

**COPY CONFIDENTIAL**

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**

5. Lease Serial No. UTU-08107	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Peters Point / UTU-63014	
8. Lease Name and Well No. Peter's Point Unit Federal 7-34D-12-16	
9. API Well No. pending 43-00731428	
10. Field and Pool, or Exploratory Peter's Point/Wasatch-Mesaverde	
11. Sec., T. R. M. or Blk. and Survey or Area Sec. 34, T12S-R16E	
12. County or Parish Carbon County	13. State UT
14. Distance in miles and direction from nearest town or post office* approximately 60 miles from Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 561' SH / 767' 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. 16' SH / 1326' BH	19. Proposed Depth 7500' MD
20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6846' ungraded ground	22. Approximate date work will start* 11/01/2008
23. Estimated duration 45 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:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- 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 6/30/08
Title Environmental/Regulatory Analyst		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 07-16-08
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.

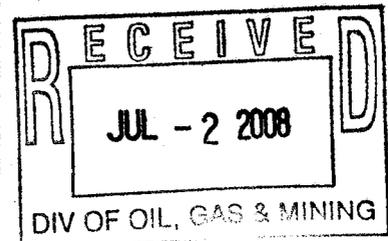
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

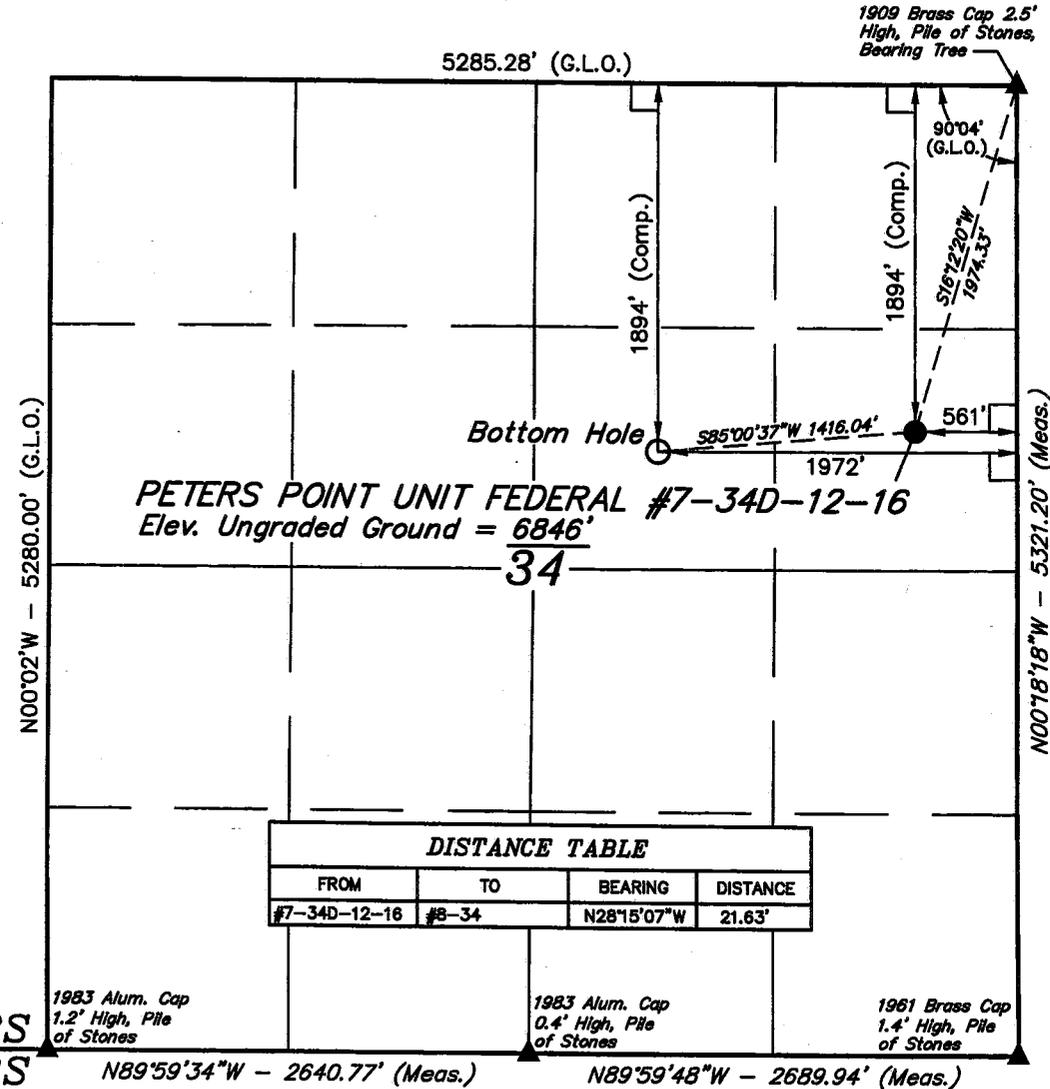
\*(Instructions on page 2)

*SWF*  
576941X  
43982284  
39.732356  
-110.102148

*Bill*  
Federal Approval of this  
Action is Necessary  
576511X  
4398225Y  
39.732369  
-110.107169



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



**PETERS POINT UNIT FEDERAL #7-34D-12-16**  
 Elev. Ungraded Ground = 6846'  
**34**

DISTANCE TABLE			
FROM	TO	BEARING	DISTANCE
#7-34D-12-16	#8-34	N28°15'07"W	21.63'

1983 Alum. Cap  
1.2' High, Pile  
of Stones

1983 Alum. Cap  
0.4' High, Pile  
of Stones

1961 Brass Cap  
1.4' High, Pile  
of Stones

T12S  
T13S

N89°59'34"W - 2640.77' (Meas.)

N89°59'48"W - 2689.94' (Meas.)

### LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°43'55.72" (39.732144)	LONGITUDE = 110°06'28.62" (110.107950)	LATITUDE = 39°43'56.93" (39.732481)	LONGITUDE = 110°06'10.57" (110.102938)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°43'55.85" (39.732181)	LONGITUDE = 110°06'28.07" (110.107242)	LATITUDE = 39°43'57.06" (39.732517)	LONGITUDE = 110°06'08.02" (110.102228)
STATE PLANE NAD 27 (UTAH CENTRAL) N: 512545.62 E: 2391674.90		STATE PLANE NAD 27 (UTAH CENTRAL) N: 512689.61 E: 2393082.62	

## BILL BARRETT CORPORATION

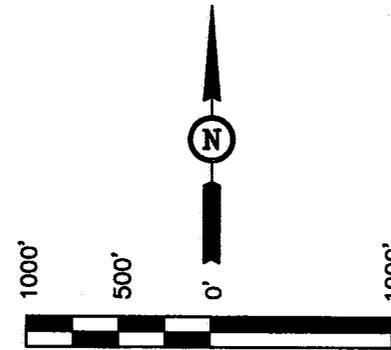
Well location, PETERS POINT UNIT FEDERAL #7-34D-12-16, located as shown in the SE 1/4 NE 1/4 of Section 34, T12S, R16E, S.L.B.&M. Carbon County, Utah.

### 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.

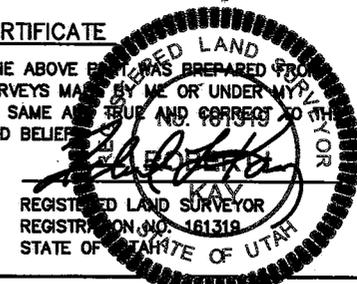
### BASIS OF BEARINGS

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.



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

SCALE 1" = 1000'	DATE SURVEYED: 03-06-08	DATE DRAWN: 03-24-08
PARTY D.R. A.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



June 30, 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 7-34D-12-16  
SHL: 1894' FNL & 561' FEL SENE 34-T12S-R16E  
BHL: 1894' FNL & 1972' FEL SWNE 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;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

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

Sincerely,

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

RECEIVED  
JUL 02 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 #7-34D-12-16***

SENE, 1894' FNL, 561' FEL, Sec. 34, T12S-R16E (surface hole)  
 SWNE, 1894' FNL, 1972' FEL, 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	2946'*	2833'*
North Horn	4851'*	4620'*
Dark Canyon	6490'*	6255'*
Price River	6711'*	6476'*
TD	7500'*	7300'*

**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 (FROM) (TO)</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</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	7,500'	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 1460 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 1770 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
Note: Actual volumes to be calculated from caliper log.	

6. **Mud Program**

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

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

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

8. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3606 psi\* and maximum anticipated surface pressure equals approximately 2000 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

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

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

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9. **Auxiliary Equipment**

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

10. **Drilling Schedule**

Location Construction: November 1, 2008  
Spud: November 8, 2008  
Duration: 15 days drilling time  
30 days completion time

Well name:	<b>Utah: West Tavaputs</b>
Operator:	<b>Bill Barrett</b>
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**

Max anticipated surface

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

Annular backup: 9.50 ppg

**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: 859 ft

Cement top: Surface

Non-directional string.

**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 & 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: .  
 Operator: **Bill Barrett Corporation**  
 String type: Production

**West Tavaputs General**

**Design parameters:**

Collapse  
 Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

Collapse:  
 Design factor 1.125

Burst:  
 Design factor 1.00

**Environment:**

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

**Burst**

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

No backup mud specified.

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

Non-directional string.

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

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

Prepared Dominic Spencer  
 by: Bill Barrett

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

Date: 7-Apr-08  
 Denver, Colorado

Remarks:  
 Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Burst strength is not adjusted for tension.

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



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Peter's Point Unit Federal 7-34D-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:	7,500'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1667.1	ft <sup>3</sup>
Lead Fill:	6,600'	

### Cement Data:

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

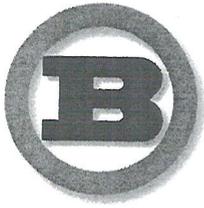
### Calculated # of Sacks:

# SK's Lead:	1460
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**Peter's Point Unit Federal 7-34D-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 - (7500' - 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: 6,600'
0.125 lbm/sk Poly-E-Flake	Volume: 385.97 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1460 sks</b>



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

Well Name: **Peter's Point Unit Federal 7-34D-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:	7,500'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	2027.1	ft <sup>3</sup>
Lead Fill:	6,600'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	1770
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**Peter's Point Unit Federal 7-34D-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 - (7500' - 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: 6,600'
0.125 lbm/sk Poly-E-Flake	Volume: 469.32 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1770 sks</b>



**Bill Barrett Corporation**

**BILL BARRETT CORP**

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

**SECTION 34 T12S R16E**

**PETERS POINT UF 7-34D-12-16**

**PT PT UF 7-34D-12-16**

**Plan: Design #1**

**Standard Planning Report**

**10 April, 2008**



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 34 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 7-34D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT UF 7-34D-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 7-34D-12-16  
 TVD Reference: WELL @ 6851.00ft (Original Well Elev)  
 MD Reference: WELL @ 6851.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: Compass  
 Offset TVD Reference: Offset Datum

Reference	Design #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.00ft	Error Model:	ISCWSA
Depth Range:	0.00 to 20,000.00ft	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 4/10/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name
0.00	7,346.38	Design #1 (PT PT UF 7-34D-12-16)	MWD
			Description
			MWD - Standard

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
SECTION 34 T12S R16E						
PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-12-	250.00	260.00	16.18	15.28	17.998	CC, ES
PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-12-	500.00	509.68	24.02	22.01	11.964	SF
PETERS POINT 12-35D-12-16 - PT PT UF 12-35D-12-16	264.14	274.16	8.07	7.12	8.452	CC
PETERS POINT 12-35D-12-16 - PT PT UF 12-35D-12-16	300.00	310.04	8.17	7.07	7.404	ES, SF
PETERS POINT UF #8-34-12-16 - PT PT UF 8-34-12-16	468.90	477.70	18.73	17.28	12.874	CC, ES
PETERS POINT UF #8-34-12-16 - PT PT UF 8-34-12-16	600.00	608.12	22.87	20.95	11.899	SF
PETERS POINT UF 1-34D-12-16 - PT PT UF 1-34D-12-1	250.00	260.00	24.27	23.37	26.995	CC, ES
PETERS POINT UF 1-34D-12-16 - PT PT UF 1-34D-12-1	500.00	509.68	31.66	29.65	15.768	SF

Offset Design SECTION 34 T12S R16E - PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-12-16 - Design #1														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	0.00 ft
Reference Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	Offset Wellbore Centre +E-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
0.00	0.00	10.00	10.00	0.00	0.01	28.87	14.17	7.81	16.18						
100.00	100.00	110.00	110.00	0.11	0.12	28.87	14.17	7.81	16.18	15.96	0.22	71.992			
200.00	200.00	210.00	210.00	0.33	0.34	28.87	14.17	7.81	16.18	15.51	0.67	23.997			
250.00	250.00	260.00	260.00	0.44	0.46	28.87	14.17	7.81	16.18	15.28	0.90	17.998	CC, ES		
300.00	300.00	310.00	310.00	0.55	0.57	125.09	14.17	7.81	16.43	15.31	1.12	14.702			
400.00	399.93	409.93	409.93	0.76	0.79	133.86	14.17	7.81	18.65	17.10	1.56	11.996			
500.00	499.68	509.68	509.68	0.99	1.02	145.87	14.17	7.81	24.02	22.01	2.01	11.964	SF		
600.00	599.13	609.13	609.13	1.26	1.24	165.96	14.17	7.81	33.20	30.74	2.47	13.467			
650.00	648.70	658.70	658.70	1.41	1.35	159.80	14.17	7.81	39.26	36.57	2.69	14.571			
700.00	698.21	708.21	708.21	1.56	1.46	162.80	14.17	7.81	45.86	42.94	2.92	15.712			
800.00	797.24	807.24	807.24	1.88	1.69	166.78	14.17	7.81	59.31	55.94	3.37	17.599			
900.00	896.27	906.27	906.27	2.21	1.91	169.28	14.17	7.81	72.93	69.11	3.82	19.073			
1,000.00	995.30	1,005.30	1,005.30	2.54	2.13	170.99	14.17	7.81	86.65	82.37	4.28	20.245			
1,065.34	1,060.00	1,069.62	1,069.62	2.76	2.27	171.84	14.17	7.83	95.66	91.09	4.58	20.902			
1,100.00	1,094.28	1,102.51	1,102.51	2.88	2.34	172.29	14.13	8.20	101.07	96.34	4.73	21.373			
1,200.00	1,192.72	1,195.87	1,195.79	3.26	2.53	173.84	13.76	11.82	122.15	117.00	5.16	23.685			
1,300.00	1,290.30	1,286.27	1,286.90	3.71	2.72	175.44	13.04	18.92	151.26	145.67	5.59	27.044			
1,400.00	1,386.83	1,372.91	1,371.94	4.22	2.92	176.84	12.02	29.03	188.10	182.08	6.03	31.213			
1,500.00	1,482.13	1,455.16	1,453.20	4.81	3.13	178.01	10.74	41.62	232.30	225.85	6.45	35.994			
1,583.38	1,560.53	1,520.01	1,516.92	5.36	3.32	178.80	9.53	53.59	274.44	267.64	6.80	40.337			

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



Database: Compass  
 Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Site: SECTION 34 T12S R16E  
 Well: PETERS POINT UF 7-34D-12-16  
 Wellbore: PT PT UF 7-34D-12-16  
 Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 7-34D-12-16  
 TVD Reference: WELL @ 6851.00ft (Original Well Elev)  
 MD Reference: WELL @ 6851.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 2.00</b>									
300.00	1.00	265.04	300.00	-0.04	-0.43	0.44	2.00	2.00	0.00
400.00	3.00	265.04	399.93	-0.34	-3.91	3.93	2.00	2.00	0.00
500.00	5.00	265.04	499.68	-0.94	-10.86	10.90	2.00	2.00	0.00
600.00	7.00	265.04	599.13	-1.85	-21.27	21.35	2.00	2.00	0.00
650.00	8.00	265.04	648.70	-2.41	-27.78	27.88	2.00	2.00	0.00
<b>Start 415.34 hold at 650.00 MD</b>									
700.00	8.00	265.04	698.21	-3.01	-34.71	34.84	0.00	0.00	0.00
800.00	8.00	265.04	797.24	-4.22	-48.57	48.76	0.00	0.00	0.00
900.00	8.00	265.04	896.27	-5.42	-62.44	62.67	0.00	0.00	0.00
1,000.00	8.00	265.04	995.30	-6.62	-76.30	76.59	0.00	0.00	0.00
1,004.75	8.00	265.04	1,000.00	-6.68	-76.96	77.25	0.00	0.00	0.00
<b>9 5/8"</b>									
1,065.34	8.00	265.04	1,060.00	-7.41	-85.36	85.68	0.00	0.00	0.00
<b>Start DLS 2.50 TFO 0.00</b>									
1,100.00	8.87	265.04	1,094.28	-7.85	-90.43	90.77	2.50	2.50	0.00
1,200.00	11.37	265.04	1,192.72	-9.37	-107.93	108.33	2.50	2.50	0.00
1,300.00	13.87	265.04	1,290.30	-11.25	-129.68	130.17	2.50	2.50	0.00
1,400.00	16.37	265.04	1,386.83	-13.51	-155.66	156.25	2.50	2.50	0.00
1,500.00	18.87	265.04	1,482.13	-16.13	-185.81	186.51	2.50	2.50	0.00
1,583.38	20.95	265.04	1,560.53	-18.58	-214.10	214.90	2.50	2.50	0.00
<b>Start 2933.95 hold at 1583.38 MD</b>									
1,600.00	20.95	265.04	1,576.05	-19.09	-220.02	220.84	0.00	0.00	0.00
1,700.00	20.95	265.04	1,669.44	-22.19	-255.64	256.60	0.00	0.00	0.00
1,800.00	20.95	265.04	1,762.83	-25.28	-291.26	292.36	0.00	0.00	0.00
1,900.00	20.95	265.04	1,856.21	-28.37	-326.89	328.11	0.00	0.00	0.00
2,000.00	20.95	265.04	1,949.60	-31.46	-362.51	363.87	0.00	0.00	0.00
2,100.00	20.95	265.04	2,042.99	-34.55	-398.13	399.63	0.00	0.00	0.00
2,200.00	20.95	265.04	2,136.38	-37.64	-433.76	435.39	0.00	0.00	0.00
2,300.00	20.95	265.04	2,229.77	-40.73	-469.38	471.14	0.00	0.00	0.00
2,400.00	20.95	265.04	2,323.16	-43.82	-505.00	506.90	0.00	0.00	0.00
2,500.00	20.95	265.04	2,416.55	-46.92	-540.63	542.66	0.00	0.00	0.00
2,600.00	20.95	265.04	2,509.93	-50.01	-576.25	578.41	0.00	0.00	0.00
2,700.00	20.95	265.04	2,603.32	-53.10	-611.87	614.17	0.00	0.00	0.00
2,800.00	20.95	265.04	2,696.71	-56.19	-647.49	649.93	0.00	0.00	0.00
2,900.00	20.95	265.04	2,790.10	-59.28	-683.12	685.69	0.00	0.00	0.00
2,945.94	20.95	265.04	2,833.00	-60.70	-699.48	702.11	0.00	0.00	0.00
<b>WASATCH</b>									
3,000.00	20.95	265.04	2,883.49	-62.37	-718.74	721.44	0.00	0.00	0.00
3,100.00	20.95	265.04	2,976.88	-65.46	-754.36	757.20	0.00	0.00	0.00
3,200.00	20.95	265.04	3,070.27	-68.56	-789.99	792.96	0.00	0.00	0.00
3,300.00	20.95	265.04	3,163.65	-71.65	-825.61	828.71	0.00	0.00	0.00
3,400.00	20.95	265.04	3,257.04	-74.74	-861.23	864.47	0.00	0.00	0.00
3,500.00	20.95	265.04	3,350.43	-77.83	-896.86	900.23	0.00	0.00	0.00
3,600.00	20.95	265.04	3,443.82	-80.92	-932.48	935.98	0.00	0.00	0.00
3,700.00	20.95	265.04	3,537.21	-84.01	-968.10	971.74	0.00	0.00	0.00
3,800.00	20.95	265.04	3,630.60	-87.10	-1,003.73	1,007.50	0.00	0.00	0.00
3,900.00	20.95	265.04	3,723.99	-90.20	-1,039.35	1,043.26	0.00	0.00	0.00
4,000.00	20.95	265.04	3,817.38	-93.29	-1,074.97	1,079.01	0.00	0.00	0.00
4,100.00	20.95	265.04	3,910.76	-96.38	-1,110.60	1,114.77	0.00	0.00	0.00
4,200.00	20.95	265.04	4,004.15	-99.47	-1,146.22	1,150.53	0.00	0.00	0.00
4,300.00	20.95	265.04	4,097.54	-102.56	-1,181.84	1,186.28	0.00	0.00	0.00



