.35	-1.01	7.81	7.88	6.44	1.44	5.470		
400.00	400.00	400.00	400.00	0.77	0.77	97.35	-1.01	7.81	7.88	6.34	1.54	5.132		
478.87	478.87	478.87	478.87	0.94	0.94	97.35	-1.01	7.81	7.88	5.99	1.89	4.169		
500.00	500.00	500.00	500.00	0.99	0.99	97.35	-1.01	7.81	7.88	5.89	1.98	3.969		
578.87	578.87	578.87	578.87	1.17	1.17	97.35	-1.01	7.81	7.88	5.54	2.34	3.368		
600.00	600.00	600.00	600.00	1.22	1.22	97.35	-1.01	7.81	7.88	5.44	2.43	3.236		
678.87	678.87	678.87	678.87	1.39	1.39	97.35	-1.01	7.81	7.88	5.09	2.79	2.825		
700.00	700.00	700.00	700.00	1.44	1.44	97.35	-1.01	7.81	7.88	4.99	2.88	2.732		
778.87	778.87	778.87	778.87	1.62	1.62	97.35	-1.01	7.81	7.88	4.64	3.24	2.433		
800.00	800.00	800.00	800.00	1.67	1.67	97.35	-1.01	7.81	7.88	4.54	3.33	2.363		
878.87	878.87	878.87	878.87	1.84	1.84	97.35	-1.01	7.81	7.88	4.19	3.69	2.136		
900.00	900.00	900.00	900.00	1.89	1.89	97.35	-1.01	7.81	7.88	4.10	3.78	2.083		
978.87	978.87	978.87	978.87	2.07	2.07	97.35	-1.01	7.81	7.88	3.74	4.14	1.904		
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	97.35	-1.01	7.81	7.88	3.65	4.23	1.861		
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	97.35	-1.01	7.81	7.88	3.38	4.50	1.750 CC, ES, SF		
1,100.00	1,100.00	1,099.96	1,099.96	2.34	2.34	96.63	-0.76	7.94	8.29	3.61	4.68	1.772		
1,200.00	1,199.91	1,199.69	1,199.63	2.56	2.56	91.78	2.00	9.41	12.96	7.85	5.11	2.536		
1,300.00	1,299.56	1,298.89	1,298.61	2.78	2.78	88.18	7.78	12.49	22.90	17.36	5.55	4.130		
1,400.00	1,398.75	1,397.18	1,396.40	3.03	3.02	86.46	16.49	17.12	38.09	32.10	5.99	6.359		
1,500.00	1,497.30	1,494.21	1,492.55	3.30	3.26	85.74	27.99	23.24	58.42	51.97	6.45	9.054		
1,600.00	1,595.02	1,589.65	1,586.64	3.63	3.52	85.52	42.10	30.74	83.79	76.85	6.94	12.067		
1,700.00	1,691.71	1,683.19	1,678.29	4.01	3.81	85.59	58.60	39.52	114.08	106.61	7.48	15.261		
1,800.00	1,787.21	1,774.55	1,767.17	4.47	4.13	85.85	77.26	49.45	149.15	141.09	8.06	18.512		
1,900.00	1,881.32	1,865.03	1,854.57	5.01	4.48	86.21	97.90	60.42	188.65	179.96	8.70	21.694		
2,000.00	1,973.87	1,955.41	1,941.79	5.65	4.86	87.00	118.83	71.55	231.33	221.96	9.38	24.664		
2,100.00	2,064.67	2,044.22	2,027.49	6.38	5.25	88.11	139.39	82.49	277.01	266.90	10.11	27.405		
2,172.40	2,129.24	2,107.45	2,088.51	6.97	5.53	89.02	154.03	90.28	311.95	301.30	10.66	29.276		
2,200.00	2,153.65	2,131.37	2,111.59	7.21	5.64	89.37	159.57	93.23	325.58	314.69	10.89	29.909		
2,300.00	2,242.10	2,218.04	2,195.22	8.10	6.04	90.40	179.64	103.90	375.05	363.31	11.73	31.967		
2,400.00	2,330.55	2,304.71	2,278.86	9.01	6.45	91.19	199.70	114.57	424.61	412.01	12.60	33.691		
2,500.00	2,419.00	2,391.38	2,362.50	9.93	6.87	91.81	219.77	125.25	474.24	460.75	13.49	35.148		
2,600.00	2,507.45	2,478.05	2,446.14	10.87	7.29	92.32	239.84	135.92	523.92	509.52	14.40	36.389		
2,700.00	2,595.90	2,564.73	2,529.78	11.82	7.71	92.73	259.91	146.60	573.63	558.31	15.31	37.457		
2,800.00	2,684.35	2,651.40	2,613.41	12.78	8.14	93.08	279.98	157.27	623.37	607.13	16.24	38.383		
2,900.00	2,772.80	2,738.07	2,697.05	13.74	8.58	93.38	300.04	167.95	673.13	655.95	17.18	39.191		
3,000.00	2,861.24	2,824.74	2,780.69	14.71	9.01	93.64	320.11	178.62	722.90	704.79	18.12	39.902		
3,100.00	2,949.69	2,911.41	2,864.33	15.69	9.45	93.87	340.18	189.29	772.69	753.63	19.06	40.530		
3,200.00	3,038.14	2,998.08	2,947.97	16.66	9.89	94.06	360.25	199.97	822.49	802.48	20.02	41.090		
3,300.00	3,126.59	3,084.76	3,031.60	17.64	10.33	94.24	380.32	210.64	872.30	851.33	20.97	41.589		
3,408.38	3,222.45	3,178.69	3,122.25	18.71	10.81	94.41	402.07	222.21	926.30	904.28	22.02	42.074		
3,500.00	3,304.16	3,258.71	3,199.47	19.51	11.22	94.49	420.59	232.07	970.89	947.98	22.92	42.366		
3,600.00	3,394.81	3,347.37	3,285.03	20.25	11.68	94.46	441.12	242.99	1,017.13	993.27	23.86	42.627		
3,700.00	3,486.87	3,437.31	3,371.82	20.94	12.14	94.34	461.95	254.06	1,060.77	1,035.97	24.80	42.774		
3,800.00	3,580.24	3,528.42	3,459.74	21.57	12.61	94.13	483.04	265.28	1,101.77	1,076.04	25.73	42.825		
3,900.00	3,674.80	3,620.59	3,548.68	22.15	13.09	93.83	504.38	276.64	1,140.10	1,113.46	26.64	42.796		
4,000.00	3,770.43	3,713.71	3,638.54	22.67	13.57	93.46	525.94	288.10	1,175.74	1,148.21	27.54	42.700		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

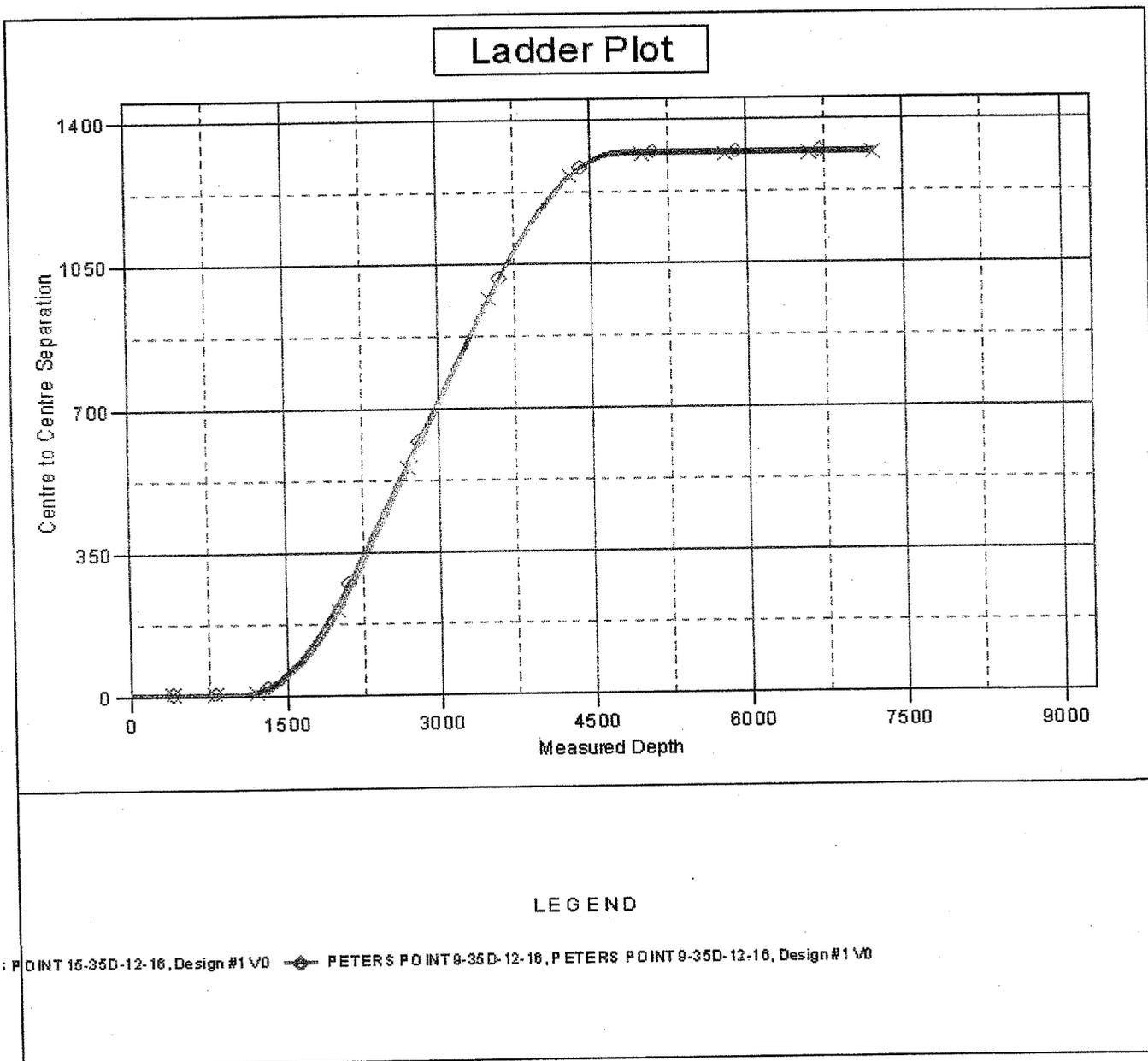
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Offset Design														Offset Site Error:
Survey Program: 0-MWD														Offset Well Error:
Reference														Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Semi Major Axis		Azimuth	Offset Wellbore Centre		Distance		Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	Reference (ft)	Offset (ft)	from North (°)	+N/S (ft)	+E/W (ft)	Between Centres (ft)	Between Ellipses (ft)	(ft)			
4,100.00	3,867.03	3,807.65	3,729.20	23.14	14.06	93.03	547.70	299.67	1,208.69	1,180.28	28.41	42.547		
4,200.00	3,964.47	3,907.93	3,826.00	23.55	14.56	92.46	570.79	311.96	1,238.89	1,209.62	29.27	42.330		
4,300.00	4,062.64	4,027.16	3,941.97	23.90	15.01	91.78	595.23	324.95	1,265.12	1,235.06	30.06	42.088		
4,400.00	4,161.41	4,149.03	4,061.59	24.20	15.42	91.22	615.78	335.89	1,286.75	1,255.99	30.76	41.836		
4,500.00	4,260.66	4,273.08	4,184.25	24.45	15.78	90.79	632.07	344.55	1,303.66	1,272.30	31.36	41.575		
4,600.00	4,360.28	4,398.80	4,309.25	24.64	16.09	90.48	643.79	350.78	1,315.74	1,283.89	31.85	41.310		
4,700.00	4,460.14	4,525.63	4,435.83	24.79	16.32	90.31	650.68	354.45	1,322.91	1,290.68	32.23	41.052		
4,798.88	4,559.00	4,648.83	4,559.00	24.89	16.49	90.26	652.66	355.50	1,325.14	1,292.65	32.49	40.789		
4,800.00	4,560.12	4,649.95	4,560.12	24.89	16.49	90.26	652.66	355.50	1,325.14	1,292.65	32.49	40.786		
4,900.00	4,660.12	4,749.95	4,660.12	24.97	16.62	90.26	652.66	355.50	1,325.14	1,292.40	32.74	40.474		
5,000.00	4,760.12	4,849.95	4,760.12	25.06	16.75	90.26	652.66	355.50	1,325.14	1,292.14	33.00	40.158		
5,100.00	4,860.12	4,949.95	4,860.12	25.15	16.88	90.26	652.66	355.50	1,325.14	1,291.88	33.26	39.842		
5,200.00	4,960.12	5,049.95	4,960.12	25.24	17.01	90.26	652.66	355.50	1,325.14	1,291.62	33.53	39.526		
5,300.00	5,060.12	5,149.95	5,060.12	25.33	17.15	90.26	652.66	355.50	1,325.14	1,291.35	33.80	39.210		
5,400.00	5,160.12	5,249.95	5,160.12	25.43	17.29	90.26	652.66	355.50	1,325.14	1,291.07	34.07	38.896		
5,500.00	5,260.12	5,349.95	5,260.12	25.52	17.43	90.26	652.66	355.50	1,325.14	1,290.80	34.35	38.582		
5,600.00	5,360.12	5,449.95	5,360.12	25.62	17.57	90.26	652.66	355.50	1,325.14	1,290.52	34.63	38.269		
5,700.00	5,460.12	5,549.95	5,460.12	25.72	17.71	90.26	652.66	355.50	1,325.14	1,290.23	34.91	37.957		
5,800.00	5,560.12	5,649.95	5,560.12	25.82	17.86	90.26	652.66	355.50	1,325.14	1,289.94	35.20	37.647		
5,900.00	5,660.12	5,749.95	5,660.12	25.92	18.00	90.26	652.66	355.50	1,325.14	1,289.65	35.49	37.338		
6,000.00	5,760.12	5,849.95	5,760.12	26.03	18.15	90.26	652.66	355.50	1,325.14	1,289.36	35.78	37.031		
6,100.00	5,860.12	5,949.95	5,860.12	26.13	18.30	90.26	652.66	355.50	1,325.14	1,289.06	36.08	36.726		
6,200.00	5,960.12	6,049.95	5,960.12	26.24	18.45	90.26	652.66	355.50	1,325.14	1,288.76	36.38	36.422		
6,300.00	6,060.12	6,149.95	6,060.12	26.35	18.61	90.26	652.66	355.50	1,325.14	1,288.46	36.69	36.121		
6,400.00	6,160.12	6,249.95	6,160.12	26.46	18.76	90.26	652.66	355.50	1,325.14	1,288.15	36.99	35.821		
6,500.00	6,260.12	6,349.95	6,260.12	26.57	18.92	90.26	652.66	355.50	1,325.14	1,287.84	37.30	35.524		
6,600.00	6,360.12	6,449.95	6,360.12	26.68	19.07	90.26	652.66	355.50	1,325.14	1,287.53	37.61	35.229		
6,700.00	6,460.12	6,549.95	6,460.12	26.79	19.23	90.26	652.66	355.50	1,325.14	1,287.21	37.93	34.937		
6,800.00	6,560.12	6,649.95	6,560.12	26.91	19.39	90.26	652.66	355.50	1,325.14	1,286.89	38.25	34.646		
6,900.00	6,660.12	6,749.95	6,660.12	27.03	19.55	90.26	652.66	355.50	1,325.14	1,286.57	38.57	34.359		
7,000.00	6,760.12	6,849.95	6,760.12	27.14	19.71	90.26	652.66	355.50	1,325.14	1,286.25	38.89	34.073		
7,100.00	6,860.12	6,949.95	6,860.12	27.26	19.88	90.26	652.66	355.50	1,325.14	1,285.93	39.22	33.791		
7,162.50	6,922.62	7,012.44	6,922.62	27.34	19.98	90.26	652.66	355.50	1,325.14	1,285.72	39.42	33.615		
7,200.00	6,960.12	7,038.83	6,949.00	27.38	20.02	90.26	652.66	355.50	1,325.19	1,285.66	39.52	33.528		
7,213.88	6,974.00	7,038.83	6,949.00	27.40	20.02	90.26	652.66	355.50	1,325.38	1,285.83	39.55	33.514		

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT 10-35D-12-16
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Reference Site:</b>	PETERS POINT 16-35 PAD	<b>MD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PETERS POINT 10-35D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore:</b>	PETERS POINT 10-35D-12-16	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Reference Datum

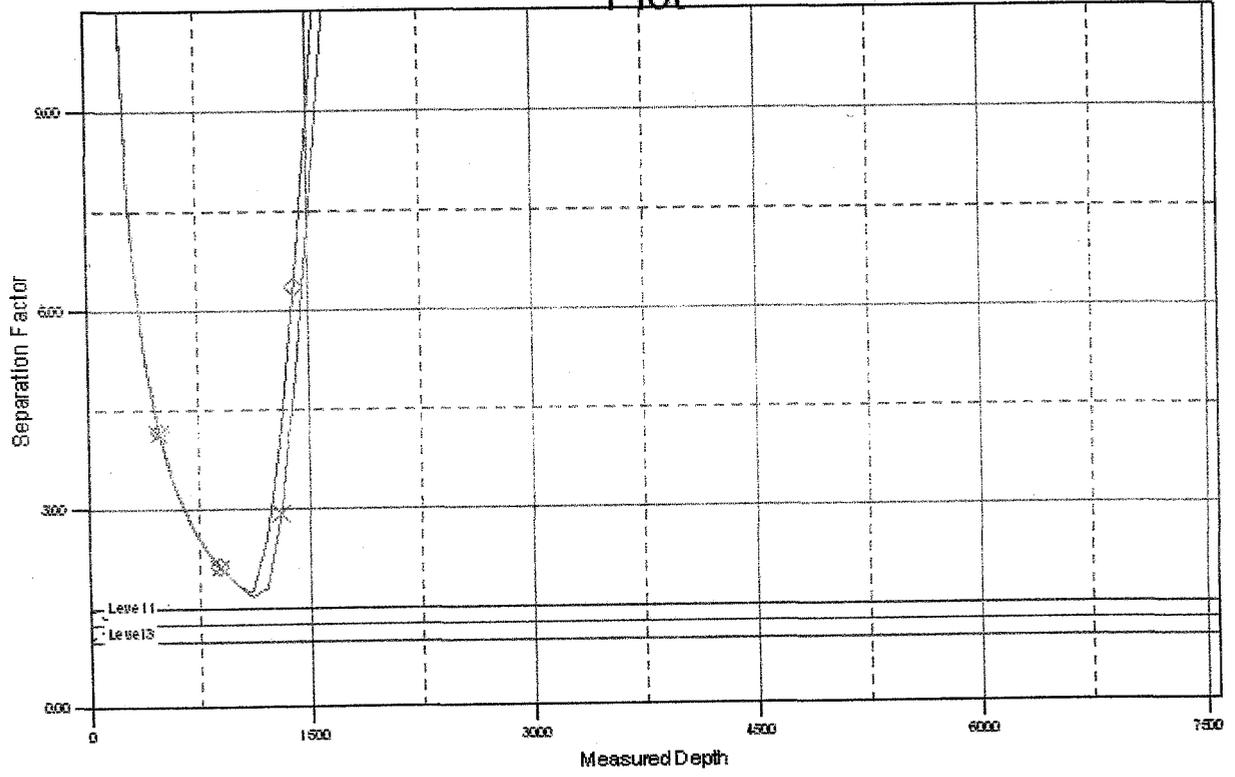
Reference Depths are relative to WELL @ 6799.00ft (Original Well Elev) Coordinates are relative to: PETERS POINT 10-35D-12-16  
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Central Meridian is 111° 30' 0.000 W ° Grid Convergence at Surface is: 0.91°



<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT 10-35D-12-16
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Reference Site:</b>	PETERS POINT 16-35 PAD	<b>MD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PETERS POINT 10-35D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore:</b>	PETERS POINT 10-35D-12-16	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Reference Datum

Reference Depths are relative to WELL @ 6799.00ft (Original Well Elev) Coordinates are relative to: PETERS POINT 10-35D-12-16  
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Central Meridian is 111° 30' 0.000 W ° Grid Convergence at Surface is: 0.91°

**Separation Factor Plot**



**LEGEND**

: POINT 16-35D-12-16, Design #1 VD ◆ PETERS POINT 10-35D-12-16, PETERS POINT 10-35D-12-16, Design #1 VD

## 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).

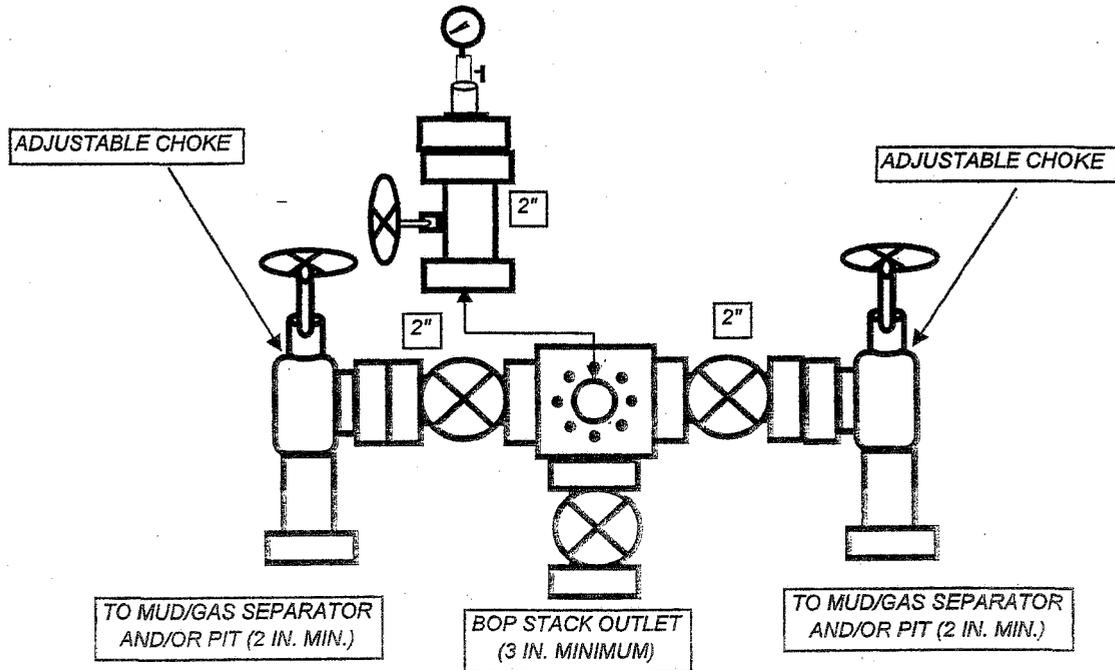
**F. Miscellaneous Information:**

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.

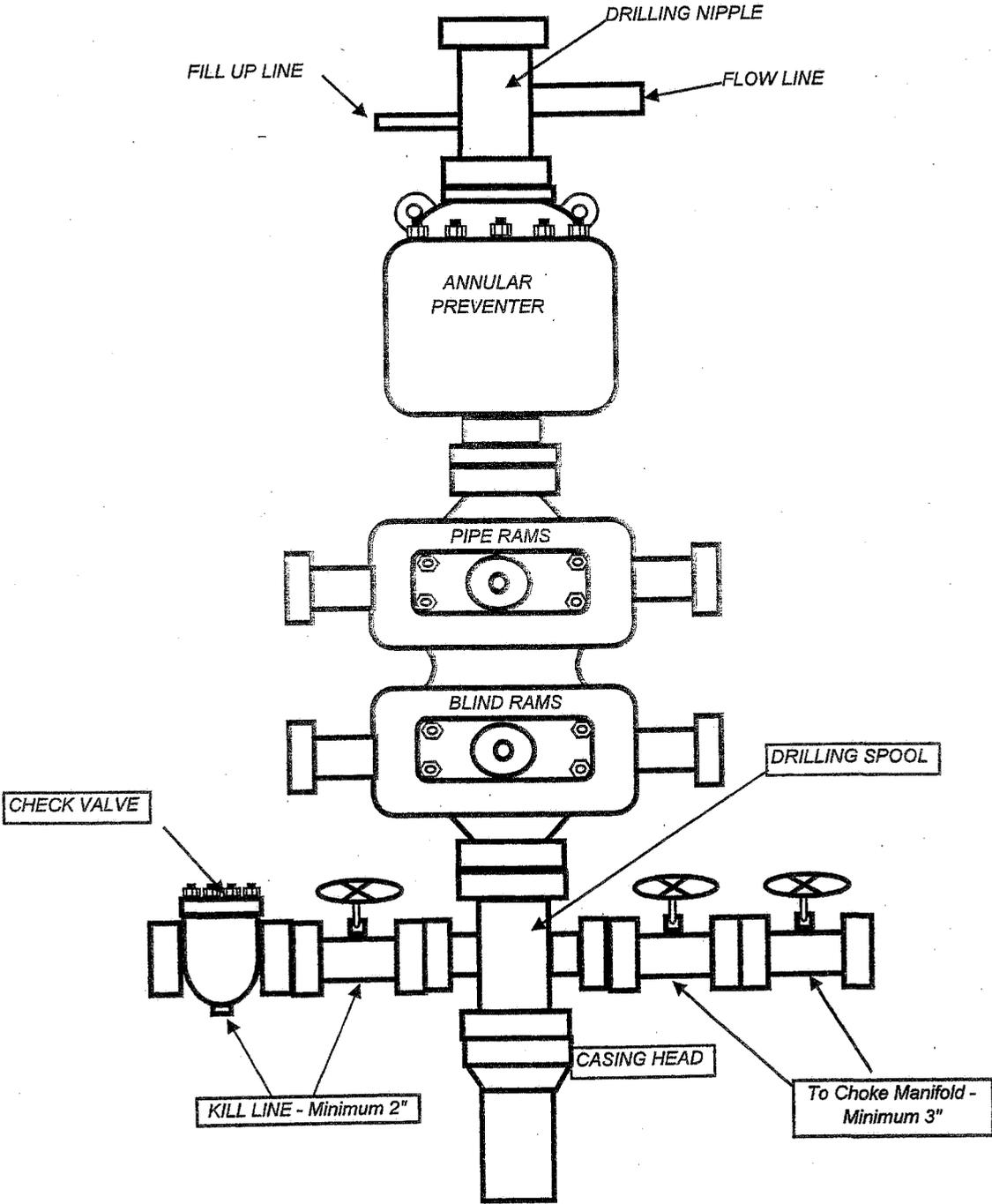
# BILL BARRETT CORPORATION

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



# BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



**BILL BARRETT CORPORATION**  
**PETERS POINT UNIT FEDERAL #9-35D-12-16,**  
**#10-35D-12-16 & #15-35D-12-16**  
**SECTION 35, T12S, R16E, S.L.B.&M.**

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 6.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.7 MILES.

# BILL BARRETT CORPORATION

PETER'S POINT UNIT FEDERAL #9-35D-12-16,

#10-35D-12-16 & #15-35D-12-16

LOCATED IN CARBON COUNTY, UTAH

SECTION 35, T12S, R16E, S.L.B.&M.

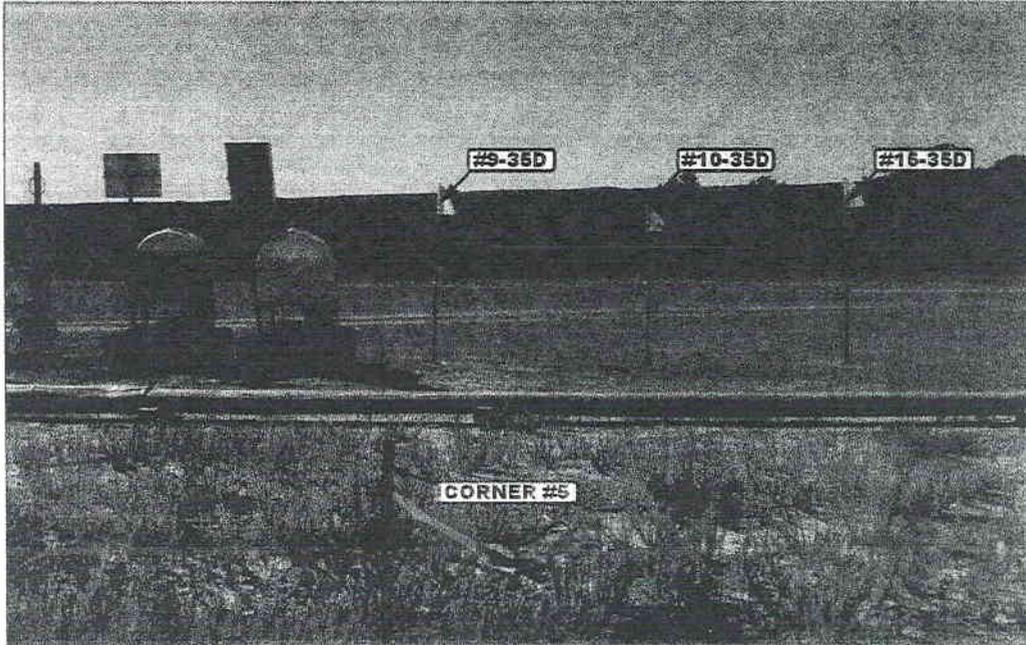


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHEASTERLY



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

LOCATION PHOTOS

10 | 17 | 08  
MONTH | DAY | YEAR

PHOTO

TAKEN BY: D.R.

DRAWN BY: J.H.

REVISED: 00-00-00

**BILL BARRETT CORPORATION**

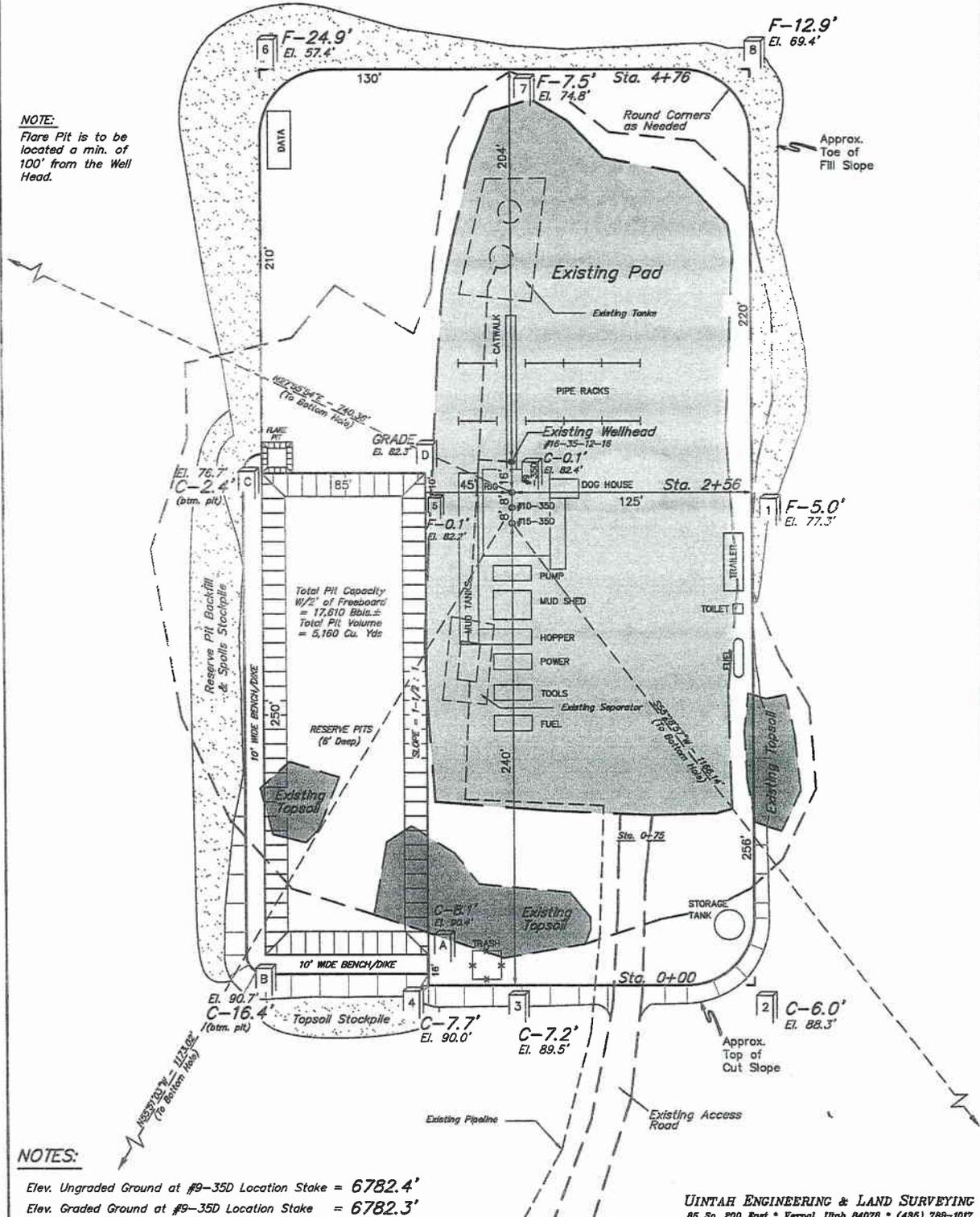
**FIGURE #1**

LOCATION LAYOUT FOR  
 PETER'S POINT UNIT FEDERAL #9-35D-12-16, #10-35D-12-16 & #15-35D-12-16  
 SECTION 35, T12S, R16E, S.L.B.&M.  
 NE 1/4 SE 1/4



SCALE: 1" = 50'  
 DATE: 10-15-08  
 Drawn By: C.C.

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



**NOTES:**

Elev. Ungraded Ground at #9-35D Location Stake = 6782.4'  
 Elev. Graded Ground at #9-35D Location Stake = 6782.3'

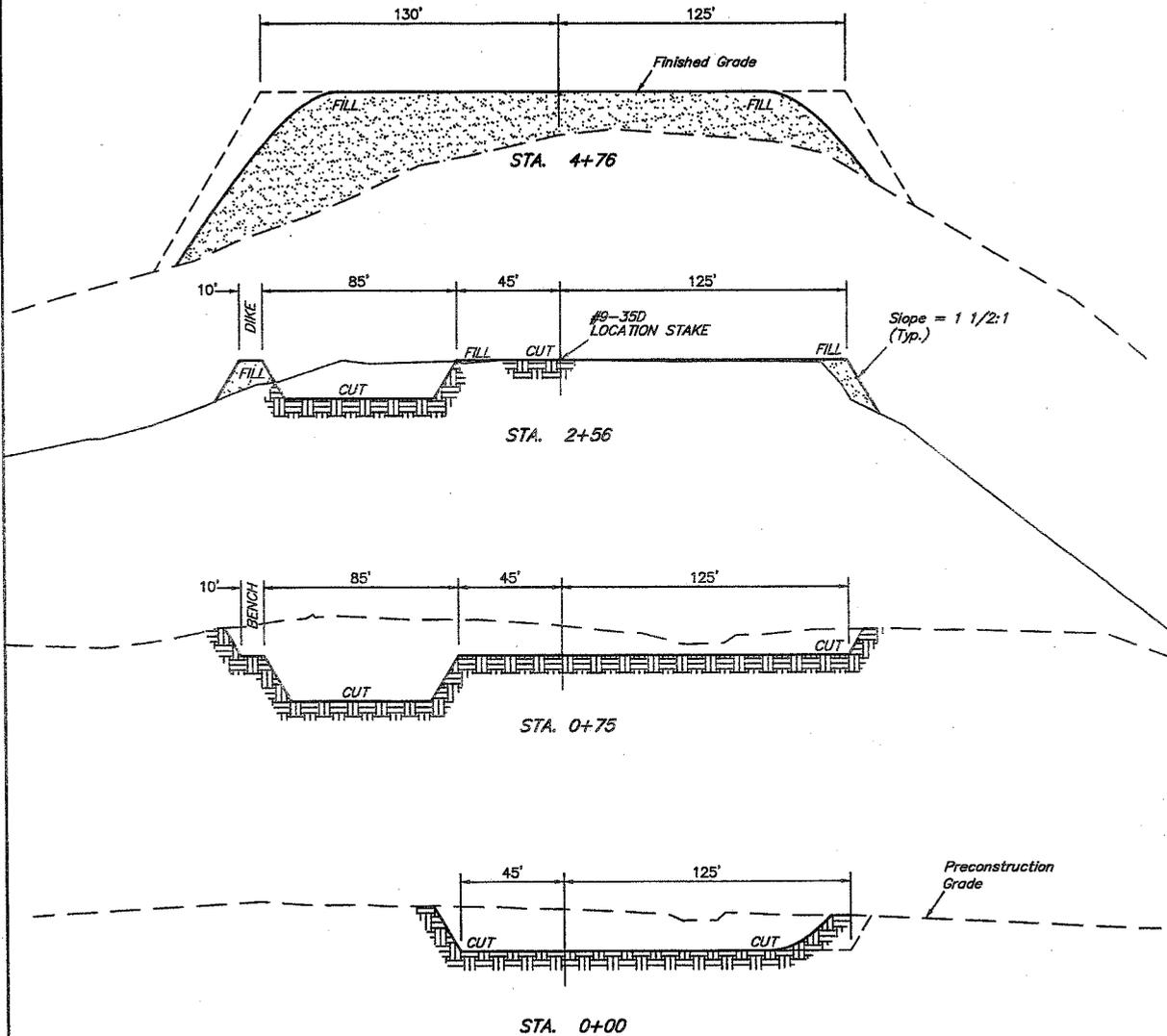
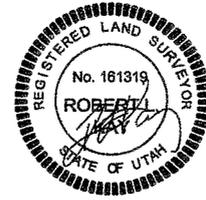
**BILL BARRETT CORPORATION**

**FIGURE #2**

**TYPICAL CROSS SECTIONS FOR**

**PETER'S POINT UNIT FEDERAL #9-35D-12-16, #10-35D-12-16 & #15-35D-12-16  
SECTION 35, T12S, R16E, S.L.B.&M.  
NE 1/4 SE 1/4**

1" = 20'  
X-Section Scale  
1" = 50'  
DATE: 10-15-08  
Drawn By: C.C.



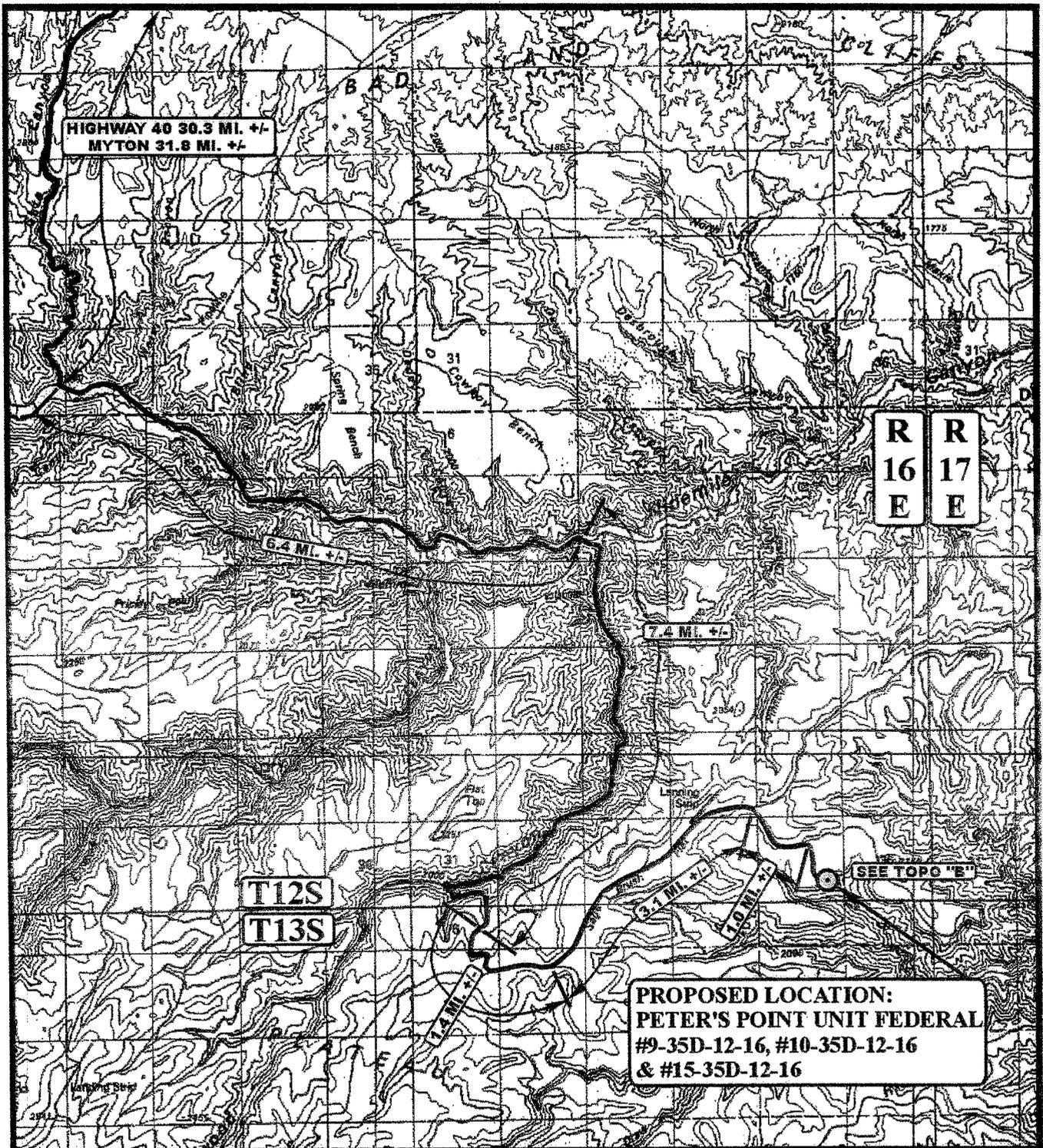
**APPROXIMATE ACREAGES**  
 EXISTING DISTURBANCE = ±2.563 ACRES  
 NEW DISTURBANCE = ±0.983 ACRES  
 TOTAL = ±3.546 ACRES

\* NOTE:  
 FILL QUANTITY INCLUDES  
 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(6") Topsoil Stripping = 1,310 Cu. Yds.  
 Remaining Location = 12,360 Cu. Yds.  
**TOTAL CUT = 13,670 CU.YDS.**  
**FILL = 14,250 CU.YDS.**

DEFICIT MATERIAL = <580> Cu. Yds.  
 Topsoil & Pit Backfill = 3,890 Cu. Yds.  
 (1/2 Pit Vol.)  
 DEFICIT UNBALANCE = <4,470> Cu. Yds.  
 (After Interim Rehabilitation)



**LEGEND:**

⊙ PROPOSED LOCATION



**BILL BARRETT CORPORATION**

PETER'S POINT UNIT FEDERAL  
 #9-35D-12-16, #10-35D-12-16 & #15-35D-12-16  
 SECTION 35, T12S, R16E, S.L.B.&M.  
 SE 1/4 SE 1/4

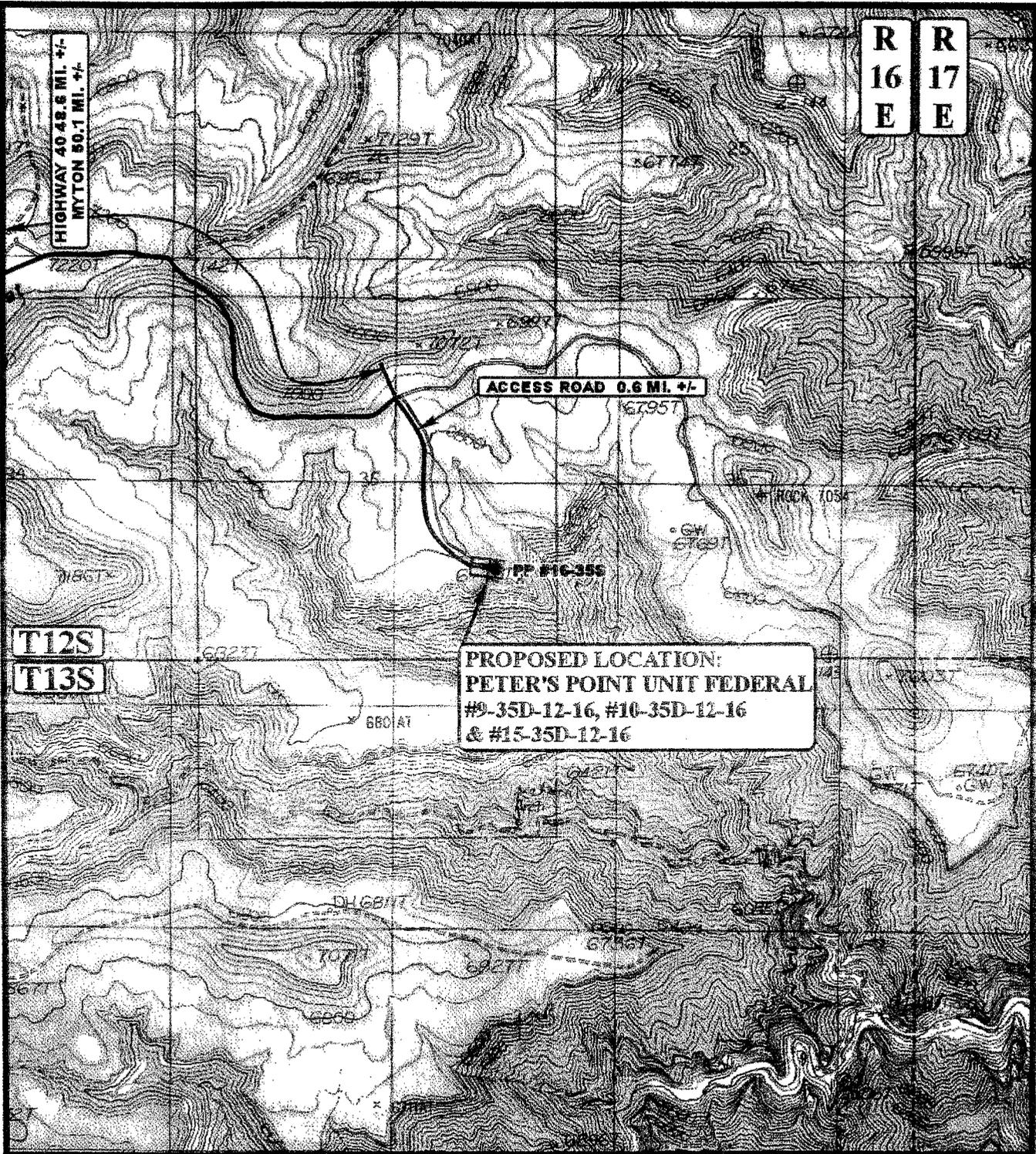


Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC 10 17 08  
 M A P MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.H. REVISED: 00-00-00





**LEGEND:**

EXISTING ROAD  
 Existing Pipeline

**BILL BARRETT CORPORATION**

PETER'S POINT UNIT FEDERAL  
 #9-35D-12-16, #10-35D-12-16 & #15-35D-12-16  
 SECTION 35, T12S, R16E, S.L.B.&M.  
 SE 1/4 SE 1/4



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

**TOPOGRAPHIC** 10 17 08  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00

**B**  
TOPO



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/05/2008

API NO. ASSIGNED: 43-007-31474

WELL NAME: PPU FED 10-35D-12-16

OPERATOR: BILL BARRETT CORP ( N2165 )

PHONE NUMBER: 303-312-8134

CONTACT: TRACEY FALLANG

PROPOSED LOCATION:

NESE 35 120S 160E

SURFACE: 1330 FSL 0986 FEL

BOTTOM: 1989 FSL 1953 FEL

COUNTY: CARBON

LATITUDE: 39.72670 LONGITUDE: -110.0849

UTM SURF EASTINGS: 578428 NORTHINGS: 4397615

FIELD NAME: PETER'S POINT ( 40 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-0681

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000040 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 90-1853 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: PETERS POINT
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 157-03
- Eff Date: 5-27-2001
- Siting: BHL 4000 SY. EXT. UNIT boundary
- R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

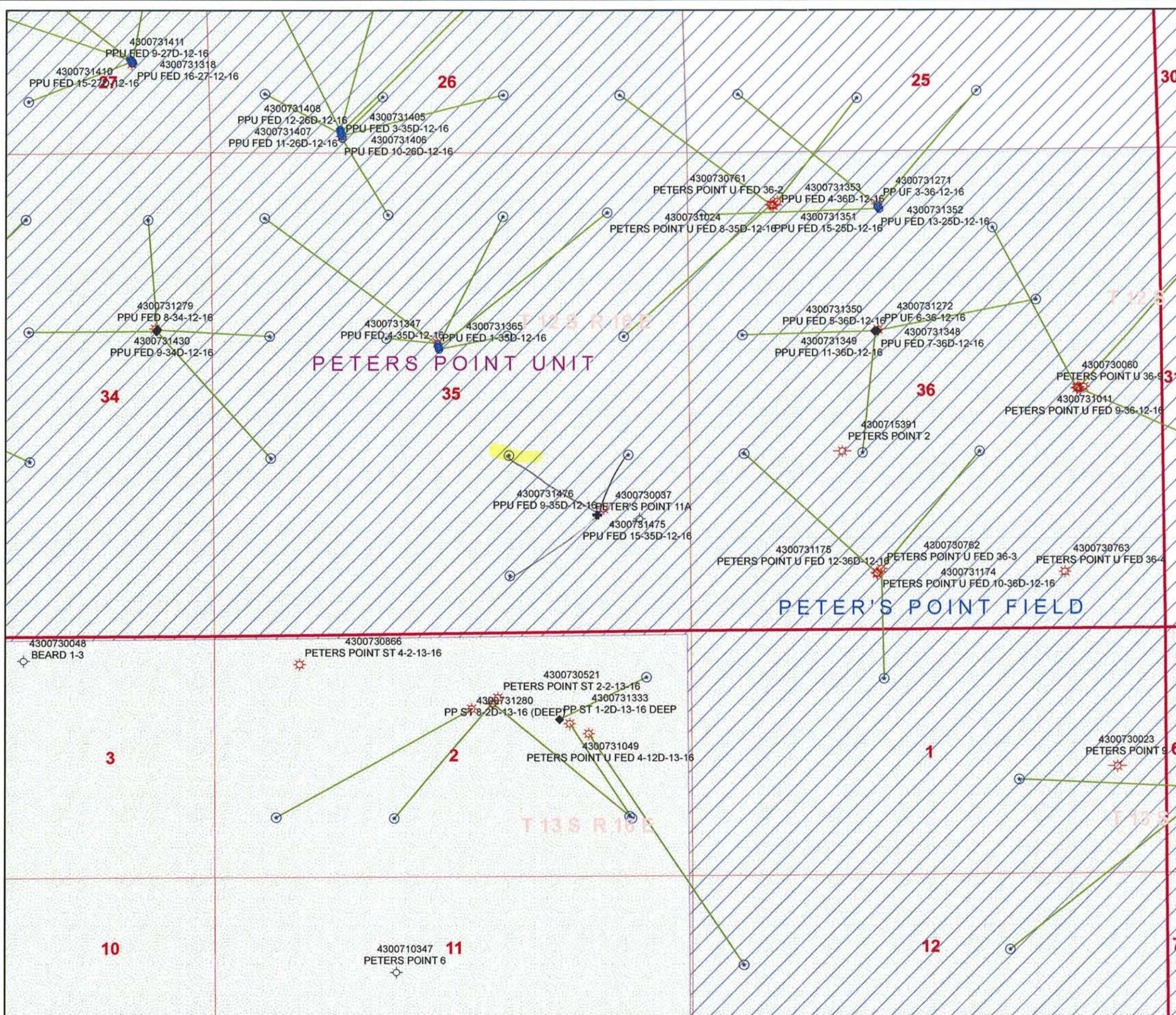
*Federal Approval*

\_\_\_\_\_

\_\_\_\_\_

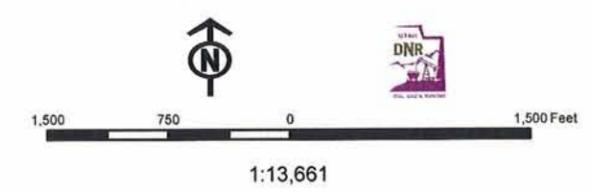
**API Number: 4300731474**  
**Well Name: PPU FED 10-35D-12-16**  
 Township 12.0 S Range 16.0 E Section 35  
**Meridian: SLBM**  
 Operator: BILL BARRETT CORP

Map Prepared:  
 Map Produced by Diana Mason



- |               |                           |
|---------------|---------------------------|
| <b>Units</b>  | <b>Wells Query Events</b> |
| STATUS        | ✗ <call other values>     |
| ACTIVE        | GIS_STAT_TYPE             |
| EXPLORATORY   | <Null>                    |
| GAS STORAGE   | APD                       |
| NF PP OIL     | DRL                       |
| NF SECONDARY  | GI                        |
| FI OIL        | GS                        |
| PP GAS        | LA                        |
| PP GEOTHERM   | NEW                       |
| PP OIL        | OPS                       |
| SECONDARY     | PA                        |
| TERMINATED    | PGW                       |
| <b>Fields</b> | POW                       |
| STATUS        | RET                       |
| ACTIVE        | SGW                       |
| COMBINED      | SOW                       |
| Sections      | TA                        |
| Township      | TW                        |
|               | WD                        |
|               | WI                        |
|               | WS                        |

*Peters Point U Fed.  
 10-35D-12-16  
 Isn't showing on map  
 but it is showing as  
 Premap ID.*



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160

(UT-922)

November 12, 2008

Memorandum

To: Associate Field Office Manager,  
Price Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Peter's Point Unit Carbon  
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Peter's Point Unit, Carbon County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Wasatch/MesaVerde)		
43-007-31474	Peter's Point Fed	10-35D-12-16 Sec 35 T12S R16E 1330 FSL 0986 FEL BHL Sec 35 T12S R16E 1989 FSL 1953 FEL
43-007-31475	Peter's Point Fed	15-35D-12-16 Sec 35 T12S R16E 1331 FSL 0994 FEL BHL Sec 35 T12S R16E 0670 FSL 1959 FEL
43-007-31476	Peter's Point Fed	09-35D-12-16 Sec 35 T12S R16E 1330 FSL 0978 FEL BHL Sec 35 T12S R16E 1984 FSL 0628 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Peter's Point Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron



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

November 18, 2008

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

Re: Peter's Point Unit Federal 10-35D-12-16 Well, Surface Location 1330' FSL, 986' FEL, NE SE, Sec. 35, T. 12 South, R. 16 East, Bottom Location 1989' FSL, 1953' FEL, NW SE, Sec. 35, T. 12 South, R. 16 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 43-007-31474.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
Bureau of Land Management, Price Field Office



**Operator:** Bill Barrett Corporation

**Well Name & Number** Peter's Point Unit Federal 10-35D-12-16

**API Number:** 43-007-31474

**Lease:** UTU-0681

**Surface Location:** NE SE      **Sec.** 35      **T.** 12 South      **R.** 16 East

**Bottom Location:** NW SE      **Sec.** 35      **T.** 12 South      **R.** 16 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

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281      (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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. 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.

