

**COPY** 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**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-08107
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. Peters Point / UTU-63014
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202		8. Lease Name and Well No. Peter's Point Unit Federal 5-34D-12-16
3b. Phone No. (include area code) 303-312-8134		9. API Well No. pending 43-007-31467
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENW, 2436' FNL, 1463' FWL At proposed prod. zone SWNW, 2029' FNL, 641' FWL, Sec. 34		10. Field and Pool, or Exploratory Peter's Point/Wasatch-Mesaverde
14. Distance in miles and direction from nearest town or post office* approximately 50 miles from Myton, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 34, T12S-R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 204' SH / 611' BH	16. No. of acres in lease 640	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 / 1320' BH	19. Proposed Depth 7800' MD	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7220' graded ground	22. Approximate date work will start* 07/01/2009	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 10/14/2008
Title Environmental/Regulatory Analyst		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 11-01-08
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*  
575 936x  
439 80554  
39.73 0892  
-110 113893

*BHL*  
575 685X  
439 81784  
39.73 2015  
-110-114814

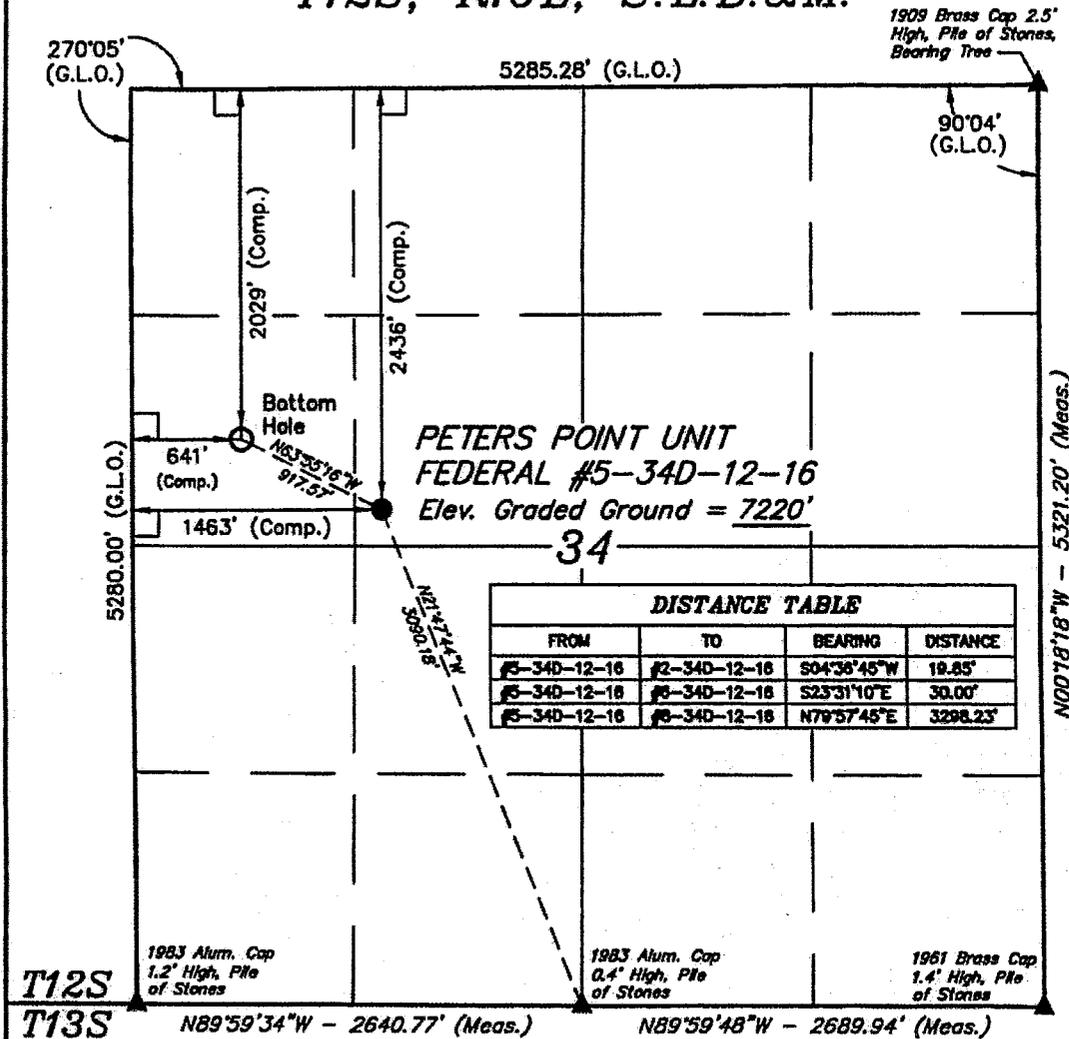
**Federal Approval of this  
Action is Necessary**

**RECEIVED**

**OCT 15 2008**

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

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



PETERS POINT UNIT  
FEDERAL #5-34D-12-16  
Elev. Graded Ground = 7220'

DISTANCE TABLE			
FROM	TO	BEARING	DISTANCE
#5-34D-12-16	#2-34D-12-16	S04°36'45"W	19.85'
#5-34D-12-18	#8-34D-12-16	S23°31'10"E	30.00'
#5-34D-12-18	#8-34D-12-18	N79°57'45"E	3298.23'

**BILL BARRETT CORPORATION**

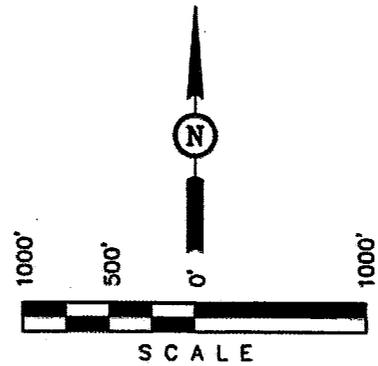
Well location, PETERS POINT UNIT FEDERAL #5-34D-12-16, located as shown in the SE 1/4 NW 1/4 of Section 34, T12S, R16E, S.L.B.&M., Carbon County, Utah.

**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.

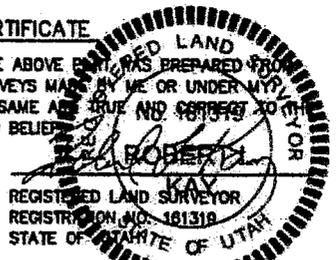
**BASIS OF BEARINGS**

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.



REVISED: 07-15-08

**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°43'55.45" (39.732089)	LONGITUDE = 110°07'02.80" (110.117444)	LATITUDE = 39°43'51.46" (39.730961)	LONGITUDE = 110°06'52.26" (110.114517)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°43'55.58" (39.732103)	LONGITUDE = 110°07'00.25" (110.116736)	LATITUDE = 39°43'51.59" (39.730987)	LONGITUDE = 110°06'49.71" (110.113808)
STATE PLANE NAD 27 N: 512476.87 E: 2389005.48		STATE PLANE NAD 27 N: 512085.77 E: 2389834.85	

SCALE 1" = 1000'	DATE SURVEYED: 03-06-08	DATE DRAWN: 03-25-08
PARTY D.R. A.W. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



October 14, 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 5-34D-12-16  
SHL: 2436' FNL & 1463' FWL SENW 34-T12S-R16E  
BHL: 2029' FNL & 641' FWL SWNW 34-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 and a Participating 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  
Senior Landman

*by TLF*

**RECEIVED**

**OCT 15 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 5-34D-12-15

SENW, 2436' FNL, 1463' FWL, Sec. 34, T12S-R16E (surface hole)

SWNW, 2029' FNL, 641' FWL, Sec. 34, 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	3259'*	3195'*
North Horn	5143'*	5032'*
Dark Canyon	6760'*	6649'*
Price River	6980'*	6869'*
TD	7800'*	7700'*

#### 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
- Drilling spool to accommodate choke and kill lines;	
- 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;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.	

4. Casing Program

<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	7,800'	5 1/2"	17#	N-80	LT&C	New
			4 1/2"	11.6#	I-100	LT&C	New
Note: BBC will use one of two 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  OR	Approximately 1530 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 1850 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</u> <u>(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.

8. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3804 psi\* and maximum anticipated surface pressure equals approximately 2110 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: July 1, 2009  
Spud: July 10, 2009  
Duration: 10 days drilling time  
30 days completion time

## SURFACE USE PLAN

### **BILL BARRETT CORPORATION** **Peter's Point Unit Federal 6-34D-12-16 Pad Wells**

<b><u>Peter's Point Unit Federal 4-34D-12-15</u></b> SENW, 2440' FNL, 1469' FWL, Sec. 34, T12S-R16E (surface hole) NWNW, 708' FNL, 658' FWL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah	<b><u>Peter's Point Unit Federal 3-34D-12-15</u></b> SENW, 2444' FNL, 1476' FWL, Sec. 34, T12S-R16E (surface hole) NENW, 692' FNL, 1980' FWL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah
<b><u>Peter's Point Unit Federal 5-34D-12-15</u></b> SENW, 2436' FNL, 1463' FWL, Sec. 34, T12S-R16E (surface hole) SWNW, 2029' FNL, 641' FWL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah	<b><u>Peter's Point Unit Federal 10-34D-12-15</u></b> SENW, 2452' FNL, 1490' FWL, Sec. 34, T12S-R16E (surface hole) NWSE, 1962' FSL, 1980' FEL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah
<b><u>Peter's Point Unit Federal 11-34D-12-15</u></b> SENW, 2448' FNL, 1483' FWL, Sec. 34, T12S-R16E (surface hole) NESW, 1964' FSL, 1976' FWL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah	

The onsite for this pad occurred on April 11, 2008. This is an existing pad with two directional wells (the 6-34D-12-16 and 2-34D-12-16) and five additional directional wells are planned. Minimal additional disturbance is required for expansion to accommodate the additional wells.

The excavation contractor would 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 50 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 1235 feet in length exists to this pad. Total road disturbance requested for this access is 50-feet.
- c. Surface disturbance and vehicular travel would be limited to the approved existing access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- d. BBC would 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<sup>a</sup> upgrades proposed to the State or County road systems at this time.
- f. All existing roads would be maintained and kept in good repair during all phases of operation.
- g. Vehicle operators would 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	one
vi. producing wells	four
vii. abandoned wells	five

4. Location of Production Facilities:

- a. All facilities for this pad would be located adjacent to each other and would be set up under one of two options. Each well would have its own meter run and separator.
- Option 1: (7) oil tanks (one for each well), (1) blow-down tank, (1) water tank
- Option 2: Because the existing 6-34D, 2-34D and proposed 4-34D, 3-34D and 5-34D wells would fall within the Peter's Point Unit and within a Participating Area, the tanks may be shared as follows: (1) oil tank to be shared by all five wells in the Participating Area, (2) oil tanks (one for 10-34D and one for 11-34D), (1) blow-down tank, (1) test tank, (2) water tanks. For this option, to allocate production among wells sharing an oil tank, a monthly test would be run for each well for a 24-hour period into the test tank. After six months, the testing would move to quarterly.

A facility layout diagram would be provided prior to construction.

- b. In order to allow safe simultaneous drilling and completion operations and to minimize pad size, wellheads and christmas trees may be positioned below location grade in a pre-cast concrete vault measuring approximately 12' wide, 10' deep, and 64' long. Other than when drilling is occurring and when necessary well servicing is being conducted, the vault would be covered with a grate and/or isolated by fencing.
- c. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities would 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 would be adhered to.
- e. Gas meter runs would be constructed and located on lease within 500 feet of the wellheads, within the pad disturbance area. 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 would be modified. All loading lines and valves would be placed inside the berm surrounding the tank battery or would 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.

Bill Barrett Corporation  
Surface Use Plan  
Peter's Point Unit Federal 6-34D-12-16 Pad  
Carbon County, Utah

- g. Any necessary pits would be properly fenced to prevent any wildlife and livestock entry.
- h. All access roads would be maintained as necessary to prevent erosion and accommodate year-round traffic as practicable. The roads would be maintained in a safe, useable condition.
- i. The site would 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 buried gas pipeline, approximately 1560 feet in length, exists to this location.

5. Location and Type of Water Supply:

- a. Bill Barrett Corporation would 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 would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken off-lease.
- c. If any additional gravel is required, it would 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 would be contained and disposed of utilizing approved facilities.
- b. Drill cuttings would be contained and buried on site.
- c. The fluids in the existing reserve pit for the Peter's Point 6-34D pad wells would be disposed of or evaporated prior to the expansion of the pit, which is necessary to accommodate the additional wells. The reserve pit is located outboard of the location along the south side of the pad.
- d. The reserve pit would be constructed so as not to leak, break or allow any discharge.
- e. Due to the expansion, if necessary the reserve pit would be re-lined with a 12 mil minimum thickness polyethylene nylon reinforced liner material. The liner would overlay straw, soil and/or bentonite if rock is encountered during excavation. The pit liner would 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 would be disposed of in the pit. Pit walls would be sloped no greater than 2:1 and the depth of the reserve pit would be approximately 8-feet with a minimum of 2 foot freeboard.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit would be fenced before drilling starts. The fourth side would 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 would be rehabilitated as per the plans for reclamation of surface (10. below).

Bill Barrett Corporation  
Surface Use Plan  
Peter's Point Unit Federal 6-34D-12-16 Pad  
Carbon County, Utah

- 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 would be consumed in the drilling and completion process. No extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
  - h. Trash would 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 would be hauled off periodically to the approved Carbon or Uintah County Landfill.
  - i. Produced fluids from each well other than water would 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 would be cleaned up and removed.
  - j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water would 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, would be disposed of in the same manner as the drilling fluid.
  - l. Sanitary facilities would be on site at all times during operations. Sewage would 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 would be contained in test tanks on the well location. The tanks would be removed from location at a later date.
  - n. 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 would be installed. BBC would flow back as much fluid and gas as possible into vessels, separating the fluid from the gas. The fluid would then be either returned to the reserve pit or placed into a tank. Gas would be then directed into the flare pit or the flare stack with a constant source of ignition. Natural gas would be directed to the pipeline as soon as pipeline gas quality standards are met.
  - o. Hydrocarbons would be removed from the reserve pit as soon as practical. In the event immediate removal is not practical, the reserve pit would 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 would 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.

Bill Barrett Corporation  
Surface Use Plan  
Peter's Point Unit Federal 6-34D-12-16 Pad  
Carbon County, Utah

- d. Minimal additional disturbance is necessary to accommodate the additional wells being added. The pad dimensions are 407' x 175' with a reserve pit of 230' x 100'.
- e. All surface disturbing activities would 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 would be such that stability can be maintained for the life of the activity.
- g. Diversion ditches would 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) would be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil would be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- i. Pits would remain fenced until site cleanup.
- j. If air drilling occurs, the blooie line would be located at least 100 feet from the individual well head and would 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 would be filled and compacted from bottom to top immediately upon release of the drilling rig from location.
- b. The reserve pit would 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 would 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 would 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 would 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 would be seeded by broadcasting seed over all unused portions of the pad. Seed would 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 would begin within 90 days. The operator would use the BLM approved seed mix and would seed during the first suitable seeding season.
    - Interim reclamation drill seeding would 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% would be used.
  - Topsoil salvaged from the drill site and stored for more than one year would 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 would 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. would 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 a Class III archeological survey. A copy of the report was submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 06-430 dated September 22, 2006.
- b. Intermountain Paleo Consulting, Inc. conducted monitoring activities at the time of construction on the Peter's Point 6-34D pad, IPC Report No. 07-169 dated September 24, 2007 and small pieces of plant fragments were identified. No other fossils were found. BBC therefore requests that no additional monitoring should be necessary due to the small expansion required.
- c. Areas in the proposed drilling program where fluids escaping the wellbore and exiting onto a hillside might occur would be identified. In those cases, cement and/ or fluid loss compounds (types of lost circulation fluids) would 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.

Bill Barrett Corporation  
Surface Use Plan  
Peter's Point Unit Federal 6-34D-12-16 Pad  
Carbon County, Utah

- d. 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 would be on existing disturbance and would not be closer than 100' to any tank or wellhead.

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 would 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 14<sup>th</sup> day of Oct 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, Environmental/Regulatory Analyst

Well name: **Utah: West Tavaputs**  
 Operator: **Bill Barrett**  
 String type: **Surface**  
 Location: **Carbon County, UT**

**Design parameters:**

**Collapse**  
 Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**  
 Design factor 1.125

**Environment:**

H2S considered? No  
 Surface temperature: 75.00 °F  
 Bottom hole temperature: 89 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

**Burst:**  
 Design factor 1.00

Cement top: Surface

**Burst**

Max anticipated surface pressure: 2,735 psi  
 Internal gradient: 0.22 psi/ft  
 Calculated BHP: 2,955 psi

**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.

Annular backup: 9.50 ppg

Tension is based on buoyed weight.  
 Neutral point: 859 ft

**Re subsequent strings:**

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 (ft <sup>3</sup> )
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 & 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: **Uta: West Tavaputs**  
 Operator: **Bill Barrett**  
 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 & Kernler 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:

# West Tavaputs General

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 (ft <sup>3</sup> )
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 Unit Federal 5-34D-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:	7,800'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	2119.2	ft <sup>3</sup>
Lead Fill:	6,900'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	1850
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**Peter's Point Unit Federal 5-34D-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: 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: 170 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7800' - 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: 6,900'
0.125 lbm/sk Poly-E-Flake	Volume: 490.65 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1850 sks</b>



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Peter's Point Unit Federal 5-34D-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:	7,800'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1742.9	ft <sup>3</sup>
Lead Fill:	6,900'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	1530
--------------	------

**Peter's Point Unit Federal 5-34D-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: 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: 170 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7800' - 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: 6,900'
0.125 lbm/sk Poly-E-Flake	Volume: 403.52 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1530 sks</b>



**Weatherford<sup>®</sup>**

**Drilling Services**

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**Proposal**

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**Bill Barrett Corporation**

PETERS POINT 5-34D-12-16

CARBON COUNTY, UTAH

WELL FILE: **PLAN 2**

OCTOBER 2, 2008

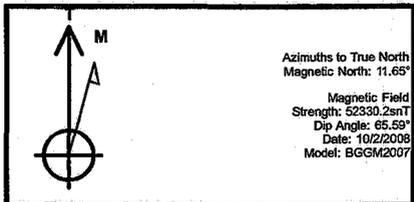
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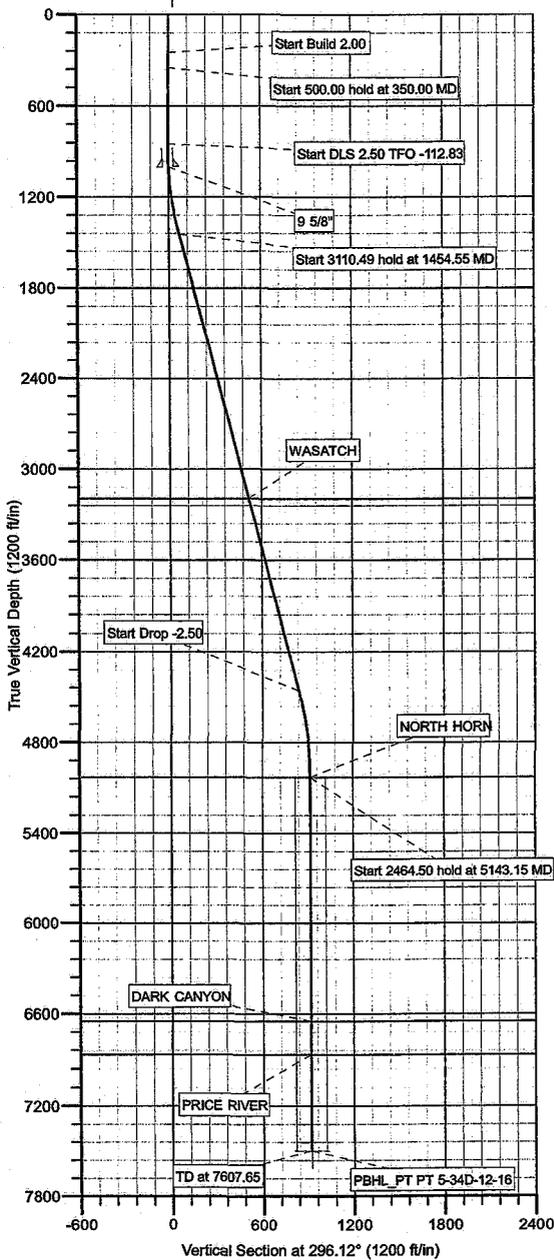
WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)									
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL_PT PT 5-34D-12-16	7496.50	403.75	-823.47	512476.90	2389005.48	39° 43' 55.580 N	110° 7' 0.250 W	Circle (Radius: 100.00)	



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	
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
350.00	2.00	40.00	349.98	1.34	1.12	2.00	40.00	-0.42	Start 500.00 hold at 350.00 MD
850.00	2.00	40.00	849.68	14.70	12.34	0.00	0.00	-4.61	Start DLS 2.50 TFO -112.83
1454.55	14.45	294.33	1447.95	54.09	-49.99	2.50	-112.83	68.69	Start 3110.49 hold at 1454.55 MD
4565.04	14.45	294.33	4460.00	373.88	-757.39	0.00	0.00	844.64	Start Drop -2.50
5143.15	0.00	0.00	5032.00	403.75	-823.47	2.50	180.00	917.13	Start 2464.50 hold at 5143.15 MD
7607.65	0.00	0.00	7496.50	403.75	-823.47	0.00	0.00	917.13	TD at 7607.65

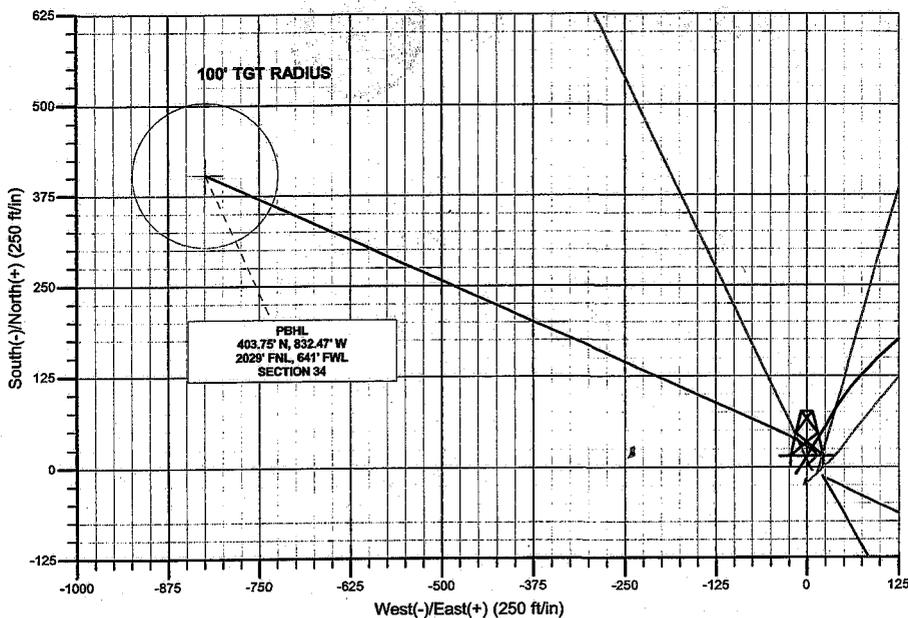
WELL DETAILS: PETERS POINT UF 5-34D-12-16									
+N-S	+E-W	Northing	Easting	Ground Level:	Latitude	Longitude	Slot		
0.00	0.00	512085.99	2389835.03	7220.00	39° 43' 51.590 N	110° 6' 49.710 W			

.EV: WELL KB @ 7235.50ft (Original Well Elev)  
 ID ELEV: 7220.00



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
3195.00	3258.70	WASATCH
5032.00	5143.15	NORTH HORN
6649.00	6760.15	DARK CANYON
6869.00	6980.15	PRICE RIVER

CASING DETAILS			
TVD	MD	Name	Size
999.54	1000.00	9 5/8"	9-5/8



LEGEND	
△	PT PT UF 6-34D-12-16, PT PT UF 6-34D-12-16, PT PT UF 6-34D-12-16 V0
×	PETERS POINT UF 3-34D-12-16, PT PT 3-34D-12-16, Design #1 V0
○	PETERS POINT UF 11-34D-12-16, PT PT 11-34-12-16, Design #1 V0
◇	PT PT UF 2-34D-12-16, PT PT 2-34D-12-16, PT PT 2-34D-12-16 V0
□	PETERS POINT UF 10-34D-12-16, PT PT 10-34D-12-16, Design #1 V0
△	PETERS POINT UF 4-34D-12-16, PT PT UF 4-34D-12-16, Design #2 V0
+	Design #2



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

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

**PETERS POINT 6-34D PAD**

**PETERS POINT UF 5-34D-12-16**

**PT PT UF 5-34D-12-16**

**Plan: Design #2**

## **Standard Planning Report**

**02 October, 2008**



**Weatherford®**



<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT UF 5-34D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL KB @ 7235.50ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL KB @ 7235.50ft (Original Well Elev)
<b>Site:</b>	PETERS POINT 6-34D PAD	<b>North Reference:</b>	True
<b>Well:</b>	PETERS POINT UF 5-34D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PT PT UF 5-34D-12-16		
<b>Design:</b>	Design #2		

<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 6-34D PAD				
<b>Site Position:</b>		<b>Northing:</b>	512,070.26 ft	<b>Latitude:</b>	39° 43' 51.430 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,389,863.40 ft	<b>Longitude:</b>	110° 6' 49.350 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.89 °

<b>Well</b>	PETERS POINT UF 5-34D-12-16, 2432' FNL, 1456' FWL					
<b>Well Position</b>	<b>+N/-S</b>	16.18 ft	<b>Northing:</b>	512,085.99 ft	<b>Latitude:</b>	39° 43' 51.590 N
	<b>+E/-W</b>	-28.13 ft	<b>Easting:</b>	2,389,835.03 ft	<b>Longitude:</b>	110° 6' 49.710 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	7,220.00 ft

<b>Wellbore</b>	PT PT UF 5-34D-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	10/2/2008	11.65	65.59	52,330

<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	296.12

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	
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00	
350.00	2.00	40.00	349.98	1.34	1.12	2.00	2.00	0.00	40.00	
850.00	2.00	40.00	849.68	14.70	12.34	0.00	0.00	0.00	0.00	
1,454.55	14.45	294.33	1,447.95	54.09	-49.99	2.50	2.06	-17.48	-112.83	
4,565.04	14.45	294.33	4,460.00	373.88	-757.39	0.00	0.00	0.00	0.00	
5,143.15	0.00	0.00	5,032.00	403.75	-823.47	2.50	-2.50	0.00	180.00	
7,607.65	0.00	0.00	7,496.50	403.75	-823.47	0.00	0.00	0.00	0.00	PBHL_PT PT 5-34I



Database: EDM 2003.21 Single User Db  
 Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT 6-34D PAD  
 Well: PETERS POINT UF 5-34D-12-16  
 Wellbore: PT PT UF 5-34D-12-16  
 Design: Design #2

Local Co-ordinate Reference: Well PETERS POINT UF 5-34D-12-16  
 TVD Reference: WELL KB @ 7235.50ft (Original Well Elev)  
 MD Reference: WELL KB @ 7235.50ft (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
<b>Start Build 2.00</b>									
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	1.00	40.00	300.00	0.33	0.28	-0.10	2.00	2.00	0.00
<b>Start 500.00 hold at 350.00 MD</b>									
350.00	2.00	40.00	349.98	1.34	1.12	-0.42	2.00	2.00	0.00
400.00	2.00	40.00	399.95	2.67	2.24	-0.84	0.00	0.00	0.00
500.00	2.00	40.00	499.89	5.35	4.49	-1.67	0.00	0.00	0.00
600.00	2.00	40.00	599.83	8.02	6.73	-2.51	0.00	0.00	0.00
700.00	2.00	40.00	699.77	10.69	8.97	-3.35	0.00	0.00	0.00
800.00	2.00	40.00	799.71	13.37	11.22	-4.19	0.00	0.00	0.00
<b>Start DLS 2.50 TFO -112.83</b>									
850.00	2.00	40.00	849.68	14.70	12.34	-4.61	0.00	0.00	0.00
900.00	1.90	2.74	899.65	16.20	12.94	-4.48	2.50	-0.19	-74.52
<b>9 5/8"</b>									
1,000.00	3.50	318.92	999.54	20.16	11.01	-1.01	2.50	1.60	-43.82
1,100.00	5.77	305.71	1,099.21	25.40	4.92	6.76	2.50	2.28	-13.21
1,200.00	8.18	300.09	1,198.47	31.90	-5.32	18.82	2.50	2.41	-5.62
1,300.00	10.63	297.02	1,297.11	39.66	-19.70	35.15	2.50	2.45	-3.06
1,400.00	13.10	295.10	1,394.97	48.66	-38.19	55.71	2.50	2.47	-1.92
<b>Start 3110.49 hold at 1454.55 MD</b>									
1,454.55	14.45	294.33	1,447.95	54.09	-49.99	68.69	2.50	2.48	-1.42
1,500.00	14.45	294.33	1,491.96	58.76	-60.32	80.03	0.00	0.00	0.00
1,600.00	14.45	294.33	1,588.80	69.04	-83.07	104.98	0.00	0.00	0.00
1,700.00	14.45	294.33	1,685.63	79.33	-105.81	129.93	0.00	0.00	0.00
1,800.00	14.45	294.33	1,782.47	89.61	-128.55	154.87	0.00	0.00	0.00
1,900.00	14.45	294.33	1,879.30	99.89	-151.29	179.82	0.00	0.00	0.00
2,000.00	14.45	294.33	1,976.14	110.17	-174.04	204.76	0.00	0.00	0.00
2,100.00	14.45	294.33	2,072.97	120.45	-196.78	229.71	0.00	0.00	0.00
2,200.00	14.45	294.33	2,169.81	130.73	-219.52	254.66	0.00	0.00	0.00
2,300.00	14.45	294.33	2,266.64	141.01	-242.26	279.60	0.00	0.00	0.00
2,400.00	14.45	294.33	2,363.48	151.29	-265.01	304.55	0.00	0.00	0.00
2,500.00	14.45	294.33	2,460.31	161.57	-287.75	329.49	0.00	0.00	0.00
2,600.00	14.45	294.33	2,557.15	171.85	-310.49	354.44	0.00	0.00	0.00
2,700.00	14.45	294.33	2,653.98	182.13	-333.23	379.39	0.00	0.00	0.00
2,800.00	14.45	294.33	2,750.82	192.41	-355.97	404.33	0.00	0.00	0.00
2,900.00	14.45	294.33	2,847.65	202.70	-378.72	429.28	0.00	0.00	0.00
3,000.00	14.45	294.33	2,944.49	212.98	-401.46	454.22	0.00	0.00	0.00
3,100.00	14.45	294.33	3,041.33	223.26	-424.20	479.17	0.00	0.00	0.00
3,200.00	14.45	294.33	3,138.16	233.54	-446.94	504.11	0.00	0.00	0.00
<b>WASATCH</b>									
3,258.70	14.45	294.33	3,195.00	239.57	-460.29	518.76	0.00	0.00	0.00
3,300.00	14.45	294.33	3,235.00	243.82	-469.69	529.06	0.00	0.00	0.00
3,400.00	14.45	294.33	3,331.83	254.10	-492.43	554.01	0.00	0.00	0.00
3,500.00	14.45	294.33	3,428.67	264.38	-515.17	578.95	0.00	0.00	0.00
3,600.00	14.45	294.33	3,525.50	274.66	-537.91	603.90	0.00	0.00	0.00
3,700.00	14.45	294.33	3,622.34	284.94	-560.66	628.84	0.00	0.00	0.00
3,800.00	14.45	294.33	3,719.17	295.22	-583.40	653.79	0.00	0.00	0.00
3,900.00	14.45	294.33	3,816.01	305.50	-606.14	678.74	0.00	0.00	0.00
4,000.00	14.45	294.33	3,912.84	315.79	-628.88	703.68	0.00	0.00	0.00
4,100.00	14.45	294.33	4,009.68	326.07	-651.63	728.63	0.00	0.00	0.00

**Database:** EDM 2003.21 Single User Db  
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PETERS POINT 6-34D PAD  
**Well:** PETERS POINT UF 5-34D-12-16  
**Wellbore:** PT PT UF 5-34D-12-16  
**Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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)
4,200.00	14.45	294.33	4,106.51	336.35	-674.37	753.57	0.00	0.00	0.00
4,300.00	14.45	294.33	4,203.35	346.63	-697.11	778.52	0.00	0.00	0.00
4,400.00	14.45	294.33	4,300.19	356.91	-719.85	803.47	0.00	0.00	0.00
4,500.00	14.45	294.33	4,397.02	367.19	-742.59	828.41	0.00	0.00	0.00
<b>Start Drop -2.50</b>									
4,565.04	14.45	294.33	4,460.00	373.88	-757.39	844.64	0.00	0.00	0.00
4,600.00	13.58	294.33	4,493.92	377.36	-765.10	853.10	2.50	-2.50	0.00
4,700.00	11.08	294.33	4,591.61	386.16	-784.56	874.44	2.50	-2.50	0.00
4,800.00	8.58	294.33	4,690.13	393.19	-800.11	891.50	2.50	-2.50	0.00
4,900.00	6.08	294.33	4,789.31	398.44	-811.73	904.25	2.50	-2.50	0.00
5,000.00	3.58	294.33	4,888.94	401.91	-819.40	912.66	2.50	-2.50	0.00
5,100.00	1.08	294.33	4,988.85	403.58	-823.10	916.72	2.50	-2.50	0.00
<b>Start 2464.50 hold at 5143.15 MD - NORTH HORN</b>									
5,143.15	0.00	0.00	5,032.00	403.75	-823.47	917.13	2.50	-2.50	0.00
5,200.00	0.00	0.00	5,088.85	403.75	-823.47	917.13	0.00	0.00	0.00
5,300.00	0.00	0.00	5,188.85	403.75	-823.47	917.13	0.00	0.00	0.00
5,400.00	0.00	0.00	5,288.85	403.75	-823.47	917.13	0.00	0.00	0.00
5,500.00	0.00	0.00	5,388.85	403.75	-823.47	917.13	0.00	0.00	0.00
5,600.00	0.00	0.00	5,488.85	403.75	-823.47	917.13	0.00	0.00	0.00
5,700.00	0.00	0.00	5,588.85	403.75	-823.47	917.13	0.00	0.00	0.00
5,800.00	0.00	0.00	5,688.85	403.75	-823.47	917.13	0.00	0.00	0.00
5,900.00	0.00	0.00	5,788.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,000.00	0.00	0.00	5,888.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,100.00	0.00	0.00	5,988.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,200.00	0.00	0.00	6,088.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,300.00	0.00	0.00	6,188.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,400.00	0.00	0.00	6,288.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,500.00	0.00	0.00	6,388.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,600.00	0.00	0.00	6,488.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,700.00	0.00	0.00	6,588.85	403.75	-823.47	917.13	0.00	0.00	0.00
<b>DARK CANYON</b>									
6,760.15	0.00	0.00	6,649.00	403.75	-823.47	917.13	0.00	0.00	0.00
6,800.00	0.00	0.00	6,688.85	403.75	-823.47	917.13	0.00	0.00	0.00
6,900.00	0.00	0.00	6,788.85	403.75	-823.47	917.13	0.00	0.00	0.00
<b>PRICE RIVER</b>									
6,980.15	0.00	0.00	6,869.00	403.75	-823.47	917.13	0.00	0.00	0.00
7,000.00	0.00	0.00	6,888.85	403.75	-823.47	917.13	0.00	0.00	0.00
7,100.00	0.00	0.00	6,988.85	403.75	-823.47	917.13	0.00	0.00	0.00
7,200.00	0.00	0.00	7,088.85	403.75	-823.47	917.13	0.00	0.00	0.00
7,300.00	0.00	0.00	7,188.85	403.75	-823.47	917.13	0.00	0.00	0.00
7,400.00	0.00	0.00	7,288.85	403.75	-823.47	917.13	0.00	0.00	0.00
7,500.00	0.00	0.00	7,388.85	403.75	-823.47	917.13	0.00	0.00	0.00
<b>TD at 7607.65 - PBHL_PT PT 5-34D-12-16</b>									
7,607.65	0.00	0.00	7,496.50	403.75	-823.47	917.13	0.00	0.00	0.00



Database: EDM 2003.21 Single User Db  
 Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT 6-34D PAD  
 Well: PETERS POINT UF 5-34D-12-16  
 Wellbore: PT PT UF 5-34D-12-16  
 Design: Design #2

Local Co-ordinate Reference: Well PETERS POINT UF 5-34D-12-16  
 TVD Reference: WELL KB @ 7235.50ft (Original Well Elev)  
 MD Reference: WELL KB @ 7235.50ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

**Design Targets**

**Target Name**

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL_PT PT 5-34D-1 - plan hits target center - Circle (radius 100.00)	0.00	0.00	7,496.50	403.75	-823.47	512,476.90	2,389,005.48	39° 43' 55.580 N	110° 7' 0.250 W

**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,000.00	999.54	9 5/8"	9-5/8	12-1/4

**Formations**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,258.70	3,195.00	WASATCH		0.00	
5,143.15	5,032.00	NORTH HORN		0.00	
6,760.15	6,649.00	DARK CANYON		0.00	
6,980.15	6,869.00	PRICE RIVER		0.00	

**Plan Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
250.00	250.00	0.00	0.00	Start Build 2.00
350.00	349.98	1.34	1.12	Start 500.00 hold at 350.00 MD
850.00	849.68	14.70	12.34	Start DLS 2.50 TFO -112.83
1,454.55	1,447.95	54.09	-49.99	Start 3110.49 hold at 1454.55 MD
4,565.04	4,460.00	373.88	-757.39	Start Drop -2.50
5,143.15	5,032.00	403.75	-823.47	Start 2464.50 hold at 5143.15 MD
7,607.65	7,496.50	403.75	-823.47	TD at 7607.65



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

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

**PETERS POINT 6-34D PAD**

**PETERS POINT UF 5-34D-12-16**

**PT PT UF 5-34D-12-16**

**Design #2**

# **Anticollision Report**

**02 October, 2008**



**Weatherford®**



**Weatherford International Ltd.**  
Anticollision Report



<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT UF 5-34D-12-16
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL KB @ 7235.50ft (Original Well Elev)
<b>Reference Site:</b>	PETERS POINT 6-34D PAD	<b>MD Reference:</b>	WELL KB @ 7235.50ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PETERS POINT UF 5-34D-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>	PT PT UF 5-34D-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>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	10/2/2008
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>
0.00	7,607.65	Design #2 (PT PT UF 5-34D-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 6-34D PAD						
PETERS POINT UF 10-34-12-16 - PT PT 10-34D-12-16	462.48	462.39	31.96	30.14	17.590	CC
PETERS POINT UF 10-34-12-16 - PT PT 10-34D-12-16	600.00	599.83	32.32	29.88	13.247	ES
PETERS POINT UF 10-34-12-16 - PT PT 10-34D-12-16	900.00	899.65	35.78	31.99	9.432	SF
PETERS POINT UF 11-34D-12-16 - PT PT 11-34-12-16	421.71	421.65	23.97	22.34	14.681	CC
PETERS POINT UF 11-34D-12-16 - PT PT 11-34-12-16	500.00	499.89	24.13	22.14	12.149	ES
PETERS POINT UF 11-34D-12-16 - PT PT 11-34-12-16	900.00	899.65	29.51	25.72	7.783	SF
PETERS POINT UF 3-34D-12-16 - PT PT 3-34D-12-16 -	381.24	381.20	15.98	14.53	11.019	CC
PETERS POINT UF 3-34D-12-16 - PT PT 3-34D-12-16 -	400.00	399.95	15.99	14.46	10.423	ES
PETERS POINT UF 3-34D-12-16 - PT PT 3-34D-12-16 -	850.00	849.68	22.87	19.30	6.406	SF
PETERS POINT UF 4-34D-12-16 - PT PT UF 4-34D-12-	340.22	340.20	7.99	6.72	6.307	CC
PETERS POINT UF 4-34D-12-16 - PT PT UF 4-34D-12-	350.00	349.98	7.99	6.68	6.103	ES
PETERS POINT UF 4-34D-12-16 - PT PT UF 4-34D-12-	500.00	499.89	9.73	7.75	4.899	SF
PT PT UF 2-34D-12-16 - PT PT 2-34D-12-16 - PT PT 2-3	585.66	587.12	9.16	6.78	3.844	CC, ES
PT PT UF 2-34D-12-16 - PT PT 2-34D-12-16 - PT PT 2-3	600.00	601.40	9.25	6.79	3.761	SF
PT PT UF 6-34D-12-16 - PT PT UF 6-34D-12-16 - PT PT	0.00	0.50	16.55			
PT PT UF 6-34D-12-16 - PT PT UF 6-34D-12-16 - PT PT	250.00	250.48	16.71	16.00	23.536	ES
PT PT UF 6-34D-12-16 - PT PT UF 6-34D-12-16 - PT PT	1,000.00	999.82	41.33	38.14	12.954	SF

Offset 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 (ft)	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)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
0.00	0.00	0.00	0.00	0.00	0.00	119.94	-16.20	28.13	32.46					
100.00	100.00	100.00	100.00	0.09	0.09	119.94	-16.20	28.13	32.46	32.27	0.19	170.895		
200.00	200.00	200.00	200.00	0.32	0.32	119.94	-16.20	28.13	32.46	31.82	0.64	50.758		
250.00	250.00	250.00	250.00	0.43	0.43	119.94	-16.20	28.13	32.46	31.59	0.86	37.557		
300.00	300.00	300.00	300.00	0.54	0.54	120.70	-16.20	28.13	32.38	31.30	1.09	29.782		
350.00	349.98	349.98	349.98	0.66	0.66	123.00	-16.20	28.13	32.20	30.89	1.31	24.579		
400.00	399.95	399.95	399.95	0.77	0.77	126.10	-16.20	28.13	32.03	30.50	1.53	20.879		
462.48	462.39	462.39	462.39	0.91	0.91	130.00	-16.20	28.13	31.96	30.14	1.82	17.590	CC	
500.00	499.89	499.89	499.89	0.99	0.99	132.35	-16.20	28.13	31.99	30.00	1.99	16.107		
600.00	599.83	599.83	599.83	1.22	1.22	138.54	-16.20	28.13	32.32	29.88	2.44	13.247	ES	
700.00	699.77	699.77	699.77	1.45	1.44	144.54	-16.20	28.13	33.02	30.12	2.89	11.408		