Database: Compass  
 Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
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 Wellbore: PT PT UF 7-34D-12-16  
 Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 7-34D-12-16  
 TVD Reference: WELL @ 6851.00ft (Original Well Elev)  
 MD Reference: WELL @ 6851.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,400.00	20.95	265.04	4,190.93	-105.65	-1,217.47	1,222.04	0.00	0.00	0.00
4,500.00	20.95	265.04	4,284.32	-108.74	-1,253.09	1,257.80	0.00	0.00	0.00
4,517.34	20.95	265.04	4,300.51	-109.28	-1,259.26	1,264.00	0.00	0.00	0.00
<b>Start Drop -2.50</b>									
4,600.00	18.88	265.04	4,378.22	-111.71	-1,287.32	1,292.16	2.50	-2.50	0.00
4,700.00	16.38	265.04	4,473.52	-114.33	-1,317.50	1,322.45	2.50	-2.50	0.00
4,800.00	13.88	265.04	4,570.04	-116.59	-1,343.51	1,348.55	2.50	-2.50	0.00
4,851.33	12.60	265.04	4,620.00	-117.61	-1,355.22	1,360.31	2.50	-2.50	0.00
<b>NORTH HORN</b>									
4,900.00	11.38	265.04	4,667.61	-118.48	-1,365.29	1,370.43	2.50	-2.50	0.00
5,000.00	8.88	265.04	4,766.04	-120.00	-1,382.82	1,388.02	2.50	-2.50	0.00
5,100.00	6.38	265.04	4,865.15	-121.15	-1,396.06	1,401.30	2.50	-2.50	0.00
5,200.00	3.88	265.04	4,964.74	-121.92	-1,404.97	1,410.25	2.50	-2.50	0.00
5,300.00	1.38	265.04	5,064.63	-122.32	-1,409.55	1,414.85	2.50	-2.50	0.00
5,355.38	0.00	0.00	5,120.00	-122.38	-1,410.22	1,415.52	2.50	-2.50	0.00
<b>Start 1991.00 hold at 5355.38 MD</b>									
5,400.00	0.00	0.00	5,164.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
5,500.00	0.00	0.00	5,264.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
5,600.00	0.00	0.00	5,364.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
5,700.00	0.00	0.00	5,464.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
5,800.00	0.00	0.00	5,564.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
5,900.00	0.00	0.00	5,664.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,000.00	0.00	0.00	5,764.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,100.00	0.00	0.00	5,864.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,200.00	0.00	0.00	5,964.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,300.00	0.00	0.00	6,064.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,400.00	0.00	0.00	6,164.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,490.38	0.00	0.00	6,255.00	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
<b>DARK CANYON</b>									
6,500.00	0.00	0.00	6,264.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,600.00	0.00	0.00	6,364.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,700.00	0.00	0.00	6,464.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,711.38	0.00	0.00	6,476.00	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
<b>PRICE RIVER</b>									
6,800.00	0.00	0.00	6,564.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
6,900.00	0.00	0.00	6,664.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
7,000.00	0.00	0.00	6,764.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
7,100.00	0.00	0.00	6,864.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
7,111.38	0.00	0.00	6,876.00	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
<b>PRICE RIVER 6840' SAND</b>									
7,146.38	0.00	0.00	6,911.00	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
<b>PRICE RIVER 6840' BASE</b>									
7,200.00	0.00	0.00	6,964.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
7,300.00	0.00	0.00	7,064.62	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
7,346.38	0.00	0.00	7,111.00	-122.38	-1,410.22	1,415.52	0.00	0.00	0.00
<b>TD at 7346.38</b>									



<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT UF 7-34D-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 6851.00ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 6851.00ft (Original Well Elev)
<b>Site:</b>	SECTION 34 T12S R16E	<b>North Reference:</b>	True
<b>Well:</b>	PETERS POINT UF 7-34D-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PT PT UF 7-34D-12-16		
<b>Design:</b>	Design #1		

**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,004.75	1,000.00	9 5/8"	9-5/8	12-1/4

**Formations**

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,945.94	2,833.00	WASATCH		0.00	
4,851.33	4,620.00	NORTH HORN		0.00	
6,490.38	6,255.00	DARK CANYON		0.00	
6,711.38	6,476.00	PRICE RIVER		0.00	
7,111.38	6,876.00	PRICE RIVER 6840' SAND		0.00	
7,146.38	6,911.00	PRICE RIVER 6840' BASE		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
650.00	648.70	-2.41	-27.78	Start 415.34 hold at 650.00 MD
1,065.34	1,060.00	-7.41	-85.36	Start DLS 2.50 TFO 0.00
1,583.38	1,560.53	-18.58	-214.10	Start 2933.95 hold at 1583.38 MD
4,517.34	4,300.51	-109.28	-1,259.26	Start Drop -2.50
5,355.38	5,120.00	-122.38	-1,410.22	Start 1991.00 hold at 5355.38 MD
7,346.38	7,111.00	-122.38	-1,410.22	TD at 7346.38



Bill Barrett Corporation

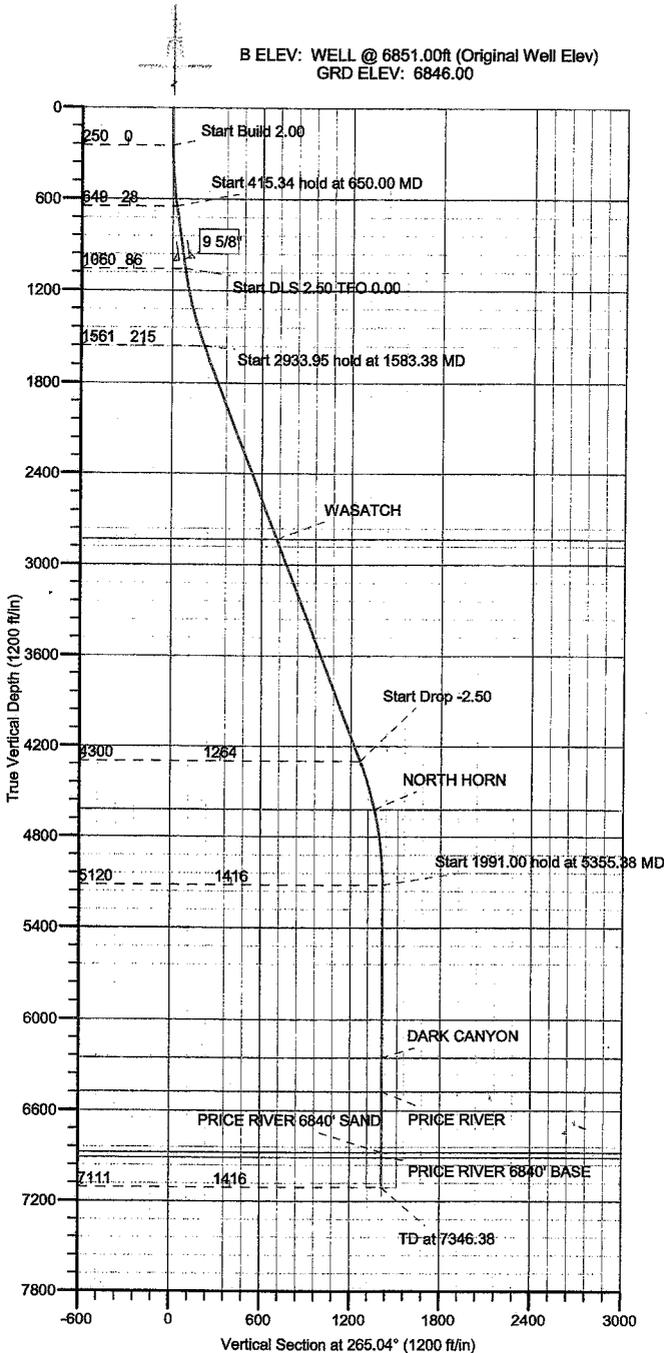
PETERS POINT UF 7-34D-12-16  
1894' FNL, 561' FEL  
SECTION 34 T12S-R16E  
CARBON COUNTY, UT  
Latitude: 39° 43' 57.060 N  
Longitude: 110° 6' 8.0200 W

Azimuths to True North  
Magnetic North: 11.70°

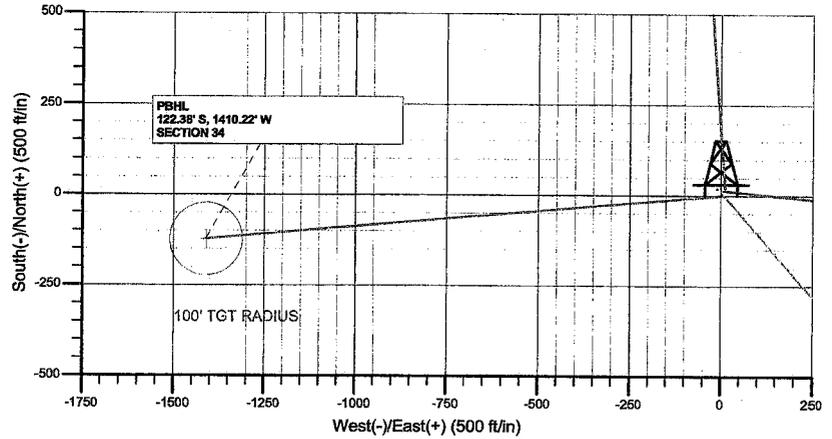
Magnetic Field  
Strength: 52387.8nT  
Dip Angle: 65.61°  
Date: 4/10/2008  
Model: BCGM2007

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	650.00	8.00	265.04	648.70	-2.41	-27.78	2.00	265.04	27.88		
4	1065.34	8.00	265.04	1060.00	-7.41	-85.36	0.00	0.00	85.68		
5	1583.38	20.95	265.04	1560.53	-18.58	-214.10	2.50	0.00	214.90		
6	4517.34	20.95	265.04	4300.51	-109.28	-1259.26	0.00	0.00	1264.00		
7	5355.38	0.00	0.00	5120.00	-122.38	-1410.22	2.50	180.00	1415.52		
8	7346.38	0.00	0.00	7111.00	-122.38	-1410.22	0.00	0.00	1415.52		PBHL_PT PT UF 7-34D-12-16

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)									
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL	7111.00	-122.38	-1410.22	512545.645	2391674.895	39° 43' 55.850 N	110° 6' 26.070 W	Circle (Radius: 100.00)	



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2833.00	2945.94	WASATCH
4620.00	4851.33	NORTH HORN
6255.00	6490.38	DARK CANYON
6476.00	6711.38	PRICE RIVER
6876.00	7111.38	PRICE RIVER 6840' SAND
6911.00	7146.38	PRICE RIVER 6840' BASE



Plan: Design #1 (PETERS POINT UF 7-34D-12-16/PT PT UF 7-34D-12-16)

Created By: ROBERT H. SCOTT Date: 11:10, April 10 2008



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

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

**SECTION 34 T12S R16E**

**PETERS POINT UF 7-34D-12-16**

**PT PT UF 7-34D-12-16**

**Design #1**

## **Anticollision Report**

**10 April, 2008**

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT UF 7-34D-12-16
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 6851.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 34 T12S R16E	<b>MD Reference:</b>	WELL @ 6851.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PETERS POINT UF 7-34D-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 7-34D-12-16	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Design #1
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria
<b>Interpolation Method:</b>	MD + Stations Interval 100.00ft
<b>Depth Range:</b>	0.00 to 20,000.00ft
<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

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	7,346.38	Design #1 (PT PT UF 7-34D-12-16)	MWD	MWD - Standard

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>SECTION 34 T12S R16E</b>						
PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-12-16	250.00	260.00	16.18	15.28	17.998	CC, ES
PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-12-16	500.00	509.68	24.02	22.01	11.964	SF
PETERS POINT 12-35D-12-16 - PT PT UF 12-35D-12-16	264.14	274.16	8.07	7.12	8.452	CC
PETERS POINT 12-35D-12-16 - PT PT UF 12-35D-12-16	300.00	310.04	8.17	7.07	7.404	ES, SF
PETERS POINT UF #8-34-12-16 - PT PT UF 8-34-12-16	468.90	477.70	18.73	17.28	12.874	CC, ES
PETERS POINT UF #8-34-12-16 - PT PT UF 8-34-12-16	600.00	608.12	22.87	20.95	11.899	SF
PETERS POINT UF 1-34D-12-16 - PT PT UF 1-34D-12-16	250.00	260.00	24.27	23.37	26.995	CC, ES
PETERS POINT UF 1-34D-12-16 - PT PT UF 1-34D-12-16	500.00	509.68	31.66	29.65	15.768	SF

SECTION 34 T12S R16E - PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-12-16 - Design #1														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	0.00 ft
Reference Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Hightside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	10.00	10.00	0.00	0.01	28.87		14.17	7.81	16.18					
100.00	100.00	110.00	110.00	0.11	0.12	28.87		14.17	7.81	16.18	15.96	0.22	71.992		
200.00	200.00	210.00	210.00	0.33	0.34	28.87		14.17	7.81	16.18	15.51	0.67	23.997		
250.00	250.00	260.00	260.00	0.44	0.46	28.87		14.17	7.81	16.18	15.28	0.90	17.998	CC, ES	
300.00	300.00	310.00	310.00	0.55	0.57	125.09		14.17	7.81	16.43	15.31	1.12	14.702		
400.00	399.93	409.93	409.93	0.76	0.79	133.86		14.17	7.81	18.65	17.10	1.56	11.996		
500.00	499.68	509.68	509.68	0.99	1.02	145.87		14.17	7.81	24.02	22.01	2.01	11.964	SF	
600.00	599.13	609.13	609.13	1.26	1.24	155.96		14.17	7.81	33.20	30.74	2.47	13.467		
650.00	648.70	658.70	658.70	1.41	1.35	159.80		14.17	7.81	39.26	36.57	2.69	14.571		
700.00	698.21	708.21	708.21	1.56	1.46	162.80		14.17	7.81	45.86	42.94	2.92	15.712		
800.00	797.24	807.24	807.24	1.88	1.69	166.78		14.17	7.81	59.31	55.94	3.37	17.599		
900.00	896.27	906.27	906.27	2.21	1.91	169.28		14.17	7.81	72.93	69.11	3.82	19.073		
1,000.00	995.30	1,005.30	1,005.30	2.54	2.13	170.99		14.17	7.81	86.65	82.37	4.28	20.245		
1,065.34	1,060.00	1,069.62	1,069.62	2.76	2.27	171.84		14.17	7.83	95.66	91.09	4.58	20.902		
1,100.00	1,094.28	1,102.51	1,102.51	2.88	2.34	172.29		14.13	8.20	101.07	96.34	4.73	21.373		
1,200.00	1,192.72	1,195.87	1,195.79	3.26	2.53	173.84		13.76	11.82	122.15	117.00	5.16	23.685		
1,300.00	1,290.30	1,286.27	1,285.90	3.71	2.72	175.44		13.04	18.92	151.26	145.67	5.59	27.044		
1,400.00	1,386.83	1,372.91	1,371.94	4.22	2.92	176.84		12.02	29.03	188.10	182.08	6.03	31.213		
1,500.00	1,482.13	1,455.16	1,453.20	4.81	3.13	178.01		10.74	41.62	232.30	225.85	6.45	35.994		
1,583.38	1,560.53	1,520.01	1,516.92	5.36	3.32	178.80		9.53	53.59	274.44	267.64	6.80	40.337		

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:** SECTION 34 T12S R16E  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 7-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 7-34D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PETERS POINT UF 7-34D-12-16  
**TVD Reference:** WELL @ 6851.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6851.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** Compass  
**Offset TVD Reference:** Offset Datum

SECTION 34 T12S R16E - PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-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				Separation Factor	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Tooface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)			Minimum Separation (ft)	
1,600.00	1,576.05	1,532.53	1,529.19	5.47	3.36	178.95	9.27	56.11	283.34	276.46	6.88	41.179		
1,700.00	1,669.44	1,600.00	1,595.02	6.18	3.58	179.66	7.78	70.81	338.52	331.19	7.33	46.181		
1,800.00	1,762.83	1,676.57	1,669.16	6.90	3.87	-179.65	5.85	89.83	396.17	388.36	7.81	50.747		
1,900.00	1,856.21	1,744.03	1,733.92	7.62	4.17	-179.13	3.94	108.62	456.30	448.03	8.27	55.179		
2,000.00	1,949.60	1,800.00	1,787.21	8.35	4.43	-178.75	2.21	125.64	518.79	510.08	8.71	59.546		
2,100.00	2,042.99	1,870.23	1,853.46	9.09	4.81	-178.31	-0.14	148.82	583.23	574.04	9.19	63.459		
2,200.00	2,136.38	1,929.17	1,908.48	9.83	5.16	-177.98	-2.27	169.83	649.74	640.09	9.65	67.314		
2,300.00	2,229.77	1,995.67	1,970.05	10.57	5.59	-177.64	-4.81	194.84	717.79	707.66	10.13	70.846		
2,400.00	2,323.16	2,068.73	2,037.64	11.32	6.09	-177.33	-7.61	222.44	786.01	775.39	10.61	74.054		
2,500.00	2,416.55	2,141.79	2,105.23	12.07	6.60	-177.06	-10.41	250.03	854.24	843.14	11.10	76.981		
2,600.00	2,509.93	2,214.85	2,172.82	12.81	7.12	-176.84	-13.21	277.63	922.47	910.89	11.58	79.628		
2,700.00	2,603.32	2,287.91	2,240.41	13.56	7.66	-176.65	-16.01	305.23	990.71	978.63	12.06	82.024		
2,800.00	2,696.71	2,360.97	2,307.99	14.32	8.20	-176.48	-18.81	332.82	1,058.96	1,046.38	12.58	84.202		
2,900.00	2,790.10	2,434.03	2,375.58	15.07	8.75	-176.33	-21.61	360.42	1,127.21	1,114.13	13.08	86.196		
3,000.00	2,883.49	2,507.08	2,443.17	15.82	9.30	-176.20	-24.41	388.02	1,195.47	1,181.88	13.58	88.026		
3,100.00	2,976.88	2,580.14	2,510.76	16.57	9.86	-176.09	-27.21	415.61	1,263.72	1,249.64	14.09	89.701		
3,200.00	3,070.27	2,653.20	2,578.35	17.33	10.42	-175.98	-30.01	443.21	1,331.98	1,317.39	14.60	91.244		
3,300.00	3,163.65	2,726.26	2,645.93	18.08	10.98	-175.89	-32.81	470.80	1,400.25	1,385.14	15.11	92.671		
3,400.00	3,257.04	2,799.32	2,713.52	18.84	11.55	-175.80	-35.61	498.40	1,468.51	1,452.89	15.62	93.993		
3,500.00	3,350.43	2,872.38	2,781.11	19.59	12.12	-175.72	-38.41	526.00	1,536.78	1,520.64	16.14	95.213		
3,600.00	3,443.82	2,945.43	2,848.70	20.35	12.69	-175.65	-41.21	553.59	1,605.04	1,588.39	16.66	96.360		
3,700.00	3,537.21	3,018.49	2,916.29	21.11	13.26	-175.59	-44.01	581.19	1,673.31	1,656.13	17.18	97.410		
3,800.00	3,630.60	3,091.55	2,983.87	21.86	13.84	-175.53	-46.81	608.79	1,741.58	1,723.88	17.70	98.398		
3,900.00	3,723.99	3,164.61	3,051.46	22.62	14.41	-175.47	-49.61	636.38	1,809.85	1,791.63	18.22	99.320		
4,000.00	3,817.38	3,237.67	3,119.05	23.38	14.99	-175.42	-52.41	663.98	1,878.12	1,859.38	18.75	100.185		
4,100.00	3,910.76	3,310.73	3,186.64	24.13	15.57	-175.37	-55.21	691.58	1,946.40	1,927.12	19.27	100.996		
4,200.00	4,004.15	3,383.78	3,254.23	24.89	16.14	-175.33	-58.01	719.17	2,014.67	1,994.87	19.80	101.757		
4,300.00	4,097.54	3,456.84	3,321.81	25.65	16.72	-175.28	-60.81	746.77	2,082.94	2,062.62	20.33	102.473		
4,400.00	4,190.93	3,529.90	3,389.40	26.41	17.30	-175.24	-63.61	774.36	2,151.22	2,130.36	20.86	103.148		
4,500.00	4,284.32	3,602.96	3,456.99	27.17	17.88	-175.21	-66.41	801.96	2,219.49	2,198.11	21.39	103.786		
4,517.34	4,300.51	3,615.62	3,468.71	27.30	17.99	-175.20	-66.89	806.74	2,231.33	2,209.85	21.48	103.892		
4,600.00	4,378.22	3,677.02	3,525.50	27.83	18.47	-175.32	-69.25	829.93	2,286.57	2,264.59	22.08	103.548		
4,700.00	4,473.52	3,753.88	3,596.61	28.34	19.09	-175.44	-72.19	858.97	2,350.61	2,327.85	22.77	103.248		
4,800.00	4,570.04	3,833.44	3,670.21	28.78	19.72	-175.54	-75.24	889.02	2,411.16	2,387.74	23.42	102.969		
4,900.00	4,667.61	3,915.54	3,746.17	29.15	20.38	-175.61	-78.39	920.03	2,468.18	2,444.15	24.03	102.715		
5,000.00	4,766.04	4,000.04	3,824.34	29.46	21.05	-175.66	-81.63	951.95	2,521.58	2,496.98	24.60	102.489		
5,100.00	4,865.15	4,086.77	3,904.57	29.71	21.74	-175.69	-84.95	984.71	2,571.26	2,546.13	25.14	102.294		
5,200.00	4,964.74	4,175.57	3,986.72	29.89	22.45	-175.71	-88.35	1,018.25	2,617.12	2,591.50	25.62	102.133		
5,300.00	5,064.63	4,264.47	4,069.36	30.01	23.17	-175.73	-91.81	1,052.48	2,656.83	2,629.76	26.07	98.163		
5,355.38	5,120.00	5,351.25	5,130.00	30.06	23.92	89.78	-112.27	1,253.96	2,664.20	2,635.91	28.29	94.164		
5,400.00	5,164.62	5,395.87	5,174.62	30.09	24.66	89.78	-112.27	1,253.96	2,664.20	2,635.77	28.43	93.717		
5,500.00	5,264.62	5,495.87	5,274.62	30.17	25.41	89.78	-112.27	1,253.96	2,664.20	2,635.46	28.74	92.713		
5,600.00	5,364.62	5,595.87	5,374.62	30.25	26.14	89.78	-112.27	1,253.96	2,664.20	2,635.15	29.05	91.718		
5,700.00	5,464.62	5,695.87	5,474.62	30.34	26.84	89.78	-112.27	1,253.96	2,664.20	2,634.84	29.36	90.733		
5,800.00	5,564.62	5,795.87	5,574.62	30.42	27.53	89.78	-112.27	1,253.96	2,664.20	2,634.52	29.68	89.759		
5,900.00	5,664.62	5,895.87	5,674.62	30.51	28.21	89.78	-112.27	1,253.96	2,664.20	2,634.19	30.00	88.796		
6,000.00	5,764.62	5,995.87	5,774.62	30.59	28.89	89.78	-112.27	1,253.96	2,664.20	2,633.87	30.33	87.843		
6,100.00	5,864.62	6,095.87	5,874.62	30.68	29.56	89.78	-112.27	1,253.96	2,664.20	2,633.54	30.66	86.902		
6,200.00	5,964.62	6,195.87	5,974.62	30.77	30.21	89.78	-112.27	1,253.96	2,664.20	2,633.21	30.99	85.973		
6,300.00	6,064.62	6,295.87	6,074.62	30.86	30.84	89.78	-112.27	1,253.96	2,664.20	2,632.88	31.32	85.055		
6,400.00	6,164.62	6,395.87	6,174.62	30.96	31.45	89.78	-112.27	1,253.96	2,664.20	2,632.54	31.66	84.149		
6,500.00	6,264.62	6,495.87	6,274.62	31.05	32.04	89.78	-112.27	1,253.96	2,664.20	2,632.20	32.00	83.255		