COPY

Form 3160-3  
(August 2007)

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.  
UTU-0681

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
Peter's Point / UTU-63014

8. Lease Name and Well No.  
Peter's Point Unit Federal 10-35D-12-16

9. API Well No.  
pending 43-007-31474

10. Field and Pool, or Exploratory  
Peter's Point/Wasatch-Mesaverde

11. Sec., T. R. M. or Blk. and Survey or Area  
Sec. 35, T12S-R16E, SLB&M

12. County or Parish  
Carbon County

13. State  
UT

1a. Type of work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator Bill Barrett Corporation

3a. Address 1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface NESE, 1330' FSL, 986' FEL  
At proposed prod. zone NWSE, 1989' FSL, 1953' FEL

14. Distance in miles and direction from nearest town or post office\*  
approximately 51 miles from Myton, Utah

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)  
1330' SH / 691' BH

16. No. of acres in lease  
1598.62

17. Spacing Unit dedicated to this well  
40 acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.  
8' SH / 1318' BH

19. Proposed Depth  
7400' MD

20. BLM/BIA Bond No. on file  
Nationwide Bond #WYB000040

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6782' graded ground

22. Approximate date work will start\*  
11/28/2008

23. Estimated duration  
40 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification
- 6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature *Tracey Fallang* Name (Printed/Typed) Tracey Fallang Date 11/04/2008

Title Regulatory Analyst

Approved by (Signature) */s/ Michael Stlewig* Name (Printed/Typed) Michael Stlewig Date DEC 11 2008

Title FIELD MANAGER Office PRICE FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

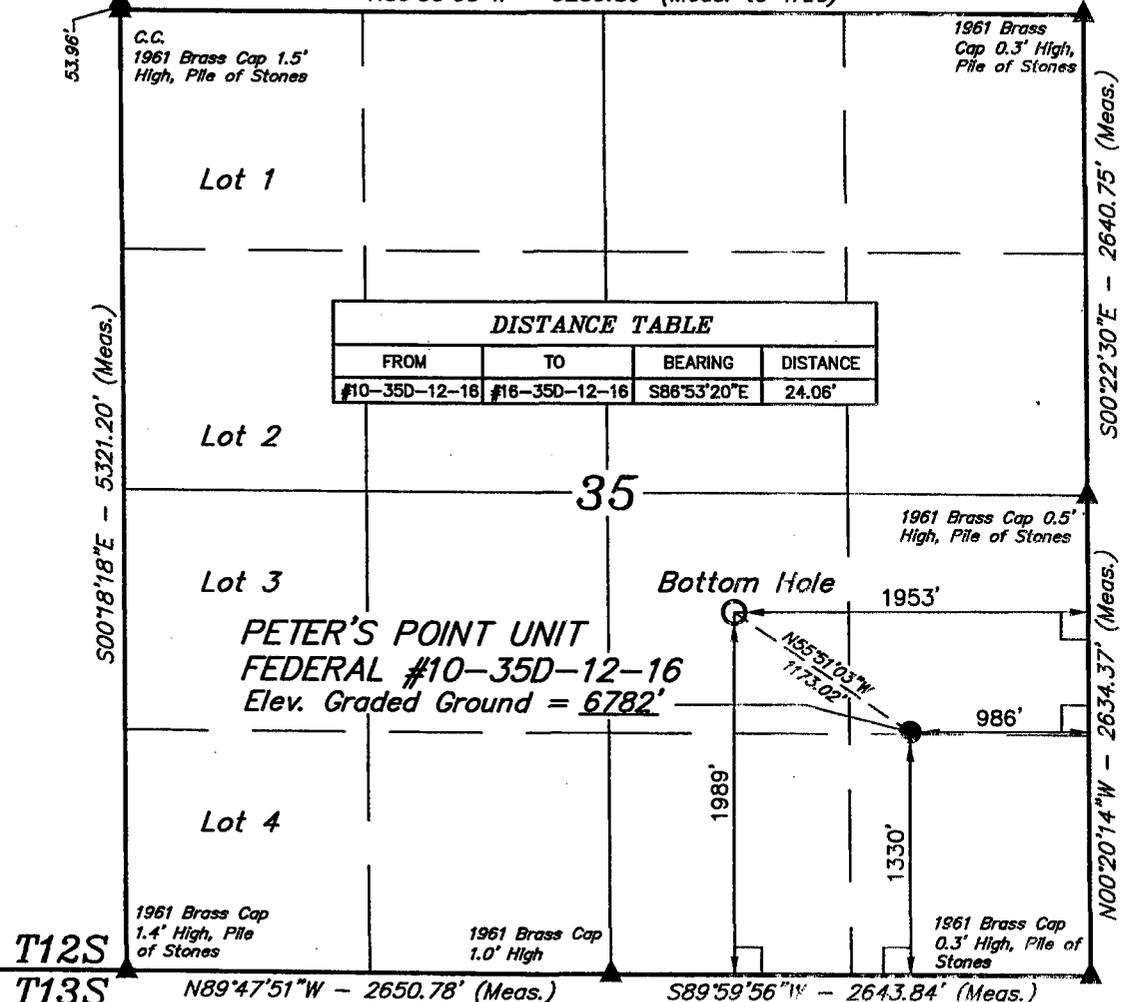
RECEIVED  
DEC 15 2008  
DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

# T12S, R16E, S.L.B.&M.

NE Corner Sec. 34  
1909 Brass Cap 2.5'  
High, Pile of Stones,  
Bearing Tree

N89°59'03"W - 5290.31' (Meas. to C.C.)  
N89°59'03"W - 5289.86' (Meas. to True)



## BILL BARRETT CORPORATION

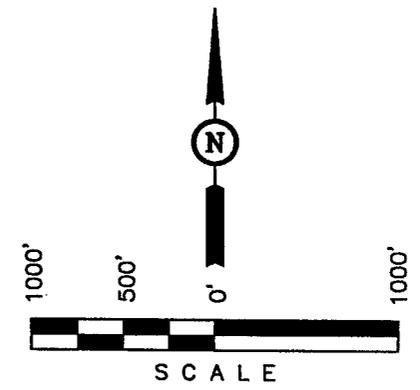
Well location, PETER'S POINT UNIT FEDERAL #10-35D-12-16, located as shown in the NE 1/4 SE 1/4 of Section 35, T12S, R16E, S.L.B.&M., Carbon County, Utah.

### BASIS OF ELEVATION

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

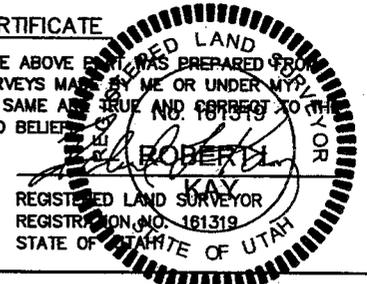
### BASIS OF BEARINGS

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



### CERTIFICATE

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



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

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°43'42.61" (39.728503)	LONGITUDE = 110°05'20.57" (110.089047)	LATITUDE = 39°43'36.10" (39.726694)	LONGITUDE = 110°05'08.15" (110.085597)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°43'42.74" (39.728540)	LONGITUDE = 110°05'18.02" (110.088339)	LATITUDE = 39°43'36.23" (39.726731)	LONGITUDE = 110°05'05.61" (110.084892)
STATE PLANE NAD 27 N: 511302.73 E: 2397011.28		STATE PLANE NAD 27 N: 510659.28 E: 2397991.48	

SCALE 1" = 1000'	DATE SURVEYED: 10-07-08	DATE DRAWN: 10-15-08
PARTY D.R. A.H. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
PRICE FIELD OFFICE

125 SOUTH 600 WEST      PRICE, UT 84501      (435) 636-3600



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Bill Barrett Corporation      **Location:** NESE-Sec 35-T12S-R16E  
**Well No:** Peters Point Unit Federal 10-35D-12-16      **Lease No:** UTU-0681  
**API No:** 43-007-31474      **Agreement:** Peters Point

Title	Name	Office Phone Number	Cell Phone Number
Acting Field Manager & Authorized Officer:	Michael Stiewig	(435) 636-3633	(435) 650-9135
Petroleum Engineer:	Marvin Hendricks	435-636-3661	
Petroleum Engineering Technician	Walton Willis (Primary)	(435) 636-3662	(435) 650-9140
Petroleum Engineering Technician	Randy Knight (Alt.)	(435) 636-3615	(435) 650-9143
NRS/Enviro Scientist:	Don Stephens (Primary)	(435) 636-3608	
NRS/Enviro Scientist:	Kyle Beagley (Alt.)	(435) 636-3668	

**Fax: (435) 636-3657**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify NRS)                     | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify NRS)                       | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Petroleum Tech.)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Petroleum Tech.) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)    | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

## **SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)**

### **SITE SPECIFIC COAs:**

- A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Representative Don Stephens at 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- The following appendices are attached for your reference. They are to be followed as conditions of approval:
  - SM-A, Seed Mixture for Berms, Topsoil Piles, Pad Margins
  - SM-B, Seed Mixture for Final Reclamation (buried pipelines, abandoned pads, roads, etc.)
  - TMC1, Browse Hand Planting Tubeling Mixtures
  - Applicant-committed environmental protection measures, see attached Appendix B
  - Lease Stipulations, see attached Table 2.3 from EA for West Tavaputs Plateau Drilling Program.
- The company shall furnish and apply water or other means satisfactory to the Authorized Officer for dust control. Dust is controlled when the following standards are met: (1) no dust is generated above the cab of the vehicle, or (2) no hanging dust plumes. These standards are applicable to Nine Mile Canyon between Harmon and Cottonwood Canyons, and in Harmon and Cottonwood Canyons. If dust exceeds these standards, operations shall be shut down until the standards are met.
- The company shall supply a third party monitor to report directly to the BLM which shall monitor for dust on a daily basis as necessary. A written monitoring report shall be submitted to the BLM on a weekly basis, and a phone report shall be made to the authorized officer on a daily basis as necessary. If dust control standards are not met, operations shall be shut down.
- The company shall submit interim reclamation plans and location layout with proposed interim reclaimed areas to the authorized office within 90 days of the spudding of the well.
- The area that encompasses the well location and road is environmentally sensitive including fragile soils and vegetation. The operator may be required to perform special measures such as mulching, erosion fencing, use of erosion fabric, etc. per the direction of the BLM Authorized Officer to stabilize any disturbed areas and ensure the reestablishment of long-term perennial vegetation.
- The operator will be responsible for performing any remediation and/or necessary road upgrading (e.g. elevating, surfacing, culverts, low-water crossings, water-wings, surfacing, etc.) as directed by the BLM Authorized Officer, resulting from untimely access.
- All equipment and personnel used during drilling and construction activities will be restricted to only approved access roads.
- If the well is productive and after completion operations, the road will be upgraded to a **Resource Road** status in accordance with the *Surface Operating Standards for Oil & Gas Exploration and Development*, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.
- All permanent above-ground structures (e.g., production equipment, tanks, etc.) not subject to safety requirements will be painted to blend with the natural color of the landscape. The paint used will be a color which simulates "Standard Environmental Colors." The color selected for the Peters Point Unit Federal 9-27D-12-16 well is Olive Black, 5WA20-6. All facilities will be painted the designated color at the time of installation.
- All trees salvaged from the construction of the well pad will be clearly segregated from the spoil material, to prevent burying of trees in the spoil material.
- No salvaged trees will be pushed up against live trees or buried in the spoil material.
- All areas not needed for production of the well will be reclaimed within 90 days of completion of the last well if weather conditions are favorable, unless the BLM Authorized Officer gives an extension.

- Reserve pits will be closed as soon as possible, but no later than 90 days from time of drilling/well completion, unless the BLM Authorized Officer gives an extension. Squeezing of pit fluids and cuttings is prohibited. Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil. Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade. The operator will be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry.
- The operator will drill seed on the contour to a depth of 0.5 inch, followed by cultipaction to compact the seedbed, preventing soil and seed losses. To maintain quality and purity, the current years tested, certified seed with a minimum germination rate of 80% and a minimum purity of 90% will be used.
- Please contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.
- A Paleontologist acceptable to the BLM will monitor during surface disturbing activities. If paleontologic resources are uncovered during surface disturbing activities, the paleontologist shall immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan.
- The pipeline(s) shall be buried.
- During the activities of road maintenance, new road construction or the construction of well pads, if any standing live or dead trees are damaged, cut down or knocked over by grading or construction equipment, actions would be taken to remove excessive vegetation from the road or pad edge.
- An impermeable liner shall be used in the containment area of all permanent condensate and water tanks.
- Gas shall be measured on the well pad unless the BLM Authorized Officer authorizes another location.
- If the well has not been spudded by APD Approval date + 2 years the APD will expire and the operator is to cease all operations related to preparing to drill the well.
- The Mexican Spotted Owl Conservation Measures to avoid impacts:
  - Employ best available technology on production wells and compression equipment within .5 miles of canyon habitat model.
  - Upon discovery of individuals or sightings of this species, halt construction/drilling activities and notify authorized official.
- Centralize tanks and facilities with old wells.
- Leave trees on the edge of the well site.
- The operator shall contact the BLM Authorized Officer or Don Stephens @ 435-636-3608 at least 48-hours prior to the filling and reclamation of pits.

#### **Winter Conditions of Approval**

- To prevent erosion, snow must be removed within 48-hours of cessation of each winter storm producing greater than 4-inches of snowfall; snow removal would occur only on those roads necessary to access wells and production facilities.
- On well pads where winter drilling is occurring, snow must be removed within 48-hours of cessation of each winter storm producing greater than 4-inches of snowfall; snow removal would occur on the portions of the pad where access with snow removal equipment is feasible. Snow would be stockpiled in a retention structure per The Gold Book standards.
- To reduce erosion and soil loss during heavy rain events and snow melt, drainage on or around the well pads would be designed to reduce erosion and sedimentation. Storm water would be diverted away from the well locations with ditches, berms, or waterbars above the cut slopes. Rain water or snow melt collected on the well pads would be contained and drained into the reserve pit or directed into a water retention ponds to ensure no sediment leaves the pad.
- The following travel restrictions would be adhered to by all types of vehicles from November 1, 2008, to May 15, 2009, to minimize disturbances during periods of major animal movement (6:00-8:00 AM and 5:00-7:00 PM or 6:00-8:00 AM and 6:00-8:00 PM during daylight savings time). These restrictions would be contingent on the presence of elk and deer in the areas.

- Contractors and vendors for non-critical rig visits would not travel during these periods.
- Rig shift changes would be adjusted to not coincide with these periods.
- Routine delivery of drilling supplies would not occur during these periods.

These restrictions would not apply to vehicles directly involved in casing, cementing and/or emergency operations necessary to maintain viable hole conditions.

- Monitoring would be required to ensure compliance with restricted travel times and routes from November 1, 2008, to May 15, 2009. The proponent would contract with a third party monitor to assess compliance with these restrictions. Monitoring would occur at least twice weekly at random intervals and a compliance report would be submitted to the Price Field Office on a weekly basis. *Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA 2-17.*
- If snow depths equal 16-inches or greater, edges of plowed roads would be opened at intervals of approximately 0.25 mi to create wildlife exit points and crossing areas when snow walls develop. Exits would be opened to approximately 15 ft, down to the top of vegetation, and would remain within the ROW.
- Access roads must meet The Gold Book standards, where practicable, prior to the winter closure to ensure ruts would not be created during winter use.
- All pipelines associated with wells would be buried within the 50-ft pipeline ROW. BBC could request a waiver if surface conditions are such that blasting would be required to bury the pipeline.
- Trucks used for moving rigs would be kept on top of each applicable mesa until the rig has been fully moved.
- As feasible, all supplies, including casing, would be stockpiled on top of each applicable mesa prior to the winter closure.

#### **SURFACE USE COAs:**

- If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO). Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
  - a time-frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction measures.
- The operator shall restrict travel on unimproved roads during periods of inclement weather or spring thaw when the possibility exists for excessive surface resource damage (e.g., rutting in excess of 4-inches, travel outside roadway, etc.).
- The Companies will provide georeferenced spatial data depicting as-built locations of all facilities, wells, roads, pipelines, power lines, and other related facilities to the BLM by November 1 of each year until completion of project construction activities has occurred.
- If any dead or injured threatened, endangered, proposed, or candidate species is located during construction or operation, the BLM Price Field Office (435-636-3600) shall be notified within 24 hours.
- The Company will conduct clearance surveys for threatened, endangered or other special-concern species at the optimum time. This will require coordination with the BLM before November 1 annually to review the potential for disturbance and to agree on inventory parameters.

**Construction**

- The operator will limit vegetation removal and the degree of surface disturbance wherever possible. Where surface disturbance cannot be avoided, all practicable measures will be utilized to minimize erosion and stabilize disturbed soils.
- Construction and drilling activity will not be conducted using frozen or saturated soil material during periods when watershed damage or excessive rutting is likely to occur.
- Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material. Any topsoil stockpiled for one year or longer will be signed and stabilized with annual ryegrass or other suitable cover crop.
- The operator will not push soil material and overburden over side slopes or into drainages. All soil material disturbed will be placed in an area where it can be retrieved without creating additional undue surface disturbance and where it does not impede watershed and drainage flows.
- Construct the backslope no steeper than 1½:1, and construct the foreslope no steeper than 2:1, unless otherwise directed by the BLM Authorized Officer.
- Maintain a minimum 20-foot undisturbed vegetative border between toe-of-fill of pad and/or pit areas and the edge of adjacent drainages, unless otherwise directed by the BLM Authorized Officer.
- With the overall objective of minimizing surface disturbance and retaining land stability and productivity, the operator shall utilize equipment that is appropriate to the scope and scale of work being done for roads and well pads (utilize equipment no larger than needed for the job).
- Reserve pits will be adequately fenced during and after drilling operations until pit is reclaimed so as to effectively keep out wildlife and livestock. Adequate fencing, in lieu of more stringent requirements by the surface owner, is defined as follows:
  - Construction materials will consist of steel or wood posts. Three or four strand wire (smooth or barbed) fence or hog panel (16-foot length by 50-inch height) or plastic snow fence must be used with connectors such as fence staples, quick-connect clips, hog rings, hose clamps, twisted wire, etc. Electric fences will not be allowed.
  - Construction standards: Posts shall be firmly set in ground. If wire is used, it must be taut and evenly spaced, from ground level to top wire, to effectively keep out animals. Hog panels must be tied securely into posts and one another using fence staples, clamps, etc. Plastic snow fencing must be taut and sturdy. Fence must be at least 2-feet from edge of pit. 3 sides fenced before beginning drilling, the fourth side fenced immediately upon completion of drilling and prior to rig release. Fence must be left up and maintained in adequate condition until pit is closed.
  - The reserve pit will be oriented to prevent collection of surface runoff. After the drilling rig is removed, the operator may need to construct a trench on the uphill side of the reserve pit to divert surface drainage around it. If constructed, the trench will be left intact until the pit is closed.
  - The reserve pit will be lined with an impermeable liner if permeable subsurface material is encountered. An impermeable liner is any liner having a permeability of less than  $10^{-7}$  cm/sec. The liner will be installed so that it will not leak and will be chemically compatible with all substances that may be put in the pit. Liners made of any man-made synthetic material will be of sufficient strength and thickness to withstand normal installation and pit use. In gravelly or rocky soils, a suitable bedding material such as sand will be used prior to installing the liner.
  - The reserve pit will be constructed so that at least half of its total volume is in solid cut material (below natural ground level).
  - The reserve pit shall have 2 foot of freeboard maintained at all times to prevent overflow of fluids.
- Culverts will be placed on channel bottoms on firm, uniform beds, which have been shaped to accept them, and aligned parallel to the channel to minimize erosion. Backfill will be thoroughly compacted.
- The minimum diameter for culverts will be 18 inches. However, all culverts will be appropriately sized in accordance with standards in BLM Manual 9113.
- Construction and other project-related traffic will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- Maximum design speed on all operator-constructed and maintained roads will not exceed 25 miles per hour.

- Pipeline construction shall not block nor change the natural course of any drainage. Pipelines shall cross perpendicular to drainages. Pipelines shall not be run parallel in drainage bottoms. Suspended pipelines shall provide adequate clearance for maximum runoff.
- Pipeline trenches shall be compacted during backfilling. Pipeline trenches shall be routinely inspected and maintained to ensure proper settling, stabilization and reclamation.
- The pipeline right-of-way will be brush-hogged to prevent unnecessary disturbance. Only those areas where safety, absolute need for construction or other regulations may warrant the use of topsoil removal by blading or scalping.
- During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

### **Operations/Maintenance**

- If in the process of air drilling the wells there is a need to utilize mud, all circulating fluids will be contained either in an approved pit or in an aboveground containment tank. The pit or containment tank will be large enough to safely contain the capacity of all expected fluids without danger of overflow. Fluid and cuttings will not be squeezed out of the pit, and the pit will be reclaimed in an expedient manner.
- Confine all equipment and vehicles to the access road(s), pad(s), and area(s) specified in the approved APD.
- All waste, other than human waste and drilling fluids, will be contained in a portable trash cage. This waste will be transported to a State approved waste disposal site immediately upon completion of drilling operations. No trash or empty barrels will be placed in the reserve pit or buried on location. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.
- Rat and mouse holes shall be filled and compacted from the bottom to the top immediately upon release of the drilling rig from the location.
- The operator will be responsible for prevention and control of noxious weeds and weeds of concern on all areas of surface disturbance associated with this project (well locations, roads, water management facilities, etc.) Use of pesticides shall comply with the applicable Federal and State laws. Pesticides shall be used only in accordance with their registered uses and within limitations imposed by the Secretary of Interior. Prior to the use of pesticides on public land, the holder shall obtain from the BLM authorized officer written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers, and any other information deemed necessary by the authorized officer to such use.
- Sewage shall be placed in a self-contained, chemically treated porta-potty on location.
- The operator and their contractors shall ensure that all use, production, storage, transport and disposal of hazardous and extremely hazardous materials associated with the drilling, completion and production of these wells will be in accordance with all applicable existing or hereafter promulgated federal, state and local government rules, regulations and guidelines. All project-related activities involving hazardous materials will be conducted in a manner to minimize potential environmental impacts. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.
- Produced fluids shall be put in test tanks on location during completion work. Produced water will be put in the reserve pit during completion work per Onshore Order #7.
- The only fluids/waste materials which are authorized to go into the reserve pit are RCRA exempt exploration and production wastes. These include:
  - drilling muds & cuttings
  - rigwash

- excess cement and certain completion & stimulation fluids defined by EPA as exempt
- It does not include drilling rig waste, such as:
  - spent hydraulic fluids
  - used engine oil
  - used oil filter
  - empty cement, drilling mud, or other product sacks
  - empty paint, pipe dope, chemical or other product containers
  - excess chemicals or chemical rinsate
- Any evidence of non-exempt wastes being put into the reserve pit may result in the BLM Authorized Officer requiring specific testing and closure requirements.
- If this well is drilled during the fire season (June-October), the operator shall institute all necessary precautions to ensure that fire hazard is minimized, including but not limited to mowing vegetation on the access route(s) and well location(s), keeping fire fighting equipment readily available when drilling, etc.

### **Dry Hole/Reclamation**

- All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc will be expediently reclaimed and reseeded in accordance with the surface use plan and any pertinent site-specific COAs.
- Disturbed lands will be re-contoured back to conform with existing undisturbed topography. No depressions will be left that trap water or form ponds.
- Before the location has been reshaped and prior to redistributing the topsoil, the operator will rip or scarify the drilling platform and access road on the contour, to a depth of at least 12 inches. The rippers are to be no farther than 24 inches apart.
- Distribute the topsoil evenly over the entire location and other disturbed areas. Prepare the seedbed by disking to a depth of 4-to-6 inches following the contour.
- Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice. Individual facilities, such as well locations, pipelines, discharge points, impoundments, etc. need to be addressed in these plans as they are no longer needed. Individual items that will need to be addressed in reclamation plans include:
- Pit closure (Close ASAP after suitably dry, but no later than 90 days from time of drilling unless an extension is given by BLM Authorized Officer.) BLM may require closure prior to 90 days in some cases due to land use or environmental concerns.
- Configuration of reshaped topography, drainage systems, and other surface manipulations
- Waste disposal
- Revegetation methods, including specific seed mix (pounds pure live seed/acre) and soil treatments (seedbed preparation, fertilization, mulching, etc.). On private surface, the landowner should be consulted for the specific seed mix.
- Other practices that will be used to reclaim and stabilize all disturbed areas, such as water bars, erosion fabric, hydro-mulching, etc.
- An estimate of the timetables for beginning and completing various reclamation operations relative to weather and local land uses.
- Methods and measures that will be used to control noxious weeds, addressing both ingress and egress to the individual well or POD.
- Decommissioning/removal of all surface facilities
- BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

- Soil fertility testing and the addition of soil amendments may be required to stabilize some disturbed lands.
- Any mulch utilized for reclamation needs to be certified weed free.
- Waterbars are to be constructed at least one (1) foot deep, on the contour with approximately two (2) feet of drop per 100 feet of waterbar to ensure drainage, and extended into established vegetation. All waterbars are to be constructed with the berm on the downhill side to prevent the soft material from silting in the trench. The initial waterbar should be constructed at the top of the backslope. Subsequent waterbars should follow the following general spacing guidelines:

Slope (percent)	Spacing Interval (feet)
≤ 2	200
2 – 4	100
4 – 5	75
≥ 5	50

### Producing Well

- Reclaim those areas not required for production as soon as possible. The fluids and mud must be dry in the reserve pit before re-contouring pit area. The operator will be responsible for re-contouring and reseeding of any subsidence areas that develop from closing a pit before it is completely dry.
- Reduce the backslope to 2:1 and the foreslope to 3:1, unless otherwise directed by the BLM Authorized Officer. Reduce slopes by pulling fill material up from foreslope into the toe of cut slopes.
- Production facilities (including dikes) must be placed on the cut portion of the location and a minimum of 15 feet from the toe of the back cut unless otherwise approved by the BLM Authorized Officer.
- Any spilled or leaked oil, produced water or treatment chemicals must be reported in accordance with NTL-3A and immediately cleaned up in accordance with BLM requirements. This includes clean-up and proper disposition of soils contaminated as a result of such spills/leaks.
- Distribute stockpiled topsoil evenly over those areas not required for production and reseed as recommended.
- Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.
- If not already required prior to constructing and drilling the well location, the operator shall immediately upgrade the entire access road to BLM standards (including topsoiling, crowning, ditching, drainage culverts, surfacing, etc.) to ensure safe, environmentally-sound, year-round access. Waterbars shall be installed on all reclaimed pipeline corridors per the guidelines in D #11.

**Seed Mix A<sup>1</sup>**

Temporary Disturbance (for berms, topsoil piles, pad margins)

**Forbes Lbs**

Yellow Sweetclover	2.0 lbs/acre
Ladak Alfalfa	2.0 lbs/acre
Cicer Milkvetch	1.0 lbs/acre
Palmer Penstemon	0.5 lbs/acre

**Grasses Lbs**

Crested Wheatgrass	2.0 lbs/acre
Great Basin Wildrye	2.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre

**Total 11.5 lbs/acre**

1 Seed mix A is designed for rapid establishment, soil holding ability, and nitrogen fixing capability.  
C-4 EA, West Tavaputs Plateau Drilling Program

**Seed Mix B**

Final Reclamation (for buried pipe lines, abandoned pads, road, etc.)

**Forbes Lbs**

Palmer Penstemon	0.5 lbs/acre
Golden Cryptantha	0.25 lbs/acre
Utah Sweetvetch	0.5 lbs/acre
Yellow Sweetclover <sup>1</sup>	2.0 lbs/acre
Lewis Flax	1.0 lbs/acre

**Grasses Lbs**

Indian Ricegrass	1.0 lbs/acre
Needle & Thread Grass	1.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre
Blue Grama	0.5 lbs/acre
Galletta	0.5 lbs/acre
Great Basin Wildrye	2.0 lbs/acre

**Woody Plants Lbs**

Fourwing Saltbush	2.0 lbs/acre
Winterfat	0.5 lbs/acre
Wyoming Big Sage brush	0.25 lbs/acre
Utah Serviceberry	1.0 lbs/acre
Blue Elderberry (Raw Seeds)	1.0 lbs/acre

**Total 16.0 lbs/acre**

1 Yellow Sweetclover is planted as a nurse crop to provide solar protection, soil binding and nitrogen fixing. It will normally be crowded out in 2 to 3 years.

### TMC 1: Browse Hand Planting Tubeling Mixtures

One of the two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on areas that are undergoing long term reclamation. The would include all pipeline corridors, berm around edge of drill pads, miscellaneous disturbed areas associated with construction such as staging areas for equipment, sidecast on road cuts, along side upgraded or new roads up to and including borrow ditch and in the termination of redundant access roads being closed. This planting shall be completed in the first planting window following completion of construction and on all other disturbed areas upon final reclamation.

#### Planting Methods:

Planting shall be accomplished using a labor force with specific experience in landscape restoration, hand planting methods and handling and care of browse tubling and or bareroot stock plants.

Browse plants to be utilized can be bareroot stock or tubling stock plants of 1 year old age class or greater.

Browse seedling protectors will be used to provide protection from browsing ungulates for two years. Seedling protectors will be of an open mesh rigid design that will break down when exposed to sunlight and that measures a minimum of 12 inches in length and 4 inches in diameter.

Planting shall be completed in the spring (March 1-April 1) and or fall (November 1-December 1) planting windows.

Browse plants shall be stored and handled in such a manner as to maintain viability, according to the type of browse stock being used.

**Planting Species and Application Rate:**     Sagebrush-Grass     Pinyon-Juniper

Species	Plants Per Acre	
	Sagebrush-Grass	Pinyon-Juniper
Wyoming Sagebrush (Gordon Creek)	100	50
Fourwing Saltbush (Utah seed source collected at or above 5,000 feet elevation)	100	50
True Mountain Mahogany (Utah seed source)	0	50
Antelope Bitterbrush (Utah seed source)	0	50
<b>TOTAL</b>	<b>200</b>	<b>200</b>
<b>Suitable Substitutions:</b>		
Utah Serviceberry	No	50
Winterfat	100	No

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- Approval to use an Electronic Flow Computer is granted with the following conditions:
  - The EFC shall meet or exceed all standards and requirements of Utah NTL 2007-1 regarding the Use of Electronic Flow Computers.
- The use of a flow conditioner in lieu of straightening vanes in the gas meter run cannot be approved with the information provided. This proposal is not consistent with the provisions of Onshore Order #5, and as such, can only be considered for approval as a "variance" from Order #5. A written request for variance may be requested by sundry from the BLM Price Field Office, and would identify the Order #5 requirement(s) from which the variance is being requested, as well as provide supporting justification regarding how the alternate method of measurement would meet or exceed the minimum standards established in Order #5. A variance request for the use of a flow conditioner would need to include the make, model, dimensions, and description of use for the specific type of flow conditioner being proposed.

**All provisions outlined in Onshore Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to BLM Price Field Office 24 hours **prior** to spudding the well.
- Notify Price Field Office Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- If air drilling operations are utilized, the requirements of Onshore Order #2 Drilling Operations, Part III.E *Special Drilling Operations*, shall be implemented.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and NOT by the rig pumps. Tests shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Order #2.
- While drilling, the operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered, it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Price Field Office.

- No aggressive/fresh hard-banded drill pipe shall be used within casing strings. The use of non-API standard casing must be approved in advance by the BLM Price Field Office.
- Cement baskets shall not be run on surface casing.
- Casing pressure tests and mud weight equivalency tests of the casing shoe are required before drilling out from under all casing strings set and cemented in place. All casing strings below the conductor shall be pressure tested to .22 psi/foot or 1500 psi, whichever is greater but not to exceed 70% of the internal yield.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the BLM Price Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- When cementing the surface casing, cement shall be placed behind pipe from surface TD to surface. If cement returns are not seen at surface during the cement job, a cement bond log (CBL) shall be run to determine the top of cement and cement bond quality and provided to the Petroleum Engineer in the BLM Price Field Office. Mitigation measures in getting cement coverage behind pipe to surface may be approved verbally by the Petroleum Engineer, and followed up with a sundry submitted to this office.
- Cement behind the production casing shall extend 200 feet above the surface casing shoe. A CBL will be run from the production casing shoe to the surface casing shoe and shall be used to determine the top of cement and bond quality behind pipe. (If an intermediate casing string is run, cement behind the intermediate string shall extend 200 feet above the surface casing shoe. A CBL will be run from the intermediate casing shoe to the surface casing shoe and shall be used to determine the top of cement and bond quality.) Submit field copies of all CBLs that are run to this office.
- While drilling the well, daily drilling progress reports shall be emailed or faxed to the BLM Petroleum Engineer. Within 30 days of concluding drilling operations, a chronological well drilling history shall be submitted by sundry to the BLM Price Field Office. Within 30 days of concluding completion operations, a chronological well completion history shall be submitted by sundry to the BLM Price Field Office.
- Please submit a copy of all other logs run on this well to the BLM Price Field Office. This office will accept logs submitted either in an electronic format (such as PDF or TIFF files) that can be opened and read by BLM technical staff, or alternatively by hard copy.
- Following the drilling of a directionally-drilled well, a complete set of angular deviation and directional surveys will be submitted to the Petroleum Engineer within 30 days of the completion of the well.
- There shall be no deviation from the proposed drilling and completion program as approved. Any changes in operation must have prior approval from the BLM Price Field Office, either verbally (to be followed by a sundry sent to this office), or by a written sundry. Safe drilling and operating practices shall be observed at all times.

**OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" Oil and Gas Operations Report (OGOR) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Price Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Price Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL3A will be reported to the BLM Price Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM Price Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Price Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Price Field Office will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Price Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Order #3 shall be submitted to the BLM Price Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order #3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Order #3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Price Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Price Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Price Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Order #7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the BLM Price Field Office Petroleum Engineer must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (BLM Form 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

**ATTACHMENT 1 – STIPULATIONS / CONDITIONS OF APPROVAL**  
***From the West Tavaputs Plateau Drilling Program Environmental Assessment***

**APPENDIX B:**

**APPLICANT-COMMITTED ENVIRONMENTAL PROTECTION MEASURES**

**1.0 INTRODUCTION**

Appendix B is part of BBC's Proposed Action for the WTPDP as described in Chapter 2.0, and BBC will comply with the standards, procedures, and requirements contained in Appendix B when implementing the Alternatives unless otherwise provided for by the BLM Authorized Officer (AO). Appendix B describes standard practices utilized to mitigate adverse effects caused by surface-disturbing activities.

**2.0 STANDARD PRACTICES**

The following BMPs/Applicant-Committed Protection Measures (ACEPM) will be applied to all federal lands within the WTPPA by BBC to minimize impacts to the environment. Exception, modification, or waiver of a mitigation requirement may be granted if a thorough analysis by BLM determines that the resource(s) for which the measure was developed will not be impacted by the project activity. Further site-specific mitigation measures may be identified during the application for permit to drill (APD) and/or right-of-way (ROW) application review processes.

**2.1 PRECONSTRUCTION PLANNING AND DESIGN MEASURES**

1. BBC and/or their contractors and subcontractors will conduct all phases of project implementation, including well location, road and pipeline construction, drilling and completion operations, maintenance, reclamation, and abandonment in full compliance with all applicable federal, state, and local laws and regulations and within the guidelines specified in approved APDs and ROW permits. BBC will be held fully accountable for their contractor's and subcontractor's compliance with the requirements of the approved permit and/or plan.

2. Implementation of site-specific activities/actions will be contingent on BLM determining that the activity/action complies with the following plans:

- Surface Use Plan and/or Plan of Development; and
- Site-specific APD plans/reports (e.g., road and wellpad design plans, cultural clearance, special status plant species clearance, etc.).

The above plans may be prepared by the Companies for the project area or submitted incrementally with each APD, ROW application, or Sundry Notice (SN).

**2.2 ROADS**

1. BBC will construct roads on private surface in a safe and prudent manner to the specifications of landowners.

2. Roads on federal surface will be constructed as described in BLM Manual 9113. Where necessary, running surfaces of the roads will be graveled if the base does not already contain sufficient aggregate.

3. Existing roads will be used when the alignment is acceptable for the proposed use. Generally, roads will be required to follow natural contours; provide visual screening by constructing curves, etc.; and be reclaimed to BLM standards.

4. To control or reduce sediment from roads, guidance involving proper road placement and buffer strips to stream channels, graveling, proper drainage, seasonal closure, and in some cases, redesign or closure of

old roads will be developed when necessary. Construction may also be prohibited during periods when soil material is saturated, frozen, or when watershed damage is likely to occur.

5. Available topsoil will be stripped from all road corridors prior to commencement of construction activities and will be redistributed and reseeded on backslope areas of the borrow ditch after completion of road construction activities. Borrow ditches will be reseeded in the first appropriate season after initial disturbance.

6. On newly constructed roads and permanent roads, the placement of topsoil, seeding, and stabilization will be required on all cut and fill slopes unless conditions prohibit this (e.g., rock). No unnecessary side-casting of material (e.g., maintenance) on steep slopes will be allowed.

7. Reclamation of abandoned roads will include requirements for reshaping, recontouring, resurfacing with topsoil, installation of water bars, and seeding on the contour. Road beds, wellpads, and other compacted areas will be ripped to a depth of 1.0 foot on 1.5 feet centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation will be spread over the disturbance for nutrient recycling, where practical. Fertilization or fencing of these disturbances will not normally be required. Additional erosion control measures (e.g., fiber matting) and road barriers to discourage travel may be required. Graveled roads, wellpads, and other sites will be stripped of usable gravel and hauled to new construction sites prior to ripping as deemed necessary by the AO. The removal of structures such as bridges, culverts, cattleguards, and signs will usually be required.

8. Main artery roads, regardless of the primary user, will be crowned, ditched, drained, and, if deemed appropriate by the AO, surfaced with gravel.

9. Unnecessary topographic alterations will be mitigated by avoiding, where possible, steep slopes, rugged topography, and perennial and ephemeral/intermittent drainages, and by minimizing the area disturbed.

10. Upon completion of construction and/or production activities, the Companies will restore, to the extent practicable, the topography to near pre-existing contours at well sites, access roads, pipelines, and other facility sites.

11. Existing roads will be used to the maximum extent possible and upgraded as necessary.

12. BBC will comply with existing federal, state, and county requirements and restrictions to protect road networks and the traveling public.

13. Special arrangements will be made with the Utah Department of Transportation to transport oversize loads to the project area. Otherwise, load limits will be observed at all times to prevent damage to existing road surfaces.

14. All development activities along approved ROWs will be restricted to areas authorized in the approved ROW.

15. Roads and pipelines will be located adjacent to existing linear facilities wherever practical.

16. BBC and/or their contractors will post appropriate warning signs and require project vehicles to adhere to appropriate speed limits on project-required roads, as deemed necessary by the AO.

17. BBC will be responsible for necessary preventative and corrective road maintenance for the duration of the project. Maintenance responsibilities may include, but are not limited to, blading, gravel surfacing, cleaning ditches and drainage facilities, dust abatement, noxious weed control, or other requirements as directed by the AO.

### **2.3 WELLPADS AND FACILITIES**

1. In conformance with Onshore Oil and Gas Order No. 1, BBC will prepare and submit individual comprehensive drill site design plans for BLM approval. These plans will show the drill location layout over the existing topography; dimensions of the location; volumes and cross sections of cut and fill; location and dimensions of reserve pits; existing drainage patterns; and access road egress and ingress. Plans will be submitted and approved prior to initiation of construction.

2. No surface disturbance is recommended on slopes in excess of 25% unless erosion controls can be ensured and adequate revegetation is expected. Engineering proposals and revegetation and restoration plans will be required in these areas.

3. Reserve pits will be constructed to ensure protection of surface and ground water. The review to determine the need for installation of lining material will be done on a case-by-case basis and consider soil permeability, water quality, and depth to ground water.

4. Reserve pit liners will have a mullen burst strength that is equal to or exceeds 300 pounds, a puncture strength that is equal to or exceeds 160 pounds, and grab tensile strengths that are equal to or exceed 150 pounds. There will be verified test results conducted according to ASTM test standards. The liner will be totally resistant to deterioration by hydrocarbons.

5. Produced water from oil and gas operations will be disposed of in accordance with the requirements of Onshore Oil and Gas Order #7.

6. Pits will be fenced as specified in individual authorizations. Any pit containing harmful fluids will be maintained in a manner that will prevent migratory bird mortality.

7. Disturbances will be managed/reclaimed for zero runoff from the wellpad or other facility until the area is stabilized. All excavations and pits will be closed by backfilling and contouring to conform to surrounding terrain. On wellpads and other facilities, the surface use plan will include objectives for successful reclamation including soil stabilization, plant community composition, and desired vegetation density and diversity.

8. On producing wells, BBC will reduce slopes to original contours (not to exceed 3:1 slopes). Areas not used for production purposes will be backfilled and blended into the surrounding terrain, reseeded, and erosion control measures installed. Erosion control measures will be required after slope reduction. Mulching, erosion control measures, and fertilization may be required to achieve acceptable stabilization.

9. Abandoned sites will be satisfactorily rehabilitated in accordance with the approved APD.

### **2.4 PIPELINES**

1. Pipeline construction methods and practices will be completed in such a manner so as to obtain good reclamation and the re-establishment of the native plant community.

2. On ditches exceeding 24 inches in width, 6 to 12 inches of surface soil will be salvaged on the entire right-of-way, where practicable. When pipelines are buried, there will be at least 30 inches of backfill on top of the pipe. Backfill will not extend above the original ground level after the fill has settled. Guides

for construction and water bar placement found in "Surface Operating Standards for Oil and Gas Exploration and Development" (BLM and USFS 1989) will be followed. Bladed surface materials will be re-spread upon the cleared route once construction is completed. Disturbed areas that have been reclaimed will be fenced when the route is near livestock watering areas at the discretion of the AO.