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 10-34-12-16 - PT PT 10-34D-12-16 - Design #1													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		
800.00	799.71	799.71	799.71	1.68	1.67	150.23	-16.20	28.13	34.06	30.71	3.35	10.171		
850.00	849.68	849.68	849.68	1.80	1.78	152.94	-16.20	28.13	34.70	31.13	3.58	9.705		
900.00	899.65	899.65	899.65	1.90	1.89	154.88	-16.20	28.13	35.78	31.99	3.79	9.432 SF		
1,000.00	999.54	999.54	999.54	2.10	2.12	154.79	-16.20	28.13	40.19	35.97	4.21	9.539		
1,100.00	1,099.21	1,098.55	1,098.55	2.32	2.33	150.62	-16.34	28.42	47.90	43.28	4.62	10.361		
1,200.00	1,198.47	1,195.28	1,195.20	2.55	2.52	143.40	-17.96	31.71	62.19	57.18	5.01	12.417		
1,300.00	1,297.11	1,289.55	1,289.17	2.81	2.71	136.34	-21.26	38.44	84.59	79.18	5.40	15.655		
1,400.00	1,394.97	1,380.46	1,379.42	3.12	2.91	130.86	-26.06	48.21	115.27	109.48	5.80	19.882		
1,454.55	1,447.95	1,428.35	1,426.77	3.32	3.03	128.53	-29.22	54.64	135.41	129.40	6.01	22.523		
1,500.00	1,491.96	1,467.41	1,465.27	3.50	3.14	126.94	-32.12	60.55	153.56	147.36	6.20	24.765		
1,600.00	1,588.80	1,551.23	1,547.47	3.91	3.39	124.40	-39.31	75.20	196.21	189.59	6.62	29.632		
1,700.00	1,685.63	1,632.06	1,626.14	4.36	3.67	122.68	-47.50	91.88	242.29	235.25	7.04	34.396		
1,800.00	1,782.47	1,709.89	1,701.22	4.82	3.97	121.46	-56.54	110.29	291.55	284.08	7.47	39.042		
1,900.00	1,879.30	1,784.70	1,772.69	5.29	4.32	120.56	-66.28	130.12	343.76	335.87	7.89	43.554		
2,000.00	1,976.14	1,856.52	1,840.59	5.77	4.71	119.87	-76.59	151.13	398.73	390.41	8.32	47.938		
2,100.00	2,072.97	1,925.39	1,904.97	6.26	5.11	119.33	-87.36	173.05	456.27	447.53	8.74	52.216		
2,200.00	2,169.81	2,000.00	1,973.87	6.76	5.60	118.88	-99.98	198.75	516.30	507.13	9.18	56.247		
2,300.00	2,266.64	2,054.54	2,023.62	7.26	6.01	118.55	-109.83	218.81	578.41	568.83	9.58	60.365		
2,400.00	2,363.48	2,114.98	2,078.12	7.77	6.48	118.26	-121.34	242.26	642.71	632.72	9.99	64.304		
2,500.00	2,460.31	2,172.79	2,129.58	8.28	6.98	118.01	-132.95	265.90	708.98	698.57	10.41	68.119		
2,600.00	2,557.15	2,228.06	2,178.15	8.79	7.48	117.80	-144.58	289.58	777.08	766.26	10.82	71.843		
2,700.00	2,653.98	2,288.63	2,230.71	9.30	8.06	117.62	-157.84	316.59	846.77	835.53	11.24	75.338		
2,800.00	2,750.82	2,360.02	2,292.54	9.82	8.78	117.45	-173.57	348.63	916.75	905.07	11.68	78.477		
2,900.00	2,847.65	2,431.41	2,354.36	10.34	9.50	117.30	-189.30	380.67	986.75	974.63	12.12	81.399		
3,000.00	2,944.49	2,502.80	2,416.19	10.86	10.23	117.18	-205.04	412.71	1,056.75	1,044.18	12.57	84.095		
3,100.00	3,041.33	2,574.19	2,478.02	11.38	10.98	117.07	-220.77	444.75	1,126.75	1,113.73	13.02	86.553		
3,200.00	3,138.16	2,645.58	2,539.84	11.90	11.72	116.97	-236.50	476.79	1,196.75	1,183.28	13.47	88.831		
3,300.00	3,235.00	2,716.97	2,601.67	12.42	12.48	116.88	-252.23	508.83	1,266.76	1,252.83	13.93	90.947		
3,400.00	3,331.83	2,788.36	2,663.49	12.94	13.23	116.80	-267.97	540.87	1,336.77	1,322.38	14.39	92.903		
3,500.00	3,428.67	2,859.75	2,725.32	13.47	14.00	116.73	-283.70	572.91	1,406.78	1,391.92	14.85	94.713		
3,600.00	3,525.50	2,931.14	2,787.14	13.99	14.76	116.67	-299.43	604.95	1,476.79	1,461.47	15.32	96.404		
3,700.00	3,622.34	3,002.53	2,848.97	14.51	15.53	116.61	-315.16	636.99	1,546.80	1,531.01	15.79	97.984		
3,800.00	3,719.17	3,073.92	2,910.80	15.04	16.30	116.56	-330.89	669.03	1,616.81	1,600.56	16.26	99.449		
3,900.00	3,816.01	3,145.31	2,972.62	15.56	17.07	116.51	-346.63	701.07	1,686.83	1,670.10	16.73	100.823		
4,000.00	3,912.84	3,216.70	3,034.45	16.09	17.84	116.47	-362.36	733.11	1,756.84	1,739.64	17.20	102.113		
4,100.00	4,009.68	3,288.09	3,096.27	16.62	18.62	116.43	-378.09	765.15	1,826.86	1,809.18	17.68	103.322		
4,200.00	4,106.51	3,359.48	3,158.10	17.14	19.39	116.39	-393.82	797.20	1,896.88	1,878.72	18.16	104.455		
4,300.00	4,203.35	3,430.87	3,219.92	17.67	20.17	116.35	-409.56	829.24	1,966.89	1,948.25	18.64	105.523		
4,400.00	4,300.19	3,502.26	3,281.75	18.20	20.95	116.32	-425.29	861.28	2,036.91	2,017.79	19.12	106.532		
4,500.00	4,397.02	3,573.65	3,343.57	18.72	21.72	116.29	-441.02	893.32	2,106.93	2,087.33	19.60	107.480		
4,565.04	4,460.00	3,620.08	3,383.78	19.07	22.23	116.27	-451.25	914.15	2,152.47	2,132.55	19.92	108.069		
4,600.00	4,493.92	3,645.22	3,405.56	19.23	22.51	116.26	-456.79	925.44	2,176.76	2,156.60	20.16	107.963		
4,700.00	4,591.61	3,719.15	3,469.59	19.59	23.31	116.24	-473.09	958.62	2,244.08	2,223.25	20.83	107.747		
4,800.00	4,690.13	3,795.95	3,536.09	19.90	24.15	116.22	-490.01	993.09	2,308.12	2,286.64	21.47	107.493		
4,900.00	4,789.31	3,875.46	3,604.96	20.15	25.03	116.21	-507.53	1,028.77	2,368.74	2,346.65	22.09	107.209		
5,000.00	4,888.94	3,957.55	3,676.04	20.35	25.92	116.20	-525.62	1,065.61	2,425.85	2,403.15	22.69	106.905		
5,100.00	4,988.85	4,042.04	3,749.22	20.50	26.85	116.20	-544.24	1,103.53	2,479.32	2,456.05	23.26	106.584		
5,143.15	5,032.00	4,079.20	3,781.40	20.54	27.26	116.19	-552.43	1,120.21	2,501.24	2,477.74	23.50	106.436		
5,200.00	5,088.85	4,128.44	3,824.04	20.60	27.80	116.19	-563.28	1,142.31	2,529.67	2,505.90	23.77	106.423		
5,300.00	5,188.85	4,215.04	3,899.04	20.72	28.75	116.19	-582.37	1,181.18	2,579.67	2,555.41	24.26	106.351		
5,400.00	5,288.85	4,301.64	3,974.04	20.84	29.70	116.19	-601.45	1,220.05	2,629.66	2,604.92	24.74	106.272		
5,500.00	5,388.85	4,388.25	4,049.04	20.96	30.65	116.19	-620.54	1,258.91	2,679.66	2,654.43	25.24	106.187		

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 10-34-12-16 - PT PT 10-34D-12-16 - Design #1													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		
5,600.00	5,488.85	4,474.85	4,124.04	21.09	31.61	116.19	-639.62	1,297.78	2,729.66	2,703.93	25.73	106.097		
5,700.00	5,588.85	4,561.45	4,199.04	21.21	32.56	116.19	-658.71	1,336.65	2,779.66	2,753.44	26.22	106.004		
5,800.00	5,688.85	4,648.06	4,274.04	21.34	33.51	116.19	-677.79	1,375.52	2,829.66	2,802.94	26.72	105.906		
5,900.00	5,788.85	4,734.66	4,349.04	21.47	34.46	116.19	-696.88	1,414.39	2,879.66	2,852.44	27.22	105.806		
6,000.00	5,888.85	4,821.26	4,424.05	21.60	35.42	116.19	-715.96	1,453.25	2,929.66	2,901.94	27.72	105.704		
6,100.00	5,988.85	4,907.86	4,499.05	21.73	36.37	116.18	-735.05	1,492.12	2,989.66	2,972.04	28.22	105.602		
6,200.00	6,088.85	4,994.46	4,574.05	21.86	37.32	116.18	-754.14	1,531.00	3,049.66	3,037.04	28.72	105.500		
6,300.00	6,188.85	5,081.06	4,649.05	22.00	38.27	116.18	-773.23	1,569.87	3,109.66	3,097.04	29.22	105.398		
6,400.00	6,288.85	5,167.66	4,724.05	22.13	39.22	116.18	-792.32	1,608.75	3,169.66	3,157.04	29.72	105.296		
6,500.00	6,388.85	5,254.26	4,799.05	22.27	40.17	116.18	-811.41	1,647.62	3,229.66	3,217.04	30.22	105.194		
6,600.00	6,488.85	5,340.86	4,874.05	22.41	41.12	116.18	-830.50	1,686.50	3,289.66	3,277.04	30.72	105.092		
6,700.00	6,588.85	5,427.46	4,949.05	22.55	42.07	116.18	-849.59	1,725.37	3,349.66	3,337.04	31.22	104.990		
6,800.00	6,688.85	5,514.06	5,024.05	22.69	43.02	116.18	-868.68	1,764.25	3,409.66	3,397.04	31.72	104.888		
6,900.00	6,788.85	5,600.66	5,099.05	22.83	43.97	116.18	-887.77	1,803.12	3,469.66	3,457.04	32.22	104.786		
7,000.00	6,888.85	5,687.26	5,174.05	22.98	44.92	116.18	-906.86	1,842.00	3,529.66	3,517.04	32.72	104.684		
7,100.00	6,988.85	5,773.86	5,249.05	23.12	45.87	116.18	-925.95	1,880.87	3,589.66	3,577.04	33.22	104.582		
7,200.00	7,088.85	5,860.46	5,324.05	23.27	46.82	116.18	-945.04	1,919.75	3,649.66	3,637.04	33.72	104.480		
7,300.00	7,188.85	5,947.06	5,399.05	23.42	47.77	116.18	-964.13	1,958.62	3,709.66	3,697.04	34.22	104.378		
7,400.00	7,288.85	6,033.66	5,474.05	23.57	48.72	116.18	-983.22	1,997.50	3,769.66	3,757.04	34.72	104.276		
7,500.00	7,388.85	6,120.26	5,549.05	23.72	49.67	116.18	-1,002.31	2,036.37	3,829.66	3,817.04	35.22	104.174		
7,607.65	7,496.50	6,206.86	5,624.05	23.88	50.62	116.18	-1,021.40	2,075.25	3,889.66	3,877.04	35.72	104.072		



# Weatherford International Ltd.

## Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 11-34D-12-16 - PT PT 11-34-12-16 - 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	119.95	-12.16	21.10	24.35					
100.00	100.00	100.00	100.00	0.09	0.09	119.95	-12.16	21.10	24.35	24.16	0.19	128.189		
200.00	200.00	200.00	200.00	0.32	0.32	119.95	-12.16	21.10	24.35	23.71	0.64	38.074		
250.00	250.00	250.00	250.00	0.43	0.43	119.95	-12.16	21.10	24.35	23.48	0.86	28.172		
300.00	300.00	300.00	300.00	0.54	0.54	120.97	-12.16	21.10	24.27	23.19	1.09	22.324		
350.00	349.98	349.98	349.98	0.66	0.66	124.04	-12.16	21.10	24.10	22.79	1.31	18.400		
400.00	399.95	399.95	399.95	0.77	0.77	128.19	-12.16	21.10	23.99	22.45	1.53	15.633		
421.71	421.65	421.65	421.65	0.82	0.82	130.00	-12.16	21.10	23.97	22.34	1.63	14.681	CC	
500.00	499.89	499.89	499.89	0.99	0.99	136.50	-12.16	21.10	24.13	22.14	1.99	12.149	ES	
600.00	599.83	599.83	599.83	1.22	1.22	144.55	-12.16	21.10	24.77	22.33	2.44	10.152		
700.00	699.77	699.77	699.77	1.45	1.44	152.05	-12.16	21.10	25.87	22.97	2.89	8.938		
800.00	799.71	799.71	799.71	1.68	1.67	158.84	-12.16	21.10	27.37	24.02	3.35	8.176		
850.00	849.68	849.68	849.68	1.80	1.78	161.94	-12.16	21.10	28.25	24.68	3.57	7.905		
900.00	899.65	899.65	899.65	1.90	1.89	163.95	-12.16	21.10	29.51	25.72	3.79	7.783	SF	
1,000.00	999.54	999.54	999.54	2.10	2.12	162.67	-12.16	21.10	33.85	29.64	4.21	8.041		
1,100.00	1,099.21	1,098.52	1,098.52	2.32	2.33	156.65	-12.44	21.25	41.22	36.60	4.62	8.922		
1,200.00	1,198.47	1,195.27	1,195.20	2.55	2.50	149.19	-15.64	23.04	55.46	50.46	5.00	11.101		
1,300.00	1,297.11	1,289.79	1,289.40	2.81	2.68	143.14	-22.21	26.69	77.72	72.34	5.38	14.437		
1,400.00	1,394.97	1,381.28	1,380.23	3.12	2.87	138.89	-31.80	32.03	107.80	102.03	5.78	18.658		
1,454.55	1,447.95	1,429.66	1,428.06	3.32	2.99	137.15	-38.15	35.57	127.37	121.37	6.00	21.242		
1,500.00	1,491.96	1,469.22	1,467.05	3.50	3.09	136.02	-43.99	38.82	144.94	138.76	6.19	23.423		
1,600.00	1,588.80	1,554.34	1,550.51	3.91	3.33	134.47	-58.55	46.93	186.13	179.51	6.62	28.105		
1,700.00	1,685.63	1,636.72	1,630.65	4.36	3.61	133.65	-75.22	56.21	230.56	223.49	7.07	32.612		
1,800.00	1,782.47	1,716.30	1,707.37	4.82	3.92	133.22	-93.70	66.50	278.00	270.47	7.53	36.932		
1,900.00	1,879.30	1,797.66	1,785.09	5.29	4.29	133.08	-114.71	78.20	328.02	320.02	8.01	40.973		
2,000.00	1,976.14	1,884.00	1,867.44	5.77	4.71	133.06	-137.37	90.82	378.47	369.98	8.49	44.583		
2,100.00	2,072.97	1,970.34	1,949.79	6.26	5.16	133.05	-160.04	103.44	428.92	419.93	8.99	47.715		
2,200.00	2,169.81	2,056.68	2,032.14	6.76	5.62	133.05	-182.70	116.06	479.37	469.88	9.49	50.491		
2,300.00	2,266.64	2,143.02	2,114.50	7.26	6.10	133.04	-205.36	128.68	529.82	519.82	10.01	52.932		
2,400.00	2,363.48	2,229.36	2,196.85	7.77	6.58	133.03	-228.02	141.29	580.28	569.74	10.53	55.089		
2,500.00	2,460.31	2,315.70	2,279.20	8.28	7.08	133.03	-250.68	153.91	630.73	619.66	11.06	57.005		
2,600.00	2,557.15	2,402.04	2,361.55	8.79	7.57	133.02	-273.34	166.53	681.18	669.58	11.60	58.713		
2,700.00	2,653.98	2,488.38	2,443.91	9.30	8.08	133.02	-296.00	179.15	731.63	719.48	12.15	60.238		
2,800.00	2,750.82	2,574.72	2,526.26	9.82	8.59	133.02	-318.66	191.77	782.08	769.38	12.69	61.610		
2,900.00	2,847.65	2,661.06	2,608.61	10.34	9.10	133.01	-341.32	204.39	832.53	819.28	13.25	62.850		
3,000.00	2,944.49	2,747.41	2,690.97	10.86	9.62	133.01	-363.98	217.00	882.98	869.18	13.80	63.973		
3,100.00	3,041.33	2,833.75	2,773.32	11.38	10.14	133.01	-386.65	229.62	933.43	919.07	14.36	64.995		
3,200.00	3,138.16	2,920.09	2,855.67	11.90	10.66	133.01	-409.31	242.24	983.88	968.96	14.92	65.928		
3,300.00	3,235.00	3,006.43	2,938.02	12.42	11.18	133.01	-431.97	254.86	1,034.33	1,018.84	15.49	66.781		
3,400.00	3,331.83	3,092.77	3,020.38	12.94	11.71	133.00	-454.63	267.48	1,084.78	1,068.73	16.06	67.564		
3,500.00	3,428.67	3,179.11	3,102.73	13.47	12.24	133.00	-477.29	280.09	1,135.23	1,118.61	16.63	68.283		
3,600.00	3,525.50	3,265.45	3,185.08	13.99	12.76	133.00	-499.95	292.71	1,185.69	1,168.49	17.20	68.948		
3,700.00	3,622.34	3,351.79	3,267.43	14.51	13.29	133.00	-522.61	305.33	1,236.14	1,218.37	17.77	69.563		
3,800.00	3,719.17	3,438.13	3,349.79	15.04	13.82	133.00	-545.27	317.95	1,286.59	1,268.24	18.34	70.133		
3,900.00	3,816.01	3,524.47	3,432.14	15.56	14.35	133.00	-567.93	330.57	1,337.04	1,318.12	18.92	70.664		
4,000.00	3,912.84	3,610.81	3,514.49	16.09	14.88	133.00	-590.59	343.19	1,387.49	1,367.99	19.50	71.158		
4,100.00	4,009.68	3,697.15	3,596.85	16.62	15.41	133.00	-613.26	355.80	1,437.94	1,417.86	20.08	71.619		
4,200.00	4,106.51	3,783.49	3,679.20	17.14	15.95	133.00	-635.92	368.42	1,488.39	1,467.73	20.66	72.049		
4,300.00	4,203.35	3,869.83	3,761.55	17.67	16.48	132.99	-658.58	381.04	1,538.84	1,517.60	21.24	72.452		
4,400.00	4,300.19	3,956.17	3,843.90	18.20	17.01	132.99	-681.24	393.66	1,589.29	1,567.47	21.82	72.831		
4,500.00	4,397.02	4,042.52	3,926.26	18.72	17.55	132.99	-703.90	406.28	1,639.74	1,617.34	22.40	73.187		
4,565.04	4,460.00	4,098.67	3,979.82	19.07	17.90	132.99	-718.64	414.48	1,672.56	1,649.77	22.78	73.407		

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 11-34D-12-16 - PT PT 11-34-12-16 - Design #1													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)				
4,600.00	4,493.92	4,128.98	4,008.73	19.23	18.08	133.00	-726.59	418.91	1,689.98	1,666.94	23.04	73.347		
4,700.00	4,591.61	4,217.00	4,092.68	19.59	18.63	133.04	-749.70	431.78	1,737.40	1,713.68	23.72	73.242		
4,800.00	4,690.13	4,306.86	4,178.39	19.90	19.19	133.13	-773.28	444.91	1,781.18	1,756.81	24.37	73.098		
4,900.00	4,789.31	4,447.69	4,313.05	20.15	19.94	133.41	-809.28	464.96	1,820.81	1,795.72	25.10	72.555		
5,000.00	4,888.94	4,694.47	4,553.05	20.35	20.90	133.86	-859.21	492.76	1,850.68	1,824.71	25.98	71.248		
5,100.00	4,988.85	4,954.66	4,810.41	20.50	21.61	134.16	-892.10	511.08	1,868.34	1,841.60	26.74	69.867		
5,143.15	5,032.00	5,069.44	4,924.81	20.54	21.83	134.24	-900.10	515.53	1,872.02	1,844.99	27.03	69.262		
5,200.00	5,088.85	5,221.57	5,076.84	20.60	22.04	134.28	-904.52	517.99	1,873.83	1,846.46	27.37	68.461		
5,300.00	5,188.85	5,333.58	5,188.85	20.72	22.15	134.28	-904.57	518.02	1,873.85	1,846.14	27.72	67.610		
5,400.00	5,288.85	5,433.58	5,288.85	20.84	22.25	134.28	-904.57	518.02	1,873.85	1,845.81	28.04	66.829		
5,500.00	5,388.85	5,533.58	5,388.85	20.96	22.35	134.28	-904.57	518.02	1,873.85	1,845.48	28.37	66.058		
5,600.00	5,488.85	5,633.58	5,488.85	21.09	22.45	134.28	-904.57	518.02	1,873.85	1,845.15	28.70	65.297		
5,700.00	5,588.85	5,733.58	5,588.85	21.21	22.55	134.28	-904.57	518.02	1,873.85	1,844.82	29.03	64.546		
5,800.00	5,688.85	5,833.58	5,688.85	21.34	22.66	134.28	-904.57	518.02	1,873.85	1,844.48	29.37	63.805		
5,900.00	5,788.85	5,933.58	5,788.85	21.47	22.76	134.28	-904.57	518.02	1,873.85	1,844.14	29.71	63.075		
6,000.00	5,888.85	6,033.58	5,888.85	21.60	22.87	134.28	-904.57	518.02	1,873.85	1,843.80	30.05	62.355		
6,100.00	5,988.85	6,133.58	5,988.85	21.73	22.98	134.28	-904.57	518.02	1,873.85	1,843.45	30.40	61.647		
6,200.00	6,088.85	6,233.58	6,088.85	21.86	23.09	134.28	-904.57	518.02	1,873.85	1,843.11	30.74	60.948		
6,300.00	6,188.85	6,333.58	6,188.85	22.00	23.21	134.28	-904.57	518.02	1,873.85	1,842.76	31.10	60.261		
6,400.00	6,288.85	6,433.58	6,288.85	22.13	23.32	134.28	-904.57	518.02	1,873.85	1,842.40	31.45	59.584		
6,500.00	6,388.85	6,533.58	6,388.85	22.27	23.44	134.28	-904.57	518.02	1,873.85	1,842.05	31.80	58.917		
6,600.00	6,488.85	6,633.58	6,488.85	22.41	23.56	134.28	-904.57	518.02	1,873.85	1,841.69	32.16	58.261		
6,700.00	6,588.85	6,733.58	6,588.85	22.55	23.68	134.28	-904.57	518.02	1,873.85	1,841.33	32.52	57.615		
6,800.00	6,688.85	6,833.58	6,688.85	22.69	23.80	134.28	-904.57	518.02	1,873.85	1,840.97	32.89	56.980		
6,900.00	6,788.85	6,933.58	6,788.85	22.83	23.92	134.28	-904.57	518.02	1,873.85	1,840.60	33.25	56.355		
7,000.00	6,888.85	7,033.58	6,888.85	22.98	24.04	134.28	-904.57	518.02	1,873.85	1,840.23	33.62	55.741		
7,100.00	6,988.85	7,133.58	6,988.85	23.12	24.17	134.28	-904.57	518.02	1,873.85	1,839.86	33.99	55.136		
7,200.00	7,088.85	7,233.58	7,088.85	23.27	24.30	134.28	-904.57	518.02	1,873.85	1,839.49	34.36	54.541		
7,300.00	7,188.85	7,333.58	7,188.85	23.42	24.42	134.28	-904.57	518.02	1,873.85	1,839.12	34.73	53.956		
7,400.00	7,288.85	7,433.58	7,288.85	23.57	24.55	134.28	-904.57	518.02	1,873.85	1,838.75	35.10	53.381		
7,500.00	7,388.85	7,533.58	7,388.85	23.72	24.69	134.28	-904.57	518.02	1,873.85	1,838.37	35.48	52.815		
7,564.32	7,453.17	7,597.90	7,453.17	23.82	24.77	134.28	-904.57	518.02	1,873.85	1,838.13	35.72	52.456		
7,607.65	7,496.50	7,622.73	7,478.00	23.88	24.80	134.28	-904.57	518.02	1,873.94	1,838.09	35.85	52.268		

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 3-34D-12-16 - PT PT 3-34D-12-16 - Design #1														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	119.94	-8.10	14.06	16.23	16.04	0.19	85.448			
100.00	100.00	100.00	100.00	0.09	0.09	119.94	-8.10	14.06	16.23	15.59	0.64	25.379			
200.00	200.00	200.00	200.00	0.32	0.32	119.94	-8.10	14.06	16.23	15.36	0.86	18.779			
250.00	250.00	250.00	250.00	0.43	0.43	119.94	-8.10	14.06	16.23	15.36	0.86	18.779			
300.00	300.00	300.00	300.00	0.54	0.54	121.46	-8.10	14.06	16.16	15.07	1.09	14.860			
350.00	349.98	349.98	349.98	0.66	0.66	126.10	-8.10	14.06	16.02	14.71	1.31	12.226			
381.24	381.20	381.20	381.20	0.73	0.73	130.00	-8.10	14.06	15.98	14.53	1.45	11.019	CC		
400.00	399.95	399.95	399.95	0.77	0.77	132.35	-8.10	14.06	15.99	14.46	1.53	10.423	ES		
500.00	499.89	499.89	499.89	0.99	0.99	144.54	-8.10	14.06	16.51	14.52	1.99	8.311			
600.00	599.83	599.83	599.83	1.22	1.22	155.54	-8.10	14.06	17.71	15.27	2.44	7.259			
700.00	699.77	699.77	699.77	1.45	1.44	164.85	-8.10	14.06	19.47	16.58	2.89	6.732			
800.00	799.71	799.71	799.71	1.68	1.67	172.45	-8.10	14.06	21.65	18.31	3.34	6.476			
850.00	849.68	849.68	849.68	1.80	1.78	175.67	-8.10	14.06	22.87	19.30	3.57	6.406	SF		
900.00	899.65	899.65	899.65	1.90	1.89	177.35	-8.10	14.06	24.33	20.54	3.79	6.425			
1,000.00	999.54	999.54	999.54	2.10	2.12	173.84	-8.10	14.06	28.42	24.22	4.21	6.758			
1,100.00	1,099.21	1,099.72	1,099.72	2.32	2.34	164.44	-7.77	14.16	34.43	29.80	4.63	7.440			
1,200.00	1,198.47	1,200.33	1,200.24	2.55	2.57	150.19	-3.97	15.23	41.38	36.33	5.05	8.200			
1,300.00	1,297.11	1,300.10	1,299.66	2.81	2.80	133.82	3.99	17.47	51.58	46.12	5.46	9.449			
1,400.00	1,394.97	1,398.50	1,397.27	3.12	3.03	119.02	15.92	20.84	67.54	61.65	5.89	11.471			
1,454.55	1,447.95	1,451.42	1,449.52	3.32	3.17	112.38	23.99	23.11	79.07	72.93	6.14	12.873			
1,500.00	1,491.96	1,495.14	1,492.53	3.50	3.29	107.65	31.54	25.24	89.79	83.41	6.38	14.070			
1,600.00	1,588.80	1,590.40	1,585.68	3.91	3.58	99.16	50.71	30.65	115.23	108.25	6.97	16.526			
1,700.00	1,685.63	1,684.14	1,676.45	4.36	3.92	92.46	73.19	36.99	143.22	135.59	7.64	18.751			
1,800.00	1,782.47	1,776.09	1,764.49	4.82	4.30	86.99	98.70	44.18	173.90	165.53	8.37	20.774			
1,900.00	1,879.30	1,866.01	1,849.50	5.29	4.73	82.43	126.91	52.14	207.37	198.21	9.16	22.639			
2,000.00	1,976.14	1,953.70	1,931.22	5.77	5.21	78.60	157.49	60.76	243.70	233.70	9.99	24.391			
2,100.00	2,072.97	2,039.00	2,009.50	6.26	5.74	75.36	190.11	69.96	282.90	272.05	10.85	26.072			
2,200.00	2,169.81	2,121.78	2,084.20	6.76	6.30	72.61	224.42	79.64	324.96	313.24	11.73	27.711			
2,300.00	2,266.64	2,200.00	2,153.57	7.26	6.88	70.39	259.20	89.45	369.85	357.25	12.60	29.356			
2,400.00	2,363.48	2,280.37	2,223.52	7.77	7.54	68.21	297.28	100.19	417.45	403.94	13.51	30.900			
2,500.00	2,460.31	2,365.86	2,297.34	8.28	8.27	66.09	338.78	111.89	466.55	452.10	14.45	32.286			
2,600.00	2,557.15	2,451.36	2,371.17	8.79	9.01	64.35	380.28	123.59	516.20	500.81	15.38	33.558			
2,700.00	2,653.98	2,536.85	2,445.00	9.30	9.76	62.91	421.78	135.30	566.24	549.93	16.31	34.716			
2,800.00	2,750.82	2,622.35	2,518.82	9.82	10.53	61.70	463.28	147.00	616.58	599.35	17.24	35.770			
2,900.00	2,847.65	2,707.85	2,592.65	10.34	11.30	60.66	504.78	158.70	667.16	649.00	18.16	36.731			
3,000.00	2,944.49	2,793.34	2,666.47	10.86	12.08	59.76	546.28	170.41	717.92	698.83	19.09	37.607			
3,100.00	3,041.33	2,878.84	2,740.30	11.38	12.86	58.99	587.78	182.11	768.83	748.82	20.02	38.408			
3,200.00	3,138.16	2,964.33	2,814.13	11.90	13.64	58.30	629.28	193.81	819.87	798.92	20.94	39.144			
3,300.00	3,235.00	3,049.83	2,887.95	12.42	14.43	57.69	670.78	205.52	871.00	849.12	21.87	39.821			
3,400.00	3,331.83	3,135.32	2,961.78	12.94	15.23	57.15	712.28	217.22	922.21	899.41	22.80	40.445			
3,500.00	3,428.67	3,220.82	3,035.60	13.47	16.02	56.67	753.78	228.92	973.49	949.76	23.73	41.023			
3,600.00	3,525.50	3,306.31	3,109.43	13.99	16.82	56.23	795.28	240.63	1,024.83	1,000.17	24.66	41.558			
3,700.00	3,622.34	3,391.81	3,183.26	14.51	17.62	55.83	836.78	252.33	1,076.23	1,050.63	25.59	42.054			
3,800.00	3,719.17	3,477.30	3,257.08	15.04	18.42	55.47	878.28	264.03	1,127.66	1,101.14	26.52	42.516			
3,900.00	3,816.01	3,562.80	3,330.91	15.56	19.22	55.14	919.78	275.74	1,179.14	1,151.68	27.46	42.947			
4,000.00	3,912.84	3,648.29	3,404.73	16.09	20.02	54.84	961.28	287.44	1,230.64	1,202.26	28.39	43.350			
4,100.00	4,009.68	3,733.79	3,478.56	16.62	20.83	54.56	1,002.77	299.15	1,282.18	1,252.86	29.32	43.727			
4,200.00	4,106.51	3,819.28	3,552.39	17.14	21.63	54.30	1,044.27	310.85	1,333.74	1,303.49	30.26	44.081			
4,300.00	4,203.35	3,904.78	3,626.21	17.67	22.44	54.06	1,085.77	322.55	1,385.33	1,354.14	31.19	44.414			
4,400.00	4,300.19	3,990.28	3,700.04	18.20	23.25	53.84	1,127.27	334.26	1,436.94	1,404.81	32.13	44.727			
4,500.00	4,397.02	4,075.77	3,773.86	18.72	24.05	53.63	1,168.77	345.96	1,488.56	1,455.50	33.06	45.023			
4,565.04	4,460.00	4,131.37	3,821.88	19.07	24.58	53.51	1,195.76	353.57	1,522.14	1,488.47	33.67	45.206			

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 3-34D-12-16 - PT PT 3-34D-12-16 - Design #1														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			
4,600.00	4,493.92	4,161.30	3,847.72	19.23	24.86	53.43	1,210.29	357.67	1,540.11	1,506.03	34.08	45.185			
4,700.00	4,591.61	4,247.26	3,921.95	19.59	25.68	53.12	1,252.01	369.43	1,590.55	1,555.37	35.18	45.216			
4,800.00	4,690.13	4,333.62	3,996.52	19.90	26.49	52.68	1,293.93	381.26	1,639.53	1,603.33	36.20	45.289			
4,900.00	4,789.31	4,420.22	4,071.30	20.15	27.31	52.11	1,335.97	393.11	1,687.05	1,649.89	37.15	45.406			
5,000.00	4,888.94	4,506.89	4,146.14	20.35	28.14	51.44	1,378.04	404.98	1,733.11	1,695.08	38.03	45.572			
5,100.00	4,988.85	4,593.47	4,220.90	20.50	28.96	50.66	1,420.06	416.83	1,777.75	1,738.93	38.83	45.789			
5,143.15	5,032.00	4,630.76	4,253.10	20.54	29.31	50.29	1,438.16	421.93	1,796.59	1,757.45	39.14	45.899			
5,200.00	5,088.85	4,759.18	4,365.43	20.60	30.31	49.08	1,498.05	438.82	1,820.50	1,780.88	39.63	45.939			
5,300.00	5,188.85	5,059.51	4,640.35	20.72	32.15	46.94	1,613.89	471.49	1,855.32	1,814.78	40.54	45.766			
5,400.00	5,288.85	5,391.07	4,959.19	20.84	33.64	45.50	1,700.40	495.89	1,879.01	1,837.64	41.37	45.418			
5,500.00	5,388.85	5,743.40	5,308.41	20.96	34.50	44.83	1,742.83	507.85	1,889.98	1,847.96	42.03	44.973			
5,600.00	5,488.85	5,923.89	5,488.85	21.09	34.67	44.79	1,745.45	508.59	1,890.65	1,848.30	42.35	44.648			
5,700.00	5,588.85	6,023.89	5,588.85	21.21	34.74	44.79	1,745.45	508.59	1,890.65	1,848.06	42.58	44.399			
5,800.00	5,688.85	6,123.89	5,688.85	21.34	34.81	44.79	1,745.45	508.59	1,890.65	1,847.82	42.82	44.150			
5,900.00	5,788.85	6,223.89	5,788.85	21.47	34.88	44.79	1,745.45	508.59	1,890.65	1,847.58	43.07	43.900			
6,000.00	5,888.85	6,323.89	5,888.85	21.60	34.96	44.79	1,745.45	508.59	1,890.65	1,847.33	43.31	43.650			
6,100.00	5,988.85	6,423.89	5,988.85	21.73	35.03	44.79	1,745.45	508.59	1,890.65	1,847.08	43.56	43.399			
6,200.00	6,088.85	6,523.89	6,088.85	21.86	35.11	44.79	1,745.45	508.59	1,890.65	1,846.83	43.82	43.148			
6,300.00	6,188.85	6,623.89	6,188.85	22.00	35.19	44.79	1,745.45	508.59	1,890.65	1,846.57	44.07	42.897			
6,400.00	6,288.85	6,723.89	6,288.85	22.13	35.27	44.79	1,745.45	508.59	1,890.65	1,846.31	44.33	42.646			
6,500.00	6,388.85	6,823.89	6,388.85	22.27	35.35	44.79	1,745.45	508.59	1,890.65	1,846.05	44.60	42.395			
6,600.00	6,488.85	6,923.89	6,488.85	22.41	35.43	44.79	1,745.45	508.59	1,890.65	1,845.78	44.86	42.144			
6,700.00	6,588.85	7,023.89	6,588.85	22.55	35.51	44.79	1,745.45	508.59	1,890.65	1,845.52	45.13	41.894			
6,800.00	6,688.85	7,123.89	6,688.85	22.69	35.60	44.79	1,745.45	508.59	1,890.65	1,845.25	45.40	41.643			
6,900.00	6,788.85	7,223.89	6,788.85	22.83	35.68	44.79	1,745.45	508.59	1,890.65	1,844.97	45.68	41.393			
7,000.00	6,888.85	7,323.89	6,888.85	22.98	35.77	44.79	1,745.45	508.59	1,890.65	1,844.69	45.95	41.144			
7,100.00	6,988.85	7,423.89	6,988.85	23.12	35.86	44.79	1,745.45	508.59	1,890.65	1,844.41	46.23	40.895			
7,200.00	7,088.85	7,523.89	7,088.85	23.27	35.94	44.79	1,745.45	508.59	1,890.65	1,844.13	46.51	40.647			
7,300.00	7,188.85	7,623.89	7,188.85	23.42	36.03	44.79	1,745.45	508.59	1,890.65	1,843.85	46.80	40.400			
7,400.00	7,288.85	7,723.89	7,288.85	23.57	36.13	44.79	1,745.45	508.59	1,890.65	1,843.56	47.09	40.153			
7,500.00	7,388.85	7,823.89	7,388.85	23.72	36.22	44.79	1,745.45	508.59	1,890.65	1,843.27	47.38	39.908			
7,607.65	7,496.50	7,931.54	7,496.50	23.88	36.32	44.79	1,745.45	508.59	1,890.65	1,842.96	47.69	39.644			

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 4-34D-12-16 - PT PT UF 4-34D-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		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)	Ellipses (ft)				
0.00	0.00	0.00	0.00	0.00	0.00	119.92	-4.05	7.03	8.11	7.92	0.19	42.718		
100.00	100.00	100.00	100.00	0.09	0.09	119.92	-4.05	7.03	8.11	7.47	0.64	12.688		
200.00	200.00	200.00	200.00	0.32	0.32	119.92	-4.05	7.03	8.11	7.25	0.86	9.388		
250.00	250.00	250.00	250.00	0.43	0.43	119.92	-4.05	7.03	8.11	7.25	0.86	9.388		
300.00	300.00	300.00	300.00	0.54	0.54	122.98	-4.05	7.03	8.05	6.96	1.09	7.402		
340.22	340.20	340.20	340.20	0.63	0.63	130.01	-4.05	7.03	7.99	6.72	1.27	6.307 CC		
350.00	349.98	349.98	349.98	0.66	0.66	132.34	-4.05	7.03	7.99	6.68	1.31	6.103 ES		
400.00	399.95	399.95	399.95	0.77	0.77	144.53	-4.05	7.03	8.25	6.72	1.53	5.376		
500.00	499.89	499.89	499.89	0.99	0.99	164.84	-4.05	7.03	9.73	7.75	1.99	4.899 SF		
600.00	599.83	599.83	599.83	1.22	1.22	178.57	-4.05	7.03	12.07	9.63	2.44	4.952		
700.00	699.77	699.77	699.77	1.45	1.44	-172.50	-4.05	7.03	14.87	11.98	2.89	5.149		
800.00	799.71	799.71	799.71	1.68	1.67	-166.49	-4.05	7.03	17.91	14.57	3.34	5.367		
850.00	849.68	849.68	849.68	1.80	1.78	-164.20	-4.05	7.03	19.49	15.93	3.56	5.471		
900.00	899.65	899.65	899.65	1.90	1.89	-163.74	-4.05	7.03	21.09	17.31	3.78	5.582		
1,000.00	999.54	999.54	999.54	2.10	2.12	-170.66	-4.05	7.03	24.53	20.33	4.20	5.841		
1,100.00	1,099.21	1,099.68	1,099.68	2.32	2.34	176.15	-3.74	6.88	29.20	24.58	4.63	6.313		
1,200.00	1,198.47	1,200.61	1,200.52	2.55	2.57	161.86	-0.15	5.18	33.79	28.74	5.05	6.693		
1,300.00	1,297.11	1,301.61	1,301.16	2.81	2.80	146.56	7.45	1.58	38.82	33.36	5.46	7.109		
1,400.00	1,394.97	1,402.49	1,401.21	3.12	3.05	130.86	19.03	-3.92	45.73	39.87	5.86	7.802		
1,454.55	1,447.95	1,457.40	1,455.41	3.32	3.19	122.65	27.00	-7.70	50.77	44.68	6.09	8.335		
1,500.00	1,491.96	1,503.12	1,500.36	3.50	3.32	116.29	34.53	-11.28	55.35	49.03	6.31	8.766		
1,600.00	1,588.80	1,603.67	1,598.58	3.91	3.64	103.57	53.94	-20.49	65.11	58.22	6.90	9.437		
1,700.00	1,685.63	1,703.84	1,695.40	4.36	4.02	91.70	77.12	-31.49	74.99	67.33	7.65	9.796		
1,800.00	1,782.47	1,803.25	1,790.29	4.82	4.46	80.40	103.88	-44.20	85.91	77.31	8.61	9.983		
1,900.00	1,879.30	1,901.55	1,882.77	5.29	4.97	69.83	133.97	-58.48	98.94	89.21	9.73	10.173		
2,000.00	1,976.14	1,998.40	1,972.39	5.77	5.55	60.31	167.10	-74.20	114.99	104.05	10.94	10.513		
2,100.00	2,072.97	2,093.49	2,058.81	6.26	6.21	52.00	202.92	-91.21	134.71	122.55	12.16	11.078		
2,200.00	2,169.81	2,186.55	2,141.73	6.76	6.93	44.96	241.09	-109.32	158.47	145.13	13.34	11.879		
2,300.00	2,266.64	2,278.04	2,221.54	7.26	7.71	39.00	281.49	-128.50	186.31	171.86	14.45	12.893		
2,400.00	2,363.48	2,371.43	2,302.42	7.77	8.55	34.05	323.67	-148.52	216.82	201.31	15.51	13.979		
2,500.00	2,460.31	2,464.81	2,383.29	8.28	9.41	30.27	365.84	-168.53	248.74	232.21	16.53	15.051		
2,600.00	2,557.15	2,558.19	2,464.17	8.79	10.28	27.31	408.02	-188.55	281.58	264.06	17.52	16.073		
2,700.00	2,653.98	2,651.58	2,545.04	9.30	11.17	24.94	450.20	-208.57	315.06	296.56	18.50	17.028		
2,800.00	2,750.82	2,744.96	2,625.92	9.82	12.06	23.01	492.37	-228.59	349.00	329.52	19.48	17.915		
2,900.00	2,847.65	2,838.35	2,706.79	10.34	12.96	21.41	534.55	-248.61	383.27	362.81	20.46	18.734		
3,000.00	2,944.49	2,931.73	2,787.67	10.86	13.87	20.06	576.73	-268.63	417.79	396.36	21.44	19.490		
3,100.00	3,041.33	3,025.11	2,868.55	11.38	14.78	18.91	618.91	-288.65	452.51	430.09	22.42	20.188		
3,200.00	3,138.16	3,118.50	2,949.42	11.90	15.70	17.92	661.08	-308.67	487.38	463.98	23.40	20.831		
3,300.00	3,235.00	3,211.88	3,030.30	12.42	16.62	17.06	703.26	-328.69	522.37	497.99	24.38	21.427		
3,400.00	3,331.83	3,305.26	3,111.17	12.94	17.54	16.30	745.44	-348.71	557.46	532.09	25.36	21.978		
3,500.00	3,428.67	3,398.65	3,192.05	13.47	18.46	15.64	787.61	-368.73	592.63	566.28	26.35	22.489		
3,600.00	3,525.50	3,492.03	3,272.92	13.99	19.39	15.04	829.79	-388.75	627.87	600.53	27.34	22.964		
3,700.00	3,622.34	3,585.41	3,353.80	14.51	20.31	14.51	871.97	-408.76	663.16	634.83	28.33	23.407		
3,800.00	3,719.17	3,678.80	3,434.67	15.04	21.24	14.03	914.15	-428.78	698.51	669.18	29.32	23.820		
3,900.00	3,816.01	3,772.18	3,515.55	15.56	22.17	13.59	956.32	-448.80	733.89	703.57	30.32	24.206		
4,000.00	3,912.84	3,865.56	3,596.42	16.09	23.10	13.19	998.50	-468.82	769.31	738.00	31.31	24.567		
4,100.00	4,009.68	3,958.95	3,677.30	16.62	24.03	12.83	1,040.68	-488.84	804.76	772.45	32.31	24.906		
4,200.00	4,106.51	4,052.33	3,758.17	17.14	24.96	12.50	1,082.85	-508.86	840.24	806.93	33.31	25.225		
4,300.00	4,203.35	4,145.72	3,839.05	17.67	25.90	12.20	1,125.03	-528.88	875.74	841.44	34.31	25.525		
4,400.00	4,300.19	4,239.10	3,919.92	18.20	26.83	11.91	1,167.21	-548.90	911.27	875.96	35.31	25.808		
4,500.00	4,397.02	4,332.48	4,000.80	18.72	27.77	11.65	1,209.39	-568.92	946.81	910.50	36.31	26.075		
4,565.04	4,460.00	4,393.22	4,053.40	19.07	28.37	11.49	1,236.82	-581.94	969.93	932.97	36.96	26.240		