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



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** SECTION 34 T12S R16E  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 7-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 7-34D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PETERS POINT UF 7-34D-12-16  
**TVD Reference:** WELL @ 6851.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6851.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** Compass  
**Offset TVD Reference:** Offset Datum

Offset Design SECTION 34 T12S R16E - PETERS POINT UF 5-35D-12-16 - PT PT UF 5-35D-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)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E+W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
6,600.00	6,364.62	6,595.87	6,374.62	31.15	28.14	89.78	-112.27	1,253.96	2,664.20	2,631.86	32.34	82.373		
6,700.00	6,464.62	6,695.87	6,474.62	31.24	28.25	89.78	-112.27	1,253.96	2,664.20	2,631.51	32.69	81.503		
6,800.00	6,564.62	6,795.87	6,574.62	31.34	28.36	89.78	-112.27	1,253.96	2,664.20	2,631.16	33.04	80.645		
6,900.00	6,664.62	6,895.87	6,674.62	31.44	28.47	89.78	-112.27	1,253.96	2,664.20	2,630.81	33.39	79.800		
7,000.00	6,764.62	6,995.87	6,774.62	31.54	28.58	89.78	-112.27	1,253.96	2,664.20	2,630.46	33.74	78.966		
7,100.00	6,864.62	7,095.87	6,874.62	31.64	28.70	89.78	-112.27	1,253.96	2,664.20	2,630.10	34.09	78.144		
7,200.00	6,964.62	7,195.87	6,974.62	31.74	28.81	89.78	-112.27	1,253.96	2,664.20	2,629.75	34.45	77.334		
7,300.00	7,064.62	7,295.87	7,074.62	31.85	28.93	89.78	-112.27	1,253.96	2,664.20	2,629.39	34.81	76.537		
7,328.62	7,093.24	7,324.50	7,103.24	31.88	28.96	89.78	-112.27	1,253.96	2,664.20	2,629.29	34.91	76.310		
7,346.38	7,111.00	7,336.25	7,115.00	31.90	28.97	89.78	-112.27	1,253.96	2,664.21	2,629.24	34.97	76.195		



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 34 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 7-34D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT UF 7-34D-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 7-34D-12-16  
 TVD Reference: WELL @ 6851.00ft (Original Well Elev)  
 MD Reference: WELL @ 6851.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: Compass  
 Offset TVD Reference: Offset Datum

SECTION 34 T12S R16E - PETERS POINT 12-35D-12-16 - PT PT UF 12-35D-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								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
0.00	0.00	10.00	10.00	0.00	0.01	28.88	7.08	3.91	8.09						
100.00	100.00	110.00	110.00	0.11	0.12	28.88	7.08	3.91	8.09	7.86	0.22	35.987			
200.00	200.00	210.00	210.00	0.33	0.34	28.88	7.08	3.91	8.09	7.41	0.67	11.996			
250.00	250.00	260.01	260.01	0.44	0.45	28.99	7.07	3.92	8.08	7.19	0.90	9.013			
264.14	264.14	274.16	274.16	0.47	0.48	124.72	7.01	3.97	8.07	7.12	0.96	8.452 CC			
300.00	300.00	310.04	310.04	0.55	0.55	130.53	6.61	4.32	8.17	7.07	1.10	7.404 ES, SF			
400.00	399.93	409.79	409.71	0.76	0.76	164.25	3.71	6.82	11.47	9.94	1.52	7.521			
500.00	499.68	508.65	508.30	0.99	0.98	-172.90	-1.75	11.53	22.44	20.45	1.99	11.262			
600.00	599.13	606.08	605.16	1.26	1.24	-163.58	-9.65	18.34	40.57	38.09	2.48	16.349			
650.00	648.70	654.14	652.81	1.41	1.38	-161.08	-14.47	22.49	52.03	49.29	2.74	19.008			
700.00	698.21	702.61	700.80	1.56	1.53	-159.48	-19.58	26.89	64.22	61.24	2.98	21.568			
800.00	797.24	799.54	796.78	1.88	1.84	-157.60	-29.79	35.70	88.69	85.23	3.46	25.640			
900.00	896.27	896.47	892.77	2.21	2.16	-156.53	-40.01	44.51	113.21	109.26	3.95	28.640			
1,000.00	995.30	993.40	988.76	2.54	2.49	-155.84	-50.23	53.32	137.76	133.30	4.46	30.922			
1,065.34	1,060.00	1,056.73	1,051.48	2.76	2.70	-155.51	-56.90	59.08	153.80	149.02	4.79	32.134			
1,100.00	1,094.28	1,088.83	1,083.24	2.88	2.81	-155.29	-60.37	62.07	162.66	157.70	4.96	32.780			
1,200.00	1,192.72	1,178.12	1,171.25	3.26	3.15	-154.66	-71.77	71.90	192.93	187.45	5.48	35.177			
1,300.00	1,290.30	1,264.07	1,255.35	3.71	3.52	-154.05	-85.19	83.47	230.04	224.01	6.03	38.158			
1,400.00	1,386.83	1,346.19	1,336.03	4.22	3.92	-153.43	-100.23	96.43	273.66	267.07	6.59	41.529			
1,500.00	1,482.13	1,424.09	1,409.91	4.81	4.34	-152.81	-116.48	110.45	323.42	316.26	7.16	45.143			
1,583.38	1,560.53	1,485.61	1,468.50	5.36	4.70	-152.27	-130.68	122.69	369.32	361.66	7.66	48.210			
1,600.00	1,576.05	1,500.00	1,482.13	5.47	4.78	-152.29	-134.17	125.70	378.89	371.12	7.77	48.736			
1,700.00	1,669.44	1,567.54	1,545.72	6.18	5.23	-152.29	-151.42	140.57	437.68	429.26	8.43	51.937			
1,800.00	1,762.83	1,634.89	1,608.42	6.90	5.70	-152.15	-170.03	156.62	498.58	489.48	9.09	54.833			
1,900.00	1,856.21	1,700.00	1,668.33	7.62	6.19	-151.92	-189.34	173.26	561.44	551.68	9.77	57.484			
2,000.00	1,949.60	1,761.69	1,724.40	8.35	6.70	-151.63	-208.82	190.06	626.18	615.73	10.45	59.899			
2,100.00	2,042.99	1,821.27	1,777.88	9.09	7.22	-151.31	-228.71	207.20	692.69	681.54	11.14	62.165			
2,200.00	2,136.38	1,878.40	1,828.50	9.83	7.74	-150.98	-248.76	224.49	760.86	749.02	11.84	64.282			
2,300.00	2,229.77	1,933.16	1,876.39	10.57	8.27	-150.64	-268.88	241.83	830.61	818.08	12.53	66.275			
2,400.00	2,323.16	1,989.58	1,925.08	11.32	8.83	-150.28	-290.47	260.45	901.82	888.57	13.25	68.076			
2,500.00	2,416.55	2,059.17	1,984.90	12.07	9.56	-149.87	-317.40	283.66	973.48	959.46	14.02	69.444			
2,600.00	2,509.93	2,128.77	2,044.73	12.81	10.28	-149.52	-344.33	306.88	1,045.16	1,030.37	14.79	70.677			
2,700.00	2,603.32	2,198.36	2,104.55	13.56	11.01	-149.22	-371.25	330.10	1,116.86	1,101.30	15.56	71.773			
2,800.00	2,696.71	2,267.95	2,164.37	14.32	11.75	-148.95	-398.18	353.31	1,188.57	1,172.23	16.34	72.737			
2,900.00	2,790.10	2,337.54	2,224.20	15.07	12.49	-148.71	-425.11	376.53	1,260.30	1,243.17	17.12	73.605			
3,000.00	2,883.49	2,407.14	2,284.02	15.82	13.23	-148.50	-452.04	399.74	1,332.03	1,314.12	17.91	74.390			
3,100.00	2,976.88	2,476.73	2,343.85	16.57	13.97	-148.31	-478.97	422.96	1,403.77	1,385.08	18.69	75.093			
3,200.00	3,070.27	2,546.32	2,403.67	17.33	14.72	-148.13	-505.90	446.18	1,475.52	1,456.04	19.48	75.732			
3,300.00	3,163.65	2,615.91	2,463.49	18.08	15.46	-147.98	-532.83	469.39	1,547.27	1,527.00	20.27	76.317			
3,400.00	3,257.04	2,685.50	2,523.32	18.84	16.21	-147.84	-559.76	492.61	1,619.03	1,597.97	21.07	76.850			
3,500.00	3,350.43	2,755.10	2,583.14	19.59	16.96	-147.71	-586.69	515.83	1,690.80	1,668.93	21.86	77.337			
3,600.00	3,443.82	2,824.69	2,642.96	20.35	17.71	-147.59	-613.62	539.04	1,762.56	1,739.91	22.66	77.787			
3,700.00	3,537.21	2,894.28	2,702.79	21.11	18.46	-147.48	-640.55	562.26	1,834.34	1,810.88	23.46	78.202			
3,800.00	3,630.60	2,963.87	2,762.61	21.86	19.21	-147.37	-667.48	585.48	1,906.11	1,881.85	24.26	78.584			
3,900.00	3,723.99	3,033.46	2,822.44	22.62	19.97	-147.28	-694.41	608.69	1,977.89	1,952.83	25.06	78.939			
4,000.00	3,817.38	3,103.06	2,882.26	23.38	20.72	-147.19	-721.34	631.91	2,049.67	2,023.81	25.86	79.270			
4,100.00	3,910.76	3,172.65	2,942.08	24.13	21.47	-147.11	-748.26	655.12	2,121.45	2,094.79	26.66	79.577			
4,200.00	4,004.15	3,242.24	3,001.91	24.89	22.23	-147.03	-775.19	678.34	2,193.23	2,165.77	27.46	79.864			
4,300.00	4,097.54	3,311.83	3,061.73	25.65	22.98	-146.96	-802.12	701.56	2,265.02	2,236.76	28.27	80.133			
4,400.00	4,190.93	3,381.43	3,121.56	26.41	23.74	-146.89	-829.05	724.77	2,336.80	2,307.73	29.07	80.385			
4,500.00	4,284.32	3,451.02	3,181.38	27.17	24.49	-146.83	-855.98	747.99	2,408.59	2,378.72	29.88	80.620			
4,517.34	4,300.51	3,463.08	3,191.75	27.30	24.63	-146.82	-860.65	752.01	2,421.04	2,391.02	30.02	80.660			

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



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 34 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 7-34D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT UF 7-34D-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 7-34D-12-16  
 TVD Reference: WELL @ 6851.00ft (Original Well Elev)  
 MD Reference: WELL @ 6851.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: Compass  
 Offset TVD Reference: Offset Datum

Offset Design SECTION 34 T12S R16E - PETERS POINT 12-35D-12-16 - PT PT UF 12-35D-12-16 - Design #1													Offset Site Error:	0.00 ft
Survey Program: O-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)	Highside Tooface (°)	Offset Wellbore Centre +N-S (ft)	Offset Wellbore Centre +E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,600.00	4,378.22	3,521.47	3,241.94	27.83	25.26	-147.86	-883.24	771.49	2,479.50	2,448.62	30.88	80.286		
4,700.00	4,473.52	3,594.33	3,304.68	28.34	26.05	-148.93	-911.44	795.80	2,547.80	2,515.93	31.87	79.945		
4,800.00	4,570.04	3,669.51	3,369.20	28.78	26.87	-149.82	-940.53	820.88	2,613.34	2,580.51	32.83	79.599		
4,900.00	4,667.61	3,746.84	3,435.68	29.15	27.71	-150.56	-970.45	846.68	2,676.02	2,642.26	33.76	79.270		
5,000.00	4,766.04	3,826.20	3,503.90	29.46	28.57	-151.17	-1,001.16	873.15	2,735.73	2,701.09	34.64	78.974		
5,100.00	4,866.15	3,907.43	3,573.72	29.71	29.46	-151.65	-1,032.59	900.25	2,792.39	2,756.92	35.47	78.721		
5,200.00	4,964.74	3,990.36	3,645.02	29.89	30.36	-152.02	-1,064.68	927.92	2,845.93	2,809.69	36.25	78.519		
5,300.00	5,064.83	4,074.85	3,717.65	30.01	31.28	-152.29	-1,097.38	956.11	2,896.28	2,859.33	36.95	78.374		
5,355.38	5,120.00	4,122.26	3,758.40	30.06	31.80	112.64	-1,115.72	971.92	2,922.77	2,885.45	37.32	78.312		
5,400.00	5,164.62	4,160.81	3,791.37	30.09	32.22	112.83	-1,130.57	984.71	2,943.73	2,906.14	37.58	78.324		
5,500.00	5,264.62	5,727.18	5,274.62	30.17	39.92	116.37	-1,443.85	1,254.81	2,974.67	2,952.39	22.28	133.541		
5,600.00	5,364.62	5,827.18	5,374.62	30.25	39.98	116.37	-1,443.85	1,254.81	2,974.67	2,951.48	23.19	128.271		
5,700.00	5,464.62	5,927.18	5,474.62	30.34	40.03	116.37	-1,443.85	1,254.81	2,974.67	2,950.73	23.94	124.242		
5,800.00	5,564.62	6,027.18	5,574.62	30.42	40.09	116.37	-1,443.85	1,254.81	2,974.67	2,950.06	24.61	120.874		
5,900.00	5,664.62	6,127.18	5,674.62	30.51	40.15	116.37	-1,443.85	1,254.81	2,974.67	2,949.45	25.22	117.933		
6,000.00	5,764.62	6,227.18	5,774.62	30.59	40.21	116.37	-1,443.85	1,254.81	2,974.67	2,948.87	25.80	115.297		
6,100.00	5,864.62	6,327.18	5,874.62	30.68	40.27	116.37	-1,443.85	1,254.81	2,974.67	2,948.32	26.35	112.894		
6,200.00	5,964.62	6,427.18	5,974.62	30.77	40.33	116.37	-1,443.85	1,254.81	2,974.67	2,947.79	26.88	110.675		
6,300.00	6,064.62	6,527.18	6,074.62	30.86	40.40	116.37	-1,443.85	1,254.81	2,974.67	2,947.28	27.39	108.608		
6,400.00	6,164.62	6,627.18	6,174.62	30.96	40.46	116.37	-1,443.85	1,254.81	2,974.67	2,946.78	27.89	106.667		
6,500.00	6,264.62	6,727.18	6,274.62	31.05	40.53	116.37	-1,443.85	1,254.81	2,974.67	2,946.30	28.37	104.836		
6,600.00	6,364.62	6,827.18	6,374.62	31.15	40.59	116.37	-1,443.85	1,254.81	2,974.67	2,945.82	28.85	103.099		
6,700.00	6,464.62	6,927.18	6,474.62	31.24	40.66	116.37	-1,443.85	1,254.81	2,974.67	2,945.35	29.32	101.445		
6,800.00	6,564.62	7,027.18	6,574.62	31.34	40.73	116.37	-1,443.85	1,254.81	2,974.67	2,944.88	29.79	99.866		
6,900.00	6,664.62	7,127.18	6,674.62	31.44	40.80	116.37	-1,443.85	1,254.81	2,974.67	2,944.43	30.24	98.354		
7,000.00	6,764.62	7,227.18	6,774.62	31.54	40.87	116.37	-1,443.85	1,254.81	2,974.67	2,943.97	30.70	96.902		
7,100.00	6,864.62	7,327.18	6,874.62	31.64	40.94	116.37	-1,443.85	1,254.81	2,974.67	2,943.52	31.15	95.505		
7,200.00	6,964.62	7,427.18	6,974.62	31.74	41.02	116.37	-1,443.85	1,254.81	2,974.67	2,943.08	31.59	94.159		
7,300.00	7,064.62	7,527.18	7,074.62	31.85	41.09	116.37	-1,443.85	1,254.81	2,974.67	2,942.64	32.03	92.861		
7,326.67	7,091.29	7,553.85	7,101.29	31.88	41.11	116.37	-1,443.85	1,254.81	2,974.67	2,942.52	32.15	92.522		
7,346.38	7,111.00	7,563.56	7,111.00	31.90	41.12	116.37	-1,443.85	1,254.81	2,974.69	2,942.48	32.21	92.360		



# BILL BARRETT CORPORATION

## Anticollision Report

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** SECTION 34 T12S R16E  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 7-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 7-34D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**  
**Output errors are at**  
**Database:**  
**Offset TVD Reference:**

Well PETERS POINT UF 7-34D-12-16  
 WELL @ 6851.00ft (Original Well Elev)  
 WELL @ 6851.00ft (Original Well Elev)  
 True  
 Minimum Curvature  
 2.00 sigma  
 Compass  
 Offset Datum

Offset Design SECTION 34 T12S R16E - PETERS POINT UF #8-34-12-16 - PT PT UF 8-34-12-16 - PT PT UF 8-34-12													Offset Site Error:	0.00 ft
Survey Program: 1070-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)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	9.08	9.08	0.00	0.01	-27.29	19.06	-9.83	21.45					
100.00	100.00	109.07	109.07	0.11	0.12	-27.77	18.67	-9.83	21.10	20.88	0.23	92.326		
200.00	200.00	209.06	209.06	0.33	0.23	-28.16	18.37	-9.83	20.83	20.27	0.57	36.872		
250.00	250.00	259.05	259.05	0.44	0.29	-28.32	18.24	-9.83	20.73	19.99	0.73	28.265		
300.00	300.00	309.04	309.04	0.55	0.35	67.63	18.14	-9.83	20.47	19.57	0.89	22.881		
400.00	399.93	408.96	408.96	0.76	0.46	77.08	18.00	-9.83	19.27	18.05	1.22	15.837		
468.90	468.68	477.70	477.70	0.92	0.53	90.35	17.95	-9.83	18.73	17.28	1.45	12.874	CC, ES	
500.00	499.68	508.69	508.69	0.99	0.57	98.05	17.94	-9.83	18.91	17.34	1.56	12.104		
600.00	599.13	608.12	608.12	1.26	0.68	124.77	17.96	-9.83	22.87	20.95	1.92	11.899	SF	
650.00	648.70	657.69	657.68	1.41	0.73	136.00	17.99	-9.83	27.17	25.07	2.10	12.938		
700.00	698.21	707.19	707.19	1.56	0.79	144.43	18.05	-9.83	32.60	30.32	2.27	14.335		
800.00	797.24	806.19	806.19	1.88	0.90	154.65	18.23	-9.83	44.77	42.16	2.62	17.098		
900.00	896.27	905.19	905.19	2.21	1.01	160.34	18.49	-9.83	57.78	54.82	2.96	19.489		
1,000.00	995.30	1,004.18	1,004.18	2.54	1.12	163.85	18.83	-9.83	71.18	67.86	3.31	21.480		
1,065.34	1,060.00	1,068.86	1,068.86	2.76	1.19	165.49	19.10	-9.83	80.05	76.50	3.55	22.578		
1,100.00	1,094.28	1,103.30	1,103.28	2.88	1.27	166.31	19.10	-9.83	84.98	81.28	3.70	22.948		
1,200.00	1,192.72	1,201.74	1,201.72	3.26	1.49	168.56	19.10	-9.83	102.14	97.97	4.17	24.497		
1,300.00	1,290.30	1,299.32	1,299.30	3.71	1.71	170.47	19.10	-9.83	123.64	119.00	4.63	26.674		
1,400.00	1,386.83	1,395.85	1,395.83	4.22	1.93	172.04	19.10	-9.83	149.43	144.33	5.10	29.309		
1,500.00	1,482.13	1,491.15	1,491.13	4.81	2.14	173.28	19.10	-9.83	179.47	173.91	5.56	32.282		
1,583.38	1,580.53	1,589.63	1,589.60	5.36	2.32	174.15	18.99	-9.83	207.69	201.75	5.94	34.952		
1,600.00	1,576.05	1,585.14	1,585.11	5.47	2.35	174.32	18.97	-9.83	213.60	207.58	6.02	35.466		
1,700.00	1,669.44	1,678.51	1,678.48	6.18	2.56	175.16	18.85	-9.83	249.21	242.70	6.51	38.270		
1,800.00	1,762.83	1,771.87	1,771.83	6.90	2.77	175.78	18.81	-9.83	284.86	277.85	7.01	40.651		
1,900.00	1,856.21	1,865.22	1,865.18	7.62	2.98	176.24	18.84	-9.83	320.55	313.04	7.51	42.693		
2,000.00	1,949.60	1,958.56	1,958.53	8.35	3.19	176.60	18.94	-9.83	356.26	348.25	8.01	44.460		
2,100.00	2,042.99	2,052.17	2,052.11	9.09	3.40	176.89	19.10	-9.83	391.99	383.47	8.52	45.998		
2,200.00	2,136.38	2,145.55	2,145.48	9.83	3.61	177.17	18.91	-9.83	427.68	418.64	9.03	47.338		
2,300.00	2,229.77	2,238.93	2,238.86	10.57	3.83	177.41	18.77	-9.83	463.38	453.83	9.55	48.523		
2,400.00	2,323.16	2,332.30	2,332.22	11.32	4.04	177.61	18.66	-9.83	499.10	489.03	10.07	49.579		
2,500.00	2,416.55	2,425.66	2,425.59	12.07	4.25	177.78	18.60	-9.83	534.82	524.23	10.59	50.525		
2,600.00	2,509.93	2,519.03	2,518.95	12.81	4.46	177.92	18.57	-9.83	570.55	559.45	11.11	51.377		
2,700.00	2,603.32	2,612.38	2,612.30	13.56	4.67	178.04	18.59	-9.83	606.29	594.66	11.63	52.147		
2,800.00	2,696.71	2,705.74	2,705.65	14.32	4.88	178.14	18.64	-9.83	642.04	629.89	12.15	52.848		
2,900.00	2,790.10	2,799.08	2,799.00	15.07	5.09	178.23	18.73	-9.83	677.79	665.12	12.67	53.498		
3,000.00	2,883.49	2,892.43	2,892.34	15.82	5.30	178.31	18.86	-9.83	713.55	700.35	13.20	54.074		
3,100.00	2,976.88	2,985.77	2,985.68	16.57	5.51	178.38	19.03	-9.83	749.31	735.59	13.72	54.612		
3,200.00	3,070.27	3,079.45	3,079.27	17.33	5.72	178.45	19.10	-9.83	785.06	770.82	14.25	55.100		
3,300.00	3,163.65	3,172.84	3,172.65	18.08	5.93	178.51	19.10	-9.83	820.81	806.03	14.78	55.560		
3,400.00	3,257.04	3,266.23	3,266.04	18.84	6.14	178.58	19.10	-9.83	856.56	841.25	15.30	55.957		
3,500.00	3,350.43	3,359.63	3,359.43	19.59	6.35	178.63	19.10	-9.83	892.30	876.47	15.83	56.355		
3,600.00	3,443.82	3,453.02	3,452.82	20.35	6.56	178.69	19.10	-9.83	928.05	911.69	16.36	56.716		
3,700.00	3,537.21	3,546.41	3,546.21	21.11	6.77	178.73	19.10	-9.83	963.80	946.91	16.89	57.054		
3,800.00	3,630.60	3,639.81	3,639.60	21.86	6.99	178.78	19.10	-9.83	999.55	982.13	17.42	57.371		
3,900.00	3,723.99	3,733.20	3,732.99	22.62	7.20	178.82	19.10	-9.83	1,035.30	1,017.35	17.95	57.667		
4,000.00	3,817.38	3,826.59	3,826.38	23.38	7.41	178.86	19.10	-9.83	1,071.05	1,052.57	18.48	57.947		
4,100.00	3,910.76	3,919.99	3,919.76	24.13	7.62	178.90	19.10	-9.83	1,106.80	1,087.79	19.01	58.210		
4,200.00	4,004.15	4,013.38	4,013.15	24.89	7.83	178.93	19.10	-9.83	1,142.55	1,123.01	19.55	58.458		
4,300.00	4,097.54	4,106.36	4,106.36	25.65	8.04	178.96	19.16	-9.83	1,178.31	1,158.24	20.07	58.703		
4,400.00	4,190.93	4,199.84	4,199.50	26.41	8.22	178.97	19.51	-9.83	1,214.10	1,193.52	20.58	58.985		
4,500.00	4,284.32	4,293.32	4,292.98	27.17	8.41	178.99	19.79	-9.83	1,249.88	1,228.79	21.09	59.252		
4,517.34	4,300.51	4,309.53	4,309.18	27.30	8.44	178.99	19.83	-9.83	1,256.08	1,234.90	21.18	59.297		