3. Pipeline ROWs will be located to minimize soil disturbance to the greatest extent practicable. Mitigation will include locating pipeline ROWs adjacent to access roads to minimize ROW disturbance widths, or routing pipeline ROWs directly to minimize disturbance lengths.

4. Existing crowned and ditched roads will be used for access where possible to minimize surface disturbances. Clearing of pipeline ROWs will be accomplished with the least degree of disturbance to topsoil. Where topsoil removal is necessary, it will be stockpiled (windrowed) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the ROW will also be re-spread to provide protection, nutrient recycling, and a seed source.

5. Temporary disturbances which do not require major excavation (e.g., small pipelines) may be stripped of vegetation to ground level using mechanical treatment, leaving topsoil intact and root masses relatively undisturbed.

6. To promote soil stability, backfill over the trench will be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting the pipeline trench backfill will occur at two levels to reduce trench settling and water channeling--once after 3 feet of fill has been replaced and once within 6-12 inches of the surface. Water bars, mulching, and terracing will be installed, as needed, to minimize erosion. Instream protection structures (e.g., drop structures) in drainages crossed by a pipeline will be installed at the discretion of the AO to prevent erosion.

7. BBC will adhere to the following procedures regarding the installation of pipelines during periods when the earth is frozen.

- The BLM Price Field Office will be contacted at least 10 days prior to anticipated start of project. The project will not proceed until such time as authorization from BLM has been received by the Companies.
- A BLM representative will be on the ground at the beginning of construction.
- Snow, if present, will be removed utilizing a motor grader.
- Vegetation will be scalped and windrowed to one side of the right-of-way.
- A wheel trencher will be used to remove approximately 6-8 inches of topsoil from the top of the pipeline ditch and windrow it to one side.
- A trench approximately 4 feet deep will be dug using a wheel trencher and the soil will be stockpiled to one side, making sure the top soil or spoil do not get mixed together.
- The pipeline will be installed, the trench backfilled, and the spoil compacted in the trench.
- Stockpiled topsoil will be placed in the trench and compacted.
- Scalped vegetation back will be placed back on right-of-way using a motor grader.
- The entire right-of-way will be reseeded as normal in the spring after the thaw.

These procedures will be incorporated in every Plan of Development where construction in frozen earth is anticipated.

## **2.5 AIR QUALITY**

1. BBC will comply with all applicable local, state, and federal air quality laws, statutes, regulations, standards, and implementation plans.

2. BBC will obtain all necessary air quality permits from UDAQ to construct, test, and operate facilities.

3. All internal combustion equipment will be kept in good working order.
4. The Companies will use water at construction sites, as necessary, to abate fugitive dust.
5. The Companies will not allow any open burning of garbage or refuse at well sites or other facilities.

## **2.6 VEGETATION**

1. Removal and disturbance of vegetation will be kept to a minimum through construction site management (e.g., using previously disturbed areas and existing easements, limiting equipment/materials storage yard and staging area size, etc.).
2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts in areas of high value (e.g., sensitive species habitats, wetland/riparian areas).

## **2.7 SOILS**

1. Surface-disturbing activities will be examined on a site-specific basis, evaluating the potential for soil loss and the compatibility of soil properties with project design. Stipulations and mitigating measures will be developed on a case-by-case basis to ensure soil conservation and practical management.
2. BBC will restrict construction activities during periods when soils are saturated and excessive rutting (>4 inches with multiple passes) would occur.
3. Salvage and subsequent replacement of topsoil will occur for surface-disturbing activities wherever specified by the AO.
4. Before a surface-disturbing activity is undertaken, topsoil depth will be determined and the amount of topsoil to be removed, along with topsoil placement areas, will be specified in the authorization. The uniform distribution of topsoil over the area to be reclaimed will occur unless conditions warrant a varying depth. On large surface-disturbing projects topsoil will be stockpiled and seeded to reduce erosion. Where feasible, topsoil stockpiles will be designed to maximize surface area to reduce impacts to soil microorganisms. Areas used for spoil storage will be stripped of topsoil before spoil placement, and the replacement of topsoil after spoil removal will be required.
5. BBC will avoid adverse impacts to soils by:
  - minimizing the area of disturbance;
  - avoiding construction with frozen soil materials to the extent practicable;
  - avoiding areas with high erosion potential (e.g., unstable soil, dunal areas, slopes greater than 25%, floodplains), where practicable;
  - salvaging and selectively handling topsoil from disturbed areas;
  - adequately protecting stockpiled topsoil and replacing it on the surface during reclamation;
  - leaving the soil intact (scalping only) during pipeline construction, where practicable;
  - using appropriate erosion and sedimentation control techniques including, but not limited to, diversion terraces, riprap, and matting;
  - promptly revegetating disturbed areas using adapted species;
  - applying temporary erosion control measures such as temporary vegetation cover, application of mulch, netting, or soil stabilizers; and/or
  - constructing barriers, as appropriate, to minimize wind and water erosion and sedimentation prior to vegetation establishment.
6. Appropriate erosion control and revegetation measures will be employed. Grading and landscaping will be used to minimize slopes, and water bars will be installed on disturbed slopes in areas with unstable

soils where seeding alone may not adequately control erosion. Erosion control efforts will be monitored by the Companies and necessary modifications made to control erosion.

7. Sufficient topsoil or other suitable material to facilitate revegetation will be segregated from subsoils during all construction operations requiring excavation and will be returned to the surface upon completion of operations. Soils compacted during construction will be ripped and tilled as necessary prior to reseeded. Cut and fill sections on all roads and along pipelines will be revegetated with native species.

8. Any accidental soil contamination by spills of petroleum products or other hazardous materials will be cleaned up by the Companies and the soil disposed of or rehabilitated according to applicable rules.

9. BBC will restrict off-road vehicle (ORV) activity by employees and contract workers to the immediate area of authorized activity or existing roads and trails.

## **2.8 RECLAMATION**

1. BBC's reclamation goals will emphasize: 1) protection of existing native vegetation; 2) minimal disturbance of the existing environment; 3) soil stabilization through establishment of ground cover; and 4) establishment of native vegetation consistent with land use planning.

2. All reclamation will be accomplished as soon as possible after the disturbance occurs with efforts continuing until a satisfactory revegetation cover is established.

3. Seed mixtures for reclaimed areas will be site-specific, composed of native species, and will include species promoting soil stability. A pre-disturbance species composition list will be developed if the site includes several different plant communities. Livestock palatability and wildlife habitat needs will be given consideration during seed mix formulation. BLM Manual 1745, *Introduction, Transplant, Augmentation, and Reestablishment of Fish, Wildlife, and Plants*, and Executive Order No. 11987, *Exotic Organisms*, will be used as guidance.

4. Interseeding, secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provision will be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures will occur on areas where initial reclamation efforts are unsuccessful.

5. Any mulch used by BBC will be weed free and free from mold, fungi, or noxious weed seeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting, and rock. Straw mulch will contain fibers long enough to facilitate crimping and provide the greatest cover.

6. BBC will be responsible for the control of all noxious weed infestations on disturbed surfaces. Aerial application of chemicals will be prohibited within 0.25 mile of special status plant locations, and hand application will be prohibited within 500 feet. Herbicide application will be monitored by the AO.

7. Recontouring and seedbed preparation will occur immediately prior to reseeded on the unused portion of wellpads, road ROWs, and entire pipeline ROWs outside of road ROWs. In the event of uneconomical wells, BBC will initiate reclamation of the entire wellpads, access road, and adjacent disturbed habitat as soon as possible. BBC assumes the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which results in the proper reclamation of disturbed lands. BBC will monitor reclamation to determine and ensure successful establishment of vegetation. No consent to termination of any bond will be given by the AO until all the terms and conditions of the approved permit(s) have been met.

8. Proper erosion and sediment control structures and techniques will be incorporated by the Companies into the design of wellpads, roads, pipelines, and other facilities. Revegetation using a BLM-approved, locally adapted seed mixture containing native grasses, forbs, and shrubs will begin in the first appropriate season following disturbance. Vegetation removed will be replaced with plants of equal forage value and growth form using procedures that include:

- fall reseeding (September 15 to freeze-up), where feasible;
- spring reseeding (April 30 - May 31) if fall seeding is not feasible;
- deep ripping of compacted soils prior to reseeding;
- surface pitting/roughening prior to reseeding;
- utilization of native cool season grasses, forbs, and shrubs in the seed mix;
- interseeding shrubs into an established stand of grasses and forbs at least one year after seeding;
- appropriate, approved weed control techniques;
- broadcast or drill seeding, depending on site conditions; and
- fencing of certain sensitive reclamation sites (e.g., riparian areas, steep slopes, and areas within 0.5 mile of livestock watering facilities) as determined necessary through monitoring.

9. BBC will monitor noxious weed occurrence on the project area and implement a noxious weed control program in cooperation with BLM. Weed-free certification by county extension agents will be required for grain or straw used for mulching revegetated areas.

## **2.9 CANDIDATE PLANTS/SPECIAL STATUS PLANTS**

1. Herbicide applications will be kept at least 500 feet from known special status plant species populations or other distances deemed safe by the AO.
2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts to areas of high value (e.g., special status plant species habitats, wetland/riparian areas).

## **2.10 WATERSHEDS**

1. Crossings of ephemeral, intermittent, and perennial streams associated with road and utility line construction will generally be restricted until normal flows are established after spring runoff.

## **2.11 GEOLOGICAL/PALEONTOLOGICAL RESOURCES**

1. Wells, pipelines, and ancillary facilities will be designed and constructed such that they will not be damaged by moderate earthquakes. Any facilities defined as critical according to the Uniform Building Code will be constructed in accordance with applicable Uniform Building Code Standards for Seismic Risk Zone 2B.
2. If paleontological resources are uncovered during surface-disturbing activities, BBC will suspend operations at the site that will further disturb such materials and immediately contact the AO, who will arrange for a determination of significance, and, if necessary, recommend a recovery or avoidance plan.

## **2.12 CULTURAL/HISTORICAL RESOURCES**

1. BBC will follow the cultural resources and recovery plan for the project.
2. If cultural resources are located within frozen soils or sediments that preclude the possibility of adequately recording or evaluating the find, construction work will cease and the site will be protected for the duration of frozen soil conditions. Recordation, evaluation and recommendations concerning further management will be made to the AO following natural thaw. The AO will consult with the affected parties and construction work will resume once management of the threatened site has been finalized and the Notice to Proceed has been issued.

3. BBC will inform their employees, contractors and subcontractors about relevant federal regulations intended to protect archaeological and cultural resources. All personnel will be informed that collecting artifacts, including arrowheads, is a violation of federal law and that employees engaged in this activity may be subject to disciplinary action.

### **2.13 WATER RESOURCES**

1. BBC will maintain a complete copy of the SPCC Plan at each facility if the facility is normally attended at least 8 hours per day, or at the nearest field office if the facility is not so attended (40 CFR 112.3(e)).

2. BBC will implement and adhere to SPCC Plans in a manner such that any spill or accidental discharge of oil will be remediated. An orientation will be conducted by the Companies to ensure that project personnel are aware of the potential impacts that can result from accidental spills, as well as the appropriate recourse if a spill does occur. Where applicable and/or required by law, streams at pipeline crossings will be protected from contamination by pipeline shutoff valves or other systems capable of minimizing accidental discharge.

3. If reserve pit leakage is detected, operations at the site will be curtailed, as directed by the BLM, until the leakage is corrected.

4. BBC will case and cement all gas wells to protect subsurface mineral and freshwater zones. Unproductive wells and wells that have completed their intended purpose will be properly abandoned and plugged using procedures identified by BLM (federal mineral estate) and/or WOGCC (state and fee mineral estate).

5. All water used in association with this project will be obtained from sources previously approved by the Utah State Engineer's Office.

6. Erosion-prone or high salinity areas will be avoided where practicable. Necessary construction in these areas will be timed to avoid periods of greatest runoff.

7. BBC will incorporate proper containment of condensate and produced water in tanks and drilling fluids in reserve pits, and will locate staging areas for storage of equipment away from drainages to prevent contaminants from entering surface waters.

8. Prudent use of erosion control measures, including diversion terraces, riprap, matting, temporary sediment traps, and water bars will be employed by the Companies as necessary. These erosion control measures will be used as appropriate to control surface runoff generated at wellpads. The type and location of sediment control structures, including construction methods, will be described in APD and ROW plans. If necessary, BBC may treat diverted water in detention ponds prior to release to meet applicable state or federal standards.

9. BBC will construct channel crossings by pipelines so that the pipe is buried at least 3 feet below the channel bottom.

10. Streams/channels crossed by roads will have culverts installed at all appropriate locations as specified in the BLM Manual 9112-*Bridges and Major Culverts* and Manual 9113-*Roads*. Streams will be crossed perpendicular to flow, where possible, and all stream crossing structures will be designed to carry the 25-year discharge event or other capacities as directed by the AO.

11. BBC will reshape disturbed channel beds to their approximate original configuration.

12. The disposal of all hydrostatic test water will be done in conformance with BLM Onshore Oil and Gas Order No. 7. BBC will comply with state and federal regulations for water discharged into an established drainage channel. The rate of discharge will not exceed the capacity of the channel to convey the increased flow. Waters that do not meet applicable state or federal standards will be evaporated, treated, or disposed of at an approved disposal facility.

13. BBC will prepare Storm Water Pollution Prevention Plans (SWPPPs) as required by WDEQ National Pollution Discharge Elimination System (NPDES) permit requirements on individual disturbances that exceed 5 acres in size or as required by future changes in regulations.

14. Any disturbances to wetlands and/or waters of the U.S. will be coordinated with the COE, and 404 permits will be secured as necessary prior to disturbance.

15. Where disturbance of wetlands, riparian areas, streams, or ephemeral/intermittent stream channels cannot be avoided, COE Section 404 permits will be obtained by BBC as required, and, in addition to applicable above-listed measures, the following measures will be applied where appropriate:

- wetland areas will be crossed during dry conditions (i.e., late summer, fall, or dry winters);
  - streams, wetlands, and riparian areas disturbed during project construction will be restored to as near re-project conditions as practical and, if impermeable soils contributed to wetland formation, soils will be compacted to reestablish impermeability;
  - wetland topsoil will be selectively handled;
  - disturbed areas will be recontoured and BLM-approved species will be used for reclamation;
- and
- reclamation activities will begin on disturbed wetlands immediately after completion of project activities.

#### **2.14 NOISE**

1. All engines required for project activities will be properly muffled and maintained in accordance with state and federal laws.

#### **2.15 WILDLIFE, FISHERIES, AND THREATENED AND ENDANGERED (T&E) SPECIES**

1. To minimize wildlife mortality due to vehicle collisions, BBC will advise project personnel regarding appropriate speed limits in the project area. Roads no longer required for operations will be reclaimed as soon as possible. Potential increases in poaching will be minimized through employee and contractor education regarding wildlife laws. If wildlife law violations are discovered, the offending employee will be subject to disciplinary action by BBC.

2. BBC will protect (e.g., fence or net) reserve, workover, and production pits potentially hazardous to prohibit wildlife access as directed by BLM.

3. BBC will utilize wildlife-proof fencing on reclaimed areas in accordance with standards specified in BLM Handbook 1741-1, *Fencing*, if it is determined that wildlife are interfering with successful reestablishment of vegetation.

4. Consultation and coordination with USFWS and UDWR will be conducted for all mitigation activities relating to raptors and T&E species and their habitats, and all permits required for movement, removal, and/or establishment of raptor nests will be obtained.

5. BBC will adhere to all survey, mitigation, and monitoring requirements identified in the Biological Assessment prepared for this project.

## **2.16 LIVESTOCK/GRAZING MANAGEMENT**

1. BBC will reclaim nonessential areas disturbed during construction activities in the first appropriate season after well completion.
2. Nonessential areas include portions of the well pads not needed for production operations, the borrow ditch and outslope portions of new road ROWs, entire pipeline ROWs outside of road ROWs, and all roads and associated disturbed areas at nonproductive wells.
3. BBC will repair or replace fences, cattleguards, gates, drift fences, and natural barriers to current BLM standards. Cattleguards will be used instead of gates for livestock control on most road ROWs. Livestock will be protected from pipeline trenches, and livestock access to existing water sources will be maintained.
4. BBC will review livestock impacts from roads or disturbance from construction and drilling activities at least annually with livestock permittees and BLM. Appropriate measures will be taken to correct any adverse impacts, should they occur.

## **2.17 RECREATION**

1. BBC will instruct employees, contractors, and subcontractors that camp sites on federal lands or at federal recreation sites must not be occupied for more than 14 consecutive days.
2. BBC will require that employees, contractors, and subcontractors abide by all state and federal laws and regulations regarding hunting.

## **2.18 VISUAL RESOURCES**

1. Pipeline ROWs will be located within existing ROWs whenever possible, and aboveground facilities not requiring safety coloration will be painted with appropriate nonreflective standard environmental colors (Carlsbad Canyon or Desert Brown, or other specified standard environmental colors) as determined by the AO. Topographic screening, vegetation manipulation, project scheduling, and traffic control procedures may all be employed, as practicable, to further reduce visual impacts.
2. Within VRM Class II areas, BBC will utilize existing topography to screen roads, pipeline corridors, drill rigs, wells, and production facilities from view where practicable. The Companies will paint all aboveground production facilities with appropriate colors (e.g., Carlsbad Canyon or Desert Brown) to blend with adjacent terrain, except for structures that require safety coloration in accordance with OSHA requirements.

## **2.19 HEALTH AND SAFETY/HAZARDOUS MATERIALS**

1. BBC will utilize BLM-approved portable sanitation facilities at drill sites; place warning signs near hazardous areas and along roadways; place dumpsters at each construction site to collect and store garbage and refuse; ensure that all refuse and garbage is transported to a State-approved sanitary landfill for disposal; and institute a Hazard Communication Program for its employees and require subcontractor programs in accordance with OSHA (29 CFR 1910.1200).
2. In accordance with 29 CFR 1910.1200, a Material Safety Data Sheet for every chemical or hazardous material brought on-site will be kept on file BBC's field offices.
3. Chemicals and hazardous materials will be inventoried and reported by BBC in accordance with the SARA Title III (40 CFR 335). If quantities exceeding 10,000 pounds or the threshold planning quantity are to be produced or stored, BBC will submit appropriate Section 311 and 312 forms at the required times to the State and County Emergency Management Coordinators and the local fire departments.

4. BBC will transport and/or dispose of any hazardous wastes, as defined by the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, in accordance with all applicable federal, state, and local regulations.

5. BBC commits to the following practices regarding hazardous material containment.

- All storage tank batteries that contain any oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety will be surrounded by a secondary means of containment for the entire contents of the largest single tank in use plus freeboard for precipitation, or to contain 110% of the capacity of the largest vessel. The appropriate containment and/or diversionary structures or equipment, including walls and floor, will contain any oil, glycol or produced water and shall be constructed so that any discharge from a primary containment system, such as a tank or pipe, will not drain, infiltrate, or otherwise escape to ground or surface waters before cleanup is completed.
- Treaters, dehydrators and other production facilities that have the potential to leak or spill oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety, shall be placed on or within appropriate containment and/or diversionary structure to prevent spilled or leaking fluid from reaching ground or surface waters. The appropriate containment and/or diversionary structure will be sufficiently impervious to oil, glycol, produced water, or other fluid and will be installed so that any spill or leakage will not drain, infiltrate, or otherwise escape to ground or surface waters prior to completion of cleanup.
- Notice of any spill or leakage, as defined in BLM NTL 3A, will be immediately reported to the AO by the Companies as well as to such other federal and state officials as required by law. Oral notice will be given as soon as possible, but within no more than 24 hours, and those oral notices will be confirmed in writing within 72 hours of any such occurrence.

**Table 2.3 Lease Numbers, Oil and Gas Units, Federal ROW Requirements, and Lease Stipulations for State and Federal Wells Proposed by BBC**

<b>Location/Well Number</b>	<b>Federal Lease Number and Stipulations</b>	<b>Unit Name</b>	<b>Federal ROW Needs</b>
<b>Federal Wells</b>			
7-25	UTU-59970	Prickly Pear Unit	Lower Flat Iron Road
16-34	UTU-73671	Prickly Pear Unit	Lower Flat Iron Road
27-3	UTU-73670 1,2,3	Prickly Pear Unit	None
21-2	UTU-73670 1,2,3	Prickly Pear Unit	None
13-4	UTU-74385	Prickly Pear Unit	None
5-13	UTU-73665	Prickly Pear Unit	None
24-12	UTU-77513 1,2,3	Prickly Pear Unit	None
10-4	UTU-74386 1,2,3,4	Prickly Pear Unit	None
15-19	UTU-66801 1,2,3	Jack Canyon Unit	None
<b>Existing Pads</b>			
UT-10	UTU-66801 1,2,3	Jack Canyon Unit	None
PPH-8	UTU-66801 1,2,3	Jack Canyon Unit	None
PP-11	UTU-66801 1,2,3	Jack Canyon Unit	None
<b>State Wells</b>			
Section 2, T13S, R15E	NA	Prickly Pear Unit	Lower Flat Iron Road
Section 36, T12S, R15E	NA	Prickly Pear Unit	Lower Flat Iron Road
Section 32, T12S, R16E	NA	Jack Canyon Unit	Cottonwood Canyon Road
Section 2, T13S, R16E	NA	None	Peters Point Road Extension

<sup>1</sup> No occupancy or other surface disturbance will be allowed within 330 feet of the centerline or within the 100-year recurrence interval floodplain, whichever is greater, of the perennial streams or within 660 feet of springs, whether flowing or not. This distance may be modified when specifically approved in writing by the authorized officer of the BLM.

<sup>2</sup> In order to minimize watershed damage, exploration drilling and other development activity will be allowed only during the period from May 1 to October 31. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the BLM.

<sup>3</sup> Construction of access roads and drill pads on slopes in excess of 30 percent will require special design standards to minimize watershed damage. Drilling operations and any associated construction activities on slopes in excess of 50 percent may require directional drilling to prevent damage to the watershed. Exceptions to the limitations may be specifically approved in writing by the authorized officer of the BLM.

<sup>4</sup> Raptor surveys will be required whenever surface disturbance and/or occupancy proposed in association with oil/gas exploration occur within a known nesting complex for raptors located in the NWNW, Sec. 10, T12S, R14E. Field surveys will be conducted by the lessee/operator as determined by the AO of the BLM. When surveys are required of the lessee/operator, the consultant hired must be found acceptable to the AO prior to the field survey being conducted. Based on the result of the field survey, the AO will determine appropriate buffer zones.

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: BILL BARRETT CORP

Well Name: PPU FED 10-35D-12-16

Api No: 43-007-31474 Lease Type: FEDERAL

Section 35 Township 12S Range 16E County CARBON

Drilling Contractor TRIPLE A DRLG RIG # RATHOLE

**SPUDDED:**

Date 12/16/2008

Time \_\_\_\_\_

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by TRACEY FALLANG

Telephone # (303) 312-8134

Date 12/16/08 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
**CONFIDENTIAL**

**COPY**  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**CONFIDENTIAL**

5. Lease Serial No.  
UTU-0681

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NESE, 1330' FSL, 994' FEL  
Sec. 35, T12S-R16E, SLB&M

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point / UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal #10-35D-12-16

9. API Well No.  
43-007-31474

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

11. Country or Parish, State  
Carbon County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change in surface</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>hole location</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This sundry is being submitted as notification that the surface hole has changed:

New Surface Hole: 1331' FSL, 994' FEL

Revised directional plans and a revised legal plat is attached.

578425X 39.726711  
43976164 - 110.084904

If you have any questions or need further information, please contact me at the number above.

COPY SENT TO OPERATOR

Date: 12.30.2008

Initials: KS

**Federal Approval of this  
Action is Necessary**

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 12/15/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*[Signature]*

**BRADLEY G. HILL**  
ENVIRONMENTAL MANAGER

Date 12-22-08

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

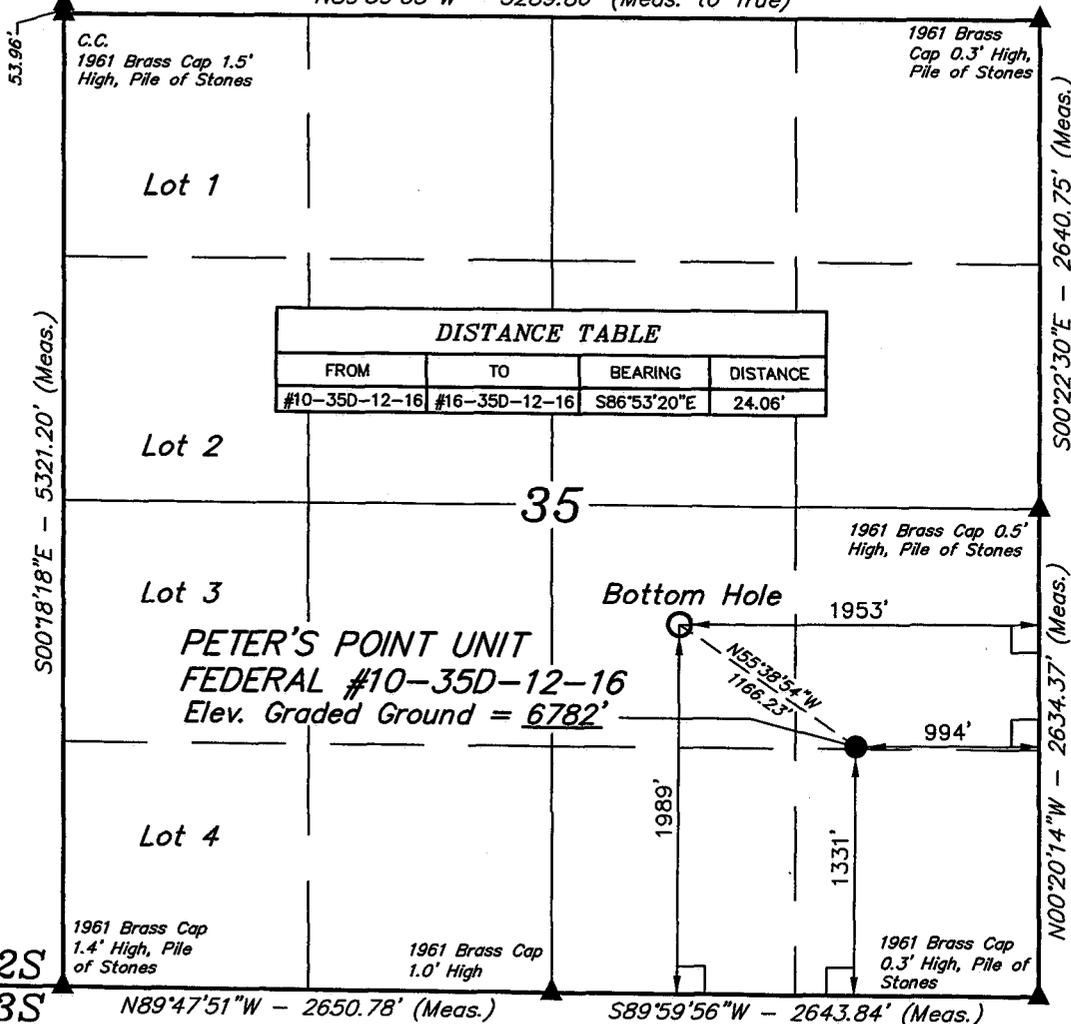
DEC 16 2008

DIV. OF OIL, GAS & MINING

# T12S, R16E, S.L.B.&M.

NE Corner Sec. 34  
1909 Brass Cap 2.5'  
High, Pile of Stones,  
Bearing Tree

N89°59'03"W - 5290.31' (Meas. to C.C.)  
N89°59'03"W - 5289.86' (Meas. to True)



DISTANCE TABLE			
FROM	TO	BEARING	DISTANCE
#10-35D-12-16	#16-35D-12-16	S86°53'20\"E	24.06'

## BILL BARRETT CORPORATION

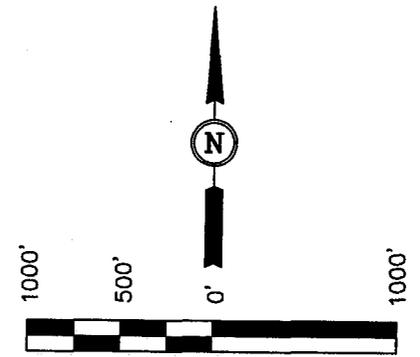
Well location, PETER'S POINT UNIT FEDERAL #10-35D-12-16, located as shown in the NE 1/4 SE 1/4 of Section 35, T12S, R16E, S.L.B.&M., Carbon County, Utah.

### BASIS OF ELEVATION

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

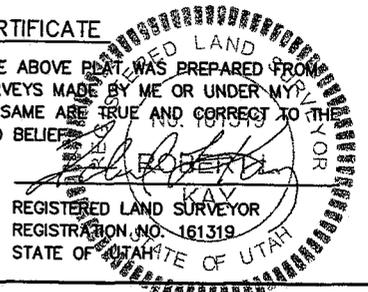
### BASIS OF BEARINGS

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



### CERTIFICATE

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



REVISED: 12-11-08

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

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

<b>NAD 83 (TARGET BOTTOM HOLE)</b> LATITUDE = 39°43'42.61" (39.728503) LONGITUDE = 110°05'20.57" (110.089047)	<b>NAD 83 (SURFACE LOCATION)</b> LATITUDE = 39°43'36.10" (39.726694) LONGITUDE = 110°05'08.25" (110.085625)
<b>NAD 27 (TARGET BOTTOM HOLE)</b> LATITUDE = 39°43'42.74" (39.728540) LONGITUDE = 110°05'18.02" (110.088339)	<b>NAD 27 (SURFACE LOCATION)</b> LATITUDE = 39°43'36.23" (39.726731) LONGITUDE = 110°05'05.71" (110.084919)
<b>STATE PLANE NAD 27</b> N: 511302.73 E: 2397011.28	<b>STATE PLANE NAD 27</b> N: 510659.16 E: 2397983.67

SCALE 1" = 1000'	DATE SURVEYED: 10-07-08	DATE DRAWN: 10-15-08
PARTY D.R. A.H. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**PETERS POINT 16-35 PAD**

**PETERS POINT 10-35D-12-16**

**PETERS POINT 10-35D-12-16**

**Plan: Design #2**

## **Standard Planning Report**

**9 December, 2008**



**Weatherford®**



Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT 16-35 PAD  
 Well: PETERS POINT 10-35D-12-16  
 Wellbore: PETERS POINT 10-35D-12-16  
 Design: Design #2  
 Latitude: 39° 43' 36.230 N  
 Longitude: 110° 5' 5.710 W  
 GL: 6782.00  
 KB: WELL @ 6799.00ft (Original Well Elev)



WELL DETAILS: PETERS POINT 10-35D-12-16							
+N-S	+E-W	Ground Level:	6782.00		Latitude	Longitude	Slot
0.00	0.00	510659.37	2397983.29	39° 43' 36.230 N	110° 5' 5.710 W		

WELLBORE TARGET DETAILS (LAT/LONG)							
Name	TVD	+N-S	+E-W	Latitude	Longitude	Shape	
PBHL 10-35D-12-16	6974.00	658.75	-961.81	39° 43' 42.740 N	110° 5' 18.020 W	Circle (Radius: 100.00)	

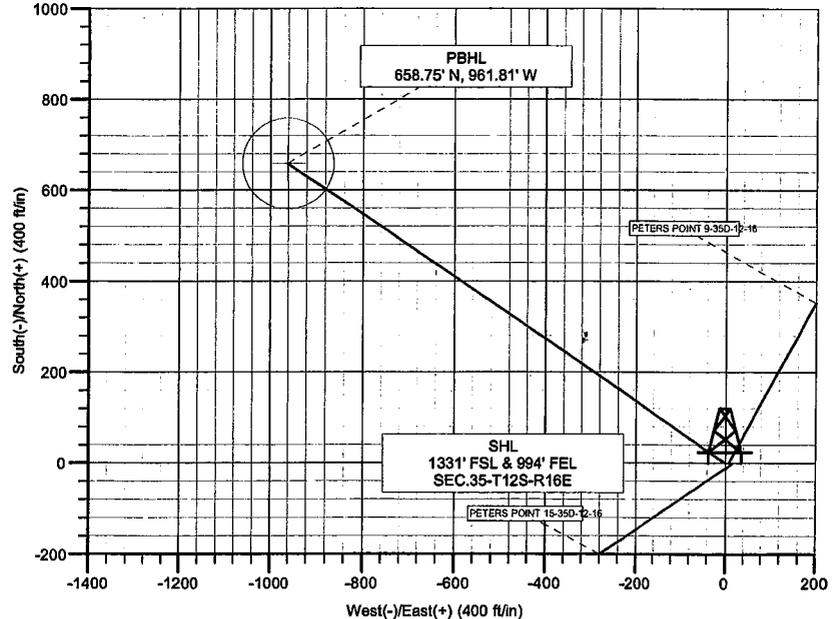
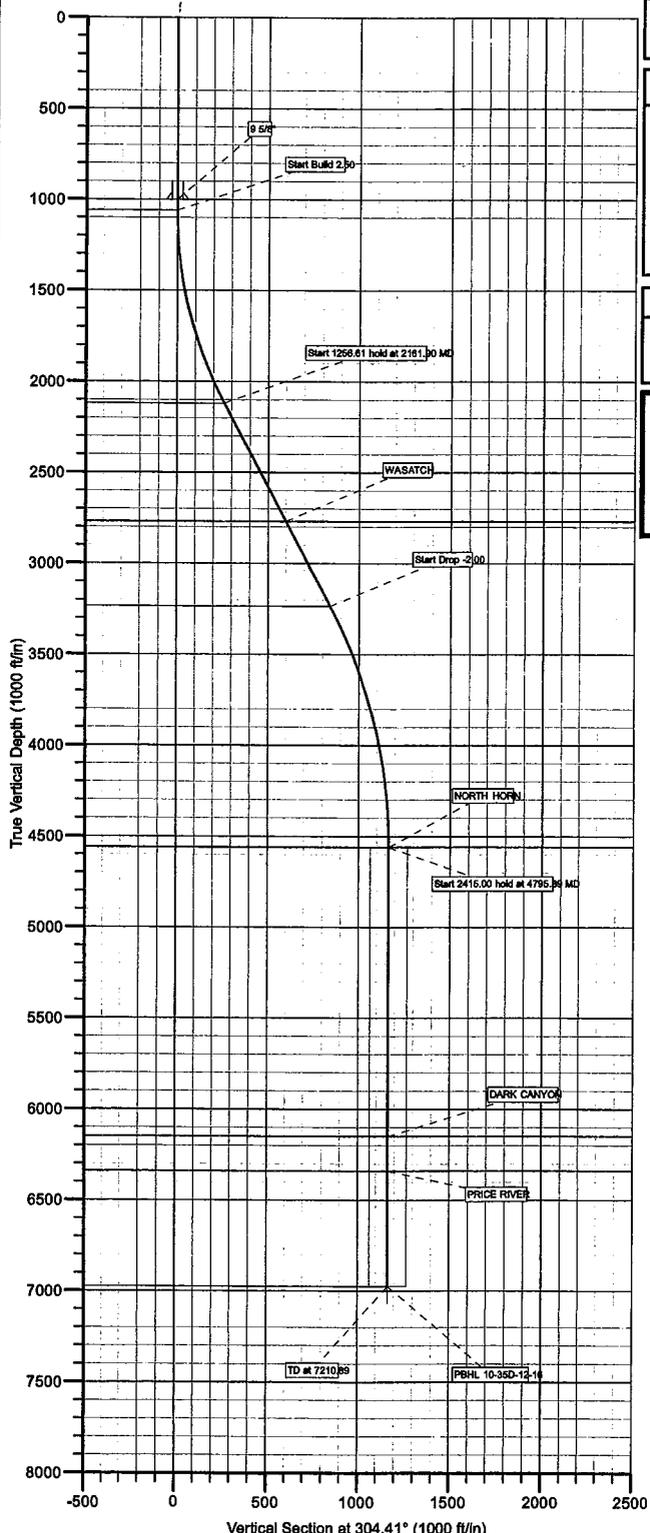
SECTION DETAILS									
MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.50
1060.00	0.00	0.00	1060.00	0.00	0.00	0.00	0.00	0.00	Start 1256.61 hold at 2161.90 MD
2161.90	27.55	304.41	2119.94	146.82	-214.37	2.50	304.41	259.83	Start Drop -2.00
3418.51	27.55	304.41	3234.08	475.22	-693.85	0.00	0.00	840.99	Start 2415.00 hold at 4795.89 MD
4795.89	0.00	0.00	4599.00	658.75	-961.81	2.00	180.00	1165.78	TD at 7210.89
7210.89	0.00	0.00	6974.00	658.75	-961.81	0.00	0.00	1165.78	

CASING DETAILS			
TVD	MD	Name	Size
1000.00	1000.00	9 5/8"	9-5/8

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
2769.00	2893.96	WASATCH	
4599.00	4795.89	NORTH HORN	
6149.00	6385.89	DARK CANYON	
6339.00	6575.89	PRICE RIVER	

Azimuths to True North  
 Magnetic North: 11.63°  
 Magnetic Field  
 Strength: 52340.0nT  
 Dip Angle: 65.62°  
 Date: 12/30/2008  
 Model: BGGM2008

**LEGEND**  
 - PETERS POINT 10-35D-12-16, PETERS POINT 10-35D-12-16, Design #2 V0  
 - PETERS POINT 9-35D-12-16, PETERS POINT 9-35D-12-16, Design #2 V0  
 - Design #2



Plan: Design #2 (PETERS POINT 10-35D-12-16/PETERS POINT 10-35D-12-16)  
 Created By: TRACY WILLIAMS Date: 14:52, December 09 2008



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**PETERS POINT 16-35 PAD**

**PETERS POINT 10-35D-12-16**

**PETERS POINT 10-35D-12-16**

**Plan: Design #2**

## **Standard Planning Report**

**09 December, 2008**



**Weatherford®**

**Database:** EDM 2003.21 Single User Db  
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PETERS POINT 16-35 PAD  
**Well:** PETERS POINT 10-35D-12-16  
**Wellbore:** PETERS POINT 10-35D-12-16  
**Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	CARBON COUNTY, UT (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		Using geodetic scale factor

<b>Site</b>	PETERS POINT 16-35 PAD				
<b>Site Position:</b>		<b>Northing:</b>	510,659.39ft	<b>Latitude:</b>	39° 43' 36.230 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,397,983.29ft	<b>Longitude:</b>	110° 5' 5.710 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.91 °

<b>Well</b>	PETERS POINT 10-35D-12-16					
<b>Well Position</b>	<b>+N/-S</b>	-0.03 ft	<b>Northing:</b>	510,659.37 ft	<b>Latitude:</b>	39° 43' 36.230 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,397,983.29 ft	<b>Longitude:</b>	110° 5' 5.710 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,782.00ft

<b>Wellbore</b>	PETERS POINT 10-35D-12-16				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2008	12/9/2008	11.63	65.62	52,340

<b>Design</b>	Design #2			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	304.41

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,161.90	27.55	304.41	2,119.94	146.82	-214.37	2.50	2.50	0.00	304.41	
3,418.51	27.55	304.41	3,234.08	475.22	-693.85	0.00	0.00	0.00	0.00	
4,795.89	0.00	0.00	4,559.00	658.75	-961.81	2.00	-2.00	0.00	180.00	
7,210.89	0.00	0.00	6,974.00	658.75	-961.81	0.00	0.00	0.00	0.00	0.00 PBHL 10-35D-12-16



Database: EDM 2003.21 Single User Db  
 Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT 16-35 PAD  
 Well: PETERS POINT 10-35D-12-16  
 Wellbore: PETERS POINT 10-35D-12-16  
 Design: Design #2

Local Co-ordinate Reference: Well PETERS POINT 10-35D-12-16  
 TVD Reference: WELL @ 6799.00ft (Original Well Elev)  
 MD Reference: WELL @ 6799.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

Planned 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>9 5/8"</b>									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 2.50</b>									
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	1.00	304.41	1,100.00	0.20	-0.29	0.35	2.50	2.50	0.00
1,200.00	3.50	304.41	1,199.91	2.42	-3.53	4.27	2.50	2.50	0.00
1,300.00	6.00	304.41	1,299.56	7.09	-10.36	12.55	2.50	2.50	0.00
1,400.00	8.50	304.41	1,398.75	14.23	-20.77	25.17	2.50	2.50	0.00
1,500.00	11.00	304.41	1,497.30	23.79	-34.74	42.11	2.50	2.50	0.00
1,600.00	13.50	304.41	1,595.02	35.78	-52.24	63.32	2.50	2.50	0.00
1,700.00	16.00	304.41	1,691.71	50.17	-73.25	88.78	2.50	2.50	0.00
1,800.00	18.50	304.41	1,787.21	66.92	-97.71	118.43	2.50	2.50	0.00
1,900.00	21.00	304.41	1,881.32	86.02	-125.59	152.22	2.50	2.50	0.00
2,000.00	23.50	304.41	1,973.87	107.41	-156.83	190.08	2.50	2.50	0.00
2,100.00	26.00	304.41	2,064.67	131.07	-191.36	231.95	2.50	2.50	0.00
<b>Start 1256.61 hold at 2161.90 MD</b>									
2,161.90	27.55	304.41	2,119.94	146.82	-214.37	259.83	2.50	2.50	0.00
2,200.00	27.55	304.41	2,153.72	156.78	-228.91	277.45	0.00	0.00	0.00
2,300.00	27.55	304.41	2,242.38	182.91	-267.06	323.70	0.00	0.00	0.00
2,400.00	27.55	304.41	2,331.04	209.05	-305.22	369.95	0.00	0.00	0.00
2,500.00	27.55	304.41	2,419.70	235.18	-343.38	416.20	0.00	0.00	0.00
2,600.00	27.55	304.41	2,508.37	261.32	-381.53	462.44	0.00	0.00	0.00
2,700.00	27.55	304.41	2,597.03	287.45	-419.69	508.69	0.00	0.00	0.00
2,800.00	27.55	304.41	2,685.69	313.58	-457.85	554.94	0.00	0.00	0.00
<b>WASATCH</b>									
2,893.96	27.55	304.41	2,769.00	338.14	-493.70	598.40	0.00	0.00	0.00
2,900.00	27.55	304.41	2,774.36	339.72	-496.00	601.19	0.00	0.00	0.00
3,000.00	27.55	304.41	2,863.02	365.85	-534.16	647.44	0.00	0.00	0.00
3,100.00	27.55	304.41	2,951.68	391.99	-572.32	693.69	0.00	0.00	0.00
3,200.00	27.55	304.41	3,040.34	418.12	-610.47	739.93	0.00	0.00	0.00
3,300.00	27.55	304.41	3,129.01	444.25	-648.63	786.18	0.00	0.00	0.00
3,400.00	27.55	304.41	3,217.67	470.39	-686.79	832.43	0.00	0.00	0.00
<b>Start Drop -2.00</b>									
3,418.51	27.55	304.41	3,234.08	475.22	-693.85	840.99	0.00	0.00	0.00
3,500.00	25.92	304.41	3,306.86	495.94	-724.09	877.65	2.00	-2.00	0.00
3,600.00	23.92	304.41	3,397.54	519.74	-758.85	919.78	2.00	-2.00	0.00
3,700.00	21.92	304.41	3,489.65	541.75	-790.98	958.71	2.00	-2.00	0.00
3,800.00	19.92	304.41	3,583.05	561.92	-820.43	994.42	2.00	-2.00	0.00
3,900.00	17.92	304.41	3,677.65	580.24	-847.18	1,026.83	2.00	-2.00	0.00
4,000.00	15.92	304.41	3,773.31	596.68	-871.18	1,055.93	2.00	-2.00	0.00
4,100.00	13.92	304.41	3,869.94	611.23	-892.42	1,081.67	2.00	-2.00	0.00
4,200.00	11.92	304.41	3,967.40	623.86	-910.87	1,104.03	2.00	-2.00	0.00
4,300.00	9.92	304.41	4,065.59	634.56	-926.49	1,122.97	2.00	-2.00	0.00
4,400.00	7.92	304.41	4,164.37	643.32	-939.28	1,138.47	2.00	-2.00	0.00



**Weatherford International Ltd.**  
Planning Report



**Database:** EDM 2003.21 Single User Db  
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PETERS POINT 16-35 PAD  
**Well:** PETERS POINT 10-35D-12-16  
**Wellbore:** PETERS POINT 10-35D-12-16  
**Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

**Planned 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)
4,500.00	5.92	304.41	4,263.64	650.13	-949.22	1,150.51	2.00	-2.00	0.00
4,600.00	3.92	304.41	4,363.27	654.97	-956.29	1,159.08	2.00	-2.00	0.00
4,700.00	1.92	304.41	4,463.13	657.85	-960.49	1,164.17	2.00	-2.00	0.00
<b>Start 2415.00 hold at 4795.89 MD - NORTH HORN</b>									
4,795.89	0.00	0.00	4,559.00	658.75	-961.81	1,165.78	2.00	-2.00	57.98
4,800.00	0.00	0.00	4,563.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
4,900.00	0.00	0.00	4,663.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,000.00	0.00	0.00	4,763.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,100.00	0.00	0.00	4,863.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,200.00	0.00	0.00	4,963.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,300.00	0.00	0.00	5,063.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,400.00	0.00	0.00	5,163.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,500.00	0.00	0.00	5,263.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,600.00	0.00	0.00	5,363.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,700.00	0.00	0.00	5,463.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,800.00	0.00	0.00	5,563.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
5,900.00	0.00	0.00	5,663.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,000.00	0.00	0.00	5,763.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,100.00	0.00	0.00	5,863.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,200.00	0.00	0.00	5,963.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,300.00	0.00	0.00	6,063.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
<b>DARK CANYON</b>									
6,385.89	0.00	0.00	6,149.00	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,400.00	0.00	0.00	6,163.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,500.00	0.00	0.00	6,263.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
<b>PRICE RIVER</b>									
6,575.89	0.00	0.00	6,339.00	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,600.00	0.00	0.00	6,363.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,700.00	0.00	0.00	6,463.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,800.00	0.00	0.00	6,563.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
6,900.00	0.00	0.00	6,663.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
7,000.00	0.00	0.00	6,763.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
7,100.00	0.00	0.00	6,863.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
7,200.00	0.00	0.00	6,963.11	658.75	-961.81	1,165.78	0.00	0.00	0.00
<b>PBHL 10-35D-12-16</b>									
7,210.89	0.00	0.00	6,974.00	658.75	-961.81	1,165.78	0.00	0.00	0.00

**Design Targets**

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL 10-35D-12-16 - hit/miss target - Shape	0.00	0.00	6,974.00	658.75	-961.81	511,302.76	2,397,011.27	39° 43' 42.740 N	110° 5' 18.020 W
- plan hits target center - Circle (radius 100.00)									



Database: EDM 2003.21 Single User Db
Company: BILL BARRETT CORP
Project: CARBON COUNTY, UT (NAD 27)
Site: PETERS POINT 16-35 PAD
Well: PETERS POINT 10-35D-12-16
Wellbore: PETERS POINT 10-35D-12-16
Design: Design #2

Local Co-ordinate Reference: Well PETERS POINT 10-35D-12-16
TVD Reference: WELL @ 6799.00ft (Original Well Elev)
MD Reference: WELL @ 6799.00ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Casing Points

Table with 5 columns: Measured Depth (ft), Vertical Depth (ft), Name, Casing Diameter (in), Hole Diameter (in). Row 1: 1,000.00, 1,000.00, 9 5/8", 9-5/8, 12-1/4

Formations

Table with 7 columns: Measured Depth (ft), Vertical Depth (ft), Name, Lithology, Dip (°), Dip Direction (°). Rows include WASATCH, NORTH HORN, DARK CANYON, PRICE RIVER.

Plan Annotations

Table with 5 columns: Measured Depth (ft), Vertical Depth (ft), Local Coordinates (+N/-S (ft), +E/-W (ft)), Comment. Rows include Start Build 2.50, Start 1256.61 hold at 2161.90 MD, Start Drop -2.00, Start 2415.00 hold at 4795.89 MD, TD at 7210.89.