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PETERS POINT UF 4-34D-12-16 - PT PT UF 4-34D-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		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)				
4,600.00	4,493.92	4,425.82	4,081.64	19.23	28.70	11.39	1,251.54	-588.93	982.45	945.08	37.36	26.294		
4,700.00	4,591.61	4,518.57	4,161.96	19.59	29.63	10.96	1,293.43	-608.81	1,019.13	980.75	38.38	26.552		
4,800.00	4,690.13	4,610.41	4,241.50	19.90	30.55	10.33	1,334.91	-628.50	1,057.15	1,017.85	39.30	26.901		
4,900.00	4,789.31	4,701.16	4,320.10	20.15	31.46	9.51	1,375.90	-647.95	1,096.54	1,056.43	40.11	27.336		
5,000.00	4,888.94	4,790.66	4,397.61	20.35	32.36	8.54	1,416.33	-667.14	1,137.38	1,096.54	40.83	27.854		
5,100.00	4,988.85	4,895.41	4,488.47	20.50	33.37	7.19	1,463.40	-689.48	1,179.59	1,138.13	41.46	28.452		
5,143.15	5,032.00	4,965.29	4,550.06	20.54	33.90	6.28	1,493.23	-703.64	1,197.32	1,155.68	41.64	28.751		
5,200.00	5,088.85	5,060.45	4,635.49	20.60	34.59	5.16	1,531.09	-721.61	1,219.34	1,177.67	41.67	29.260		
5,300.00	5,188.85	5,237.02	4,798.29	20.72	35.72	3.49	1,592.72	-750.87	1,253.58	1,211.79	41.79	29.997		
5,400.00	5,288.85	5,424.37	4,976.23	20.84	36.70	2.19	1,645.53	-775.93	1,281.41	1,239.44	41.98	30.528		
5,500.00	5,388.85	5,620.81	5,167.28	20.96	37.48	1.25	1,686.62	-795.43	1,302.16	1,259.95	42.21	30.846		
5,600.00	5,488.85	5,823.96	5,368.19	21.09	38.03	0.67	1,713.40	-808.15	1,315.29	1,272.79	42.49	30.952		
5,700.00	5,588.85	6,030.87	5,574.69	21.21	38.32	0.45	1,724.06	-813.20	1,320.42	1,277.62	42.80	30.848		
5,800.00	5,688.85	6,145.03	5,688.85	21.34	38.40	0.44	1,724.21	-813.27	1,320.49	1,277.44	43.06	30.668		
5,900.00	5,788.85	6,245.03	5,788.85	21.47	38.47	0.44	1,724.21	-813.27	1,320.49	1,277.19	43.31	30.492		
6,000.00	5,888.85	6,345.03	5,888.85	21.60	38.54	0.44	1,724.21	-813.27	1,320.49	1,276.94	43.56	30.316		
6,100.00	5,988.85	6,445.03	5,988.85	21.73	38.61	0.44	1,724.21	-813.27	1,320.49	1,276.68	43.81	30.140		
6,200.00	6,088.85	6,545.03	6,088.85	21.86	38.68	0.44	1,724.21	-813.27	1,320.49	1,276.42	44.07	29.964		
6,300.00	6,188.85	6,645.03	6,188.85	22.00	38.75	0.44	1,724.21	-813.27	1,320.49	1,276.16	44.33	29.788		
6,400.00	6,288.85	6,745.03	6,288.85	22.13	38.83	0.44	1,724.21	-813.27	1,320.49	1,275.90	44.59	29.611		
6,500.00	6,388.85	6,845.03	6,388.85	22.27	38.90	0.44	1,724.21	-813.27	1,320.49	1,275.63	44.86	29.435		
6,600.00	6,488.85	6,945.03	6,488.85	22.41	38.98	0.44	1,724.21	-813.27	1,320.49	1,275.36	45.13	29.259		
6,700.00	6,588.85	7,045.03	6,588.85	22.55	39.05	0.44	1,724.21	-813.27	1,320.49	1,275.09	45.40	29.084		
6,800.00	6,688.85	7,145.03	6,688.85	22.69	39.13	0.44	1,724.21	-813.27	1,320.49	1,274.82	45.68	28.909		
6,900.00	6,788.85	7,245.03	6,788.85	22.83	39.21	0.44	1,724.21	-813.27	1,320.49	1,274.54	45.96	28.734		
7,000.00	6,888.85	7,345.03	6,888.85	22.98	39.29	0.44	1,724.21	-813.27	1,320.49	1,274.26	46.24	28.559		
7,100.00	6,988.85	7,445.03	6,988.85	23.12	39.37	0.44	1,724.21	-813.27	1,320.49	1,273.97	46.52	28.385		
7,200.00	7,088.85	7,545.03	7,088.85	23.27	39.46	0.44	1,724.21	-813.27	1,320.49	1,273.69	46.81	28.212		
7,300.00	7,188.85	7,645.03	7,188.85	23.42	39.54	0.44	1,724.21	-813.27	1,320.49	1,273.40	47.09	28.039		
7,400.00	7,288.85	7,745.03	7,288.85	23.57	39.63	0.44	1,724.21	-813.27	1,320.49	1,273.11	47.39	27.867		
7,500.00	7,388.85	7,845.03	7,388.85	23.72	39.71	0.44	1,724.21	-813.27	1,320.49	1,272.82	47.68	27.696		
7,607.65	7,496.50	7,952.68	7,496.50	23.88	39.81	0.44	1,724.21	-813.27	1,320.49	1,272.50	48.00	27.512		



# Weatherford International Ltd.

## Anticollision Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** PETERS POINT 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PT PT UF 2-34D-12-16 - PT PT 2-34D-12-16 - PT PT 2-34D-12-16													Offset Site Error:	0.00 ft
Survey Program: 115-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	0.50	0.00	0.00	0.00	-121.25	-8.80	-14.50	16.97					
100.00	100.00	100.43	99.93	0.09	0.10	-121.69	-9.02	-14.60	17.16	16.97	0.19	89.678		
200.00	200.00	200.54	200.04	0.32	0.29	-121.18	-8.96	-14.81	17.31	16.71	0.61	28.608		
250.00	250.00	250.73	250.23	0.43	0.39	-119.67	-8.39	-14.72	16.94	16.12	0.82	20.602		
300.00	300.00	300.93	300.42	0.54	0.50	-118.26	-7.42	-14.15	16.38	15.35	1.04	15.788		
350.00	349.98	351.19	350.64	0.66	0.61	-116.93	-5.87	-13.06	15.92	14.66	1.26	12.640		
400.00	399.95	401.42	400.79	0.77	0.72	-114.54	-3.58	-11.45	15.07	13.59	1.48	10.173		
500.00	499.89	501.66	500.68	0.99	0.96	-100.43	3.27	-6.82	11.52	9.57	1.95	5.919		
585.66	585.50	587.12	585.58	1.19	1.20	-64.00	11.65	-1.82	9.16	6.78	2.38	3.844 CC, ES		
600.00	599.83	601.40	599.74	1.22	1.24	-55.93	13.20	-0.93	9.25	6.79	2.46	3.761 SF		
700.00	699.77	700.90	698.41	1.45	1.54	-13.75	24.25	5.65	14.03	11.09	2.93	4.784		
800.00	799.71	800.08	796.50	1.68	1.86	6.00	36.56	13.65	23.54	20.16	3.37	6.978		
850.00	849.68	849.64	845.46	1.80	2.02	11.13	42.95	17.89	29.10	25.50	3.60	8.089		
900.00	899.65	899.07	894.26	1.90	2.19	15.38	49.55	22.11	35.00	31.19	3.81	9.185		
1,000.00	999.54	997.44	991.28	2.10	2.53	23.56	63.76	30.02	48.28	44.06	4.22	11.432		
1,100.00	1,099.21	1,095.38	1,087.69	2.32	2.88	31.89	78.91	38.22	64.07	59.41	4.66	13.752		
1,200.00	1,198.47	1,190.19	1,180.67	2.55	3.26	40.70	94.36	48.40	84.28	79.13	5.15	16.373		
1,300.00	1,297.11	1,280.52	1,268.46	2.81	3.67	48.76	110.97	61.64	111.90	106.20	5.70	19.641		
1,400.00	1,394.97	1,366.69	1,351.15	3.12	4.12	55.26	129.04	77.72	147.70	141.41	6.29	23.479		
1,454.55	1,447.95	1,412.32	1,394.49	3.32	4.38	58.25	139.26	87.68	170.48	163.85	6.63	25.719		
1,500.00	1,491.96	1,449.84	1,429.93	3.50	4.60	60.36	147.95	96.42	190.70	183.78	6.92	27.542		
1,600.00	1,588.80	1,529.59	1,504.61	3.91	5.11	63.81	167.27	116.64	237.94	230.37	7.57	31.415		
1,700.00	1,685.63	1,605.84	1,575.01	4.36	5.64	66.17	187.08	138.20	288.77	280.54	8.23	35.089		
1,800.00	1,782.47	1,679.16	1,641.70	4.82	6.19	67.88	207.29	160.98	342.77	333.89	8.88	38.598		
1,900.00	1,879.30	1,750.68	1,705.77	5.29	6.78	69.07	228.39	184.77	399.46	389.92	9.54	41.874		
2,000.00	1,976.14	1,820.97	1,767.74	5.77	7.40	69.86	250.73	209.29	458.39	448.19	10.21	44.911		
2,100.00	2,072.97	1,891.68	1,829.14	6.26	8.05	70.31	274.89	234.71	519.12	508.24	10.88	47.699		
2,200.00	2,169.81	1,964.93	1,892.15	6.76	8.75	70.50	301.01	261.40	580.84	569.26	11.58	50.168		
2,300.00	2,266.64	2,037.40	1,954.01	7.26	9.46	70.60	327.75	288.05	643.31	631.03	12.28	52.381		
2,400.00	2,363.48	2,116.99	2,021.59	7.77	10.23	70.46	357.96	317.28	706.16	693.14	13.01	54.263		
2,500.00	2,460.31	2,195.49	2,088.31	8.28	10.97	70.32	388.12	345.59	768.65	754.92	13.74	55.949		
2,600.00	2,557.15	2,271.43	2,152.94	8.79	11.67	70.32	416.53	373.56	831.37	816.91	14.46	57.513		
2,700.00	2,653.98	2,351.01	2,220.67	9.30	12.42	70.26	446.30	402.86	894.08	878.89	15.19	58.857		
2,800.00	2,750.82	2,437.14	2,294.17	9.82	13.21	70.09	478.56	434.11	956.36	940.41	15.95	59.949		
2,900.00	2,847.65	2,519.09	2,364.33	10.34	13.94	70.01	509.11	463.42	1,018.17	1,001.48	16.70	60.973		
3,000.00	2,944.49	2,628.51	2,458.79	10.86	14.91	69.58	549.19	501.41	1,078.94	1,061.39	17.55	61.479		
3,100.00	3,041.33	2,698.88	2,519.98	11.38	15.55	69.70	574.50	525.21	1,138.66	1,120.40	18.27	62.340		
3,200.00	3,138.16	2,783.81	2,593.55	11.90	16.33	69.62	605.45	554.24	1,198.87	1,179.82	19.05	62.948		
3,300.00	3,235.00	2,876.77	2,674.47	12.42	17.17	69.44	639.31	585.01	1,258.17	1,238.32	19.86	63.365		
3,400.00	3,331.83	2,951.37	2,739.60	12.94	17.83	69.49	666.28	609.45	1,317.11	1,296.51	20.59	63.956		
3,500.00	3,428.67	3,017.00	2,796.52	13.47	18.43	69.64	690.06	631.83	1,377.11	1,355.81	21.30	64.650		
3,600.00	3,525.50	3,087.62	2,857.52	13.99	19.11	69.73	715.77	656.46	1,437.82	1,415.78	22.04	65.249		
3,700.00	3,622.34	3,157.96	2,918.16	14.51	19.79	69.81	741.59	681.01	1,498.70	1,475.93	22.77	65.813		
3,800.00	3,719.17	3,248.58	2,995.98	15.04	20.66	69.68	775.27	712.96	1,560.12	1,536.53	23.59	66.136		
3,900.00	3,816.01	3,364.25	3,096.84	15.56	21.70	69.38	816.54	751.72	1,619.30	1,594.81	24.49	66.108		
4,000.00	3,912.84	3,436.85	3,160.45	16.09	22.34	69.47	841.79	775.96	1,678.20	1,652.98	25.22	66.534		
4,100.00	4,009.68	3,496.00	3,212.14	16.62	22.87	69.69	861.99	796.43	1,737.86	1,711.96	25.90	67.096		
4,200.00	4,106.51	3,562.74	3,270.20	17.14	23.51	69.85	884.81	820.16	1,798.29	1,771.67	26.62	67.564		
4,300.00	4,203.35	3,625.32	3,324.31	17.67	24.11	70.02	906.62	842.77	1,859.45	1,832.13	27.31	68.078		
4,400.00	4,300.19	3,688.00	3,378.20	18.20	24.72	70.16	928.88	865.78	1,921.32	1,893.31	28.01	68.593		
4,500.00	4,397.02	3,817.96	3,490.77	18.72	25.94	69.86	974.14	912.35	1,982.06	1,953.08	28.98	68.405		
4,565.04	4,460.00	3,869.69	3,535.82	19.07	26.41	69.89	991.92	930.51	2,021.16	1,991.69	29.47	68.586		

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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 6-34D PAD - PT PT UF 2-34D-12-16 - PT PT 2-34D-12-16 - PT PT 2-34D-12-16													Offset Site Error:	0.00 ft
Survey Program: 115-MVD													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)				
4,600.00	4,493.92	3,892.04	3,555.28	19.23	26.62	69.93	999.60	938.39	2,042.08	2,012.26	29.82	68.472		
4,700.00	4,591.61	3,956.14	3,610.97	19.59	27.23	70.00	1,021.49	961.39	2,100.86	2,070.09	30.77	68.275		
4,800.00	4,690.13	4,044.49	3,687.67	19.90	28.05	69.86	1,051.06	993.74	2,157.69	2,125.93	31.75	67.953		
4,900.00	4,789.31	4,120.56	3,753.95	20.15	28.76	69.72	1,075.81	1,021.69	2,211.84	2,179.22	32.62	67.806		
5,000.00	4,888.94	4,185.46	3,810.25	20.35	29.38	69.56	1,097.15	1,045.93	2,264.15	2,230.78	33.38	67.839		
5,100.00	4,988.85	4,246.24	3,862.66	20.50	29.98	69.33	1,117.45	1,069.06	2,314.78	2,280.73	34.05	67.987		
5,143.15	5,032.00	4,265.00	3,878.77	20.54	30.16	69.24	1,123.79	1,076.29	2,336.13	2,301.85	34.28	68.142		
5,200.00	5,088.85	4,304.39	3,912.47	20.60	30.57	69.04	1,137.19	1,091.66	2,364.22	2,329.70	34.52	68.494		
5,300.00	5,188.85	4,362.00	3,961.47	20.72	31.15	68.76	1,156.94	1,114.63	2,414.54	2,379.65	34.89	69.210		
5,400.00	5,288.85	4,427.58	4,016.91	20.84	31.84	68.45	1,179.76	1,141.22	2,465.78	2,430.48	35.29	69.865		
5,500.00	5,388.85	4,519.68	4,094.51	20.96	32.79	68.01	1,212.24	1,178.70	2,517.47	2,481.67	35.80	70.323		
5,600.00	5,488.85	4,622.28	4,181.37	21.09	33.83	67.55	1,248.19	1,219.80	2,568.57	2,532.23	36.34	70.687		
5,700.00	5,588.85	4,699.79	4,247.01	21.21	34.61	67.19	1,275.84	1,250.39	2,619.54	2,582.76	36.78	71.219		
5,800.00	5,688.85	4,779.07	4,313.93	21.34	35.43	66.84	1,304.30	1,281.96	2,671.00	2,633.77	37.24	71.733		
5,900.00	5,788.85	4,945.75	4,455.49	21.47	37.09	66.12	1,364.23	1,346.36	2,721.87	2,683.85	38.01	71.601		
6,000.00	5,888.85	5,111.86	4,599.12	21.60	38.63	65.42	1,423.25	1,405.35	2,769.56	2,730.78	38.78	71.425		
6,100.00	5,988.85	5,355.88	4,814.03	21.73	40.76	64.42	1,508.18	1,483.61	2,814.71	2,774.91	39.80	70.718		
6,200.00	6,088.85	5,525.54	4,967.08	21.86	42.11	63.81	1,562.61	1,532.54	2,855.19	2,814.67	40.52	70.458		
6,300.00	6,188.85	5,651.04	5,081.79	22.00	43.05	63.46	1,598.40	1,568.72	2,894.02	2,852.95	41.07	70.465		
6,400.00	6,288.85	5,811.91	5,230.06	22.13	44.21	63.07	1,641.80	1,613.57	2,931.39	2,889.67	41.71	70.272		
6,500.00	6,388.85	6,043.53	5,446.92	22.27	45.73	62.59	1,698.09	1,672.18	2,964.93	2,922.40	42.53	69.707		
6,600.00	6,488.85	6,202.51	5,597.65	22.41	46.69	62.31	1,732.64	1,709.09	2,995.67	2,952.55	43.12	69.474		
6,700.00	6,588.85	6,360.84	5,748.82	22.55	47.58	62.07	1,764.55	1,743.69	3,024.52	2,980.84	43.69	69.231		
6,800.00	6,688.85	7,219.28	6,592.84	22.69	50.39	61.36	1,861.28	1,844.92	3,042.03	2,996.52	45.51	66.843		
6,900.00	6,788.85	7,329.85	6,703.36	22.83	50.51	61.34	1,863.57	1,847.28	3,044.88	2,999.07	45.81	66.472		
7,000.00	6,888.85	7,431.00	6,804.47	22.98	50.62	61.32	1,865.62	1,849.37	3,047.67	3,001.58	46.09	66.118		
7,100.00	6,988.85	7,532.16	6,905.58	23.12	50.73	61.31	1,867.66	1,851.43	3,050.42	3,004.04	46.38	65.767		
7,200.00	7,088.85	7,633.32	7,006.70	23.27	50.83	61.29	1,869.67	1,853.45	3,053.13	3,006.46	46.67	65.418		
7,300.00	7,188.85	7,734.48	7,107.82	23.42	50.94	61.28	1,871.66	1,855.44	3,055.80	3,008.84	46.96	65.071		
7,400.00	7,288.85	7,835.64	7,208.95	23.57	51.05	61.26	1,873.63	1,857.40	3,058.43	3,011.18	47.25	64.726		
7,500.00	7,388.85	7,936.81	7,310.08	23.72	51.16	61.25	1,875.59	1,859.32	3,061.03	3,013.48	47.54	64.383		
7,607.65	7,496.50	8,045.71	7,418.94	23.88	51.27	61.23	1,877.67	1,861.35	3,063.77	3,015.91	47.86	64.016		

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 6-34D PAD
Site Error: 0.00ft
Reference Well: PETERS POINT UF 5-34D-12-16
Well Error: 0.00ft
Reference Wellbore: PT PT UF 5-34D-12-16
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Database: EDM 2003.21 Single User Db
Offset TVD Reference: Reference Datum

Table with columns: Reference, Offset, Semi Major Axis, Azimuth, Offset Wellbore Centre, Distance, Minimum Separation, Separation Factor, Warning. Rows show depth measurements from 0.00 to 4,600.00 ft.

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 6-34D PAD  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 5-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 5-34D-12-16  
**Reference Design:** Design #2

**Local Co-ordinate Reference:** Well PETERS POINT UF 5-34D-12-16  
**TVD Reference:** WELL KB @ 7235.50ft (Original Well Elev)  
**MD Reference:** WELL KB @ 7235.50ft (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

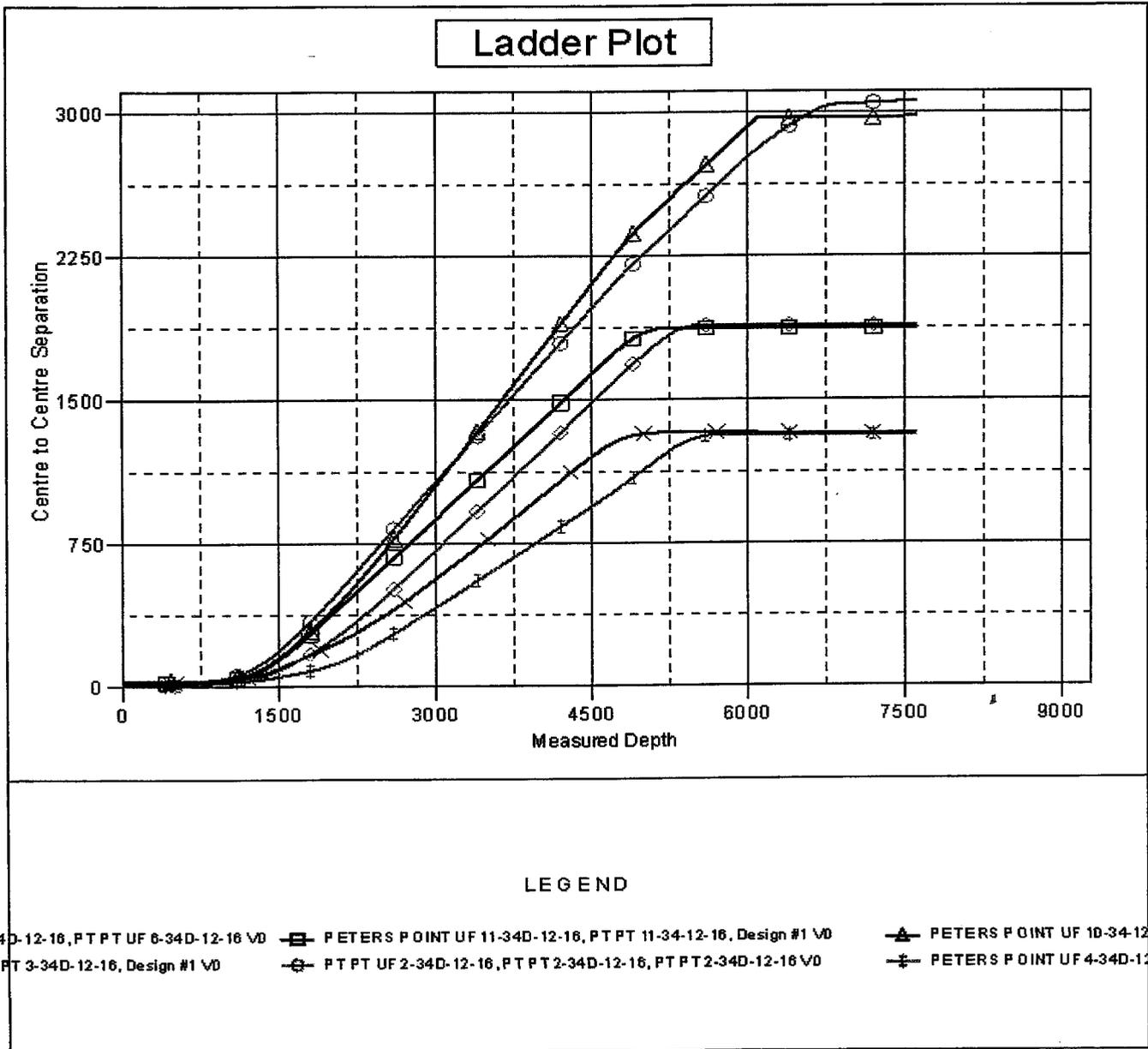
Offset Design PETERS POINT 6-34D PAD - PT PT UF 6-34D-12-16 - PT PT UF 6-34D-12-16 - PT PT UF 6-34D-12-16													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis		Azimuth from North (°)	Offset Wellbore Centre		Distance		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)				
4,700.00	4,591.61	4,536.57	4,433.17	19.59	14.81	85.29	490.39	479.81	1,278.51	1,252.66	25.84	49.469		
4,800.00	4,690.13	4,721.15	4,616.55	19.90	15.32	85.11	504.00	495.06	1,301.98	1,275.37	26.61	48.929		
4,900.00	4,789.31	4,846.55	4,741.76	20.15	15.57	85.23	508.02	500.47	1,317.63	1,290.50	27.13	48.575		
5,000.00	4,888.94	4,980.73	4,875.89	20.35	15.77	85.40	508.42	503.55	1,327.29	1,299.74	27.56	48.168		
5,100.00	4,988.85	5,081.40	4,976.54	20.50	15.89	85.55	506.84	504.66	1,331.83	1,303.98	27.85	47.813		
5,143.15	5,032.00	5,127.80	5,022.94	20.54	15.95	85.60	506.04	505.10	1,332.53	1,304.56	27.97	47.641		
5,200.00	5,088.85	5,187.71	5,082.84	20.60	16.02	85.65	504.95	505.50	1,332.84	1,304.71	28.13	47.381		
5,300.00	5,188.85	5,289.89	5,185.01	20.72	16.13	85.71	503.42	506.00	1,333.22	1,304.80	28.42	46.918		
5,400.00	5,288.85	5,390.08	5,285.18	20.84	16.25	85.78	501.89	506.34	1,333.44	1,304.73	28.70	46.455		
5,500.00	5,388.85	5,491.35	5,386.45	20.96	16.37	85.84	500.62	506.81	1,333.81	1,304.81	29.00	45.997		
5,600.00	5,488.85	5,596.93	5,492.02	21.09	16.49	85.89	499.33	506.73	1,333.64	1,304.34	29.30	45.512		
5,700.00	5,588.85	5,696.96	5,592.04	21.21	16.61	85.95	497.88	506.64	1,333.44	1,303.84	29.60	45.043		
5,800.00	5,688.85	5,795.48	5,690.55	21.34	16.72	86.00	496.70	506.48	1,333.20	1,303.30	29.90	44.585		
5,900.00	5,788.85	5,895.47	5,790.53	21.47	16.85	86.05	495.56	506.50	1,333.15	1,302.94	30.21	44.131		
6,000.00	5,888.85	5,999.80	5,894.85	21.60	16.98	86.11	494.15	506.31	1,332.87	1,302.34	30.53	43.660		
6,100.00	5,988.85	6,103.35	5,998.39	21.73	17.10	86.18	492.59	505.80	1,332.27	1,301.42	30.85	43.189		
6,200.00	6,088.85	6,199.26	6,094.28	21.86	17.22	86.23	491.22	505.29	1,331.65	1,300.49	31.15	42.744		
6,300.00	6,188.85	6,296.91	6,191.93	22.00	17.34	86.29	489.83	505.10	1,331.37	1,299.90	31.46	42.315		
6,361.46	6,250.31	6,355.30	6,250.32	22.08	17.41	86.32	489.14	505.06	1,331.27	1,299.62	31.65	42.058		
6,400.00	6,288.85	6,390.97	6,285.98	22.13	17.46	86.34	488.78	505.12	1,331.32	1,299.54	31.77	41.903		
6,500.00	6,388.85	6,492.33	6,387.34	22.27	17.60	86.37	487.94	505.43	1,331.57	1,299.47	32.10	41.484		
6,600.00	6,488.85	6,598.95	6,493.96	22.41	17.75	86.40	487.36	505.34	1,331.45	1,299.01	32.44	41.040		
6,700.00	6,588.85	6,702.67	6,597.67	22.55	17.89	86.42	486.87	504.81	1,330.92	1,298.13	32.79	40.591		
6,800.00	6,688.85	6,802.38	6,697.38	22.69	18.03	86.44	486.44	504.20	1,330.27	1,297.14	33.13	40.155		
6,900.00	6,788.85	6,904.81	6,799.81	22.83	18.18	86.45	486.11	503.40	1,329.47	1,295.99	33.48	39.709		
7,000.00	6,888.85	7,004.81	6,899.80	22.98	18.33	86.46	485.77	502.59	1,328.64	1,294.81	33.83	39.269		
7,100.00	6,988.85	7,104.81	6,999.80	23.12	18.48	86.47	485.43	501.79	1,327.82	1,293.63	34.19	38.836		
7,200.00	7,088.85	7,204.80	7,099.79	23.27	18.63	86.49	485.10	500.98	1,327.00	1,292.45	34.55	38.412		
7,300.00	7,188.85	7,304.80	7,199.78	23.42	18.78	86.50	484.76	500.18	1,326.17	1,291.27	34.90	37.995		
7,400.00	7,288.85	7,404.79	7,299.77	23.57	18.93	86.51	484.42	499.37	1,325.35	1,290.09	35.26	37.586		
7,500.00	7,388.85	7,504.79	7,399.77	23.72	19.08	86.52	484.09	498.57	1,324.52	1,288.90	35.62	37.184		
7,582.96	7,471.82	7,578.00	7,472.97	23.84	19.19	86.53	483.84	497.98	1,323.88	1,287.97	35.90	36.875		
7,607.65	7,496.50	7,578.00	7,472.97	23.88	19.19	86.53	483.84	497.98	1,324.08	1,288.14	35.95	36.834	I	

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 6-34D PAD  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 5-34D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT UF 5-34D-12-16  
 Reference Design: Design #2

Local Co-ordinate Reference: Well PETERS POINT UF 5-34D-12-16  
 TVD Reference: WELL KB @ 7235.50ft (Original Well Elev)  
 MD Reference: WELL KB @ 7235.50ft (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 KB @ 7235.50ft (Original Well Elev) Coordinates are relative to: PETERS POINT UF 5-34D-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: 0.89°

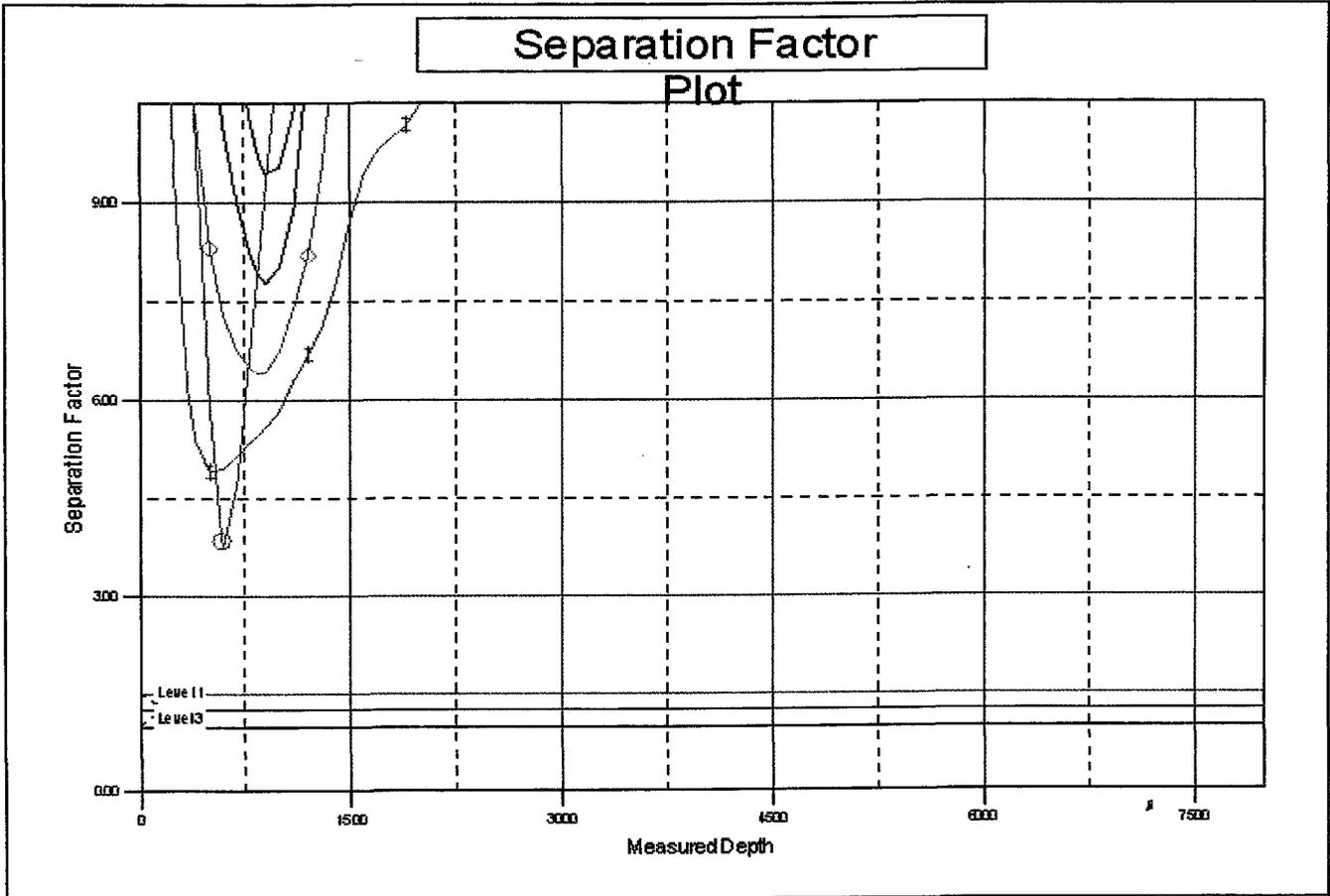




Company: BILL BARRETT CORP
Project: CARBON COUNTY, UT (NAD 27)
Reference Site: PETERS POINT 6-34D PAD
Site Error: 0.00ft
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Offset TVD Reference: Reference Datum

Reference Depths are relative to WELL KB @ 7235.50ft (Original Well Coordinates are relative to: PETERS POINT UF 5-34D-12-16
Offset Depths are relative to Offset Datum
Central Meridian is 111° 30' 0.000 W °
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302
Grid Convergence at Surface is: 0.89°



LEGEND

- 34 D-12-16, PT PT UF 6-34D-12-16 VD
PT PT 3-34D-12-16, Design #1 VD
PETERS POINT UF 11-34D-12-16, PT PT 11-34-12-16, Design #1 VD
PT PT UF 2-34D-12-16, PT PT 2-34D-12-16, PT PT 2-34D-12-16 VD
PETERS POINT UF 10-34-12-1
PETERS POINT UF 4-34D-12-

## 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).

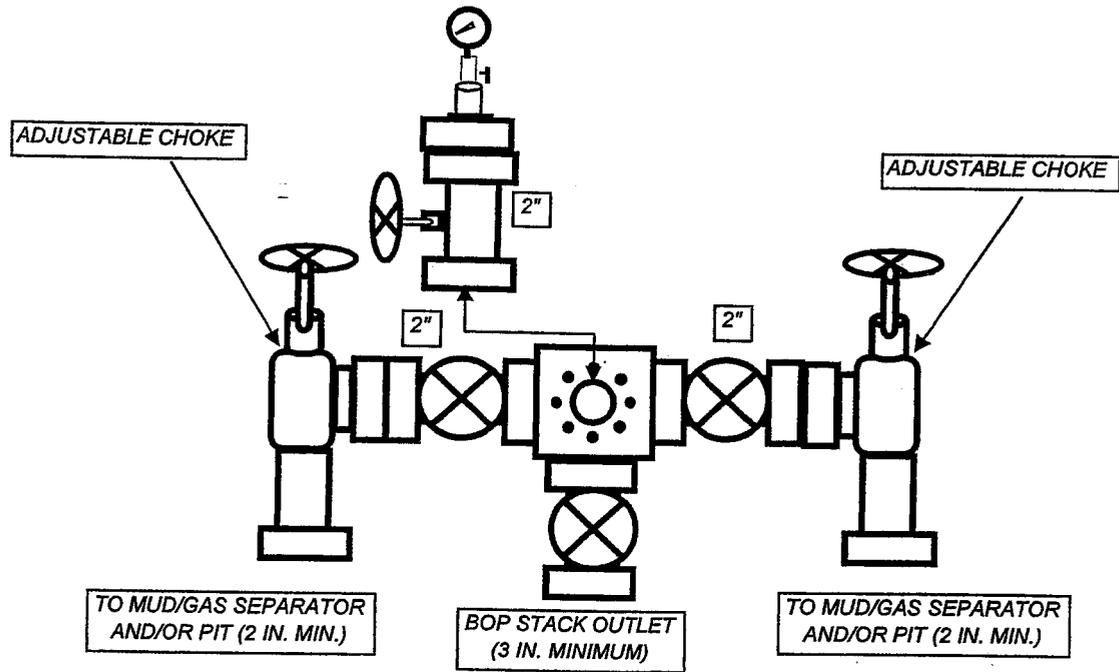
**F. Miscellaneous Information:**

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.

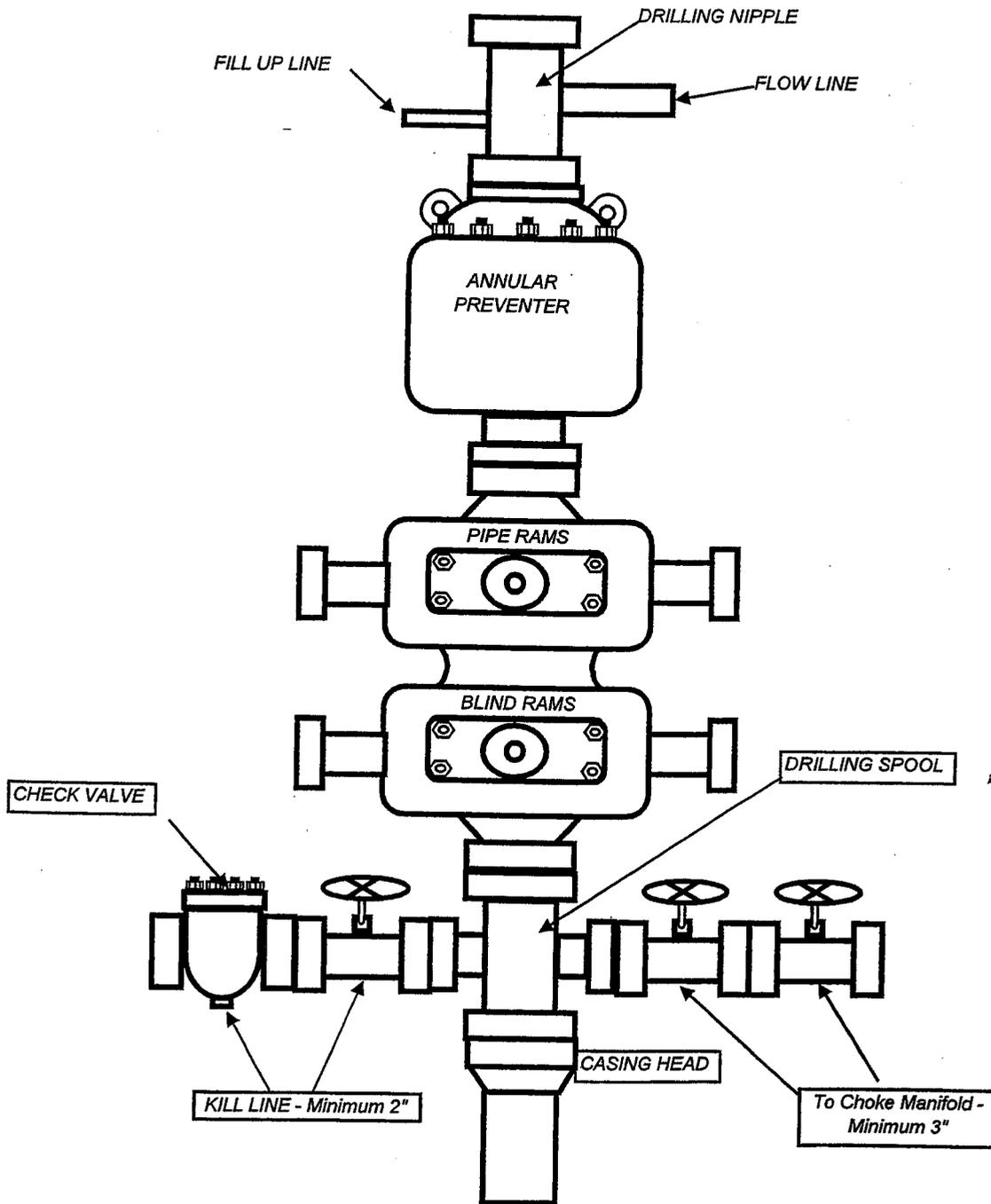
# BILL BARRETT CORPORATION

## 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 #3-34D-12-16,

#4-34D-12-16, #5-34D-12-16, #11-34D-12-16 & #10-34D-12-16

LOCATED IN CARBON COUNTY, UTAH

SECTION 34, T12S, R16E, S.L.B.&M.