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: SECTION 34 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 7-34D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT UF 7-34D-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 7-34D-12-16  
 TVD Reference: WELL @ 6851.00ft (Original Well Elev)  
 MD Reference: WELL @ 6851.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: Compass  
 Offset TVD Reference: Offset Datum

Offset Design SECTION 34 T12S R16E - PETERS POINT UF #8-34-12-16 - PT PT UF 8-34-12-16 - PT PT UF 8-34-12													Offset Site Error:	0.00 ft
Survey Program: 1070-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)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,600.00	4,378.22	4,387.34	4,386.98	27.83	8.60	179.02	19.99	-9.83	1,284.26	1,262.57	21.68	59.233		
4,700.00	4,473.52	4,482.75	4,482.39	28.34	8.79	179.05	20.11	-9.83	1,314.56	1,292.33	22.22	59.154		
4,800.00	4,570.04	4,579.04	4,579.04	28.78	8.98	179.08	20.14	-9.83	1,340.66	1,317.95	22.71	59.023		
4,900.00	4,667.61	4,677.10	4,676.74	29.15	9.17	179.10	20.09	-9.83	1,362.53	1,339.37	23.15	58.846		
5,000.00	4,766.04	4,775.68	4,775.31	29.46	9.37	179.13	19.95	-9.83	1,380.11	1,356.56	23.54	58.627		
5,100.00	4,865.15	4,874.94	4,874.56	29.71	9.57	179.15	19.72	-9.83	1,393.36	1,369.49	23.87	58.370		
5,200.00	4,964.74	4,974.68	4,974.30	29.89	9.77	179.17	19.40	-9.83	1,402.28	1,378.13	24.15	58.077		
5,300.00	5,064.63	5,074.65	5,074.22	30.01	9.97	179.19	19.09	-9.83	1,406.83	1,382.47	24.36	57.745		
5,355.38	5,120.00	5,129.98	5,129.55	30.06	10.08	84.24	18.77	-9.83	1,407.48	1,382.90	24.58	57.262		
5,400.00	5,164.62	5,174.56	5,174.13	30.09	10.17	84.25	18.61	-9.83	1,407.46	1,382.73	24.74	56.900		
5,500.00	5,264.62	5,274.48	5,274.05	30.17	10.38	84.26	18.29	-9.83	1,407.43	1,382.35	25.09	56.101		
5,600.00	5,364.62	5,374.39	5,373.96	30.25	10.58	84.27	18.03	-9.83	1,407.41	1,381.97	25.44	55.321		
5,700.00	5,464.62	5,474.30	5,473.87	30.34	10.78	84.28	17.84	-9.83	1,407.39	1,381.59	25.80	54.558		
5,800.00	5,564.62	5,574.21	5,573.77	30.42	10.99	84.29	17.72	-9.83	1,407.38	1,381.22	26.15	53.813		
5,900.00	5,664.62	5,674.12	5,673.68	30.51	11.19	84.29	17.66	-9.83	1,407.37	1,380.86	26.51	53.084		
5,939.44	5,704.06	5,713.52	5,713.08	30.54	11.27	84.29	17.65	-9.83	1,407.37	1,380.71	26.65	52.801		
6,000.00	5,764.62	5,774.02	5,773.58	30.59	11.39	84.29	17.66	-9.83	1,407.37	1,380.50	26.87	52.372		
6,100.00	5,864.62	5,873.92	5,873.48	30.68	11.60	84.29	17.73	-9.83	1,407.38	1,380.14	27.24	51.675		
6,200.00	5,964.62	5,973.82	5,973.38	30.77	11.80	84.28	17.87	-9.83	1,407.39	1,379.79	27.60	50.995		
6,300.00	6,064.62	6,073.71	6,073.27	30.86	12.00	84.27	18.07	-9.83	1,407.41	1,379.45	27.96	50.329		
6,400.00	6,164.62	6,173.60	6,173.16	30.96	12.21	84.26	18.34	-9.83	1,407.44	1,379.11	28.33	49.678		
6,500.00	6,264.62	6,273.49	6,273.05	31.05	12.41	84.25	18.68	-9.83	1,407.47	1,378.77	28.70	49.042		
6,600.00	6,364.62	6,373.38	6,372.93	31.15	12.61	84.23	19.08	-9.83	1,407.51	1,378.44	29.07	48.419		
6,700.00	6,464.62	6,474.76	6,474.21	31.24	12.84	84.25	18.66	-9.83	1,407.47	1,378.01	29.46	47.769		
6,800.00	6,564.62	6,574.60	6,574.04	31.34	13.07	84.26	18.32	-9.83	1,407.44	1,377.58	29.86	47.138		
6,900.00	6,664.62	6,674.43	6,673.86	31.44	13.29	84.27	18.11	-9.83	1,407.41	1,377.16	30.25	46.522		
7,000.00	6,764.62	6,774.25	6,773.67	31.54	13.52	84.27	18.03	-9.83	1,407.41	1,376.76	30.65	45.921		
7,015.26	6,779.88	6,789.47	6,788.90	31.56	13.55	84.27	18.03	-9.83	1,407.41	1,376.70	30.71	45.830		
7,100.00	6,864.62	6,874.06	6,873.48	31.64	13.74	84.27	18.07	-9.83	1,407.41	1,376.36	31.05	45.333		
7,200.00	6,964.62	6,973.86	6,973.28	31.74	13.96	84.27	18.24	-9.83	1,407.43	1,375.98	31.44	44.759		
7,300.00	7,064.62	7,073.65	7,073.07	31.85	14.19	84.25	18.54	-9.83	1,407.46	1,375.61	31.84	44.198		
7,346.38	7,111.00	7,119.93	7,119.34	31.90	14.29	84.25	18.72	-9.83	1,407.48	1,375.45	32.03	43.942		



# BILL BARRETT CORPORATION

## Anticollision Report

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** SECTION 34 T12S R16E  
**Site Error:** 0.00ft  
**Reference Well:** PETERS POINT UF 7-34D-12-16  
**Well Error:** 0.00ft  
**Reference Wellbore:** PT PT UF 7-34D-12-16  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PETERS POINT UF 7-34D-12-16  
**TVD Reference:** WELL @ 6851.00ft (Original Well Elev)  
**MD Reference:** WELL @ 6851.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** Compass  
**Offset TVD Reference:** Offset Datum

SECTION 34 T12S R16E - PETERS POINT UF 1-34D-12-16 - PT PT UF 1-34D-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)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	10.00	10.00	0.00	0.01	28.87	21.25	11.72	24.27					
100.00	100.00	110.00	110.00	0.11	0.12	28.87	21.25	11.72	24.27	24.05	0.22	107.979		
200.00	200.00	210.00	210.00	0.33	0.34	28.87	21.25	11.72	24.27	23.60	0.67	35.993		
250.00	250.00	260.00	260.00	0.44	0.46	28.87	21.25	11.72	24.27	23.37	0.90	26.995 CC, ES		
300.00	300.00	310.00	310.00	0.55	0.57	124.68	21.25	11.72	24.52	23.40	1.12	21.939		
400.00	399.93	409.93	409.93	0.76	0.79	130.82	21.25	11.72	26.66	25.10	1.55	17.145		
500.00	499.68	509.68	509.68	0.99	1.02	140.34	21.25	11.72	31.66	29.65	2.01	15.768 SF		
600.00	599.13	609.13	609.13	1.26	1.24	149.78	21.25	11.72	40.28	37.81	2.47	16.315		
650.00	648.70	658.70	658.70	1.41	1.35	153.81	21.25	11.72	46.04	43.34	2.70	17.058		
700.00	698.21	708.21	708.21	1.56	1.46	157.17	21.25	11.72	52.39	49.46	2.93	17.908		
800.00	797.24	807.24	807.24	1.88	1.69	161.90	21.25	11.72	65.45	62.07	3.38	19.375		
900.00	896.27	906.27	906.27	2.21	1.91	165.04	21.25	11.72	78.81	74.98	3.63	20.564		
1,000.00	995.30	1,005.30	1,005.30	2.54	2.13	167.27	21.25	11.72	92.33	88.04	4.29	21.531		
1,065.34	1,060.00	1,069.91	1,069.91	2.76	2.28	168.39	21.27	11.72	101.23	96.64	4.59	22.069		
1,100.00	1,094.28	1,103.87	1,103.87	2.88	2.35	168.70	21.67	11.69	106.30	101.55	4.74	22.403		
1,200.00	1,192.72	1,201.21	1,201.12	3.26	2.57	168.38	25.59	11.39	124.34	119.14	5.20	23.891		
1,300.00	1,290.30	1,297.18	1,296.76	3.71	2.79	166.85	33.48	10.80	147.48	141.80	5.68	25.975		
1,400.00	1,386.63	1,391.28	1,390.13	4.22	3.02	164.72	45.09	9.93	175.78	169.61	6.18	28.461		
1,500.00	1,482.13	1,483.06	1,480.66	4.81	3.26	162.37	60.08	8.81	209.32	202.61	6.71	31.175		
1,583.38	1,560.53	1,557.53	1,553.63	5.36	3.48	160.42	74.89	7.70	241.28	234.08	7.20	33.496		
1,600.00	1,576.05	1,572.14	1,567.89	5.47	3.53	160.09	78.08	7.46	248.03	240.71	7.31	33.926		
1,700.00	1,669.44	1,659.16	1,652.36	6.18	3.83	158.06	98.91	5.90	289.48	281.48	8.00	36.184		
1,800.00	1,762.83	1,744.42	1,734.29	6.90	4.17	155.99	122.41	4.13	332.50	323.75	8.75	37.994		
1,900.00	1,856.21	1,827.74	1,813.46	7.62	4.55	153.93	148.29	2.19	377.21	367.64	9.56	39.455		
2,000.00	1,949.60	1,910.20	1,890.85	8.35	4.97	151.90	176.66	0.06	423.68	413.25	10.43	40.619		
2,100.00	2,042.99	1,997.32	1,972.26	9.09	5.46	150.03	207.60	-2.26	471.03	459.67	11.36	41.470		
2,200.00	2,136.38	2,084.43	2,053.67	9.83	5.97	148.50	238.53	-4.58	518.71	506.41	12.30	42.160		
2,300.00	2,229.77	2,171.55	2,135.08	10.57	6.50	147.23	269.47	-6.89	566.64	553.37	13.26	42.730		
2,400.00	2,323.16	2,258.67	2,216.48	11.32	7.04	146.15	300.40	-9.21	614.74	600.51	14.23	43.206		
2,500.00	2,416.55	2,345.79	2,297.89	12.07	7.59	145.22	331.33	-11.53	662.99	647.79	15.20	43.610		
2,600.00	2,509.93	2,432.91	2,379.30	12.81	8.14	144.42	362.27	-13.85	711.36	695.18	16.18	43.956		
2,700.00	2,603.32	2,520.03	2,460.71	13.56	8.71	143.73	393.20	-16.17	759.82	742.65	17.17	44.255		
2,800.00	2,696.71	2,607.15	2,542.12	14.32	9.27	143.11	424.14	-18.49	808.36	790.20	18.16	44.516		
2,900.00	2,790.10	2,694.26	2,623.53	15.07	9.85	142.57	455.07	-20.81	856.96	837.81	19.15	44.745		
3,000.00	2,883.49	2,781.38	2,704.93	15.82	10.43	142.08	486.00	-23.13	905.62	885.47	20.15	44.948		
3,100.00	2,976.88	2,868.50	2,786.34	16.57	11.01	141.64	516.94	-25.45	954.32	933.17	21.15	45.128		
3,200.00	3,070.27	2,955.62	2,867.75	17.33	11.59	141.24	547.87	-27.77	1,003.05	980.91	22.15	45.290		
3,300.00	3,163.65	3,042.74	2,949.16	18.08	12.17	140.89	578.81	-30.09	1,051.83	1,028.68	23.15	45.436		
3,400.00	3,257.04	3,129.86	3,030.57	18.84	12.76	140.56	609.74	-32.41	1,100.63	1,076.47	24.15	45.569		
3,500.00	3,350.43	3,216.97	3,111.98	19.59	13.35	140.26	640.68	-34.73	1,149.45	1,124.29	25.16	45.689		
3,600.00	3,443.82	3,304.09	3,193.38	20.35	13.94	139.98	671.61	-37.05	1,198.30	1,172.13	26.16	45.799		
3,700.00	3,537.21	3,391.21	3,274.79	21.11	14.53	139.73	702.54	-39.37	1,247.17	1,219.99	27.17	45.899		
3,800.00	3,630.60	3,478.33	3,356.20	21.86	15.12	139.49	733.48	-41.69	1,296.05	1,267.87	28.18	45.991		
3,900.00	3,723.99	3,565.45	3,437.61	22.62	15.72	139.28	764.41	-44.01	1,344.95	1,315.76	29.19	46.076		
4,000.00	3,817.38	3,652.57	3,519.02	23.38	16.31	139.07	795.35	-46.33	1,393.86	1,363.66	30.20	46.155		
4,100.00	3,910.76	3,739.69	3,600.43	24.13	16.91	138.89	826.28	-48.65	1,442.79	1,411.58	31.21	46.228		
4,200.00	4,004.15	3,826.80	3,681.84	24.89	17.50	138.71	857.21	-50.97	1,491.73	1,459.50	32.22	46.296		
4,300.00	4,097.54	3,913.92	3,763.24	25.65	18.10	138.54	888.15	-53.29	1,540.67	1,507.44	33.23	46.359		
4,400.00	4,190.93	4,001.04	3,844.65	26.41	18.70	138.39	919.08	-55.61	1,589.63	1,555.38	34.25	46.418		
4,500.00	4,284.32	4,088.16	3,926.06	27.17	19.30	138.24	950.02	-57.93	1,638.59	1,603.33	35.26	46.473		
4,517.34	4,300.51	4,103.26	3,940.17	27.30	19.40	138.22	955.38	-58.33	1,647.08	1,611.65	35.43	46.482		
4,600.00	4,378.22	4,175.77	4,007.93	27.83	19.90	138.81	981.12	-60.26	1,686.59	1,650.25	36.34	46.418		

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: SECTION 34 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 7-34D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT UF 7-34D-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 7-34D-12-16  
 TVD Reference: WELL @ 6851.00ft (Original Well Elev)  
 MD Reference: WELL @ 6851.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: Compass  
 Offset TVD Reference: Offset Datum

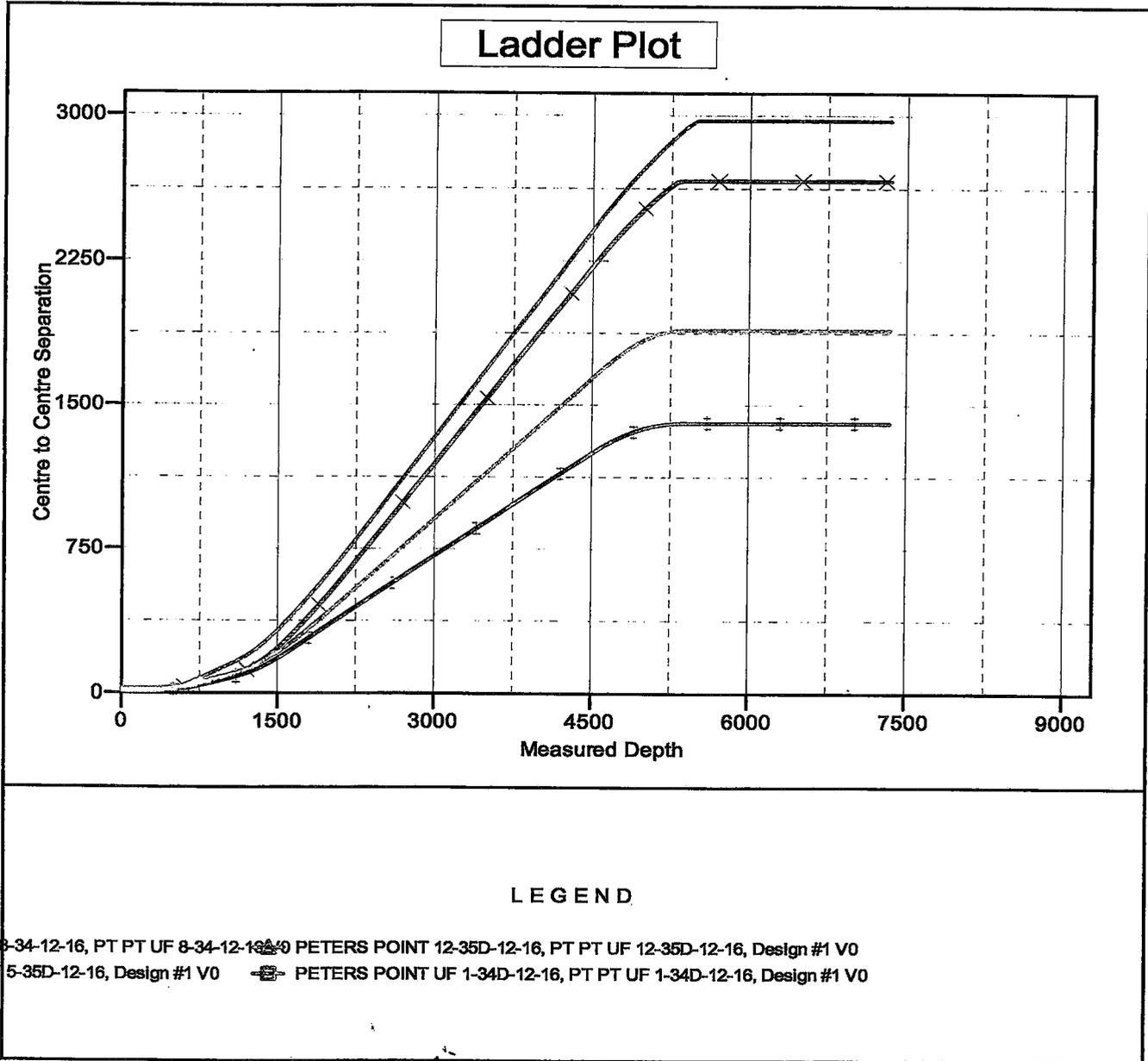
SECTION 34 T12S R16E - PETERS POINT UF 1-34D-12-16 - PT PT UF 1-34D-12-16 - Design #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Reference				Offset			Semi Major Axis			Distance				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,700.00	4,473.52	4,264.69	4,091.02	28.34	20.51	139.37	1,012.70	-62.63	1,731.75	1,694.40	37.35	46.366		
4,800.00	4,570.04	4,378.21	4,197.31	28.78	21.24	139.68	1,052.44	-65.61	1,773.73	1,735.31	38.42	46.168		
4,900.00	4,667.61	4,533.18	4,344.57	29.15	22.01	139.78	1,100.52	-69.22	1,810.16	1,770.67	39.49	45.840		
5,000.00	4,765.04	4,694.81	4,500.70	29.46	22.70	139.83	1,142.13	-72.34	1,840.15	1,799.71	40.44	45.504		
5,100.00	4,865.15	4,862.08	4,664.49	29.71	23.29	139.84	1,175.87	-74.87	1,863.38	1,822.13	41.25	45.175		
5,200.00	4,964.74	5,033.76	4,894.35	29.89	23.77	139.83	1,200.53	-76.72	1,879.59	1,837.69	41.90	44.855		
5,300.00	5,064.63	5,208.38	5,008.33	30.01	24.13	139.80	1,215.17	-77.82	1,888.60	1,846.21	42.39	44.554		
5,355.38	5,120.00	5,305.77	5,105.85	30.06	24.26	44.81	1,218.73	-78.08	1,890.44	1,858.50	31.93	59.196		
5,400.00	5,164.62	5,374.75	5,174.62	30.09	24.33	44.80	1,219.28	-78.12	1,890.64	1,858.53	32.11	58.880		
5,500.00	5,264.62	5,474.75	5,274.62	30.17	24.43	44.80	1,219.28	-78.12	1,890.64	1,858.19	32.45	58.268		
5,600.00	5,364.62	5,574.75	5,374.62	30.25	24.53	44.80	1,219.28	-78.12	1,890.64	1,857.85	32.79	57.660		
5,700.00	5,464.62	5,674.75	5,474.62	30.34	24.63	44.80	1,219.28	-78.12	1,890.64	1,857.51	33.13	57.063		
5,800.00	5,564.62	5,774.75	5,574.62	30.42	24.73	44.80	1,219.28	-78.12	1,890.64	1,857.16	33.48	56.475		
5,900.00	5,664.62	5,874.75	5,674.62	30.51	24.83	44.80	1,219.28	-78.12	1,890.64	1,856.82	33.82	55.898		
6,000.00	5,764.62	5,974.75	5,774.62	30.59	24.94	44.80	1,219.28	-78.12	1,890.64	1,856.47	34.17	55.330		
6,100.00	5,864.62	6,074.75	5,874.62	30.68	25.04	44.80	1,219.28	-78.12	1,890.64	1,856.12	34.52	54.772		
6,200.00	5,964.62	6,174.75	5,974.62	30.77	25.15	44.80	1,219.28	-78.12	1,890.64	1,855.77	34.87	54.222		
6,300.00	6,064.62	6,274.75	6,074.62	30.86	25.26	44.80	1,219.28	-78.12	1,890.64	1,855.42	35.22	53.682		
6,400.00	6,164.62	6,374.75	6,174.62	30.96	25.37	44.80	1,219.28	-78.12	1,890.64	1,855.07	35.57	53.151		
6,500.00	6,264.62	6,474.75	6,274.62	31.05	25.48	44.80	1,219.28	-78.12	1,890.64	1,854.72	35.92	52.628		
6,600.00	6,364.62	6,574.75	6,374.62	31.15	25.60	44.80	1,219.28	-78.12	1,890.64	1,854.36	36.28	52.113		
6,700.00	6,464.62	6,674.75	6,474.62	31.24	25.71	44.80	1,219.28	-78.12	1,890.64	1,854.01	36.64	51.607		
6,800.00	6,564.62	6,774.75	6,574.62	31.34	25.83	44.80	1,219.28	-78.12	1,890.64	1,853.65	36.99	51.109		
6,900.00	6,664.62	6,874.75	6,674.62	31.44	25.95	44.80	1,219.28	-78.12	1,890.64	1,853.29	37.35	50.619		
7,000.00	6,764.62	6,974.75	6,774.62	31.54	26.07	44.80	1,219.28	-78.12	1,890.64	1,852.93	37.71	50.136		
7,100.00	6,864.62	7,074.75	6,874.62	31.64	26.19	44.80	1,219.28	-78.12	1,890.64	1,852.57	38.07	49.661		
7,200.00	6,964.62	7,174.75	6,974.62	31.74	26.31	44.80	1,219.28	-78.12	1,890.64	1,852.21	38.43	49.193		
7,300.00	7,064.62	7,274.75	7,074.62	31.85	26.44	44.80	1,219.28	-78.12	1,890.64	1,851.85	38.80	48.733		
7,327.70	7,092.32	7,302.44	7,102.32	31.88	26.47	44.80	1,219.28	-78.12	1,890.64	1,851.75	38.90	48.607		
7,346.38	7,111.00	7,313.13	7,113.00	31.90	26.48	44.80	1,219.28	-78.12	1,890.66	1,851.71	38.95	48.546		



Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well PETERS POINT UF 7-34D-12-16
Project:	CARBON COUNTY, UT (NAD 27)	TVD Reference:	WELL @ 6851.00ft (Original Well Elev)
Reference Site:	SECTION 34 T12S R16E	MD Reference:	WELL @ 6851.00ft (Original Well Elev)
Site Error:	0.00ft	North Reference:	True
Reference Well:	PETERS POINT UF 7-34D-12-16	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00ft	Output errors are at	2.00 sigma
Reference Wellbore:	PT PT UF 7-34D-12-16	Database:	Compass
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 6851.00ft (Original Well Elev)  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 111° 30' 0.0000 W °

Coordinates are relative to: PETERS POINT UF 7-34D-12-16  
 Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Grid Convergence at Surface is: 0.90°





Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 34 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 7-34D-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT UF 7-34D-12-16  
 Reference Design: Design #1

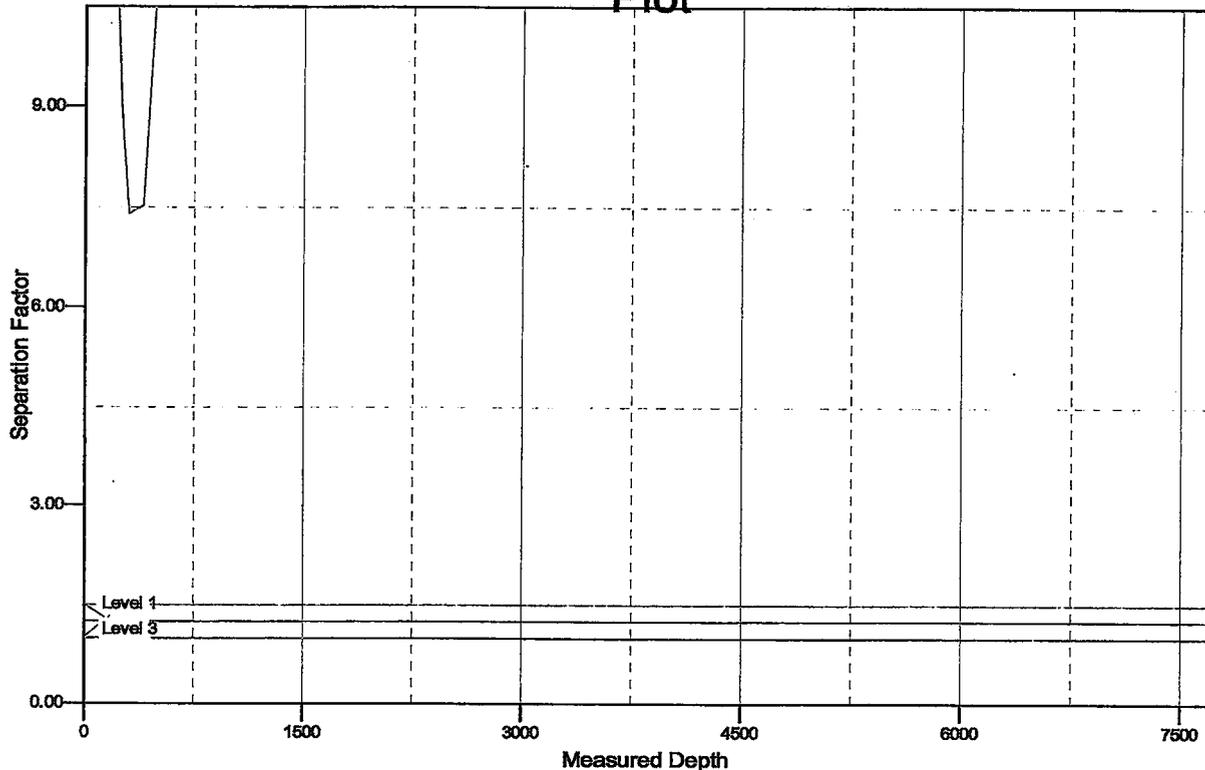
Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:  
 Output errors are at  
 Database:  
 Offset TVD Reference:

Well PETERS POINT UF 7-34D-12-16  
 WELL @ 6851.00ft (Original Well Elev)  
 WELL @ 6851.00ft (Original Well Elev)  
 True  
 Minimum Curvature  
 2.00 sigma  
 Compass  
 Offset Datum

Reference Depths are relative to WELL @ 6851.00ft (Original Well Elev)  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 111° 30' 0.0000 W °

Coordinates are relative to: PETERS POINT UF 7-34D-12-16  
 Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Grid Convergence at Surface is: 0.90°

### Separation Factor Plot



### LEGEND

F 8-34-12-16, PT PT UF 8-34-12-16 PETERS POINT 12-35D-12-16, PT PT UF 12-35D-12-16, Design #1 V0  
 JF 5-35D-12-16, Design #1 V0 PETERS POINT UF 1-34D-12-16, PT PT UF 1-34D-12-16, Design #1 V0

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).

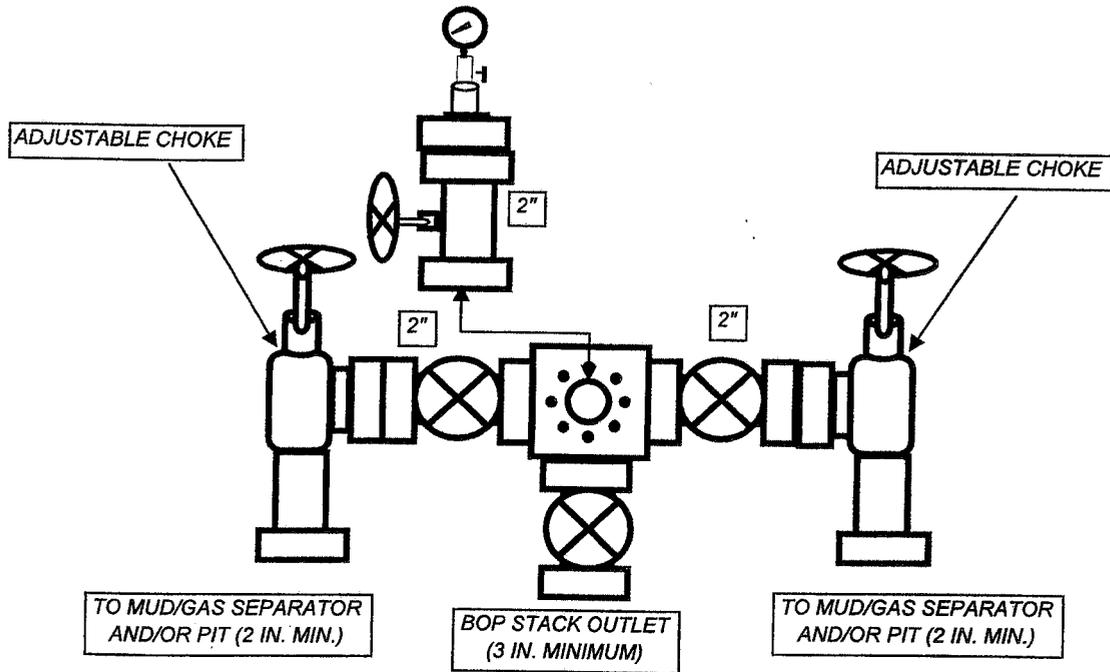
**F. Miscellaneous Information:**

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.

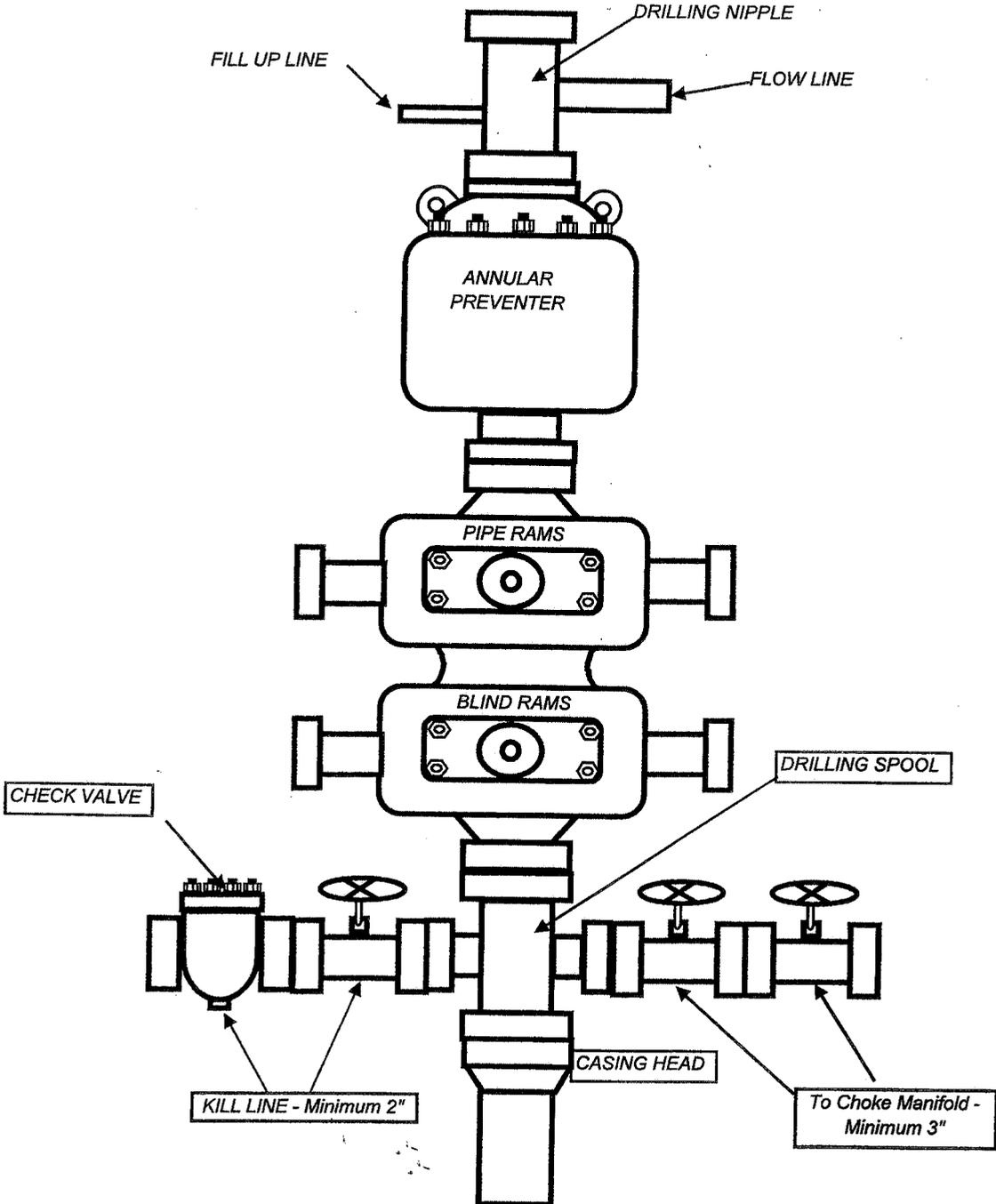
# BILL BARRETT CORPORATION

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



# BILL BARRETT CORPORATION

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



## SURFACE USE PLAN

### **BILL BARRETT CORPORATION** **Peter's Point Unit Federal 8-34-12-16 Pad Wells**

<b><u>Peter's Point Unit Federal #1-34D-12-16</u></b> SENE, 1872' FNL, 550' FEL, Sec. 34, T12S-R16E (surface hole) NENE, 673' FNL, 634' FEL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah	<b><u>Peter's Point Unit Federal #12-35D-12-16</u></b> SENE, 1887' FNL, 557' FEL, Sec. 34, T12S-R16E (surface hole) NWSW, 1982' FSL, 687' FWL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah
<b><u>Peter's Point Unit Federal #7-34D-12-16</u></b> SENE, 1894' FNL, 561' FEL, Sec. 34, T12S-R16E (surface hole) SWNE, 1894' FNL, 1972' FEL, Sec. 34, T12S-R16E (bottom hole) Carbon County, Utah	<b><u>Peter's Point Unit Federal #5-35D-12-16</u></b> SENE, 1879' FNL, 553' FEL, Sec. 34, T12S-R16E (surface hole) SWNW, 1953' FNL, 693' FWL, Sec. 35, T12S-R16E (bottom hole) Carbon County, Utah

**The onsite for this pad occurred on April 11, 2008. This is an existing pad with one vertical well (the 8-34-12-16) and four 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 60 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 2596 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 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 none

vi. producing wells	seven
vii. abandoned wells	two

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

- a. All facilities for this pad would be located adjacent to each other. Each well would have its own meter run and separator and four (4) additional 400-bbl tanks would be installed as necessary.
- b. 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.
- f. A tank battery exists on this lease and would be modified as per the proposed facility layout to include additional equipment. 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.
- 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 2854 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 90-1849 (T75896) which expires September 13, 2008.
- b. Water use for this location will 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 8-34 well will 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 west 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).
  - 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.  
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.
  - n. 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.
  - d. Minimal additional disturbance is necessary to accommodate the additional wells being added. The pad dimensions are 460' x 175' with a reserve pit of 255' 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 reseeded.
- 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. 05-480 dated December 12, 2005.
- b. Intermountain Paleo Consulting, Inc. conducted monitoring activities at the time of construction on the Peter's Point 8-34 pad. IPC Report No. 07-187 dated September 25, 2007. No fossils were found. *IBC 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 will 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.
- 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 30<sup>th</sup> day of June 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

**BILL BARRETT CORPORATION**  
**PETERS POINT UNIT FEDERAL #1-34D-12-16,**  
**#5-35D-12-16, #12-35D-12-16 & #7-34D-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 SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.5 MILES.

# BILL BARRETT CORPORATION

PETERS POINT UNIT FEDERAL #1-34D-12-16, #5-35D-12-16, #12-35D-12-16 & #7-34D-12-16  
LOCATED IN CARBON COUNTY, UTAH  
SECTION 34, T12S, R16E, S.L.B.&M.

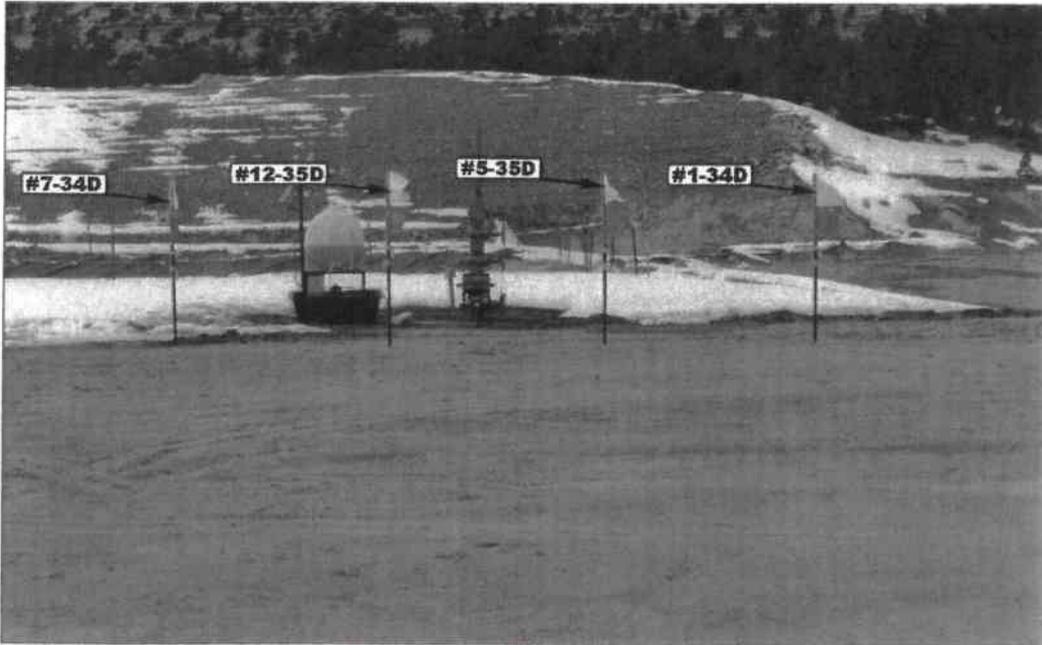


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHEASTERLY



UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

04 04 08  
MONTH DAY YEAR

PHOTO

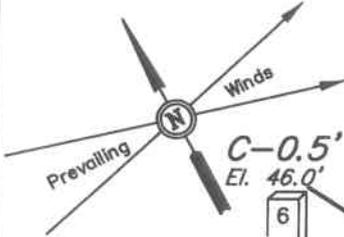
TAKEN BY: D.R. DRAWN BY: C.P. REVISED: 00-00-00