**Bill Barrett Corporation**

# **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**PETERS POINT 16-35 PAD**

**PETERS POINT 10-35D-12-16**

**PETERS POINT 10-35D-12-16**

**Design #2**

## **Anticollision Report**

**09 December, 2008**



**Weatherford®**

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT 10-35D-12-16
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Reference Site:</b>	PETERS POINT 16-35 PAD	<b>MD Reference:</b>	WELL @ 6799.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PETERS POINT 10-35D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	PETERS POINT 10-35D-12-16	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Reference Datum

<b>Reference</b>	Design #2		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.00ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma		

<b>Survey Tool Program</b>	Date	12/9/2008
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>
0.00	7,210.89	Design #2 (PETERS POINT 10-35D-12-16 MWD
		<b>Tool Name</b>
		MWD - Standard
		<b>Description</b>

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Summary</b>						
<b>Offset Well - Wellbore - Design</b>						
<b>PETERS POINT 16-35 PAD</b>						
PETERS POINT 15-35D-12-16 - PETERS POINT 15-35I	1,060.00	1,060.00	15.66	11.16	3.478	CC
PETERS POINT 15-35D-12-16 - PETERS POINT 15-35I	1,100.00	1,100.21	15.69	11.02	3.359	ES
PETERS POINT 15-35D-12-16 - PETERS POINT 15-35I	1,200.00	1,200.59	16.64	11.58	3.287	SF
PETERS POINT 9-35D-12-16 - PETERS POINT 9-35D-1	1,060.00	1,060.00	7.81	3.31	1.736	CC, ES, SF

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Reference Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis Reference (ft)	Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +W-S (ft)	+E-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	93.66	-1.00	15.63	15.66					
100.00	100.00	100.00	100.00	0.09	0.09	93.66	-1.00	15.63	15.66	15.47	0.19	83.936		
200.00	200.00	200.00	200.00	0.32	0.32	93.66	-1.00	15.63	15.66	15.02	0.64	24.617		
300.00	300.00	300.00	300.00	0.54	0.54	93.66	-1.00	15.63	15.66	14.57	1.09	14.424		
400.00	400.00	400.00	400.00	0.77	0.77	93.66	-1.00	15.63	15.66	14.12	1.54	10.200		
500.00	500.00	500.00	500.00	0.99	0.99	93.66	-1.00	15.63	15.66	13.67	1.98	7.890		
600.00	600.00	600.00	600.00	1.22	1.22	93.66	-1.00	15.63	15.66	13.22	2.43	6.433		
700.00	700.00	700.00	700.00	1.44	1.44	93.66	-1.00	15.63	15.66	12.78	2.88	5.430		
800.00	800.00	800.00	800.00	1.67	1.67	93.66	-1.00	15.63	15.66	12.33	3.33	4.698		
900.00	900.00	900.00	900.00	1.89	1.89	93.66	-1.00	15.63	15.66	11.88	3.78	4.139		
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	93.66	-1.00	15.63	15.66	11.43	4.23	3.700		
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	93.66	-1.00	15.63	15.66	11.16	4.50	3.478	CC	
1,100.00	1,100.00	1,100.21	1,100.21	2.34	2.33	95.09	-1.20	15.33	15.69	11.02	4.67	3.359	ES	
1,200.00	1,199.91	1,200.59	1,200.51	2.56	2.52	110.50	-3.41	12.05	16.64	11.58	5.06	3.287	SF	
1,300.00	1,299.56	1,300.47	1,300.03	2.78	2.72	134.26	-8.05	5.18	21.70	16.23	5.47	3.966		
1,400.00	1,398.75	1,399.48	1,398.24	3.03	2.94	151.95	-15.03	-5.18	33.15	27.23	5.92	5.600		
1,500.00	1,497.30	1,497.30	1,494.66	3.30	3.20	161.71	-24.25	-18.86	50.67	44.25	6.42	7.889		
1,600.00	1,595.02	1,593.63	1,588.82	3.63	3.50	166.91	-35.58	-35.65	73.53	66.54	6.99	10.521		
1,700.00	1,691.71	1,688.17	1,680.33	4.01	3.86	169.72	-48.83	-55.30	101.25	93.62	7.63	13.268		
1,800.00	1,787.21	1,780.69	1,768.87	4.47	4.27	171.23	-63.83	-77.55	133.57	125.21	8.36	15.971		
1,900.00	1,881.32	1,870.96	1,854.15	5.01	4.74	171.96	-80.39	-102.09	170.24	161.05	9.19	18.519		
2,000.00	1,973.87	1,958.83	1,935.96	5.65	5.27	172.20	-98.29	-128.64	211.05	200.93	10.12	20.846		
2,100.00	2,064.67	2,044.13	2,014.17	6.38	5.86	172.10	-117.34	-156.88	255.82	244.65	11.17	22.912		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**Weatherford International Ltd.**  
Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Offset Design PETERS POINT 16-35 PAD - PETERS POINT 15-35D-12-16 - PETERS POINT 15-35D-12-16 - Design													Offset Site Error:	0.00ft
Survey Program: 0-MWD													Offset Well Error:	0.00ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
2,161.90	2,119.94	2,095.61	2,060.73	6.89	6.23	171.91	-129.61	-175.08	285.42	273.57	11.85	24.081		
2,200.00	2,153.72	2,126.86	2,088.74	7.21	6.49	171.81	-137.35	-186.56	304.18	291.86	12.32	24.692		
2,300.00	2,242.38	2,207.72	2,160.35	-8.09	7.16	171.77	-158.35	-217.70	354.44	340.87	13.57	26.112		
2,400.00	2,331.04	2,292.62	2,234.61	8.99	7.92	172.21	-181.34	-251.80	405.66	390.74	14.92	27.185		
2,500.00	2,419.70	2,378.42	2,309.66	9.91	8.71	172.60	-204.60	-286.28	456.92	440.62	16.31	28.021		
2,600.00	2,508.37	2,464.22	2,384.71	10.84	9.51	172.92	-227.85	-320.76	508.21	490.49	17.71	28.689		
2,700.00	2,597.03	2,550.02	2,459.75	11.78	10.33	173.18	-251.11	-355.25	559.50	540.36	19.14	29.229		
2,800.00	2,685.69	2,635.82	2,534.80	12.73	11.15	173.39	-274.36	-389.73	610.81	590.23	20.59	29.673		
2,900.00	2,774.36	2,721.62	2,609.84	13.68	11.98	173.57	-297.62	-424.21	662.13	640.09	22.04	30.041		
3,000.00	2,863.02	2,807.42	2,684.89	14.64	12.82	173.73	-320.88	-458.70	713.46	689.95	23.51	30.351		
3,100.00	2,951.68	2,893.22	2,759.93	15.60	13.65	173.86	-344.13	-493.18	764.78	739.80	24.98	30.613		
3,200.00	3,040.34	2,979.02	2,834.98	16.57	14.50	173.98	-367.39	-527.67	816.12	789.65	26.46	30.838		
3,300.00	3,129.01	3,064.82	2,910.03	17.54	15.34	174.09	-390.64	-562.15	867.46	839.50	27.95	31.032		
3,400.00	3,217.67	3,150.62	2,985.07	18.51	16.19	174.18	-413.90	-596.63	918.80	889.35	29.45	31.201		
3,418.51	3,234.08	3,166.51	2,998.96	18.69	16.35	174.19	-418.20	-603.02	928.30	898.58	29.72	31.231		
3,500.00	3,306.86	3,236.70	3,060.36	19.40	17.04	174.32	-437.23	-631.23	969.63	938.67	30.96	31.321		
3,600.00	3,397.54	3,325.14	3,137.72	20.13	17.91	174.64	-461.19	-666.76	1,018.93	986.55	32.38	31.469		
3,700.00	3,489.65	3,434.48	3,234.49	20.82	18.81	175.45	-489.64	-708.94	1,065.64	1,031.84	33.80	31.525		
3,800.00	3,583.05	3,547.44	3,336.43	21.45	19.62	176.23	-516.84	-749.28	1,108.87	1,073.76	35.12	31.576		
3,900.00	3,677.65	3,663.91	3,443.46	22.03	20.39	176.95	-542.50	-787.34	1,148.47	1,112.10	36.37	31.580		
4,000.00	3,773.31	3,783.72	3,555.42	22.55	21.13	177.61	-566.35	-822.69	1,184.26	1,146.72	37.54	31.548		
4,100.00	3,869.94	3,906.65	3,672.04	23.01	21.81	178.21	-588.07	-854.91	1,216.10	1,177.48	38.62	31.490		
4,200.00	3,967.40	4,032.44	3,792.99	23.42	22.42	178.73	-607.38	-883.54	1,243.84	1,204.25	39.59	31.417		
4,300.00	4,065.59	4,160.77	3,917.81	23.77	22.95	179.17	-624.01	-908.19	1,267.35	1,226.89	40.45	31.328		
4,400.00	4,164.37	4,291.25	4,045.96	24.07	23.42	179.52	-637.69	-928.48	1,286.52	1,245.31	41.20	31.225		
4,500.00	4,263.64	4,423.46	4,176.82	24.32	23.79	179.77	-648.21	-944.08	1,301.25	1,259.43	41.82	31.116		
4,600.00	4,363.27	4,556.96	4,309.69	24.51	24.08	179.93	-655.39	-954.73	1,311.46	1,269.15	42.31	30.998		
4,700.00	4,463.13	4,691.26	4,443.80	24.66	24.28	179.99	-659.12	-960.26	1,317.11	1,274.44	42.67	30.866		
4,795.89	4,559.00	4,806.46	4,559.00	24.75	24.39	179.97	-659.67	-961.08	1,318.43	1,275.54	42.89	30.739		
4,800.00	4,563.11	4,810.58	4,563.11	24.75	24.39	179.97	-659.67	-961.08	1,318.43	1,275.53	42.90	30.733		
4,900.00	4,563.11	4,810.58	4,563.11	24.84	24.47	179.97	-659.67	-961.08	1,318.43	1,275.34	43.09	30.595		
5,000.00	4,763.11	5,010.58	4,763.11	24.93	24.56	179.97	-659.67	-961.08	1,318.43	1,275.14	43.29	30.455		
5,100.00	4,863.11	5,110.58	4,863.11	25.02	24.65	179.97	-659.67	-961.08	1,318.43	1,274.94	43.49	30.314		
5,200.00	4,963.11	5,210.58	4,963.11	25.11	24.73	179.97	-659.67	-961.08	1,318.43	1,274.73	43.70	30.172		
5,300.00	5,063.11	5,310.58	5,063.11	25.20	24.83	179.97	-659.67	-961.08	1,318.43	1,274.52	43.91	30.028		
5,400.00	5,163.11	5,410.58	5,163.11	25.30	24.92	179.97	-659.67	-961.08	1,318.43	1,274.31	44.12	29.884		
5,500.00	5,263.11	5,510.58	5,263.11	25.39	25.01	179.97	-659.67	-961.08	1,318.43	1,274.09	44.33	29.738		
5,600.00	5,363.11	5,610.58	5,363.11	25.49	25.11	179.97	-659.67	-961.08	1,318.43	1,273.87	44.55	29.591		
5,700.00	5,463.11	5,710.58	5,463.11	25.59	25.20	179.97	-659.67	-961.08	1,318.43	1,273.65	44.78	29.444		
5,800.00	5,563.11	5,810.58	5,563.11	25.69	25.30	179.97	-659.67	-961.08	1,318.43	1,273.43	45.00	29.296		
5,900.00	5,663.11	5,910.58	5,663.11	25.79	25.40	179.97	-659.67	-961.08	1,318.43	1,273.20	45.23	29.147		
6,000.00	5,763.11	6,010.58	5,763.11	25.90	25.51	179.97	-659.67	-961.08	1,318.43	1,272.96	45.47	28.998		
6,100.00	5,863.11	6,110.58	5,863.11	26.00	25.61	179.97	-659.67	-961.08	1,318.43	1,272.73	45.70	28.848		
6,200.00	5,963.11	6,210.58	5,963.11	26.11	25.72	179.97	-659.67	-961.08	1,318.43	1,272.49	45.94	28.698		
6,300.00	6,063.11	6,310.58	6,063.11	26.22	25.82	179.97	-659.67	-961.08	1,318.43	1,272.24	46.18	28.547		
6,400.00	6,163.11	6,410.58	6,163.11	26.33	25.93	179.97	-659.67	-961.08	1,318.43	1,272.00	46.43	28.396		
6,500.00	6,263.11	6,510.58	6,263.11	26.44	26.04	179.97	-659.67	-961.08	1,318.43	1,271.75	46.68	28.245		
6,600.00	6,363.11	6,610.58	6,363.11	26.55	26.15	179.97	-659.67	-961.08	1,318.43	1,271.50	46.93	28.093		
6,700.00	6,463.11	6,710.58	6,463.11	26.67	26.27	179.97	-659.67	-961.08	1,318.43	1,271.24	47.18	27.942		
6,800.00	6,563.11	6,810.58	6,563.11	26.79	26.38	179.97	-659.67	-961.08	1,318.43	1,270.99	47.44	27.790		
6,900.00	6,663.11	6,910.58	6,663.11	26.90	26.50	179.97	-659.67	-961.08	1,318.43	1,270.73	47.70	27.639		
7,000.00	6,763.11	7,010.58	6,763.11	27.02	26.61	179.97	-659.67	-961.08	1,318.43	1,270.46	47.97	27.487		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**Weatherford International Ltd.**  
Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Offset Design													Offset Site Error:	0.00 ft	
Survey Program: 0-MWD													Offset Well Error:		0.00 ft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
7,100.00	6,863.11	7,110.58	6,863.11	27.14	26.73	179.97	-659.67	-961.08	1,318.43	1,270.20	48.23	27.335			
7,140.35	6,903.46	7,150.93	6,903.46	27.19	26.78	179.97	-659.67	-961.08	1,318.43	1,270.09	48.34	27.274			
7,200.00	6,963.11	7,166.46	6,919.00	27.26	26.80	179.97	-659.67	-961.08	1,319.17	1,270.73	48.44	27.233			
7,210.89	6,974.00	7,166.46	6,919.00	27.28	26.80	179.97	-659.67	-961.08	1,319.58	1,271.12	48.46	27.233			

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# Weatherford International Ltd.

## Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Offset Design PETERS POINT 16-35 PAD - PETERS POINT 9-35D-12-16 - PETERS POINT 9-35D-12-16 - Design #2													Offset Site Error:	0.00ft
Survey Program: 0-MWD													Offset Well Error:	0.00ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	7.81	7.81	7.81	0.19	41.883		
100.00	100.00	100.00	100.00	0.09	0.09	90.00	0.00	7.81	7.81	7.63	0.54	14.440		
178.87	178.87	178.87	178.87	0.27	0.27	90.00	0.00	7.81	7.81	7.27	0.64	12.284		
200.00	200.00	200.00	200.00	0.32	0.32	90.00	0.00	7.81	7.81	7.18	0.99	7.887		
278.87	278.87	278.87	278.87	0.50	0.50	90.00	0.00	7.81	7.81	6.82	1.09	7.197		
300.00	300.00	300.00	300.00	0.54	0.54	90.00	0.00	7.81	7.81	6.73	1.44	5.425		
378.87	378.87	378.87	378.87	0.72	0.72	90.00	0.00	7.81	7.81	6.37	1.54	5.090		
400.00	400.00	400.00	400.00	0.77	0.77	90.00	0.00	7.81	7.81	6.28	1.89	4.135		
478.87	478.87	478.87	478.87	0.94	0.94	90.00	0.00	7.81	7.81	5.92	1.98	3.937		
500.00	500.00	500.00	500.00	0.99	0.99	90.00	0.00	7.81	7.81	5.83	2.34	3.340		
578.87	578.87	578.87	578.87	1.17	1.17	90.00	0.00	7.81	7.81	5.47	2.43	3.210		
600.00	600.00	600.00	600.00	1.22	1.22	90.00	0.00	7.81	7.81	5.38	2.79	2.802		
678.87	678.87	678.87	678.87	1.39	1.39	90.00	0.00	7.81	7.81	5.02	2.88	2.709		
700.00	700.00	700.00	700.00	1.44	1.44	90.00	0.00	7.81	7.81	4.93	3.24	2.413		
778.87	778.87	778.87	778.87	1.62	1.62	90.00	0.00	7.81	7.81	4.58	3.33	2.344		
800.00	800.00	800.00	800.00	1.67	1.67	90.00	0.00	7.81	7.81	4.48	3.69	2.119		
878.87	878.87	878.87	878.87	1.84	1.84	90.00	0.00	7.81	7.81	4.13	3.78	2.066		
900.00	900.00	900.00	900.00	1.89	1.89	90.00	0.00	7.81	7.81	4.03	3.68	4.14	1.889	
978.87	978.87	978.87	978.87	2.07	2.07	90.00	0.00	7.81	7.81	3.68	4.23	1.846		
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	90.00	0.00	7.81	7.81	3.58	4.50	1.736	CC, ES, SF	
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	90.00	0.00	7.81	7.81	3.31	4.68	1.760		
1,100.00	1,100.00	1,099.94	1,099.94	2.34	2.34	89.67	0.24	7.95	8.23	3.56	5.11	2.541		
1,200.00	1,199.91	1,199.64	1,199.59	2.56	2.56	87.47	2.99	9.44	12.98	7.87	5.55	4.149		
1,300.00	1,299.56	1,298.80	1,298.52	2.78	2.79	85.91	8.74	12.57	23.01	17.47	5.99	6.387		
1,400.00	1,398.75	1,397.05	1,396.27	3.03	3.02	85.24	17.39	17.29	38.27	32.28	6.45	9.091		
1,500.00	1,497.30	1,494.03	1,492.37	3.30	3.26	85.07	28.82	23.51	58.67	52.22	6.95	12.113		
1,600.00	1,595.02	1,589.41	1,586.40	3.63	3.52	85.17	42.84	31.15	84.13	77.18	7.48	15.316		
1,700.00	1,691.71	1,682.88	1,677.98	4.01	3.81	85.43	59.23	40.08	114.51	107.04	8.06	18.577		
1,800.00	1,787.21	1,774.15	1,766.78	4.47	4.13	85.81	77.77	50.17	149.68	141.62	8.70	21.772		
1,900.00	1,881.32	1,864.40	1,853.95	5.01	4.48	86.25	98.28	61.35	189.33	180.63	9.38	24.755		
2,000.00	1,973.87	1,954.69	1,941.04	5.65	4.86	87.07	119.18	72.73	232.19	222.81	10.11	27.505		
2,100.00	2,064.67	2,043.41	2,026.63	6.38	5.25	88.20	139.71	83.91	278.03	267.92	10.58	29.115		
2,161.90	2,119.94	2,097.46	2,078.77	6.89	5.49	88.99	152.22	90.73	307.91	297.33	10.89	29.992		
2,200.00	2,153.72	2,130.52	2,110.66	7.21	5.65	89.45	159.87	94.89	326.67	315.77	11.74	32.032		
2,300.00	2,242.38	2,217.29	2,194.36	8.09	6.05	90.46	179.95	105.83	375.99	364.25	12.61	33.742		
2,400.00	2,331.04	2,304.05	2,278.06	8.99	6.46	91.22	200.03	116.77	425.40	412.79	13.50	35.185		
2,500.00	2,419.70	2,390.82	2,361.76	9.91	6.88	91.83	220.11	127.71	474.87	461.38	14.40	36.416		
2,600.00	2,508.37	2,477.59	2,445.46	10.84	7.30	92.33	240.19	138.65	524.40	509.99	15.32	37.474		
2,700.00	2,597.03	2,564.35	2,529.16	11.78	7.73	92.73	260.28	149.58	573.95	558.63	16.24	38.392		
2,800.00	2,685.69	2,651.12	2,612.86	12.73	8.16	93.08	280.36	160.52	623.53	607.29	17.17	39.193		
2,900.00	2,774.36	2,737.89	2,696.56	13.68	8.59	93.37	300.44	171.46	673.13	655.95	18.12	39.897		
3,000.00	2,863.02	2,824.65	2,780.26	14.64	9.03	93.62	320.52	182.40	722.74	704.63	19.06	40.519		
3,100.00	2,951.68	2,911.42	2,863.95	15.60	9.47	93.84	340.60	193.33	772.37	753.31	20.01	41.073		
3,200.00	3,040.34	2,998.19	2,947.65	16.57	9.91	94.03	360.68	204.27	822.01	802.00	20.97	41.568		
3,300.00	3,129.01	3,084.95	3,031.35	17.54	10.36	94.20	380.76	215.21	871.66	850.69	21.93	42.013		
3,400.00	3,217.67	3,171.72	3,115.05	18.51	10.80	94.36	400.84	226.15	921.31	899.38	22.11	42.090		
3,418.51	3,234.08	3,187.78	3,130.55	18.69	10.89	94.38	404.56	228.17	930.50	908.40	22.91	42.349		
3,500.00	3,306.86	3,258.97	3,199.22	19.40	11.25	94.46	421.03	237.15	970.14	947.23	23.85	42.616		
3,600.00	3,397.54	3,347.58	3,284.69	20.13	11.71	94.44	441.54	248.32	1,016.48	992.63	24.79	42.769		
3,700.00	3,489.65	3,437.46	3,371.40	20.82	12.18	94.32	462.34	259.65	1,060.23	1,035.44	25.72	42.826		
3,800.00	3,583.05	3,528.52	3,459.24	21.45	12.65	94.11	483.41	271.13	1,101.36	1,075.64	26.63	42.803		
3,900.00	3,677.65	3,620.64	3,548.10	22.03	13.13	93.82	504.73	282.74	1,139.82	1,113.19				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Offset Design PETERS POINT 16-35 PAD - PETERS POINT 9-35D-12-16 - PETERS POINT 9-35D-12-16 - Design #2													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Reference				Offset		Semi Major Axis			Distance				Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,000.00	3,773.31	3,713.71	3,637.88	22.55	13.61	93.46	526.27	294.47	1,175.61	1,148.08	27.52	42.712		
4,100.00	3,869.94	3,807.60	3,728.46	23.01	14.10	93.02	548.00	306.31	1,208.70	1,180.31	28.40	42.566		
4,200.00	3,967.40	3,908.70	3,826.03	23.42	14.61	92.45	571.24	318.96	1,239.04	1,209.79	29.26	42.352		
4,300.00	4,065.59	4,028.53	3,942.58	23.77	15.06	91.77	595.66	332.26	1,265.35	1,235.30	30.05	42.114		
4,400.00	4,164.37	4,151.02	4,062.82	24.07	15.48	91.21	616.17	343.44	1,287.02	1,256.27	30.74	41.862		
4,500.00	4,263.64	4,275.73	4,186.13	24.32	15.84	90.78	632.40	352.28	1,303.92	1,272.58	31.34	41.602		
4,600.00	4,363.27	4,402.11	4,311.81	24.51	16.14	90.48	644.03	358.61	1,315.95	1,284.12	31.84	41.336		
4,700.00	4,463.13	4,529.62	4,439.07	24.66	16.37	90.30	650.81	362.31	1,323.03	1,290.82	32.21	41.077		
4,795.89	4,559.00	4,649.57	4,559.00	24.75	16.54	90.26	652.67	363.32	1,325.14	1,292.68	32.46	40.819		
4,800.00	4,563.11	4,653.69	4,563.11	24.75	16.54	90.26	652.67	363.32	1,325.14	1,292.67	32.47	40.806		
4,900.00	4,663.11	4,753.69	4,663.11	24.84	16.67	90.26	652.67	363.32	1,325.14	1,292.42	32.72	40.494		
5,000.00	4,763.11	4,853.69	4,763.11	24.93	16.80	90.26	652.67	363.32	1,325.14	1,292.16	32.98	40.177		
5,100.00	4,863.11	4,953.69	4,863.11	25.02	16.93	90.26	652.67	363.32	1,325.14	1,291.90	33.25	39.860		
5,200.00	4,963.11	5,053.69	4,963.11	25.11	17.06	90.26	652.67	363.32	1,325.14	1,291.63	33.51	39.543		
5,300.00	5,063.11	5,153.69	5,063.11	25.20	17.20	90.26	652.67	363.32	1,325.14	1,291.36	33.78	39.227		
5,400.00	5,163.11	5,253.69	5,163.11	25.30	17.34	90.26	652.67	363.32	1,325.14	1,291.09	34.05	38.912		
5,500.00	5,263.11	5,353.69	5,263.11	25.39	17.48	90.26	652.67	363.32	1,325.14	1,290.81	34.33	38.597		
5,600.00	5,363.11	5,453.69	5,363.11	25.49	17.62	90.26	652.67	363.32	1,325.14	1,290.53	34.61	38.284		
5,700.00	5,463.11	5,553.69	5,463.11	25.59	17.76	90.26	652.67	363.32	1,325.14	1,290.24	34.90	37.972		
5,800.00	5,563.11	5,653.69	5,563.11	25.69	17.91	90.26	652.67	363.32	1,325.14	1,289.96	35.19	37.661		
5,900.00	5,663.11	5,753.69	5,663.11	25.79	18.05	90.26	652.67	363.32	1,325.14	1,289.66	35.48	37.352		
6,000.00	5,763.11	5,853.69	5,763.11	25.90	18.20	90.26	652.67	363.32	1,325.14	1,289.37	35.77	37.044		
6,100.00	5,863.11	5,953.69	5,863.11	26.00	18.35	90.26	652.67	363.32	1,325.14	1,289.07	36.07	36.738		
6,200.00	5,963.11	6,053.69	5,963.11	26.11	18.50	90.26	652.67	363.32	1,325.14	1,288.77	36.37	36.434		
6,300.00	6,063.11	6,153.69	6,063.11	26.22	18.65	90.26	652.67	363.32	1,325.14	1,288.47	36.67	36.132		
6,400.00	6,163.11	6,253.69	6,163.11	26.33	18.81	90.26	652.67	363.32	1,325.14	1,288.16	36.98	35.833		
6,500.00	6,263.11	6,353.69	6,263.11	26.44	18.96	90.26	652.67	363.32	1,325.14	1,287.85	37.29	35.535		
6,600.00	6,363.11	6,453.69	6,363.11	26.55	19.12	90.26	652.67	363.32	1,325.14	1,287.54	37.60	35.239		
6,700.00	6,463.11	6,553.69	6,463.11	26.67	19.28	90.26	652.67	363.32	1,325.14	1,287.22	37.92	34.946		
6,800.00	6,563.11	6,653.69	6,563.11	26.79	19.44	90.26	652.67	363.32	1,325.14	1,286.90	38.24	34.656		
6,900.00	6,663.11	6,753.69	6,663.11	26.90	19.60	90.26	652.67	363.32	1,325.14	1,286.58	38.56	34.368		
7,000.00	6,763.11	6,853.69	6,763.11	27.02	19.76	90.26	652.67	363.32	1,325.14	1,286.26	38.88	34.082		
7,100.00	6,863.11	6,953.69	6,863.11	27.14	19.92	90.26	652.67	363.32	1,325.14	1,285.94	39.21	33.799		
7,161.19	6,924.30	7,014.88	6,924.30	27.22	20.01	90.26	652.67	363.32	1,325.14	1,285.75	39.39	33.638		
7,200.00	6,963.11	7,039.57	6,949.00	27.26	20.03	90.26	652.67	363.32	1,325.22	1,285.74	39.48	33.570		
7,210.89	6,974.00	7,039.57	6,949.00	27.28	20.03	90.26	652.67	363.32	1,325.38	1,285.88	39.49	33.559		

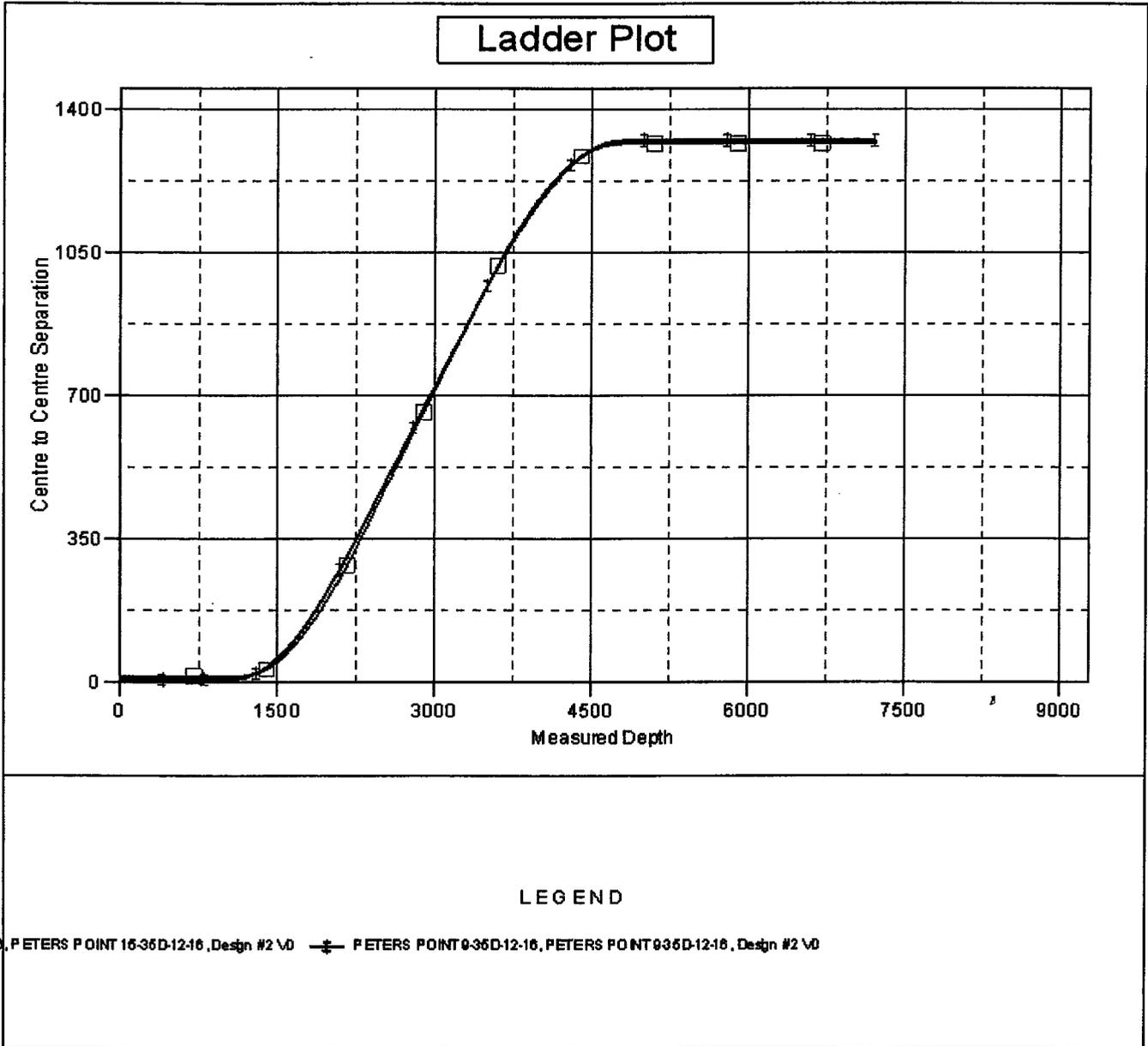
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Reference Depths are relative to WELL @ 6799.00ft (Original Well Elev) Coordinates are relative to: PETERS POINT 10-35D-12-16  
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Central Meridian is 111° 30' 0.000 W ° Grid Convergence at Surface is: 0.91°

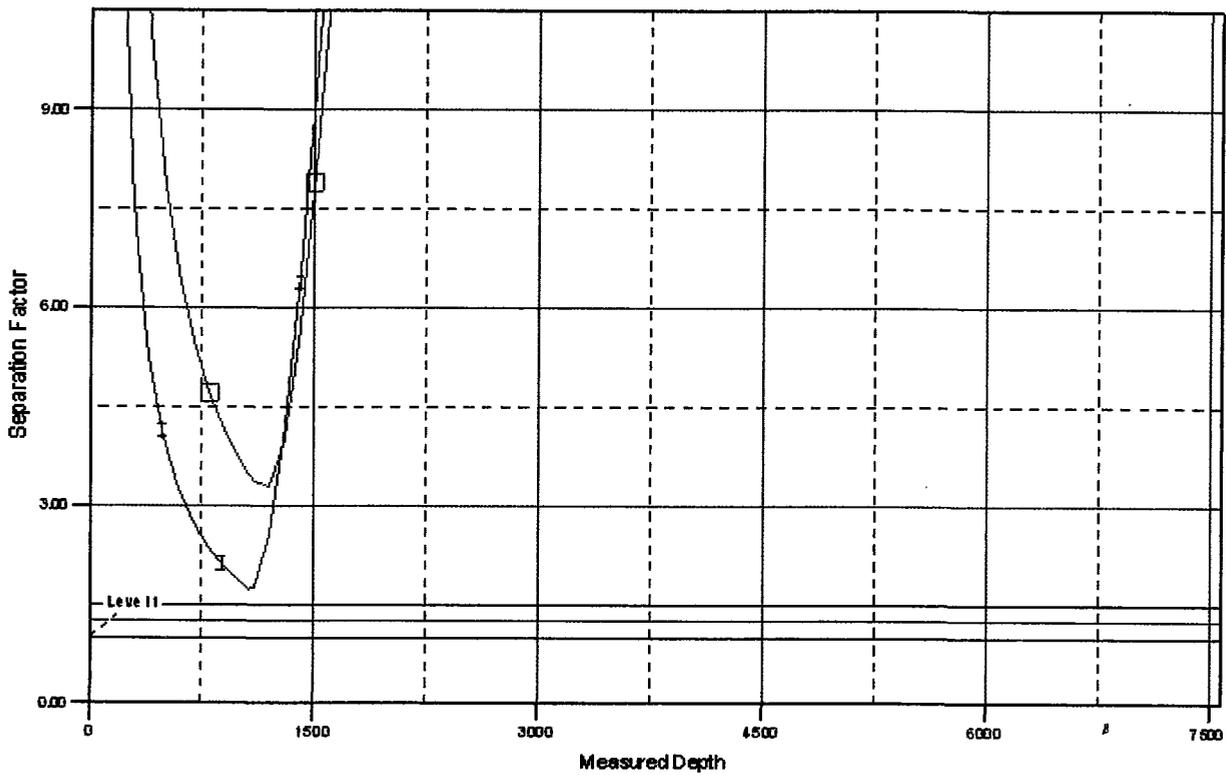


**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 16-35 PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT 10-35D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PETERS POINT 10-35D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT 10-35D-12-16  
**TVD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6799.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** EDM 2003.21 Single User Db  
**Offset TVD Reference:** Reference Datum

Reference Depths are relative to WELL @ 6799.00ft (Original Well Elev) Coordinates are relative to: PETERS POINT 10-35D-12-16  
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Central Meridian is 111° 30' 0.000 W ° Grid Convergence at Surface is: 0.91°

### Separation Factor Plot



#### LEGEND

- - - PETERS POINT 16-35D-12-16, Design #2 \0    —+— PETERS POINT 10-35D-12-16, PETERS POINT 10-35D-12-16, Design #2 \0



December 11, 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: Directional Drilling R649-3-11  
Peters Point Unit Federal 10-35D-12-16  
SHL: 1331' FSL & 994' FEL NESE 35-T12S-R16E  
BHL: 1989' FSL & 1953' FEL NWSE 35-T12S-R16E  
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 R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Peters Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

*Doug Gundry-White*  
Doug Gundry-White *by LF*  
Senior Landman

**RECEIVED**  
**DEC 16 2008**  
**DIV. OF OIL, GAS & MINING**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010  
**COPY**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

4. Lease Serial No.  
UTU-63014  
5. Federal Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Peter's Point / UTU-63014
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Peter's Point Unit Federal #10-35D-12-16
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31474
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NESE, 1331' FSL, 994' FEL Sec. 35, T12S-R16E, SLB&M		10. Field and Pool or Exploratory Area Peter's Point/Wasatch-Mesaverde
		11. Country or Parish, State Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Spud</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This sundry is being submitted as notification that this well was spud on December 16, 2008.

**RECEIVED**  
**DEC 23 2008**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang	Title Regulatory Analyst
Signature <i>Tracey Fallang</i>	Date 12/16/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165  
Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202 Phone Number: (303) 312-8134

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731474	Peter's Point Unit Federal 10-35D-12-16		NESE	35	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>2470</i>	12/16/2008		<i>12/30/08</i>		
Comments: <i>WSTMVD</i> Spud by Triple AAA drilling @ 3:00 pm, setting conductor pipe only. This well will not begin continuous drilling operations until April 2009. <i>BHL = NWSE</i>							

**CONFIDENTIAL**

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731476	Peter's Point Unit Federal 9-35D-12-16		NESE	35	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>2470</i>	12/16/2008		<i>12/30/08</i>		
Comments: <i>WSTMVD</i> Spud by Triple AAA drilling @ 3:00 pm, setting conductor pipe only. This well will not begin continuous drilling operations until April 2009. <i>BHL = NESE</i>							

**CONFIDENTIAL**

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731475	Peter's Point Unit Federal 15-35D-12-16		NESE	35	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>2470</i>	12/16/2008		<i>12/30/08</i>		
Comments: <i>WSTMVD</i> Spud by Triple AAA drilling @ 3:00 pm, setting conductor pipe only. This well will not begin continuous drilling operations until April 2009. <i>BHL = SWSE</i>							

**CONFIDENTIAL**

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)

Signature

Regulatory Analyst

Title

*Tracey Fallang*

12/16/2008

Date

(5/2000)

RECEIVED

DEC 17 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
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COPY

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

Lease Serial No.  
UTU-0681

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

- Oil Well     Gas Well     Other

2. Name of Operator  
Bill Barrett Corporation

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 10-35D-12-16

3a. Address  
1089 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

9. API Well No.  
43-007-31474

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NESE, S1331' FSL, 994' FEL  
Sec. 35, T12S-R16E, SLB&M

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Spud</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

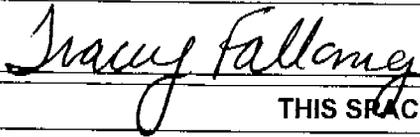
This sundry is being submitted as a revised notification that this well was spud on 1/18/09. Initially, a spud notification was submitted 12/17/08 with a spud date of 12/16/08.

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature



Date 01/19/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**JAN 26 2009**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
CONFIDENTIAL

**CONFIDENTIAL**

FORM 3160-5  
CMB No. 1004-0137  
Expires: July 31, 2010  
**COPY**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-0681

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NESE, T133N1 FSL, 994' FEL  
Sec. 35, T12S-R16E, SLB&M

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 10-35D-12-16

9. API Well No.  
43-007-31474

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Report
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 3/20/09-3/29/09 (report #'s 1-6).

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 03/30/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

(Instructions on page 2)

**APR 02 2009**

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

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 3/25/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 2

Depth At 06:00 : 1214.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 98

Morning Operations : DRILLING AHEAD.

Remarks :

Time To	Description
6:00 PM	MOVE RIG & SET IN. RELEASE TRUCKS @ 14:30. FINISH RIG UP.
7:00 PM	N/U B.O.P.'S
10:30 PM	TEST B.O.P.'S - TEST BLIND RAMS, PIPE RAMS, UPPER KELLEY, LOWER KELLEY, CHOKE LINES, KILL LINE, FLOOR VALVES & CHOKE MANIFOLD ALL TESTED HIGH @ 3000 PSI FOR 10 MIN / TESTED LOW @ 250 PSI FOR 5 MIN. ANNULAR TESTED HIGH @ 1500 PSI FOR 10 MIN / TESTED LOW @ 250 PSI FOR 5 MIN. CASING TESTED @ 1500 PSI FOR 30 MIN. R/D TESTER.
11:30 PM	INSTALL WEAR RING.
12:00 AM	P/U & ORIENT DIR TOOLS
1:30 AM	R.I.H. WITH B.H.A.
2:30 AM	DRILL CEMENT, FLOAT COLLAR & SHOE.
6:00 AM	DRILL F/ 1019'-1214'

DAYS SINCE LAST LOST TIME ACCIDENT= 245  
 SAFTEY MEETING: RIG UP  
 GALLONS OF DIESEL ON LOCATION=8272  
 BARRELS OF WATER USED DAILY=2040  
 BARRELS OF WATER USED TOTAL=2040  
 TUBULARS ON PETERS POINT  
 1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 3.5  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 21-6" DRILL COLLARS  
 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
 390-JOINTS OF 4 1/2" DRILL PIPE

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 3/24/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 1

Depth At 06:00 :

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 97

Morning Operations : RIG UP.

Remarks :

Time To	Description
6:00 AM	MOVE RIG / RIG UP

DAYS SINCE LAST LOST TIME ACCIDENT= 244  
 SAFTEY MEETING: RIG MOVE  
 GALLONS OF DIESEL ON LOCATION=  
 GALLONS OF DIESEL USED DAILY=  
 BARRELS OF WATER USED DAILY=  
 BARRELS OF WATER USED TOTAL=  
 TUBULARS ON PETERS POINT  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 21-6" DRILL COLLARS  
 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
 390-JOINTS OF 4 1/2" DRILL PIPE

# REGULATORY DRILLING SUMMARY

WELL CORE

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 3/27/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 4

Depth At 06:00 : 3518.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 100

Morning Operations : DRILLING

Remarks :

Time To	Description
5:00 PM	DRILLING FROM 2375' TO 2975' [SURVEYS,SLIDES AND ROTATE]
5:30 PM	RIG SERVICE B.O.P. DRILL FUNC. P.RAMS
6:00 AM	DRILLING FROM 2975' TO 3518' [SURVEYS,SLIDES AND ROTATE]

DAYS SINCE LAST LOST TIME ACCIDENT= 247  
 SAFTEY MEETING: = FREEZING AIR LINES  
 GALLONS OF DIESEL ON LOCATION=6463  
 GALLONS OF DIESEL USED DAILY=925  
 GALLONS OF DIESEL USED TOTAL=1809  
 BARRELS OF WATER USED DAILY=160  
 BARRELS OF WATER USED TOTAL=2540  
 TUBULARS ON PETERS POINT  
 1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 50.5  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 21-6" DRILL COLLARS  
 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
 390-JOINTS OF 4 1/2" DRILL PIPE

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 3/26/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 3

Depth At 06:00 : 2375.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 99

Morning Operations : DRILLING

Remarks :

Time To	Description
8:00 AM	DRILLING FROM 1214' TO 1310' [SURVEYS,SLIDES,ROTATE]
8:30 AM	RIG SERVICE AND BOP DRILL FUNC. PRAMS
6:00 AM	DRILLING FROM 1310' TO 2375' [SURVEYS,SLIDES AND ROTATE]

DAYS SINCE LAST LOST TIME ACCIDENT= 246  
 SAFTEY MEETING: DAPP MUD  
 GALLONS OF DIESEL ON LOCATION=7388  
 GALLONS OF DIESEL USED DAILY=884  
 GALLONS OF DIESEL USED TOTAL=884  
 BARRELS OF WATER USED DAILY=340  
 BARRELS OF WATER USED TOTAL=2380  
 TUBULARS ON PETERS POINT  
 1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 27  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 1-6 1/2" AKO MUD MOTER S/N HOURS=  
 21-6" DRILL COLLARS  
 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
 390-JOINTS OF 4 1/2" DRILL PIPE

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #10-35D-12-16

Phase/Area : West Tavaputs

Operations Date : 3/29/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 6

Depth At 06:00 : 5023.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 102

Morning Operations : PULL OUT OF HOLE [TIGHT]

Remarks :

Time To	Description
4:00 PM	DRILLING FROM 4435' TO 4767' [SURVEYS,SLIDES AND ROTATE]
4:30 PM	RIG SERVICE, B.O.P. DRILL FUNC. P.RAMS
2:00 AM	DRILLING FROM 4767' TO 5023' [SURVEYS,SLIDES AND ROTATE]
6:00 AM	PULL OUT OF HOLE WORK THOUGH TIGHT HOLE IN WASATCH FORMATION

DAYS SINCE LAST LOST TIME ACCIDENT= 248  
SAFTEY MEETING: = CASING PREPERATION  
GALLONS OF DIESEL ON LOCATION=4487  
GALLONS OF DIESEL USED DAILY=1030  
GALLONS OF DIESEL USED TOTAL=3785  
BARRELS OF WATER USED DAILY=80  
BARRELS OF WATER USED TOTAL=2780  
TUBULARS ON PETERS POINT  
1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 82  
1-6 1/2" AKO MUD MOTER S/N HOURS=  
1-6 1/2" AKO MUD MOTER S/N HOURS=  
21-6" DRILL COLLARS  
39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
390-JOINTS OF 4 1/2" DRILL PIPE

Well : Peter's Point #10-35D-12-16

Phase/Area : West Tavaputs

Operations Date : 3/28/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 5

Depth At 06:00 : 4435.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 101

Morning Operations : DRILLING

Remarks :

Time To	Description
3:00 PM	DRILLING FROM 3518' TO 3838' [SURVEYS,SLIDES AND ROTATE]
3:30 PM	RIG SERVICE AND BOP DRILL FUNC. P.RAMS
6:00 AM	DRILLING FROM 3838' TO 4435' [SURVEYS,SLIDES AND ROTATE]

DAYS SINCE LAST LOST TIME ACCIDENT= 248  
SAFTEY MEETING: = SETING CASING RACKS  
GALLONS OF DIESEL ON LOCATION=5517  
GALLONS OF DIESEL USED DAILY=946  
GALLONS OF DIESEL USED TOTAL=2755  
BARRELS OF WATER USED DAILY=160  
BARRELS OF WATER USED TOTAL=2700  
TUBULARS ON PETERS POINT  
1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 50.5  
1-6 1/2" AKO MUD MOTER S/N HOURS=  
1-6 1/2" AKO MUD MOTER S/N HOURS=  
21-6" DRILL COLLARS  
39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
390-JOINTS OF 4 1/2" DRILL PIPE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
**CONFIDENTIAL**  
**CONFIDENTIAL COPY**  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UT 066  
6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Peter's Point/UTU-63014
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Peter's Point Unit Federal 10-35D-12-16
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31474
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NESE, 11331' FSL, 994' FEL Sec. 35, T12S-R16E, SLB&M		10. Field and Pool or Exploratory Area Peter's Point/Wasatch-Mesaverde
		11. Country or Parish, State Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Report
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 3/30/09-4/6/09 (report #'s 7-11). Final drilling report, no further reports until completion operations begin.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang		Title Regulatory Analyst
Signature <i>Tracey Fallang</i>		Date 04/06/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**  
**APR 09 2009**  
DIV. OF OIL, GAS & MINING

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #10-35D-12-16

Phase/Area : West Tavaputs

Operations Date : 3/30/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 7

Depth At 06:00 : 5507.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 103

Morning Operations : DRILLING

## Remarks :

Time To	Description
2:30 PM	PULL OUT OF HOLE WORK THOUGH TIGHT SPOTS
3:30 PM	LAYDOWN DIRECTIONAL TOOLS CHANG OUT BIT AND MUD MOTOR
4:30 PM	RUN IN HOLE TO SHOE
5:30 PM	CUT AND SLIP 70' OF DRILLING LINE
11:00 PM	RUN IN HOLE
6:00 AM	DRILLING FROM 5023' TO 5507'

DAYS SINCE LAST LOST TIME ACCIDENT= 250  
SAFETY MEETING: = WORKING TIGHT HOLE  
GALLONS OF DIESEL ON LOCATION=3875  
GALLONS OF DIESEL USED DAILY=612  
GALLONS OF DIESEL USED TOTAL=4397  
BARRELS OF WATER USED DAILY=180  
BARRELS OF WATER USED TOTAL=2960  
TUBULARS ON PETERS POINT  
1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 82  
1-6 1/2" AKO MUD MOTER S/N 6245 HOURS=7  
1-6 1/2" AKO MUD MOTER S/N HOURS=  
21-6" DRILL COLLARS  
39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
390-JOINTS OF 4 1/2" DRILL PIPE

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 4/1/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 9

Depth At 06:00 : 7273.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 105

Morning Operations : PULL OUT OF HOLE

Remarks :

Time To	Description
8:30 AM	CHANGE OUT BIT AND MOTOR RUN IN HOLE
1:30 PM	DRILLING FROM 6506' TO 6659'
2:00 PM	RIG SERVICE AND BOP DRILL FUNC P RAMS
2:00 AM	DRILLING FROM 6659' TO 7273'
4:00 AM	WIPER TRIP TO 6300'
5:00 AM	CIRCULATE SWEEP AROUND,PUMP SLUG
6:00 AM	PULL OUT OF HOLE

DAYS SINCE LAST LOST TIME ACCIDENT= 252  
 SAFTEY MEETING: = RUN IN HOLE WITH FILLS  
 GALLONS OF DIESEL ON LOCATION=9640  
 GALLONS OF DIESEL USED DAILY=751  
 GALLONS OF DIESEL USED TOTAL=6632  
 BARRELS OF WATER USED DAILY=180  
 BARRELS OF WATER USED TOTAL=32220  
 TUBULARS ON PETERS POINT  
 1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 82  
 1-6 1/2" AKO MUD MOTER S/N 6245 HOURS=25.5  
 1-6 1/2" AKO MUD MOTER S/N 6281 HOURS=17  
 21-6" DRILL COLLARS  
 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
 390-JOINTS OF 4 1/2" DRILL PIPE

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 3/31/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 8

Depth At 06:00 : 6506.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 104

Morning Operations : CHANGE OUT BIT AND MOTOR

Remarks :

Time To	Description
4:00 PM	DRILLING FROM 5507' TO 6210'
4:30 PM	RIG SERVICE AND B.O.P. DRILL FUNC. P. RAMS
1:00 AM	DRILLING FROM 6210' TO 6506'
6:00 AM	PULL OUT OF HOLE [MUDMOTOR FAILER]

DAYS SINCE LAST LOST TIME ACCIDENT= 251  
 SAFTEY MEETING: = MUD MOTER FAILER  
 GALLONS OF DIESEL ON LOCATION=2391  
 GALLONS OF DIESEL USED DAILY=1484  
 GALLONS OF DIESEL USED TOTAL=5881  
 BARRELS OF WATER USED DAILY=80  
 BARRELS OF WATER USED TOTAL=3040  
 TUBULARS ON PETERS POINT  
 1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 82  
 1-6 1/2" AKO MUD MOTER S/N 6245 HOURS=25.5  
 1-6 1/2" AKO MUD MOTER S/N 6281 HOURS=  
 21-6" DRILL COLLARS  
 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
 390-JOINTS OF 4 1/2" DRILL PIPE

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 4/3/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 11

Depth At 06:00 : 7260.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 107

Morning Operations : PREPARE TO SKID AHEAD TO THE PETERS POINT 9-35

Remarks :

Time To	Description	Remarks :
9:00 AM	RUN 171 JOINTS OF 4 1/2" P-110 #11.6 L.T.C. IPSCO PRODUCTION CASING SET@7260' MARKER@5541' CENTRILIZED EVERY 129' FROM 999 TO 7236	DAYS SINCE LAST LOST TIME ACCIDENT= 255 SAFTEY MEETING: = PUMPING CEMENT GALLONS OF DIESEL ON LOCATION= GALLONS OF DIESEL USED DAILY= GALLONS OF DIESEL USED TOTAL=7403 BARRELS OF WATER USED DAILY=160 BARRELS OF WATER USED TOTAL=3540 TUBULARS ON PETERS POINT 1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 82 1-6 1/2" AKO MUD MOTER S/N 6245 HOURS=25.5 1-6 1/2" AKO MUD MOTER S/N 6281 HOURS=17 21-6" DRILL COLLARS 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE 390-JOINTS OF 4 1/2" DRILL PIPE
1:00 PM	PRESSURE TEST LINES TO 5000 PSI PUMP 20 BBL SUPER FLUSH, 10 BBL FRESH, 403 BBL=1520 SACK OF .3% POT CLOR, .75% HALAD-322, .2% FWCA, 3# SILICATE, .125# PLOYFLAKE, 1# GRANULITE, .3% SUPER CBL 50/50 POZ 13.4# 1.49 YEILD 7.01MIX CEMENT, DISPLACE WITH 112 BBL FRESH BUMP PLUG WITH 500 PSI OVER. PLUG AND FLOATS HELD RIG DOWN HALLIBURTON	
3:00 PM	NIPPLE DOWN BLOWOUT PREVENTERS	
4:00 PM	SET SLIPS WITH 10K OVER & CUT OFF	
6:00 AM	COMPLETE NIPPLE DOWN,CLEAN MUD TANKS,RIG DOWN PREPARE FOR SKID **RELEASE RIG AT 06:00 HOURS**	

Well : **Peter's Point #10-35D-12-16**

Phase/Area : West Tavaputs

Operations Date : 4/2/2009

Bottom Hole Display	API #/License
NWSE-35-12S-16E-W26M	43-007-31474

Report # : 10

Depth At 06:00 : 7273.00

Estimated Total Depth : 7210.00

Surface Location : NESE-35-12S-16E-W26M

Spud Date : 12/17/2008 Days From Spud : 106

Morning Operations : RUN CASING

Remarks :

Time To	Description	Remarks :
8:30 AM	PULL OUT OF HOLE	DAYS SINCE LAST LOST TIME ACCIDENT= 254 SAFTEY MEETING: = COME OUT SIDEWAYS GALLONS OF DIESEL ON LOCATION=9069 GALLONS OF DIESEL USED DAILY=571 GALLONS OF DIESEL USED TOTAL=7403 BARRELS OF WATER USED DAILY=160 BARRELS OF WATER USED TOTAL=3380 TUBULARS ON PETERS POINT 1-6 1/2" AKO MUD MOTER S/N 6024 HOURS= 82 1-6 1/2" AKO MUD MOTER S/N 6245 HOURS=25.5 1-6 1/2" AKO MUD MOTER S/N 6281 HOURS=17 21-6" DRILL COLLARS 39-JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE 390-JOINTS OF 4 1/2" DRILL PIPE
9:00 AM	LAYDOWN MUD MOTER&PULL WEAR RING	
11:00 AM	PreJobSafetyMeeting RIG UP HALLIBURTON	
2:30 PM	RUN TRIPPLE COMBO LOGS LOGERS T.D 7270' RIG DOWN HALLIBURTON	
5:30 PM	RUN IN HOLE, BREAK CIRCULATION AT 3700'	
8:30 PM	CIRCULATE SWEEP AROUND, PreJobSafeyMeeting RIG UP LAYDOWN MACHINE	
2:00 AM	LAY DOWN DRILL	
3:00 AM	PreJobSafetyMeeting RIG UP FRANKS WEST STATES CASERS	
6:00 AM	RUN 4 1/2 P-110 PRODUCTION CASING	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

CONFIDENTIAL  
CONFIDENTIAL

5. Lease Serial No.  
UTU-0681  
6. If Indian, A Name or Title Name  
N/A

COPY

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Peter's Point/UTU-63014
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Peter's Point Unit Federal 10-35D-12-16
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31474
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NESE, 11331' FSL, 994' FEL Sec. 35, T12S-R16E, SLB&M		10. Field and Pool or Exploratory Area Peter's Point/Wasatch-Mesaverde
		11. Country or Parish, State Carbon County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u> Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly completion activity report from 4/30/09-5/7/2009.