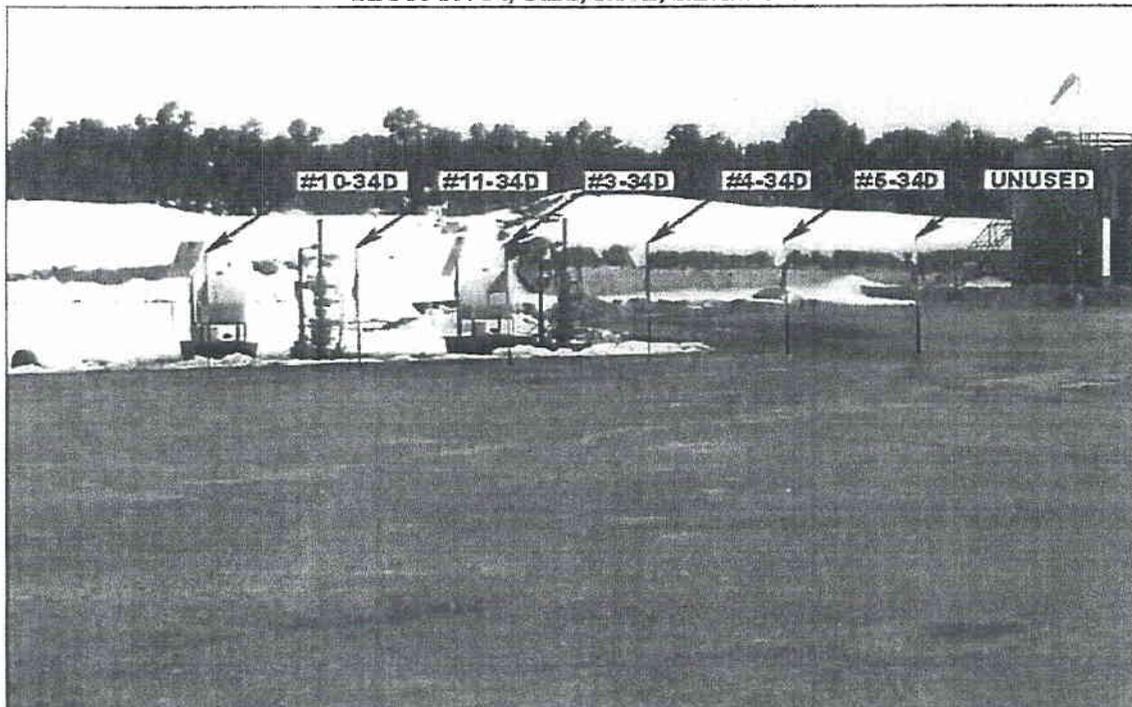


PHOTO: VIEW FROM LOCATION STAKE TO CORNER #5

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: EASTERLY



Since 1964

**U E L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

03 26 08  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.R. | DRAWN BY: C.N. | REV: 09-05-08 C.C.

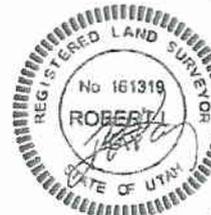
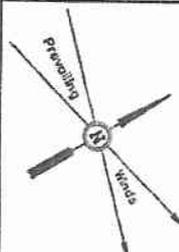
**BILL BARRETT CORPORATION**

**LOCATION LAYOUT FOR**

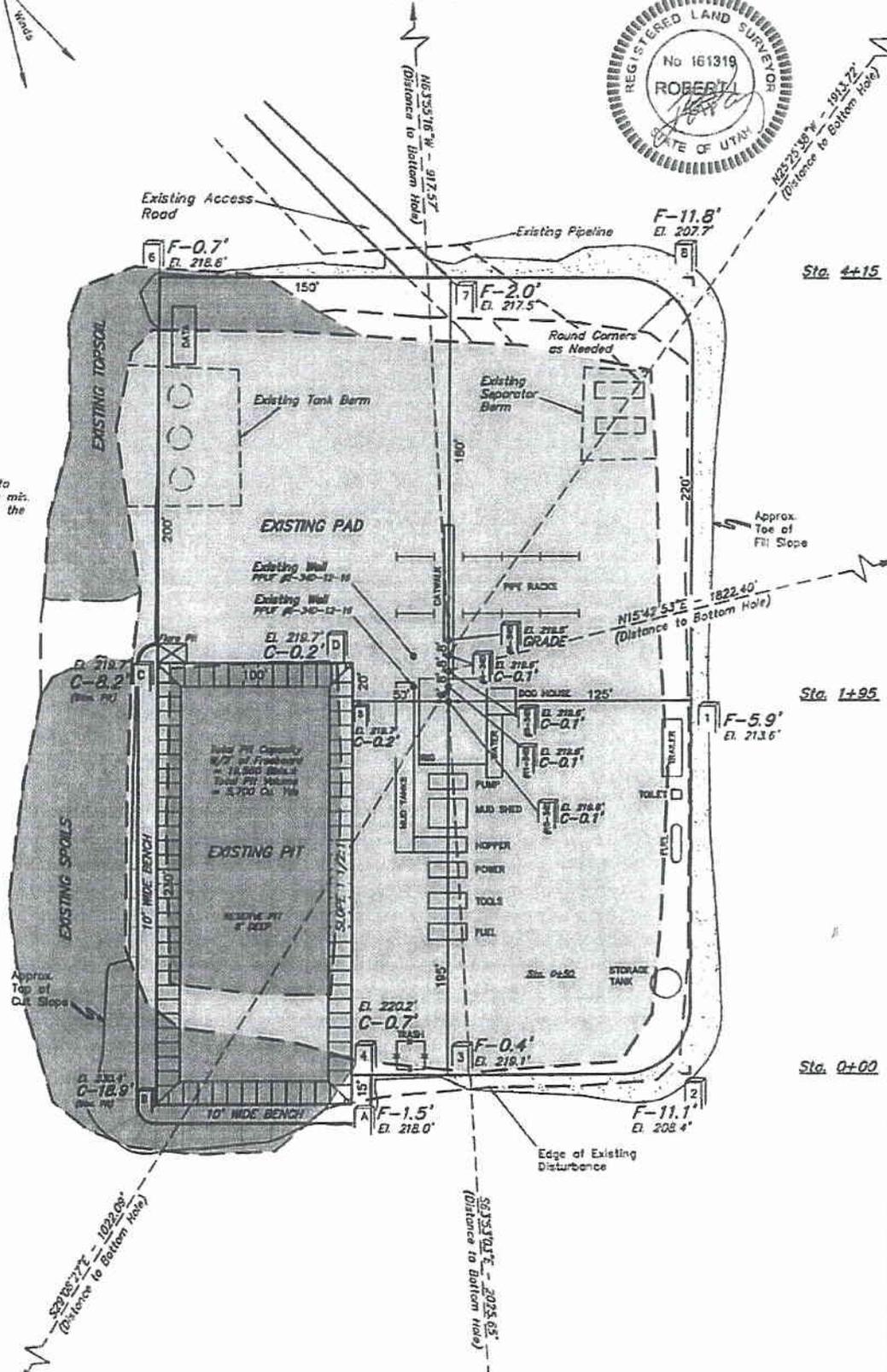
PETERS POINT UNIT FEDERAL #3-34D-12-16, #4-34D-12-16,  
#5-34D-12-16, #11-34D-12-16 & #10-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.&A.  
SE 1/4 NW 1/4

**FIGURE #1**

SCALE: 1" = 50'  
DATE: 03-25-08  
DRAWN BY: C.C.  
REV: 07-15-08  
REV: 08-05-08



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



Elev. Ungraded Ground at #3-34D Location Stake = 7219.6'  
Elev. Graded Ground at #3-34D Location Stake = 7219.5'

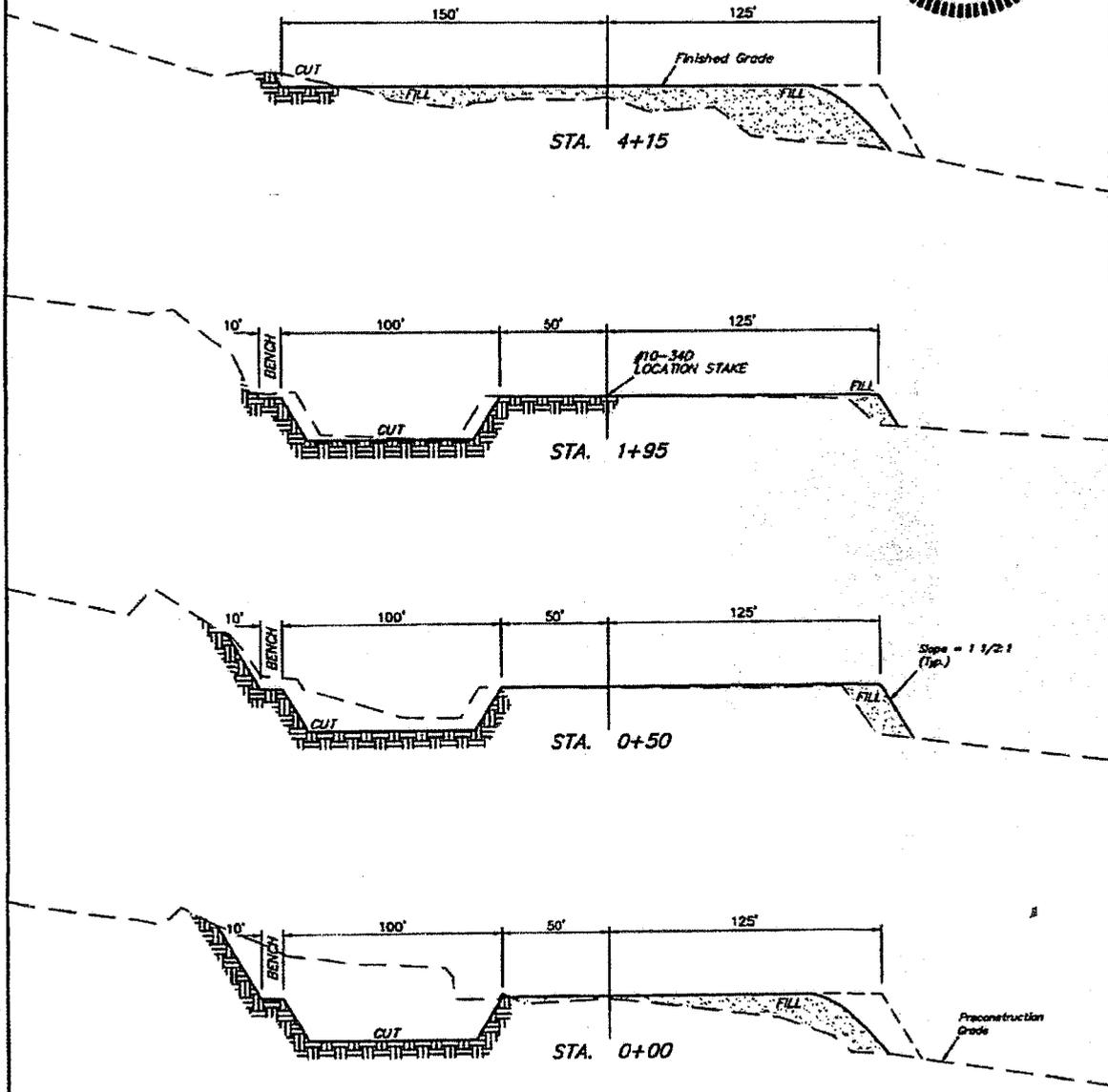
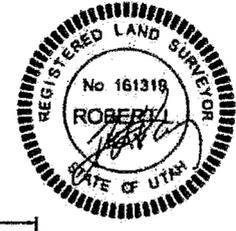
**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (435) 782-1077

**BILL BARRETT CORPORATION**  
**TYPICAL CROSS SECTIONS FOR**

**FIGURE #2**

X-Section  
 Scale  
 1" = 50'  
 DATE: 03-25-08  
 DRAWN BY: C.C.  
 REV: 07-15-08  
 REV: 09-05-08

PETERS POINT UNIT FEDERAL #3-34D-12-16, #4-34D-12-16,  
 #5-34D-12-16, #11-34D-12-16 & #10-34D-12-16  
 SECTION 34, T12S, R16E, S.L.B.&M.  
 SE 1/4 NW 1/4



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

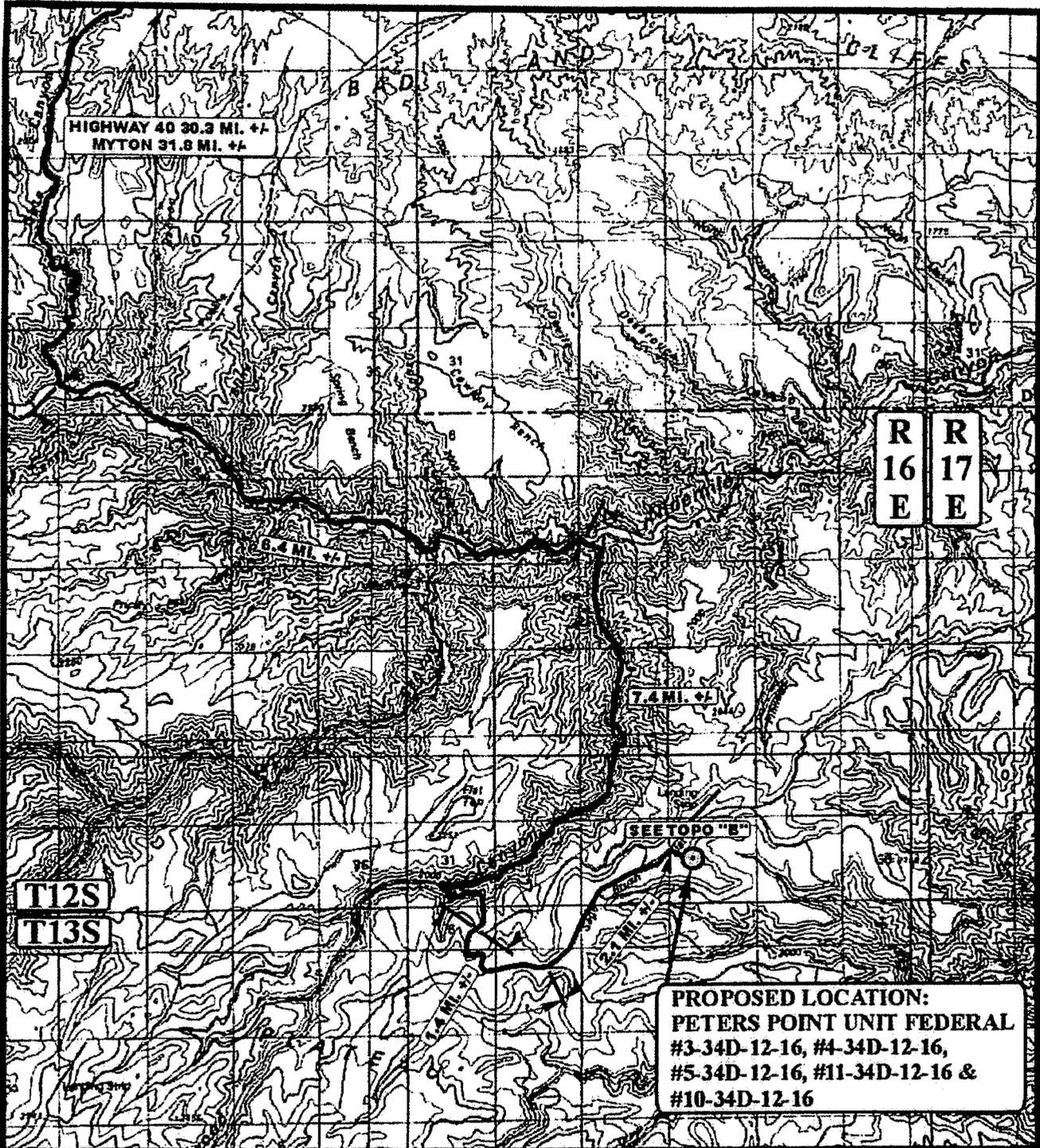
APPROXIMATE ACRES  
 EXISTING DISTURBANCE = ±3.221 ACRES  
 NEW DISTURBANCE = ±0.313 ACRES  
 TOTAL = ±3.534 ACRES

\* NOTE:  
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 400 Cu. Yds.
Remaining Location	= 4,560 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 4,960 CU.YDS.</b>
<b>FILL</b>	<b>= 4,150 CU.YDS.</b>

EXCESS MATERIAL	= 810 Cu. Yds.
Topsoil & PII Backfill (1/2 PII Vol.)	= 3,250 Cu. Yds.
DEFICIT UNBALANCE (After Rehabilitation)	= 2,440 Cu. Yds.



**LEGEND:**

⊙ PROPOSED LOCATION

**BILL BARRETT CORPORATION**

PETERS POINT UNIT FEDERAL #3-34D-12-16,  
 #4-34D-12-16, #5-34D-12-16 & #11-34D-12-16 & #10-34D-12-16  
 SECTION 34, T12S, R16E, S.L.B.&M.  
 SE 1/4 NE 1/4

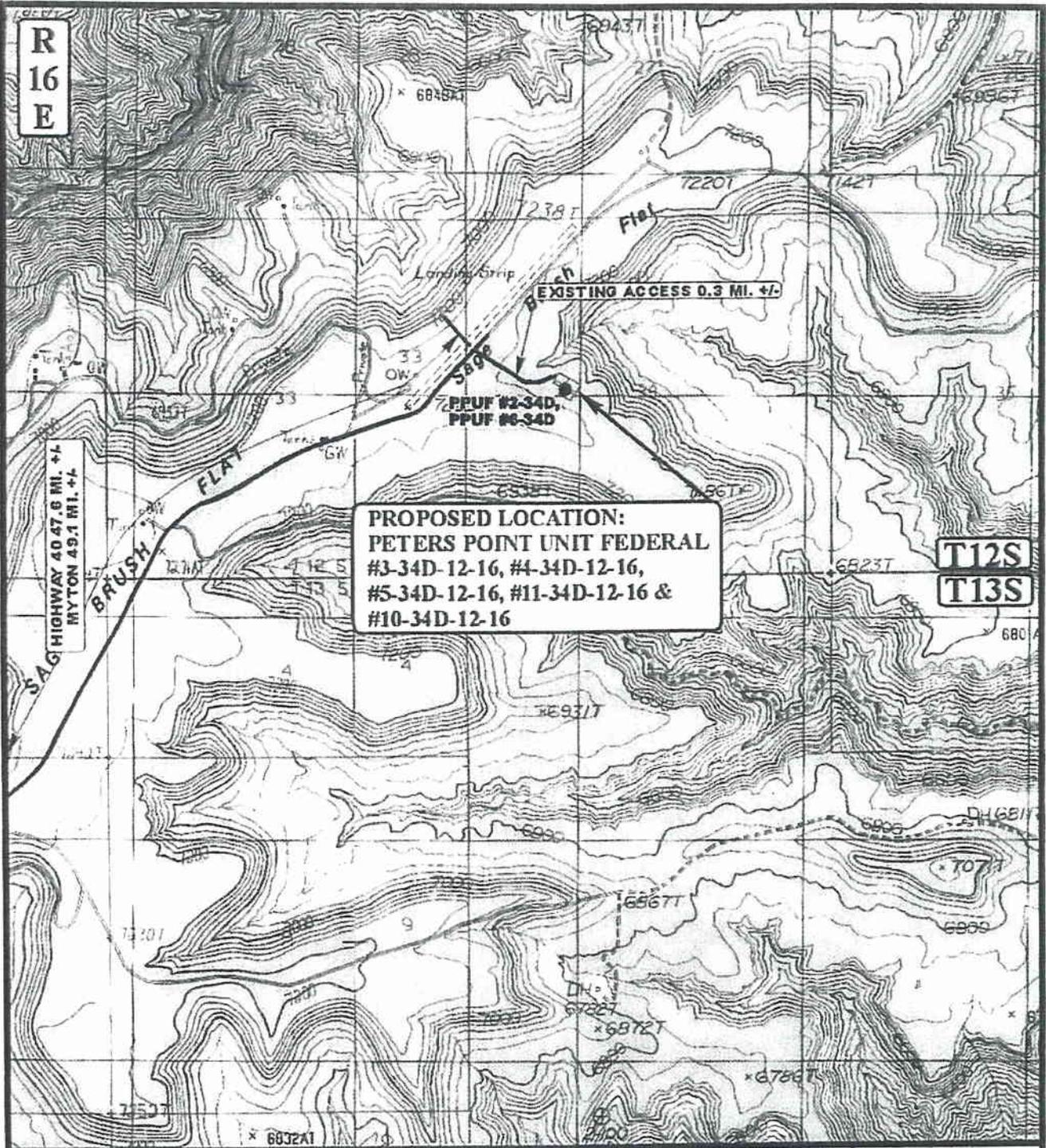


Utah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 • FAX (435) 789-1813



TOPOGRAPHIC MAP  
 03 26 08  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.N. REV: 09-05-08 C.C.





**PROPOSED LOCATION:  
PETERS POINT UNIT FEDERAL  
#3-34D-12-16, #4-34D-12-16,  
#5-34D-12-16, #11-34D-12-16 &  
#10-34D-12-16**

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ROAD ACCESS

**BILL BARRETT CORPORATION**

PETERS POINT UNIT FEDERAL #3-34D-12-16,  
#4-34D-12-16, #5-34D-12-16 & #11-34D-12-16 & #10-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.&M.  
SE 1/4 NE 1/4

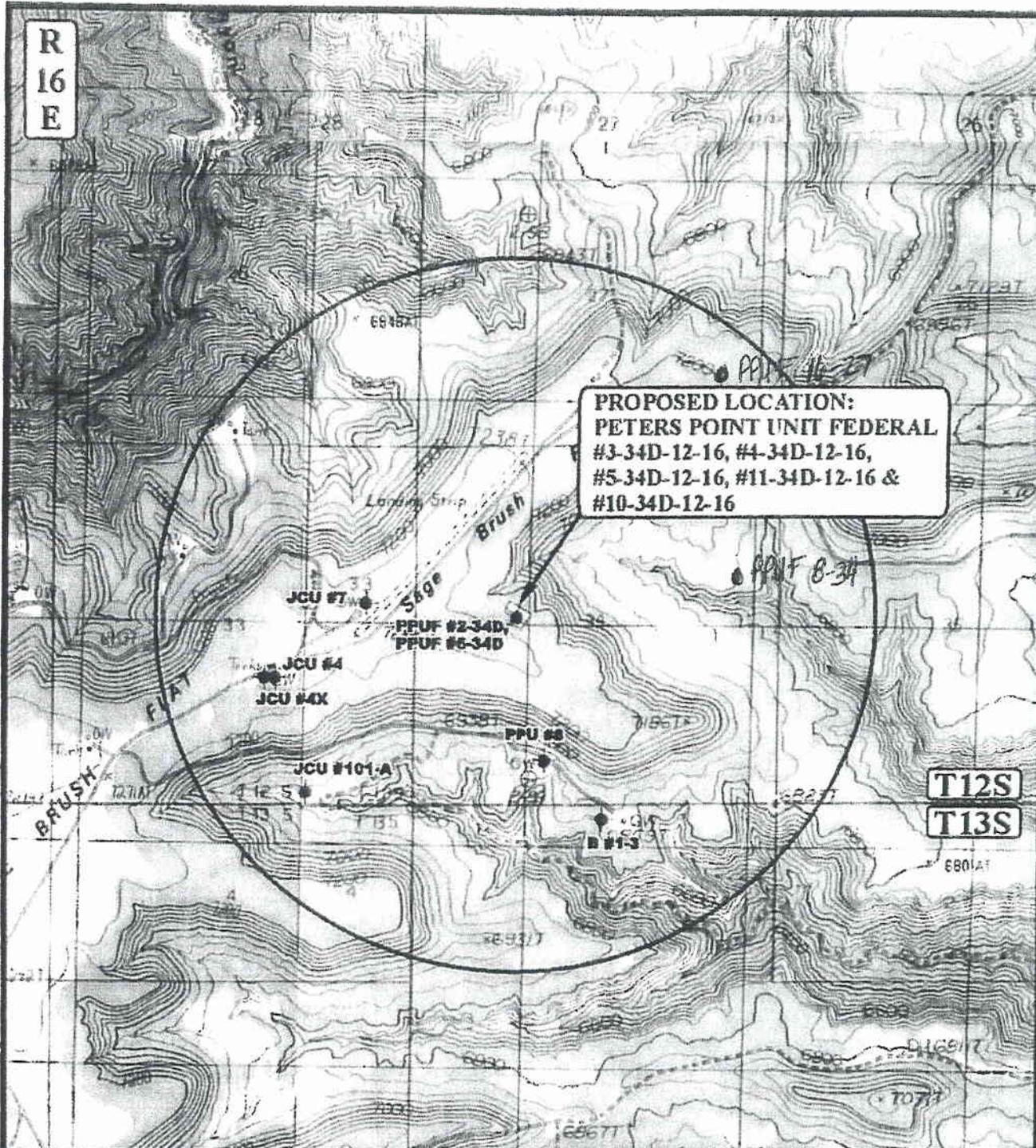
**U&L S** Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 • FAX (435) 789-1813



TOPOGRAPHIC MAP  
03 26 08  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.N. REV: 09-05-08 C.C.

**B**  
TOPO

R  
16  
E



**PROPOSED LOCATION:**  
**PETERS POINT UNIT FEDERAL**  
 #3-34D-12-16, #4-34D-12-16,  
 #5-34D-12-16, #11-34D-12-16 &  
 #10-34D-12-16

**T12S**  
**T13S**

**LEGEND:**

- |                   |                           |
|-------------------|---------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS             |
| ● PRODUCING WELLS | ◆ ABANDONED WELLS         |
| ● SHUT-IN WELLS   | ● TELEPHONE ABANDONED NET |

**BILL BARRETT CORPORATION**

**PETERS POINT UNIT FEDERAL #3-34D-12-16,**  
**#4-34D-12-16, #5-34D-12-16 & #11-34D-12-16 & #10-34D-12-16**  
 SECTION 34, T12S, R16E, S.1.B.&M.  
 SE 1/4 NE 1/4



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**TOPOGRAPHIC MAP** 03 26 08  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.N. REV: 09/05 08 C.C.



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/15/2008

API NO. ASSIGNED: 43-007-31467

WELL NAME: PPU FED 5-34D-12-16

OPERATOR: BILL BARRETT CORP ( N2165 )

PHONE NUMBER: 303-312-8134

CONTACT: TRACEY FALLANG

PROPOSED LOCATION:

SENW 34 120S 160E  
 SURFACE: 2436 FNL 1463 FWL  
 BOTTOM: 2029 FNL 0641 FWL  
 COUNTY: CARBON  
 LATITUDE: 39.73089 LONGITUDE: -110.1139  
 UTM SURF EASTINGS: 575936 NORTHINGS: 4398055  
 FIELD NAME: PETER'S POINT ( 40 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-08107  
 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: 5-29-2001  
Siting: 400' fr ext. Unit boundaries
- R649-3-11. Directional Drill

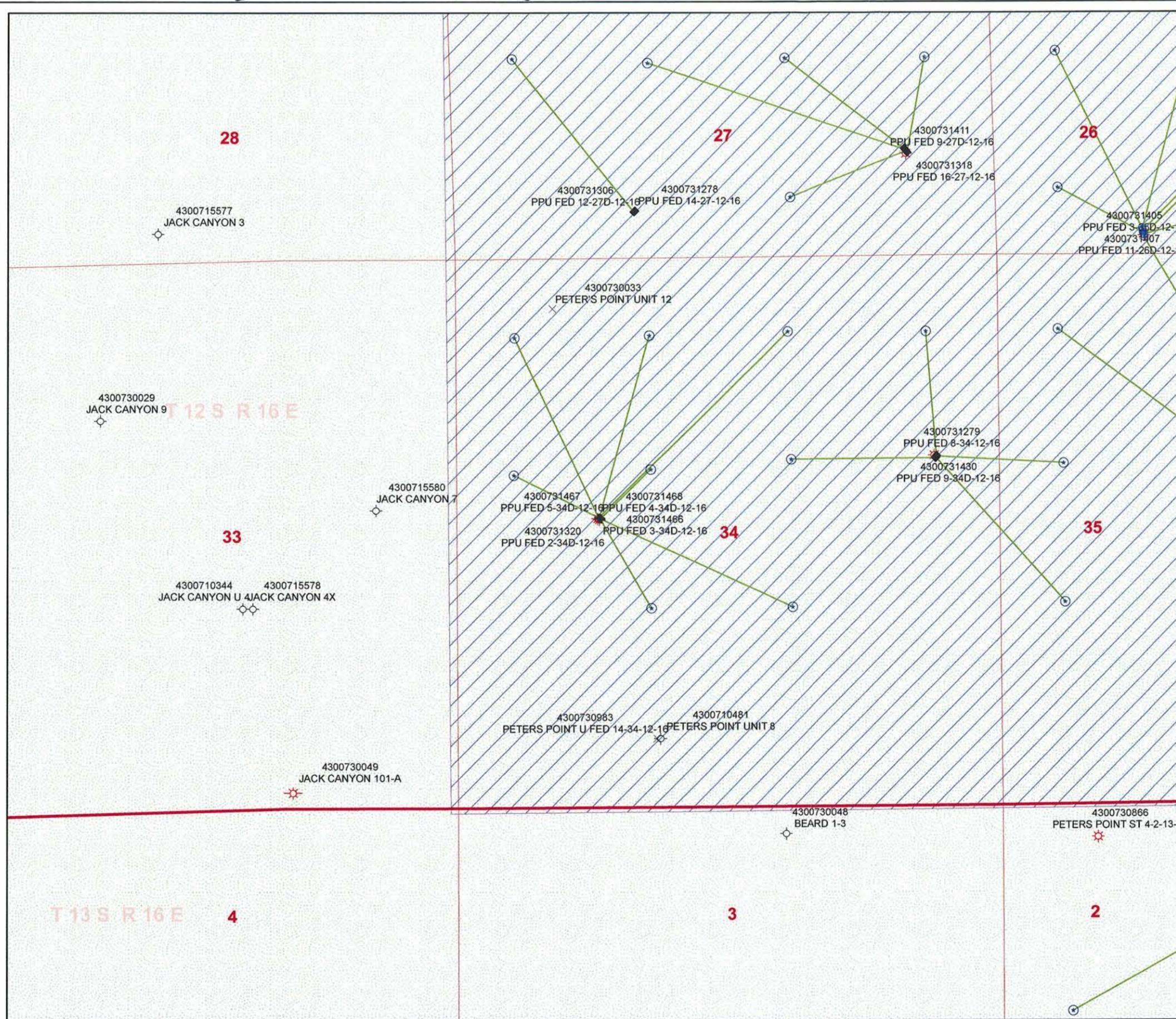
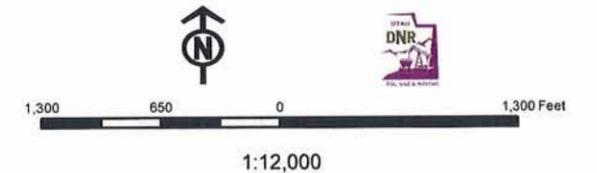
COMMENTS: \_\_\_\_\_

STIPULATIONS: 1. Federal (Superior)

**API Number: 4300731467**  
**Well Name: PPU FED 5-34D-12-16**  
 Township 12.0 S Range 16.0 E Section 34  
**Meridian: SLBM**  
 Operator: BILL BARRETT CORP

Map Prepared:  
 Map Produced by Diana Mason

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



# 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)

October 22, 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)		
43-007-31465	PPU Fed 11-34D-12-16	Sec 34 T12S R16E 2448 FNL 1483 FWL BHL Sec 34 T12S R16E 1965 FSL 1976 FWL
43-007-31466	PPU Fed 03-34D-12-16	Sec 34 T12S R16E 2444 FNL 1476 FWL BHL Sec 34 T12S R16E 0692 FNL 1980 FWL
43-007-31467	PPU Fed 05-34D-12-16	Sec 34 T12S R16E 2436 FNL 1463 FWL BHL Sec 34 T12S R16E 2029 FNL 0641 FWL
43-007-31468	PPU Fed 04-34D-12-16	Sec 34 T12S R16E 2440 FNL 1469 FWL BHL Sec 34 T12S R16E 0708 FNL 0658 FWL
43-007-31469	PPU Fed 10-34D-12-16	Sec 34 T12S R16E 2452 FNL 1490 FWL BHL Sec 34 T12S R16E 1962 FSL 1980 FEL

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

/s/ Michael L. Coulthard



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 4, 2008

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

Re: Peter's Point Unit Federal 5-34D-12-16 Well, Surface Location 2436' FNL, 1463' FWL, SE NW, Sec. 34, T. 12 South, R. 16 East, Bottom Location 2029' FNL, 641' FWL, SW NW, Sec. 34, 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 43-007-31467.

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 5-34D-12-16

API Number: 43-007-31467

Lease: UTU-08107

Surface Location: SE NW      Sec. 34      T. 12 South      R. 16 East

Bottom Location: SW NW      Sec. 34      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.

Well name:

# West Tavaputs General

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-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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

**COPY**

**SUNDY 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.*

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5. Lease Serial No.  
All leases within the Peter's Point Unit  
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

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. **PPU Fed 5-340-12-16**  
All wells within the Peter's Point Unit

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

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

9. API Well No. **43 DD7 31467**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Peter's Point, federal sections within T12S-R16E, T12S-R17E, T13S-R16E, T13S-R17E **12S 16E 3A**

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>Field-wide use of flow conditioners</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 to request a variance from Onshore Order No. 5 to allow field-wide use of flow conditioners in lieu of 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)

A previous field-wide sundry was requested and approved on August 28, 2008. This is an update to that sundry with wells that were not initially on the spreadsheet attached to that sundry to include 2008 and proposed 2009 wells. The API and AGA information submitted with that sundry is still valid. If you have any questions, please contact Mike Angust at 435-724-8016 or 435-725-3515 ext. 7.

COPY SENT TO OPERATOR

Date: 12.4.2008

Initials: KS

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

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 11/21/2008

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

Approved by

*[Signature]*

Title Pet. Eng.

Date 11/26/08

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 DOGUM

Federal Approval Of This Action Is Necessary

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**

**NOV 25 2008**

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

**FLOW CONDITIONER SUNDRY EXHIBIT**

API Well Number	Lease Number	Well Name	County	Qtr/Qtr	Sec	TwN-Rng
4300731348	UTU-04049	Peter's Point Unit Federal 7-36D-12-16	Carbon	SEnw	36	12S-16E
4300731349	UTU-0681	Peter's Point Unit Federal 11-36D-12-16	Carbon	SEnw	36	12S-16E
4300731350	UTU-04049	Peter's Point Unit Federal 5-36D-12-16	Carbon	SEnw	36	12S-16E
4300731428	UTU-08107	Peter's Point Unit Federal 7-34D-12-16	Carbon	SENE	34	12S-16E
4300731430	UTU-071595	Peter's Point Unit Federal 9-34D-12-16	Carbon	SENE	34	12S-16E
4300731429	UTU-08107	Peter's Point Unit Federal 5-35D-12-16	Carbon	SENE	34	12S-16E
4300731427	UTU-08107	Peter's Point Unit Federal 1-34D-12-16	Carbon	SENE	34	12S-16E
APD not yet submitted	UTU-0681	Peter's Point Unit Federal 15-35D-12-16	Carbon	SESE	35	12S-16E
APD not yet submitted	UTU-0681	Peter's Point Unit Federal 10-35D-12-16	Carbon	SESE	35	12S-16E
APD not yet submitted	UTU-0681	Peter's Point Unit Federal 9-35D-12-16	Carbon	SESE	35	12S-16E
APD not yet submitted	UTU-0737	Peter's Point Unit Federal 13-31D-12-17	Carbon	SWSW	31	12S-17E
APD not yet submitted	UTU-0737	Peter's Point Unit Federal 11-31D-12-17	Carbon	SWSW	31	12S-17E
APD not yet submitted	UTU-0737	Peter's Point Unit Federal 10-31D-12-17	Carbon	SWSW	31	12S-17E
APD not yet submitted	UTU-0737	Peter's Point Unit Federal 14-31D-12-17	Carbon	SWSW	31	12S-17E
APD not yet submitted	UTU-0744	Peter's Point Unit Federal 12-6D-13-17	Carbon	SWSW	31	12S-17E
APD not yet submitted	UTU-0681	Peter's Point Unit Federal 9-25D-12-16	Carbon	NESW	30	12S-17E
APD not yet submitted	UTU-03333	Peter's Point Unit Federal 12-30D-12-17	Carbon	NESW	30	12S-17E
APD not yet submitted	UTU-0681	Peter's Point Unit Federal 16-25D-12-16	Carbon	NESW	30	12S-17E
APD not yet submitted	UTU-03333	Peter's Point Unit Federal 13-30D-12-17	Carbon	NESW	30	12S-17E
APD not yet submitted	UTU-03333	Peter's Point Unit Federal 11-30D-12-17	Carbon	NESW	30	12S-17E
APD not yet submitted	UTU-03333	Peter's Point Unit Federal 14-30D-12-17	Carbon	NESW	30	12S-17E
APD not yet submitted	UTU-03333	Peter's Point Unit Federal 3-31D-12-17	Carbon	NESW	30	12S-17E
4300731469	UTU-071595	Peter's Point Unit Federal 10-34D-12-16	Carbon	SEnw	34	12S-16E
4300731465	UTU-071595	Peter's Point Unit Federal 11-34D-12-16	Carbon	SEnw	34	12S-16E
4300731466	UTU-08107	Peter's Point Unit Federal 3-34D-12-16	Carbon	SEnw	34	12S-16E
4300731468	UTU-08107	Peter's Point Unit Federal 4-34D-12-16	Carbon	SEnw	34	12S-16E
4300731467	UTU-08107	Peter's Point Unit Federal 5-34D-12-16	Carbon	SEnw	34	12S-16E
APD not yet submitted	UTU-071595	Peter's Point Unit Federal 12-35D-12-16	Carbon	SW/4	35	12S-16E
APD not yet submitted	UTU-071595	Peter's Point Unit Federal 11-35D-12-16	Carbon	SW/4	35	12S-16E
APD not yet submitted	UTU-071595	Peter's Point Unit Federal 13-35D-12-16	Carbon	SW/4	35	12S-16E
APD not yet submitted	UTU-071595	Peter's Point Unit Federal 14-35D-12-16	Carbon	SW/4	35	12S-16E

**CONFIDENTIAL**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-08107
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Peter's Point Unit/UTU-63014
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2436' FNL, 1463' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 34 12S 16E		8. WELL NAME and NUMBER: Peter's Point Unit Federal 5-34D
PHONE NUMBER: (303) 312-8134		9. API NUMBER: 4300731467
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Peter's Point/Wasatch-Mesaverde
STATE: UTAH		

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

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

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

This sundry is being submitted to request a one year extension from the date this permit expires (11/4/09).

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-29-09  
By: [Signature]

COPY SENT TO OPERATOR

Date: 11.2.2009

Initials: KS

NAME (PLEASE PRINT) <u>Tracey Fallang</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>10/26/2009</u>

(This space for State use only)

RECEIVED

OCT 29 2009

DIV. OF OIL, GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4300731467  
**Well Name:** Peter's Point Unit Federal #5-34D-12-16  
**Location:** SENW, Sec. 34-T12S-R16E  
**Company Permit Issued to:** Bill Barrett Corporation  
**Date Original Permit Issued:** 11/4/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

Marcy Falloney  
Signature

10/26/2009  
Date

Title: Regulatory Analyst

Representing: Bill Barrett Corporation

RECEIVED

OCT 29 2009

DIV. OF OIL, GAS & MINING

**Federal Approval of this  
Action is Necessary**

API Well No: 43007314670000

<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-08107</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 5-34D-12-16</p>
<p><b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2436 FNL 1463 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 Township: 12.0S Range: 16.0E Meridian: S</p>	<p><b>9. API NUMBER:</b> 43007314670000</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>

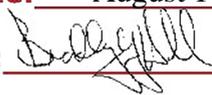
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/1/2010	<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 checked="" type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	<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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

This sundry is being submitted as the surface hole location changed to: 2432' FNL, 1456' FWL. A revised plat and directional plan is attached. In addition, cementing plans have changed for this well and a revised drilling program is enclosed. As the pad was restaked and additional facilities were added, BBC is enclosing a revised pad layout and topo plats as well as a revised surface use plan. If you have any questions, please contact me at 303-312-8134.