# BILL BARRETT CORPORATION

## LOCATION LAYOUT FOR

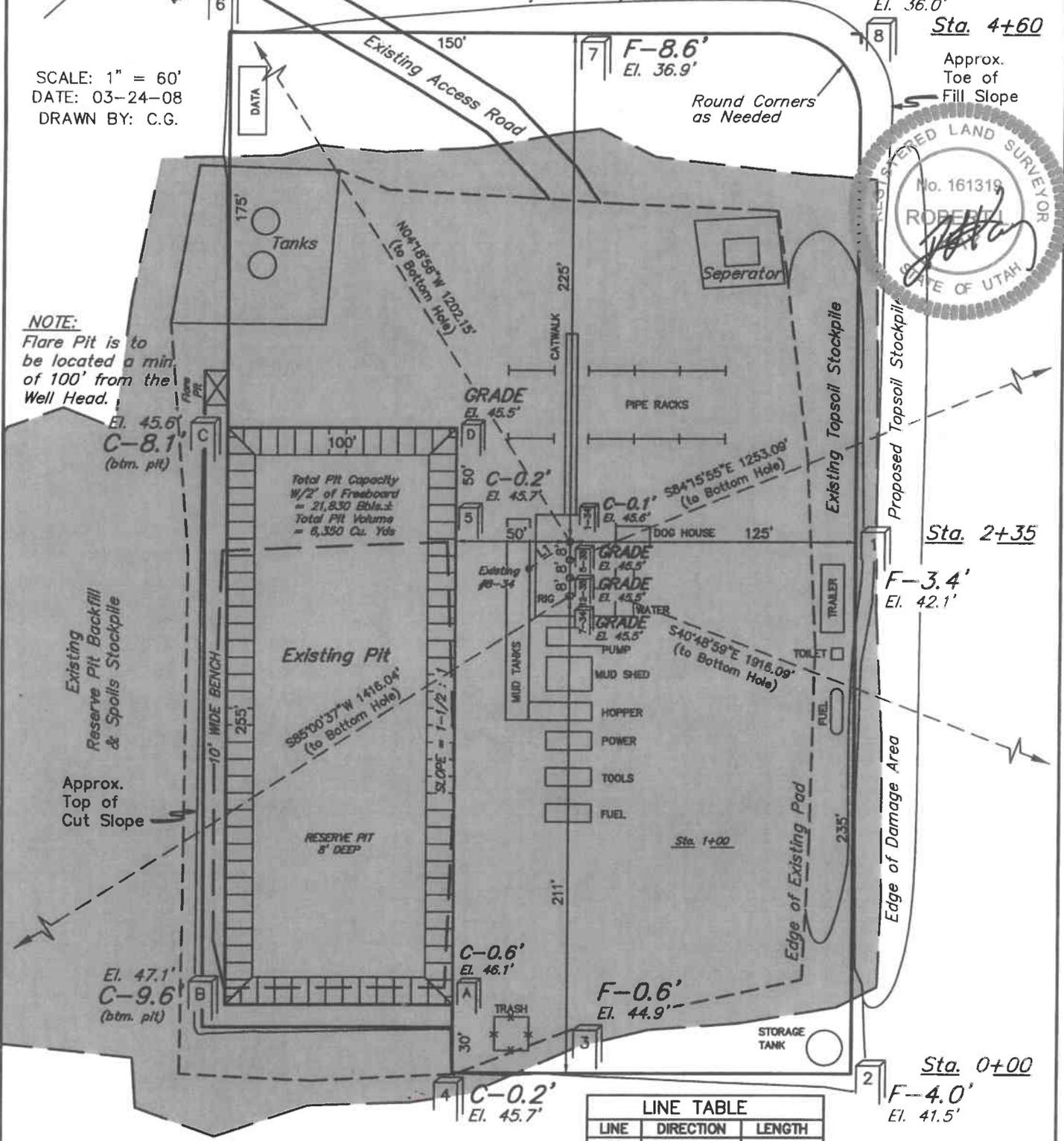
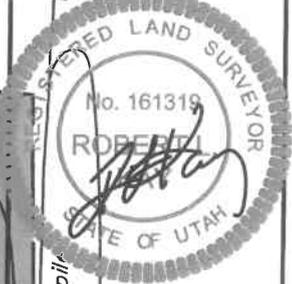
FIGURE #1

PETERS POINT UNIT FEDERAL #1-34D-12-16,  
#5-35D-12-16, #12-35D-12-16 & #7-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.&M.  
SE 1/4 NE 1/4



SCALE: 1" = 60'  
DATE: 03-24-08  
DRAWN BY: C.G.

F-9.5' El. 36.0'  
Sta. 4+60  
Approx. Toe of Fill Slope



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S84°17'03"W	21.66'

Elev. Ungraded Ground At #1-34D Loc. Stake = 6845.6'  
FINISHED GRADE ELEV. AT #1-34D LOC. STAKE = 6845.5'

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

**BILL BARRETT CORPORATION**

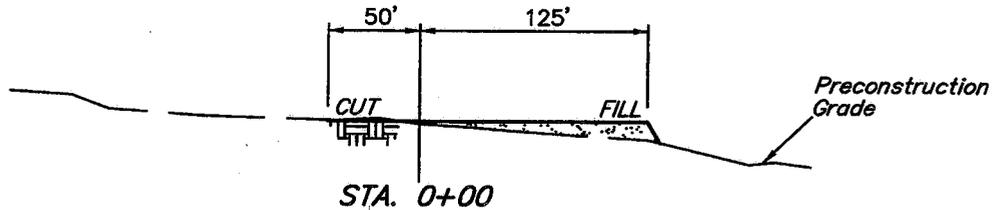
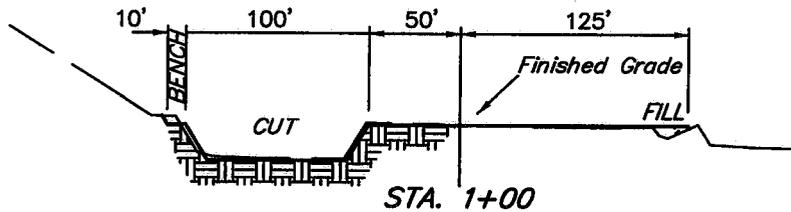
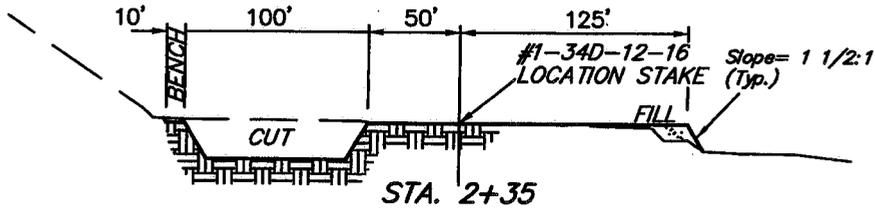
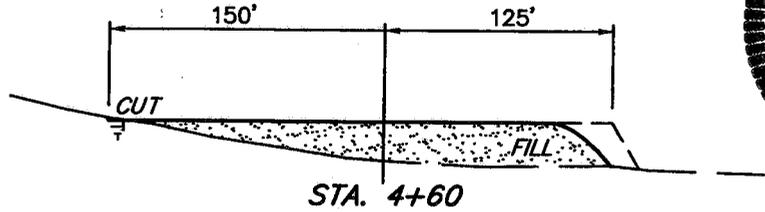
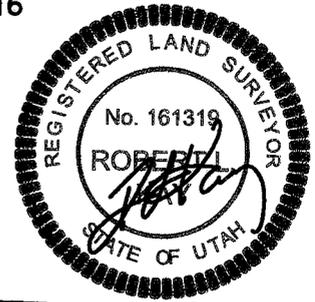
**TYPICAL CROSS SECTIONS FOR**

**PETERS POINT UNIT FEDERAL #1-34D-12-16,  
#5-35D-12-16, #12-35D-12-16 & #7-34D-12-16  
SECTION 34, T12S, R16E, S.L.B.&M.  
SE 1/4 NE 1/4**

**FIGURE #2**

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

DATE: 03-24-08  
DRAWN BY: C.G.



**APPROXIMATE ACREAGES**

EXISTING WELL SITE DISTURBANCE = ± 3.605 ACRES  
PROPOSED WELL SITE DISTURBANCE = ± 0.493 ACRES  
**TOTAL = ± 4.098 ACRES**

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

**APPROXIMATE YARDAGES**

CUT  
(6") Topsoil Stripping = 400 Cu. Yds.  
(New Construction Only)  
Remaining Location = 2,780 Cu. Yds.  
**TOTAL CUT = 3,180 CU. YDS.**  
**FILL = 6,340 CU. YDS.**

DEFICIT MATERIAL = <3,160> Cu. Yds.  
Topsoil & Pit Backfill = 3,570 Cu. Yds.  
(1/2 Pit Vol.)  
DEFICIT UNBALANCE = <6,730> Cu. Yds.  
(After Interim Rehabilitation)

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 788-1017



**LEGEND:**

⊙ PROPOSED LOCATION

**BILL BARRETT CORPORATION**

PETERS POINT UNIT FEDERAL #1-34D-12-16,  
 #5-35D-12-16, #12-35D-12-16 & #7-34D-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

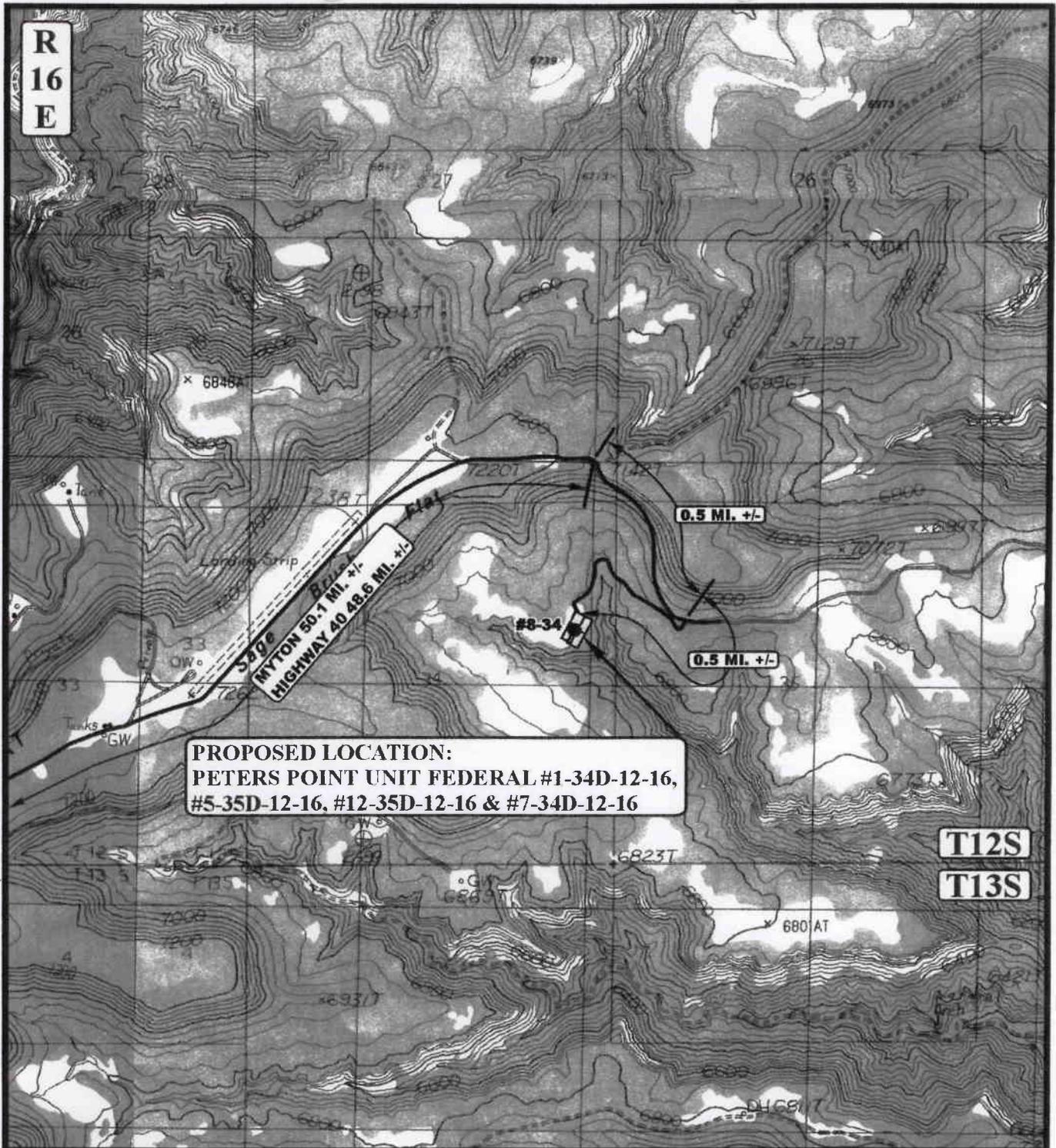


TOPOGRAPHIC 04 04 08  
 MAP MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00



R  
16  
E



**PROPOSED LOCATION:**  
**PETERS POINT UNIT FEDERAL #1-34D-12-16,**  
**#5-35D-12-16, #12-35D-12-16 & #7-34D-12-16**

T12S

T13S

**LEGEND:**

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

**BILL BARRETT CORPORATION**

PETERS POINT UNIT FEDERAL #1-34D-12-16,  
 #5-35D-12-16, #12-35D-12-16 & #7-34D-12-16  
 SECTION 34, T12S, R16E, S.L.B.&M.  
 SE 1/4 NE 1/4



Utah Engineering & Land Surveying  
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TOPOGRAPHIC  
 MAP

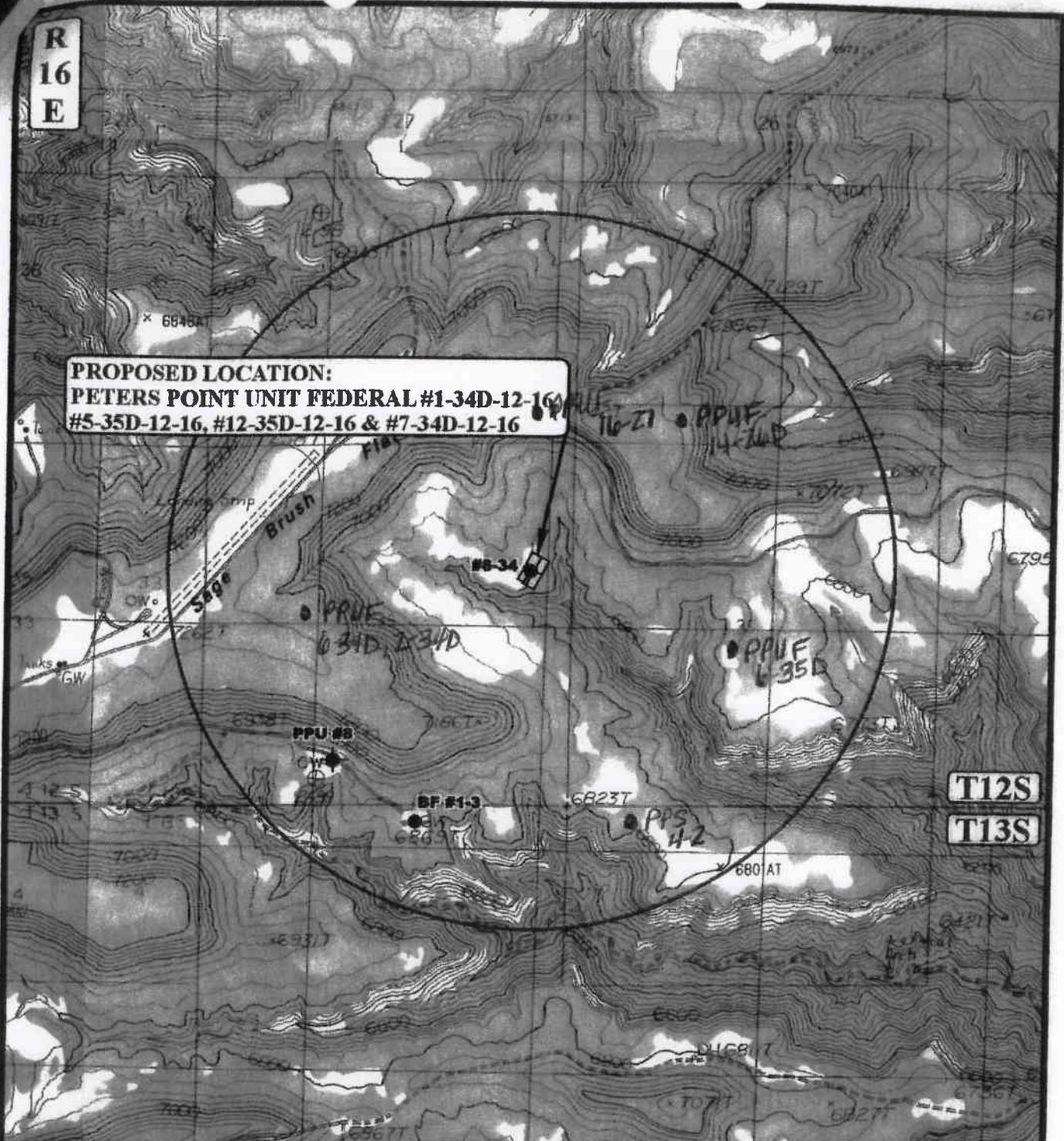
04 04 08  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

**B**  
 TOPO

R  
16  
E

**PROPOSED LOCATION:**  
**PETERS POINT UNIT FEDERAL #1-34D-12-16**  
**#5-35D-12-16, #12-35D-12-16 & #7-34D-12-16**



T12S  
T13S

**LEGEND:**

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

**BILL BARRETT CORPORATION**

PETERS POINT UNIT FEDERAL #1-34D-12-16,  
#5-35D-12-16, #12-35D-12-16 & #7-34D-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 04 04 08  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/02/2008

API NO. ASSIGNED: 43-007-31428

WELL NAME: PPU FED 7-34D-12-16  
 OPERATOR: BILL BARRETT CORP ( N2165 )  
 CONTACT: TRACEY FALLANG

PHONE NUMBER: 303-312-8134

PROPOSED LOCATION:  
 SENE 34 120S 160E  
 SURFACE: 1894 FNL 0561 FEL  
 BOTTOM: 1894 FNL **1972** FEL  
 COUNTY: CARBON  
 LATITUDE: 39.73236 LONGITUDE: -110.1022  
 UTM SURF EASTINGS: 576941 NORTHINGS: 4398228  
 FIELD NAME: PETER'S POINT ( 40 )

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

SUP  
NE

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-08107  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: PRRV  
 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)

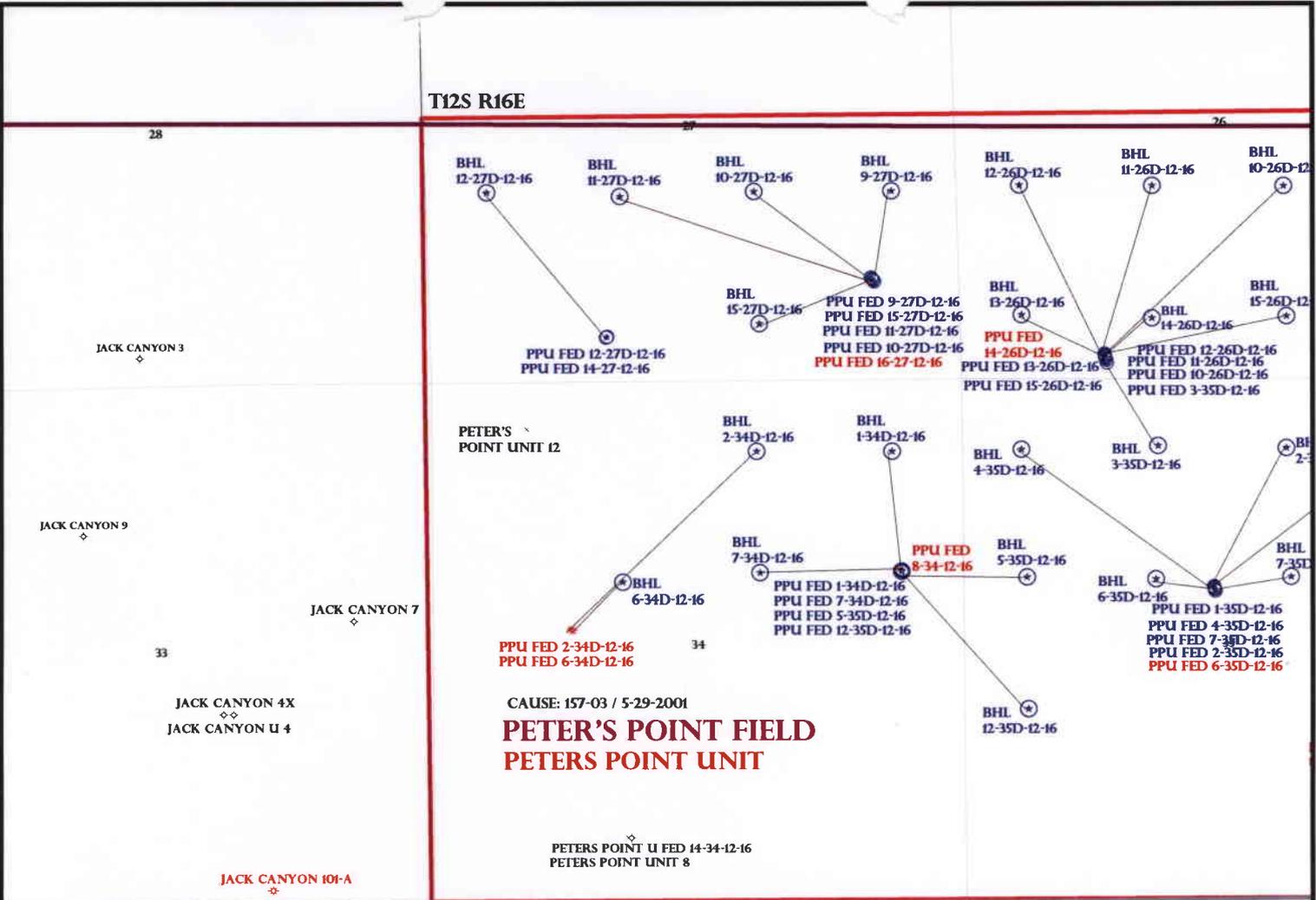
LOCATION AND SITING:

\_\_\_\_\_ 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: Suspends General Siting  
 R649-3-11. Directional Drill