# 1

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang		Title Regulatory Analyst
Signature <i>Tracey Fallang</i>	Date 05/07/2009	

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

MAY 13 2009

DIV. OF OIL, GAS & MINING

**REPORT INFORMATION**

Report # : 1 Report Date : 05/02/2009

**LOCATION INFORMATION**Field West Well Name Peter's Point Unit Fed. #10-35D-12-  
: Tavaputs : 16**API/LICENSE # SURFACE LEGAL LOCATION**

43-007-31474 NESE

**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 :  
Ops Forecast :  
24hr. Summary : Logging  
Well Status :**FROM (TIME) TO (TIME) HOURS CODE CATEGORY COMMENT**

None

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

Rig(s) for today :

**CONTACTS**

Superintendent : Phone # :

Supervisor : Phone # :

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/26/2009	<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 further completion operations to begin.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 29, 2009

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/26/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> 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 further completion operations to begin.

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
	<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
	<b>COUNTY:</b> CARBON
	<b>STATE:</b> UTAH

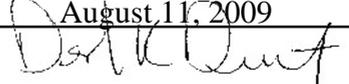
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/5/2009	<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 checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

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

In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A By: letter and affidavit of notice is attached.

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

Date: August 11, 2009  


<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/22/2009	



AFFIDAVIT OF NOTICE

My Name is Douglas W. G. Gundry-White. I am a Senior Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 5-35D-12-16 well located in the SWNW of Section 35, Township 12 South, Range 16 East, the Peters Point Unit Federal 9-35D-12-16 well located in the NESE of Section 35, Township 12 South, Range 16 East and the Peters Point Unit Federal 10-35D-12-16 located in the NWSE of Section 35, Township 12 South, Range 16 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah  
School and Institutional Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102

Bureau of Land Management  
Price Field Office  
125 South 600 West  
Price, UT 84501

Date: July 22, 2009

Affiant

  
\_\_\_\_\_  
Douglas W. G. Gundry-White

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

RECEIVED July 22, 2009



July 22, 2009

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
Salt Lake City, UT 84116

Attention: Dustin Doucet

RE: Sundry Notices  
Peter's Point Unit Federal 5-35D-12-16  
Peter's Point Unit Federal 9-35D-12-16  
Peter's Point Unit Federal 10-35D-12-16  
35 T12S R16E  
Carbon Co., UT

Dear Mr. Doucet:

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point UF 5-35D, 9-35D & 10-35D wells. We have enclosed herewith a copy of the Sundry Notices together with a plat showing the leases and wells in the area and affidavits confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regard, please feel free to contact me at 303-312-8129. Your earliest attention to this matter is most appreciated.

BILL BARRETT CORPORATION

A handwritten signature in blue ink, appearing to read 'Doug Gundry-White', with a long horizontal flourish extending to the right.

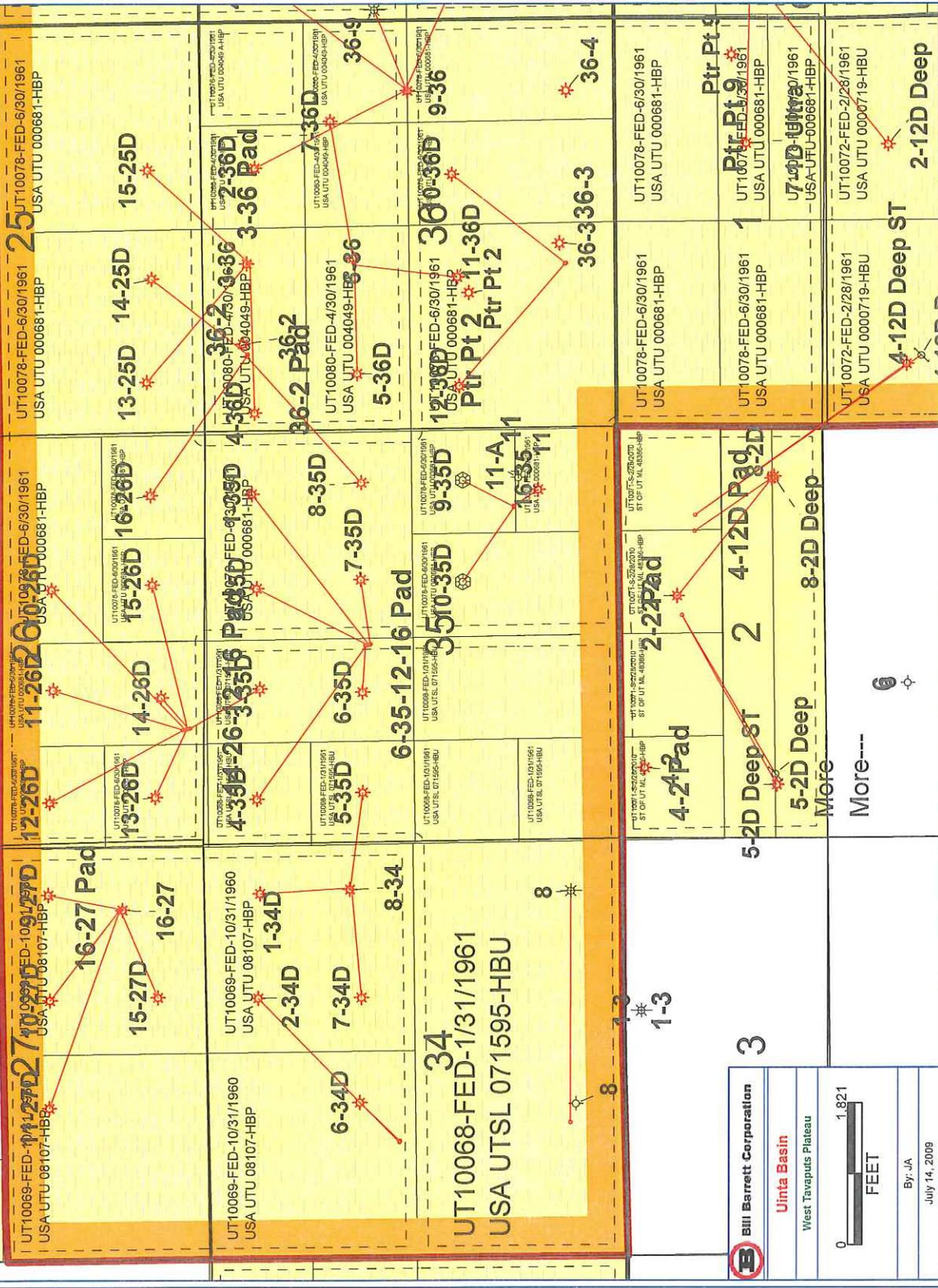
Doug Gundry-White  
Senior Landman

Enclosures

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

RECEIVED July 22, 2009

# 12S-16E



**Bill Barrett Corporation**  
**Uinta Basin**  
 West Tavaputs Plateau

0 1.821  
 FEET

By: JA  
 July 14, 2009

RECEIVED July 22, 2009

DETA 71417000 01-08-09 AM



July 22, 2009

Bureau of Land Management  
Price Field Office  
125 South 600 West  
Price, UT 84501

Certified Mail 7008 1830 0001 5245 2208

Attention: Marvin Hendricks

RE: Sundry Notices  
Peters Point Unit Federal 5-35D-12-16  
Peters Point Unit Federal 9-35D-12-16  
Peters Point Unit Federal 10-35D-12-16  
35 T12S R16E  
Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point UF 5-35D, 9-35D & 10-35D wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8129.

BILL BARRETT CORPORATION

A handwritten signature in blue ink, appearing to read 'Doug Gundry-White', is written over a horizontal line.

Doug Gundry-White  
Senior Landman

Enclosures

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

RECEIVED July 22, 2009



July 22, 2009

State of Utah  
School and Institutional Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102

Certified Mail 7008 1830 0001 5245 2215

Attention: LaVonne Garrison

RE: Sundry Notices  
Peters Point Unit Federal 5-35D-12-16  
Peters Point Unit Federal 9-35D-12-16  
Peters Point Unit Federal 10-35D-12-16  
35 T12S R16E  
Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point UF 5-35D, 9-35D & 10-35D wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8129.

BILL BARRETT CORPORATION

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Doug Gundry-White  
Senior Landman

Enclosures

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

RECEIVED July 22, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
	<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
	<b>COUNTY:</b> CARBON
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 9/3/2009	<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 further completion operations to begin.

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> 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
	<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 further completion operations to begin.

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

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

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202</p>	<p><b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43007314740000</p>
<p><b>PHONE NUMBER:</b> 303 312-8128 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT</p>
	<p><b>COUNTY:</b> CARBON</p>
	<p><b>STATE:</b> UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> 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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:

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

No activity, waiting on further completion operations to begin.

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
	<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
	<b>COUNTY:</b> CARBON
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> 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
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

No activity, waiting on further completion operations to begin.

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

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

<p><b>STATE OF UTAH</b>                  DEPARTMENT OF NATURAL RESOURCES                  DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b>                  UTU-0681</p>
<p><b>1. TYPE OF WELL</b>                  Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b>                  BILL BARRETT CORP</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b>                  PETERS POINT</p>
<p><b>3. ADDRESS OF OPERATOR:</b>                  1099 18th Street Ste 2300 , Denver, CO, 80202</p>	<p><b>8. WELL NAME and NUMBER:</b>                  PPU FED 10-35D-12-16</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b>                  1331 FSL 0994 FEL  <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b>                  Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S</p>	<p><b>9. API NUMBER:</b>                  43007314740000</p>
<p><b>PHONE NUMBER:</b>                  303 312-8128 Ext</p>	<p><b>9. FIELD and POOL or WILDCAT:</b>                  PETER'S POINT</p>
	<p><b>COUNTY:</b>                  CARBON</p>
	<p><b>STATE:</b>                  UTAH</p>

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

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

No activity, waiting on further completion operations to begin.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY**  
 January 07, 2010

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
	<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
	<b>COUNTY:</b> CARBON
	<b>STATE:</b> UTAH

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

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

No activity, waiting on further completion operations to begin.

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 4/7/2010	<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.

No activity, waiting on further completion operations to begin.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 April 12, 2010

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/7/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 5/6/2010	<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.

No activity, waiting on further completion operations to begin.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 May 12, 2010

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/6/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
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<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
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<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>COUNTY:</b> CARBON  <b>STATE:</b> 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"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 3/4/2010	<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.

No February activity, waiting on further completion operations to begin.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 March 08, 2010

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/4/2010	

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202</p>	<p><b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43007314740000</p>
	<p><b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT</p>
	<p><b>COUNTY:</b> CARBON</p>
	<p><b>STATE:</b> UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 4/7/2010	<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.

No activity, waiting on further completion operations to begin.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**  
 April 12, 2010

<p><b>NAME (PLEASE PRINT)</b> Tracey Fallang</p>	<p><b>PHONE NUMBER</b> 303 312-8134</p>	<p><b>TITLE</b> Regulatory Analyst</p>
<p><b>SIGNATURE</b> N/A</p>	<p><b>DATE</b> 4/7/2010</p>	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/3/2010	<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.

No activity, waiting on further completion operations to begin.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 07, 2010

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/5/2010	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  _____
	<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
	<b>COUNTY:</b> CARBON
	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/30/2010	<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.

No activity, waiting on further completion operations to begin.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 14, 2010

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/12/2010	

<p><b>STATE OF UTAH</b>                  DEPARTMENT OF NATURAL RESOURCES                  DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>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.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b>                  UTU-0681</p>
<p><b>1. TYPE OF WELL</b>                  Gas Well</p>	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
<p><b>2. NAME OF OPERATOR:</b>                  BILL BARRETT CORP</p>	<p><b>7. UNIT or CA AGREEMENT NAME:</b>                  PETERS POINT</p>
<p><b>3. ADDRESS OF OPERATOR:</b>                  1099 18th Street Ste 2300 , Denver, CO, 80202</p>	<p><b>8. WELL NAME and NUMBER:</b>                  PPU FED 10-35D-12-16</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b>                  1331 FSL 0994 FEL  <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b>                  Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S</p>	<p><b>9. API NUMBER:</b>                  43007314740000</p>
	<p><b>9. FIELD and POOL or WILDCAT:</b>                  PETER'S POINT</p>
	<p><b>COUNTY:</b>                  CARBON</p>
	<p><b>STATE:</b>                  UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/13/2010	<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 checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<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.

This sundry is being submitted as notification that this well had first sales on 7/13/10.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY**  
 July 20, 2010

<p><b>NAME (PLEASE PRINT)</b>                  Tracey Fallang</p>	<p><b>PHONE NUMBER</b>                  303 312-8134</p>	<p><b>TITLE</b>                  Regulatory Analyst</p>
<p><b>SIGNATURE</b>                  N/A</p>	<p><b>DATE</b>                  7/16/2010</p>	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
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<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
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<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
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<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>COUNTY:</b> CARBON  <b>STATE:</b> 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"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/31/2010	<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: <input style="width: 100px;" type="text"/>

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

July monthly activity report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 17, 2010

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/17/2010	

**Peter's Point #10-35D-12-16 7/1/2010 00:00 - 7/2/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out
Time Log Summary						
Onsite w/ HES, Cutter WL, Linde Gas, Steve Osborne. - 0						

**Peter's Point #10-35D-12-16 7/2/2010 00:00 - 7/3/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out
Time Log Summary						

**Peter's Point #10-35D-12-16 7/3/2010 00:00 - 7/4/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out
Time Log Summary						
Set up for Frac - 24						

**Peter's Point #10-35D-12-16 7/5/2010 00:00 - 7/6/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out
Time Log Summary						

**Peter's Point #10-35D-12-16 7/7/2010 00:00 - 7/8/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out
Time Log Summary						

**Peter's Point #10-35D-12-16 7/8/2010 00:00 - 7/9/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out
Time Log Summary						
<p>RU WL RIH Perf Zone #1 Price River 7,086-7,092'( 3 SPF 0.34" dia. Power Pak 120* Phasing, 18 shts). POH.            Zone #1: RU HES PT 8,500 Psi. Frac w/ 30# Linear CMHPG Foam. Base fld Water 8.42 lb/gal. CO2: 70Q            Avg Wellhead Rate: 17.4 BPM. Avg Slurry Rate: 7 BPM. Avg CO2 Rate: 9.4 BPM. Avg Pressure: 3,998 Psi. Max Wellhead Rate: 18.6 BPM. Max Slurry Rate: 8.3 BPM. Max CO2 Rate: 11.2 BPM. Max Pressure: 4,217 Psi. Wellhead Pressure: 47 Psi. Break: 3,687 Psi @5.2 bpm. Total Fluid pmpd: 206 bbls. Total Sand(20/40 White) in Formation: 24,200 lb. CO2 Downhole 42 ton. CO2 Cool Down 4 ton. Final Inj Psi. 3,513 Psi @ 9.1 bpm. ISIP: 3,021 Psi. 5 min: 2,920 Psi. Frac Gradient: 0.86 Psi/ft.42 Liquid Horsepower 685.93 hhp. CO2 Horsepower: 921.11 hhp.</p> <p>RU WL RIH w/ HES 8K CFBP and set at 7,020'. Perf Zone #2 Price River 6,980'-6,986' and 6,966'-6,970' (3 spf 0.34" dia Power Pak 120* phasing, 30 shts). POH.            Zone #2: PT 8,500 Psi. Frac w/ 30# Linear CMHPG Foam. Base Fld Fresh Water : 8.42 lb/gal. CO2 @ 70Q.            Avg Wellhead Rate: 24 BPM. Avg Slurry Rate: 9.7 BPM. Avg CO2 Rate: 12.9 BPM. Avg Pressure: 5,191 Psi. Max Wellhead Rate: 25.5 BPM. Max Slurry Rate: 11.5 BPM. Max CO2 Rate: 15.5 BPM. Max Pressure: 5,492 Psi. Wellhead Pressure: 2,817 Psi. Break: 4,175 Psi. Total Fld Pmpd: 334 bbls. Total Sand (20/40 White) in Formation: 56,100 lb. CO2 Downhole: 81 ton. CO2 Cool Down: 4 Ton. Final Injection:4,400 Psi. ISIP: 3,821 Psi. 5 min: 3,665 Psi. Frac Gradient:0.99 psi/ft.            Liquid Horsepower: 1234.13 hhp. CO2 Horsepower: 1,641.27 hhp</p> <p>RU WL RIH w/ HES 8K CFBP and set @ 6,810'. Perf Zone #3 Price River: 6,778' to 6,782' &amp; 6,740' to 6,744' &amp; 6,718' to 6,720' (3 spf 0.34" dia. Power Pak 120* Phasing,30 shts). POH            Zone #3: PT 8,500 Psi. Frac w/ 30# Linear CMHPG Foam. Base Fld Fresh Water: 8.42 lb/gal. CO2 @ 70Q.            Avg Wellhead Rate: 38.6 BPM. Avg Slurry Rate:15.3 BPM. - 0, Avg CO2 Rate: 21.1 BPM. Avg Pressure: 6,084 Psi. Max Wellhead Rate: 40.6 BPM. Max Slurry Rate: 18.4 BPM. Max CO2 Rate: 24.5 BPM. Max Pressure: 6,478 Psi. Wellhead Pressure: 2,601 Psi. Break: 2,861 Psi. Total Fluid Pmpd: 653 bbls.            Total Sand in Formation: 128,300 lb. CO2 Downhole: 180 ton. CO2 Cool down: 8 ton. Final Injection 4,000 Psi. ISIP: 3,130 Psi. 5 min: 3,035 Psi. Frac Gradient: 0.90 psi/ft. Liquid Horsepower: 2,281.50 hhp. Co2 Horsepower: 3,146.38 hhp.</p> <p>RU WL RIH w/ HES 8K CFBP @ 6,670'. Perf Zone #4 Price River 6,632' to 6,640' (3 spf 0.34" dia Power Pak 120* phasing, 24 shts)            Zone #4: Frac 30# Linear CMHPG Foam. Base Fluid: Fresh Water 8.42 lb/gal. Avg Wellhead Rate: 17.4 BPM. Avg Slurry Rate: 7 BPM. Avg CO2 Rate: 9.4 BPM. Avg Pressure: 4,534 BPM. Max Wellhead Rate: 18.2 BPM. Max Slurry Rate:8.3 BPM.            Max CO2 Rate: 11.7 BPM. Max Pressure: 4,813 Psi. Wellhead Pressure: 2,664 Psi. Break: 5,391 Psi. Total Fluid Pmpd:232 bbls. Total Sand in Formation: 28,000 lb. CO2 Downhole: 49 ton. CO2 Cool Down: 4 ton. Final Injection: 4,127 Psi. ISIP: 3,750 Psi. 5 min: 3,480 Psi. Frac Gradient: 1.0 psi/ft. Liquid Horsepower: 777.89 hhp CO2 Horsepower: 1,044.60 hhp. - 0</p>						

**Peter's Point #10-35D-12-16 7/9/2010 00:00 - 7/10/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out
Time Log Summary						
Flowback Overnight Open @ 18:00 July 8 2010 With 3,320 Psi. Open on a 24/64" 482 bbls water in 12 hrs. 3,726 MCF/d 50% CO2. - 12						

**Peter's Point #10-35D-12-16 7/10/2010 00:00 - 7/11/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

RU WL w/ HES 3.66" CFBP. RIH & set CFBP @ 6,570'. Perf Zone #5 Dark Canyon; 6,522' to 6,532' (3 spf 0.34" dia 120\* phasing) 30 shots. Frac Zone #5: 30# Linear CMHPG Foam. Base fld: Water 8.42 lb/gal. Avg Wellhead Rate: 33.9 BPM. Avg Slurry Rate: 13.5 BPM. Avg CO2 Rate: 18.6 BPM. Avg Pressure: 6,402 Psi. Max Wellhead Rate: 35.1 BPM. Max Slurry Rate 16.1 BPM. Max CO2 Rate: 21.3 BPM Max Pressure: 6,756 Psi. Wellhead Pressure: 1,004 Psi. Break: 5,529 Psi. Total fld Pmpd: 589 bbls. Total Sand in Formation: 88,100 lb. CO2 Downhole: 121 ton. CO2 Cool down: 6 ton. Final Injection: 4,820 Psi. ISIP: 3,976 Psi. 5 min: 3,593 Psi. Frac Gradient: 1.05 psi/ft. Liquid Horse Power: 2,118.31 hhp CO2 Horsepower: 2,918.56 hhp. - 0

**Peter's Point #10-35D-12-16 7/11/2010 00:00 - 7/12/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

RU WL RIH w/HES CFBP 3.66" to 6,450' and set. Perf : 6,414' to 6,418' 12 shts, 6,388' to 6,392' 12 shts, 6,364' to 6,368' 12 shts:w/ 3-1/8" Power-Pak (3 spf, 0.34" Dia, 120\* Phasing). Zone #6 Dark Canyon: Frac: 30# Liunear CMHPG Foam. Base fld: Water 8.42 lb/gal. Avg Wellhead Rate: 38.7 BPM. Avg Slurry Rate: 15.5 BPM. Avg CO2: 21.1 BPM. Avg Pressure: 6,169 Psi. Max Wellhead Rate: 40.8 BPM. Max Slurry Rate: 18.9 BPM. Max CO2 Rate: 24.2 BPM. Max Pressure: 6,807 Psi. Wellhead Pressure: 2,226 Psi. Break: 3,187 Psi. Total fld Pmpd 738.17 bbls. Total Sand(20/40 White) in formation: 150,200 lb. CO2 Downhole: 203 ton. CO2 Cool down: 7 ton. Final Injection: 4,550 Psi. ISIP: 3,734 Psi. 5 Min: 3,558 Psi. Frac Gradient: 1.02 psi/ft. Liquid Horsepower: 2,343.62 hhp. CO2 HorsePower: 3,190.34 hhp. RU WL RIH w/ HES CFBP 3.66" to 5,740' and set. Perf : 5,692' to 5,702'. 30 shts. w/ 3-1/8" Power-Pak (3 spf, 0.34" Dia, 120\* Phasing). Zone #7 North Horn: Frac: 30# Linear CMHPG Foam. Base fld: Water 8.42 lb/gal. Avg Wellhead Rate: 24.3 BPM. Avg Slurry Rate: 9.7 BPM. Avg CO2 Rate: 13.2 BPM. Avg Pressure: 5,027 Psi. Max Wellhead Rate: 25.1 BPM. Max Slurry Rate: 11.2 BPM. Max CO2 Rate: 15.3 BPM. Max Pessure: 5,241 Psi. Wellhead Pressure: 2,429 Psi. Break: 3,266 Psi. @ 5.3 BPM. Total fld Pmpd: 280 bbls. Total Sand( 20/40 White) in Formation: 40,900 lb. CO2 Downhole: 59 ton. CO2 Cool down: 5 ton. Final Injection: 4,130 Psi. ISIP: 3,644 Psi. 5 min: 3,485 Psi. Frac Gradient: 1.08 Psi/ft. Liquid Horsepower: 1,195.14 hhp. CO2 Horsepower: 1,626.38 hhp. RU WL RIH w/ HES CFBP 3.66" to 5,436' and set. Perf : 5,398' to 5,408'. 30 shts. w/ 3-1/8" Power-Pak( 3 spf, 0.34" Dia, 120\* Phasing). Zone #8 North Horn: Frac: 30# Linear CMHPG Foam. Base fld: Water 8.42 lb/gal. Avg Wellhead Rate: 21.4 BOM. Avg Slurry Rate: 8.5 BPM. Avg CO2 Rate: 11.7 BPM. Avg Pressure: 4,330 Psi. Max Wellhead Rate: 22.8 BPM. Max Slurry Rate: 10.1 BPM. Max CO2 Rate: 15.5 BPM. Max Pressure: 4,503 Psi. - 0, Wellhead Pressure: 2,930 Psi. Break: 3,189 Psi @ 5.3 BPM. Total fld Pmpd: 276 bbls. Total Sand(20/40 White) in formation: 44,100 lb. CO2 Downhole: 64 ton. CO2 Cool down: 5 ton. Final Injection: 3,800 Psi @ 11.1 BPM. ISIP: 3,250 Psi. 5 min:3,155 Psi. Frac Gradient: 1.04 Psi/ft. Liquid Horsepower: 902.08 hhp. CO2 Horsepower: 1,241.69 hhp. RU WL RIH W/ HES 3.66" CFBP To 5,100' and set. Perf: 5,068' to 5,078' w/ 3-1/8" Power-Pak ( 3 spf 0.34" Dia 120\* Phasing). Zone #9 Frac: North Horn: 30# Linear CMHPG Foam. Base fld: Water 8.42 lb/gal. Avg Wellhead Rate: 24 BPM. Avg Slurry Rate: 9.2 BPM. Avg CO2 Rate: 13.5 BPM. Avg Pressure: 4,536 Psi. Max Wellhead Rate: 24.8 BPM. Max Slurry Rate: 11.1 BPM. Max CO2 Rate: 15.9 BPM. Max Pressure: 4,707 Psi. Wellhead Pressure: 2,680 Psi. Break: 3,500 Psi @ 10.6 BPM. Total fld Pmpd: 292 bbls. Total Sand(20/40 White) in formation: 35,000 lb. CO2 Downhole: 69 ton. CO2 Cool Down: 5 ton. Final Injection: 3,730 Psi @ 12.6 BPM. ISIP: 3,301 Psi. 5 min: 2,941 Psi. Frac Gradient: 1.09 Psi/ft. Liquid Horsepower: 1,022.82 hhp. CO2 Horsepower: 1,500.88 hhp. - 0

**Peter's Point #10-35D-12-16 7/12/2010 00:00 - 7/13/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

Load to 3,699 bbls Recover Clean up location after Frac. Prep for Coil Tubing Cean out. - 0

**Peter's Point #10-35D-12-16 7/13/2010 00:00 - 7/14/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

MI RU CT. CO2 levels good. Plut will in Sales line @ 3.5 mmcf/d reduced CHK for line Pressure. - 0

**Peter's Point #10-35D-12-16 7/14/2010 00:00 - 7/15/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

Prep for CT CLN Out - 0

**Peter's Point #10-35D-12-16 7/15/2010 00:00 - 7/16/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

06:00:RU CT: Motor, 3.875" Convex insert 4 blade Mill. Checks Good. PT 7,700 Psi.  
 08:00:RIH  
 08:53: Tag 5,096' Plug #1 09:14 Plug gone. 19 min.  
 09:22: Tag 5,432' Plug #2 10:00 Plug Gone. 38 min.  
 10:11: Tag 5,737' Plug #3 10:35 Plug Gone. 24 min.  
 10:50: Tag 6,446' Plug #4 11:15 Plug Gone. 27 min.  
 11:20: Tag 6,565' Plug #5 12:21 Plug Gone. 61 min.  
 12:26: Tag 6,664' Plug #6 13:11 Plug Gone. 45 min.  
 13:15: Tag 6,804' Plug #7 13:50 Plug Gone. 35 min.  
 13:57: Tag 7,015' Plug #8 14:33 Plug Gone. 36 min  
 CLN Out to 7,150'  
 Ending Casing Pressure: 650 Psi. 2" Choke.  
 RD MO  
 Turn to Flowback Crew - 0

**Peter's Point #10-35D-12-16 7/16/2010 00:00 - 7/17/2010 00:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

RD MO Clean location. Flowback. See attached - 0

**Peter's Point #10-35D-12-16 7/27/2010 06:00 - 7/28/2010 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

Well flowing to sales - 8, MIRU Schlumberger run prod. logs - 5, RDMO - 1

**Peter's Point #10-35D-12-16 7/28/2010 06:00 - 7/29/2010 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

Safety meeting - 0.5, MIRU Nabors workover unit, - 2, RU PSI wireline unit, RIH w/ Nabors wireline set tubing release bridge plug,tag someting @2365' went thru continue to RIH tag @ 3365' pull up, ended up stuck. flow well to attempt to free up tool. Pull up to 2500# tool jumped. POOH lost tool with approx 40' of wireline. PU sinker bars RIH to attempt to push tool down hole, did not work POOH. SDFN. - 6, Flowback to sales - 15.5

**Peter's Point #10-35D-12-16 7/29/2010 06:00 - 7/30/2010 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31474	Utah	Carbon	West Tavaputs	Flowing Gas		Clean-out

**Time Log Summary**

Safety meeting discuss daily operations - 0.5, RU PSI wireline unit RIH with GR/ JB to 3100', PU RIH w/ Nabors wireline set tubing release BP @3075' RDMO. - 2, ND tree NU BOP Move tbg. to pipe rack and tally - 3, PU retrieving head 1 jt xn-nipple with pump thru plug RIH - 2, Latch on to BP allow psi to drop from 450 psi to 250 psi start out of hole pull 43 stands, psi dropped to 35 psi with 5 stands left shut down to kill well open valve on well head ,stuck bridge hit bridge plug on bottom of tubing causing tubing to come out of well attempt to go shut BOP's, tubing and stuck bridge plug and 5 stands of tubing came out of well before getting BOP's shut. Shut BOPs Assess damage. PSI was instant from 35 to 850 PSI when bottom bridge plug came loose.SDFN - 4, Flowback to sales - 12.5

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU0681

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
PETER'S POINT/ UT

2. Name of Operator Contact: TRACEY FALLANG  
 BILL BARRETT CORPORATION E-Mail: tfallang@billbarrettcorp.com

8. Lease Name and Well No.  
PETER'S POINT UNIT FEDERAL 10-35D-12-1c

3. Address 1099 18TH STREET, SUITE 2300  
 DENVER, CO 80202

3a. Phone No. (include area code)  
 Ph: 303-312-8134

9. API Well No.  
43-007-31474

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NESE 1331FSL 994FEL  
 At top prod interval reported below NWSE 2003FSL 1950FEL  
 At total depth NWSE 1991FSL 1941FEL **1994 FSL 1941 FEL**

10. Field and Pool, or Exploratory  
PETER'S POINT/WASATCH-MES

11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T12S R16E Mer SLB

12. County or Parish  
CARBON

13. State  
UT

14. Date Spudded  
01/18/2009

15. Date T.D. Reached  
04/01/2009

16. Date Completed  
 D & A  Ready to Prod.  
 07/12/2010

17. Elevations (DF, KB, RT, GL)\*  
6799 KB

18. Total Depth: MD 7273  
 TVD ~~707~~ **7045**

19. Plug Back T.D.: MD 7230  
 TVD ~~7028~~ **7007**

20. Depth Bridge Plug Set: MD  
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
 TRIPLE COMBO (CBL, MUDLOG)

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	16.000 0		0	40			0	0	0
12.250	9.625 J-55	36.0	0	1020		450	92	0	0
8.750	4.500 P110	11.6	0	7273		1520	403	610	15000

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5632							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5068	5702	5068 TO 5702	0.340	90	OPEN
B) MESAVERDE	6364	7092	6364 TO 7092	0.34	168	OPEN
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
5068 TO 5702	STG 7-9:30# LINEAR CMHPG FOAM: 207 TONS CO2; 848 BBLs FLUID, 87,476 LBS 20/40 SAND
6364 TO 7092	STG 1-6:30# LINEAR CMHPG FOAM: 709 TONS CO2; 2752 BBLs FLUID, 474,900 LBS 20/40 SAND

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/11/2010	07/14/2010	24	→	0.0	3389.0	57.0			FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28/64		910.0	→	0	3389	57		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

RECEIVED

AUG 26 2010

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				WASATCH	2875
				NORTH HORN	4743
				DARK CANYON	6341
				PRICE RIVER	6551
				TD	7273

32. Additional remarks (include plugging procedure):  
Copies of logs already submitted. Date of first sales was 7/13/10.

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #91354 Verified by the BLM Well Information System.  
For BILL BARRETT CORPORATION, sent to the Moab**

Name (please print) TRACEY FALLANG Title PERMIT ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 08/18/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

A Gyrodata Directional Survey

for

BILL BARRETT

Lease: Peters Point Well: 10-35D-12-16, 4-1/2" Casing

Location: Well Head, Carbon County, Utah

Job Number: RM0409G\_317

Run Date: 5/5/2009 1:15:06 PM

Surveyor: Chas Farrell; Anthony Eaton

Calculation Method: MINIMUM CURVATURE

Survey surface coordinates obtained from: Directional Drilling Company

Survey Latitude: 39.726680 deg. N Longitude: 110.084800 deg. W

Azimuth Correction:

Gyro: -0.91000 deg to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Bill Barrett

Lease: Peters Point Well: 10-35D-12-16, 4-1/2" Casing

Location: Well Head, Carbon County, Utah

Job Number: RM0409G\_317

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. feet	AZIMUTH deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	N 0 0 E	0.00	0.00	0.0	0.0	0.00 N 0.00 E

0 - 7150 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN IN 4-1/2" CASING  
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO GROUND LEVEL

100.00	0.36	149.39	S 30 37 E	0.36	100.00	0.3	149.4	0.27 S 0.16 E
200.00	0.52	240.12	S 60 7 W	0.64	200.00	0.8	185.5	0.77 S 0.07 W
300.00	0.25	354.31	N 5 41 W	0.66	300.00	0.9	212.2	0.78 S 0.49 W
400.00	0.25	61.95	N 61 57 E	0.28	400.00	0.6	214.9	0.46 S 0.32 W
500.00	0.36	274.60	N 85 24 W	0.59	499.99	0.5	233.2	0.33 S 0.44 W
600.00	0.29	348.58	N 11 25 W	0.40	599.99	0.8	266.1	0.06 S 0.80 W
700.00	0.38	126.93	S 53 4 E	0.63	699.99	0.6	269.4	0.01 S 0.59 W
800.00	0.41	140.80	S 39 12 E	0.10	799.99	0.5	191.2	0.48 S 0.10 W
900.00	0.46	157.85	S 22 9 E	0.14	899.99	1.2	166.0	1.13 S 0.28 E
1000.00	0.49	165.97	S 14 2 E	0.07	999.98	2.0	164.4	1.92 S 0.54 E
1100.00	0.42	180.21	S 0 13 W	0.13	1099.98	2.8	166.7	2.70 S 0.64 E
1200.00	3.11	294.75	N 65 15 W	3.31	1199.93	2.7	223.4	1.93 S 1.83 W
1300.00	5.95	310.23	N 49 46 W	3.07	1299.61	8.6	287.2	2.55 N 8.25 W
1400.00	8.65	311.46	N 48 32 W	2.70	1398.79	20.9	301.4	10.88 N 17.84 W
1500.00	11.25	307.05	N 52 57 W	2.71	1497.28	38.1	304.8	21.74 N 31.27 W
1600.00	13.92	304.04	N 55 58 W	2.75	1594.87	59.9	305.0	34.35 N 49.02 W
1700.00	15.96	302.81	N 57 11 W	2.06	1691.49	85.6	304.5	48.54 N 70.55 W
1800.00	18.83	302.33	N 57 40 W	2.87	1786.90	115.5	304.0	64.62 N 95.74 W
1900.00	21.49	301.66	N 58 20 W	2.67	1880.77	150.0	303.5	82.87 N 124.98 W
2000.00	24.03	302.61	N 57 23 W	2.57	1972.98	188.6	303.3	103.46 N 157.72 W

A Gyrodata Directional Survey

Bill Barrett

Lease: Peters Point Well: 10-35D-12-16, 4-1/2" Casing

Location: Well Head, Carbon County, Utah

Job Number: RM0409G\_317

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. feet	AZIMUTH deg.	HORIZONTAL COORDINATES feet
2100.00	25.88	302.96	N 57 2 W	1.86	2063.64	230.8	303.2	126.31 N 193.19 W
2200.00	26.92	302.03	N 57 58 W	1.12	2153.21	275.3	303.1	150.19 N 230.69 W
2300.00	26.11	303.71	N 56 17 W	1.10	2242.69	319.9	303.0	174.41 N 268.19 W
2400.00	26.52	307.59	N 52 25 W	1.77	2332.33	364.2	303.4	200.24 N 304.19 W
2500.00	27.13	307.86	N 52 8 W	0.62	2421.57	409.2	303.8	227.85 N 339.88 W
2600.00	26.52	307.18	N 52 49 W	0.68	2510.81	454.2	304.2	255.34 N 375.67 W
2700.00	25.54	306.36	N 53 38 W	1.04	2600.66	498.1	304.4	281.61 N 410.82 W
2800.00	25.04	306.05	N 53 57 W	0.52	2691.08	540.8	304.6	306.85 N 445.29 W
2900.00	25.00	306.22	N 53 47 W	0.08	2781.70	583.1	304.7	331.79 N 479.45 W
3000.00	25.41	306.46	N 53 32 W	0.42	2872.18	625.6	304.8	357.02 N 513.75 W
3100.00	25.60	306.69	N 53 19 W	0.21	2962.43	668.7	304.9	382.68 N 548.33 W
3200.00	24.43	306.36	N 53 38 W	1.18	3053.05	710.9	305.0	407.85 N 582.31 W
3300.00	24.63	306.72	N 53 17 W	0.25	3144.02	752.4	305.1	432.57 N 615.66 W
3400.00	25.34	306.68	N 53 19 W	0.71	3234.66	794.7	305.2	457.81 N 649.53 W
3500.00	25.52	306.01	N 53 59 W	0.34	3324.98	837.6	305.2	483.26 N 684.12 W
3600.00	24.90	304.86	N 55 8 W	0.79	3415.45	880.2	305.2	507.95 N 718.82 W
3700.00	24.61	304.08	N 55 55 W	0.44	3506.26	922.0	305.2	531.65 N 753.34 W
3800.00	23.02	304.46	N 55 32 W	1.60	3597.74	962.4	305.2	554.39 N 786.71 W
3900.00	20.34	305.12	N 54 53 W	2.69	3690.66	999.4	305.2	575.45 N 817.05 W
4000.00	17.85	306.49	N 53 31 W	2.53	3785.15	1032.1	305.2	594.57 N 843.59 W
4100.00	15.68	306.23	N 53 46 W	2.17	3880.90	1060.9	305.2	611.67 N 866.81 W
4200.00	13.19	307.14	N 52 52 W	2.50	3977.73	1085.8	305.2	626.55 N 886.81 W
4300.00	10.97	306.29	N 53 43 W	2.23	4075.51	1106.7	305.3	639.07 N 903.58 W
4400.00	8.69	304.60	N 55 24 W	2.30	4174.04	1123.8	305.3	648.99 N 917.47 W

A Gyrodata Directional Survey

Bill Barrett

Lease: Peters Point Well: 10-35D-12-16, 4-1/2" Casing

Location: Well Head, Carbon County, Utah

Job Number: RM0409G\_317

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. feet	AZIMUTH deg.	HORIZONTAL COORDINATES feet
4500.00	6.72	306.13	N 53 52 W	1.98	4273.13	1137.2	305.3	656.73 N 928.41 W
4600.00	5.24	304.29	N 55 43 W	1.49	4372.58	1147.6	305.3	662.76 N 936.91 W
4700.00	3.80	294.97	N 65 2 W	1.61	4472.27	1155.5	305.2	666.73 N 943.69 W
4800.00	2.69	293.28	N 66 43 W	1.11	4572.11	1161.0	305.2	669.05 N 948.85 W
4900.00	1.96	293.53	N 66 28 W	0.73	4672.03	1165.0	305.1	670.66 N 952.57 W
5000.00	0.96	292.35	N 67 39 W	1.00	4771.99	1167.5	305.1	671.67 N 954.92 W
5100.00	0.18	323.91	N 36 5 W	0.81	4871.99	1168.4	305.1	672.11 N 955.78 W
5200.00	0.61	333.60	N 26 24 W	0.43	4971.98	1169.1	305.1	672.71 N 956.11 W
5300.00	0.46	259.76	S 79 46 W	0.65	5071.98	1169.8	305.1	673.12 N 956.74 W
5400.00	0.59	10.08	N 10 5 E	0.86	5171.98	1170.3	305.1	673.56 N 957.05 W
5500.00	0.87	335.99	N 24 1 W	0.50	5271.97	1171.2	305.2	674.76 N 957.27 W
5600.00	0.64	290.65	N 69 21 W	0.62	5371.96	1172.4	305.2	675.65 N 958.10 W
5700.00	0.27	315.69	N 44 19 W	0.41	5471.96	1173.1	305.2	676.01 N 958.79 W
5800.00	0.48	265.32	S 85 19 W	0.37	5571.96	1173.7	305.2	676.15 N 959.37 W
5900.00	0.23	74.19	N 74 11 E	0.71	5671.96	1173.9	305.2	676.17 N 959.59 W
6000.00	0.53	57.62	N 57 37 E	0.32	5771.95	1173.6	305.2	676.47 N 959.01 W
6100.00	0.60	92.93	S 87 4 E	0.35	5871.95	1173.0	305.2	676.69 N 958.10 W
6200.00	1.09	85.93	N 85 56 E	0.50	5971.94	1171.8	305.3	676.73 N 956.62 W
6300.00	1.54	111.71	S 68 17 E	0.73	6071.91	1169.7	305.3	676.30 N 954.43 W
6400.00	1.25	148.65	S 31 21 E	0.93	6171.88	1167.4	305.3	674.87 N 952.61 W
6500.00	1.11	132.09	S 47 55 E	0.37	6271.86	1165.5	305.3	673.29 N 951.32 W
6600.00	1.10	136.49	S 43 31 E	0.09	6371.84	1163.6	305.3	671.95 N 949.95 W
6700.00	0.83	129.98	S 50 1 E	0.29	6471.83	1161.9	305.3	670.79 N 948.73 W
6800.00	1.21	150.79	S 29 13 E	0.52	6571.82	1160.2	305.2	669.40 N 947.66 W

A Gyrodata Directional Survey

Bill Barrett

Lease: Peters Point Well: 10-35D-12-16, 4-1/2" Casing

Location: Well Head, Carbon County, Utah

Job Number: RM0409G\_317

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
6900.00	1.17	158.86	S 21 8 E	0.17	6671.79	1158.4 305.2	667.52 N 946.78 W
7000.00	1.44	174.97	S 5 2 E	0.45	6771.77	1156.8 305.1	665.32 N 946.30 W
7100.00	0.73	187.83	S 7 50 W	0.75	6871.75	1155.7 305.0	663.44 N 946.27 W
7150.00	0.97	217.28	S 37 17 W	0.98	6921.74	1155.5 305.0	662.79 N 946.57 W

Final Station Closure: Distance: 1155.55 ft Az: 305.00 deg.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETERS POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/15/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input 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"/> <b>OTHER</b>	<b>OTHER:</b> <input type="text" value="Coriolis Meter Test"/>

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

Bill Barrett Corporation (BBC) is submitting this sundry to request permission for a variance for Onshore Order No. 4 to allow the testing of Micro Motion Coriolis Net Oil Computer measurement technology on two phase (oil and water) production, starting on 11/15/2010. As per our meeting held in the Price BLM office on 10/26/2010, BBC is aware that the BLM is currently undergoing a revision to the Onshore Order that may allow for future coriolis metering. As this revision may take some time, BBC is asking for this variance at this time. Detailed information was previously provided to Marvin Hendrickson in the BLM Price field office on 10/26/2010 and the same information is also attached to this sundry for your review. Please contact Brady Riley with questions at 303-312-8115.