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

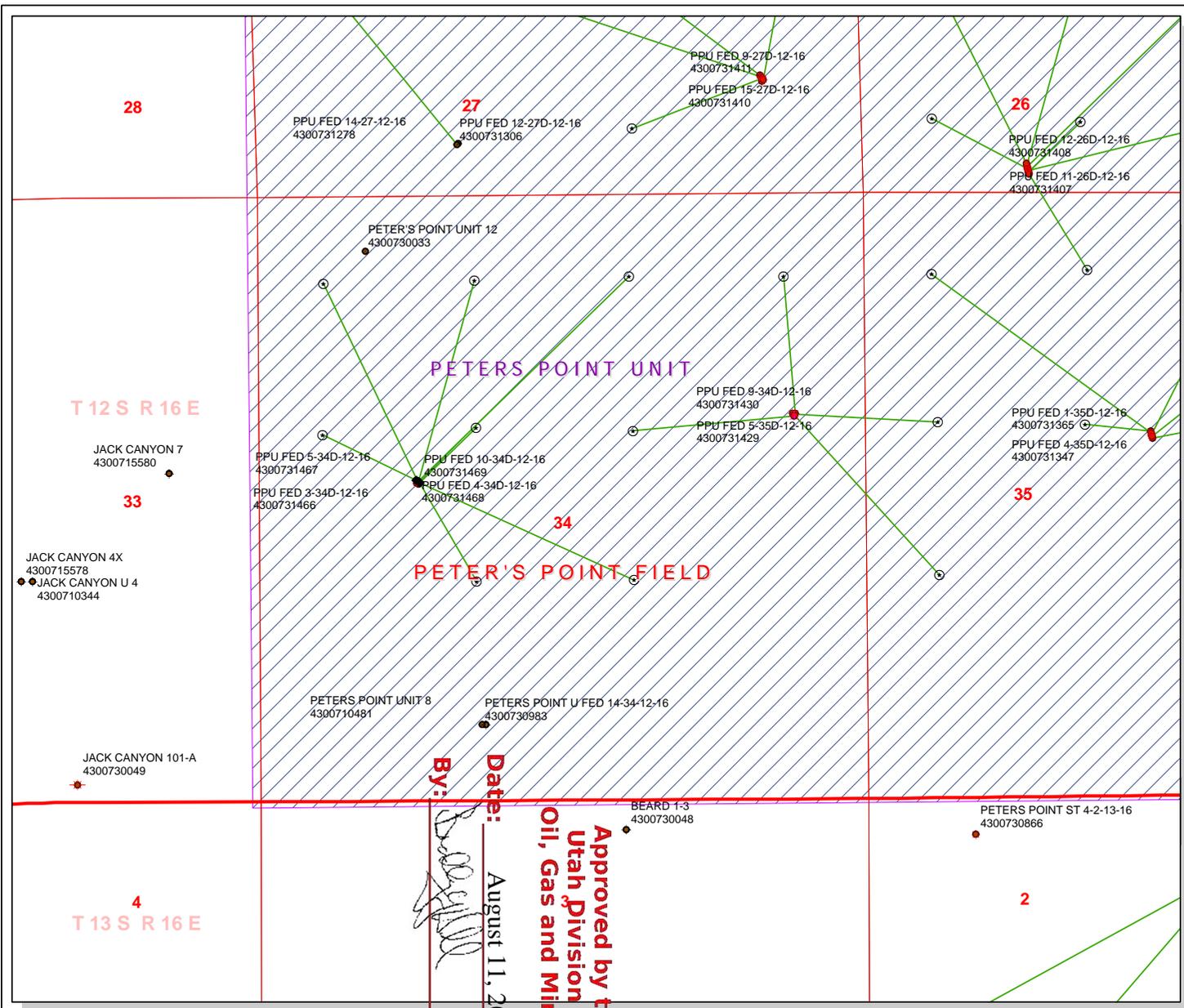
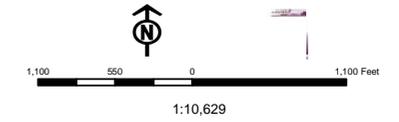
**Date:** August 11, 2010  
**By:** 

<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> 8/10/2010	

**API Number: 4300731467**  
**Well Name: PPU FED 5-34D-12-16**  
**Township 12.0 S Range 16.0 E Section 34**  
**Meridian: SLBM**  
**Operator: BILL BARRETT CORP**

Map Prepared:  
 Map Produced by Diana Mason

- |                             |                                      |
|-----------------------------|--------------------------------------|
| <b>Units</b>                | <b>Wells Query</b>                   |
| STATUS                      | X -all other values-                 |
| ACTIVE                      | ◆ APD - Approved Permit              |
| EXPLORATORY                 | ⊕ DRL - Spudded (Drilling Commenced) |
| GAS STORAGE                 | ⊕ GW - Gas Injection                 |
| NF PP OIL                   | ⊕ GS - Gas Storage                   |
| NF SECONDARY                | ⊕ LA - Location Abandoned            |
| PI OIL                      | ⊕ LOC - New Location                 |
| PP GAS                      | ⊕ OPS - Operation Suspended          |
| PP GEOTHERMAL               | ⊕ PA - Plugged Abandoned             |
| PP OIL                      | ⊕ PGW - Producing Gas Well           |
| SECONDARY                   | ⊕ PDW - Producing Oil Well           |
| TERMINATED                  | ⊕ RET - Returned APD                 |
| Fields                      | ⊕ SGW - Shut-in Gas Well             |
| Sections                    | ⊕ TA - Temp. Abandoned               |
| Township                    | ⊕ TW - Test Well                     |
| Bottom Hole Location - AGRG | ⊕ WDW - Water Disposal               |
|                             | ⊕ WW - Water Injection Well          |
|                             | ⊕ WSW - Water Supply Well            |



**By:** *[Signature]*  
**Date:** August 11, 2010

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





August 10, 2010

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 5-34D-12-16  
SHL: 2432' FNL & 1456' FWL SENW 34-T12S-R16E  
BHL: 2029' FNL & 641' FWL SWNW 34-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 and a Participating 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 and this well is located within 460 feet of the unit boundary.

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 303-312-8513.

Sincerely,

A handwritten signature in blue ink that reads 'Vicki Wambolt'.

Vicki Wambolt  
Landman

by TLF

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

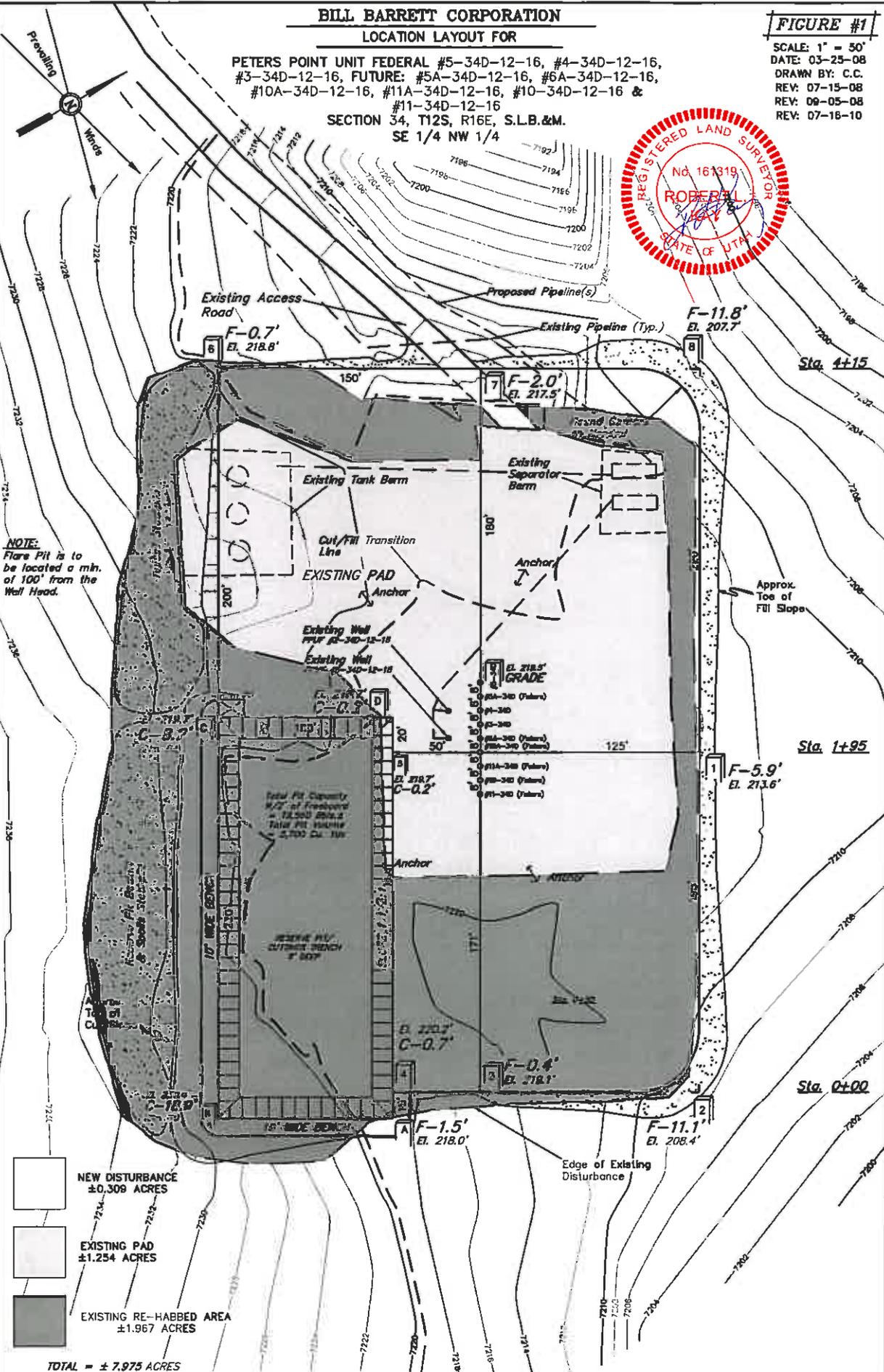
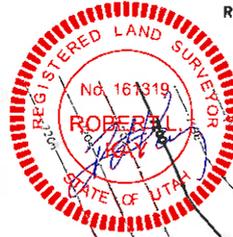
RECEIVED August 10, 2010

**BILL BARRETT CORPORATION**  
LOCATION LAYOUT FOR

PETERS POINT UNIT FEDERAL #5-34D-12-16, #4-34D-12-16,  
#3-34D-12-16, FUTURE: #5A-34D-12-16, #6A-34D-12-16,  
#10A-34D-12-16, #11A-34D-12-16, #10-34D-12-16 &  
#11-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.&M.  
SE 1/4 NW 1/4

**FIGURE #1**

SCALE: 1" = 50'  
DATE: 03-23-08  
DRAWN BY: C.C.  
REV: 07-15-08  
REV: 09-05-08  
REV: 07-16-10



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

- NEW DISTURBANCE ±0.309 ACRES
- EXISTING PAD ±1.254 ACRES
- EXISTING RE-HABBED AREA ±1.967 ACRES

TOTAL = ± 7.975 ACRES  
Elev. Ungraded Ground at #10A-34D (Future) Location Stake = 7219.6'  
Elev. Graded Ground at #10A-34D (Future) Location Stake = 7219.5'

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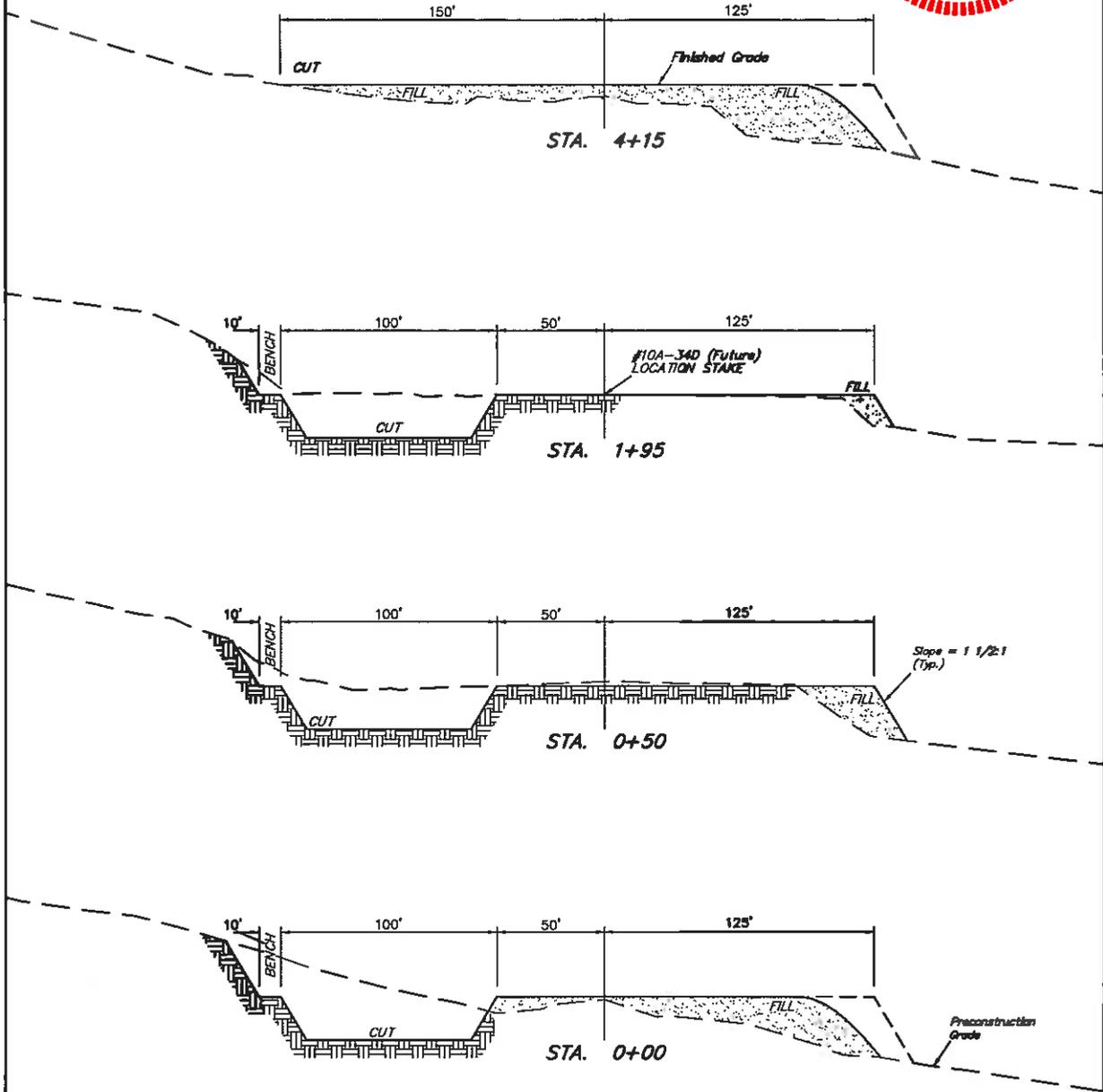
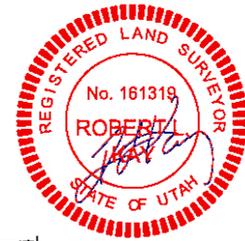
**RECEIVED August 10, 2010**

**BILL BARRETT CORPORATION**  
**TYPICAL CROSS SECTIONS FOR**

**FIGURE #2**

1" = 20'  
 X-Section  
 Scale  
 1" = 50'  
 DATE: 03-25-08  
 DRAWN BY: C.C.  
 REV: 07-15-08  
 REV: 09-05-08  
 REV: 07-16-10  
 REV: 08-10-10

PETERS POINT UNIT FEDERAL #5-34D-12-16, #4-34D-12-16,  
 #3-34D-12-16, FUTURE: #5A-34D-12-16, #6A-34D-12-16,  
 #10A-34D-12-16, #11A-34D-12-16, #10-34D-12-16 &  
 #11-34D-12-16  
 SECTION 34, T12S, R16E, S.L.B.&M.  
 SE 1/4 NW 1/4



APPROXIMATE ACREAGE DISTURBANCES		
	PAD	CO-LOCATED ACCESS RD/PIPELINE
SHORT TERM	±3.534	±0.915
LONG TERM	±1.257	±0.685
		TOTAL
		±4.449
		±1.942

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

CUT  
 (6") Topsoil Stripping (New Construction Only) = 1,470 Cu. Yds.  
 Remaining Location = 7,770 Cu. Yds.  
**TOTAL CUT = 9,240 CU.YDS.**  
**FILL = 4,560 CU.YDS.**

EXCESS MATERIAL = 4,680 Cu. Yds.  
 Topsoil & Pit Backfill (1/2 Pit Vol.) = 4,320 Cu. Yds.  
 EXCESS UNBALANCE (After Rehabilitation) = 360 Cu. Yds.

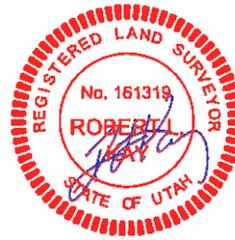
**RECEIVED August 10, 2010**

**BILL BARRETT CORPORATION**  
**INTERIM RECLAMATION DRAWING FOR**

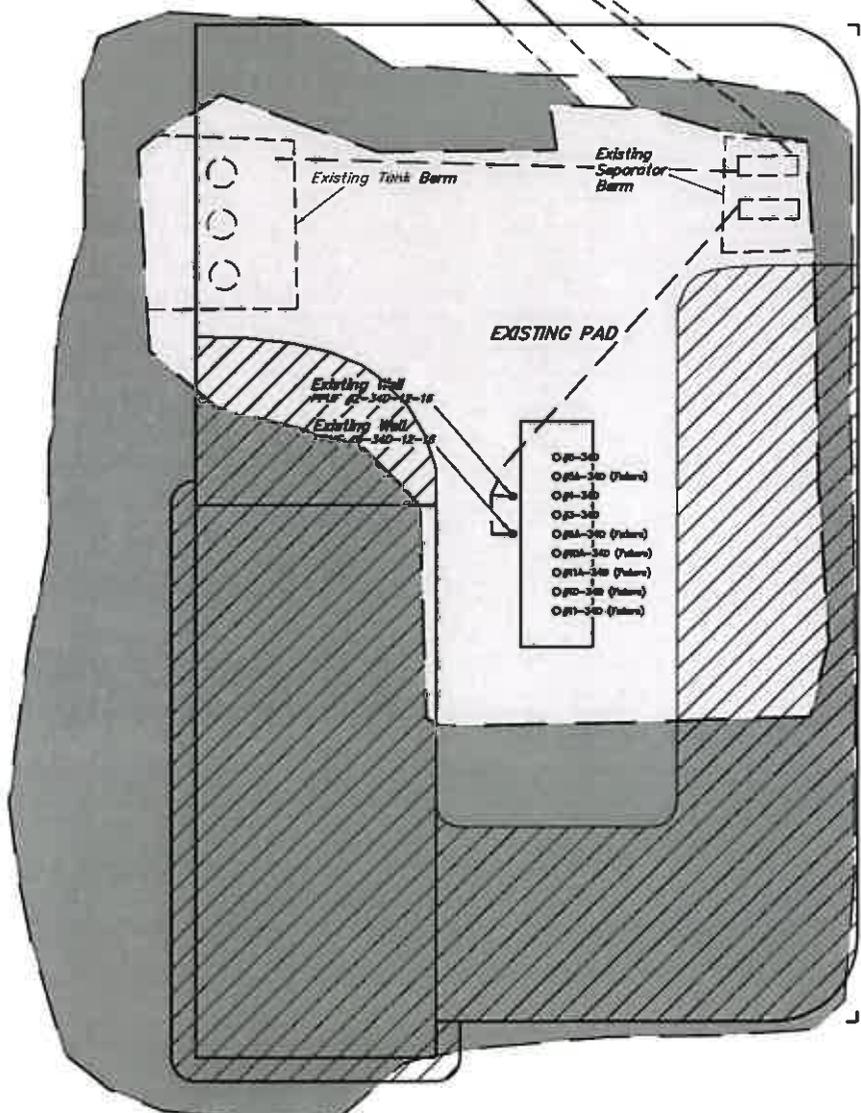
PETERS POINT UNIT FEDERAL #5-34D-12-16, #4-34D-12-16,  
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 #10A-34D-12-16, #11A-34D-12-16, #10-34D-12-16 &  
 #11-34D-12-16  
 SECTION 34, T12S, R16E, S.L.B.&M.  
 SE 1/4 NW 1/4

**FIGURE #4**

SCALE: 1" = 50'  
 DATE: 07-16-10  
 DRAWN BY: C.C.



Existing Access Road  
 Pipeline(s)  
 Existing Pipeline (Typ.)



Existing Tank Berm

Existing Separator Berm

EXISTING PAD

Existing Well #5-34D-12-16  
 Existing Well #11-34D-12-16

- 05-34D
- 06A-34D (Future)
- 07-34D
- 08-34D
- 09A-34D (Future)
- 09B-34D (Future)
- 10A-34D (Future)
- 10B-34D (Future)
- 11-34D (Future)

-  NEW DISTURBANCE
-  EXISTING PAD
-  EXISTING RE-HABBED AREA

 RE-HABBED AREA

**RECEIVED** August 10, 2010

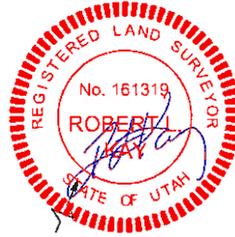
**BILL BARRETT CORPORATION**

**INTERFERENCE DIAGRAM FOR**

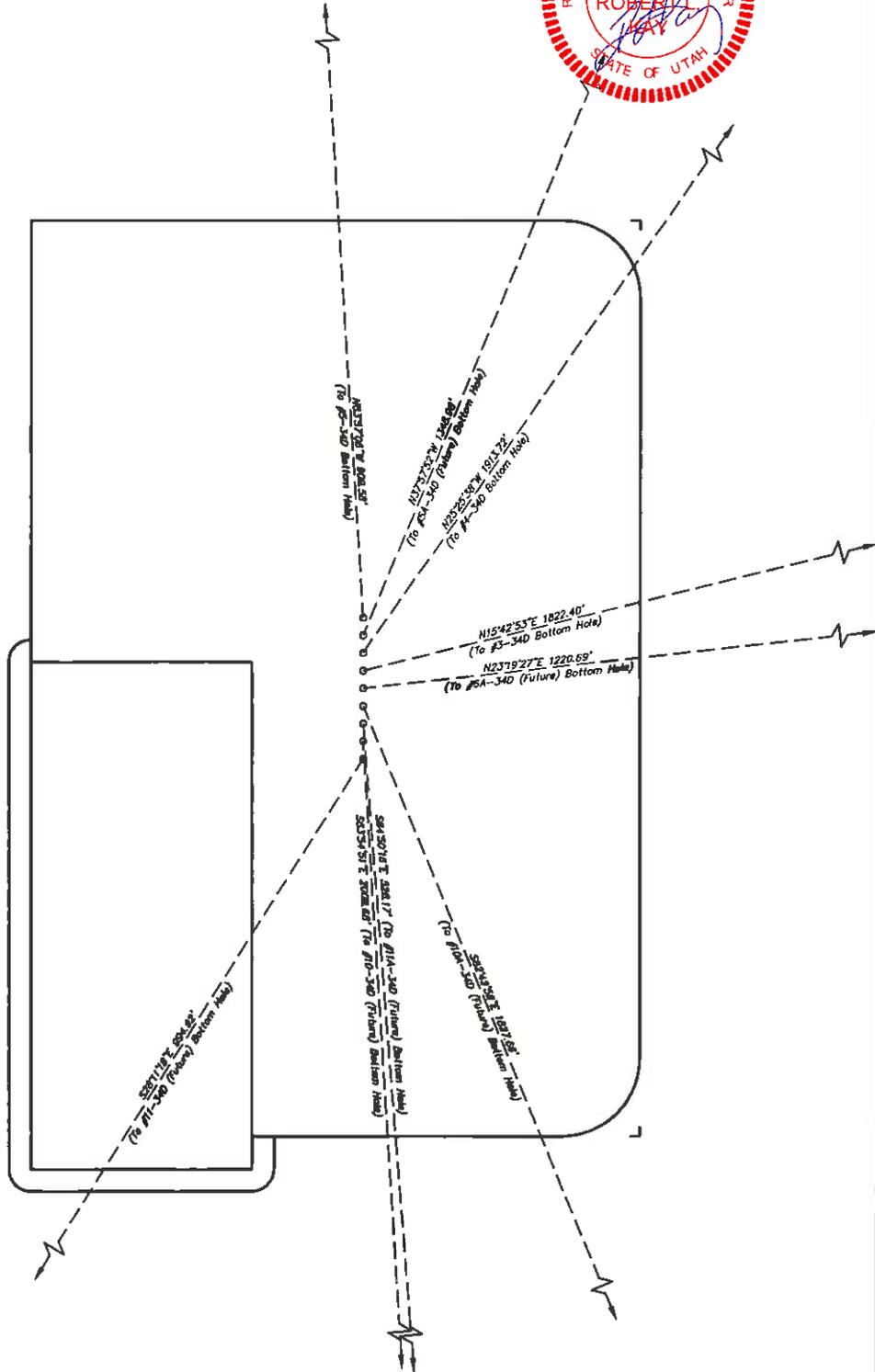
PETERS POINT UNIT FEDERAL #5-34D-12-16, #4-34D-12-16,  
#3-34D-12-16, FUTURE: #5A-34D-12-16, #6A-34D-12-16,  
#10A-34D-12-16, #11A-34D-12-16, #10-34D-12-16 &  
#11-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.&M.  
SE 1/4 NW 1/4

FIGURE #5

SCALE: 1" = 50'  
DATE: 07-18-10  
DRAWN BY: C.C.



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



RECEIVED August 10, 2010

**BILL BARRETT CORPORATION**

LOCATION LAYOUT FOR

CENTRAL TANK BATTERY & WATER MANAGEMENT FACILITY

SECTION 34, T12S, R16E, S.L.B.&M.

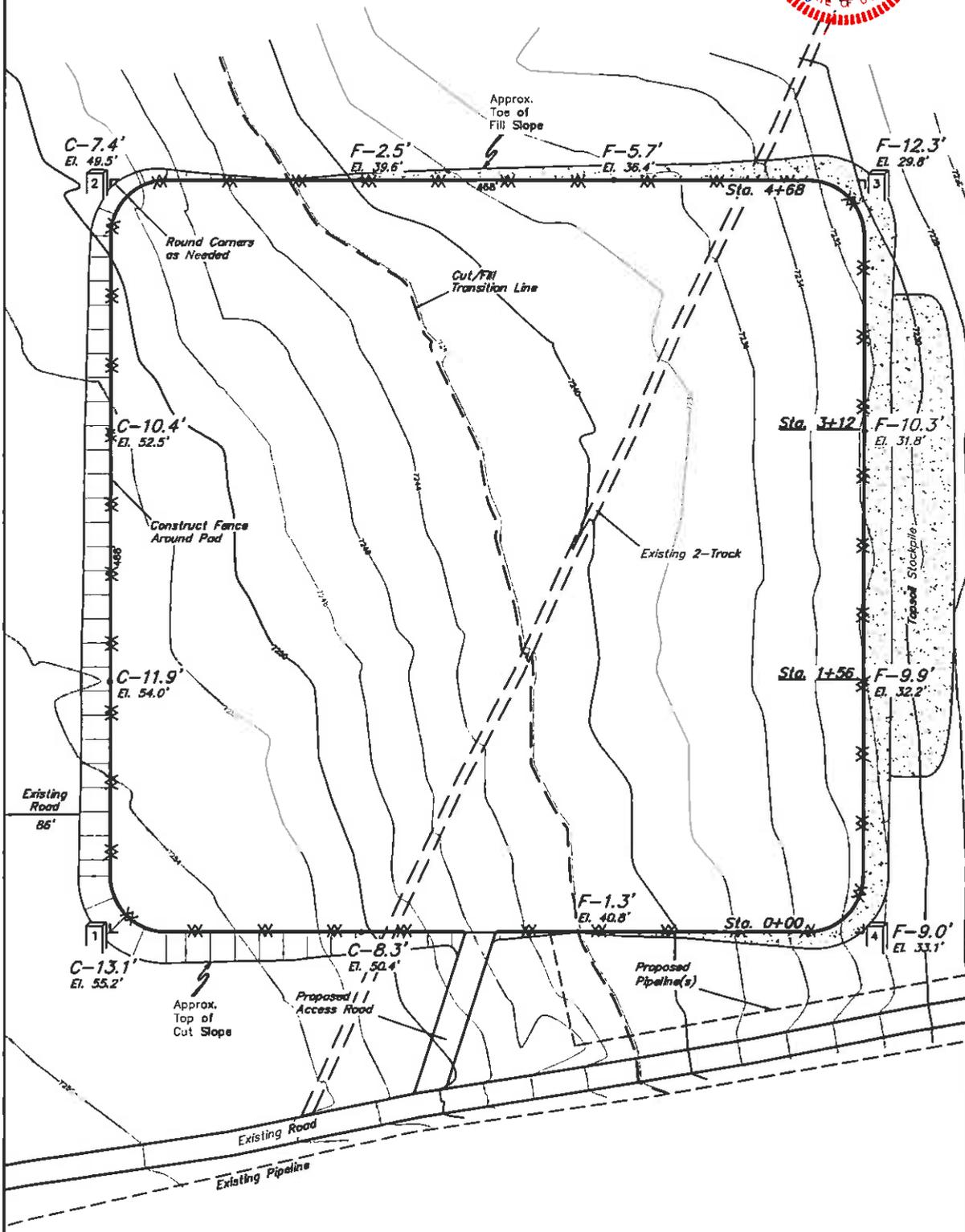
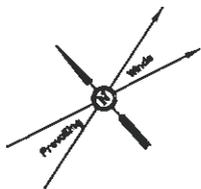
SW 1/4 NW 1/4

**FIGURE #1**

SCALE: 1" = 60'

DATE: 07-16-10

DRAWN BY: C.C.



FINISHED GRADE ELEV. = 7242.1'

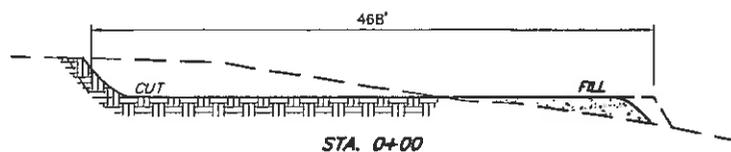
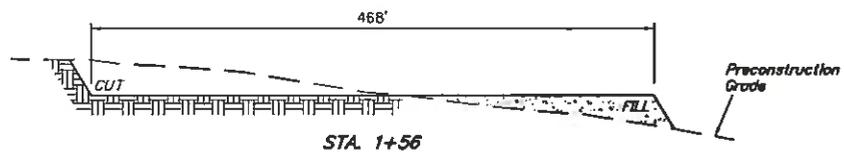
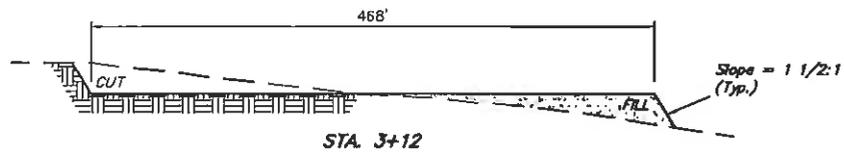
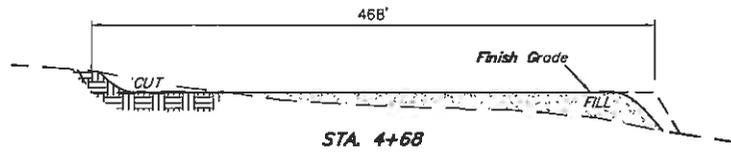
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85 So. 300 East • Verona, Utah 84078 • (435) 788-1017

RECEIVED August 10, 2010

X-Section  
Scale  
1" = 100'  
DATE: 07-16-10  
DRAWN BY: C.C.

**BILL BARRETT CORPORATION**  
TYPICAL CROSS SECTION FOR  
CENTRAL TANK BATTERY & WATER MANAGEMENT FACILITY  
SECTION 34, T12S, R16E, S.L.B.&M.  
SW 1/4 NW 1/4

**FIGURE #2**



APPROXIMATE ACREAGE DISTURBANCES			
	PAD	ROAD	TOTAL
SHORT TERM	±5.861	±0.208	±6.069
LONG TERM	±5.861	±0.078	±5.939

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

**APPROXIMATE YARDAGES**  
(8") Topsoil Stripping = 4,560 Cu. Yds.  
Remaining Location = 23,710 Cu. Yds.  
**TOTAL CUT = 28,270 CU.YDS.**  
**FILL = 23,710 CU.YDS.**

EXCESS MATERIAL = 4,560 Cu. Yds.  
Topsoil = 4,560 Cu. Yds.  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

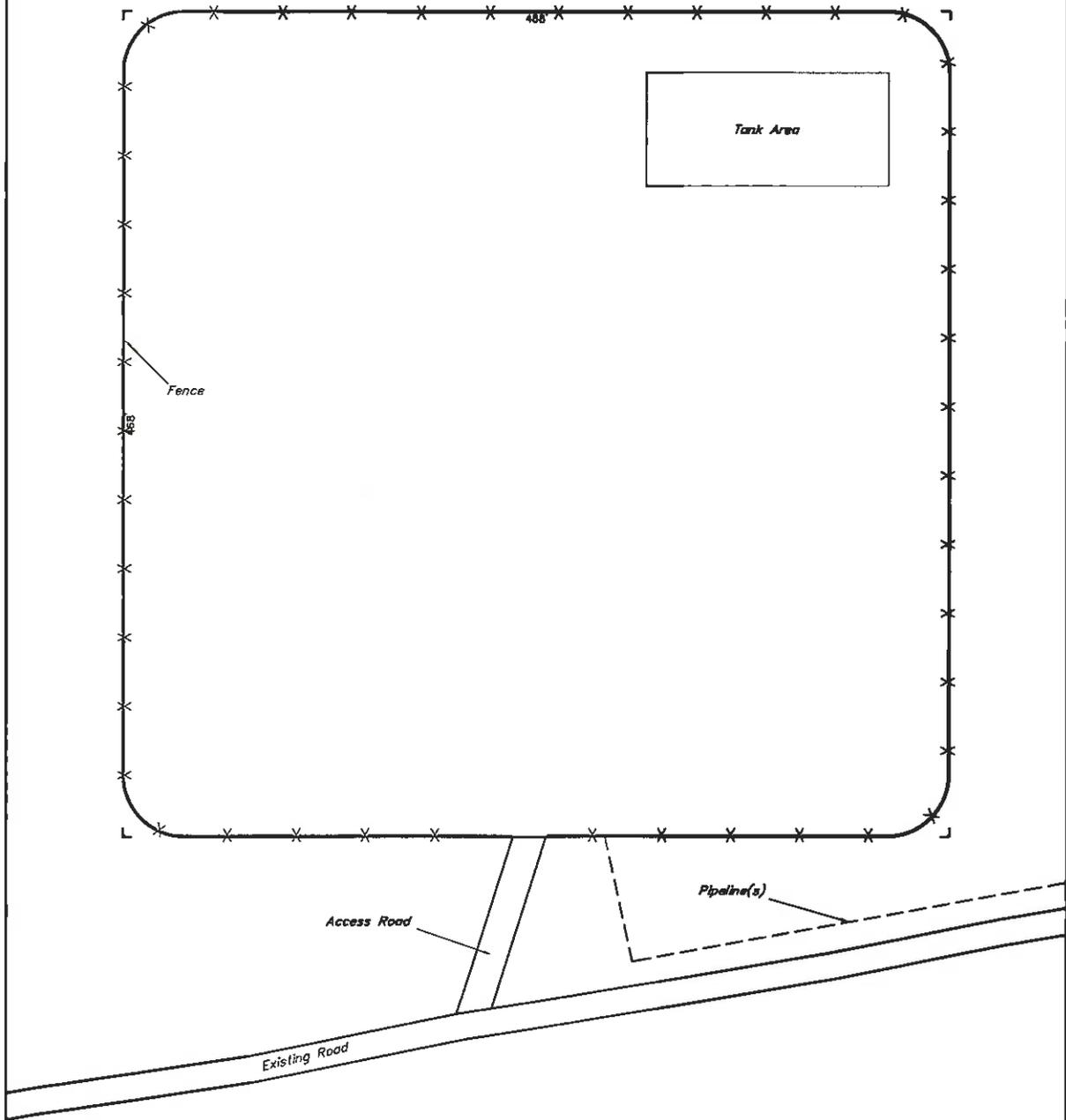
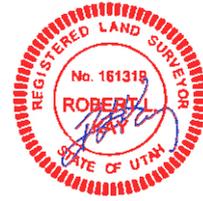
**UINTAH ENGINEERING & LAND SURVEYING**  
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**RECEIVED August 10, 2010**

**BILL BARRETT CORPORATION**  
PRODUCTION FACILITY LAYOUT & INTERIM RECLAMATION DRAWING FOR  
CENTRAL TANK BATTERY & WATER MANAGEMENT FACILITY  
SECTION 34, T12S, R16E, S.L.B.&M.  
SW 1/4 NW 1/4

FIGURE #3

SCALE: 1" = 60'  
DATE: 07-16-10  
DRAWN BY: C.C.



RE-HABBED AREA

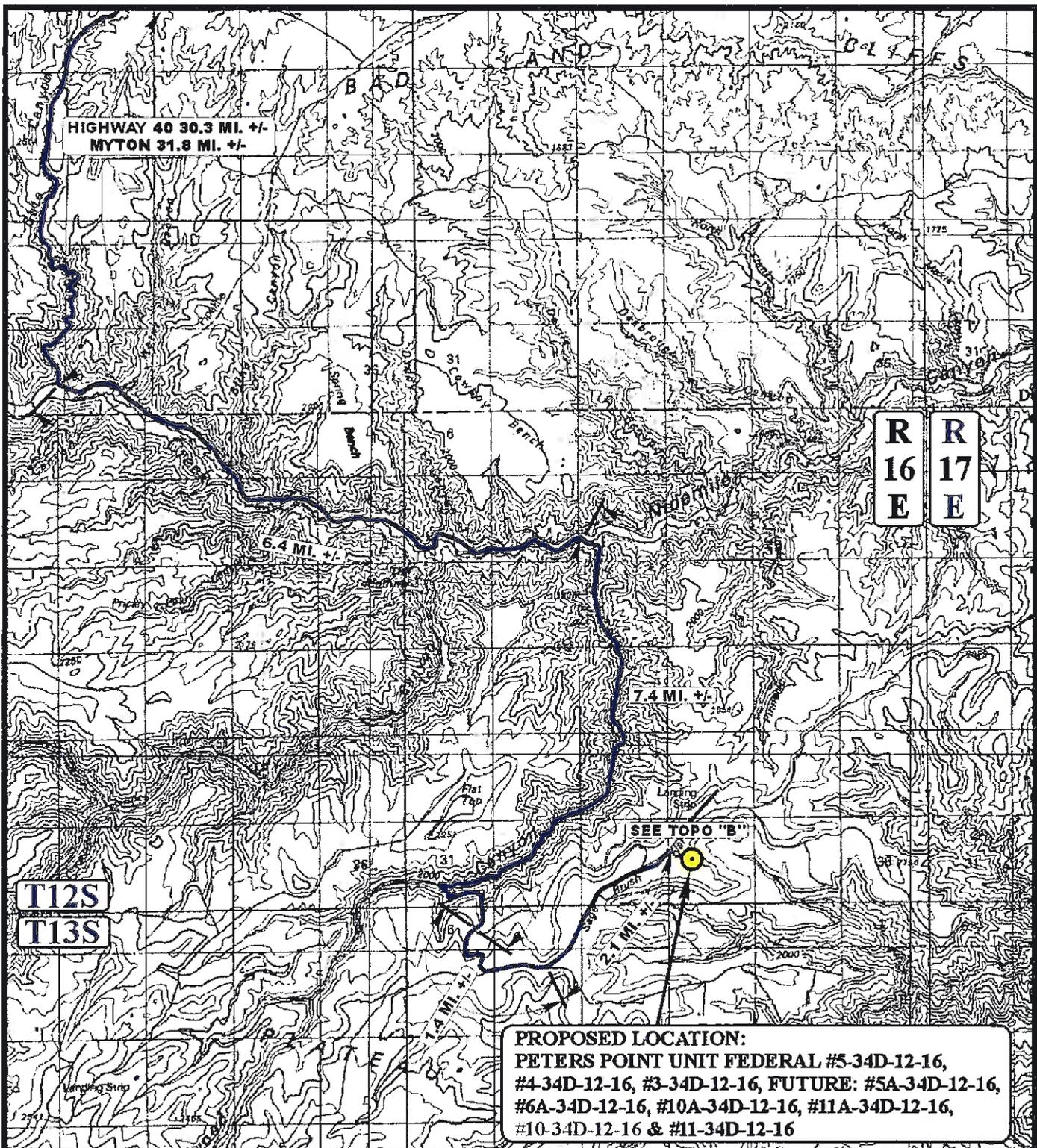
**UINTAH ENGINEERING & LAND SURVEYING**  
25 So. 200 East • Ferris, Utah 84702 • (435) 788-1017

**RECEIVED** August 10, 2010

**BILL BARRETT CORPORATION**  
**PETERS POINT UNIT FEDERAL #5-34D-12-16,**  
**#4-34D-12-16, #3-34D-12-16, FUTURE: #5A-34D-12-16,**  
**#6A-34D-12-16, #10A-34D-12-16, #11A-34D-12-16,**  
**#10-34D-12-16 & #11-34D-12-16**  
**SECTION 34, 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 SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY 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 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED SOUTHEASTERLY APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.4 MILES.