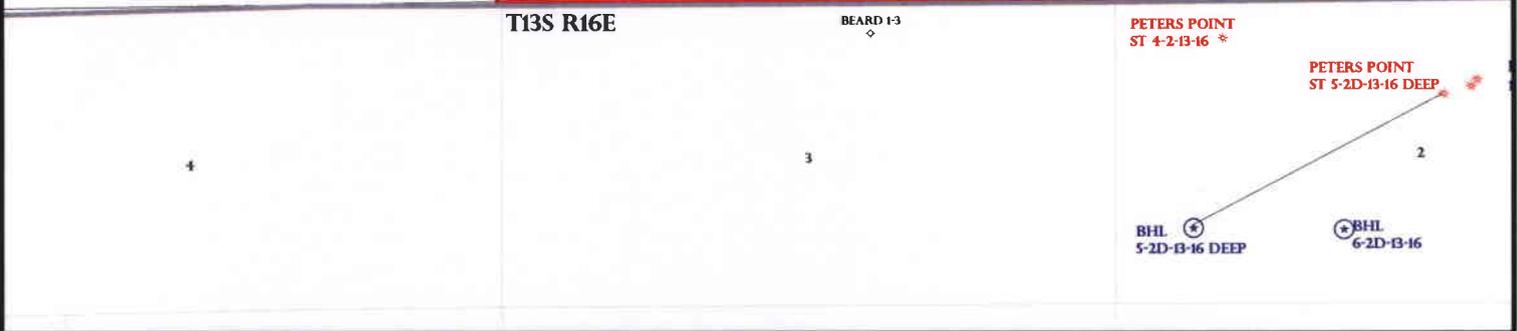
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: 1-Federal Approval  
 \_\_\_\_\_  
 \_\_\_\_\_

T12S R16E



T13S R16E



OPERATOR: BILL BARRETT CORP (N2165)

SEC: 34 T.12S R. 16E

FIELD: PETERS POINT (40)

COUNTY: CARBON

CAUSE: 157-03 / 5-29-2001

**Wells Status**

- ⊗ GAS INJECTION
- ⊗ GAS STORAGE
- ⊗ LOCATION ABANDONED
- ⊗ NEW LOCATION
- ⊗ PLUGGED & ABANDONED
- ⊗ PRODUCING GAS
- ⊗ PRODUCING OIL
- ⊗ SHUT-IN GAS
- ⊗ SHUT-IN OIL
- ⊗ TEMP. ABANDONED
- ⊗ TEST WELL
- ⊗ WATER INJECTION
- ⊗ WATER SUPPLY
- ⊗ WATER DISPOSAL
- ⊗ DRILLING

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 15-JULY-2008

# 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)

July 15, 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 Price River)		
43-007-31429	PPU Fed 5-35D-12-16 Sec 34	T12S R16E 1879 FNL 0553 FEL BHL Sec 35 T12S R16E 1953 FNL 0693 FWL
43-007-31428	PPU Fed 7-34D-12-16 Sec 34	T12S R16E 1894 FNL 0561 FEL BHL Sec 34 T12S R16E 1894 FNL 1972 FEL
43-007-31427	PPU Fed 1-34D-12-16 Sec 34	T12S R16E 1872 FNL 0550 FEL BHL Sec 34 T12S R16E 0673 FNL 0634 FEL
43-007-31430	PPU Fed 12-35D-12-16 Sec 34	T12S R16E 1887 FNL 0557 FEL BHL Sec 35 T12S R16E 1982 FSL 0687 FWL

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:7-15-08



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

July 16, 2008

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

Re: Peter's Point Unit Federal 7-34D-12-16 Well, Surface Location 1894' FNL, 561' FEL, SE NE, Sec. 34, T. 12 South, R. 16 East, Bottom Location 1894' FNL, 1972' FEL, SW NE, 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 43-007-31428.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

**Operator:** Bill Barrett Corporation  
**Well Name & Number** Peter's Point Unit Federal 7-34D-12-16  
**API Number:** 43-007-31428  
**Lease:** UTU-08107

**Surface Location:** SE NE      **Sec.** 34      **T.** 12 South      **R.** 16 East  
**Bottom Location:** SW NE      **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.

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

COPY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

2. Name of Operator  
Bill Barrett Corporation

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

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

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

8. Well Name and No. **PPU Fed 7-340-12-16**  
All wells within the Peter's Point Unit

9. API Well No. **43 067-31428**

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</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>flow conditioners</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

This sundry is being submitted 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 Docum

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

**COPY**

**CONFIDENTIAL**

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**

5. Lease Serial No. UTU-08107	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Peters Point / UTU-63014	
8. Lease Name and Well No. Peter's Point Unit Federal 7-34D-12-16	
9. API Well No. <del>per</del> 43 007 31428	
10. Field and Pool, or Exploratory Peter's Point/Wasatch-Mesaverde	
11. Sec., T. R. M. or Blk. and Survey or Area Sec. 34, T12S-R16E	
12. County or Parish Carbon County	13. State UT
14. Distance in miles and direction from nearest town or post office* approximately 60 miles from Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 561' SH / 767' 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. 16' SH / 1326' BH	19. Proposed Depth 7500' MD
20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6846' ungraded ground	22. Approximate date work will start* 11/01/2008
	23. Estimated duration 45 days

**24. Attachments**

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

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

25. Signature <i>Tracey Fallang</i>	Name (Printed/Typed) Tracey Fallang	Date 11/30/08
Title Environmental/Regulatory Analyst		

Approved by (Signature) <i>Steve Rigby</i>	Name (Printed/Typed) Steve Rigby	Date NOV 26 2008
Title <b>ACTING FIELD MANAGER</b>		

**PRICE FIELD OFFICE**

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

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

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

(Continued on page 2)

\*(Instructions on page 2)

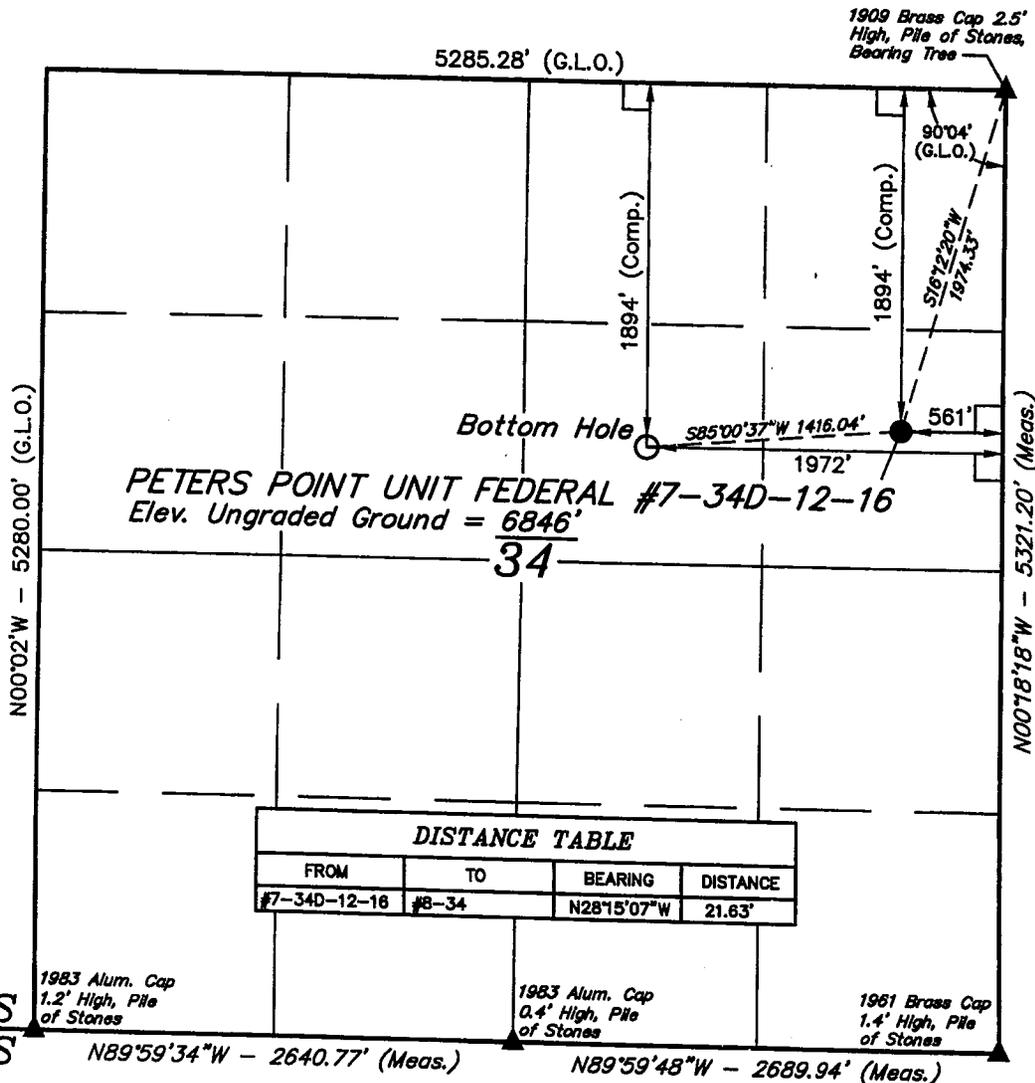
**NOTICE OF APPROVAL**  
DEC 01 2008

**JDOGM**

DIV. OF OIL, GAS & MINING

2008 JUN -2 AM 11:2  
PRICE FIELD OFFICE  
RECEIVED

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



PETERS POINT UNIT FEDERAL #7-34D-12-16  
Elev. Ungraded Ground = 6846'

34

DISTANCE TABLE			
FROM	TO	BEARING	DISTANCE
#7-34D-12-16	#8-34	N28°15'07"W	21.63'

T12S

T13S

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°43'55.72" (39.732144)	LATITUDE = 39°43'58.93" (39.732481)
LONGITUDE = 110°08'28.62" (110.107950)	LONGITUDE = 110°08'10.57" (110.102938)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°43'55.85" (39.732181)	LATITUDE = 39°43'57.06" (39.732517)
LONGITUDE = 110°08'28.07" (110.107242)	LONGITUDE = 110°08'08.02" (110.102228)
STATE PLANE NAD 27 (UTAH CENTRAL)	STATE PLANE NAD 27 (UTAH CENTRAL)
N: 512545.62 E: 2391674.80	N: 512689.81 E: 2393082.82

BILL BARRETT CORPORATION

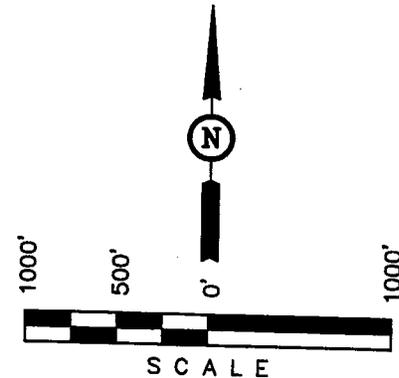
Well location, PETERS POINT UNIT FEDERAL #7-34D-12-16, located as shown in the SE 1/4 NE 1/4 of Section 34, T12S, R16E, S.L.B.&M. Carbon County, Utah.

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.

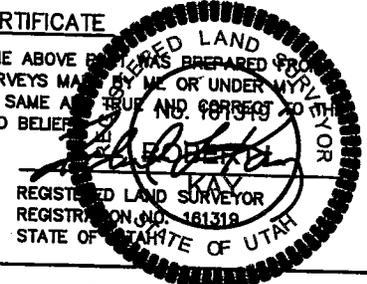
BASIS OF BEARINGS

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



CERTIFICATE

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



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

SCALE 1" = 1000'	DATE SURVEYED: 03-06-08	DATE DRAWN: 03-24-08
PARTY D.R. A.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



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

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



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

<b>Company:</b>	<b>Bill Barrett Corporation</b>	<b>Location:</b>	<b>SENE-Sec 34-T12S-R16E</b>
<b>Well No:</b>	<b>Peters Point Unit Federal 7-34D-12-16</b>	<b>Lease No:</b>	<b>UTU-08107</b>
<b>API No:</b>	<b>43-007-31428</b>	<b>Agreement:</b>	<b>Peters Point (UTU-63014)</b>

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

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

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

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

**NOTIFICATION REQUIREMENTS**

Location Construction (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 Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Tech.)	- 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.

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

### **SITE SPECIFIC COAs:**

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

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

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

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

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

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

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

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

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

## Construction

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

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

### **Operations/Maintenance**

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

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

### **Dry Hole/Reclamation**

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

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

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

### Producing Well

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

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

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

**Forbes Lbs**

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

**Grasses Lbs**

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

**Total 11.5 lbs/acre**

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

**Seed Mix B**

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

**Forbes Lbs**

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

**Grasses Lbs**

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

**Woody Plants Lbs**

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

**Total 16.0 lbs/acre**

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

### TMC 1: Browse Hand Planting Tubeling Mixtures

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

#### Planting Methods:

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

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

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

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

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

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

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

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

**SITE SPECIFIC DOWNHOLE COAs:**

- The production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Price Field Office for review.
- All casing strings below the conductor shall be pressure tested to 0.22 psi/foot or 1500 psi, whichever is greater but not to exceed 70% of the internal yield.

Variations granted, if needed:

- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 37' from the well bore.
- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for two truck/trailer mounted air compressors.
- Automatic igniter. Variance granted for igniter due to water mist.

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

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Price Field Office within 24 hours of spudding.
- Notify Price Field Office Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- If air drilling operations are utilized, the requirements of Onshore Oil & Gas Order No. 2, Part III.E *Special Drilling Operations*, shall be implemented.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 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 shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Price Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Price Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Price BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Price Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- The use of a flow conditioner in lieu of straightening vanes in the gas meter run cannot be approved with the information provided. This proposal is not consistent with the provisions of Onshore Oil & Gas Order No. 5, and as such, can only be considered for approval as a "variance" from Order No. 5. A written request for variance would identify the Order No. 5 requirement(s) from which the variance is being requested, and it would include supporting justification as to how the alternate method of measurement would meet or exceed the minimum standards established in Order No. 5. A variance request for the use of a flow conditioner would also include the make, model, dimensions, and description of use for the specific flow conditioner being proposed.
- **Please submit a copy of all other logs run on this well to the BLM Price Field Office.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Price Field Office.

## OPERATING REQUIREMENT REMINDERS:

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

Price Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

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

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

**APPENDIX B:**  
**APPLICANT-COMMITTED ENVIRONMENTAL PROTECTION MEASURES**

**1.0 INTRODUCTION**

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

**2.0 STANDARD PRACTICES**

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

**2.1 PRECONSTRUCTION PLANNING AND DESIGN MEASURES**

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

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

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

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

**2.2 ROADS**

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

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

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

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

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

5. Available topsoil will be stripped from all road corridors prior to commencement of construction activities and will be redistributed and reseeded on backslope areas of the borrow ditch after completion of road construction activities. Borrow ditches will be reseeded in the first appropriate season after initial disturbance.
6. On newly constructed roads and permanent roads, the placement of topsoil, seeding, and stabilization will be required on all cut and fill slopes unless conditions prohibit this (e.g., rock). No unnecessary side-casting of material (e.g., maintenance) on steep slopes will be allowed.
7. Reclamation of abandoned roads will include requirements for reshaping, recontouring, resurfacing with topsoil, installation of water bars, and seeding on the contour. Road beds, wellpads, and other compacted areas will be ripped to a depth of 1.0 foot on 1.5 feet centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation will be spread over the disturbance for nutrient recycling, where practical. Fertilization or fencing of these disturbances will not normally be required. Additional erosion control measures (e.g., fiber matting) and road barriers to discourage travel may be required. Graveled roads, wellpads, and other sites will be stripped of usable gravel and hauled to new construction sites prior to ripping as deemed necessary by the AO. The removal of structures such as bridges, culverts, cattleguards, and signs will usually be required.
8. Main artery roads, regardless of the primary user, will be crowned, ditched, drained, and, if deemed appropriate by the AO, surfaced with gravel.
9. Unnecessary topographic alterations will be mitigated by avoiding, where possible, steep slopes, rugged topography, and perennial and ephemeral/intermittent drainages, and by minimizing the area disturbed.
10. Upon completion of construction and/or production activities, the Companies will restore, to the extent practicable, the topography to near pre-existing contours at well sites, access roads, pipelines, and other facility sites.
11. Existing roads will be used to the maximum extent possible and upgraded as necessary.
12. BBC will comply with existing federal, state, and county requirements and restrictions to protect road networks and the traveling public.
13. Special arrangements will be made with the Utah Department of Transportation to transport oversize loads to the project area. Otherwise, load limits will be observed at all times to prevent damage to existing road surfaces.
14. All development activities along approved ROWs will be restricted to areas authorized in the approved ROW.
15. Roads and pipelines will be located adjacent to existing linear facilities wherever practical.
16. BBC and/or their contractors will post appropriate warning signs and require project vehicles to adhere to appropriate speed limits on project-required roads, as deemed necessary by the AO.

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

### **2.3 WELLPADS AND FACILITIES**

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

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

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

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

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

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

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

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

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

### **2.4 PIPELINES**

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

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

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

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

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

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

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

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

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

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

## **2.5 AIR QUALITY**

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

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

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

## 2.6 VEGETATION

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

## 2.7 SOILS

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

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

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

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

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

## 2.8 RECLAMATION

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

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

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

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

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

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

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

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

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

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

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

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

## **2.10 WATERSHEDS**

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

## **2.11 GEOLOGICAL/PALEONTOLOGICAL RESOURCES**

1. Wells, pipelines, and ancillary facilities will be designed and constructed such that they will not be damaged by moderate earthquakes. Any facilities defined as critical according to the Uniform Building Code will be constructed in accordance with applicable Uniform Building Code Standards for Seismic Risk Zone 2B.

2. If paleontological resources are uncovered during surface-disturbing activities, BBC will suspend operations at the site that will further disturb such materials and immediately contact the AO, who will arrange for a determination of significance, and, if necessary, recommend a recovery or avoidance plan.

## **2.12 CULTURAL/HISTORICAL RESOURCES**

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

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

### 2.13 WATER RESOURCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### **2.14 NOISE**

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

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

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

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

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

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

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

## **2.16 LIVESTOCK/GRAZING MANAGEMENT**

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

## **2.17 RECREATION**

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

## **2.18 VISUAL RESOURCES**

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

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

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

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

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

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

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

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

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

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

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

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

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

FORM 6

ENTITY ACTION FORM

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

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731428	Peter's Point Unit Federal 7-34D-12-16		SENE	34	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>XB</i>	<i>99999</i>	<i>2470</i>	12/2/2008		<i>12/4/08</i>		
Comments: Spud by Triple AAA drilling @ 8:00 am, setting conductor pipe only. This well will not begin continuous drilling operations until March 2009. <i>WS MUD BHL = SWNE</i>							

*PRRV = MVRD =*

**CONFIDENTIAL**

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731320	Peter's Point Unit Federal 9-34D-12-16		SENE	34	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>A</i>	<i>99999</i>	<i>17235</i>	12/2/2008		<i>12/4/08</i>		
Comments: Spud by Triple AAA drilling @ 8:00 am, setting conductor pipe only. This well will not begin continuous drilling operations until March 2009. <i>WS MUD BHL = See 35 NWSW</i>							

*PRRV = MVRD =*

**CONFIDENTIAL**

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731329	Peter's Point Unit Federal 5-35D-12-16		SENE	34	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>XB</i>	<i>99999</i>	<i>2470</i>	12/2/2008		<i>12/4/08</i>		
Comments: Spud by Triple AAA drilling @ 8:00 am, setting conductor pipe only. This well will not begin continuous drilling operations until March 2009. <i>WS MUD BHL = See 35 SWNW</i>							

*PRRV = MVRD =*

**CONFIDENTIAL**

ACTION CODES:

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

Tracey Fallang

Name (Please Print)

*Tracey Fallang*

Signature

Regulatory Analyst

12/2/2008

Title

Date

(5/2000)

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DEC 03 2008

DIV. OF OIL, GAS & MINING

## 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

tfallang  
**CONFIDENTIAL**

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**COPY**

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-08107
2. Name of Operator Bill Barrett Corporation		6. If Indian, Allottee or Tribe Name N/A
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	7. If Unit of CA/Agreement, Name and/or No. Peter's Point/UTU-63014
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SENE, 1894' FNL, 561' FEL Sec. 34, T12S-R16E, SLB&M		8. Well Name and No. Peter's Point Unit Federal 7-34D-12-16
		9. API Well No. 43-007-31428
		10. Field and Pool or Exploratory Area Peter's Point/Wasatch-Mesaverde
		11. Country or Parish, State Carbon County, UT

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 sundy is being submitted as notification that this well was spud on 12/2/08.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang		Title Regulatory Analyst
Signature <i>Tracey Fallang</i>		Date 12/02/2008

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

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

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

(Instructions on page 2)

**RECEIVED**

**DEC 03 2008**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

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

5. Lease Serial No.  
U-08107  
6. Indian, Allottee or Tribe Name  
N/A

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

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator  
Bill Barrett Corporation

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SENE, 1894' FNL, 561' FEL  
Sec. 34, T12S-R16E, SLB&M

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

8. Well Name and No.  
Peter's Point Unit Federal 7-34D-12-16

9. API Well No.  
43-007-31428

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

11. Country or Parish, State  
Carbon County, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change in Bottom</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Hole _____
	<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 recompleat 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 recompleat 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 sundy is being submitted to request a change in bottom hole as noted below:

Previous bottom hole: 1894' FNL, 1972' FEL  
New bottom hole: 2011' FNL, 1972' FEL

No other changes are proposed at this time. The directional plans submitted with the APD are correct as the lat/longs were correct on the plat, the bottom hole footages had a typo noting 1894' instead of 2011'.

COPY SENT TO OPERATOR

Date: 12-16-2008

Initials: KS

576512X

4398189Y

39.732044

-110.107167

**Federal Approval of this  
Action is Necessary**

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

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 12/04/2008

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

Approved by

Title **BRADLEY G. HILL**  
Office **ENVIRONMENTAL MANAGER**

Date 12-11-08

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.