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

Date: November 02, 2010

By: *David K. Duff*

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/1/2010

10/21/10

To: Marvin Hendricks  
BLM Price Field Office  
125 South 600 West  
Price, UT 84501

Mr. Hendricks,

Bill Barrett Corp. is informing the BLM by way of this notice of the desire to test Micro Motion Coriolis Net Oil Computer measurement technology on two phase, combined oil and water production in the West Tavaputs Field.

There will be no changes to the existing approved method of oil measurement. The existing approved method and custody transfer BLM royalty point of measurement is by tank gauging at the tanks on site for each well.

Accordingly, Bill Barrett Corp is requesting no objection to commence this Micro Motion Coriolis Net Oil testing.

Please review the following in support of this request; information is organized as follows:

- Section I: Guidelines of Onshore Order # 4, Measurement of Oil
- Section II: Effect on Royalties, Accountability
- Section III: Intent of Testing Micro Motion Coriolis Net Oil technology
- Section IV: Surface Impact Reductions Review
- Section V: References
- Section VI: Identification of Test Sites
- Section VII: Method of Coriolis Net Oil Measurement
- Section VIII: Measurement Data
- Section IX: Micro Motion Meter & Net Oil Computer Information
- Section X: Field Installations
- Section XI: Attachments Summary

I. Guidelines of Onshore Order # 4, Measurement of Oil

This testing of Micro Motion Coriolis Net Oil measurement technology will be conducted in accordance with the guidelines and directives found in Section E of Onshore Order #4, BUREAU OF LAND MANAGEMENT 43 CFR 3160 ; Onshore Oil and Gas Operations; Federal and Indian Oil & Gas Leases; Onshore Oil and Gas Order No. 4; Measurement of Oil.

Excerpts from Section E in Order #4 are cited here:

E. Oil Measurement by Other Methods or at Other Locations Acceptable to the Authorized Officer.

*Any method of oil measurement, other than tank gauging or positive displacement metering system, requires prior approval, based on applicable API Standards, by the authorized officer. Other measurement methods include, but are not limited to: Turbine metering systems, Measurement by calibrated tank truck, Measurement by weight, and Net oil computer.*

*The requirements and minimum standards for oil measurement on the lease, unit, unit participating area, or communitized area by an alternate method, or at a location off the lease, unit, unit participating area, or communitized area by either an authorized or an alternate method of measurement, are as follows:*

1. *Measurement on the Lease, Unit, Unit Participating Area, Communitized Area.*

*An application for approval of an alternate oil measurement method shall be submitted to the authorized officer and written approval obtained before any such alternate oil measurement method is operated. Any operator requesting approval of any alternate oil sales measurement system shall submit performance data, actual field test results, or any other supporting data or evidence acceptable to the authorized officer, that will demonstrate that the proposed alternate oil sales measurement system will meet or exceed the objectives of the applicable minimum standard or does not adversely affect royalty income or production accountability.*

II. Effect on Royalties, Accountability

- Bill Barrett Corp. does not expect any adverse affect on royalty income or production accountability, as all currently approved methods for royalty determinations and accountability in place will remain throughout this proposed testing.

III. Intent of Testing Micro Motion Coriolis Net Oil measurement

- The intent of our testing of the Micro Motion Coriolis Net Oil technology for two phase oil and water measurement is to validate the accuracy and repeatability of this measurement method for future use within our West Tavaputs development.

IV. Surface Impact Reductions Review

- The justification for this testing request is a function of both BLM and Bill Barrett Corp. preferences for less surface disturbance at each Central Tank Battery.
- Successful testing and the eventual approval for use of this two-phase liquid measurement method will reduce the number of tanks at each Central Tank Battery, and minimize the number of lines buried in regards to Test and Proposed Area.
- Further, it is our opinion that the use of Micro Motion Coriolis Net Oil measurement and combined two-phase oil and water gathering lines to centralized tank batteries will not only allow for the significant reduction of required surface production/tank storage infrastructure and improvement in the overall aesthetics of our development, but also facilitate operational efficiency gains by keeping the gathering system as simplistic as possible.

V. References

- Stuart Cerovski (Lander BLM), Brian Hilgers (Noble Energy)
  - i. Implemented 20 Coriolis meters measuring oil coming off the the oil dumps on their separators. Allocating using Coriolis and custody transfer through tanks
- Greg Noble (Pinedale BLM)
  - i. Shell initiated field-wide use of the Coriolis Meter
- Daryl Gronfur (North Dakota Oil & Gas Commission)
  - i. Very knowledgeable on the use of Coriolis meters in the North Dakota/Montana region

VI. Identification of Test sites

VII.

- The specific wells ID'd for Net Oil measurement testing are as follows:
  - Peter's Point # 10-35
  - Prickly Pear # 6-18

VIII. Method of Coriolis Net Oil Measurement

- The combined two phase oil and H2O will be measured with the Micro Motion Coriolis "F" meter and low power Net Oil Computer transmitter/RTU platform.

IX. Measurement Data

- The data from each well's Micro Motion Coriolis Net Oil measurement will be compiled and compared against the tanks on site.
- The method of data capture will be accomplished two ways:
  - via the local display on the Net Oil Computer transmitter/RTU
  - via SCADA to our central control.
- The Net Oil Computer/RTU will be used to transmit data to Bill Barrett's SCADA/Control system, where the appropriate data will be tracked and recorded. Also, the NOC RTU will display process variables, handle alarms and more.

X. Micro Motion Coriolis Meter and Net Oil Computer Information

- The Micro Motion F Coriolis meters are calibrated to NIST traceable tolerances from the factory located in Boulder, CO.
- These Micro Motion Coriolis "F" meters have accuracy specifications as follows:
  - +/-0.15% on measured volume,
  - +/-0.10% for mass flow,
  - +/-0.001 g/cc for density.
- Furthermore, the meter repeatability is +/-0.05% of rate. (The stated flow accuracy includes the combined effects of repeatability, linearity and hysteresis.)
- Attached is an example of a Micro Motion Coriolis meter's calibration and NIST Traceable Calibration Certification document, see **Attachment #4**.
- Each meter will be equipped with an Emerson Micro Motion Net Oil Computer (NOC) transmitter/RTU with a digital display. This will have readouts for daily and monthly volume totals as well as a totalizer that cannot be reset. Please see the appropriate attachments for the meter and Net Oil Computer details.

XI. Field Installations

- To ensure flow conditions are optimal and in accordance with API 5.6 general guidelines and the manufacturer's recommendations, the production Coriolis meters will be installed upstream of the oil level control dump valve, which will also function as a back pressure regulator (BPR).
- In accordance with general guidelines outlined in API 5.6, Measurement of Liquid Hydrocarbons by Coriolis meters, after the Coriolis meters are installed in the field, the meter's zero will be verified.

XII. Attachments Summary

- Map showing Lease/Well numbers & location of wells test sites, **Attachment # 1**
- The proposed method for the Net Oil production measurement is to use a Micro Motion "F" Coriolis meter and Net Oil Computer (NOC) RTU/Transmitter on the liquid outlet of each separator under level controlled flow conditions. See **Attachments # 2**.
- The Coriolis meters have been properly sized for the daily production and instantaneous rate through the level dump valve, per Micro Motion's meter sizing calculation spreadsheet, see **Attachment # 3**.
- Sample Micro Motion meter calibration documentation, **Attachment # 4**.

Thank you for your time and consideration; please advise at your earliest opportunity.

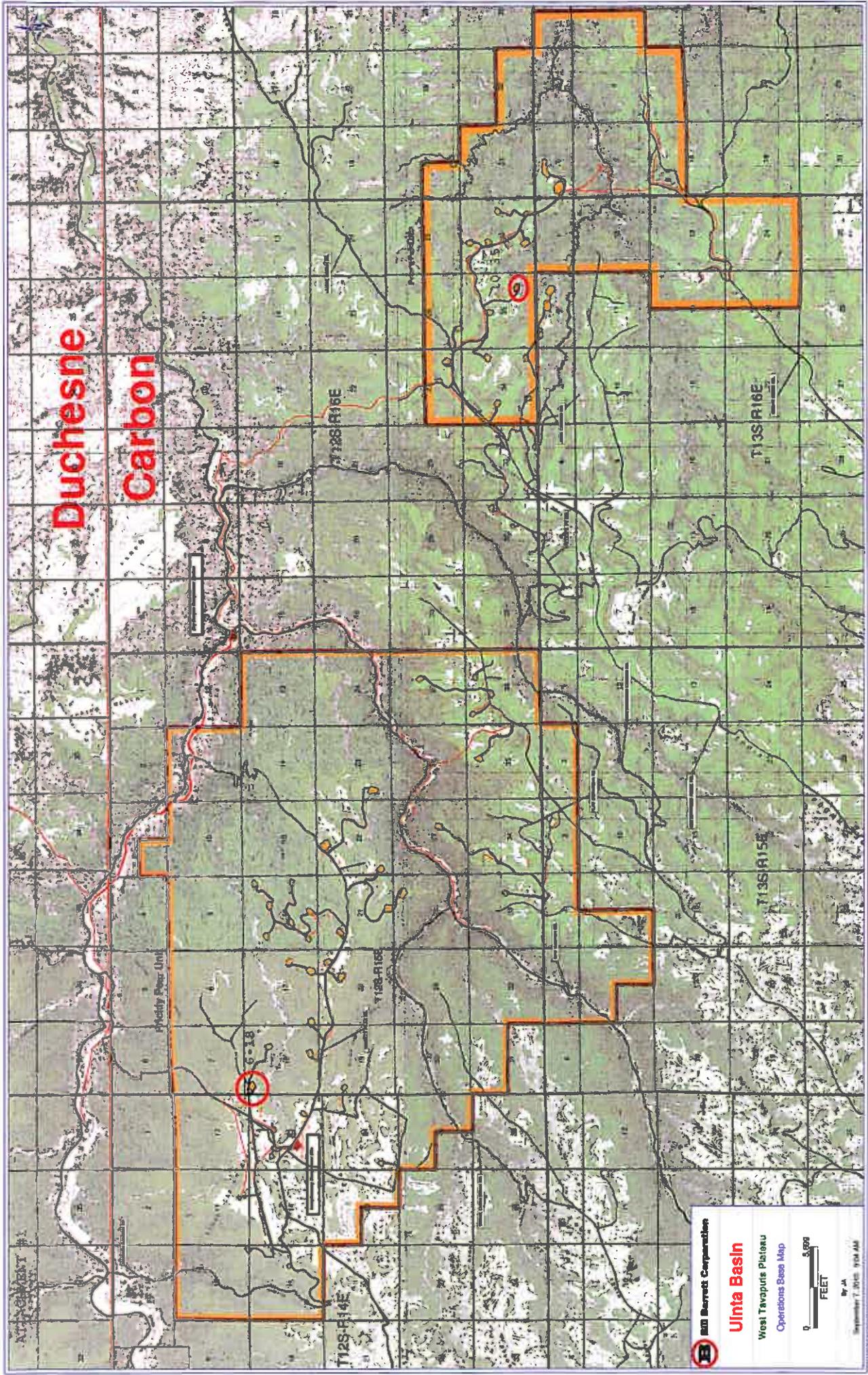
Respectfully Submitted,

Daniel Seaver

ATTACHMENT LIST

- Attachment 1 – Micro Motion Net Oil test sites identified on lease/well map
- Attachment 2 – Micro Motion Coriolis meter & Net Oil Computer (NOC) information
- Attachment 3 – Meter sizing sheet
- Attachment 4 – Sample Meter Calibration documents

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## **FB107 Micro Motion Net Oil Computer (NOC) Introduction Overview**

The FB107 Spartan Net Oil Computer (NOC) platform uses a Micro Motion Coriolis Mass Flow Meter/Sensor to calculate the net oil and water present in an emulsion stream.

Water cut determination can be made by comparing the measured emulsion density to the reference densities of free oil and water.

The net oil computer calculates the volume correction factor using the temperature effect on the densities of oil and water; Uncorrected volumes can also be calculated/totaled.

For higher pressure applications, the NOC has the capability with a separate pressure input, to calculate the pressure effect on the density of oil.

Using the water cut and the volume correction factors, the emulsion flow is factored to determine the net oil and water at standard conditions.

The program provides up to two net oil calculations and as an option, can be scaled for up to four net oil meter calculations.

Additionally, gas measurement through the system can be accommodated if desired.

The standard Emerson touch screen display panel provides a user interface for starting and stopping tests and changing key parameters. The operator interface can stop and start tests monitor production numbers and enter meter factors from the display. The NOC program can also be run without a display.

### **Technical Overview**

There are 2 program options available for the system. The 100 series software has 40 liquid compositions and 1 common gas composition. The 200 series software has 15 liquid and 15 gas compositions available.

The system has 2 operating modes available. The modes are the "Well Test" and the Production or "Continuous" (referred to as "LACT") test mode. In the well test mode the system will allow daily production to be tested for oil, water and gas production. The system has a database for each well containing oil density, water density and well identifiers.

The system uses a single editable gas composition for the 100 series software and individual gas compositions in the series 200 software. The well test mode prorates measurement to a 24 hour test. If the test is stopped prior or extended beyond 24 hours the production data will be prorated to a 24 hour test.

In LACT mode the well test will run continuously. Daily production numbers will be recorded based on the contract hour configured in the FB107.

Both well test and LACT mode allows measurement of either a 2 phase or 3 phase separator. The measurements can be made by Micro Motion Coriolis meters or Turbine meters for the liquid measurement.

If gas measurement is contemplated, the gas measurement is made using an Emerson 205 MVS 3-1 transmitter.

The system can provide water cut measurement by a number of methods.

The common method is using a Micro Motion Coriolis meter density measurement for inferred water cut.

## **Software Interface**

The software used for configuration of the FB107 is the Emerson ROCLINK 800 program.

There is an additional utility program available for use with the FB107 ROCNOC user programs.

The program is the FB107 ROCNOCWIN software. The software allows the user to make most configuration changes to the user program as done with ROCLINK 800.

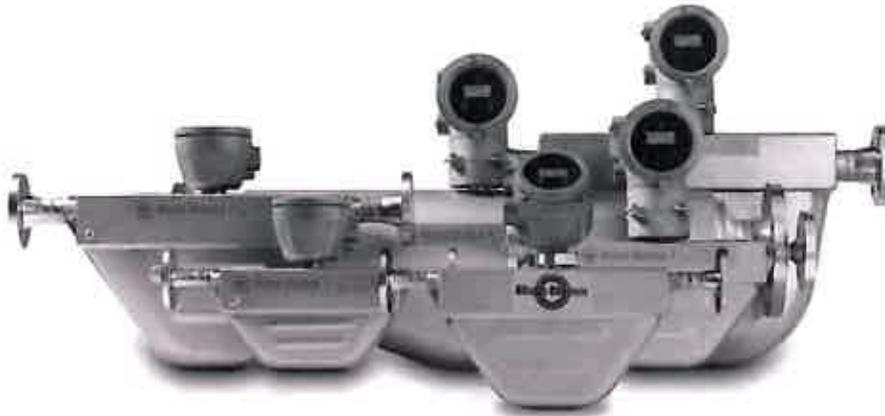
**Product Data Sheet**

PS-00603, Rev. J

July 2010

# Micro Motion® F-Series Coriolis Flow and Density Meters

Micro Motion® F-Series Coriolis meters offer highly accurate mass flow, volume flow, and density measurement in a compact design. F-Series meters come with a smooth exterior finish that can easily be kept clean, and all F-Series meters can be installed to be self-draining.



**Best flow and density measurement in a compact, drainable flow meter**

- Superior sensitivity in a compact design to reduce variability in process control
- Cleanable self-draining design enables fast product change-over

**Broadest range of application coverage**

- 2-wire loop-powered option for installation simplification
- Supports Wireless THUM™, PROFIBUS-DP, and DeviceNet™ protocols for maximum operational versatility
- Stainless steel or nickel alloy construction and high temperature and pressure options for a variety of process fluids and conditions

**Superior reliability and safety**

- Enables Smart Meter Verification for quick, complete meter diagnosis without process interruption
- IEC 61508 certified for SIL 2 and SIL 3 to simplify safety systems compliance

ELITE® Peak performance Coriolis meter

ELITE HC Peak performance high capacity meter

F-Series High performance compact drainable Coriolis meter

H-Series Hygienic compact drainable Coriolis meter

T-Series Straight tube full-bore Coriolis meter

R-Series General purpose flow-only Coriolis meter

LF-Series Extreme low-flow Coriolis meter

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# Micro Motion F-Series flow and density meters

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Micro Motion Coriolis meters meet a vast range of application needs, ranging from extreme low-flow up to high-flow, high-capacity lines. Cryogenic, hygienic, high-temperature, and high-pressure—Micro Motion meters can handle them all. Micro Motion meters are available with a variety of wetted parts to ensure the best material compatibility. Now with the industry's only 2-wire Coriolis option, Micro Motion provides unsurpassed simplicity of installation and application flexibility.

**Coriolis meters.** Coriolis meters offer dramatic benefits over traditional volumetric measurement technologies. Coriolis meters:

- Deliver accurate and repeatable process data over a wide range of flow rates and process conditions.
- Provide direct inline measurement of mass flow and density, and also measure volume flow and temperature—all from a single device.
- Have no moving parts, so maintenance costs are minimal.
- Have no requirements for flow conditioning or straight pipe runs, so installation is simplified and less expensive.
- Provide advanced diagnostic tools for both the meter and the process.

**F-Series Coriolis meters.** Micro Motion F-Series Coriolis meters have a compact design that fits into tight spaces while offering highly accurate flow and density measurement for virtually any process fluid. With F-Series meters, expensive recalibrations become a thing of the past—a single F-Series calibration is valid for liquids, gases, and slurries.

The accumulated knowledge of Micro Motion is built into every F-Series meter. Now with Smart Meter Verification, F-Series meters deliver outstanding reliability and ease of use for critical applications. F-Series meters are available with either stainless steel or nickel-alloy wetted parts, allowing you to choose the material that is most compatible with your process fluid. And certain F-Series models are available for high-temperature and high-pressure applications.

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# Liquid flow performance

		Mass		Volume <sup>(1)</sup>	
		lb/min	kg/h	gal/min	l/h
Maximum flow rate	F025	100	2720	12	2720
	F050	300	8160	36	8160
	F100	1200	32,650	144	32,650
	F200	3200	87,100	384	87,100
	F300	10,000	272,000	1200	272,000
Mass flow accuracy <sup>(2) (3)</sup>		±0.10% of rate <sup>(4)(5)</sup>			
Volume flow accuracy <sup>(2) (3)</sup>		±0.15% of rate <sup>(6)(7)</sup>			
Repeatability		±0.05% of rate <sup>(4)</sup>			
		Mass		Volume <sup>(1)</sup>	
		lb/min	kg/h	gal/min	l/h
Zero stability	F025	0.0065	0.1765	0.0008	0.1765
	F050	0.020	0.544	0.002	0.544
	F100	0.080	2.177	0.010	2.177
	F200	0.256	6.965	0.031	6.965
	F300	0.80	21.76	0.096	21.76

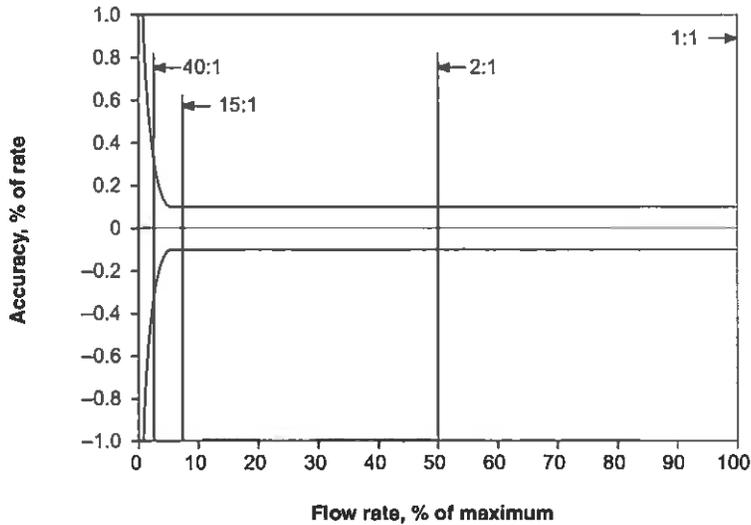
- (1) Volumetric measurement is based on a process-fluid density of 1 g/cm<sup>3</sup>. For fluids with density other than 1 g/cm<sup>3</sup>, the volume flow rate equals the mass flow rate divided by the fluid's density.
- (2) Stated flow accuracy includes the combined effects of repeatability, linearity, and hysteresis.
- (3) Accuracy options vary by model. Sensors with Model 2200S transmitter have fewer accuracy options. See Ordering information on page 32.
- (4) When flow rate < (zero stability / 0.001), then mass flow accuracy = ±[(zero stability / flow rate) × 100]% of rate and repeatability = ±½(zero stability / flow rate) × 100% of rate.
- (5) When ordered with the 0.15% calibration option, mass flow accuracy on liquid = ±0.15% when flow rate ≥ (zero stability / 0.0015). When flow rate < (zero stability / 0.0015), then accuracy = ±[(zero stability / flow rate) × 100]% of rate. When ordered with the 0.20% calibration option, mass flow accuracy on liquid = ±0.20% when flow rate ≥ (zero stability / 0.0020). When flow rate < (zero stability / 0.0020), then mass flow accuracy on liquid = ±[(zero stability / flow rate) × 100]% of rate.
- (6) When flow rate < (zero stability / 0.001), then volume flow accuracy on liquid = ±[1.5 × (zero stability / flow rate) × 100]% of rate and repeatability = ±½(zero stability / flow rate) × 100% of rate.
- (7) When ordered with the ±0.15% calibration option, volume flow accuracy on liquid = ±0.25% when flow rate ≥ (zero stability / 0.0017). When flow rate < (zero stability / 0.0017), then volume accuracy on liquid = ±[1.5 × (zero stability / flow rate) × 100]% of rate. When ordered with the ±0.20% calibration option, volume flow accuracy on liquid = ±0.30% when flow rate ≥ (zero stability / 0.002). When flow rate < (zero stability / 0.002), then volume accuracy on liquid = ±[1.5 × (zero stability / flow rate) × 100]% of rate.

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# Liquid flow performance *continued*

## Typical accuracy, turndown, and pressure drop for Model F050 with Model 1700/2700 transmitter

Pressure drop is dependent on process conditions. To determine accuracy, turndown, and pressure drop with your process variables, use Micro Motion's product selector, available at [www.micromotion.com](http://www.micromotion.com).



Turndown from maximum flow rate	40:1	15:1	2:1
Accuracy ( $\pm$ %)	0.26	0.10	0.10
Pressure drop			
psi	0.1	0.45	14.2
bar	0.01	0.03	0.98

## Density performance (liquid only)

Accuracy <sup>(1)</sup>	$\pm 0.001 \text{ g/cm}^3$	$\pm 1.0 \text{ kg/m}^3$
Repeatability	$\pm 0.0005 \text{ g/cm}^3$	$\pm 0.5 \text{ kg/m}^3$
Range	Up to $5 \text{ g/cm}^3$	Up to $5000 \text{ kg/m}^3$

(1) Stated accuracy and repeatability with calibration option 1 (see page 32). With other calibration options, accuracy is  $\pm 0.002 \text{ g/cm}^3$  ( $2.0 \text{ kg/m}^3$ ) and repeatability is  $\pm 0.001 \text{ g/cm}^3$  ( $\pm 1.0 \text{ kg/m}^3$ ).

# Gas flow performance

When selecting sensors for gas applications, measurement accuracy is a function of fluid mass flow rate independent of operating temperature, pressure, or composition. However, pressure drop through the sensor is dependent upon operating temperature, pressure, and fluid composition. Therefore, when selecting a sensor for any particular gas application, it is highly recommended that each sensor be sized using Micro Motion's product selector, available at [www.micromotion.com](http://www.micromotion.com).

	Mass		Volume <sup>(1)</sup>	
	lb/min	kg/h	SCFM	Nm <sup>3</sup> /h
<b>Typical flow rates that produce approximately 10 psid (0.68 bar) pressure drop on air at 68 °F (20 °C) and 100 psi (6.8 bar)</b>				
F025	4	116	57	90
F050	13	357	174	276
F100	50	1366	667	1055
F200	140	3810	1860	2940
F300	488	14,865	7270	11,512

**Typical flow rates that produce approximately 50 psid (3.4 bar) pressure drop on natural gas (MW 16.675) at 68 °F (20 °C) and 500 psi (34 bar)**

F025	16	445	378	598
F050	49	1358	1154	1825
F100	189	5162	4387	6936
F200	523	14,490	12,310	19,470
F300	1856	50,989	43,331	72,247

**Accuracy<sup>(2)</sup>** All transmitters ±0.50% of rate<sup>(3)</sup>

**Repeatability** All transmitters ±0.25% of rate<sup>(3)</sup>

		lb/min	kg/h
		<b>Zero stability</b>	F025
	F050	0.020	0.544
	F100	0.080	2.177
	F200	0.256	6.965
	F300	0.80	21.76

(1) Standard (SCFM) reference conditions are 14.7 psia and 68 °F. Normal (Nm<sup>3</sup>/h) reference conditions are 1.013 bar-a and 0 °C.

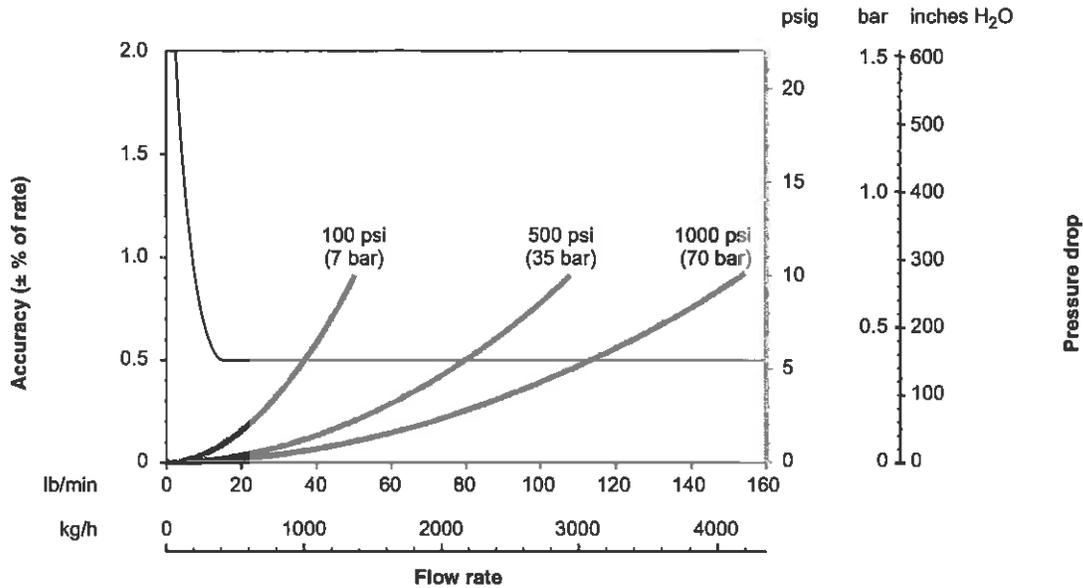
(2) Stated flow accuracy includes the combined effects of repeatability, linearity, and hysteresis.

(3) When flow rate < (zero stability / 0.005), then accuracy = ±[(zero stability / flow rate) × 100]% of rate and repeatability = ±½(zero stability / flow rate) × 100]% of rate.

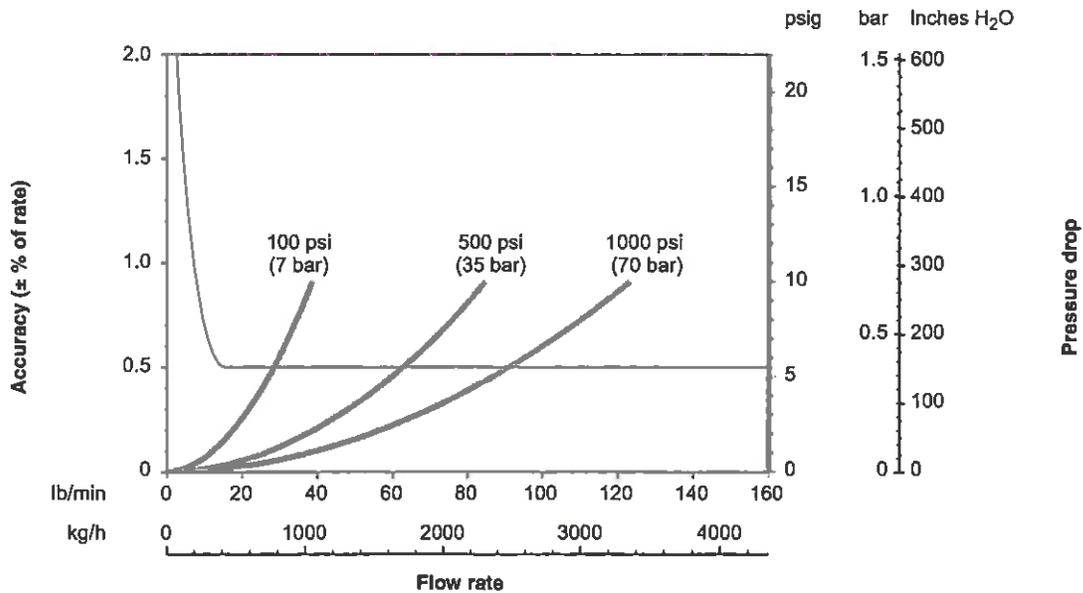
# Gas flow performance *continued*

## Typical accuracy and pressure drop with F100 with MVD technology

Air at 68 °F (20 °C), static pressures as indicated on graph



Natural gas (MW 16.675) at 68 °F (20 °C), static pressures as indicated on graph

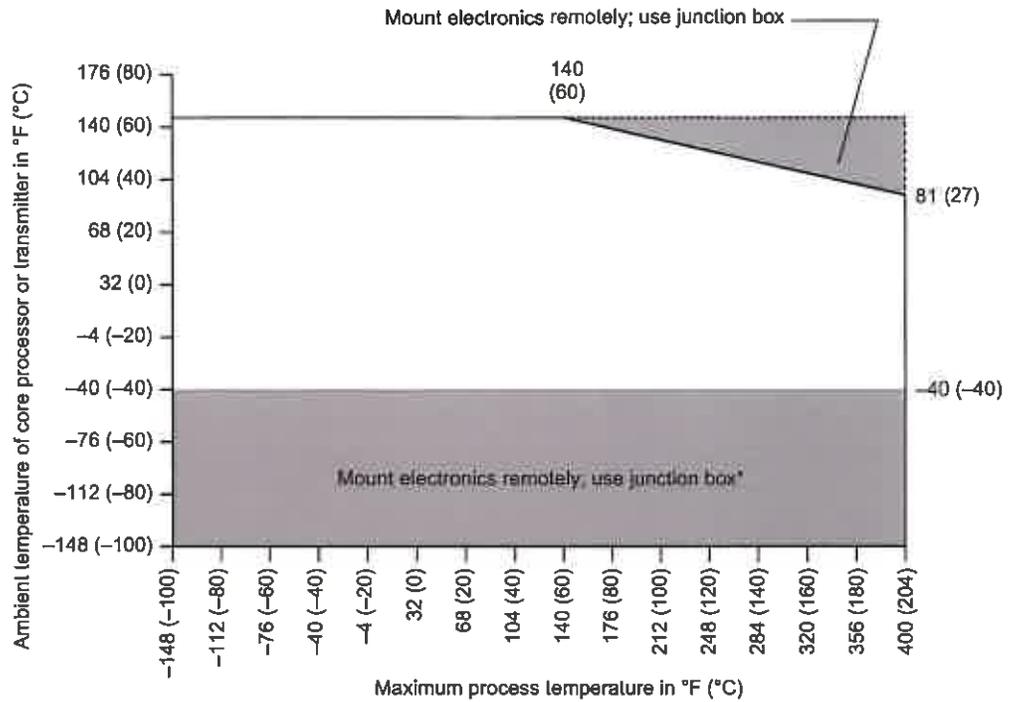


### Standard or normal volumetric capability

Standard and normal volumes are "quasi mass" flow units for any fixed composition fluid. Standard and normal volumes do not vary with operating pressure, temperature, or density. With knowledge of density at standard or normal conditions (available from reference sources), a Micro Motion meter can be configured to output in standard or normal volume units without the need for pressure, temperature, or density compensation. Contact your local sales representative for more information.

# Temperature specifications

<b>Accuracy</b>	All models	$\pm 1\text{ }^{\circ}\text{C} \pm 0.5\%$ of reading in $^{\circ}\text{C}$
<b>Repeatability</b>	All models	$\pm 0.2\text{ }^{\circ}\text{C}$
<b>Temperature limits<sup>(1)(2)(3)</sup></b>	All models <i>except</i> high-temperature models	



\* When ambient temperature is below  $-40\text{ }^{\circ}\text{F}$  ( $-40\text{ }^{\circ}\text{C}$ ), a core processor must be heated to bring its local ambient temperature to between  $-40\text{ }^{\circ}\text{F}$  ( $-40\text{ }^{\circ}\text{C}$ ) and  $+140\text{ }^{\circ}\text{F}$  ( $+60\text{ }^{\circ}\text{C}$ ). Long-term storage of electronics at ambient temperatures below  $-40\text{ }^{\circ}\text{F}$  ( $-40\text{ }^{\circ}\text{C}$ ) is not recommended.

High-temperature models

Ambient temperature:  
 $-40$  to  $+140\text{ }^{\circ}\text{F}$  ( $-40$  to  $+60\text{ }^{\circ}\text{C}$ )

Process temperature:  
 $-50$  to  $+662\text{ }^{\circ}\text{F}$  ( $-40$  to  $+350\text{ }^{\circ}\text{C}$ )

- (1) Temperature limits may be further restricted by hazardous area approvals. See pages 10–16.
- (2) For F300 sensors, the difference between the process fluid temperature and the average temperature of the case must be less than  $120\text{ }^{\circ}\text{F}$  ( $66\text{ }^{\circ}\text{C}$ ).
- (3) The extended mount option allows the sensor case to be insulated without covering the transmitter, core processor, or junction box, but does not affect temperature ratings.

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# Pressure ratings

		Material	psi	bar
<b>Flow tube rating<sup>(1)(2)</sup></b>	F025P	Stainless steel	2300	158
	F050P	Stainless steel	5000	345
	F300H	Alloy C-22	2220	153
	All other models	Stainless steel	1450	100
		Alloy C-22	2160	148

**PED compliance** Sensors comply with council directive 97/23/EC of 29 May 1997 on Pressure Equipment

		<b>ASME B31.3 secondary containment rating<sup>(2)</sup></b>		<b>Burst pressure used to determine ASME B31.3 secondary containment rating</b>	
		psi	bar	psi	bar
		<b>Housing rating<sup>(3)</sup></b>	F025	166	11.4
	F050	135	9.3	1530	105
	F100	109	7.5	1281	88.3
	F200	64	4.4	760	52.4
	F300	256	17.7	2630	180

(1) Process connection rating may differ from sensor rating. Please choose process connections accordingly.

(2) Pressure rating at 77 °F (25 °C), according to ASME B31.3. For operating temperatures above 300 °F (148 °C), pressure needs to be derated as follows. Linear interpolation may be used between specified temperatures.

	<b>Flow tubes</b>		<b>Housing</b>
	316L sensors	Alloy C-22 sensors	All sensors
up to 300 °F (up to 148 °C)	None	None	None
at 400 °F (at 204 °C)	7.2% derating	None	5.4% derating
at 500 °F (at 260 °C)	13.8% derating	4.7% derating	11.4% derating
at 600 °F (at 316 °C)	19.2% derating	9.7% derating	16.2% derating
at 650 °F (at 343 °C)	21.0% derating	11.7% derating	18.0% derating
at 700 °F (at 371 °C)	22.8% derating	13.7% derating	19.2% derating

(3) Sensor housing is rated only when the secondary containment case option is purchased. The secondary containment case option is not available on high-temperature sensors.

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# Environmental effects

## Process temperature effect

Process temperature effect is defined as:

- For mass flow measurement, the worst-case zero offset due to process fluid temperature change away from the zeroing temperature.
- For density measurement, the maximum measurement offset due to process fluid temperature change away from the density calibration temperature.

	Process temperature effect		
	% of maximum flow rate per °C	density accuracy per °C <sup>(1)</sup>	
		g/cm <sup>3</sup>	kg/m <sup>3</sup>
F025	±0.00175	±0.0001	±0.1
F050	±0.00175	±0.0001	±0.1
F100	±0.00175	±0.0001	±0.1
F200	±0.00175	±0.0001	±0.1
F300	±0.0040	±0.0001	±0.1

## Pressure effect

Pressure effect is defined as the change in sensor flow and density sensitivity due to process pressure change away from the calibration pressure<sup>(2)</sup>. Pressure effect can be corrected.

	Pressure effect on mass flow accuracy	
	% of rate per psi	% of rate per bar
F025	None	None
F050	None	None
F100	None	None
F200	-0.001	-0.015
F300	-0.001	-0.015

	Pressure effect on density accuracy	
	g/cm <sup>3</sup> per psi	kg/m <sup>3</sup> per bar
F025	None	None
F050	None	None
F100	None	None
F200	-0.00003	-0.43
F300	-0.00003	-0.43

(1) For -100 °C and above.

(2) To determine factory calibration pressure, refer to the calibration document shipped with your sensor. If the data is unavailable, use 20 psi (1.4 bar).

## Vibration limits

Meets IEC 68.2.6, endurance sweep, 5 to 2000 Hz, 50 sweep cycles at 1.0 g

# Hazardous area classifications

## CSA and CSA C-US

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Models F025, F050, F100, and F200 with junction box  
Ambient temperature: +140 °F max. (+60 °C max.)  
Class I, Div. 1, Groups C and D  
Class I, Div. 2, Groups A, B, C, and D  
Class II, Div. 1, Groups E, F, and G

---

All models with Model 2400S transmitter  
Ambient temperature: -40 to +140 °F (-40 to +60 °C)  
Class I, Div. 2, Groups A, B, C, and D

---

Models F025, F050, F100, and F200 with core processor, Model 2200S, or Model 1700/2700 transmitter  
Ambient temperature: -40 to +140 °F (-40 to +60 °C)  
Class I, Div. 1, Groups C and D  
Class I, Div. 2, Groups A, B, C, and D  
Class II, Div. 1, Groups E, F, and G

---

Models F300S and F300H with junction box  
Ambient temperature: +140 °F max. (+60 °C max.)  
Class I, Div. 1, Groups C and D  
Class I, Div. 2, Groups A, B, C, and D  
Class II, Div. 1, Groups E, F, and G

---

Models F300S and F300H with core processor, Model 2200S, or Model 1700/2700 transmitter  
Ambient temperature: -40 to +140 °F (-40 to +60 °C)  
Class I, Div. 1, Groups C and D  
Class I, Div. 2, Groups A, B, C, and D  
Class II, Div. 1, Groups E, F, and G

---

All high-temperature models with junction box  
Ambient temperature: +140 °F max. (+60 °C max.)  
Class I, Div. 1, Groups C and D  
Class I, Div. 2, Groups A, B, C, and D  
Class II, Div. 1, Groups E, F, and G

---

All high-temperature models with core processor, or Model 1700/2700 transmitter  
Ambient temperature: -40 to +140 °F (-40 to +60 °C)  
Class I, Div. 1, Groups C and D  
Class I, Div. 2, Groups A, B, C, and D  
Class II, Div. 1, Groups E, F, and G

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## UL

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Models F025, F050, F100, and F200 with junction box  
Ambient temperature: -4 to +104 °F (-20 to +40 °C)  
Class I, Div. 1, Groups C and D  
Class I, Div. 2, Groups A, B, C, and D  
Class II, Div. 1, Groups E, F, and G

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## Hazardous area classifications *continued*

### IECEx<sup>(1)</sup>

All models with Model 2400S transmitter	Ex nA II T1–T5
Models F025, F050, F100, F200 with core processor or Model 1700/2700 transmitter	Ex ib IIC T1–T5
Models F025, F050, F100, F200 with Model 1700/2700 transmitter with THUM adapter	Ex ib IIC T1–T4
Models F025, F050, F100 and F200 with junction box	Ex ib IIC T1–T6
Model F300S and F300H with core processor or Model 1700/2700 transmitter	Ex ib IIB T1–T5
Model F300S and F300H with Model 1700/2700 transmitter with THUM adapter	Ex ib IIB T1–T4
Models F300S and F300H with junction box	Ex ib IIB T1–T6
Models F025, F050, F100, F200 with Model 2200S transmitter	Ex ib IIC T1–T4
Model F300S and F300H with Model 2200S transmitter	Ex ib IIB T1–T4

### NEPSI<sup>(1)</sup>

All models with Model 2400S transmitter	Ex nA II T1–T5
Models F025, F050, F100, F200 with core processor or Model 1700/2700 transmitter	Ex ib IIC T1–T5
Models F025, F050, F100 and F200 with junction box	Ex ib IIC T1–T6
Model F300S and F300H with core processor or Model 1700/2700 transmitter	Ex ib IIB T1–T5
Models F300S and F300H with junction box	Ex ib IIB T1–T6

### ATEX

All models with Model 2400S transmitter	  II 3G Ex nA II T1–T5 II 3D Ex tD A22 IP65 T <sup>(1)</sup> °C
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(1) Refer to the ATEX temperature graphs on the following pages for ambient and process temperature limits.

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# Hazardous area classifications *continued*

ATEX<sup>(1)</sup>

(Certified per BVS 03 ATEX E 176 X)

Models F025, F050, F100, and F200 with integral core processor or Model 1700/2700 transmitter (max. ambient for core processor is +60 °C)

Transmitter with THUM adapter and display

CE 0575 Ex II 2G Ex ib IIB+H<sub>2</sub> T1–T4

Transmitter with THUM adapter, without display

CE 0575 Ex II 2G Ex ib IIC T1–T4

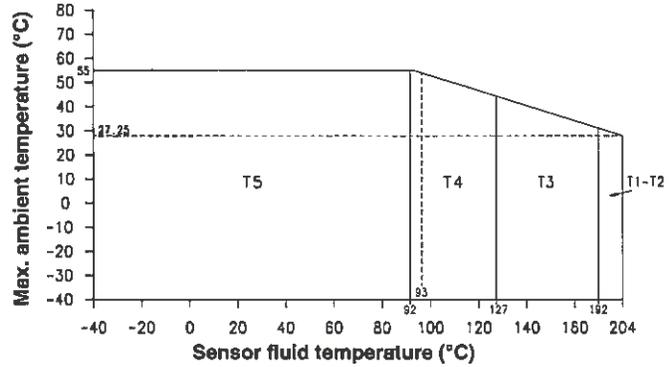
Transmitter with display:

CE 0575 Ex II 2G Ex ib IIB+H<sub>2</sub> T1–T5  
II 2D Ex tD A21 IP65 T<sup>(1)</sup> °C

Core processor or transmitter without display:

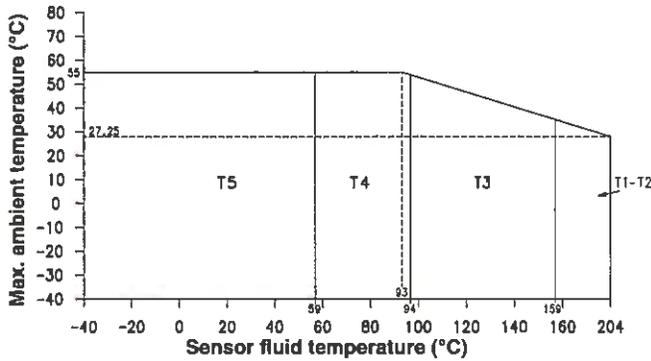
CE 0575 Ex II 2G Ex ib IIC T1–T5  
II 2D Ex tD A21 IP65 T<sup>(1)</sup> °C

F025 and F050 with C.I.C. A2



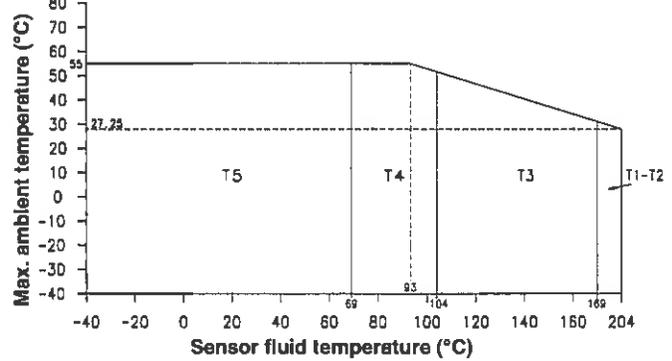
Note 1: The maximum surface temperature for dust is as follows: T5:T 95°C, T4:T 130°C, T3:T 195°C, T2 to T1:T 207°C.  
Note 2: When installed with the THUM adapter, the T4 rating spans –40 to +127°C.

F100 with C.I.C. A2



Note 1: The maximum surface temperature for dust is as follows: T5:T 95°C, T4:T 130°C, T3:T 195°C, T2 to T1:T 240°C.  
Note 2: When installed with the THUM adapter, the T4 rating spans –40 to +94°C.

F200 with C.I.C. A1



Note 1: The maximum surface temperature for dust is as follows: T5:T 95°C, T4:T 130°C, T3:T 195°C, T2 to T1:T 230°C.  
Note 2: When installed with the THUM adapter, the T4 rating spans –40 to +104°C.

(1) ATEX "T" rating depends on the maximum temperature shown in the graphs above.

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# Hazardous area classifications *continued*

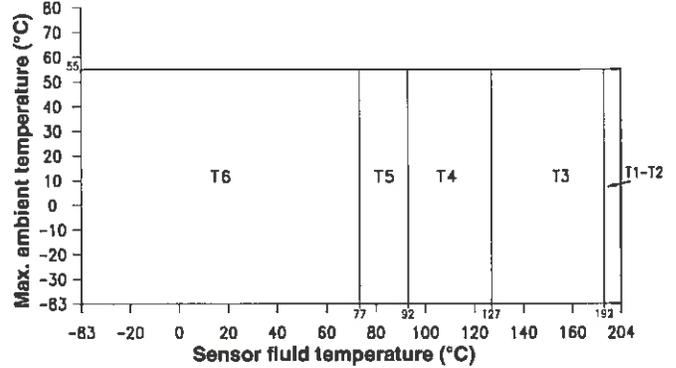
ATEX<sup>(1)</sup>

(Certified per BVS 03 ATEX E 176 X)

Models F025, F050, F100, and F200 with junction box when connected to MVD transmitter

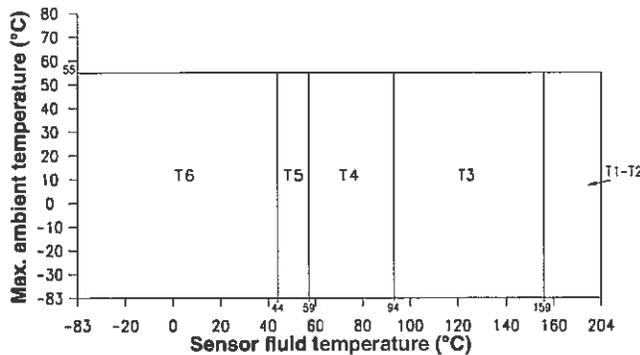
CE 0575 Ex II 2G Ex ib IIC T1-T6  
II 2D Ex tD A21 IP65 T °C

F025 and F050 with C.I.C. A2



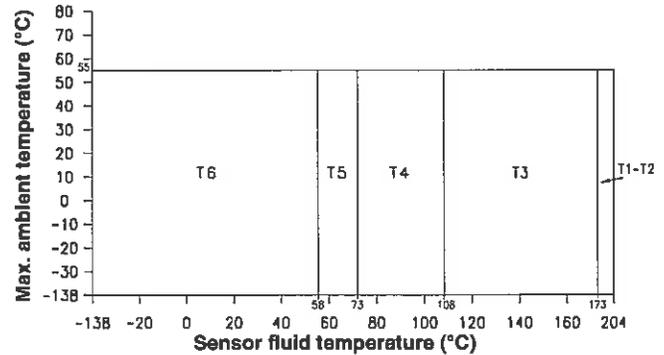
The maximum surface temperature for dust is as follows: T6:T 80°C, T5:T 95°C, T4:T 130°C, T3:T 195°C, T2 to T1:T 207°C  
The minimum ambient and process fluid temperature allowed for dust is -40°C.