R 16  
R 17  
E E

T12S  
T13S

**PROPOSED LOCATION:**  
 PETERS POINT UNIT FEDERAL #5-34D-12-16,  
 #4-34D-12-16, #3-34D-12-16, FUTURE: #5A-34D-12-16,  
 #6A-34D-12-16, #10A-34D-12-16, #11A-34D-12-16,  
 #10-34D-12-16 & #11-34D-12-16

**LEGEND:**

● PROPOSED LOCATION

**BILL BARRETT CORPORATION**

N  
 PETERS POINT UNIT FEDERAL #5-34D-12-16, #4-34D-12-16, #3-34D-12-16,  
 FUTURE: #5A-34D-12-16, #6A-34D-12-16, #10A-34D-12-16, #11A-34D-12-16,  
 #10-34D-12-16 & #11-34D-12-16  
 SECTION 34, T12S, R16E, S.L.B.S.M.  
 SE 1/4 NW 1/4

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

**TOPOGRAPHIC MAP** 03 26 08  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: C.N. REV: 06-16-10 C.C. **TOPO**

R  
16  
E

**PROPOSED LOCATION:  
CENTRAL TANK BATTERY**

**PROPOSED ACCESS 110' +/-**

**EXISTING ACCESS 0.2 MI. +/-**

**EXISTING ACCESS 0.1 MI. +/-**

PPUF #2-34D,  
PPUF #6-34D

T12S

T13S

**CORE SAGE  
GROUSE AREA**

**PROPOSED LOCATION:  
PETERS POINT UNIT FEDERAL #5-34D-12-16,  
#4-34D-12-16, #3-34D-12-16, FUTURE: #5A-34D-12-16,  
#6A-34D-12-16, #10A-34D-12-16, #11A-34D-12-16,  
#10-34D-12-16 & #11-34D-12-16**

1/8 MILE  
WSA

1/4 MILE  
WSA

SAG HIGHWAY 40 47.6 MI. +/-  
MYTON 49.1 MI. +/-

**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ROAD ACCESS

**BILL BARRETT CORPORATION**

**N**  
PETERS POINT UNIT FEDERAL #5-34D-12-16, #4-34D-12-16, #3-34D-12-16,  
FUTURE: #5A-34D-12-16, #6A-34D-12-16, #10A-34D-12-16, #11A-34D-12-16,  
#10-34D-12-16 & #11-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.S.M.  
SE 1/4 NW 1/4



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

**TOPOGRAPHIC** 03 26 08  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.N. REV: 06-16-10 C.C.



RECEIVED August 10, 2010

R  
16  
E

**PROPOSED LOCATION:  
CENTRAL TANK BATTERY  
& WATER MANAGEMENT  
FACILITY**

**PROPOSED ACCESS ROAD**

**CORE SAGE  
GROUSE AREA**

**PROPOSED WATER/  
CONDENSATE PIPELINES**

**TIE-IN POINT**

**PPUF #2-34D,  
PPUF #6-34D**

**EXISTING PIPELINE**

**PROPOSED LOCATION:  
PETERS POINT UNIT FEDERAL #5-34D-12-16,  
#4-34D-12-16, #3-34D-12-16, FUTURE: #5A-34D-12-16,  
#6A-34D-12-16, #10A-34D-12-16, #11A-34D-12-16,  
#10-34D-12-16 & #11-34D-12-16**

**T12S**

**T13S**

**LEGEND:**

- 1 ELEVATION 7,215'
- 2 ELEVATION 7,225'
- 3 ELEVATION 7,243'

**APPROXIMATE TOTAL WATER/CONDENSATE PIPELINE DISTANCE = 996' +/-**

**LEGEND:**

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

**BILL BARRETT CORPORATION**

**PETERS POINT UNIT FEDERAL #5-34D-12-16, #4-34D-12-16, #3-34D-12-16,  
FUTURE: #5A-34D-12-16, #6A-34D-12-16, #10A-34D-12-16, #11A-34D-12-16,  
#10-34D-12-16 & #11-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.#M.  
SE 1/4 NW 1/4**



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

**TOPOGRAPHIC MAP** 06 16 10  
MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: C.C. REVISED: 00-00-00 **TOPO**

RECEIVED August 10, 2010



## DRILLING PROGRAM

BILL BARRETT CORPORATION

***Peter's Point Unit Federal 5-34D-12-15***

SENW, 2432' FNL, 1456' FWL, Sec. 34, T12S-R16E (surface hole)

SWNW, 2029' FNL, 641' FWL, Sec. 34, 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	3263*	3200'*
North Horn	5129'*	5015'*
Dark Canyon	6769'*	6655'*
Price River	6979'*	6865'*
TD	8000'*	7800'*

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

**3. BOP and Pressure Containment Data**

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP 11" 3000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.	

**4. Casing Program**

<u>Hole Size</u>	<u>Setting Depth</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>From</u>	<u>To</u>					
26"	Surface	40'	16"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and 7 7/8"	Surface	8000'	5 1/2" 4 1/2"	17.0# 11.6#	I-100 N -80	LT&C LT&C	New New

Note: BBC will use one of the options of production casing size noted above. Casing grade for each option could be I-100, P-110 or I-80. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

**5. Cementing Program**

16" Conductor Casing	Grout cement
9 5/8" Surface Casing	<p><i>Lead</i> with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft<sup>3</sup>/sx).</p> <p><i>Tail</i> with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = 1.16 ft<sup>3</sup>/sx) circulated to surface with 100% excess.</p>
5 1/2" Production Casing  <b>OR</b>  4 1/2" Production Casing	<p><i>Lead</i> with approximately 320 sx (4 1/2" csg) or 260 sx (5 1/2" csg) of Halliburton Light Premium cement with additives mixed at 12.5 ppg (yield = 1.96 ft<sup>3</sup>/sx).</p> <p><i>Tail</i> with approximately 1340 sx (4 1/2" csg) or 1110 sx (5 1/2" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft<sup>3</sup>/sk), circulated to ~800' with 15% excess.</p>

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.

**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.

**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 1841 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: October 1, 2010  
Spud: December 31, 2010  
Duration: 10 days drilling time  
30 days completion time

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## Other -Onshore Variances Requested

### Use of an EFM and Flow Conditioner (Onshore Order No. 5)

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)

### Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation will comply with the following surface air drilling operation requirements:

1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Peter's Point Unit Federal 5-34D-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:	203.6	ft <sup>3</sup>
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

**Cement Data:**

Lead Yield:	2.53	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

**Calculated # of Sacks:**

# SK's Lead:	170
# SK's Tail:	190

**Production Hole Data:**

Total Depth:	8,000'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	5.500"

**Calculated Data:**

Lead Volume:	429.4	ft <sup>3</sup>
Lead Fill:	1,700'	
Tail Volume:	1389.3	ft <sup>3</sup>
Tail Fill:	5,500'	

**Cement Data:**

Lead Yield:	1.91	ft <sup>3</sup> /sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

**Calculated # of Sacks:**

# SK's Lead:	260
# SK's Tail:	1110

**Peter's Point Unit Federal 5-34D-12-16 Proposed Cementing Program**

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<u>Job Recommendation</u>	<u>Surface Casing</u>	
<b>Lead Cement - (650' - 0')</b>		
Varicem™ Cement	Fluid Weight:	12 lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53 ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82 Gal/sk
	Top of Fluid:	0'
	Calculated Fill:	650'
	Volume:	36.25 bbl
	<b>Proposed Sacks:</b>	<b>170 sks</b>
<b>Tail Cement - (1000' - 650')</b>		
Halcem™ System	Fluid Weight:	15.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16 ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98 Gal/sk
	Top of Fluid:	650'
	Calculated Fill:	350'
	Volume:	19.52 bbl
	<b>Proposed Sacks:</b>	<b>190 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>	
<b>Lead Cement - (800' - 2500')</b>		
Halliburton Light Premium	Fluid Weight:	12.5 lbm/gal
0.3% Versaset	Slurry Yield:	1.91 ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'
0.25% Fe-2	Calculated Fill:	1,700'
0.2% Econolite	Volume:	76.48 bbl
	<b>Proposed Sacks:</b>	<b>260 sks</b>
<b>Tail Cement - (2500' - 8000')</b>		
50/50 Poz Premium	Fluid Weight:	13.4 lbm/gal
3.0 % KCL	Slurry Yield:	1.45 ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82 Gal/sk
0.2% FWCA	Top of Fluid:	2,500'
0.3% Super CBL	Calculated Fill:	5,500'
0.125 lbm/sk Poly-E-Flake	Volume:	247.42 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks:</b>	<b>1110 sks</b>



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Peter's Point Unit Federal 5-34D-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:	203.6	ft <sup>3</sup>
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

### Cement Data:

Lead Yield:	2.53	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

### Production Hole Data:

Total Depth:	8,000'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	522.1	ft <sup>3</sup>
Lead Fill:	1,700'	
Tail Volume:	1689.2	ft <sup>3</sup>
Tail Fill:	5,500'	

### Cement Data:

Lead Yield:	1.91	ft <sup>3</sup> /sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

### Calculated # of Sacks:

# SK's Lead:	320
# SK's Tail:	1340

**Peter's Point Unit Federal 5-34D-12-16 Proposed Cementing Program**

<u>Job Recommendation</u>	<u>Surface Casing</u>	
<b>Lead Cement - (650' - 0')</b>		
Varicem™ Cement	Fluid Weight:	12 lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53 ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82 Gal/sk
	Top of Fluid:	0'
	Calculated Fill:	650'
	Volume:	36.25 bbl
	<b>Proposed Sacks:</b>	<b>170 sks</b>
<b>Tail Cement - (1000' - 650')</b>		
Halcem™ System	Fluid Weight:	15.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16 ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98 Gal/sk
	Top of Fluid:	650'
	Calculated Fill:	350'
	Volume:	19.52 bbl
	<b>Proposed Sacks:</b>	<b>190 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>	
<b>Lead Cement - (800' - 2500')</b>		
Halliburton Light Premium	Fluid Weight:	12.5 lbm/gal
0.3% Versaset	Slurry Yield:	1.91 ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'
0.25% Fe-2	Calculated Fill:	1,700'
0.2% Econolite	Volume:	92.99 bbl
	<b>Proposed Sacks:</b>	<b>320 sks</b>
<b>Tail Cement - (2500' - 8000')</b>		
50/50 Poz Premium	Fluid Weight:	13.4 lbm/gal
3.0 % KCL	Slurry Yield:	1.45 ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82 Gal/sk
0.2% FWCA	Top of Fluid:	2,500'
0.3% Super CBL	Calculated Fill:	5,500'
0.125 lbm/sk Poly-E-Flake	Volume:	300.84 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks:</b>	<b>1340 sks</b>



Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT UF 6-34D Pad  
 Well: Peter's Point 5-34D-12-16  
 Wellbore: Peter's Point 5-34D-12-16  
 Design: Design #1  
 Lat: 39° 43' 51.829 N  
 Long: 110° 6' 49.799 W  
 GR: 7219.50  
 KB: WELL @ 7241.50ft (Original Well Elev)



WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

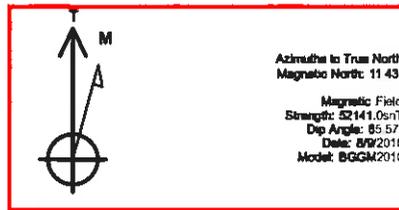
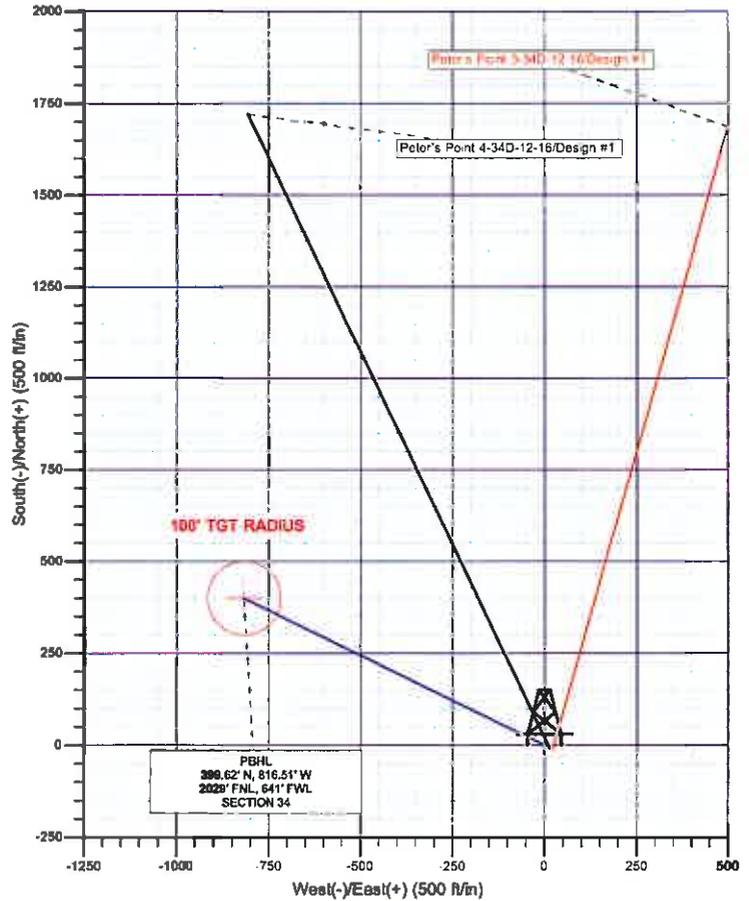
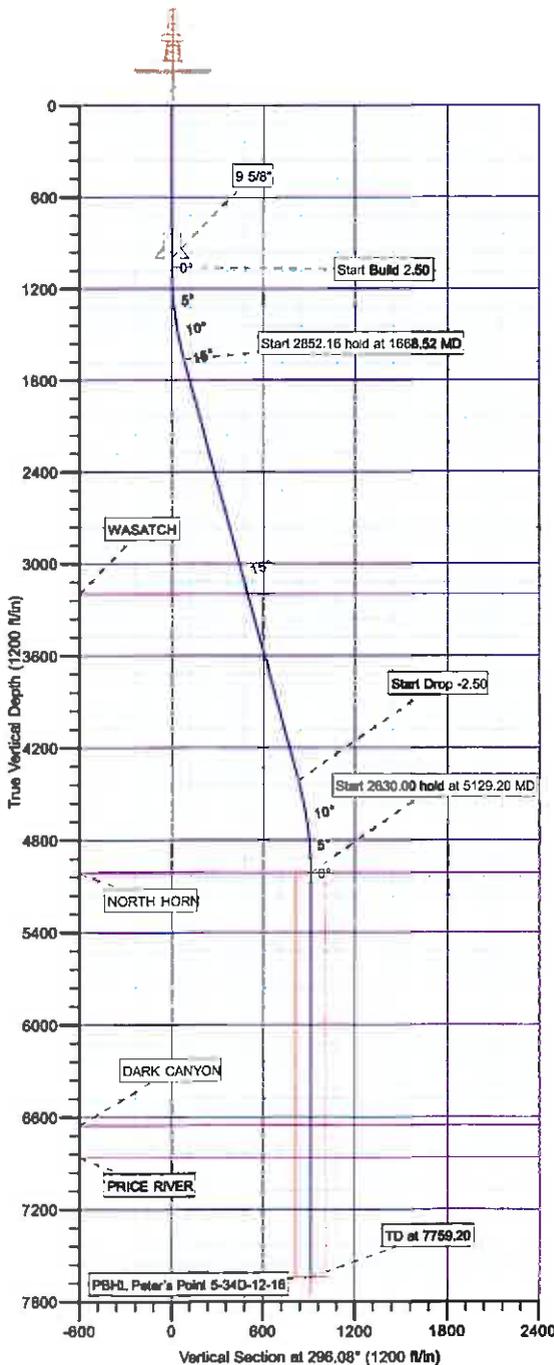
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape
PBHL Peter's Point 5-34D-12-16	7645.00	399.82	-816.51	512478.89	2389005.51	39° 43' 55.578 N	110° 7' 0.250 W	Circle (Radius: 100.00)

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	
1060.00	0.00	0.00	1060.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.50
1688.52	15.21	296.08	1681.40	35.31	-72.14	2.50	296.08	80.31	Start 2852.16 hold at 1688.52 MD
4520.88	15.21	296.08	4413.60	384.32	-744.37	0.00	0.00	828.74	Start Drop -2.50
5129.20	0.00	0.00	5015.00	399.82	-816.51	2.50	180.00	909.05	Start 2630.00 hold at 5129.20 MD
7759.20	0.00	0.00	7645.00	399.82	-816.51	0.00	0.00	909.05	TD at 7759.20

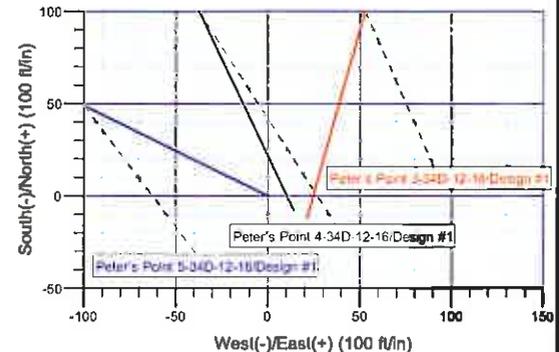
LEGEND

- Peter's Point 4-34D-12-16, Peter's Point 4-34D-12-16, Design #1 V0
- Peter's Point 3-34D-12-16, Peter's Point 3-34D-12-16, Design #1 V0
- Design #1



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3200.00	3263.00	WASATCH
5015.00	5129.20	NORTH HORN
6655.00	6769.20	DARK CANYON
6865.00	6979.20	PRICE RIVER



Plan: Design #1 (Peter's Point 5-34D-12-16/Peter's Point 5-34D-12-16)

Created By: TRACY WILLIAMS Date: 18:05, August 09 2010

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**Bill Barrett Corporation**

## **BILL BARRETT CORP**

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

**PETERS POINT UF 6-34D Pad**

**Peter's Point 5-34D-12-16**

**Peter's Point 5-34D-12-16**

**Plan: Design #1**

## **Standard Planning Report**

**09 August, 2010**



**Weatherford®**

**RECEIVED** August 10, 2010

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Peter's Point 5-34D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Site:</b>	PETERS POINT UF 6-34D Pad	<b>North Reference:</b>	True
<b>Well:</b>	Peter's Point 5-34D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Peter's Point 5-34D-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 UF 6-34D Pad				
<b>Site Position:</b>		<b>Northing:</b>	512,078.13ft	<b>Latitude:</b>	39° 43' 51.510 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,389,849.31ft	<b>Longitude:</b>	110° 6' 49.529 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.89 °

<b>Well</b>	Peter's Point 5-34D-12-16					
<b>Well Position</b>	<b>+N/-S</b>	12.01 ft	<b>Northing:</b>	512,089.81 ft	<b>Latitude:</b>	39° 43' 51.629 N
	<b>+E/-W</b>	-21.10 ft	<b>Easting:</b>	2,389,828.03 ft	<b>Longitude:</b>	110° 6' 49.799 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	7,219.50ft

<b>Wellbore</b>	Peter's Point 5-34D-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>
	BGGM2010	8/9/2010	11.43	65.57	52,141

<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	296.08	

<b>Plan Sections</b>										
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	
1,668.52	15.21	296.08	1,661.40	35.31	-72.14	2.50	2.50	0.00	296.08	
4,520.68	15.21	296.08	4,413.60	364.32	-744.37	0.00	0.00	0.00	0.00	
5,129.20	0.00	0.00	5,015.00	399.62	-816.51	2.50	-2.50	0.00	180.00	
7,759.20	0.00	0.00	7,645.00	399.62	-816.51	0.00	0.00	0.00	0.00	PBHL Peter's Point

RECEIVED August 10, 2010

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Peter's Point 5-34D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Site:</b>	PETERS POINT UF 6-34D Pad	<b>North Reference:</b>	True
<b>Well:</b>	Peter's Point 5-34D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Peter's Point 5-34D-12-16		
<b>Design:</b>	Design #1		

**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	296.08	1,100.00	0.15	-0.31	0.35	2.50	2.50	0.00
1,200.00	3.50	296.08	1,199.91	1.88	-3.84	4.27	2.50	2.50	0.00
1,300.00	6.00	296.08	1,299.56	5.52	-11.28	12.55	2.50	2.50	0.00
1,400.00	8.50	296.08	1,398.75	11.07	-22.61	25.17	2.50	2.50	0.00
1,500.00	11.00	296.08	1,497.30	18.51	-37.82	42.11	2.50	2.50	0.00
1,600.00	13.50	296.08	1,595.02	27.84	-56.88	63.32	2.50	2.50	0.00
<b>Start 2852.16 hold at 1668.52 MD</b>									
1,668.52	15.21	296.08	1,661.40	35.31	-72.14	80.31	2.50	2.50	0.00
1,700.00	15.21	296.08	1,691.77	38.94	-79.56	88.57	0.00	0.00	0.00
1,800.00	15.21	296.08	1,788.27	50.47	-103.12	114.81	0.00	0.00	0.00
1,900.00	15.21	296.08	1,884.76	62.01	-126.69	141.05	0.00	0.00	0.00
2,000.00	15.21	296.08	1,981.26	73.54	-150.26	167.30	0.00	0.00	0.00
2,100.00	15.21	296.08	2,077.75	85.08	-173.83	193.54	0.00	0.00	0.00
2,200.00	15.21	296.08	2,174.25	96.61	-197.40	219.78	0.00	0.00	0.00
2,300.00	15.21	296.08	2,270.75	108.15	-220.97	246.02	0.00	0.00	0.00
2,400.00	15.21	296.08	2,367.24	119.69	-244.54	272.26	0.00	0.00	0.00
2,500.00	15.21	296.08	2,463.74	131.22	-268.11	298.50	0.00	0.00	0.00
2,600.00	15.21	296.08	2,560.23	142.76	-291.68	324.74	0.00	0.00	0.00
2,700.00	15.21	296.08	2,656.73	154.29	-315.25	350.98	0.00	0.00	0.00
2,800.00	15.21	296.08	2,753.22	165.83	-338.82	377.22	0.00	0.00	0.00
2,900.00	15.21	296.08	2,849.72	177.36	-362.39	403.46	0.00	0.00	0.00
3,000.00	15.21	296.08	2,946.22	188.90	-385.96	429.70	0.00	0.00	0.00
3,100.00	15.21	296.08	3,042.71	200.43	-409.53	455.94	0.00	0.00	0.00
3,200.00	15.21	296.08	3,139.21	211.97	-433.10	482.19	0.00	0.00	0.00
<b>WASATCH</b>									
3,263.00	15.21	296.08	3,200.00	219.24	-447.94	498.72	0.00	0.00	0.00
3,300.00	15.21	296.08	3,235.70	223.51	-456.66	508.43	0.00	0.00	0.00
3,400.00	15.21	296.08	3,332.20	235.04	-480.23	534.67	0.00	0.00	0.00
3,500.00	15.21	296.08	3,428.69	246.58	-503.80	560.91	0.00	0.00	0.00
3,600.00	15.21	296.08	3,525.19	258.11	-527.37	587.15	0.00	0.00	0.00
3,700.00	15.21	296.08	3,621.69	269.65	-550.94	613.39	0.00	0.00	0.00
3,800.00	15.21	296.08	3,718.18	281.18	-574.51	639.63	0.00	0.00	0.00
3,900.00	15.21	296.08	3,814.68	292.72	-598.08	665.87	0.00	0.00	0.00
4,000.00	15.21	296.08	3,911.17	304.25	-621.65	692.11	0.00	0.00	0.00
4,100.00	15.21	296.08	4,007.67	315.79	-645.22	718.35	0.00	0.00	0.00
4,200.00	15.21	296.08	4,104.16	327.33	-668.79	744.59	0.00	0.00	0.00
4,300.00	15.21	296.08	4,200.66	338.86	-692.36	770.83	0.00	0.00	0.00
4,400.00	15.21	296.08	4,297.16	350.40	-715.93	797.08	0.00	0.00	0.00
4,500.00	15.21	296.08	4,393.65	361.93	-739.50	823.32	0.00	0.00	0.00
<b>Start Drop -2.50</b>									

**RECEIVED August 10, 2010**

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Peter's Point 5-34D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Site:</b>	PETERS POINT UF 6-34D Pad	<b>North Reference:</b>	True
<b>Well:</b>	Peter's Point 5-34D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Peter's Point 5-34D-12-16		
<b>Design:</b>	Design #1		

**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)
4,520.68	15.21	296.08	4,413.60	364.32	-744.37	828.74	0.00	0.00	0.00
4,600.00	13.23	296.08	4,490.49	372.88	-761.87	848.23	2.50	-2.50	0.00
4,700.00	10.73	296.08	4,588.31	382.01	-780.51	868.98	2.50	-2.50	0.00
4,800.00	8.23	296.08	4,686.93	389.25	-795.31	885.45	2.50	-2.50	0.00
4,900.00	5.73	296.08	4,786.18	394.59	-806.22	897.60	2.50	-2.50	0.00
5,000.00	3.23	296.08	4,885.87	398.02	-813.24	905.41	2.50	-2.50	0.00
5,100.00	0.73	296.08	4,985.80	399.54	-816.34	908.87	2.50	-2.50	0.00
<b>Start 2630.00 hold at 5129.20 MD - NORTH HORN</b>									
5,129.20	0.00	0.00	5,015.00	399.62	-816.51	909.05	2.50	-2.50	0.00
5,200.00	0.00	0.00	5,085.80	399.62	-816.51	909.05	0.00	0.00	0.00
5,300.00	0.00	0.00	5,185.80	399.62	-816.51	909.05	0.00	0.00	0.00
5,400.00	0.00	0.00	5,285.80	399.62	-816.51	909.05	0.00	0.00	0.00
5,500.00	0.00	0.00	5,385.80	399.62	-816.51	909.05	0.00	0.00	0.00
5,600.00	0.00	0.00	5,485.80	399.62	-816.51	909.05	0.00	0.00	0.00
5,700.00	0.00	0.00	5,585.80	399.62	-816.51	909.05	0.00	0.00	0.00
5,800.00	0.00	0.00	5,685.80	399.62	-816.51	909.05	0.00	0.00	0.00
5,900.00	0.00	0.00	5,785.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,000.00	0.00	0.00	5,885.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,100.00	0.00	0.00	5,985.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,200.00	0.00	0.00	6,085.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,300.00	0.00	0.00	6,185.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,400.00	0.00	0.00	6,285.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,500.00	0.00	0.00	6,385.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,600.00	0.00	0.00	6,485.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,700.00	0.00	0.00	6,585.80	399.62	-816.51	909.05	0.00	0.00	0.00
<b>DARK CANYON</b>									
6,769.20	0.00	0.00	6,655.00	399.62	-816.51	909.05	0.00	0.00	0.00
6,800.00	0.00	0.00	6,685.80	399.62	-816.51	909.05	0.00	0.00	0.00
6,900.00	0.00	0.00	6,785.80	399.62	-816.51	909.05	0.00	0.00	0.00
<b>PRICE RIVER</b>									
6,979.20	0.00	0.00	6,865.00	399.62	-816.51	909.05	0.00	0.00	0.00
7,000.00	0.00	0.00	6,885.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,100.00	0.00	0.00	6,985.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,200.00	0.00	0.00	7,085.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,300.00	0.00	0.00	7,185.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,400.00	0.00	0.00	7,285.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,500.00	0.00	0.00	7,385.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,600.00	0.00	0.00	7,485.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,700.00	0.00	0.00	7,585.80	399.62	-816.51	909.05	0.00	0.00	0.00
7,759.20	0.00	0.00	7,645.00	399.62	-816.51	909.05	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 Peter's Point 5- - hit/miss target - Shape - Circle (radius 100.00)	0.00	0.00	7,645.00	399.62	-816.51	512,476.69	2,389,005.51	39° 43' 55.578 N	110° 7' 0.250 W

<b>Database:</b>	EDM 2003.21 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Peter's Point 5-34D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVI Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7241.50ft (Original Well Elev)
<b>Site:</b>	PETERS POINT UF 6-34D Pad	<b>North Reference:</b>	True
<b>Well:</b>	Peter's Point 5-34D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Peter's Point 5-34D-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 (°)
3,263.00	3,200.00	WASATCH		0.00	0.00
5,129.20	5,015.00	NORTH HORN		0.00	0.00
6,769.20	6,655.00	DARK CANYON		0.00	0.00
6,979.20	6,865.00	PRICE RIVER		0.00	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	
1,668.52	1,661.40	35.31	-72.14	Start 2852.16 hold at 1668.52 MD	
4,520.68	4,413.60	364.32	-744.37	Start Drop -2.50	
5,129.20	5,015.00	399.62	-816.51	Start 2630.00 hold at 5129.20 MD	
7,759.20	7,645.00	399.62	-816.51	TD at 7759.20	

**RECEIVED August 10, 2010**

**SURFACE USE PLAN**

BILL BARRETT CORPORATION  
**Peter's Point #6-34D Pad SUP**  
**Carbon County, UT**

<b><u>Peter's Point Unit Federal 3-34D-12-15</u></b> SEnw, 2444' FNL, 1476' FWL, Sec. 34, T12S-R16E (surface hole) NENw, 692' FNL, 1980' FWL, Sec. 34, T12S-R16E (bottom hole)	<b><u>Peter's Point Unit Federal 4-34D-12-15</u></b> SEnw, 2440' FNL, 1469' FWL, Sec. 34, T12S-R16E (surface hole) NWNw, 708' FNL, 658' FWL, Sec. 34, T12S-R16E (bottom hole)
<b><u>Peter's Point Unit Federal 5-34D-12-15</u></b> SEnw, 2432' FNL, 1456' FWL, Sec. 34, T12S-R16E (surface hole) SWNW, 2029' FNL, 641' FWL, Sec. 34, T12S-R16E (bottom hole)	

**This is an existing pad with two well pad with a total of nine directional wells to be added (three to be drilled in Phase 1, six future wells). The onsite for this pad expansion initially occurred July 11, 2008 and a subsequent onsite occurred June 29, 2010 to review pad changes.**

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

1. **Existing Roads:**

- a. The proposed pad is located approximately 49 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. An access road, approximately 1233 ft in length, exists to this pad.
- c. 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 as there are no upgrades to the State or County road systems proposed at this time.
- d. No topsoil stripping would occur as there are no improvements proposed to existing State, County or main BLM access roads.
- e. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- f. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- g. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.
- h. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- i. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Peter's Point Unit area. All new construction would be within the Unit.

2. Planned Access Road:

- a. See 1.b. under Existing Roads for information about the road to the existing pad.
- b. From the existing well pad access road to the proposed Central Tank Battery (CTB)/Future Water Management Facility (WMF) that would house tanks for this pad and future pads, approximately 110 ft of new access road is proposed (see Topographic Map B). A road design plan is not anticipated at this time.
- c. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 ft (0.2 acres short-term) reclaimed to a long-term corridor of 30 ft (0.01).
- d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- e. Intervisible turnouts are not proposed. A maximum grade of 10 percent would be maintained.
- f. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- g. Excess rock from construction of the pad/CTB/WMF may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- h. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- i. Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as necessary.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- l. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition – Revised 2007. BBC would be responsible for all maintenance of the access road.

3. Location of Existing Wells (see One-Mile Radius Map):

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

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	twelve
vii. abandoned wells	ten

4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 72 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Up to six tanks (up to 400-bbls in capacity) would be installed for this pad. Tank facilities for this pad would be re-located to the proposed CTB/WMF located in the SWNW, Sec. 34, T12S-R16E within the Peter's Point unit. Approximately 5.9 acres of disturbance would be required for the construction of the CTB/WMF. As some of the proposed wells are inside the Participating Area (PA) and some wells are outside of the PA, production for non-PA wells would be combined in one set of tanks while production for PA wells would be combined in a separate set of tanks on the CTB/WMF. Figures 1-3 reflect facility plans and are attached.
- c. The CTB/WMF would be fenced and would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the CTB or would utilize catchment basins to contain spills. 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. Any variances from this would be submitted via a sundry notice. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. 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 and any variances would be included with this submittal or submitted via sundry notice.
- f. A combustor may be installed at the proposed CTB/WMF for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 10 ft -27 ft tall.
- g. A 6-inch buried steel gas gathering pipeline, approximately 1,560 ft in length, exists on this pad and ties in to the main 10-inch pipeline. Up to two liquids lines (up to 6 inch maximum diameter) are associated with this application and are being applied for at this time (see Topographic Map C). Multiple liquids lines are necessary to transport PA and non-PA liquids to the appropriate tanks on

the CTB/WMF and a small transfer pump would be set on the well pad, if necessary, to pump liquids as necessary. The liquids lines would leave the north end of the well pad and traverse west to for approximately 996 ft to the CTB/WMF. Liquids would then be trucked from this location.

- h. The proposed new liquids lines would be constructed of steel, polyethylene, or fiberglass and would be buried adjacent to the existing buried gas pipeline, co-located with the existing access road (0.91 short-term disturbance, 0.70 long-term disturbance).
  - i. Burial of pipelines would depend upon the site-specific topographic and soil conditions and operational requirements. The determination to bury or surface lay the pipeline would be made by the Authorized Officer at the time of construction.
  - j. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
  - k. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
  - l. To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
  - m. All **permanent** above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
  - n. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
  - o. The site would 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.
5. Location and Type of Water Supply:
- a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:
    - Application Number 90-1863, expires June 6, 2011
    - Application Number 98-860, expires September 30, 2010
    - Application Number 90-4, expires December 31, 2014
    - Application Number 90-1861, expires May 11, 2011
  - b. Water use for this location would most likely be diverted from Nine Mile Creek, the S¼ of Section 8, T12S-R16E or from a water well located in the N¼ 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.
  - c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

6. Source of Construction Material:

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

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.

Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 230 ft x 100 ft cuttings trench (indicated as reserve pit/cuttings trench on Figure 1 located outboard of the location along the south side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would 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 would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

Completion Pit

- h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

Other

- i. Produced fluids from the wells other than water would be decanted into steel test tanks until such time as construction of production facilities is completed. Produced water may be used in further drilling and completion activities, evaporated in the pit or would be hauled to a state approved disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- l. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. 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) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.

- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- b. BLM approved and permitted storage yards for tubulars and other equipment and temporary housing areas would be utilized
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 415 ft x 175 ft with a 230 ft x 100 ft (3.5 acres short-term of which only 0.3 acres is proposed new, 1.3 acres long-term) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

Interim Reclamation (see Figure 4)

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.

- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeded would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, where practicable.
- c. The operator would 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.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

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 a cultural resource inventory for this location under MOAC 06-430 (9/22/06), MOAC 09-161 (10/7/09) and for the CTB under MOAC 06-284 (8/15/06).
- b. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - No dogs within the WTP Project Area;
  - No firearms within the WTP Project Area;
  - No littering within the WTP Project Area;
  - Smoking within the WTP Project Area would only be allowed in off-operator active locations or in specifically designated smoking areas. All cigarette butts would be placed in appropriate containers and not thrown on the ground or out windows of vehicles; personnel and contractors would abide by all fire restriction orders;
  - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
  - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed surface disturbances are within the Peter's Point unit on lease UTU-08107 while bottom hole disturbances occur on lease UTU-08107 and UTU-071595. Total disturbances for this proposal are:

Approximate NEW Acreage Disturbances					
	Pad	Co-Located Access/Pipeline	Pipeline Adjacent to Existing Road	CTB/WMF	Total
Short-Term	0.30 <sup>1</sup>	0.21	0.91	5.86	7.28
Long-Term	1.26	0.08	0.69	5.86	7.89

<sup>1</sup>Existing disturbance from this pad is 3.2 acres but is not included as "new".

RECEIVED August 10, 2010

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 would 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 10<sup>th</sup> day of August 2010  
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 Brandon Murdock  
Address: 1820 W. Hwy 40, Roosevelt, UT 84066  
Telephone: 435-724-5252  
E-mail: bmurdock@billbarrettcorp.com

Tracey Fallang  
Tracey Fallang, Regulatory Manager

**RECEIVED** August 10, 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-08107
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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
--	--

<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 5-34D-12-16
------------------------------------	--

<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314670000
--	---

<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> PETERS POINT
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2432 FNL 1456 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/7/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input 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 style="width: 50px;" type="text"/>

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 letter and affidavit of notice is attached. As per Marvin Hendrickson with the Price BLM, federal authority of this action is not necessary.

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

Date: September 21, 2010

By: *Derek Quist*

<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> 8/26/2010	



**Bill Barrett Corporation**

August 5, 2010

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

Attention: Dustin Doucet

RE: Sundry Notices  
Peters Point Unit  
NW Section 34 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 Unit Federal 3-34D-12-16, 4-34D-12-16 & 5-34D-12-16 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 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt  
Landman

Enclosures

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

**RECEIVED** August 26, 2010



AFFIDAVIT OF NOTICE

My name is Vicki L. Wambolt and I am a 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 3-34D-12-16, 4-34D-12-16 & 5-34D-12-16 wells drilled from the 6-34 pad located in the SENW of Section 34, 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: August 5, 2010

Affiant

  
\_\_\_\_\_  
Vicki L. Wambolt

RECEIVED August 26, 2010

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
O 303.293 9100  
F 303.291 0420





**Bill Barrett Corporation**

August 5, 2010

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

Certified Mail 7008 2810 0002 3823 8828

Attention: Marvin Hendricks

RE: Sundry Notices  
Peters Point Unit  
NW Section 34 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 Unit Federal 3-34D-12-16, 4-34D-12-16 & 5-34D-12-16 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 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt  
Landman

Enclosures

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
O 303 293 9100  
F 303 291 0420

**RECEIVED** August 26, 2010



**Bill Barrett Corporation**

August 5, 2010

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

Attention: Dustin Doucet

RE: Sundry Notices  
Peters Point Unit  
NW Section 34 T12S R16E  
Carbon Co., UT

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Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION**

Vicki L. Wambolt  
Landman

Enclosures

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SUITE 2300  
DENVER, CO 80202  
O 303 293 9100  
F 303 291 0420

**RECEIVED** August 26, 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-08107
---	--

<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 5-34D-12-16
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<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314670000
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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> PETERS POINT
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<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2432 FNL 1456 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 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 checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 2/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input 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 checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

This sundry is being submitted as a request to extend this APD which expires on 11/4/2010. This is a federal well planned to be drilled in early February for which federal approval was recently received and the pad has been built.

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

**Date:** November 04, 2010

**By:**

<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> 11/3/2010	



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

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43007314670000**

**API:** 43007314670000

**Well Name:** PPU FED 5-34D-12-16

**Location:** 2432 FNL 1456 FWL QTR SENW SEC 34 TWP 120S RNG 160E MER S

**Company Permit Issued to:** BILL BARRETT CORP

**Date Original Permit Issued:** 11/4/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
- Has the approved source of water for drilling changed?  Yes  No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
- Is bonding still in place, which covers this proposed well?  Yes  No

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

**Signature:** Brady Riley

**Date:** 11/3/2010

**Title:** Permit Analyst **Representing:** BILL BARRETT CORP

**Date:** November 04, 2010

**By:** 

RECEIVED

AUG 11 2010

COPY

Form 3160-3  
(August 2007)

BLM - Price, UT

UNITED STATES

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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-08107
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. Peters Point / UTU-63014D
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202		8. Lease Name and Well No. Peter's Point Unit Federal 5-34D-12-16
3b. Phone No. (include area code) 303-312-8134		9. API Well No. 43-007-31467
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENW, 2432' FNL, 1456' FWL At proposed prod. zone SWNW, 2029' FNL, 641' FWL, Sec. 34		10. Field and Pool, or Exploratory Peter's Point/Wasatch-Mesaverde
14. Distance in miles and direction from nearest town or post office* approximately 50 miles from Myton, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 34, T12S-R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 611'	16. No. of acres in lease 640	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. 1344'	19. Proposed Depth 8000' MD	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7219' graded ground	22. Approximate date work will start* 10/01/2010	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 10/14/2008
Title Regulatory Manager		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) Jason Kowalski	Date 11/16/2010
Title <b>ACTING FIELD MANAGER</b>		
<b>PRICE FIELD OFFICE</b>		

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)

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NOV 18 2010

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED



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      Surface Location: SENW-Sec 34-T12S-R16E  
Well No: Peters Point Unit Federal 5-34D-12-16      Lease No: UTU-08107  
API No: 43-007-31467      Agreement: UTU-63014D

**OFFICE NUMBER:                    (435) 636-3600**

**OFFICE FAX NUMBER:            (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 (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (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.

**RECEIVED**

**NOV 18 2010**

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

**UDOGM**

## **DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)**

### **SITE SPECIFIC DRILLING & PRODUCTION COAs**

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

### **VARIANCES GRANTED**

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
  1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

## **STANDARD OPERATING REQUIREMENTS**

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H<sub>2</sub>S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The closing unit controls shall remain unobstructed and readily accessible at all times, and choke manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- 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. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

**STANDARD OPERATING REQUIREMENTS (cont.)**

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging of the well (unless the plugging is to take place immediately upon receipt of oral approval), so that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

**SURFACE USE  
CONDITIONS OF APPROVAL**

Project Name: BBC Peter's Point Drilling Program One Multiple Well Location

Operator: Bill Barrett Corporation

**List of Wells:**

Name	Number	Section	TWP/RNG
Peter's Point Unit Federal	3-34D-12-16	34	12S/16E
Peter's Point Unit Federal	4-34D-12-16		
Peter's Point Unit Federal	5-34D-12-16		

**I To be followed as Conditions of Approval:**

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

**II Site Specific Conditions of Approval**

1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 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.
2. A Paleontologist permitted by BLM will monitor construction activity during surface disturbing activities described in the APD. If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan. Contact the Price Field Office paleontological lead (Michael Leschin @ 435-636-3619) prior to start of surface disturbing activities.
3. The cuttings trench shall be lined.
4. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
5. The operator shall follow the attached Upper Colorado River Recovery Program guidance.

6. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
7. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
8. 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.

### **III Standard Conditions of Approval**

#### **A. General**

1. 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).

#### **B. Construction**

1. 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.
2. 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.
3. 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.

#### **C. Operations/Maintenance**

1. 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.

#### **D. Dry Hole/Reclamation**

1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
2. 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.
3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
4. 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.

#### **E. Producing Well**

1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
2. 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.
3. 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.

#### **F. Roads and Pipelines**

1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

## Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider--a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of **\$5,502** for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation  
1133 15th Street, NW  
Suite 1100  
Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

CONFIDENTIAL

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: BILL BARRETT CORPORATION

Well Name: PPU FED 5-34D-12-16

Api No: 43-007-31467 Lease Type FEDERAL

Section 34 Township 12S Range 16E County CARBON

Drilling Contractor TRIPLE A DRILLING RIG #

**SPUDDED:**

Date 12/15/2010

Time

How DRY

**Drilling will Commence:**

Reported by BRADY RILEY

Telephone # (303) 312-8115

Date 12/16/2010 Signed CHD

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) 312-8115

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731467	Peters Point Unit Fed 5-34D-12-16		SEnw	34	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>	<i>12/14/2010</i>		<i>12/29/10</i>		
Comments: Spudding Operation was conducted by Triple A Drilling @ 8:00 am. <i>WSMVD</i> <i>BHL = SWNW</i>						<b>CONFIDENTIAL</b>	

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731468	Peters Point Unit Fed 4-34D-12-16		SEnw	34	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>	<i>12/14/2010</i>		<i>12/29/10</i>		
Comments: Spudding Operation was conducted by Triple A Drilling @ 4:00 pm. <i>WSMVD</i> <i>BHL = NWNW</i>						<b>CONFIDENTIAL</b>	

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731466	Peters Point Unit Fed 3-34D-12-16		SEnw	34	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>	<i>12/15/2010</i>		<i>12/29/10</i>		
Comments: Spudding Operation was conducted by Triple A Drilling @ 11:00 am. <i>WSMVD</i> <i>BHL = NENW</i>						<b>CONFIDENTIAL</b>	

**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)

Brady Riley

Name (Please Print)  
Brady Riley

Signature  
Permit Analyst

12/20/2010

Title

Date

**RECEIVED**  
**DEC 20 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-08107
<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 5-34D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314670000
<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> 2432 FNL 1456 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 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: 1/1/2011	<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"/> OTHER	OTHER: <input type="text" value="well test procedures"/>

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

This sundry is being submitted to further clarify testing procedures discussed and verbally approved by the BLM as well as final equipment installations on Peter's Point 6-34D Pad(see attached). Please contact Brady Riley with questions at 303-312-8115.

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

Date: 12/28/2010  
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> 12/21/2010	

General Well Testing

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

Details specific to the Peter's Point 6-34D Pad are as follows:

Well Name	API	Drill Phase <sup>1</sup>	Lease UTU-	PA Boundary	Facilities
Peter's Point Unit Fed					
6A-34D-12-16	not yet permitted	2	08107	In	1) All phase 1 wells proposed are within the PA; Phase 2 wells are outside the PA. 2) Liquids to be piped to a newly constructed central tank battery (CTB) and future water management facility located in the SWNW, Sec. 34, T12S-R16E. Four buried liquid lines were laid, up to 4 inches in diameter. One PA and one PA test, one non-PA and one non-PA test. 3) One 6 inch buried gas line existed to the 10 inch tie-in. 4) One 300-bbl low profile test tank to be installed on the 6-34D pad. All production tanks were moved to the CTB and up to 6-625 bbl tanks are onsite at the CTB. 5) Two existing (in PA wells) are located on the 6-34D pad and production would be combined between these and the newly proposed in PA wells.
10-34D-12-16	not yet permitted	2	UTSL-071595	Out	
10A-34D-12-16	not yet permitted	2	UTSL-071595	Out	
11-34D-12-16	not yet permitted	2	UTSL-071595	Out	
11A-34D-12-16	not yet permitted	2	UTSL-071595	Out	
3-34D-12-16	4300731466	1	08107	In	
4-34D-12-16	4300731468	1	08107	In	
5-34D-12-16	4300731467	1	08107	In	
5A-34D-12-16	not yet permitted	2	08107	In	

<sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

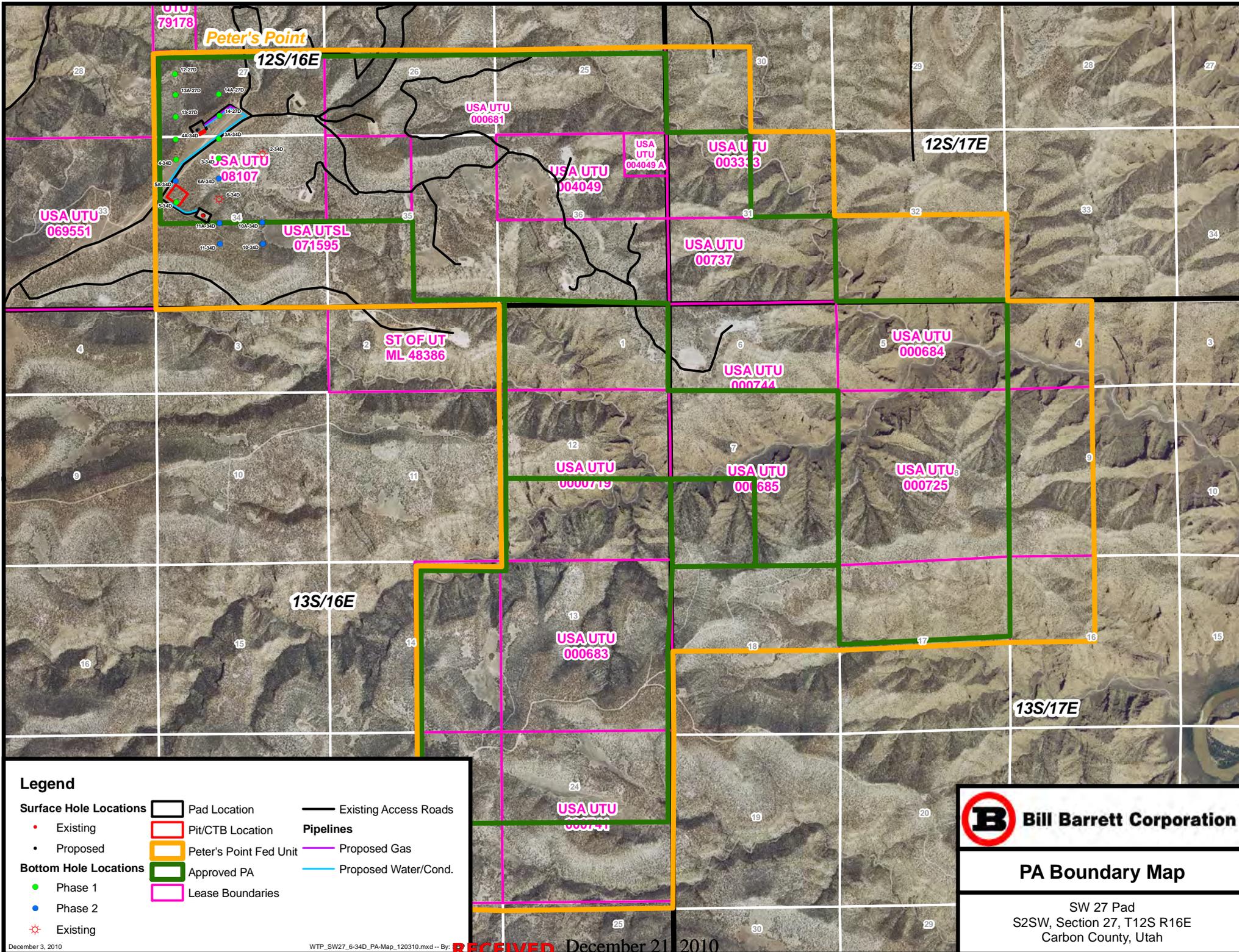
Peter's Point 6-34D Pad and SW 27 Pad

Details specific to the Peter's Point SW 27 Pad are as follows:

Well Name	API	Drill Phase <sup>1</sup>	Lease UTU-	PA Boundary	Facilities
Peter's Point Unit Fed					
3A-34D-12-16	4300750063	1	08107	In	1) All phase 1 wells proposed are within the PA, no phase 2 wells are proposed. 2) Liquids to be piped to a newly constructed central tank battery (CTB) and future water management facility located in the SWNW, Sec. 34, T12S-R16E. Two buried liquid lines were laid - one 4 inch PA line to main road that ties into an 8 inch line ran to the CTB and one 2 inch test line from the pad to the CTB. 3) One 8 inch buried gas line to the main tie-in was laid along with a 12 inch buried gas line to the future Sage Brush Flats Compressor Stn. 4) One 300-bbl low profile test tank to be installed on the SW 27 pad. The SWNW 34 CTB will have up to 6-625 bbl tanks. 5) Two existing (in PA wells) are located on the 6-34D pad and production would be combined between these and the newly proposed in PA wells.
4A-34D-12-16	4300750064	1	08107	In	
13-27D-12-16	4300750066	1	08107	In	
12-27D-12-16	4300750065	1	08107	In	
14-27D-12-16	4300750068	1	08107	In	
13A-27D-12-16	4300750067	1	08107	In	
14A-27D-12-16	4300750069	1	08107	In	

<sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

Liquids would be combined among PA wells from both pads on the CTB location.



UTU 79178

Peter's Point

12S/16E

12S/17E

13S/16E

13S/17E

**Legend**

<b>Surface Hole Locations</b>	Pad Location	Existing Access Roads
Existing	Pit/CTB Location	<b>Pipelines</b>
Proposed	Peter's Point Fed Unit	Proposed Gas
<b>Bottom Hole Locations</b>	Approved PA	Proposed Water/Cond.
Phase 1	Lease Boundaries	
Phase 2		
Existing		

**Bill Barrett Corporation**

**PA Boundary Map**

SW 27 Pad  
S2SW, Section 27, T12S R16E  
Carbon County, Utah

**Carol Daniels - Peters Point 5-34D surface spud**

---

**From:** Jody South  
**To:** Walton Willis , Walton Willis 12S 16E 3A  
**Date:** 1/18/2011 10:05 PM  
**Subject:** Peters Point 5-34D surface spud  
**CC:** Alan Walker , Ashley , Carol Daniels , Dennis Ingram , Dominic Spencer , Don Stephens ,  
Doug Sproul , Marvin Hendricks , Randy Bywater , Tracey Fallang , Troy Schindler

---

Mr. Willis,

Tomorrow morning Bill Barrett Corp. will use the Pro Petro No. 5 air rig to spud surface on the Peters Point 5-34D-12-16, API# 43-007-31467, then run casing and cement tomorrow night.

Jody South

RECEIVED  
JAN 19 2011  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-08107
<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 5-34D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314670000
<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> 2432 FNL 1456 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 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"/> <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: 1/1/2011	<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.

January Monthly Activity Report attached.

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

<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> 2/2/2011



Well Name: Peter's Point #5-34D-12-16

Report #: 2.0, DFS: 35.92  
Depth Progress:

Table with 6 columns: Well Name, API/UWI, License No., Extra Well ID B, Operator, Govt Authority. Includes data for Peter's Point #5-34D-12-16, 4300731467, Bill Barrett Corporation, BLM.

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

Jobs section table with columns: Job Category, Primary Job Type, Start Date, End Date, Spud Date. Includes D & C, Drilling & Completion, 11/10/2010 00:00, 12/14/2010 08:00.

Daily Operations section table with columns: Rig, Report Start Date, Report End Date, Operations @ 6:00 AM, Operations Next Report Period, Status at Reporting Time. Includes 1/18/2011, 1/19/2011, DRILLING.

24 Hour Summary  
Drill 12.25" Surface & Cement  
Remarks

Table with columns: Daily Cost Total, Cum Cost To Date, Daily Mud Cost, Mud Additive Cost To Date, Actual Phase Cost. Includes Depth Start (ftKB) 0.0, Depth End (ftKB) 0.0.

Daily Time Breakdown table with columns: Start Time, End Time, Dur (hrs), Cum Dur (hrs), Code, Category, Phase, Problem Ref #, Comment.

Mud Checks section table with columns: Date, Type, Depth (ftKB), Filtrate (mL/30min), pH, Solids (%), Density (lb/gal), Gel (10m) (lb/100...), Gel (10s) (lb/100ft²), PV Override (cp), Vis 3rpm, Vis 100rpm, YP OR (lb/100ft²).

BBC Supervisor section table with columns: Job Contact, Office.

Drill Bits section table with columns: Type, Make, Model, Len (ft), Size (in), SN, Conn Sz (in), Thread, Depth Drilled This Job (ft), Gauge Length (ft), 1, 2, 3, 4.

Drill Strings section table with columns: BHA No., Drill String Name, Bit Run, Drill Bit, BHA Objective, BHA Result, Nozzles (/32"), String Length (ft), String Wt (1000lb), Depth In (ftKB), Depth Out (ftKB), Depth Drilled (ft), BHA ROP (ft/hr), Drilling Time (hrs).

Drill String Components section table with columns: Item Description, OD (in), ID (in), Mass/Len (lbs/ft), Grade, Len (ft), Jts, Top Thread.

Drilling Parameters section table with columns: Wellbore, Depth Start (ftKB), Depth End (ftKB), Cum Depth Drilled (ft), Drilling Time (hrs), Cum Drilling Time (hrs), Interval ROP (ft/hr), Flow Rate (gpm), Weight on Bit (1000lb), RPM (rpm), SPP (psi), Drill Str Wt (1000lb), PU Str Wt (1000lb), SO Str Wt (1000lb), Drilling Torque, Off Bottom Torque, Q (g in) (ft³/min), T (Inj) (°F), P (BH Ann) (psi), BH Temperature (°F), P(Surf Ann) (psi), T (surf ann) (°F), Liquid Return Rate (gpm), Gas Return Rate (ft³/min).

Hydraulic Calculations section table with columns: Bit Hydraulic Power (hp), HP/Area (hp/in²), Bit Jet Velocity (ft/s), Bit Pressure Drop (psi), Percent of Pressure Drop at Bit (%), Max Casing AV (ft/min), Max Open Hole AV (ft/min), Min Casing AV (ft/min), Min Open Hole AV (ft/min), ECD End (lb/gal).

Error

Rigs section table with columns: Rig Number, Contractor, Rig Type, Rotary System, Rig Start Date, Rig Release Date, Rig Supervisor.



Well Name: Peter's Point #5-34D-12-16

Report #: 2.0, DFS: 35.92  
Depth Progress:

Well Name Peter's Point #5-34D-12-16	API/UWI 4300731467	License No.	Extra Well ID B	Operator Bill Barrett Corporation	Govt Authority BLM
Well Configuration Type Deviated	Original KB Elevation (ft)	Ground Elevation (ft) 7,219.00	KB-Ground Distance (ft)	Regulatory Drilling Spud Date	Regulatory Rig Release Date
Surface Legal Location SENW, Sec. 34, T12S-R16E	North/South Distance (ft) 2,432.0	North/South Reference FNL	East/West Distance (ft) 1,456.0	East/West Reference FWL	Lat/Long Datum
Latitude (DMS)	Longitude (DMS)	Basin	Field Name	County	State/Province

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

Mud Pumps									
No.	Make	Model	Start Date	End Date	Action Type	Serial Number	Pwr (hp)	Rod Dia (in)	Stroke (in)

Pump Operations					
Start Date	End Date	Liner Size (in)	Vol/Stk OR (bbl/stk)	Optimum Vol Per Stroke (bbl/stk)	Maximum Pressure (psi)

Pump Checks					
Date	Depth (ftKB)	Strokes (spm)	Pressure (psi)	Slow Speed Check?	Volumetric Efficiency (%)
				No	

Safety Incidents						
Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Wellbores						
Job	Parent Wellbore	Start Depth (ftKB)	VS Dir (°)	Wellbore Name	Total Depth (ftKB)	
Drilling & Completion, 11/10/2010 00:00	Original Hole			Original Hole	1,030.00	

Wellbore Sections							
Section	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Act Top (TVD) (ftKB)	Act Btm (TVD) (ftKB)	Start Date	End Date
Surface	12 1/4	0.0	1,030.0			1/18/2011	1/19/2011
Conductor	24	0.0	40.0			12/14/2010	12/14/2010

Deviation Surveys		
Description	Date	Job

Survey Data					
MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company	TVD (ftKB)

Last Casing String		
Casing Description	Run Date	Set Depth (ftKB)
Surface	1/19/2011	1,008.9

Casing Components										
Item Description	Jts	OD (in)	Wt (lbs/ft)	Grade	ID (in)	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	24	9 5/8	36.00	J-55	8.921	ST&C	962.30	0.0	962.3	
Float Collar	1	9 5/8			8.750		1.40	962.3	963.7	
Casing Joints	1	9 5/8	36.00	J-55	8.921	ST&C	44.22	963.7	1,007.9	
Shoe	1	9 5/8			8.750		1.00	1,007.9	1,008.9	

<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-08107
<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 5-34D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314670000
<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> 2432 FNL 1456 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 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"/> <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: 2/28/2011	<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.  
 There is no monthly activity for the month of Febuary for this well.

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

<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> 3/2/2011

T12S R16E S-34 API# 43-007-31467

**CONFIDENTIAL**

**From:** Pat12 <pat12@billbarrettcorp.com>  
**To:** "Marvin\_Hendricks@blm.gov" <Marvin\_Hendricks@blm.gov>, "Walton\_Willis@bl..."  
**Date:** 3/18/2011 11:43 AM  
**Subject:** Spud notice

ON PATTERSON #12 FOR BILL BARRETT CO.  
PETERS POINT 6-34 PAD, WELL #3 PETERS POINT UNIT FEDERAL 5-34D-12-16  
API# 43-007-31467 WE WILL BE DRILLING OUT AROUND 12:00 HRS 3/19/11  
PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

BILL BARRETT CORP  
PATTERSON #12  
435-214-4429

**RECEIVED**

**MAR 22 2011**

DIV. OF OIL, GAS & MINING

**Carol Daniels - FW: B.O.P. test Peter's Point UF 5-34D-12-16 (43-007-31467) TIAS R 16 E 5-34**

---

**From:** Doug Sproul  
**To:** "Marvin\_Hendricks@blm.gov", "Walton\_Willis@blm.gov", "caroldaniels@utah.gov", "alan\_walker@blm.gov", "randy\_bywater@blm.gov", "dennisingram@utah.gov", "waltonwillis@yahoo.com"  
**Date:** 3/18/2011 7:13 AM  
**Subject:** FW: B.O.P. test Peter's Point UF 5-34D-12-16 (43-007-31467)  
**CC:** Brady Riley , Tracey Fallang

---

All;  
Patterson-UTI rig 12 will be testing BOPs on Peter's Point UF 5-34D-12-16, API#43-007-31467, Peter's Point 6-34 pad. I apologize for the duplicate notification as the well details were omitted from the previous email below.  
Regards,

**Doug Sproul**  
Drilling Engineer  
**Direct:** 303.312.8174 | **Cell:** 303.653.3518 | **Fax:** 303.291.0420  
1099 18th St. Suite 2300, Denver, CO 80202  
[dsproul@billbarrettcorp.com](mailto:dsproul@billbarrettcorp.com)



---

**From:** Pat12  
**Sent:** Friday, March 18, 2011 2:29 AM  
**To:** Marvin\_Hendricks@blm.gov; Walton\_Willis@blm.gov; caroldaniels@utah.gov; Tracey Fallang; alan\_walker@blm.gov; randy\_bywater@blm.gov; Brady Riley; Doug Sproul; dennisingram@utah.gov; waltonwillis@yahoo.com  
**Subject:** B.O.P. test

We should be testing B.O.P. around 2:00 am 3/19/11

BILL BARRETT CORP  
PATTERSON #12  
435-214-4429

**RECEIVED**  
**MAR 22 2011**  
DIV. OF OIL, GAS & MINING

T12SR16E 5-34 43-007-31467

**From:** Pat12 <pat12@billbarrettcorp.com>  
**To:** "Marvin\_Hendricks@blm.gov" <Marvin\_Hendricks@blm.gov>, "Walton\_Willis@bl..."  
**Date:** 3/26/2011 7:06 PM  
**Subject:** running casing & cementing

ON PATTERSON RIG #12 , FOR BILL BARRETT CORP.  
PETERS POINT 6-34 PAD ,WELL- PETERS POINT UNIT FEDERAL 5-34D-12-16  
API #43-007-31467 WE WILL BE RUNNING SURFACE CSG & CEMENTING  
ON OR ABOUT 3/27/11 AM  
IF ANY QUESTIONS OR CONCERNS PLEASE CALL  
THANKS

BILL BARRETT CORP  
PATTERSON #12  
435-214-4429

RECEIVED  
MAR 28 2011  
DIV. OF OIL, GAS & MINING




**Peter's Point #5-34D-12-16 3/18/2011 06:00 - 3/19/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
RIG DOWN - SKID RIG 16' MOVE BACK YARD (BOILER, FUEL TANKS, MUD PUMPS, LIGHT PLANT, WATER TANKS, CEMENT BULK TANKS, MUD TANKS, KOOMY & CHOKE HOUSE - 9.5, RIG UP SAME - 7.5, NIPPLE UP B.O.P. - R/U CHOKE LINE - FLOW LINE - TURNBUCKLES & FLARE LINES - RIG ACCEPTED BACK ON DAY WORK @ 2300 HRS 3/18/11 - 1.5, R/U TESTER & TEST B.O.P. (UPPER KELLY VALVE, LOWER KELLY VALVE, INSIDE BOP, SAFETY VALVE, PIPE RAMS & INSIDE VALVE, BLIND RAMS, KILL LINE, CHOKE LINE INSIDE VALVE, CHOKE LINE OUTSIDE VALVE) ALL @ 10 MIN 3000 PSI HIGH & 5 MIN 250 PSI LOW - ANNULAR TESTED @ 10MIN 1500 PSI HIGH 5 MIN 250 PSI LOW - CSG TEST @ 30 MIN 1500 PSI - 5, INSTALL WEAR BUSHING - 0.5						

**Peter's Point #5-34D-12-16 3/19/2011 06:00 - 3/20/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
P/U DIR. TOOLS - M/U BIT - LOAD MWD TOOL & OREINT SAME - 1, T.I.H. - 3, DRLG CEMENT, FLOAT, & SHOE - TAG CEMENT @ 953', FLOAT @ 984' SHOE @ 1028' - DRILLING WITH 30 RPM 5-8K WT ON BIT & 378 GPM - 2.5, DRLG F/1050' T/1284' - DRLG W/ 50 RPM 18K WT ON BIT 560 GPM - 2.5, RIG SERVICE - 0.5, DRLG F/1284' T/1442' - DRLG W/ 50 RPM 18K WT ON BIT & 560 GPM - 2.5, REPLACE BROKEN LOCK PIN ON ROTARY TABLE - 0.5, DRLG F/1442' T/2396' - DRLG W/ 48 RPM 20K WT ON BIT & 560 GPM - 11.5						

**Peter's Point #5-34D-12-16 3/20/2011 06:00 - 3/21/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
DRLG F/2396' T/3221' - DRLG W/40 RPM 22K WT ON BIT & 560 GPM - 10, RIG SERVICE - 0.5, DRLG F/3321 T/ -4112' DRLG W/ 40 RPM 22K WT ON BIT & 560 GPM PUMPING HIGH VIS SWEEPS AS NEEDED TO KEEP HOLE CLEAN - 13.5						

**Peter's Point #5-34D-12-16 3/21/2011 06:00 - 3/22/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
DRLG F/4127' T/4874' - DRLG W/40 RPM 25K WT ON BIT 560 GPM - 11.5, RIG SERVICE - 0.5, DRLG F/4874' T/5477' - DRLG W/40 RPM 25K WT ON BIT & 560 GPM - 12						

**Peter's Point #5-34D-12-16 3/22/2011 06:00 - 3/23/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
DRLG F/5477' - T/5583' 25K ON BIT BOTH PUMPS @ 90 STKS 560 GPM - 1.5, PUMPED TWO HIGH VIS SWEEPS CIRCULATE OUT TOO H FOR BIT - 2, TOO H FOR BIT WORK TIGHT HOLE- CHANGE MUD MOTOR & BIT RUN HWDP IN HOLE - 13.5, RIG SERVICE - 0.5, TIH - 1, REAM 4 JTS DOWN - 1.5, TIH - 1						

**Peter's Point #5-34D-12-16 3/23/2011 06:00 - 3/24/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
FINISH TIH CIRCULATE TO BOTTOM - 1.5, DRILLING F/ 5583' - T/ 6077' ONE PUMP @120 STKS 30K ON BIT 40 RPM ON ROTARY - 8, LUBRICATE RIG - 0.5, DRLG F/ 6077' - T/ 6236' ONE PUMP @120 STKS 25K ON BIT 37 RPM ON ROTARY DRILLING NORTH HORN FORMATION - 4.5, RIG REPAIR ST-80 - 0.5, DRLG F/ 6236' - T/ 6459' ONE PUMP @120 STKS 25K ON BIT 37 RPM ON ROTARY - 4.5, BY PASS WASHED LINE ON PUMP #1 ( BUILT PLUG) - 1, DRLG F/ 6459' - T/ 6554' ONE PUMP @120 STKS 25 K ON BIT 37 RPM ON ROTARY - 3.5						

**Peter's Point #5-34D-12-16 3/24/2011 06:00 - 3/25/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
DRLG F/ 6854' - T/ 6808' PUMP #2 @120 STKS 25K ON BIT 35RPM ON ROTARY - 10.5, RIG SERVICE / LUBRICATE RIG - 0.5, DRLG F/ 6808' - T/ 6839' PUMP #2 @ 120 STKS 25 K ON BIT 35 ON ROTARY DRILLING DARK CANYON FORMATION - 1, PUMP TWO SWEEPS CONDITION HOLE- PUMP DRY PILL FOR TRIP - 1.5, TOO H - 3.5, CHANGE BITS/ DIRECTIONAL WORK CHECK MOTOR - 0.5, TIH - 2.5, KELLY UP FILL PIPE / WASH TO BOTTOM - 0.5, DRLG F/ 6839' - T/ 6967' PUMP #2 @ 120 STKS 25 K ON BIT 35 RPM ON ROTARY - 3.5						

**Peter's Point #5-34D-12-16 3/25/2011 06:00 - 3/26/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
DRLG F/ 6967' - T/ 7665' ONE PUMP @120 STKS 25K ON BIT 35 ON ROTARY - 21, CIRCULATE SWEEP BOTTOMS UP - 1.5, SHORT TRIP 10 STDS - TRIP BACK IN HOLE - 1.5						


**Peter's Point #5-34D-12-16 3/26/2011 06:00 - 3/27/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
PUMP TWO HIGH VIS SWEEPS CIRCULATE TO SURFACE- PUMP DRY PILL - 1.5, TOO H FOR LOG- LAYDOWN MWD TOOL & MOTOR - 5.5, RUN TRIPLE COMBO LOG W/ HALLIBURTON- TAG @ 7669' - 5, LUBRICATE RIG - 0.5, TIH FOR LAYDOWN - 3.5, CIRCULATE HOLE CLEAN - RIG UP LAY DOWN CREW - 1.5, TOO H LAYDOWN PIPE - 5, PULL ROTATING HEAD AND WEAR RING - 0.5, RIG UP FRANKS TO RUN CASING - 1						

**Peter's Point #5-34D-12-16 3/27/2011 06:00 - 3/28/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
FINISH RIGGING UP CASING CREW - RUN 175 JTS 4.5" P-110 CASING 7664' - 7, CIRCULATE CASING WAITING FOR HALLIBURTON TO RIG UP - 3, 5 BBL FRESH WATER SPACER - 40 BBL SUPER FLUSH- 10 BBL SPACER - 570 SKS 12.5# 1.91 YIELD LEAD - 1195 SKS 13.4 # 1.46 YIELD - DISPLACED W/ 118 BBL WATER PLUG LAND 2200 PSI 500 PSI OVER - FLOATS HELD - 2, NIPPLE DOWN BOPE - SET SLIPS @ 110 K 20 K OVER STING WEIGHT OF 88 K - 4, RIG DOWN RIG FLOOR - 8						

**Peter's Point #5-34D-12-16 3/28/2011 06:00 - 3/29/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary						
RIG DOWN FLOOR - ELECTRIC & WATER LINES - RIG RELEASED 3/29/11 @ 6 AM ZEECO DEWATERING UNIT- KNIGHT OIL - ZEECO GENERATOR- KNIGHT OIL TOOL SHWDP -RELEASED 3/28/11 - TRUCKS SHOWING UP @ 7:30 TO RIG DOWN RIG & HAUL TO PATTERSON YARD- STALLION RELEASED ON 3/30/11 - USANCO RELEASED 3/30/11 - KENT COMMUNICATION RELEASED 3/30/11 - DAWN'S UPRIGHT TANKS RELEASED 3/29/11 - 12, WAIT ON DAYLIGHT FOR TRUCKS - 12						






**Peter's Point #5-34D-12-16 4/3/2011 06:00 - 4/4/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary INSTALLED TBG HEAD ON 4/1/11 - 4, RUN IN HOLE W/ 3.75" GAUGE RING / JUNK BASKET. TAG @ 7544' WLM. FC @ 7618'. POOH - 1, RIH W/ CBL TOOLS. CORRELATE TO OH LOG. LOG F/ 8028'. 20' CORRECTION. POOH LOGGING. VERY GOOD BOND 8022' TO 3134'. GOOD BOND TO 2280'. FAIR TO POOR TO TOP OF CEMENT @ 600'. - 3, SHUT IN - 16						

**Peter's Point #5-34D-12-16 4/8/2011 06:00 - 4/9/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary Finish modifying cellar grates. NU Cameron frac mandrel, and test. NU WGPC 4-1/16 10M x 1-13/16 10M frac tree. NU Seaboard "Frac Y". Spot in Linde, and PraxAir storage vessels, and start filling. Spot in 4- 500 bbl frac fluid tanks. Meeting with RFR on water transfer line from WTF, and utilizing production 4" poly line. One Delsco/Northwest sand trap was hauled to location. HES worked on equipment @ camp. - 24						

**Peter's Point #5-34D-12-16 4/9/2011 06:00 - 4/10/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary WSI. MIRU B & C Quick Test. Test casing/frac tree to 8500#, for 15 minutes. Had to change out 2 grease zerks on tree valves. Good test. Bleed to 0#. RD test truck. MIRU production sand traps. Set 2 more flow back tanks. Haul frac sand. Fill frac fluid tanks. Spot in Cathedral equipment. Rain-For-Rent is working on water transfer line. - 24						

**Peter's Point #5-34D-12-16 4/10/2011 06:00 - 4/11/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary WSI. RU Cathedral test equipment, and lines. Rain-For-Rent finished RU water transfer line from Water Treatment Facility. Finished filling CO2 vessels. Set light towers. - 24						

**Peter's Point #5-34D-12-16 4/17/2011 06:00 - 4/18/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary SICP: 0 - 5.75, Cutters EL stage 1 Price River. PU 10 ft. perf guns. RIH correlate to short jts. run to perf depth check depth to casing collars. Perforate at 7560-7562, 7453-7455, 7443-7445, 7433-7435 & 7394-7396, 3 SPF, 120 phasing, 23 gram charge, .350 holes. POOH turn well over to frac. - 1, Safety Meeting. Monitor H2S, monitor cellar & loc, Fracs, CO2, Water, smoking area, trucks on loc. shut down loc if needed. LELs, wind. - 0.25, HES Frac stage 1 Price River 70Q foam frac. Load & Break @ 3413 PSI @ 5.1 BPM. Avg. Wellhead Rate: 33.3 BPM. Avg. Slurry Rate: 12.4 BPM. Avg. CO2 Rate: 16 BPM. Avg. Pressure: 5433 PSI. Max. Wellhead Rate: 34.8 BPM. Max. Slurry Rate: 24.7 BPM. Max. CO2 Rate: 22 BPM. Max Pressure: 6,171 PSI. Total Fluid Pumped; 17,310 gal. Total Sand in Formation: 72,000 lb. (20/40 White) Praxair CO2 Downhole: 105 tons CO2 Cooldown: 6 tons. ISIP: 3,568 PSI. Frac Gradient: 0.92 psi/ft. No frac problems. Successfully flushed wellbore with 50 Q foam 50 bbl over flush with 500 gal. fluid csp. - 1, Cutters EL stage 2 Price River. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7340 ft. PU. Pressure up casing. Perforate @ 7290-7292, 7243-7245, 7194-7196 & 7186-7190, 3 SPF, 120 phasing, 23 gram charge. .340 holes. POOL turn well over to frac. - 1.25, HES frac stage 2 Price River 70 foam frac. Load & Break @ 4012 PSI @ 16.5 BPM. Avg. Wellhead Rate: 28.7 BPM. Avg. Slurry Rate: 11.6 BPM. Avg. CO2 Rate: 16.1 BPM. Avg. Pressure: 5113 PSI. Max. Wellhead Rate: 32.1 BPM. Max. Slurry Rate: 13.7 BPM. Max. CO2 Rate: 22.5 BPM. Max. Pressure: 5370 PSI. Total Fluid Pumped; 12,708 gal. Total Sand in Formation: 46,200 lb. (20/40 White) Praxair CO2 Downhole: 73 tons. CO2 Cooldown: 6 tons. ISIP: 3,160 PSI. Frac Gradient: 0.88 psi/ft. Had to change out computer on Blender before start of job. down 20 mins. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1.25, Cutters EL stage 3 Dark Canyon. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7110 ft. PU. Pressure up casing. perforate @ 7008-7010, 6996-6998, 6978-6980, 6958-6960 & 6943-6945, 3 SPF, 120 phasing, 23 gram charge, .350 holes. POOH turn well over to frac. - 1.25, HES frac stage 3 Dark Canyon 70Q foam frac. Load & Break @ 4292, PSI @ 15 BPM. Avg. Wellhead Rate: 38.1 BPM. Avg. Slurry Rate: 15.5 BPM. Avg. CO2 Rate: 21.3 BPM. Avg. Pressure: 6512 PSI. Max. Wellhead Rate: 39.9 BPM. Max Slurry Rate: 18.2 BPM. Max. CO2 Rate: 24.7 BPM. Max. Pressure: 7052 PSI. Total Fluid Pumped; 28,966 gal. Total Sand in Formation: 144,200 lb. (20/40 White Sand) Linde CO2 Downhole: 192 tons. CO2 Cooldown: 5 tons. ISIP: 3,286 PSI. Frac Gradient: 0.91 psi/ft. No frac problems. Successfully flushed wellbore with 50 Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, SIFN monitor PSI over night - 11						



**Peter's Point #5-34D-12-16 4/18/2011 06:00 - 4/19/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

Time Log Summary

SICP: 2200 - 5.75, Cutters EL stage 4 Dark Canyon. PU HES CFP with 12 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6920 ft. PU. Pressure up casing. Perforate @ 6858-6860, 6847-6849, 6827-6829, 6806-6808, 6798-6800 & 6784-6786, 3SPF, 120 phasing, 23 gram charge, .350 holes. POOH turn well over to frac. - 1, Safety Meeting. PPE, monitor cellar, Flow back equipment & flare. pressure lines. CO2, water, H2S. - 0.25, Repair blender Wiring - 0.7, Pressure test. HES frac stage 4 Dark Canyon 70Q foam frac. Load & Break @ 4,079 PSI @ 15.1 BPM. Avg. Wellhead Rate: 37.8 BPM. Avg. Slurry Rate: 15.4 BPM. Avg. CO2 Rate: 21.2 BPM. Avg. Pressure: 6,511 PSI. Max. Wellhead Rate: 39.3 BPM. Max. Slurry Rate: 18.2 BPM. Max. CO2 Rate: 25.3 BPM. Max. Pressure: 7,120 PSI. Total fluid Pumped: 27,153 gal. Total Sand in formation: 134,000 lb.(20/40 White) Linde CO2 Downhole: 177 tons. CO2 Cooldown: 6 tons. ISIP: 3,551 PSI. Frac Gradient: 0.96 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters EL stage 5 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6740 ft. PU. Pressure up casing. Perforate @ 6674-6676, 6668-6670, 6663-6665, 6658-6660 & 6648-6650, 3SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1.15, HES frac stage 5 North Horn 60Q foam frac. Load & Break @ 3261 PSI @ 15.2 BPM. Avg. Wellhead Rate: 28.5 BPM. Avg. Slurry Rate: 13.7 BPM. Avg. CO2 Rate: 13.8 BPM. Avg. Pressure: 5439 PSI. Max. Wellhead Rate: 29.7 BPM. Max. Slurry Rate: 16.6 BPM. Max. CO2 Rate: 19.4 BPM. Max. Pressure: 5,661 PSI. Total Fluid Pumped; 17,636 gal. Total Sand in Formation: 59,900 lb.(20/40 White) Praxair CO2 Downhole; 79 Tons. CO2 Cooldown: 6 tons. ISIP: 4,017 PSI. Frac Gradient: 1.04 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1.15, Cutters EL stage 6 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6300 ft. PU. Pressure up casing. Perforate @ 6222-6224, 6181-6183, 6123-6127 & 6088-6090, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES frac stage 6 North Horn 60Q foam frac. Load & Break @ 4,188 PSI @ 15.3 BPM. Avg. Wellhead Rate: 38.2 BPM. Avg. Slurry Rate: 18.5 BPM. Avg. CO2 Rate: 18.5 BPM. Avg. Pressure: 6431 PSI. Max. Wellhead Rate: 39.8 BPM. Max. Slurry Rate: 22.3 BPM. Max. CO2 Rate: 24.8 BPM. Max. Pressure: 7,380 PSI. Total Fluid Pumped: 56,414 gal. Total Sand in Formation: 252,000 lb.(20/40 White) Linde CO2 Downhole: 279 tons CO2 Cooldown: 6 tons. ISIP: 3,581 PSI. Frac Gradient: 1.02 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1.6, SI. NO FRAC STAGE 7 HES DID NOT ORDER SAND FOR STAGE 7 / CO2 & water on loc. to do stage 7. HES did not want trucks standing by if stage 6 did not go. NEED SAND for stages 7-10. SIFN flow back monitor psi over night. - 10.4

**Peter's Point #5-34D-12-16 4/19/2011 06:00 - 4/20/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

Time Log Summary

SICP: 2100 - 6, Cutters EL stage 7 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6084 ft. PU. Pressure up casing. Perforate @ 6058-6060, 6051-6053, 6036-6038 & 6028-6032, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, Safety Meet. Frac's Rig down wire line & frac equipment. Flow lines. Cellar monitor, PPE. Flow back, CO2. Safety problems shut down job. - 0.25, HES frac stage 7 North Horn 60Q foam frac. Load & Break @ 5,617 PSI @ 14.8 BPM. Avg. Wellhead Rate: 38 BPM. Avg. Slurry Rate: 18.4 BPM. Avg. CO2 Rate: 18.4 BPM. Avg. Pressure: 6,879 PSI. Max. Wellhead Rate: 39.6 BPM. Max. Slurry Rate: 22.2 BPM. Max. CO2 Rate: 25.4 BPM. Max. Pressure: 7,400 PSI. Total Fluid Pumped: 24,188 gal. Total Sand in Formation: 94,000 lb. (20/40 White) Praxair Co2 Downhole; 114 tons. CO2 Cooldown: 6 tons. ISIP: 3,792 PSI. Frac Gradient: 1.07 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters EL stage 8 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6000 ft. PU. Pressure up casing. Perforate @ 5960-5962, 5953-5955, 5943-5945, 5864-5866 & 5778-5780, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES frac stage 8 North Horn 60Q foam frac. Load & Break @ 6,177 PSI @ 15 BPM. Avg. Wellhead Rate: 38 BPM. Avg. Slurry Rate: 18.5 BPM. Avg. CO2 Rate: 18.3 BPM. Avg. Pressure: 6,433 PSI. Max. Wellhead Rate: 39.9 BPM. Max. Slurry Rate: 22.3 BPM. Max. CO2 Rate: 25.5 BPM. Max. Pressure: 6,908 PSI. Total Fluid Pumped; 21,740 gal. Total Sand in Formation: 81,000 lb.(20/40 White) Praxair CO2 Downhole: 97 tons. CO2 Cooldown: 6 tons. ISIP: 3,408 PSI. Frac Gradient: 1.02 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 0.9, Cutters EL stage 9 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ ft. PU. Pressure up casing. Perforate @ 5581-5583, 5495-5497, 5485-5487 & 5477-5479, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES frac stage 9 North Horn 60Q foam frac. Load & Break @ 3,231 PSI @ 15.2 BPM. Avg. Wellhead Rate: 28.6 BPM. Avg. Slurry Rate: 13.9 BPM. Avg. CO2 Rate: 13.5 BPM. Avg. Pressure: 4,861 PSI. Max. Wellhead Rate: 29.8 BPM. Max. Slurry Rate: 16.7 BPM. Max. CO2 Rate: 18.8 BPM. Max. Pressure: 5,025 PSI. Total Fluid Pumped: 16,340 gal. Total Sand in Formation: 55,000 lb.(20/40 White) Linde CO2 Downhole: 69 tons. CO2 Cooldown: 4 tons. ISIP: 2,942 PSI. Frac Gradient: 0.97 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 0.9, Cutters EL stage 10 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5380 ft. PU. Pressure up casing. Perforate @ 5322-5324, 5240-5242, 5230-5232, 5217-5219 & 5204- 5206, 3SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 0.95, HES frac stage 10 North Horn 60Q foam frac. Load & Break @ 3,601 PSI @ 15.4 BPM. Avg. Wellhead Rate: 28.6 BPM. Avg. Slurry Rate: 14 BPM. Avg. CO2 Rate: 13.5 BPM. Avg. Pressure: 4,682 PSI. Max. Wellhead Rate: 29.8 BPM. Max. Slurry Rate: 16.6 BPM. Max. CO2 Rate: 19 BPM. Max. Pressure: 5,045 PSI. Total Fluid Pumped; 19,138 gal. Total Sand in Formation: 76,640 lb.(20/40 White) Linde CO2 Downhole: 84 tons. CO2 Cooldown: 4 tons. ISIP: 2,954 PSI. Frac Gradient: 1.00 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 10 bbl over flush with 500 gal. fluid cap. - 1, SIW. Rig down HES frac and Cutters Wire line and release. - 2, Flow back stages 1-10 through Cathedral flow equipment to open top tanks and test equipment. Total BBLs to recover: 5754. - 8

**Peter's Point #5-34D-12-16 4/20/2011 06:00 - 4/21/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

Time Log Summary

Flow back stages 1-10 through Cathedral flow equipment. FCP: 725 psi on 3/4" choke. recovered 768 bbl in 14 hours avg of 54.85 BPH. CO2 : over 40%. H2S: 1 ppm. gas rate of 3.712 MMCFD. Total bbls left to recover 4986. - 6, Flow stages 1-10 clean up for production sales. - 18


**Peter's Point #5-34D-12-16 4/21/2011 06:00 - 4/22/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

## Time Log Summary

Flow stages 1-10 through Cathedral flow equipment. FCP: 775 on 3/4 ck. recovered 438 bbl in 24 hours avg. of 18.25 BPH. CO2 over 40%. H2S: 1 ppm. 4,548 bbl left to recover. Gas rate of 3,968 MMCFD. - 6, Flow through test equipment to flare stack. - 18

**Peter's Point #5-34D-12-16 4/22/2011 06:00 - 4/23/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

## Time Log Summary

Flow back stages 1-10 through Cathedral flow equip. FCP: 700 psi on 48 ck. recovered 247 bbl in 24 hours. Avg. of 10.29 BPH. Fluid left to recover 4,301 bbl. CO2: 15%. H2S: .5 ppm. Gas rate of 3,518 MMCFD. - 6, Flow stages 1-10 total fluid left to recover 4188 bbl. CO2: 14% H2S .5 ppm - 11, Turn casing flow to sales 800 psi on 30 ck. gas rate of 5.2 MMCFD - 7




**Peter's Point #5-34D-12-16 4/3/2011 06:00 - 4/4/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary INSTALLED TBG HEAD ON 4/1/11 - 4, RUN IN HOLE W/ 3.75" GAUGE RING / JUNK BASKET. TAG @ 7544' WLM. FC @ 7618'. POOH - 1, RIH W/ CBL TOOLS. CORRELATE TO OH LOG. LOG F/ 8028'. 20' CORRECTION. POOH LOGGING. VERY GOOD BOND 8022' TO 3134'. GOOD BOND TO 2280'. FAIR TO POOR TO TOP OF CEMENT @ 600'. - 3, SHUT IN - 16						