F100 with C.I.C. A2



The maximum surface temperature for dust is as follows: T6:T 80°C, T5:T 95°C, T4:T 130°C, T3:T 195°C, T2 to T1:T 240°C  
The minimum ambient and process fluid temperature allowed for dust is -40°C.

F200 with C.I.C. A1



The maximum surface temperature for dust is as follows: T6:T 80°C, T5:T 95°C, T4:T 130°C, T3:T 195°C, T2 to T1:T 226°C  
The minimum ambient and process fluid temperature allowed for dust is -40°C.

(1) ATEX "T" rating depends on the maximum temperature shown in the graphs above.

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# Hazardous area classifications *continued*

ATEX<sup>(1)</sup>

(Certified per BVS 03 ATEX E 176 X)

Models F025, F050, F100, and F200 with Model 2200S transmitter

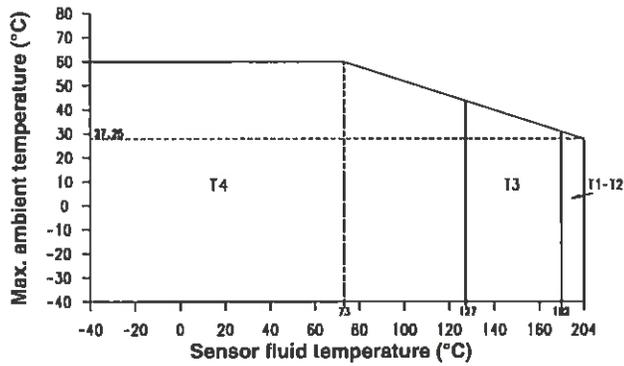
Transmitter:

CE 0575 Ex II 2G Ex ib IIC T1–T4  
II 2D Ex tD A21 IP65 T °C

Transmitter with THUM adapter:

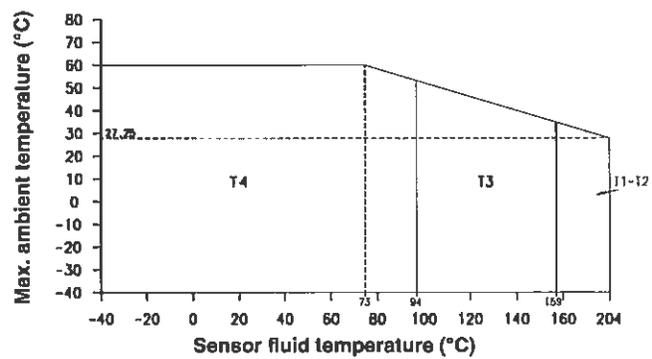
CE 0575 Ex II 2G Ex ib IIC T1–T4

F025 and F050



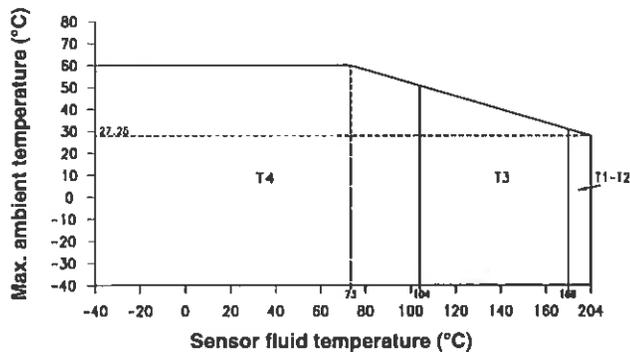
The maximum surface temperature for dust is as follows: T4:T 130°C, T3:T 195°C, T2 to T1:T 207°C

F100



The maximum surface temperature for dust is as follows: T4:T 130°C, T3:T 195°C, T2 to T1:T 240°C

F200



The maximum surface temperature for dust is as follows: T4:T 130°C, T3:T 195°C, T2 to T1:T 230°C

(1) ATEX "T" rating depends on the maximum temperature shown in the graphs above.

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# Hazardous area classifications *continued*

ATEX<sup>(1)</sup>

(Certified per BVS 03 ATEX E 176 X)

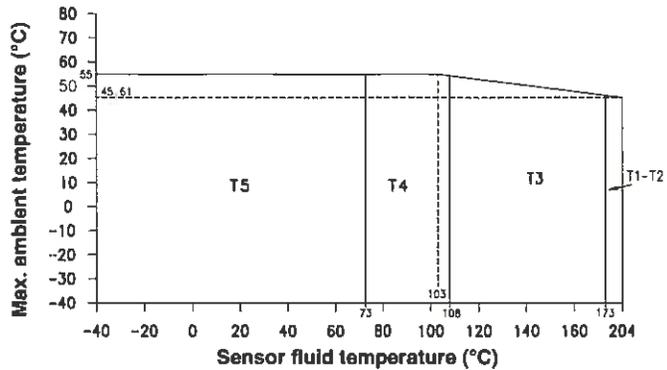
Model F300 with integral core processor or Model 1700/2700 transmitter (max. ambient for core processor is +60 °C)

Transmitter:

CE 0575 Ex II 2G Ex ib IIB T1–T5  
II 2D Ex tD A21 IP65 T<sup>(1)</sup> °C

Transmitter with THUM adapter:

CE 0575 Ex II 2G Ex ib IIB T1–T4

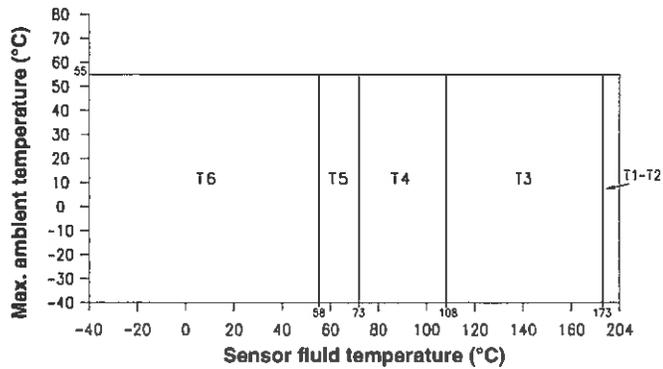


Note 1: The maximum surface temperature for dust is as follows: T5:T 95°C, T4:T 130°C, T3:T 195°C, T2 to T1:T 226°C.

Note 2: When installed with the THUM adapter, the T4 rating spans –40 to +108°C.

Model F300 with junction box connected to MVD transmitter

CE 0575 Ex II 2G Ex ib IIB T1–T6  
II 2D Ex tD A21 IP65 T<sup>(1)</sup> °C



Note 1: The maximum surface temperature for dust is as follows: T6:T 80°C, T5:T 95°C, T4:T 130°C, T3:T 195°C, T2–T1:T 226°C.

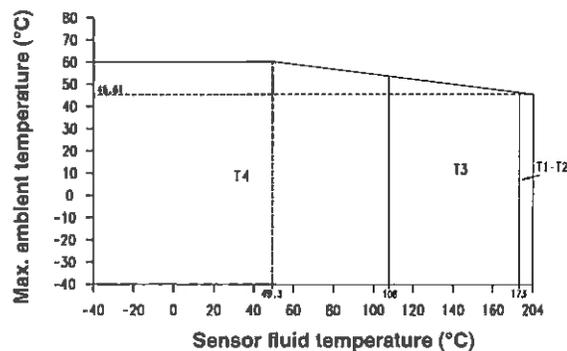
Model F300 with Model 2200S transmitter

Transmitter:

CE 0575 Ex II 2G Ex ib IIB T1–T4  
II 2D Ex tD A21 IP65 T<sup>(1)</sup> °C

Transmitter with THUM adapter:

CE 0575 Ex II 2G Ex ib IIB T1–T4



The maximum surface temperature for dust is as follows: T4:T 130°C, T3:T 195°C, T2 to T1:T 226°C

(1) ATEX "T" rating depends on the maximum temperature shown in the graphs above.

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# Hazardous area classifications *continued*

ATEX<sup>(1)</sup>

(Certified per BVS 03 ATEX E 176 X)

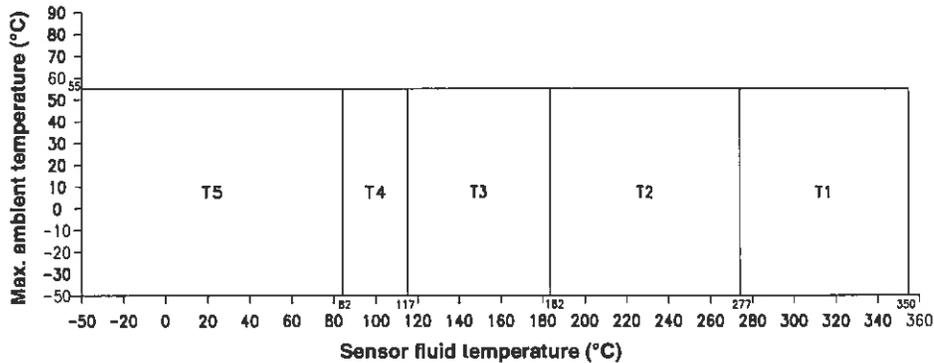
Models F025(A or B), F050(A or B), and F100(A or B) with C.I.C. no marking or A3 with core processor or Model 1700/2700 transmitter

Transmitter:

CE 0575 Ex II 2G Ex ib IIC T1–T5  
II 2D Ex tD A21 IP65 T °C

Transmitter with THUM adapter:

CE 0575 Ex II 2G Ex ib IIC T1–T4

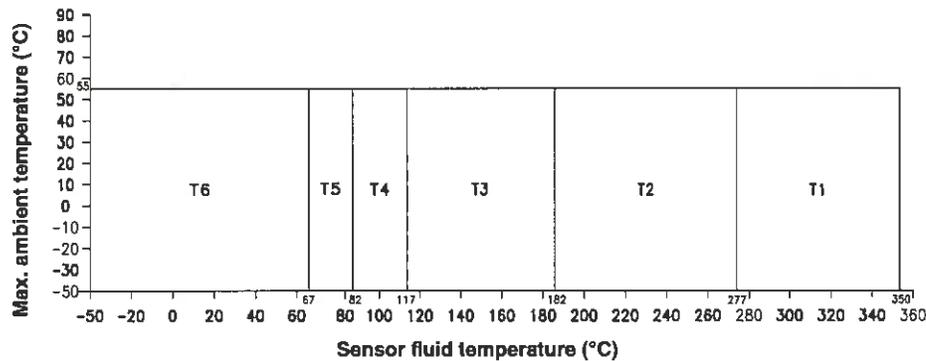


Note 1: The maximum surface temperature for dust is as follows: T5:T 95°C, T4:T 130°C, T3:T 195°C, T2: T 290°C, T1:T 363°C. The minimum ambient and process fluid temperature allowed for dust is -40°C.

Note 2: When installed with the THUM adapter, the T4 rating spans -50 to +117°C.

Models F025(A or B), F050(A or B), and F100(A or B) with C.I.C. no marking or A3 with junction box connected to MVD transmitter

CE 0575 Ex II 2G Ex ib IIC T1–T6  
II 2D Ex tD A21 IP65 T °C



The maximum surface temperature for dust is as follows: T6:T 80°C, T5:T 95°C, T4:T 130°C, T3:T 195°C, T2:T 290°C, T1:T 363°C. The minimum ambient and process fluid temperature allowed for dust is -40°C.

(1) ATEX "T" rating depends on the maximum temperature shown in the graphs above.

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# Materials of construction

<b>Wetted parts<sup>(1)</sup></b>	All models	316L stainless steel or alloy C-22 <sup>(2)</sup>
<b>Housing</b>	Sensor	304L stainless steel
	Core processor	300-series stainless steel or polyurethane-painted aluminum; NEMA 4X (IP66)
	Model 2400S transmitter	316L stainless steel or polyurethane-painted aluminum; NEMA 4X (IP66/67)
	Model 2200S transmitter	316L stainless steel or polyurethane-painted aluminum; NEMA 4X (IP66/67)
	Junction box	Stainless steel or polyurethane-painted aluminum; NEMA 4X (IP66)

(1) General corrosion guidelines do not account for cyclical stress, and therefore should not be relied upon when choosing a wetted material for your Micro Motion meter. Please refer to the Micro Motion Corrosion Guide for material compatibility information.

(2) The outer flange ring on lap joint type flanges is non-wetted and is 304L stainless steel. Consult factory for other materials.

# Weight

Weights provided are the weight of the meter with ANSI CL150 weld neck raised face flanges. All weights are in lb (kg).

	Core processor, 2400S transmitter, 2200S transmitter <sup>(1)</sup>	Extended core processor, 2400S transmitter, 2200S transmitter <sup>(1)</sup>	1700/2700 transmitter	Junction box	Extended junction box
F025S and F025P	11 (5)	12 (6)	17 (8)	10 (5)	11 (5)
F025H	13 (6)	14 (6)	18 (8)	13 (6)	14 (6)
F025A <sup>(2)</sup>	17 (8)	—	22 (10)	17 (8)	—
F025B <sup>(2)</sup>	18 (9)	—	23 (11)	18 (9)	—
F050S and F050P	12 (6)	13 (6)	18 (9)	11 (5)	12 (6)
F050H	14 (6)	15 (7)	19 (9)	14 (6)	15 (7)
F050A <sup>(2)</sup>	18 (8)	—	23 (11)	18 (8)	—
F050B <sup>(2)</sup>	19 (9)	—	24 (11)	19 (9)	—
F100S	22 (10)	23 (11)	27 (13)	21 (10)	22 (10)
F100H	22 (10)	23 (11)	27 (12)	22 (10)	23 (11)
F100A or F100B <sup>(2)</sup>	27 (12)	—	32 (15)	27 (12)	—
F200S	43 (20)	44 (20)	49 (23)	42 (20)	43 (20)
F200H	57 (25)	58 (26)	61 (27)	57 (25)	58 (26)
F300S	157 (71)	158 (72)	162 (74)	156 (71)	157 (71)
F300H	161 (73)	162 (73)	168 (76)	160 (73)	161 (73)

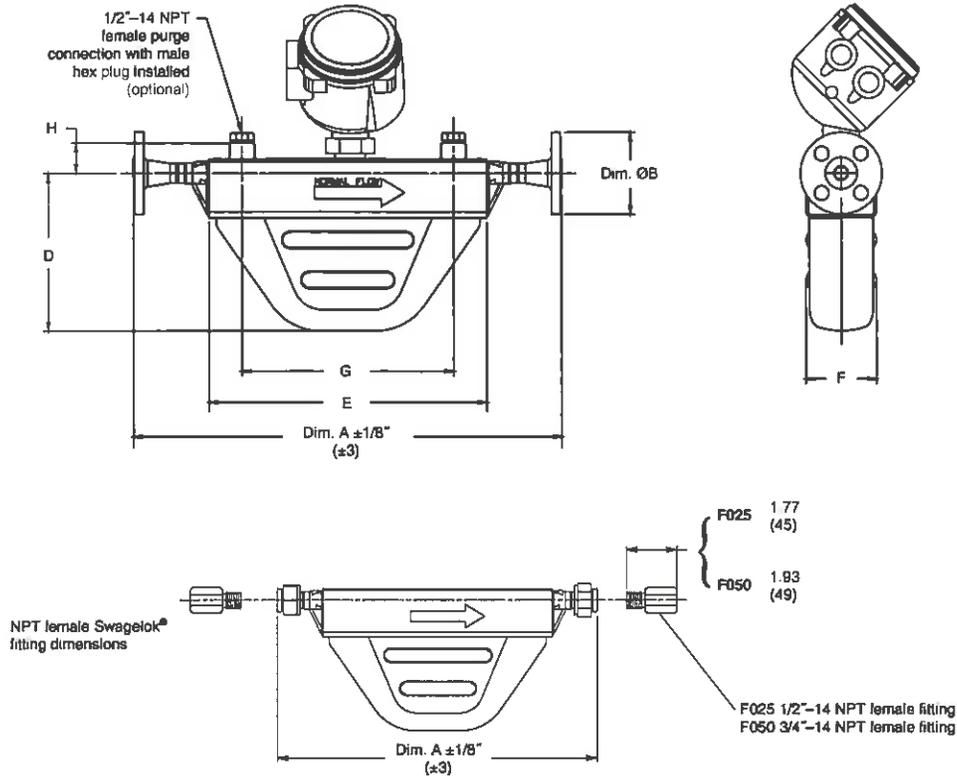
(1) Weight stated for sensor with aluminum transmitter or core processor. Add 4 lb (2 kg) for stainless steel core housing option (electronics interface codes A and B).

(2) For high-temperature models, the integral electronics are mounted at the end of a flexible conduit. The weights listed include the weight of the conduit.

# Dimensions

## Sensor

Dimensions in inches  
(mm)



Model		Dimensions in inches (mm) <sup>(1)</sup>				
		D	E	F	G	H
F025	inches	5.12	9.75	2.81	7.5	1.26
	mm	130	248	71	190	32
F050	inches	6.75	11.88	2.94	9	1.26
	mm	171	302	75	229	32
F100	inches	9.12	14.88	4.13	12	1.51
	mm	232	378	105	305	38
F200	inches	12.56	17.88	5.62	14	2.38
	mm	319	454	143	356	61
F300	inches	7.25	27.72	5.88	21	4.07
	mm	184	704	149	533	103

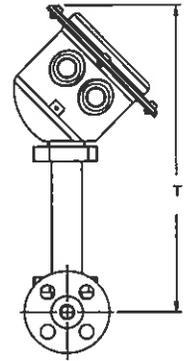
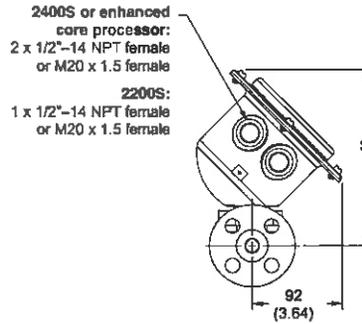
(1) For dimensions A and B, see process fitting tables on pages 23–28. For electronics dimensions, see pages 19–20.

# Dimensions *continued*

## Electronics

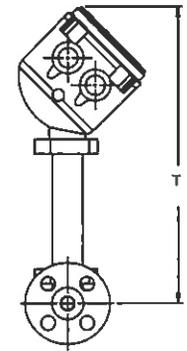
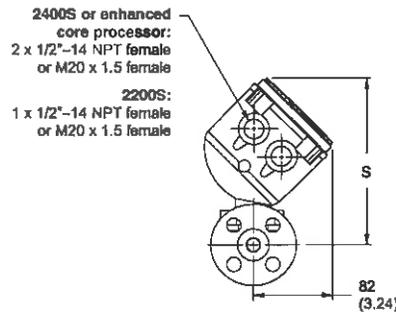
Model 2400S, Model 2200S, or enhanced core processor with stainless steel housing

Model	Dimensions in mm (inches)	
	S	T
F025	186 (7.31)	322 (12.68)
F050	186 (7.31)	322 (12.68)
F100	192 (7.56)	328 (12.93)
F200	216 (8.50)	352 (13.86)
F300	260 (10.25)	395 (15.57)



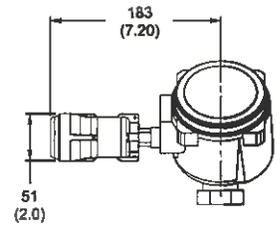
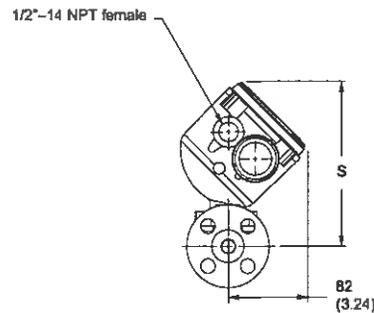
Model 2400S, Model 2200S, or enhanced core processor, with aluminum housing

Model	Dimensions in mm (inches)	
	S	T
F025	176 (6.91)	312 (12.28)
F050	176 (6.91)	312 (12.28)
F100	182 (7.16)	318 (12.53)
F200	206 (8.10)	342 (13.46)
F300	250 (9.85)	385 (15.17)



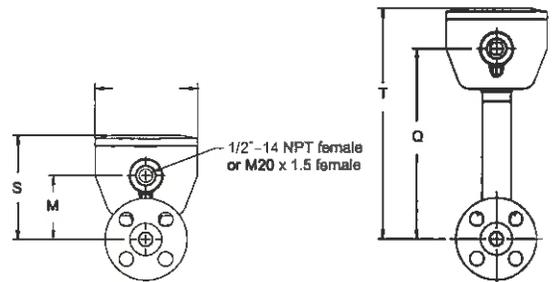
Model 2200S with THUM adapter

Model	Dimensions in mm (inches)	
	S	T
F025	176 (6.91)	
F050	176 (6.91)	
F100	182 (7.16)	
F200	206 (8.10)	
F300	250 (9.85)	



Standard core processor

Model	Dimensions in mm (inches)			
	M	Q	S	T
F025	68 (2.69)	205 (8.06)	113 (4.45)	250 (9.83)
F050	68 (2.69)	205 (8.06)	113 (4.45)	250 (9.83)
F100	75 (2.94)	211 (8.31)	119 (4.7)	256 (10.08)
F200	98 (3.87)	235 (9.25)	143 (5.64)	280 (11.01)
F300	143 (5.62)	279 (11)	188 (7.39)	324 (12.76)



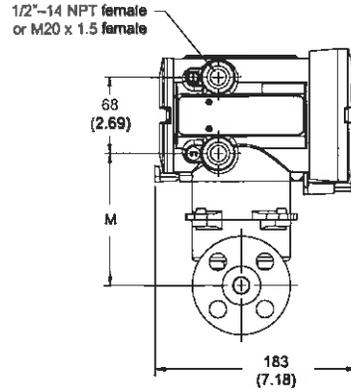
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# Dimensions *continued*

## Electronics

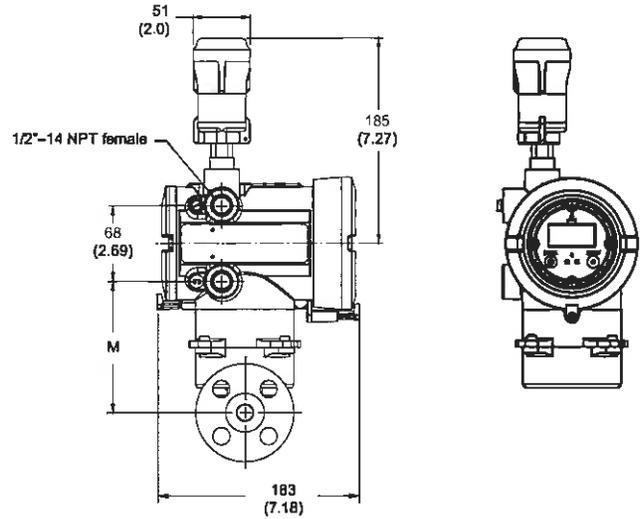
### Model 2700

Model	Dimensions in mm (inches)	
	M	
F025	118	(4.66)
F050	118	(4.66)
F100	125	(4.91)
F200	148	(5.85)
F300	193	(7.6)



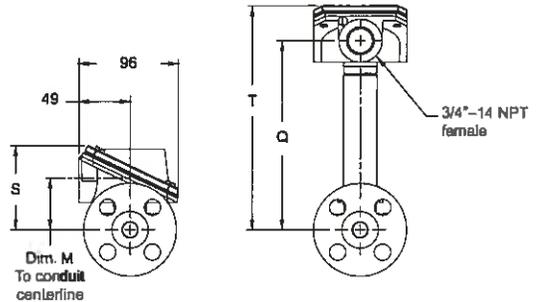
### Model 2700 with THUM adapter

Model	Dimensions in mm (inches)	
	M	
F025	118	(4.66)
F050	118	(4.66)
F100	125	(4.91)
F200	148	(5.85)
F300	193	(7.6)



### Junction box

Model	Dimensions in mm			
	M	Q	S	T
F025	46	183	79	216
F050	46	183	79	216
F100	52	189	85	222
F200	76	213	109	246
F300	121	257	154	290

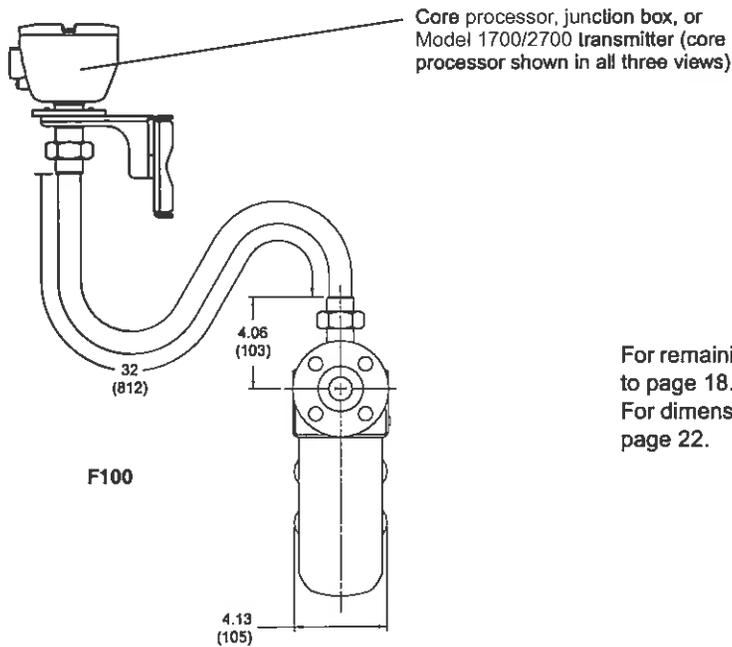
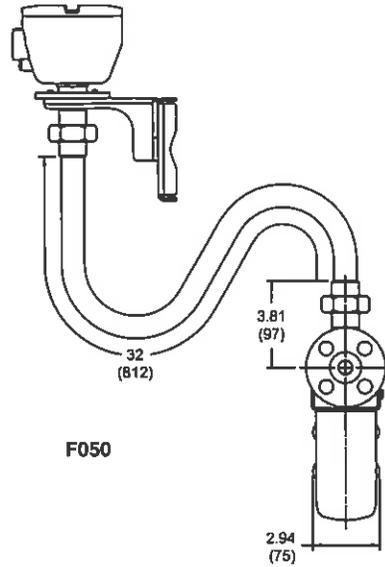
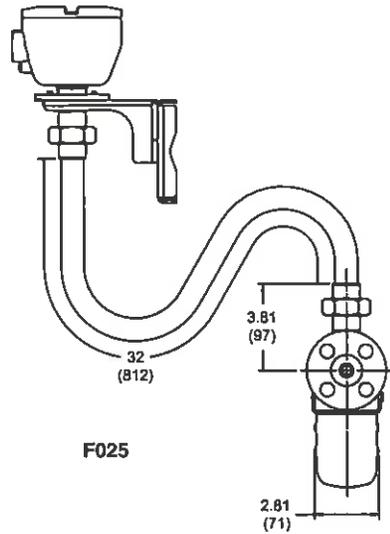


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# Dimensions *continued*

## High-temperature Models F025(A and B), F050(A and B), and F100(A and B)

Dimensions in *inches*  
(*mm*)



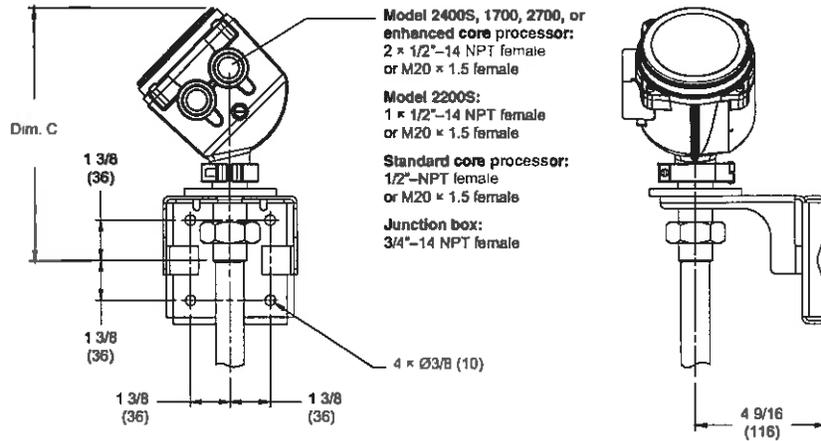
For remaining sensor dimensions, refer to page 18.  
For dimensions of electronics, refer to page 22.

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# Dimensions *continued*

## Electronics mounted on high-temperature sensor flexible conduit

Dimensions in *inches*  
(*mm*)



Electronics interface option		Dimension C in Inches (mm)
0	Model 2400S transmitter, painted aluminum housing	8 7/8 (225)
	Model 2400S transmitter, stainless steel housing	9 1/4 (235)
2	Enhanced core processor, painted aluminum housing	8 7/8 (225)
3	Enhanced core processor, stainless steel housing	9 1/4 (235)
Q	Standard core processor, painted aluminum housing	6 5/16 (161)
A	Standard core processor, stainless steel housing	6 5/16 (161)
C	Model 1700/2700 transmitter	10 1/4 (261)
R	Junction box, painted aluminum housing	3 9/16 (91)
S	Junction box, stainless steel housing	3 9/16 (91)

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## Fitting options

	Fitting code <sup>(1)</sup>	Dim. A face-to-face inches (mm)	Dim. B outside diam. inches (mm)
<b>Model F025S</b>			
1/2-inch ANSI CL150 weld neck raised face flange	113	15.98 (406)	3.50 (89)
1/2-inch ANSI CL300 weld neck raised face flange	114	16.38 (416)	3.75 (95)
1/2-inch ANSI CL600 weld neck raised face flange	115	16.86 (428)	3.75 (95)
1/2-inch NPT female Swagelok size 8 VCO fitting	319	17.63 (448) <sup>(2)</sup>	not applicable
1/2-inch sanitary fitting (Tri-Clamp® compatible)	121	13.99 (355)	0.98 (25)
DN15 PN40 weld neck; DIN 2635 type C face	116	15.23 (387)	3.74 (95)
DN15 PN40 weld neck flange; EN 1092-1 Form B1	176	15.23 (387)	3.74 (95)
DN15 PN40 weld neck flange; EN 1092-1 Form D	310	15.23 (387)	3.74 (95)
DN25 PN40 weld neck flange; EN 1092-1 Form B1	172	15.39 (391)	4.53 (115)
DN25 PN40 weld neck flange; EN 1092-1 Form D	183	15.39 (391)	4.53 (115)
DN15 PN100/160 weld neck flange; DIN 2638 type E face	120	15.80 (401)	4.13 (105)
DN15 PN100/160 weld neck flange; EN 1092-1 Form B2	170	15.80 (401)	4.13 (105)
DN15 PN100 weld neck flange; EN 1092-1 Form D	178	15.80 (401)	4.13 (105)
15mm DIN 11851 hygienic coupling	222	13.91 (353)	Rd 34 × 1/8
JIS 15mm 10K/20K weld neck raised face flange	122	15.46 (393)	3.74 (95)
JIS 15mm 40K weld neck raised face flange	221	16.52 (420)	4.53 (115)
<b>Models F025H and F025B</b>			
1/2-inch ANSI CL150 lap joint flange	520	16.06 (408)	3.50 (89)
1/2-inch ANSI CL300 lap joint flange	521	16.38 (416)	3.75 (95)
1/2-inch ANSI CL600 lap joint flange	517	16.38 (416)	3.75 (95)
JIS 15mm 10K lap joint flange	522	15.46 (393)	3.75 (95)
DN15 PN40 lap joint flange; EN 1092-1 Form B1	524	15.23 (387)	3.74 (95)
<b>Model F025P</b>			
15mm DIN PN100/160 weld neck, DIN 2638, type E face	120	15.80 (401)	4.13 (105)
1/2-inch ANSI CL900 weld neck raised face flange	150	17.48 (444)	4.75 (121)
DN15 PN100/160 weld neck flange; EN 1092-1 Form B2	170	15.80 (401)	4.13 (105)
DN15 PN100 weld neck flange; EN 1092-1 Form D	178	15.80 (401)	4.13 (105)
DN25 PN100 weld neck flange; EN 1092-1 Form B2	180	16.82 (427)	5.51 (140)
1/2-inch NPT female Swagelok size 8 VCO fitting	319	17.63 (448) <sup>(2)</sup>	not applicable

(1) Fittings listed here are standard options. Other types of fittings are available. The face to face dimensions for any custom fittings ordered using a 998 or 999 fitting code are not represented in this table. It is necessary to confirm face to face dimensions of these fittings at time of ordering. Contact your local Micro Motion representative.

(2) Dimension specified in table does NOT include fitting length. For installation, modify Dim. A value to include fitting. See pages 18–22.

## Fitting options *continued*

	Fitting code <sup>(1)</sup>	Dim. A face-to-face inches (mm)	Dim B. outside diam. inches (mm)
<b>Model F025A</b>			
1/2-inch ANSI CL150 weld neck raised face flange	113	15.98 (406)	3.50 (89)
1/2-inch ANSI CL300 weld neck raised face flange	114	16.38 (416)	3.75 (95)
1/2-inch ANSI CL600 weld neck raised face flange	115	16.86 (428)	3.75 (95)
1/2-inch ANSI CL900 weld neck raised face flange	150	17.48 (444)	4.75 (121)
DN15 PN40 weld neck flange; EN 1092-1 Form B1	176	15.23 (387)	3.74 (95)
DN15 PN40 weld neck flange; EN 1092-1 Form D	310	15.23 (387)	3.74 (95)
DN15 PN100/160 weld neck flange; EN 1092-1 Form B2	170	15.80 (401)	4.13 (105)
DN15 PN100 weld neck flange; EN 1092-1 Form D	178	15.80 (401)	4.13 (105)
DN25 PN40 weld neck flange; EN 1092-1 Form B1	172	15.39 (391)	4.53 (115)
DN25 PN40 weld neck flange; EN 1092-1 Form D	183	15.39 (391)	4.53 (115)
JIS 15mm 10K/20K weld neck raised face flange	122	15.46 (393)	3.74 (95)
JIS 15mm 40K weld neck raised face flange	221	16.52 (420)	4.53 (115)
<b>Model F050S</b>			
1/2-inch ANSI CL150 weld neck raised face flange	113	18.12 (460)	3.50 (89)
1/2-inch ANSI CL300 weld neck raised face flange	114	18.48 (469)	3.75 (95)
1/2-inch ANSI CL600 weld neck raised face flange	115	18.98 (482)	3.75 (95)
3/4-inch NPT female Swagelok size 12 VCO fitting	239	16.43 (417) <sup>(2)</sup>	not applicable
3/4-inch sanitary fitting (Tri-Clamp compatible)	322	15.86 (403)	0.98 (25)
DN15 PN40 weld neck flange; DIN 2635 type C face	116	17.36 (441)	3.74 (95)
DN15 PN40 weld neck flange; EN 1092-1 Form B1	176	17.36 (441)	3.74 (95)
DN15 PN40 weld neck flange; EN 1092-1 Form D	310	17.36 (441)	3.74 (95)
DN15 PN100/160 weld neck flange; DIN 2638 type E face	120	17.90 (455)	4.13 (105)
DN15 PN100/160 weld neck flange; EN 1092-1 Form B2	170	17.90 (455)	4.13 (105)
DN15 PN100 weld neck flange; EN 1092-1 Form D	178	17.90 (455)	4.13 (105)
DN25 PN40 weld neck flange; DIN 2635 type C face	131	17.50 (445)	4.53 (115)
DN25 PN40 weld neck flange; EN 1092-1 Form B1	172	17.50 (445)	4.53 (115)
DN25 PN40 weld neck flange; EN 1092-1 Form D	183	17.50 (445)	4.53 (115)
15mm DIN 11851 hygienic coupling	222	16.01 (407)	Rd 34 × 1/8
JIS 15mm 10K/20K weld neck raised face flange	122	17.56 (446)	3.74 (95)
JIS 15mm 40K weld neck raised face flange	221	18.62 (473)	4.53 (115)

(1) Fittings listed here are standard options. Other types of fittings are available. The face to face dimensions for any custom fittings ordered using a 998 or 999 fitting code are not represented in this table. It is necessary to confirm face to face dimensions of these fittings at time of ordering. Contact your local Micro Motion representative.

(2) Dimension specified in table does NOT include fitting length. For installation, modify Dim. A value to include fitting. See pages 18–22.

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## Fitting options *continued*

	Fitting code <sup>(1)</sup>	Dim. A face-to-face inches (mm)	Dim B. outside diam. inches (mm)
<b>Model F050P</b>			
1/2-inch ANSI CL150 weld neck raised face flange	113	18.12 (460)	3.50 (89)
1/2-inch ANSI CL300 weld neck raised face flange	114	18.48 (469)	3.75 (95)
1/2-inch ANSI CL600 weld neck raised face flange	115	18.98 (482)	3.75 (95)
1/2-inch ANSI CL900 weld neck raised face flange	150	19.62 (498)	4.75 (121)
DN15 PN40 weld neck flange; DIN 2635 type C face	116	17.36 (441)	3.74 (95)
DN15 PN100/160 weld neck flange; DIN 2638 type E face	120	17.90 (455)	4.13 (105)
DN25 PN40 weld neck flange; DIN 2635 type C face	131	17.50 (445)	4.53 (115)
DN15 PN100/160 weld neck flange; EN 1092-1 Form B2	170	17.90 (455)	4.13 (105)
DN15 PN100 weld neck flange; EN 1092-1 Form D	178	17.90 (455)	4.13 (105)
DN25 PN100 weld neck flange; EN 1092-1 Form B2	180	18.93 (481)	5.51 (140)
3/4-inch NPT female Swagelok size 12 VCO fitting	239	16.43 (417) <sup>(2)</sup>	not applicable
3/4-inch sanitary fitting (Tri-Clamp compatible)	322	15.86 (403)	0.98 (25)
JIS 15mm 10K/20K weld neck raised face flange	122	17.56 (446)	3.74 (95)
JIS 15mm 40K weld neck raised face flange	221	18.62 (473)	4.53 (115)
<b>Models F050H and F050B</b>			
1/2-inch ANSI CL150 lap joint flange	520	18.19 (462)	3.50 (89)
1/2-inch ANSI CL300 lap joint flange	521	18.55 (471)	3.75 (95)
1/2-inch ANSI CL600 lap joint flange	517	18.55 (471)	3.75 (95)
JIS 15mm 10K lap joint flange	522	17.56 (446)	3.75 (95)
DN15 PN40 lap joint flange; EN 1092-1 Form B1	524	17.36 (441)	3.74 (95)
<b>Model F050A</b>			
1/2-inch ANSI CL150 weld neck raised face flange	113	18.12 (460)	3.50 (89)
1/2-inch ANSI CL300 weld neck raised face flange	114	18.48 (469)	3.75 (95)
1/2-inch ANSI CL600 weld neck raised face flange	115	18.98 (482)	3.75 (95)
1/2-inch ANSI CL900 weld neck raised face flange	150	19.62 (498)	4.75 (121)
DN15 PN40 weld neck flange; EN 1092-1 Form B1	176	17.36 (441)	3.74 (95)
DN15 PN40 weld neck flange; EN 1092-1 Form D	310	17.36 (441)	3.74 (95)
DN15 PN100/160 weld neck flange; EN 1092-1 Form B2	170	17.90 (455)	4.13 (105)
DN15 PN100 weld neck flange; EN 1092-1 Form D	178	17.90 (455)	4.13 (105)
DN25 PN40 weld neck flange; EN 1092-1 Form B1	172	17.50 (445)	4.53 (115)
DN25 PN40 weld neck flange; EN 1092-1 Form D	183	17.50 (445)	4.53 (115)
JIS 15mm 10K/20K weld neck raised face flange	122	17.56 (446)	3.74 (95)
JIS 15mm 40K weld neck raised face flange	221	18.62 (473)	4.53 (115)

(1) *Fittings listed here are standard options. Other types of fittings are available. The face to face dimensions for any custom fittings ordered using a 998 or 999 fitting code are not represented in this table. It is necessary to confirm face to face dimensions of these fittings at time of ordering. Contact your local Micro Motion representative.*

(2) *Dimension specified in table does NOT include fitting length. For installation, modify Dim. A value to include fitting. See pages 18–22.*

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## Fitting options *continued*

	Fitting code <sup>(1)</sup>	Dim. A face-to-face inches (mm)	Dim B. outside diam. inches (mm)
<b>Model F100S</b>			
1-inch ANSI CL150 weld neck raised face flange	128	22.66 (576)	4.25 (108)
1-inch ANSI CL300 weld neck raised face flange	129	23.16 (588)	4.86 (123)
1-inch ANSI CL600 weld neck raised face flange	130	23.66 (601)	4.88 (124)
1-inch sanitary fitting (Tri-Clamp compatible)	138	21.28 (541)	1.98 (50)
2-inch ANSI CL150 weld neck raised face flange	209	23.04 (585)	6 (152)
DN25 PN40 weld neck flange; DIN 2635 type C face	131	21.42 (544)	4.53 (115)
DN25 PN100/160 weld neck flange; DIN 2638 type E face	137	22.84 (580)	5.51 (140)
25mm DIN 11851 hygienic coupling	230	20.56 (522)	Rd 52 × 1/6
DN25 PN40 weld neck flange; EN 1092-1 Form B1	179	21.42 (544)	4.53 (115)
DN25 PN40 weld neck flange; EN 1092-1 Form D	311	21.42 (544)	4.53 (115)
DN25 PN100 weld neck flange; EN 1092-1 Form B2	180	22.84 (580)	5.51 (140)
DN25 PN100 weld neck flange; EN 1092-1 Form D	181	22.84 (580)	5.51 (140)
JIS 25mm 10K/20K weld neck raised face flange	139	21.69 (551)	4.92 (125)
JIS 25mm 40K weld neck raised face flange	229	22.92 (582)	5.12 (130)
<b>Models F100H and F100B</b>			
1-inch ANSI CL150 lap joint flange	530	22.74 (578)	4.25 (108)
1-inch ANSI CL300 lap joint flange	531	23.24 (590)	4.87 (124)
1-inch ANSI CL600 lap joint flange	535	23.24 (590)	4.88 (124)
JIS 25mm 10K lap joint flange	532	21.75 (553)	4.92 (125)
DN25 PN40 lap joint flange; EN 1092-1 Form B1	534	21.52 (547)	3.74 (95)
<b>Model F100A</b>			
1-inch ANSI CL150 weld neck raised face flange	128	22.66 (576)	4.25 (108)
1-inch ANSI CL300 weld neck raised face flange	129	23.16 (588)	4.86 (123)
1-inch ANSI CL600 weld neck raised face flange	130	23.66 (601)	4.88 (124)
2-inch ANSI CL150 weld neck raised face flange	209	23.04 (585)	6 (152)
1-inch ANSI CL900 weld neck raised face flange	928	24.57 (624)	5.88 (149)
DN25 PN40 weld neck flange; EN 1092-1 Form B1	179	21.42 (544)	4.53 (115)
DN25 PN40 weld neck flange; EN 1092-1 Form D	311	21.42 (544)	4.53 (115)
DN25 PN100 weld neck flange; EN 1092-1 Form B2	180	22.84 (580)	5.51 (140)
DN25 PN100 weld neck flange; EN 1092-1 Form D	181	22.84 (580)	5.51 (140)
JIS 25mm 10K/20K weld neck raised face flange	139	21.69 (551)	4.92 (125)
JIS 25mm 40K weld neck raised face flange	229	22.92 (582)	5.12 (130)

(1) *Fittings listed here are standard options. Other types of fittings are available. The face to face dimensions for any custom fittings ordered using a 998 or 999 fitting code are not represented in this table. It is necessary to confirm face to face dimensions of these fittings at time of ordering. Contact your local Micro Motion representative.*

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## Fitting options *continued*

	Fitting code <sup>(1)</sup>	Dim. A face-to-face inches (mm)	Dim B. outside diam. inches (mm)
<b>Model F200S</b>			
1 1/2-inch ANSI CL150 weld neck raised face flange	341	24.76 (629)	5 (127)
1 1/2-inch ANSI CL300 weld neck raised face flange	342	25.26 (642)	6.12 (155)
1 1/2-inch ANSI CL600 weld neck raised face flange	343	25.76 (654)	6.12 (155)
2-inch ANSI CL150 weld neck raised face flange	418	24.88 (632)	6 (152)
2-inch ANSI CL300 weld neck raised face flange	419	25.38 (645)	6.50 (165)
2-inch ANSI CL600 weld neck raised face flange	420	26.13 (664)	6.50 (165)
1 1/2-inch sanitary fitting (Tri-Clamp compatible)	351	23.26 (591)	1.98 (50)
2-inch sanitary fitting (Tri-Clamp compatible)	352	22.88 (581)	2.52 (64)
DN40 PN40 weld neck flange; DIN 2635 type C face	381	23.55 (598)	5.91 (150)
DN50 PN40 weld neck flange; DIN 2635 type C face	382	23.63 (600)	6.50 (165)
DN50 PN100 weld neck flange; DIN 2637 type E face	378	25.23 (641)	7.68 (195)
DN40 PN40 weld neck flange; EN 1092-1 Form B1	368	23.42 (595)	5.91 (150)
DN40 PN40 weld neck flange; EN 1092-1 Form D	312	23.42 (595)	5.91 (150)
DN40 PN100 weld neck flange; EN 1092-1 Form B2	363	24.73 (628)	6.69 (170)
DN40 PN100 weld neck flange; EN 1092-1 Form D	366	24.73 (628)	6.69 (170)
DN50 PN40 weld neck flange; EN 1092-1 Form B1	369	23.63 (600)	6.50 (165)
DN50 PN40 weld neck flange; EN 1092-1 Form D	316	23.63 (600)	6.50 (165)
DN50 PN100 weld neck flange; EN 1092-1 Form B2	365	25.23 (641)	7.68 (195)
DN50 PN100 weld neck flange; EN 1092-1 Form D	367	25.23 (641)	7.68 (195)
40mm DIN 11851 hygienic coupling	353	23.18 (589)	Rd 65 × 1/6
50mm DIN 11851 hygienic coupling	354	23.26 (591)	Rd 78 × 1/6
JIS 40mm 10K weld neck raised face flange	385	23.44 (595)	5.51 (140)
JIS 40mm 20K weld neck raised face flange	387	23.44 (595)	5.51 (140)
JIS 50mm 10K weld neck raised face flange	386	23.42 (595)	6.10 (155)
JIS 50mm 20K weld neck raised face flange	388	23.62 (600)	6.10 (155)
JIS 50mm 40K weld neck raised face flange	389	25.64 (651)	6.50 (165)
<b>Model F200H</b>			
1 1/2-inch ANSI CL150 lap joint flange	540	24.76 (629)	5 (127)
1 1/2-inch ANSI CL300 lap joint flange	541	25.24 (641)	6.12 (155)
1 1/2-inch ANSI CL600 lap joint flange	537	25.24 (641)	6.12 (155)
DN40 PN40 lap joint flange; EN 1092-1 Form B1	548	23.55 (598)	5.91 (150)
DN50 PN40 lap joint flange; EN 1092-1 Form B1	549	23.82 (605)	6.50 (165)
2-inch ANSI CL150 lap joint flange	544	24.74 (628)	6 (152)
2-inch ANSI CL300 lap joint flange	545	25.24 (641)	6.50 (165)
JIS 40mm 10K lap joint flange	542	23.44 (595)	5 (127)
JIS 50mm 10K lap joint flange	546	23.68 (601)	6 (152)

(1) Fittings listed here are standard options. Other types of fittings are available. The face to face dimensions for any custom fittings ordered using a 998 or 999 fitting code are not represented in this table. It is necessary to confirm face to face dimensions of these fittings at time of ordering. Contact your local Micro Motion representative.