**Peter's Point #5-34D-12-16 4/8/2011 06:00 - 4/9/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary Finish modifying cellar grates. NU Cameron frac mandrel, and test. NU WGPC 4-1/16 10M x 1-13/16 10M frac tree. NU Seaboard "Frac Y". Spot in Linde, and PraxAir storage vessels, and start filling. Spot in 4- 500 bbl frac fluid tanks. Meeting with RFR on water transfer line from WTF, and utilizing production 4" poly line. One Delsco/Northwest sand trap was hauled to location. HES worked on equipment @ camp. - 24						

**Peter's Point #5-34D-12-16 4/9/2011 06:00 - 4/10/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary WSI. MIRU B & C Quick Test. Test casing/frac tree to 8500#, for 15 minutes. Had to change out 2 grease zerks on tree valves. Good test. Bleed to 0#. RD test truck. MIRU production sand traps. Set 2 more flow back tanks. Haul frac sand. Fill frac fluid tanks. Spot in Cathedral equipment. Rain-For-Rent is working on water transfer line. - 24						

**Peter's Point #5-34D-12-16 4/10/2011 06:00 - 4/11/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary WSI. RU Cathedral test equipment, and lines. Rain-For-Rent finished RU water transfer line from Water Treatment Facility. Finished filling CO2 vessels. Set light towers. - 24						

**Peter's Point #5-34D-12-16 4/17/2011 06:00 - 4/18/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion
Time Log Summary SICP: 0 - 5.75, Cutters EL stage 1 Price River. PU 10 ft. perf guns. RIH correlate to short jts. run to perf depth check depth to casing collars. Perforate at 7560-7562, 7453-7455, 7443-7445, 7433-7435 & 7394-7396, 3 SPF, 120 phasing, 23 gram charge, .350 holes. POOH turn well over to frac. - 1, Safety Meeting. Monitor H2S, monitor cellar & loc, Fracs, CO2, Water, smoking area, trucks on loc. shut down loc if needed. LELs, wind. - 0.25, HES Frac stage 1 Price River 70Q foam frac. Load & Break @ 3413 PSI @ 5.1 BPM. Avg. Wellhead Rate: 33.3 BPM. Avg. Slurry Rate: 12.4 BPM. Avg. CO2 Rate: 16 BPM. Avg. Pressure: 5433 PSI. Max. Wellhead Rate: 34.8 BPM. Max. Slurry Rate: 24.7 BPM. Max. CO2 Rate: 22 BPM. Max Pressure: 6,171 PSI. Total Fluid Pumped; 17,310 gal. Total Sand in Formation: 72,000 lb. (20/40 White) Praxair CO2 Downhole: 105 tons CO2 Cooldown: 6 tons. ISIP: 3,568 PSI. Frac Gradient: 0.92 psi/ft. No frac problems. Successfully flushed wellbore with 50 Q foam 50 bbl over flush with 500 gal. fluid csp. - 1, Cutters EL stage 2 Price River. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7340 ft. PU. Pressure up casing. Perforate @ 7290-7292, 7243-7245, 7194-7196 & 7186-7190, 3 SPF, 120 phasing, 23 gram charge. .340 holes. POOL turn well over to frac. - 1.25, HES frac stage 2 Price River 70 foam frac. Load & Break @ 4012 PSI @ 16.5 BPM. Avg. Wellhead Rate: 28.7 BPM. Avg. Slurry Rate: 11.6 BPM. Avg. CO2 Rate: 16.1 BPM. Avg. Pressure: 5113 PSI. Max. Wellhead Rate: 32.1 BPM. Max. Slurry Rate: 13.7 BPM. Max. CO2 Rate: 22.5 BPM. Max Pressure: 5370 PSI. Total Fluid Pumped; 12,708 gal. Total Sand in Formation: 46,200 lb. (20/40 White) Praxair CO2 Downhole: 73 tons. CO2 Cooldown: 6 tons. ISIP: 3,160 PSI. Frac Gradient: 0.88 psi/ft. Had to change out computer on Blender before start of job. down 20 mins. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1.25, Cutters EL stage 3 Dark Canyon. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7110 ft. PU. Pressure up casing. perforate @ 7008-7010, 6996-6998, 6978-6980, 6958-6960 & 6943-6945, 3 SPF, 120 phasing, 23 gram charge, .350 holes. POOH turn well over to frac. - 1.25, HES frac stage 3 Dark Canyon 70Q foam frac. Load & Break @ 4292, PSI @ 15 BPM. Avg. Wellhead Rate: 38.1 BPM. Avg. Slurry Rate: 15.5 BPM. Avg. CO2 Rate: 21.3 BPM. Avg. Pressure: 6512 PSI. Max. Wellhead Rate: 39.9 BPM. Max Slurry Rate: 18.2 BPM. Max. CO2 Rate: 24.7 BPM. Max. Pressure: 7052 PSI. Total Fluid Pumped; 28,966 gal. Total Sand in Formation: 144,200 lb. (20/40 White Sand) Linde CO2 Downhole: 192 tons. CO2 Cooldown: 5 tons. ISIP: 3,286 PSI. Frac Gradient: 0.91 psi/ft. No frac problems. Successfully flushed wellbore with 50 Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, SIFN monitor PSI over night - 11						



**Peter's Point #5-34D-12-16 4/18/2011 06:00 - 4/19/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

Time Log Summary

SICP: 2200 - 5.75, Cutters EL stage 4 Dark Canyon. PU HES CFP with 12 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6920 ft. PU. Pressure up casing. Perforate @ 6858-6860, 6847-6849, 6827-6829, 6806-6808, 6798-6800 & 6784-6786, 3SPF, 120 phasing, 23 gram charge, .350 holes. POOH turn well over to frac. - 1, Safety Meeting. PPE, monitor cellar, Flow back equipment & flare. pressure lines. CO2, water, H2S. - 0.25, Repair blender Wiring - 0.7, Pressure test. HES frac stage 4 Dark Canyon 70Q foam frac. Load & Break @ 4,079 PSI @ 15.1 BPM. Avg. Wellhead Rate: 37.8 BPM. Avg. Slurry Rate: 15.4 BPM. Avg. CO2 Rate: 21.2 BPM. Avg. Pressure: 6,511 PSI. Max. Wellhead Rate: 39.3 BPM. Max. Slurry Rate: 18.2 BPM. Max. CO2 Rate: 25.3 BPM. Max. Pressure: 7,120 PSI. Total fluid Pumped: 27,153 gal. Total Sand in formation: 134,000 lb.(20/40 White) Linde CO2 Downhole: 177 tons. CO2 Cooldown: 6 tons. ISIP: 3,551 PSI. Frac Gradient: 0.96 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters EL stage 5 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6740 ft. PU . Pressure up casing. Perforate @ 6674-6676, 6668-6670, 6663-6665, 6658-6660 & 6648-6650. 3SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1.15, HES frac stage 5 North Horn 60Q foam frac. Load & Break @ 3261 PSI @ 15.2 BPM. Avg. Wellhead Rate: 28.5 BPM. Avg. Slurry Rate: 13.7 BPM. Avg. CO2 Rate: 13.8 BPM. Avg. Pressure: 5439 PSI. Max. Wellhead Rate: 29.7 BPM. Max. Slurry Rate: 16.6 BPM. Max. CO2 Rate: 19.4 BPM. Max. Pressure: 5,661 PSI. Total Fluid Pumped; 17,636 gal. Total Sand in Formation: 59,900 lb.(20/40 White) Praxair CO2 Downhole; 79 Tons. CO2 Cooldown: 6 tons. ISIP: 4,017 PSI. Frac Gradient: 1.04 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1.15, Cutters EL stage 6 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6300 ft. PU. Pressure up casing. Perforate @ 6222-6224, 6181-6183, 6123-6127 & 6088-6090. 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES Frac stage 6 North Horn 60Q foam frac. Load & Break @ 4,188 PSI @ 15.3 BPM. Avg. Wellhead Rate: 38.2 BPM. Avg. Slurry Rate: 18.5 BPM. Avg. CO2 Rate: 18.5 BPM. Avg. Pressure: 6431 PSI. Max. Wellhead Rate: 39.8 BPM. Max. Slurry Rate: 22.3 BPM. Max. CO2 Rate: 24.8 BPM. Max. Pressure: 7,380 PSI. Total Fluid Pumped: 56,414 gal. Total Sand in Formation: 252,000 lb.(20/40 White) Linde CO2 Downhole: 279 tons CO2 Cooldown: 6 tons. ISIP: 3,581 PSI. Frac Gradient: 1.02 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1.6, SI. NO FRAC STAGE 7 HES DID NOT ORDER SAND FOR STAGE 7 / CO2 & water on loc. to do stage 7 . HES did not want trucks standing by if stage 6 did not go . NEED SAND for stages 7-10. SIFN flow back monitor psi over night. - 10.4

**Peter's Point #5-34D-12-16 4/19/2011 06:00 - 4/20/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

Time Log Summary

SICP: 2100 - 6, Cutters EL stage 7 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6084 ft. PU. Pressure up casing. Perforate @ 6058-6060, 6051-6053, 6036-6038 & 6028-6032. 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, Safety Meet. Frac's Rig down wire line & frac equipment. Flow lines. Cellar monitor, PPE. Flow back, CO2. Safety problems shut down job. - 0.25, HES frac stage 7 North Horn 60Q foam frac. Load & Break @ 5,617 PSI @ 14.8 BPM. Avg. Wellhead Rate: 38 BPM. Avg. Slurry Rate: 18.4 BPM. Avg. CO2 Rate: 18.4 BPM. Avg. Pressure: 6,879 PSI. Max. Wellhead Rate: 39.6 BPM. Max. Slurry Rate: 22.2 BPM. Max. CO2 Rate: 25.4 BPM. Max. Pressure: 7,400 PSI. Total Fluid Pumped: 24,188 gal. Total Sand in Formation: 94,000 lb. (20/40 White) Praxair Co2 Downhole; 114 tons. CO2 Cooldown: 6 tons. ISIP: 3,792 PSI. Frac Gradient: 1.07 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters EL stage 8 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6000 ft. PU. Pressure up casing. Perforate @ 5960-5962, 5953-5955, 5943-5945, 5864-5866 & 5778-5780. 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES frac stage 8 North Horn 60Q foam frac. Load & Break @ 6,177 PSI @ 15 BPM. Avg. Wellhead Rate: 38 BPM. Avg. Slurry Rate: 18.5 BPM. Avg. CO2 Rate: 18.3 BPM. Avg. Pressure: 6,433 PSI. Max. Wellhead Rate: 39.9 BPM. Max. Slurry Rate: 22.3 BPM. Max. CO2 Rate: 25.5 BPM. Max. Pressure: 6,908 PSI. Total Fluid Pumped; 21,740 gal. Total Sand in Formation: 81,000 lb.(20/40 White) Praxair CO2 Downhole: 97 tons. CO2 Cooldown: 6 tons. ISIP: 3,408 PSI. Frac Gradient: 1.02 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 0.9, Cutters EL stage 9 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ ft. PU. Pressure up casing. Perforate @ 5581-5583, 5495-5497, 5485-5487 & 5477-5479. 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES frac stage 9 North Horn 60Q foam frac. Load & Break @ 3,231 PSI @ 15.2 BPM. Avg. Wellhead Rate: 28.6 BPM. Avg. Slurry Rate: 13.9 BPM. Avg. CO2 Rate: 13.5 BPM. Avg. Pressure: 4,861 PSI. Max. Wellhead Rate: 29.8 BPM. Max. Slurry Rate: 16.7 BPM. Max. CO2 Rate: 18.8 BPM. Max. Pressure: 5,025 PSI. Total Fluid Pumped: 16,340 gal. Total Sand in Formation: 55,000 lb.(20/40 White) Linde CO2 Downhole: 69 tons. CO2 Cooldown: 4 tons. ISIP: 2,942 PSI. Frac Gradient: 0.97 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 0.9, Cutters EL stage 10 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5380 ft. PU. Pressure up casing. Perforate @ 5322-5324, 5240-5242, 5230-5232, 5217-5219 & 5204- 5206. 3SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 0.95, HES frac stage 10 North Horn 60Q foam frac. Load & Break @ 3,601 PSI @ 15.4 BPM. Avg. Wellhead Rate: 28.6 BPM. Avg. Slurry Rate: 14 BPM. Avg. CO2 Rate: 13.5 BPM. Avg. Pressure: 4,682 PSI. Max. Wellhead Rate: 29.8 BPM. Max. Slurry Rate: 16.6 BPM. Max. CO2 Rate: 19 BPM. Max. Pressure: 5,045 PSI. Total Fluid Pumped; 19,138 gal. Total Sand in Formation: 76,640 lb.(20/40 White) Linde CO2 Downhole: 84 tons. CO2 Cooldown: 4 tons. ISIP: 2,954 PSI. Frac Gradient: 1.00 psi/ft. No frac problems. Successfully flushed wellbore with 50Q foam 10 bbl over flush with 500 gal. fluid cap. - 1, SIW. Rig down HES frac and Cutters Wire line and release. - 2, Flow back stages 1-10 through Cathedral flow equipment to open top tanks and test equipment. Total BBLs to recover: 5754. - 8

**Peter's Point #5-34D-12-16 4/20/2011 06:00 - 4/21/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

Time Log Summary

Flow back stages 1-10 through Cathedral flow equipment. FCP: 725 psi on 3/4" choke. recovered 768 bbl in 14 hours avg of 54.85 BPH. CO2 : over 40%. H2S: 1 ppm. gas rate of 3.712 MMCFD. Total bbls left to recover 4986. - 6, Flow stages 1-10 clean up for production sales. - 18


**Peter's Point #5-34D-12-16 4/21/2011 06:00 - 4/22/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

## Time Log Summary

Flow stages 1-10 through Cathedral flow equipment. FCP: 775 on 3/4 ck. recovered 438 bbl in 24 hours avg. of 18.25 BPH. CO2 over 40%. H2S: 1 ppm. 4,548 bbl left to recover. Gas rate of 3,968 MMCFD. - 6, Flow through test equipment to flare stack. - 18

**Peter's Point #5-34D-12-16 4/22/2011 06:00 - 4/23/2011 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31467	UT	Carbon	West Tavaputs		7,665.0	Drilling & Completion

## Time Log Summary

Flow back stages 1-10 through Cathedral flow equip. FCP: 700 psi on 48 ck. recovered 247 bbl in 24 hours. Avg. of 10.29 BPH. Fluid left to recover 4,301 bbl. CO2: 15%. H2S: .5 ppm. Gas rate of 3,518 MMCFD. - 6, Flow stages 1-10 total fluid left to recover 4188 bbl. CO2: 14% H2S .5 ppm - 11, Turn casing flow to sales 800 psi on 30 ck. gas rate of 5.2 MMCFD - 7



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 NORTH HORN DARK CANYON PRICE RIVER TD	3249 5137 6783 7016 7665

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32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. CBL mailed due to file size. First sales was on 4/22/2011. Conductor was cemented with grout. 8 3/4" hole size drilled from bottom of surface casing to 5583' then 7 7/8 hole size was used to drill to TD. Attached is Treatment Data.

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 #110772 Verified by the BLM Well Information System.  
For BILL BARRETT CORPORATION, sent to the Price

Name (please print) MEGAN FINNEGAN

Title PERMIT ANALYST

Signature  (Electronic Submission)

Date 06/16/2011

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Peter's Point Unit Federal 5-34D-12-16 Report Continued\***

<b>44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)</b>		
<b>AMOUNT AND TYPE OF MATERIAL</b>		
<b><u>Stage</u></b>	<b><u>Bbls Slurry</u></b>	<b><u>20/40 lbs White Sand</u></b>
1	490	72,000
2	352	46,200
3	845	144,200
4	791	134,000
5	484	59,900
6	1615	252,000
7	677	94,000
8	605	81,000
9	448	55,000
10	538	76,640

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

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**Bill Barrett Corporation**

**Bill Barrett Corp.**

Carbon County, UT [NAD27]

Peters Point UF 6-34D Pad

Peters Point UF 5-34D-12-16

Wellbore #1

Survey: Surveys from Surface

**Standard Survey Report**

28 March, 2011

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**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
**Well:** Peters Point UF 5-34D-12-16  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Peters Point UF 5-34D-12-16  
**TVD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

<b>Project</b>	Carbon County, UT [NAD27]		
<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 UF 6-34D Pad				
<b>Site Position:</b>		<b>Northing:</b>	512,058.79 usft	<b>Latitude:</b>	39° 43' 51.32 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,389,847.92 usft	<b>Longitude:</b>	110° 6' 49.55 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	1.10 ft	<b>Grid Convergence:</b>	0.89 °

<b>Well</b>	Peters Point UF 5-34D-12-16					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	512,089.82 usft	<b>Latitude:</b>	39° 43' 51.63 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,389,828.03 usft	<b>Longitude:</b>	110° 6' 49.80 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	7,220.00 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	01/13/11	(°)	(°)	(nT)
			11.32	65.55	52,156

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	296.08	

<b>Survey Program</b>	Date 03/28/11			
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
(ft)	(ft)			
100.00	936.00	Gyro Suveys (Wellbore #1)	MWD	MWD - Standard
1,109.00	7,665.00	Surveys (Wellbore #1)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.280	67.06	100.00	0.10	0.23	-0.16	0.28	0.28	0.00
200.00	0.060	120.06	200.00	0.16	0.50	-0.37	0.25	-0.22	53.00
300.00	0.290	110.83	300.00	0.05	0.78	-0.68	0.23	0.23	-9.23
400.00	0.340	99.60	400.00	-0.09	1.31	-1.21	0.08	0.05	-11.23
500.00	0.170	106.17	500.00	-0.18	1.74	-1.64	0.17	-0.17	6.57
600.00	0.060	102.52	600.00	-0.23	1.93	-1.84	0.11	-0.11	-3.65
700.00	0.100	127.38	700.00	-0.30	2.06	-1.98	0.05	0.04	24.86
765.00	0.135	201.04	765.00	-0.41	2.07	-2.04	0.22	0.05	113.32

9 5/8"

**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
**Well:** Peters Point UF 5-34D-12-16  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Peters Point UF 5-34D-12-16  
**TVD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**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)
800.00	0.200	216.01	800.00	-0.49	2.02	-2.03	0.22	0.18	42.78
900.00	0.090	140.44	900.00	-0.70	1.97	-2.07	0.20	-0.11	-75.57
936.00	0.210	127.62	936.00	-0.76	2.04	-2.16	0.34	0.33	-35.61
1,109.00	0.200	238.40	1,108.99	-1.11	2.03	-2.31	0.20	-0.01	64.03
1,204.00	0.400	306.50	1,203.99	-1.00	1.63	-1.90	0.39	0.21	71.68
1,299.00	0.600	327.80	1,298.99	-0.38	1.09	-1.15	0.28	0.21	22.42
1,394.00	2.300	297.70	1,393.96	0.93	-0.86	1.18	1.90	1.79	-31.68
1,490.00	3.300	292.70	1,489.84	2.89	-5.11	5.86	1.07	1.04	-5.21
1,585.00	5.400	301.60	1,584.56	6.29	-11.44	13.04	2.32	2.21	9.37
1,680.00	8.400	299.30	1,678.86	12.03	-21.30	24.42	3.17	3.16	-2.42
1,776.00	11.600	297.80	1,773.39	19.96	-35.96	41.08	3.34	3.33	-1.56
1,871.00	14.700	297.60	1,865.89	30.00	-55.10	62.68	3.26	3.26	-0.21
1,966.00	17.100	292.30	1,957.26	40.89	-78.71	88.67	2.95	2.53	-5.58
2,061.00	18.100	290.90	2,047.81	51.45	-105.41	117.30	1.14	1.05	-1.47
2,157.00	18.900	292.10	2,138.85	62.62	-133.75	147.66	0.92	0.83	1.25
2,253.00	18.500	295.10	2,229.78	74.93	-161.95	178.40	1.08	-0.42	3.13
2,348.00	19.300	294.70	2,319.66	87.89	-189.86	209.17	0.85	0.84	-0.42
2,443.00	18.500	295.30	2,409.54	100.89	-217.75	239.94	0.87	-0.84	0.63
2,539.00	19.300	293.70	2,500.36	113.78	-246.05	271.02	0.99	0.83	-1.67
2,634.00	18.900	296.30	2,590.13	126.90	-274.22	302.09	0.99	-0.42	2.74
2,729.00	18.100	298.60	2,680.22	140.78	-300.97	332.22	1.14	-0.84	2.42
2,824.00	16.100	300.50	2,771.02	154.54	-325.28	360.10	2.19	-2.11	2.00
2,919.00	15.600	299.50	2,862.41	167.51	-347.75	385.98	0.60	-0.53	-1.05
3,014.00	15.000	299.10	2,954.04	179.78	-369.61	411.01	0.64	-0.63	-0.42
3,109.00	14.900	297.50	3,045.82	191.40	-391.18	435.50	0.45	-0.11	-1.68
3,205.00	17.100	298.80	3,138.10	203.90	-414.50	461.94	2.32	2.29	1.35
3,300.00	19.300	297.20	3,228.34	217.81	-440.71	491.59	2.37	2.32	-1.68
3,395.00	18.600	296.70	3,318.19	231.79	-468.21	522.44	0.76	-0.74	-0.53
3,491.00	20.300	296.90	3,408.71	246.20	-496.74	554.40	1.77	1.77	0.21
3,586.00	19.400	295.50	3,498.07	260.45	-525.68	586.65	1.07	-0.95	-1.47
3,681.00	21.400	295.20	3,587.10	274.63	-555.60	619.76	2.11	2.11	-0.32
3,777.00	20.900	294.40	3,676.64	289.16	-587.04	654.39	0.60	-0.52	-0.83
3,873.00	21.100	293.80	3,766.26	303.20	-618.45	688.77	0.31	0.21	-0.63
3,968.00	19.600	294.00	3,855.33	316.59	-648.65	721.79	1.58	-1.58	0.21
4,064.00	16.800	291.20	3,946.52	328.16	-676.30	751.71	3.05	-2.92	-2.92
4,159.00	15.100	292.70	4,037.86	337.90	-700.52	777.74	1.84	-1.79	1.58
4,254.00	13.200	292.80	4,129.97	346.88	-721.93	800.92	2.00	-2.00	0.11
4,350.00	12.100	292.20	4,223.64	354.92	-741.36	821.91	1.15	-1.15	-0.63
4,445.00	12.000	294.50	4,316.55	362.78	-759.56	841.71	0.52	-0.11	2.42
4,541.00	10.000	297.30	4,410.78	370.74	-776.05	860.02	2.16	-2.08	2.92
4,636.00	8.500	297.00	4,504.54	377.72	-789.64	875.29	1.58	-1.58	-0.32
4,731.00	7.100	292.40	4,598.66	383.14	-801.32	888.17	1.61	-1.47	-4.84
4,826.00	5.600	299.60	4,693.08	387.67	-810.78	898.66	1.78	-1.58	7.58

**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
**Well:** Peters Point UF 5-34D-12-16  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Peters Point UF 5-34D-12-16  
**TVD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**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)
4,921.00	4.300	306.60	4,787.72	392.08	-817.67	906.78	1.51	-1.37	7.37
5,017.00	3.300	318.80	4,883.51	396.31	-822.38	912.87	1.33	-1.04	12.71
5,112.00	1.000	340.80	4,978.44	399.15	-824.45	915.98	2.53	-2.42	23.16
5,207.00	1.000	337.30	5,073.42	400.69	-825.05	917.20	0.06	0.00	-3.68
5,302.00	0.800	11.30	5,168.41	402.11	-825.24	917.99	0.59	-0.21	35.79
5,397.00	0.900	351.50	5,263.40	403.50	-825.22	918.58	0.32	0.11	-20.84
5,492.00	1.400	2.70	5,358.38	405.39	-825.27	919.47	0.57	0.53	11.79
5,587.00	0.800	334.70	5,453.37	407.15	-825.50	920.44	0.83	-0.63	-29.47
5,679.00	1.100	11.30	5,545.35	408.60	-825.60	921.17	0.72	0.33	39.78
5,775.00	1.100	9.90	5,641.34	410.41	-825.26	921.66	0.03	0.00	-1.46
5,870.00	0.800	7.80	5,736.32	411.97	-825.02	922.13	0.32	-0.32	-2.21
5,965.00	1.100	329.00	5,831.31	413.41	-825.40	923.10	0.73	0.32	-40.84
6,061.00	1.500	9.20	5,927.29	415.44	-825.67	924.24	1.01	0.42	41.88
6,156.00	1.500	340.70	6,022.26	417.84	-825.88	925.48	0.78	0.00	-30.00
6,252.00	1.100	332.10	6,118.23	419.84	-826.73	927.12	0.46	-0.42	-8.96
6,347.00	1.500	356.60	6,213.21	421.88	-827.23	928.47	0.71	0.42	25.79
6,442.00	1.100	24.10	6,308.18	423.96	-826.93	929.12	0.77	-0.42	28.95
6,538.00	1.100	350.60	6,404.17	425.71	-826.70	929.68	0.66	0.00	-34.90
6,633.00	1.100	26.30	6,499.15	427.43	-826.45	930.21	0.71	0.00	37.58
6,728.00	1.000	348.70	6,594.14	429.06	-826.21	930.71	0.72	-0.11	-39.58
6,823.00	0.200	355.60	6,689.13	430.03	-826.38	931.30	0.84	-0.84	7.26
6,919.00	0.400	55.80	6,785.13	430.39	-826.12	931.21	0.36	0.21	62.71
7,014.00	1.100	12.60	6,880.12	431.47	-825.65	931.26	0.90	0.74	-45.47
7,109.00	0.300	350.50	6,975.11	432.60	-825.49	931.62	0.87	-0.84	-23.26
7,204.00	0.400	351.50	7,070.11	433.17	-825.58	931.95	0.11	0.11	1.05
7,299.00	0.200	127.10	7,165.11	433.40	-825.49	931.98	0.59	-0.21	142.74
7,395.00	0.500	141.50	7,261.11	432.97	-825.10	931.44	0.32	0.31	15.00
7,490.00	0.500	183.40	7,356.11	432.23	-824.87	930.90	0.38	0.00	44.11
7,585.00	0.900	129.20	7,451.10	431.35	-824.31	930.01	0.77	0.42	-57.05
7,617.00	1.000	126.80	7,483.10	431.02	-823.89	929.50	0.34	0.31	-7.50
7,665.00	1.000	126.80	7,531.09	430.52	-823.22	928.67	0.00	0.00	0.00

**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (ft)	Hole Diameter (ft)
765.00	765.00	9 5/8"	0.80	1.02

**Survey Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N-S (ft)	+E-W (ft)	Comment
936.00	936.00	-0.76	2.04	End of Gyro Suveys



**Sharewell**  
Survey Report



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
**Well:** Peters Point UF 5-34D-12-16  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Peters Point UF 5-34D-12-16  
**TVD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

Checked By: _____	Approved By: _____	Date: _____
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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 NORTH HORN DARK CANYON PRICE RIVER TD	3249 5137 6783 7016 7665

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32. Additional remarks (include plugging procedure):

TOC was calculated by CBL. CBL mailed due to file size. First sales was on 4/22/2011. Conductor was cemented with grout. 8 3/4" hole size drilled from bottom of surface casing to 5583' then 7 7/8 hole size was used to drill to TD. Attached is Treatment Data.

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 #110772 Verified by the BLM Well Information System.  
For BILL BARRETT CORPORATION, sent to the Price

Name (please print) MEGAN FINNEGAN

Title PERMIT ANALYST

Signature  (Electronic Submission)

Date 06/16/2011

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\***

**Peter's Point Unit Federal 5-34D-12-16 Report Continued\***

<b>44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)</b>		
<b>AMOUNT AND TYPE OF MATERIAL</b>		
<b><u>Stage</u></b>	<b><u>Bbls Slurry</u></b>	<b><u>20/40 lbs White Sand</u></b>
1	490	72,000
2	352	46,200
3	845	144,200
4	791	134,000
5	484	59,900
6	1615	252,000
7	677	94,000
8	605	81,000
9	448	55,000
10	538	76,640

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

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**Bill Barrett Corporation**

**Bill Barrett Corp.**

Carbon County, UT [NAD27]

Peters Point UF 6-34D Pad

Peters Point UF 5-34D-12-16

Wellbore #1

Survey: Surveys from Surface

**Standard Survey Report**

28 March, 2011

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JUN 16 2011

DIV. OF OIL, GAS & MINING



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
**Well:** Peters Point UF 5-34D-12-16  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Peters Point UF 5-34D-12-16  
**TVD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

<b>Project</b>	Carbon County, UT [NAD27]		
<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 UF 6-34D Pad				
<b>Site Position:</b>		<b>Northing:</b>	512,058.79 usft	<b>Latitude:</b>	39° 43' 51.32 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,389,847.92 usft	<b>Longitude:</b>	110° 6' 49.55 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	1.10 ft	<b>Grid Convergence:</b>	0.89 °

<b>Well</b>	Peters Point UF 5-34D-12-16					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	512,089.82 usft	<b>Latitude:</b>	39° 43' 51.63 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,389,828.03 usft	<b>Longitude:</b>	110° 6' 49.80 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	7,220.00 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	01/13/11	(°)	(°)	(nT)
			11.32	65.55	52,156

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	296.08	

<b>Survey Program</b>	<b>Date</b> 03/28/11				
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
(ft)	(ft)				
100.00	936.00	Gyro Suveys (Wellbore #1)	MWD	MWD - Standard	
1,109.00	7,665.00	Surveys (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.280	67.06	100.00	0.10	0.23	-0.16	0.28	0.28	0.00
200.00	0.060	120.06	200.00	0.16	0.50	-0.37	0.25	-0.22	53.00
300.00	0.290	110.83	300.00	0.05	0.78	-0.68	0.23	0.23	-9.23
400.00	0.340	99.60	400.00	-0.09	1.31	-1.21	0.08	0.05	-11.23
500.00	0.170	106.17	500.00	-0.18	1.74	-1.64	0.17	-0.17	6.57
600.00	0.060	102.52	600.00	-0.23	1.93	-1.84	0.11	-0.11	-3.65
700.00	0.100	127.38	700.00	-0.30	2.06	-1.98	0.05	0.04	24.86
765.00	0.135	201.04	765.00	-0.41	2.07	-2.04	0.22	0.05	113.32

9 5/8"

**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
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**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**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)
800.00	0.200	216.01	800.00	-0.49	2.02	-2.03	0.22	0.18	42.78
900.00	0.090	140.44	900.00	-0.70	1.97	-2.07	0.20	-0.11	-75.57
936.00	0.210	127.62	936.00	-0.76	2.04	-2.16	0.34	0.33	-35.61
1,109.00	0.200	238.40	1,108.99	-1.11	2.03	-2.31	0.20	-0.01	64.03
1,204.00	0.400	306.50	1,203.99	-1.00	1.63	-1.90	0.39	0.21	71.68
1,299.00	0.600	327.80	1,298.99	-0.38	1.09	-1.15	0.28	0.21	22.42
1,394.00	2.300	297.70	1,393.96	0.93	-0.86	1.18	1.90	1.79	-31.68
1,490.00	3.300	292.70	1,489.84	2.89	-5.11	5.86	1.07	1.04	-5.21
1,585.00	5.400	301.60	1,584.56	6.29	-11.44	13.04	2.32	2.21	9.37
1,680.00	8.400	299.30	1,678.86	12.03	-21.30	24.42	3.17	3.16	-2.42
1,776.00	11.600	297.80	1,773.39	19.96	-35.96	41.08	3.34	3.33	-1.56
1,871.00	14.700	297.60	1,865.89	30.00	-55.10	62.68	3.26	3.26	-0.21
1,966.00	17.100	292.30	1,957.26	40.89	-78.71	88.67	2.95	2.53	-5.58
2,061.00	18.100	290.90	2,047.81	51.45	-105.41	117.30	1.14	1.05	-1.47
2,157.00	18.900	292.10	2,138.85	62.62	-133.75	147.66	0.92	0.83	1.25
2,253.00	18.500	295.10	2,229.78	74.93	-161.95	178.40	1.08	-0.42	3.13
2,348.00	19.300	294.70	2,319.66	87.89	-189.86	209.17	0.85	0.84	-0.42
2,443.00	18.500	295.30	2,409.54	100.89	-217.75	239.94	0.87	-0.84	0.63
2,539.00	19.300	293.70	2,500.36	113.78	-246.05	271.02	0.99	0.83	-1.67
2,634.00	18.900	296.30	2,590.13	126.90	-274.22	302.09	0.99	-0.42	2.74
2,729.00	18.100	298.60	2,680.22	140.78	-300.97	332.22	1.14	-0.84	2.42
2,824.00	16.100	300.50	2,771.02	154.54	-325.28	360.10	2.19	-2.11	2.00
2,919.00	15.600	299.50	2,862.41	167.51	-347.75	385.98	0.60	-0.53	-1.05
3,014.00	15.000	299.10	2,954.04	179.78	-369.61	411.01	0.64	-0.63	-0.42
3,109.00	14.900	297.50	3,045.82	191.40	-391.18	435.50	0.45	-0.11	-1.68
3,205.00	17.100	298.80	3,138.10	203.90	-414.50	461.94	2.32	2.29	1.35
3,300.00	19.300	297.20	3,228.34	217.81	-440.71	491.59	2.37	2.32	-1.68
3,395.00	18.600	296.70	3,318.19	231.79	-468.21	522.44	0.76	-0.74	-0.53
3,491.00	20.300	296.90	3,408.71	246.20	-496.74	554.40	1.77	1.77	0.21
3,586.00	19.400	295.50	3,498.07	260.45	-525.68	586.65	1.07	-0.95	-1.47
3,681.00	21.400	295.20	3,587.10	274.63	-555.60	619.76	2.11	2.11	-0.32
3,777.00	20.900	294.40	3,676.64	289.16	-587.04	654.39	0.60	-0.52	-0.83
3,873.00	21.100	293.80	3,766.26	303.20	-618.45	688.77	0.31	0.21	-0.63
3,968.00	19.600	294.00	3,855.33	316.59	-648.65	721.79	1.58	-1.58	0.21
4,064.00	16.800	291.20	3,946.52	328.16	-676.30	751.71	3.05	-2.92	-2.92
4,159.00	15.100	292.70	4,037.86	337.90	-700.52	777.74	1.84	-1.79	1.58
4,254.00	13.200	292.80	4,129.97	346.88	-721.93	800.92	2.00	-2.00	0.11
4,350.00	12.100	292.20	4,223.64	354.92	-741.36	821.91	1.15	-1.15	-0.63
4,445.00	12.000	294.50	4,316.55	362.78	-759.56	841.71	0.52	-0.11	2.42
4,541.00	10.000	297.30	4,410.78	370.74	-776.05	860.02	2.16	-2.08	2.92
4,636.00	8.500	297.00	4,504.54	377.72	-789.64	875.29	1.58	-1.58	-0.32
4,731.00	7.100	292.40	4,598.66	383.14	-801.32	888.17	1.61	-1.47	-4.84
4,826.00	5.600	299.60	4,693.08	387.67	-810.78	898.66	1.78	-1.58	7.58

**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
**Well:** Peters Point UF 5-34D-12-16  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well Peters Point UF 5-34D-12-16  
**TVD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7220.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

**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)
4,921.00	4.300	306.60	4,787.72	392.08	-817.67	906.78	1.51	-1.37	7.37
5,017.00	3.300	318.80	4,883.51	396.31	-822.38	912.87	1.33	-1.04	12.71
5,112.00	1.000	340.80	4,978.44	399.15	-824.45	915.98	2.53	-2.42	23.16
5,207.00	1.000	337.30	5,073.42	400.69	-825.05	917.20	0.06	0.00	-3.68
5,302.00	0.800	11.30	5,168.41	402.11	-825.24	917.99	0.59	-0.21	35.79
5,397.00	0.900	351.50	5,263.40	403.50	-825.22	918.58	0.32	0.11	-20.84
5,492.00	1.400	2.70	5,358.38	405.39	-825.27	919.47	0.57	0.53	11.79
5,587.00	0.800	334.70	5,453.37	407.15	-825.50	920.44	0.83	-0.63	-29.47
5,679.00	1.100	11.30	5,545.35	408.60	-825.60	921.17	0.72	0.33	39.78
5,775.00	1.100	9.90	5,641.34	410.41	-825.26	921.66	0.03	0.00	-1.46
5,870.00	0.800	7.80	5,736.32	411.97	-825.02	922.13	0.32	-0.32	-2.21
5,965.00	1.100	329.00	5,831.31	413.41	-825.40	923.10	0.73	0.32	-40.84
6,061.00	1.500	9.20	5,927.29	415.44	-825.67	924.24	1.01	0.42	41.88
6,156.00	1.500	340.70	6,022.26	417.84	-825.88	925.48	0.78	0.00	-30.00
6,252.00	1.100	332.10	6,118.23	419.84	-826.73	927.12	0.46	-0.42	-8.96
6,347.00	1.500	356.60	6,213.21	421.88	-827.23	928.47	0.71	0.42	25.79
6,442.00	1.100	24.10	6,308.18	423.96	-826.93	929.12	0.77	-0.42	28.95
6,538.00	1.100	350.60	6,404.17	425.71	-826.70	929.68	0.66	0.00	-34.90
6,633.00	1.100	26.30	6,499.15	427.43	-826.45	930.21	0.71	0.00	37.58
6,728.00	1.000	348.70	6,594.14	429.06	-826.21	930.71	0.72	-0.11	-39.58
6,823.00	0.200	355.60	6,689.13	430.03	-826.38	931.30	0.84	-0.84	7.26
6,919.00	0.400	55.80	6,785.13	430.39	-826.12	931.21	0.36	0.21	62.71
7,014.00	1.100	12.60	6,880.12	431.47	-825.65	931.26	0.90	0.74	-45.47
7,109.00	0.300	350.50	6,975.11	432.60	-825.49	931.62	0.87	-0.84	-23.26
7,204.00	0.400	351.50	7,070.11	433.17	-825.58	931.95	0.11	0.11	1.05
7,299.00	0.200	127.10	7,165.11	433.40	-825.49	931.98	0.59	-0.21	142.74
7,395.00	0.500	141.50	7,261.11	432.97	-825.10	931.44	0.32	0.31	15.00
7,490.00	0.500	183.40	7,356.11	432.23	-824.87	930.90	0.38	0.00	44.11
7,585.00	0.900	129.20	7,451.10	431.35	-824.31	930.01	0.77	0.42	-57.05
7,617.00	1.000	126.80	7,483.10	431.02	-823.89	929.50	0.34	0.31	-7.50
7,665.00	1.000	126.80	7,531.09	430.52	-823.22	928.67	0.00	0.00	0.00

**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (ft)	Hole Diameter (ft)
765.00	765.00	9 5/8"	0.80	1.02

**Survey Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N-S (ft)	+E-W (ft)	Comment
936.00	936.00	-0.76	2.04	End of Gyro Suveys



**Sharewell**  
Survey Report



**Company:** Bill Barrett Corp.  
**Project:** Carbon County, UT [NAD27]  
**Site:** Peters Point UF 6-34D Pad  
**Well:** Peters Point UF 5-34D-12-16  
**Wellbore:** Wellbore #1  
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**Survey Calculation Method:** Minimum Curvature  
**Database:** Compass VM

Checked By: _____	Approved By: _____	Date: _____
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<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-08107																														
<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 5-34D-12-16																															
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314670000																															
<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> PETERS POINT																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2432 FNL 1456 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 Township: 12.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>																															
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/15/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;"><input type="checkbox"/> ACIDIZE</td> <td style="width: 33%; border: none;"><input type="checkbox"/> ALTER CASING</td> <td style="width: 33%; border: none;"><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td style="border: none;"><input type="checkbox"/> CHANGE TUBING</td> <td style="border: none;"><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> CHANGE WELL STATUS</td> <td style="border: none;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td style="border: none;"><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> DEEPEN</td> <td style="border: none;"><input type="checkbox"/> FRACTURE TREAT</td> <td style="border: none;"><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> OPERATOR CHANGE</td> <td style="border: none;"><input type="checkbox"/> PLUG AND ABANDON</td> <td style="border: none;"><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td style="border: none;"><input checked="" type="checkbox"/> RECLAMATION OF WELL SITE</td> <td style="border: none;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td style="border: none;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td style="border: none;"><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> TUBING REPAIR</td> <td style="border: none;"><input type="checkbox"/> VENT OR FLARE</td> <td style="border: none;"><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WATER SHUTOFF</td> <td style="border: none;"><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td style="border: none;"><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td style="border: none;"><input type="checkbox"/> OTHER</td> <td style="border: none;">OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC is submitting this sundry to request an exception to BLM Onshore Order #7 and UDOGM R649-3-16-3, allowing the cuttings pit/trench on the Peters Point 6-34 pad to remain open past the allocated time. The pit will be closed after 4/15/2012, when the WTPs special protective measures for wildlife and high county watershed stipulations are lifted. The pit will remain fenced on four sides until closed. Please contact Brady Riley at 303-312-8115 with questions.																																
<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> 11/30/2011																															

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  <b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-08107
<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 5-34D-12-16
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/31/2012	<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
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="pit closure"/>

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

The pit was closed on the above referenced well location; Peters Point  
6-34 Pad on 7/31/2012.

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

**FOR RECORD ONLY**

August 29, 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> 8/3/2012	

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
--	---

CA No.		Unit:		Peter Point				
WELL NAME	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:

8. WELL NAME and NUMBER:  
(see attached well list)

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
ENERVEST OPERATING, LLC

3. ADDRESS OF OPERATOR:  
1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 PHONE NUMBER:  
(713) 659-3500

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: 1/1/2014	<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 # B008321)

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 TITLE DIRECTOR - REGULATORY

SIGNATURE Ronnie L Young DATE 12/10/2013

(This space for State use on) **APPROVED** RECEIVED  
JAN 28 2014 4:00 PM JAN 07 2014  
DIV. OF OIL, GAS & MINING (See Instructions on Reverse Side) DIV. OF OIL, GAS & MINING  
Rachael Medina

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

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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	

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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

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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

UDOGM CHANGE OF OPERATOR WELL LIST

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

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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