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## Fitting options *continued*

	Fitting code <sup>(1)</sup>	Dim. A face-to-face inches (mm)	Dim B. outside diam. inches (mm)
<b>Model F300S</b>			
3-inch ANSI CL150 weld neck raised face flange	355	36.83 (935)	7.50 (191)
3-inch ANSI CL300 weld neck raised face flange	356	37.57 (954)	8.25 (210)
3-inch ANSI CL600 weld neck raised face flange	357	38.33 (974)	8.25 (210)
4-inch ANSI CL150 weld neck raised face flange	425	37.21 (945)	9 (229)
4-inch ANSI CL300 weld neck raised face flange	426	38.15 (969)	10 (254)
4-inch ANSI CL600 weld neck raised face flange	427	39.83 (1012)	10.75 (273)
DN80 PN40 weld neck flange; DIN 2635 type C face	391	36.01 (915)	7.87 (200)
DN100 PN40 weld neck flange; DIN 2635 type C face	392	36.45 (926)	9.25 (235)
DN80 PN40 weld neck flange; DIN 2635 type N grooved face	393	36.01 (915)	7.87 (200)
DN100 PN40 weld neck flange; DIN 2635 type N grooved face	394	36.45 (926)	9.25 (235)
DN80 PN100 weld neck flange; DIN 2637 type E face	395	37.71 (958)	9.05 (230)
DN100 PN100 weld neck flange; DIN 2637 type E face	396	38.71 (983)	10.43 (265)
DN80 PN100 weld neck flange; DIN 2637 type N grooved face	397	37.71 (958)	9.05 (230)
DN100 PN100 weld neck flange; DIN 2637 type N grooved face	398	38.71 (983)	10.43 (265)
DN80 PN40 weld neck flange; EN 1092-1 Form B1	371	35.90 (912)	7.87 (200)
DN80 PN40 weld neck flange; EN 1092-1 Form D	326	35.90 (912)	7.87 (200)
DN80 PN100 weld neck flange; EN 1092-1 Form B2	373	37.47 (952)	9.06 (230)
DN80 PN100 weld neck flange; EN 1092-1 Form D	375	37.47 (952)	9.06 (230)
DN100 PN40 weld neck flange; EN 1092-1 Form B1	372	36.45 (926)	9.25 (235)
DN100 PN40 weld neck flange; EN 1092-1 Form D	333	36.45 (926)	9.25 (235)
DN100 PN100 weld neck flange; EN 1092-1 Form B2	374	38.42 (976)	10.43 (265)
DN100 PN100 weld neck flange; EN 1092-1 Form D	359	38.42 (976)	10.43 (265)
JIS 80mm 10K weld neck raised face flange	400	36.51 (927)	7.28 (185)
JIS 100mm 10K weld neck raised face flange	401	36.71 (932)	8.27 (210)
JIS 80mm 20K weld neck raised face flange	402	36.57 (929)	7.87 (200)
JIS 100mm 20K weld neck raised face flange	403	36.71 (932)	8.86 (225)
3-inch sanitary fitting (Tri-Clamp compatible)	361	35.15 (893)	3.58 (91)
3-inch Victaulic® compatible fitting	410	36.83 (935)	3.50 (89)
<b>Model F300H</b>			
3-inch ANSI CL150 lap joint flange	550	36.77 (934)	7.50 (191)
3-inch ANSI CL300 lap joint flange	551	37.53 (953)	8.25 (210)
3-inch ANSI CL600 lap joint flange	539	37.53 (953)	8.25 (210)
JIS 80mm 10K lap joint flange	552	36.47 (926)	7.28 (185)
DN80 PN40 lap joint flange; EN 1092-1 Form B1	554	35.97 (914)	7.87 (200)

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# Ordering information

Model	Product description
<b>Standard sensor models</b>	
F025S	F-Series sensor; 1/4-inch (6 mm); 316L stainless steel
F025H	F-Series sensor; 1/4-inch (6 mm); alloy C-22
F050S	F-Series sensor; 1/2-inch (12 mm); 316L stainless steel
F050H	F-Series sensor; 1/2-inch (12 mm); alloy C-22
F100S	F-Series sensor; 1-inch (25 mm); 316L stainless steel
F100H	F-Series sensor; 1-inch (25 mm); alloy C-22
F200S	F-Series sensor; 2-inch (50 mm); 316L stainless steel
F200H	F-Series sensor; 2-inch (50 mm); alloy C-22
F300S	F-Series sensor; 3-inch (75 mm); 316L stainless steel
F300H	F-Series sensor; 3-inch (75 mm); alloy C-22
<b>High-pressure sensor models</b>	
F025P	F-Series sensor; 1/4-inch (6 mm); 316L stainless steel; 2300 psi (158 bar) tube rating
F050P	F-Series sensor; 1/2-inch (12 mm); 316L stainless steel; 5000 psi (345 bar) tube rating
<b>High-temperature sensor models</b>	
F025A	F-Series sensor; 1/4-inch (6 mm); high temperature; 316L stainless steel
F025B	F-Series sensor; 1/4-inch (6 mm); high temperature; alloy C-22
F050A	F-Series sensor; 1/2-inch (12 mm); high temperature; 316L stainless steel
F050B	F-Series sensor; 1/2-inch (12 mm); high temperature; alloy C-22
F100A	F-Series sensor; 1-inch (25 mm); high temperature; 316L stainless steel
F100B	F-Series sensor; 1-inch (25 mm); high temperature; alloy C-22
<b>Process connection</b>	
###	See fitting options on pages 23–28
<b>Case options</b>	
C	Compact case
B <sup>(1)</sup>	Secondary containment with test report
P <sup>(1)</sup>	Secondary containment with test report and purge fittings (1/2-inch NPT female)
H <sup>(1)(2)</sup>	Hygienic compact case
Continued on next page	

(1) Not available with Model F050P or with high-temperature sensors.

(2) Not available with high-temperature sensors or alloy C-22 sensors.

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## Ordering information *continued*

Code	Electronics interface
<b>All models except high-temperature models</b>	
0	Model 2400S transmitter
1	Extended mount Model 2400S transmitter
2	4-wire polyurethane-painted aluminum integral enhanced core processor for remote mount transmitters
3	4-wire stainless steel integral enhanced core processor for remote mount transmitters
4	4-wire polyurethane-painted aluminum integral extended mount enhanced core processor for remote mount transmitters
5	4-wire extended mount stainless steel integral enhanced core processor for remote mount transmitters
Q	4-wire polyurethane-painted aluminum integral core processor for remotely mounted transmitter with MVD technology
A	4-wire stainless steel integral core processor for remotely mounted transmitter with MVD technology
V	4-wire polyurethane-painted aluminum integral core processor with extended mount for remotely mounted transmitter with MVD technology
B	4-wire stainless steel integral core processor with extended mount for remotely mounted transmitter with MVD technology
C	Integrally mounted Model 1700 or 2700 transmitter
J <sup>(1)</sup>	Integrally mounted Model 2200S transmitter
U <sup>(1)</sup>	Extended Model 2200S transmitter
R	9-wire polyurethane-painted aluminum junction box
H	9-wire polyurethane-painted aluminum junction box with extended mount
S	9-wire stainless steel junction box
T	9-wire stainless steel junction box with extended mount
<b>High-temperature models</b>	
0	Model 2400S transmitter
2	4-wire polyurethane-painted aluminum integral enhanced core processor for remote mount transmitters
3	4-wire stainless steel integral enhanced core processor for remote mount transmitters
Q	4-wire polyurethane-painted aluminum integral core processor for remotely mounted transmitter with MVD technology
A	4-wire stainless steel integral core processor for remotely mounted transmitter with MVD technology
C	Integrally mounted Model 1700 or 2700 transmitter
R <sup>(2)</sup>	9-wire polyurethane-painted aluminum junction box
S <sup>(2)</sup>	9-wire stainless steel junction box
Code	Conduit connections
<b>Electronics interface codes 2, 3, 4, 5, Q, A, V, and B</b>	
B	1/2-inch NPT — no gland
E	M20 — no gland
F	Brass/nickel cable gland (cable diameter 0.335 to 0.394 inches [8.5 to 10 mm])
G	Stainless steel cable gland (cable diameter 0.335 to 0.394 inches [8.5 to 10 mm])
<b>Electronics interface code 0, 1, C, J, and U</b>	
A	No gland
<b>Electronics interface codes R, H, S, and T</b>	
A	3/4-inch NPT — no gland
H	Brass/nickel cable gland
J	Stainless steel cable gland
Continued on next page	

(1) Only available with calibration option Z. Not available with high-temperature sensors.

(2) Only for connection to a transmitter with MVD technology.

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## Ordering information *continued*

Code	Approvals
<b>For electronics interface codes 0 and 1</b>	
M	Micro Motion Standard (no approval)
N	Micro Motion Standard / PED compliant
2	CSA C-US (U.S.A. and Canada) Class I, Div. 2
V	ATEX — Equipment Category 3 (Zone 2) / PED compliant
3	IECEX Zone 2
<b>Electronics Interface codes 2, 3, 4, 5, Q, A, V, B, and S</b>	
M	Micro Motion standard (no approval)
N	Micro Motion standard / PED compliant (no approval)
C <sup>(1)</sup>	CSA (Canada only)
A	CSA C-US (U.S.A. and Canada)
Z	ATEX — Equipment Category 2 (Zone 1) / PED compliant
I	IECEX Zone 1
P <sup>(2)</sup>	NEPSI
<b>Electronics interface code C, J, and U</b>	
M	Micro Motion standard (no approval)
N	Micro Motion standard / PED compliant (no approval)
C	CSA (Canada only)
A	CSA C-US (U.S.A. and Canada)
Z	ATEX — Equipment Category 2 (Zone 1) / PED compliant
I	IECEX Zone 1
P <sup>(2)(3)</sup>	NEPSI
2 <sup>(3)</sup>	CSA Class I, Div. 2 (U.S.A. and Canada)
V	ATEX — Equipment Category 3 (Zone 2) / PED compliant
3	IECEX Zone 2
<b>Electronics interface codes R and H</b>	
M	Micro Motion standard (no approval)
N	Micro Motion standard / PED compliant (no approval)
C	CSA (Canada only)
A	CSA C-US (U.S.A. and Canada)
U	UL
Z	ATEX — Equipment Category 2 (Zone 1) / PED compliant
I	IECEX Zone 1
P <sup>(2)</sup>	NEPSI
<b>Electronics interface code T</b>	
M	Micro Motion standard (no approval)
N	Micro Motion standard / PED compliant (no approval)
C	CSA (Canada only)
A	CSA C-US (U.S.A. and Canada)

Continued on next page

- (1) Not available with electronics interface options 2, 3, 4, or 5.  
 (2) Available only with language option M (Chinese).  
 (3) Not available with electronics interface option code J or U (Model 2200S transmitter).

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## Ordering information *continued*

Code	Language
A	Danish CE requirements and English installation manual
C	Czech installation manual
D	Dutch CE requirements and English installation manual
E	English installation manual
F	French installation manual
G	German installation manual
H	Finnish CE requirements and English installation manual
I	Italian installation manual
J	Japanese installation manual
M	Chinese installation manual
N	Norwegian CE requirements and English installation manual
O	Polish installation manual
P	Portuguese installation manual
S	Spanish installation manual
W	Swedish CE requirements and English installation manual
B	Hungarian CE requirements and English installation manual
K	Slovak CE requirements and English installation manual
T	Estonian CE requirements and English installation manual
U	Greek CE requirements and English installation manual
L	Latvian CE requirements and English installation manual
V	Lithuanian CE requirements and English installation manual
Y	Slovenian CE requirements and English installation manual
Code	Future option 1
Z	Reserved for future use
Code	Calibration options
Z	0.20% mass flow and 0.002 g/cm <sup>3</sup> (2.0 kg/m <sup>3</sup> ) density calibration
A <sup>(1)</sup>	0.15% mass flow and 0.002 g/cm <sup>3</sup> (2.0 kg/m <sup>3</sup> ) density calibration
1 <sup>(1)</sup>	0.10% mass flow and 0.001 g/cm <sup>3</sup> (1.0 kg/m <sup>3</sup> ) density calibration
Code	Measurement application software
Z	No measurement application software
Code	Factory options
Z	Standard product
X	ETO product
Typical model number: F050S 113 C Q E Z E Z A Z Z	

(1) Not available with electronics interface option code J or U (Model 2200S transmitter).

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# Micro Motion—The undisputed leader in flow and density measurement



World-leading Micro Motion measurement solutions from Emerson Process Management deliver what you need most:

## Technology leadership

Micro Motion introduced the first reliable Coriolis meter in 1977. Since that time, our ongoing product development has enabled us to provide the highest performing measurement devices available.

## Product breadth

From compact, drainable process control to high flow rate fiscal transfer—look no further than Micro Motion for the widest range of measurement solutions.

## Unparalleled value

Benefit from expert phone, field, and application service and support made possible by more than 600,000 meters installed worldwide and over 30 years of flow and density measurement experience.

 [www.micromotion.com](http://www.micromotion.com)

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Korea T: (82) 2 3438 4600  
Singapore T: (65) 6 777 8211

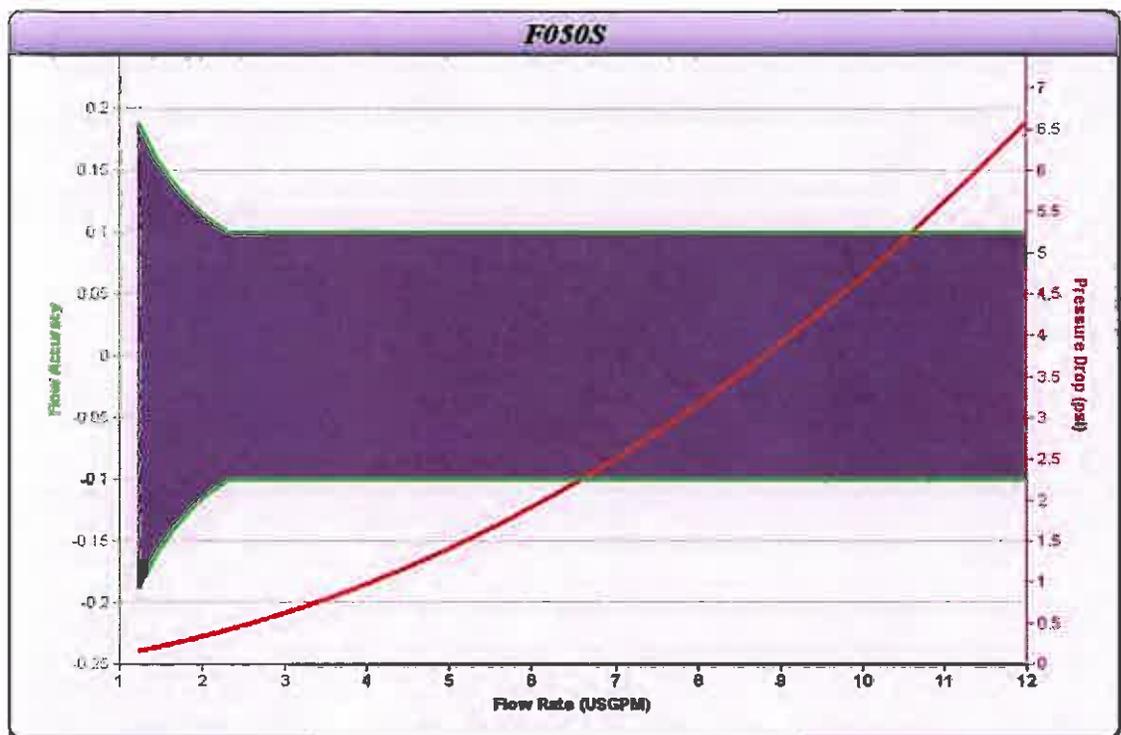
For a complete list of contact information and web sites, please visit: [www.emersonprocess.com/home/contacts/global](http://www.emersonprocess.com/home/contacts/global)



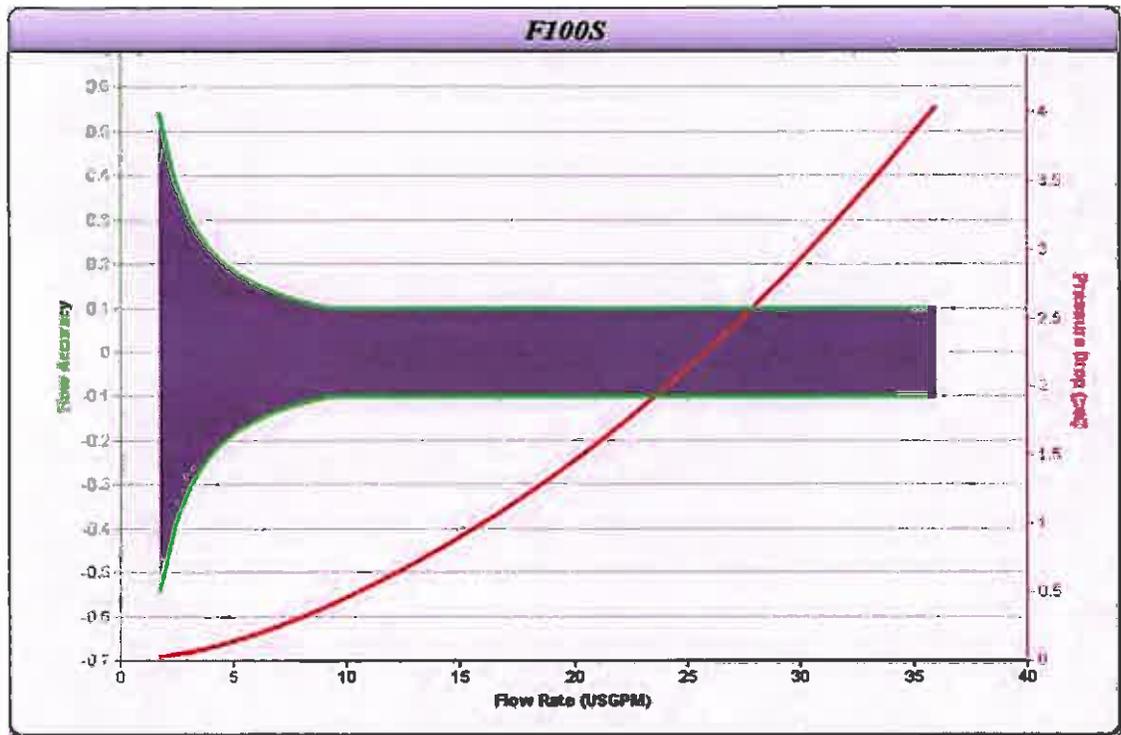
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## Micro Motion Calculation Summary

Date:		10/21/10			
Company:					
Project Name:		449-MH-101011-0204120			
Service:		Liquid			
Sensor Model #:		F050S239C6BAEZ1ZZ			
Sensor Tag(s):					
Transmitter Model #:					
Transmitter Tag(s):					
Wetted Material:		316L stainless steel			
Fluid:		Condensate & Water			
Fluid State:		Liquid			
Mass Flow Accuracy at Operating Flow (+/- % of Rate):		0.10000			
Density Accuracy at all Rates (+/-):		0.00100 g/cm3			
Pressure Drop at Operating Flow:		1.91215 psi			
Sensor Minimum Pressure at operating conditions:		psi			
Velocity at Operating Flow:		10.29810 ft/sec			
		Min	Operating*	Max	Design
Flow Rate:		1.000		12.000	
Pressure:			250.000		
Process Fluid Temperature:			45.000		
Ambient Temperature:			60.000		
Density:			1.039		
Viscosity:			1.000		
					Units
					USGPM
					psi
					F
					F
					g/cm3
					cP
Gas only	Base Reference Temperature:	F			Density:
	Base Reference Pressure:	psia			
	Base Reference Density:	lb/ft3			
Process Connection:		3/4-inch NPT female Swagelok size 12 VCO fitting			
Process Connection Pressure Rating:		psi			
@ Temperature:		45.000 F			
Flow Rate	USGPM	Mass Flow Accuracy +/- % of Rate	Pressure Drop* psi	Velocity* ft/sec	Re
12.000		0.100	6.583	20.592	57157.023
10.900		0.100	5.515	18.705	51917.629
9.800		0.100	4.544	16.817	46678.235
8.700		0.100	3.667	14.929	41438.842
7.600		0.100	2.884	13.042	36199.448
6.000		0.100	1.912	10.296	28578.511
5.400		0.100	1.599	9.266	25720.660
4.300		0.100	1.096	7.379	20481.267
3.200		0.100	0.684	5.491	15241.873
2.100		0.110	0.358	3.604	10002.479
1.000		0.231	0.113	1.716	4763.085
*All pressure drop and velocity results are based on the process conditions (except flow rate) that are entered in the Operating column.					
Notes:					
Prepared by:		Project ID:	449-MH-101011-0204120 - 318667		
Instrument Toolkit	Version: 3.0 (Build163D)	Application:	Condensate & Water - 1		

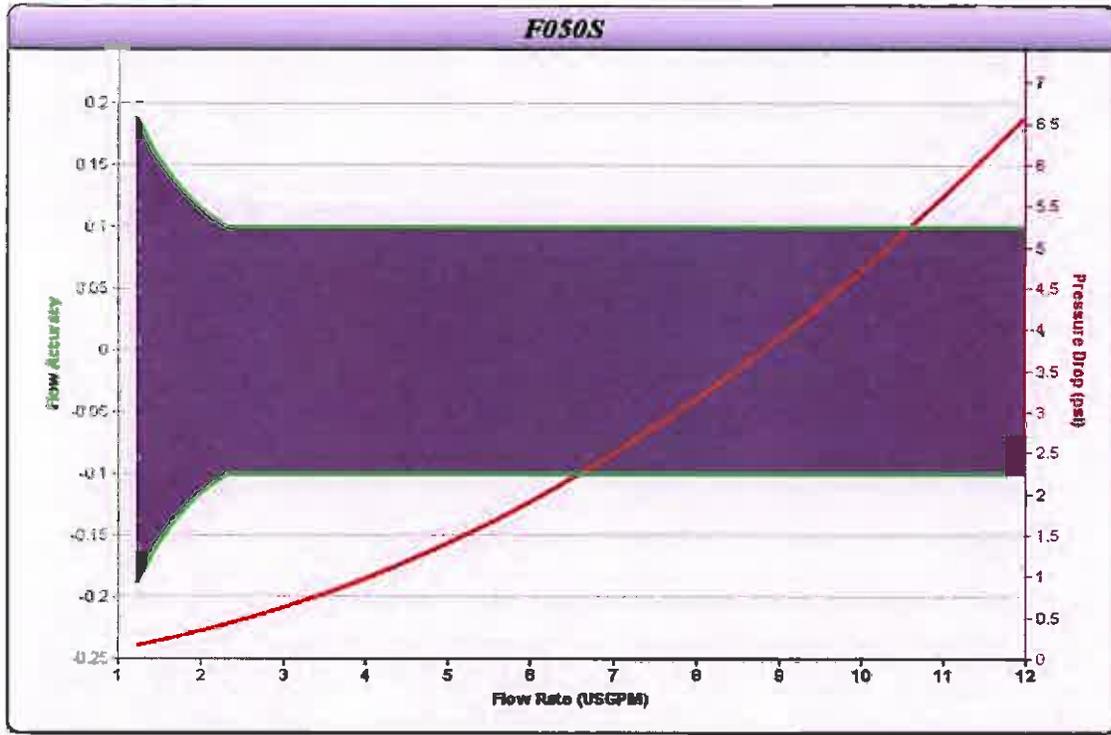


Micro Motion Calculation Summary					
Date:	10/21/10				
Company:					
Project Name:	449-MH-101011-0204120				
Service:	Liquid				
Sensor Model #:	F100S990C6BAEZ1ZX				
Sensor Tag(s):					
Transmitter Model #:					
Transmitter Tag(s):					
Wetted Material:	316L stainless steel				
Fluid:	Condensate & Water				
Fluid State:	Liquid				
Mass Flow Accuracy at Operating Flow (+/- % of Rate):	0.10000				
Density Accuracy at all Rates (+/- %):	0.06240 lb/ft <sup>3</sup>				
Pressure Drop at Operating Flow:	1.22158 psi				
Sensor Minimum Pressure at operating conditions:	psi				
Velocity at Operating Flow:	8.81885 ft/sec				
	Min	Operating*	Max	Design	Units
Flow Rate:	1.000	18.000	36.000		USGPM
Pressure:		250.000			psig
Process Fluid Temperature:		45.000			F
Ambient Temperature:		60.000			F
Density:		64.799			lb/ft <sup>3</sup>
Viscosity:		1.000			cP
Gas only	Base Reference Temperature:	F		Spec. Gravity:	1.039
	Base Reference Pressure:	psia			
	Base Reference Density:	lb/ft <sup>3</sup>			
Process Connection:	ETO flange process connection				
Process Connection Pressure Rating:	psi				
@ Temperature:	45.000 F				
Flow Rate USGPM	Mass Flow Accuracy +/- % of Rate	Pressure Drop* psi	Velocity* ft/sec	Re	
36.000	0.100	4.044	17.638	91513.885	
32.500	0.100	3.367	15.923	82616.702	
29.000	0.100	2.755	14.208	73719.519	
25.500	0.100	2.204	12.493	64822.335	
22.000	0.100	1.713	10.779	55925.152	
18.000	0.100	1.222	8.819	45756.943	
15.000	0.100	0.901	7.349	38130.786	
11.500	0.100	0.578	5.634	29233.602	
8.000	0.115	0.312	3.919	20336.419	
4.500	0.205	0.114	2.205	11439.236	
1.000	0.824	0.068	0.490	2542.052	
*All pressure drop and velocity results are based on the process conditions (except flow rate) that are entered in the Operating column.					
Notes:					
Prepared by:		Project ID:	449-MH-101011-0204120: 318087		
Instrument Toolkit	Version: 3.0 (Build163D)	Application:	Condensate & Water - 2		



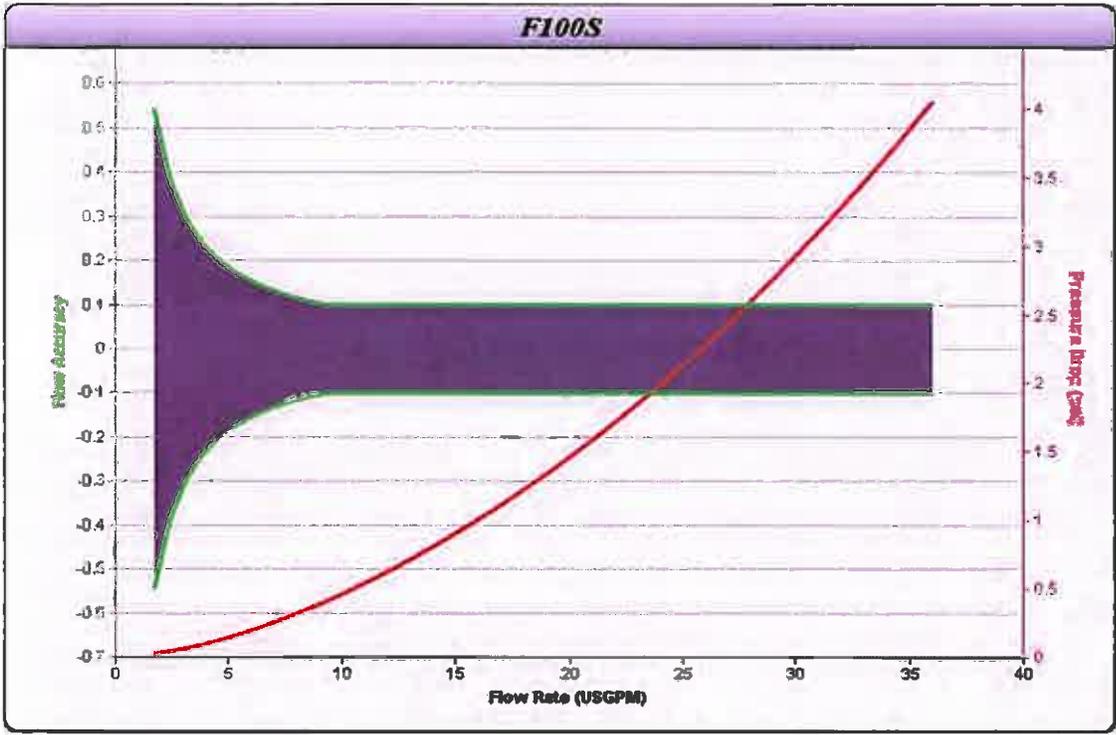
Micro Motion Calculation Summary					
Date:	10/21/10				
Company:					
Project Name:	449-MH-101011-0204120				
Service:	Liquid				
Sensor Model #:	F050S239C6BAEZ1Z7				
Sensor Tag(s):					
Transmitter Model #:					
Transmitter Tag(s):					
Wetted Material:	316L stainless steel				
Fluid:	Condensate & Water				
Fluid State:	Liquid				
Mass Flow Accuracy at Operating Flow (+/- % of Rate):	0.10000				
Density Accuracy at all Rates (+/- %):	0.00100 g/cm3				
Pressure Drop at Operating Flow:	1.91215 psi				
Sensor Minimum Pressure at operating conditions:	psi				
Velocity at Operating Flow:	10.29610 ft/sec				
	Min	Operating*	Max	Design	Units
Flow Rate:	1.000	6.000	12.000		USGPM
Pressure:		65.000			psig
Process Fluid Temperature:		45.000			F
Ambient Temperature:		60.000			F
Density:		1.039			g/cm3
Viscosity:		1.000			cP
Gas only	Base Reference Temperature:	F			Density:
	Base Reference Pressure:	psia			
	Base Reference Density:	lb/ft3			
Process Connection:	3/4-inch NPT female Swagelok size 12 VCO fitting				
Process Connection Pressure Rating:	psig				
@ Temperature:	45.000 F				
Flow Rate	USGPM	Mass Flow Accuracy +/- % of Rate	Pressure Drop* psi	Velocity* ft/sec	Re
12.000		0.100	6.583	20.592	57157.023
10.900		0.100	5.516	18.705	51917.629
9.800		0.100	4.544	16.817	46676.235
8.700		0.100	3.667	14.929	41438.842
7.600		0.100	2.884	13.042	36199.448
6.000		0.100	1.912	10.296	28578.511
5.400		0.100	1.599	9.266	25720.660
4.300		0.100	1.096	7.379	20481.267
3.200		0.100	0.684	5.491	15241.873
2.100		0.110	0.358	3.604	10002.479
1.000		0.231	0.113	1.716	4763.085
*All pressure drop and velocity results are based on the process conditions (except flow rate) that are entered in the Operating column.					
Notes:					
Prepared by:			Project ID:	449-MH-101011-0204120 - 318687	
Instrument Toolkit	Version: 3.0 (Build163D)		Application:	Condensate & Water - 1"2	

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## Micro Motion Calculation Summary

Date:		10/21/10			
Company:					
Project Name:		449-MH-101011-0204120			
Service:		Liquid			
Sensor Model #:		F100S999C6BAEZ1ZX			
Sensor Tag(s):					
Transmitter Model #:					
Transmitter Tag(s):					
Wetted Material:		316L stainless steel			
Fluid:		Condensate & Water			
Fluid State:		Liquid			
Mass Flow Accuracy at Operating Flow (+/- % of Rate):		0.10000			
Density Accuracy at all Rates (+/-):		0.00100 g/cm3			
Pressure Drop at Operating Flow:		1.22255 psi			
Sensor Minimum Pressure at operating conditions:		psig			
Velocity at Operating Flow:		8.81885 ft/sec			
		Min	Operating*	Max	Design
Flow Rate:		1.000	18.000	36.000	USGPM
Pressure:			85.000		psig
Process Fluid Temperature:			45.000		F
Ambient Temperature:			60.000		F
Density:			1.039		g/cm3
Viscosity:			1.000		cP
Gas only	Base Reference Temperature:	F			Density:
	Base Reference Pressure:	psia			
	Base Reference Density:	lb/ft3			
Process Connection:		ETO flange process connection			
Process Connection Pressure Rating:		psig			
@ Temperature:		45.000 F			
Flow Rate	USGPM	Mass Flow Accuracy +/- % of Rate	Pressure Drop* psi	Velocity* ft/sec	Re
36.000		0.100	4.048	17.638	91622.011
32.500		0.100	3.379	15.923	82714.315
29.000		0.100	2.757	14.208	73806.620
25.500		0.100	2.206	12.493	64898.924
22.000		0.100	1.714	10.779	55991.229
18.000		0.100	1.223	8.819	45811.005
15.000		0.100	0.902	7.349	38175.838
11.500		0.100	0.578	5.634	29268.142
8.000		0.115	0.312	3.919	20360.447
4.500		0.205	0.114	2.205	11452.751
1.000		0.822	0.088	0.480	2545.056
*All pressure drop and velocity results are based on the process conditions (except flow rate) that are entered in the Operating column.					
Notes:					
Prepared by:	Instrument Toolkit		Version: 3.0 (Build153D)	Project ID:	449-MH-101011-0204120 - 318687
			Application:	Condensate & Water - 2"2	



# Micro Motion, Inc.

## Mass Flowmeter Calibration Certificate

### 14122040

Product Code: F100S128CQFAEZ1ZZ    Serial ID: 14122040    Order ID: 20000296    Line: 1    Item: 1    Customer Tag: TEST 1

PUCK700    08980279

### Process

Process ID: 1.24304454

Process Time: 2008.12.29 22:43:45

Process Stand: TSM1C@SSCB

Stand Uncertainty: +/- 0.03%

Fluid: H2O

100% Rate: 272.2 KG/MIN

Pickoff: 1

100% P/T: 75.74 PSIG/22 C

### Results

Status: PASS

D1: 0

D2: 1

K1: 3600.995

K2: 4257.185

DT: 4.4

FD: 0

DTG: 0

DFQ1: 0

DFQ2: 0

FlowCal: 275.354.67

FFQ: 0

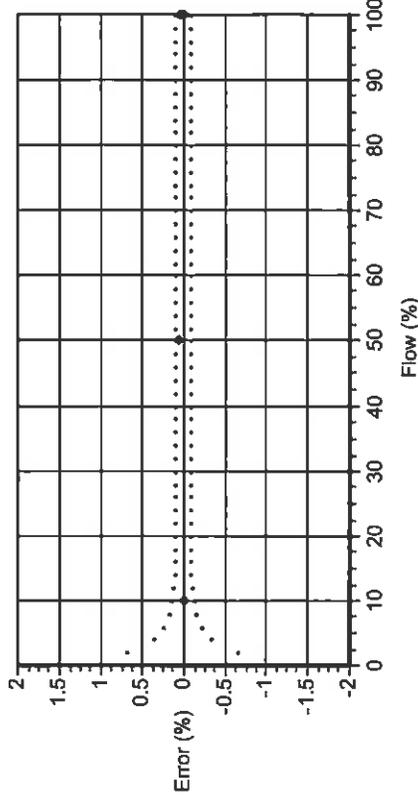
FTG: 0

DensCal: 03601042574.40

FCF: 275.35

FT: 4.67

### Detail



Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	272.2	205.1456	205.1184	0.013	0.100
10.0	27.22	20.88298	20.88375	-0.004	0.133
50.0	136.1	102.2444	102.1744	0.069	0.100
100.0	272.2	205.1728	205.0724	0.049	0.100

S. ALMIZOORI  
Technician

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT			
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16			
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43007314740000			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> PETERS POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/26/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION   <b>OTHER:</b> <input style="width: 100px;" type="text" value="coriolis meter move"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  <b>OTHER:</b> <input style="width: 100px;" type="text" value="coriolis meter move"/>
<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  <b>OTHER:</b> <input style="width: 100px;" type="text" value="coriolis meter move"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> This sundry is being submitted as notice that the previously approved Coriolis Meter installed on this well in January 2011 has been removed and is to be moved to Peter's Point Unit Federal 11-31D-12-17; a location with liquids production. A sundry will be submitted detailing the move to this new location. Please contact Daniel Seaver at 303-299-9932 with any questions in regard to the move of this meter.					
<b>NAME (PLEASE PRINT)</b> Brady Riley		<b>PHONE NUMBER</b> 303 312-8115			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Analyst			
<b>DATE</b> 4/21/2011		<b>FOR RECORD ONLY</b>			

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314740000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8164 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETERS POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>2/27/2012</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="lower tubing"/>

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

BBC is proposing to lower the tubing on this well to enhance production. Tubing is currently set at 5631'. Please contact Brian Hilgers with questions at 303.312.8183.

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

**Date:** February 16, 2012

**By:** David K. Quist

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/13/2012	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-0681
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>8. WELL NAME and NUMBER:</b> PPU FED 10-35D-12-16
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>9. API NUMBER:</b> 43007314740000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1331 FSL 0994 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 16.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> PETERS POINT
		<b>COUNTY:</b> CARBON
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/22/2012	<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="lowered tubing"/>

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

Attached to this sundry are the procedures that took place to lower the tubing on this well 3/20-22/2011. Please contact Brady Riley at 303-312-8115 with questions.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
March 26, 2012**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/22/2012	





Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 1/1/2014

<b>FROM:</b> (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202  Phone: 1 (303) 312-8134	<b>TO:</b> ( New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002  Phone: 1 (713) 659-3500
--	---

WELL NAME	CA No.	SEC	TWN	RNG	API NO	Entity NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List									

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/7/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/7/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/28/2014
- a. Is the new operator registered in the State of Utah:            Business Number: 8850806-0161
- 5a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- 5b. Inspections of LA PA state/fee well sites complete on: Yes
- 5c. Reports current for Production/Disposition & Sundries on: 1/24/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Yes

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 1/28/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/28/2014
- Bond information entered in RBDMS on: 1/28/2014
- Fee/State wells attached to bond in RBDMS on: 1/28/2014
- Injection Projects to new operator in RBDMS on: 1/28/2014
- Receipt of Acceptance of Drilling Procedures for APD/New on: 1/7/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 1/7/2014

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB7886
- Indian well(s) covered by Bond Number: RLB7886
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B008371
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014

**COMMENTS:**

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Peter Point Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	Federal	GW	APD
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	Federal	GW	APD
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178		Federal	Federal	GW	APD
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182		Federal	Federal	GW	APD
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal	Federal	GW	APD
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225	Federal	Federal	GW	OPS
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 9-6D-13-17	6	130S	170E	4300750120	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 14-6D-13-17	6	130S	170E	4300750121	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 15-6D-13-17	6	130S	170E	4300750122	2470	Federal	Federal	GW	OPS
PETERS POINT UF 2-7D-13-17	6	130S	170E	4300750149	2470	Federal	Federal	GW	OPS
PETERS POINT UF 1-7D-13-17	6	130S	170E	4300750150	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470	Federal	Federal	GW	P
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470	Federal	Federal	GW	P
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470	Federal	Federal	GW	P
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470	Federal	Federal	GW	P
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470	Federal	Federal	GW	P
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-7D-13-17	6	130S	170E	4300730859	14692	Federal	Federal	GW	P
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-6-13-17	6	130S	170E	4300730982	2470	Federal	Federal	GW	P
PETERS POINT U FED 16-6D-13-17	6	130S	170E	4300731004	2470	Federal	Federal	GW	P
PETERS POINT U FED 16-31D-12-17	6	130S	170E	4300731005	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470	Federal	Federal	GW	P
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470	Federal	Federal	GW	P
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470	Federal	Federal	GW	P
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470	Federal	Federal	GW	P
PETERS POINT U FED 4-12D-13-16	2	130S	160E	4300731049	14692	Federal	State	GW	P
PETERS POINT U FED 2-12D-13-16	6	130S	170E	4300731158	14692	Federal	Federal	GW	P
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470	Federal	Federal	GW	P
PPU FED 15-6D-13-17	6	130S	170E	4300731261	16103	Federal	Federal	GW	P
PP UF 3-36-12-16	36	120S	160E	4300731271	2470	Federal	Federal	GW	P
PP UF 6-36-12-16	36	120S	160E	4300731272	2470	Federal	Federal	GW	P
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470	Federal	Federal	GW	P
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470	Federal	Federal	GW	P
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470	Federal	Federal	GW	P
PPU FED 7-1D-13-16 ULTRA DEEP	6	130S	170E	4300731293	14692	Federal	Federal	GW	P
PPU FED 16-27-12-16	27	120S	160E	4300731318	2470	Federal	Federal	GW	P
PPU FED 10-27D-12-16	27	120S	160E	4300731319	2470	Federal	Federal	GW	P
PPU FED 2-34D-12-16	34	120S	160E	4300731320	2470	Federal	Federal	GW	P
PPU FED 2-7D-13-17 DEEP	6	130S	170E	4300731326	14692	Federal	Federal	GW	P
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470	Federal	Federal	GW	P
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470	Federal	Federal	GW	P
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470	Federal	Federal	GW	P
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470	Federal	Federal	GW	P
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470	Federal	Federal	GW	P
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470	Federal	Federal	GW	P
PPU FED 13-25D-12-16	36	120S	160E	4300731352	2470	Federal	Federal	GW	P
PPU FED 4-36D-12-16	36	120S	160E	4300731353	2470	Federal	Federal	GW	P
PPU FED 1-35D-12-16	35	120S	160E	4300731365	2470	Federal	Federal	GW	P
PPU FED 13-26D-12-16	26	120S	160E	4300731403	2470	Federal	Federal	GW	P
PPU FED 15-26D-12-16	26	120S	160E	4300731404	2470	Federal	Federal	GW	P
PPU FED 3-35D-12-16	26	120S	160E	4300731405	2470	Federal	Federal	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Peter Point Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 10-26D-12-16	26	120S	160E	4300731406	2470	Federal	Federal	GW	P
PPU FED 11-26D-12-16	26	120S	160E	4300731407	2470	Federal	Federal	GW	P
PPU FED 12-26D-12-16	26	120S	160E	4300731408	2470	Federal	Federal	GW	P
PPU FED 11-27D-12-16	27	120S	160E	4300731409	2470	Federal	Federal	GW	P
PPU FED 15-27D-12-16	27	120S	160E	4300731410	2470	Federal	Federal	GW	P
PPU FED 9-27D-12-16	27	120S	160E	4300731411	2470	Federal	Federal	GW	P
PPU FED 1-34D-12-16	34	120S	160E	4300731427	2470	Federal	Federal	GW	P
PPU FED 7-34D-12-16	34	120S	160E	4300731428	2470	Federal	Federal	GW	P
PPU FED 5-35D-12-16	34	120S	160E	4300731429	2470	Federal	Federal	GW	P
PPU FED 3-34D-12-16	34	120S	160E	4300731466	2470	Federal	Federal	GW	P
PPU FED 5-34D-12-16	34	120S	160E	4300731467	2470	Federal	Federal	GW	P
PPU FED 4-34D-12-16	34	120S	160E	4300731468	2470	Federal	Federal	GW	P
PPU FED 10-35D-12-16	35	120S	160E	4300731474	2470	Federal	Federal	GW	P
PPU FED 9-35D-12-16	35	120S	160E	4300731476	2470	Federal	Federal	GW	P
PETERS POINT U FED 9-26D-12-16	25	120S	160E	4300750021	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-25D-12-16	25	120S	160E	4300750022	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-31D-12-17	31	120S	170E	4300750023	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-31D-12-17	31	120S	170E	4300750024	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-31D-12-17	31	120S	170E	4300750025	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-31D-12-17	31	120S	170E	4300750026	2470	Federal	Federal	GW	P
PETERS POINT U FED 14-31D-12-17	31	120S	170E	4300750027	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-31D-12-17	31	120S	170E	4300750028	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-25D-12-16	25	120S	160E	4300750029	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-6D-13-17	31	120S	170E	4300750033	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470	Federal	Federal	GW	P
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470	Federal	Federal	GW	P
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470	Federal	Federal	GW	P
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470	Federal	Federal	GW	P
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470	Federal	Federal	GW	P
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-6D-13-17	6	130S	170E	4300750119	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-31D-12-17	6	130S	170E	4300750123	2470	Federal	Federal	GW	P
PETERS POINT UF 12-5D-13-17	6	130S	170E	4300750151	2470	Federal	Federal	GW	P
PETERS POINT UF 13-5D-13-17	6	130S	170E	4300750152	2470	Federal	Federal	GW	P
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347	Federal	Federal	GW	P
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350	Federal	Federal	GW	P
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346	Federal	Federal	GW	P
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348	Federal	Federal	GW	P
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470	Federal	Federal	GW	P
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349	Federal	Federal	GW	P
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470	Federal	Federal	GW	P
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470	Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470	Federal	Federal	GW	P
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470	Federal	Federal	GW	P
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470	Federal	Federal	GW	S
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470	Federal	Federal	GW	S

COPY

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:  
(see attached well list)

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
(see attached well list)

2. NAME OF OPERATOR:  
ENERVEST OPERATING, LLC

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002

PHONE NUMBER:  
(713) 659-3500

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: (see attached well list)

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

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>1/1/2014</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 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.

ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BARRETT CORPORATION EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

EnerVest Operating, L.L.C.  
1001 Fannin, Suite 800  
Houston, Texas 77002  
713-659-3500

(BLM BOND # RLB 7886, STATE/FEE BOND # B008371)

BILL BARRETT CORPORATION

Duane Zavadil NAME (PLEASE PRINT)

Duane Zavadil SIGNATURE

Senior Vice President -  
EH&S, Government and Regulatory Affairs

N2115

ENERVEST OPERATING, LLC

RONNIE L YOUNG NAME (PLEASE PRINT)

Ronnie L Young SIGNATURE  
DIRECTOR - REGULATORY

N4040

NAME (PLEASE PRINT) RONNIE YOUNG

SIGNATURE Ronnie L Young

TITLE DIRECTOR - REGULATORY

DATE 12/10/2013

(This space for State use only)

APPROVED

JAN 28 2014 4:00 PM

DIV. OIL GAS & MINING

Rachael Medina

(See Instructions on Reverse Side)

RECEIVED

JAN 07 2014

DIV. OF OIL, GAS & MINING

UDOGM CHANGE OF OPERATOR WELL LIST

Well Name	Sec	TWN	RNG	API Number	Entity	Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E	4300730460	15167	State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166	State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467	Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E	4300750095		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E	4300750096		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E	4300750126		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E	4300750127		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182		Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188		Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E	4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E	4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E	4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E	4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E	4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E	4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E	4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E	4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E	4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E	4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E	4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E	4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E	4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E	4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E	4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E	4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E	4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E	4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E	4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E	4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E	4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E	4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E	4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E	4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E	4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E	4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E	4300750273	Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E	4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E	4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E	4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E	4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E	4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E	4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E	4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E	4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E	4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E	4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E	4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E	4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E	4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E	4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E	4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322	Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E	4300750325		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E	4300750329		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E	4300750331		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E	4300750332		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E	4300750333		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E	4300750334		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E	4300750335		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E	4300750336		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E	4300750338		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E	4300750339		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E	4300750340		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E	4300750341		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E	4300750342		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E	4300750343		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E	4300750344		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E	4300750345		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E	4300750346		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349		Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350		Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351		Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225	Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E	4300750120	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E	4300750121	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E	4300750122	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E	4300750149	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E	4300750150	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E	4300750192	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E	4300750193	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E	4300750194	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E	4300750196	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E	4300750197	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E	4300750198	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E	4300750199	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E	4300750200	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E	4300750201	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E	4300750203	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E	4300750204	14794	Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030	Federal	GW	P	

UDOGM CHANGE OF OPERATOR WELL LIST

STONE CABIN UNIT 1	13	120S	140E	4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E	4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E	4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E	4300730775	13158 State	GW	P	
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E	4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E	4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E	4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E	4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E	4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897 Federal	GW	P	
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E	4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E	4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E	4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E	4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E	4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E	4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E	4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E	4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794 Federal	GW	P	PRICKLY PEAR

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PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E	4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E	4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E	4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E	4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E	4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E	4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E	4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E	4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E	4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E	4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E	4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E	4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E	4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E	4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E	4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E	4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E	4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E	4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E	4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E	4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E	4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E	4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E	4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E	4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E	4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E	4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E	4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E	4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E	4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E	4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E	4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E	4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E	4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E	4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E	4300750027	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E	4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E	4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E	4300750033	2470 Federal	GW	P	PETERS POINT

## UDOGM CHANGE OF OPERATOR WELL LIST

PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E	4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E	4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E	4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E	4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E	4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E	4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E	4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E	4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E	4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E	4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E	4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E	4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E	4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E	4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E	4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E	4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E	4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E	4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E	4300731017	14472 State	D	PA	

UDOGM CHANGE OF OPERATOR WELL LIST

PTS 33-36 STATE	36	110S	140E	4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E	4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794 Federal	GW	S	PRICKLY PEAR