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)

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DIV. OF OIL, GAS & MINING

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

**BILL BARRETT CORPORATION**

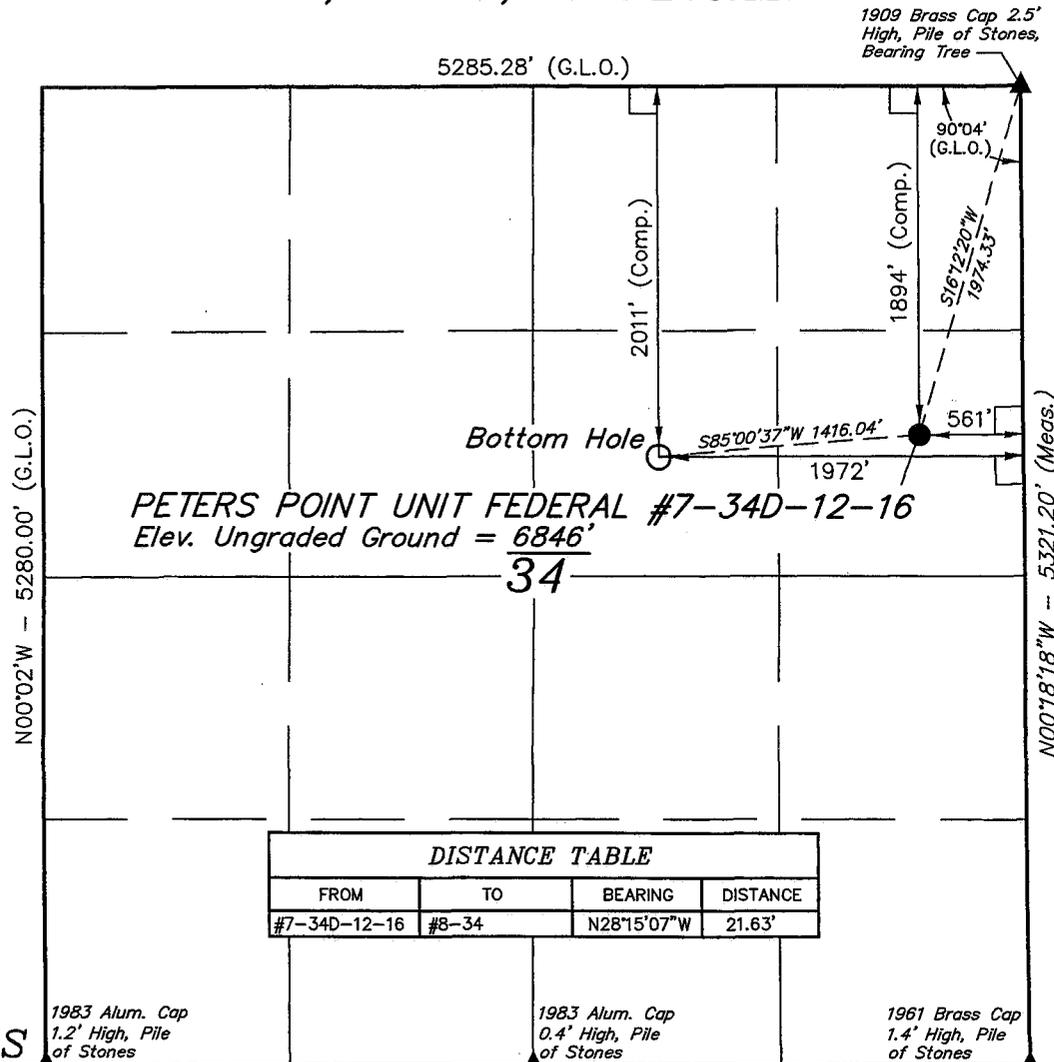
Well location, PETERS POINT UNIT FEDERAL #7-34D-12-16, located as shown in the SE 1/4 NE 1/4 of Section 34, T12S, R16E, S.L.B.&M. Carbon County, Utah.

**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**

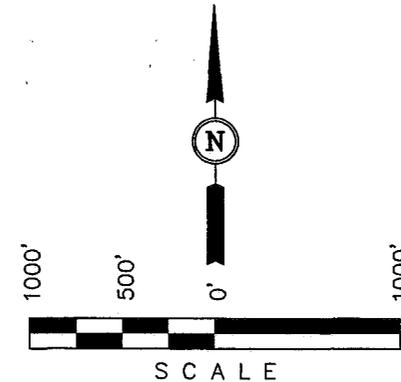
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



PETERS POINT UNIT FEDERAL #7-34D-12-16  
Elev. Ungraded Ground = 6846'  
**34**

**DISTANCE TABLE**

FROM	TO	BEARING	DISTANCE
#7-34D-12-16	#8-34	N28°15'07\"W	21.63'



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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.

*Richard A. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 12-03-08 C.C.

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

T12S  
T13S

1983 Alum. Cap  
1.2' High, Pile  
of Stones

1983 Alum. Cap  
0.4' High, Pile  
of Stones

1961 Brass Cap  
1.4' High, Pile  
of Stones

NB9°59'34\"W - 2640.77' (Meas.)

NB9°59'48\"W - 2689.94' (Meas.)

**LEGEND:**

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°43'55.72" (39.732144)	LATITUDE = 39°43'56.93" (39.732481)
LONGITUDE = 110°06'28.62" (110.107950)	LONGITUDE = 110°06'10.57" (110.102938)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°43'55.85" (39.732181)	LATITUDE = 39°43'57.06" (39.732517)
LONGITUDE = 110°06'26.07" (110.107242)	LONGITUDE = 110°06'08.02" (110.102228)
STATE PLANE NAD 27 (UTAH CENTRAL)	STATE PLANE NAD 27 (UTAH CENTRAL)
N: 512545.62 E: 2391674.90	N: 512689.81 E: 2393082.62

SCALE 1" = 1000'	DATE SURVEYED: 03-06-08	DATE DRAWN: 03-24-08
PARTY D.R. A.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



December 4, 2008

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

RE: Directional Drilling R649-3-11  
Peters Point Unit Federal 7-34D-12-16  
SHL: 1894' FNL & 561' FEL SENE 34-T12S-R16E  
BHL: 2011' FNL & 1972' FEL SWNE 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;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

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

Sincerely,

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

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

**RECEIVED**

**DEC 08 2008**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

5. Lease Serial No.  
UTU-08107

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

**COPY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator  
Bill Barrett Corporation

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SENE, 1894' FNL, 561' FEL  
Sec. 34, T12S-R16E, SLB&M

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

8. Well Name and No.  
Peter's Point Unit Federal 7-34D-12-16

9. API Well No.  
43-007-31428

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

11. Country or Parish, State  
Carbon County, UT

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

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

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

Weekly drilling activity report from 2/11/09 through 2/18/09 (report #'s 1-2).

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

Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 02/18/2009

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

Approved by

Title

Date

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

Office

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**RECEIVED**

(Instructions on page 2)

**FEB 23 2009**

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

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/18/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 2

Depth At 06:00 :

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 74

Morning Operations : TESTING B.O.P.'S

Remarks :

Time To	Description
10:00 PM	SET IN BACKYARD / PIN & RAISE DERRICK / FINISH RIG UP.
12:00 AM	N/U B.O.P.'S
6:00 AM	TEST B.O.P.'S

DSLTA: 211  
SAFTEY MEETING: RIG MOVE  
WATER DELIVERY: 800 BBLS  
TOTAL WATER: 800 BBLS  
FUEL: 3851 GALLONS  
TOTAL FUEL USED: 500 GALLONS  
ACC:  
ANN:  
MAN:  
KOOMEY OIL:  
B.O.P. DRILL:

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/17/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 1

Depth At 06:00 :

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 73

Morning Operations : MOVE RIG / RIG UP

Remarks :

Time To	Description
6:00 AM	RIG DOWN & MOVE RIG

DSLTA: 210  
SAFTEY MEETING: RIG MOVE  
WATER DELIVERY: 800 BBLS  
TOTAL WATER: 800 BBLS  
FUEL:  
TOTAL FUEL USED:  
ACC:  
ANN:  
MAN:  
KOOMEY OIL:  
B.O.P. DRILL:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

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

5. Lease Serial No.  
UTU-08107

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

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

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
Bill Barrett Corporation

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SENE, 1894' FNL, 561' FEL  
Sec. 34, T12S-R16E, SLB&M

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

8. Well Name and No.  
Peter's Point Unit Federal 7-34D-12-16

9. API Well No.  
43-007-31428

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

11. Country or Parish, State  
Carbon County, UT

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

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

Weekly drilling activity report from 2/19/09 through 2/25/09 (report #'s 3-8).

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

Title Regulatory Analyst

Signature *Tracey Fallang* Date 02/25/2009

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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(Instructions on page 2)

**RECEIVED**

**MAR 03 2009**

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

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/20/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 4

Depth At 06:00 : 3172.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 76

Morning Operations : DRILLING AHEAD.

Remarks :

DSLTA: 213  
 SAFTEY MEETING: MAKING CONNECTIONS  
 WATER DELIVERY: 4020 BBLS  
 TOTAL WATER: 7340 BBLS  
 FUEL: 8298 GALLONS  
 TOTAL FUEL USED: 2829 GALLONS  
 ACC: 2800 PSI  
 ANN: 1000 PSI  
 MAN: 1700 PSI  
 KOOMEY OIL : 13"  
 B.O.P. DRILL: 56 SECONDS

Time To	Description
4:00 PM	DRILL F/ 1698'-2404'
4:30 PM	RIG SERVICE / FUNCTION TEST ANNULAR
6:00 AM	DRILL F/ 2404'-3172'

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/19/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 3

Depth At 06:00 : 1698.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 75

Morning Operations : DRILLING AHEAD

Remarks :

DSLTA: 212  
 SAFTEY MEETING: RIG UP  
 WATER DELIVERY: 2520 BBLS  
 TOTAL WATER: 3320 BBLS  
 FUEL: 3127 GALLONS  
 TOTAL FUEL USED: 865 GALLONS  
 ACC: 2800 PSI  
 ANN: 1000 PSI  
 MAN: 1700 PSI  
 KOOMEY OIL : 13"  
 B.O.P. DRILL: 56 SECONDS

Time To	Description
11:00 AM	FABRICATE VIBRATING LINE FOR MUD PUMP
2:00 PM	FINISH RIG UP
4:00 PM	P/U & ORIENT TOOLS
5:30 PM	P/U HWDP / TRIP IN HOLE
6:00 PM	RIG SERVICE / TIGHTEN SWIVEL PACKING
7:00 PM	XO SWIVEL PACKING
9:00 PM	DRILL CEMENT, FLOAT COLLAR & SHOE. TAGGED CEMENT @ 951'.
6:00 AM	DRILL F/ 1050'-1698'

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/22/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 6

Depth At 06:00 : 4933.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 78

Morning Operations : DRILLING AHEAD.

Remarks :

Time To	Description
4:00 PM	DRILL F/ 4069'-4517'
4:30 PM	RIG SERVICE / B.O.P. DRILL - 1 MIN 5 SEC.
6:00 AM	DRILL F/ 4517'-4933'

DSLTA: 215  
 SAFTEY MEETING: SPINNING CHAINS  
 WATER DELIVERY: 320 BBLS  
 TOTAL WATER: 7660 BBLS  
 FUEL: 5411 GALLONS  
 TOTAL FUEL USED: 1228 GALLONS  
 ACC: 2800 PSI  
 ANN: 1000 PSI  
 MAN: 1700 PSI  
 KOOMEY OIL : 13"  
 B.O.P. DRILL: 1 MIN 5 SEC

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/21/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 5

Depth At 06:00 : 4069.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 77

Morning Operations : DRILLING AHEAD.

Remarks :

Time To	Description
10:30 AM	DRILL F/ 3172'-3492'
11:00 AM	CIRC BTMS UP / MIX & PUMP PILL
4:00 PM	WIPER TRIP INTO SHOE / HOLE TIGHT @ 1250'
5:30 PM	T.I.H.
6:00 PM	KELLY UP & REAM 60' TO BOTTOM.
6:00 AM	DRILL F/ 3492'-4069'

DSLTA: 214  
 SAFTEY MEETING: TIGHT HOLE  
 WATER DELIVERY: 0 BBLS  
 TOTAL WATER: 7340 BBLS  
 FUEL: 6639 GALLONS  
 TOTAL FUEL USED: 1659 GALLONS  
 ACC: 2800 PSI  
 ANN: 1000 PSI  
 MAN: 1700 PSI  
 KOOMEY OIL : 13"  
 B.O.P. DRILL: 56 SECONDS

# REGULATORY DRILLING SUMMARY



Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/24/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 8

Depth At 06:00 : 6182.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 80

Morning Operations : DRILLING AHEAD.

Remarks :

Time To	Description
4:30 PM	DRILL F/ 5286'-5776'
5:00 PM	RIG SERVICE
6:00 AM	DRILL F/ 5776'-6182'

DSLTA: 217  
 SAFTEY MEETING: CATWALK  
 WATER DELIVERY: 950 BBLS  
 TOTAL WATER: 8160 BBLS  
 FUEL: 2677 GALLONS  
 TOTAL FUEL USED: 1499 GALLONS  
 ACC: 2800 PSI  
 ANN: 1000 PSI  
 MAN: 1700 PSI  
 KOOMEY OIL : 13"  
 B.O.P. DRILL: 1 MIN 5 SEC

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/23/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 7

Depth At 06:00 : 5286.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 79

Morning Operations : DRILLING AHEAD.

Remarks :

Time To	Description
7:30 AM	DRILL F/ 4933'-4998'
8:00 AM	CIRC BTMS UP
9:00 AM	WIPER TRIP / PULL NINE STANDS / HIT TIGHT SPOT
4:30 PM	KELLY UP & SINGLE OUT F/ 4024'-3500'
6:00 PM	SET KELLY BACK / T.O.O.H. INTO THE SHOE
7:30 PM	T.I.H. TO 4264'
10:00 PM	KELLY UP & REAM F/ 4264'-4998'
6:00 AM	DRILL F/ 4998'-5286'

DSLTA: 216  
 SAFTEY MEETING: PINCH POINTS  
 WATER DELIVERY: 0 BBLS  
 TOTAL WATER: 7660 BBLS  
 FUEL: 4126 GALLONS  
 TOTAL FUEL USED: 1285 GALLONS  
 ACC: 2800 PSI  
 ANN: 1000 PSI  
 MAN: 1700 PSI  
 KOOMEY OIL : 13"  
 B.O.P. DRILL: 1 MIN 5 SEC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
**CONFIDENTIAL**

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

**COPY**

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

5. Lease Serial No.  
UTU-08107

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Peter's Point/UTU-63014
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Peter's Point Unit Federal 7-34D-12-16
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31428
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SENE, 1894' FNL, 561' FEL Sec. 34, T12S-R16E, SLB&M		10. Field and Pool or Exploratory Area Peter's Point/Wasatch-Mesaverde
		11. Country or Parish, State Carbon County, UT

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

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

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

Weekly drilling activity report from 2/26/09 through 03/05/09 (report #'s 10-13). Final drilling report, no further reports until completion operations

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang		Title Regulatory Analyst
Signature <i>Tracey Fallang</i>		Date 03/05/2009

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

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

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

(Instructions on page 2)

**RECEIVED**  
**MAR 09 2009**

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/27/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 11

Depth At 06:00 : 7394.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 83

Morning Operations : OPEN HOLE LOG

Remarks :

DAYS SINCE LAST LOST TIME ACCIDENT= 220  
 SAFETY MEETING= SHORT TRIP  
 WATER DELIVERY: 0 BBLs  
 TOTAL WATER: 8480 BBLs  
 DIESEL FUEL ON LOCATION=7291 GALLONS  
 TOTAL DIESEL FUEL USED: 8988 GALLONS  
 TUBULARS ON PETERS POINT 7-34  
 320 JOINTS OF 4 1/2" DRILL PIPE  
 40 JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
 21 JOINTS OF 6 1/2" DRILL COLLARS  
 189 JOINTS OF 4 1/2" PRO CSG  
 1-6 1/2" MUD MOTER HOURS=38  
 1 6 1/2" MUD MOTER HOURS=DIRTY  
 1 6 1/2" DRILLING JARS

Time To	Description
2:00 PM	DRILLING FROM 7121' TO 7333'
2:30 PM	RIG SERVICE, BOP DRILL FUNC.P.RAMS
4:30 PM	DRILLING FROM 7333' TO 7394'
6:00 PM	WIPER TRIP TO 5901'
10:30 PM	CIRCULATE BOTTOMS UP AND WAIT ON LOGERS
3:00 AM	PULL OUT OF HOLE L/D MOTER, PULL WEARRING
6:00 AM	RUN MULTI EXPRESS WITH SCHUMLUMBERGER

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/26/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 10

Depth At 06:00 : 7121.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 82

Morning Operations : DRILLING AHEAD.

Remarks :

DSLTA: 219  
 SAFETY MEETING: DRILLING  
 WATER DELIVERY: 320 BBLs  
 TOTAL WATER: 8480 BBLs  
 FUEL: 3783 GALLONS  
 TOTAL FUEL USED: 1306 GALLONS  
 ACC: 2800 PSI  
 ANN: 1000 PSI  
 MAN: 1700 PSI  
 KOOMEY OIL : 13"  
 B.O.P. DRILL: 1 MIN 5 SEC

Time To	Description
3:30 PM	DRILL F/ 6456'-6757
4:00 PM	RIG SERVICE
6:00 AM	DRILL F/ 6757'-7121'

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 3/1/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 13

Depth At 06:00 : 7394.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 85

Morning Operations : PREPARE FOR SKID \*\*\*RIG RELEASED AT 06:00 HOURS\*\*\*

Remarks :

Time To	Description
11:30 AM	PREJOBSAFETYMEETING PRESURE TEST SUFACE LINES TO 5000 PSI, PUMP 20 BBL SPACER, 10 BBL WATER 478 BBL OF 50/50 POZ WITH .3%SILICATE, .75%HALAD-322, .2%FWCA, .125#POLYFLAKE, 1#GRANULATE TR, .3%SUPER CBL,@7.005 GAL/SX [FLOWLINE PLUGED OFF WITH CEMENT RAN OVER BOP] DISPLACE 117 BBL WATER BUMP PLUG WITH 500 PSI OVER FLOATS AND PLUG HELD OBSERVVR ANNULAS RIG DOWN HALLIBURTON
1:30 PM	NIPPLED DOWN BLOWOUT PREVENTERS
2:30 PM	SET SLIPS WITH 15K OVER STRING WEIGHT
6:00 AM	RIG DOWN CLEAN TANKS,PREPARE FOR SKID AHEAD TO 5-35 **RIG RELEASED@6**

DAYS SINCE LAST LOST TIME ACCIDENT= 222  
SAFTEY MEETING= CEMENT  
WATER DELIVERY: 0 BBLs  
TOTAL WATER: 8480 BBLs  
DIESEL FUEL ON LOCATION=7291 GALLONS  
TOTAL DIESEL FUEL USED: 8988 GALLONS  
TUBULARS ON PETERS POINT 7-34  
320 JOINTS OF 4 1/2" DRILL PIPE  
40 JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
21 JOINTS OF 6 1/2" DRILL COLLARS  
189 JOINTS OF 4 1/2" PRO CSG  
1-6 1/2" MUD MOTER HOURS=38  
1 6 1/2" MUD MOTER HOURS=DIRTY  
1 6 1/2" DRILLING JARS

Well : Peter's Point #7-34D-12-16

Phase/Area : West Tavaputs

Operations Date : 2/28/2009

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Report # : 12

Depth At 06:00 : 7394.00

Estimated Total Depth : 7535.00

Surface Location : SENE-34-12S-16E-W26M

Spud Date : 12/6/2008 Days From Spud : 84

Morning Operations : PUMP CEMENT

Remarks :

Time To	Description
8:30 AM	RUN MULTI EXPRESS WITH SCHUMBERGER
11:30 AM	RUN IN HOLE, WASH DOWN 90' NO FILL
12:30 PM	CIRCULATE SWEEP AROUND, PreJobSafetyMeeting RIG UP LAYDOWN MACHINE PUMP DRU PIPE SLUG
4:30 PM	LAYDOWN DRILL STRING
10:00 PM	P.J.S.M. RIG UP CASERS, RUN 173 JOINTS OF 4 1/2" P-110 #11.6 L.T.C.LENGTH 7383 SET@7380
5:00 AM	CIRCULATE WAIT ON CEMENTERS
6:00 AM	PJSM RIG UP CEMENTERS

DAYS SINCE LAST LOST TIME ACCIDENT= 221  
SAFTEY MEETING= OPEN HOLE LOG  
WATER DELIVERY: 0 BBLs  
TOTAL WATER: 8480 BBLs  
DIESEL FUEL ON LOCATION=7291 GALLONS  
TOTAL DIESEL FUEL USED: 8988 GALLONS  
TUBULARS ON PETERS POINT 7-34  
320 JOINTS OF 4 1/2" DRILL PIPE  
40 JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
21 JOINTS OF 6 1/2" DRILL COLLARS  
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1-6 1/2" MUD MOTER HOURS=38  
1 6 1/2" MUD MOTER HOURS=DIRTY  
1 6 1/2" DRILLING JARS

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BUREAU OF LAND MANAGEMENT

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

**COPY**

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

5. Lease Serial No.  
UTU-08107

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Peter's Point/UTU-63014
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Peter's Point Unit Federal 7-34D-12-16
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31428
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SENE, 1894' FNL, 561' FEL Sec. 34, T12S-R16E, SLB&M		10. Field and Pool or Exploratory Area Peter's Point/Wasatch-Mesaverde
		11. Country or Parish, State Carbon County, UT

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly completion activity report from 3/30/09 through 4/6/2009 (report #'s (2-3).

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

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

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

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

(Instructions on page 2)

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

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : **Peter's Point #7-34D-12-16** Phase/Area West Tavaputs

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Ops Date : 4/1/2009 Report # : 3

AFE # : 15194D

Summary	End Time	Description
RIH W/ Sonic Imaging tools to 7291' Pressure CSG Log out to 1000' R/U Gyro/Data Tools RIH to 7291' survey to bttm @ 100' intervals	6:30 PM	WELL SECURE
	12:30 AM	RIH W SONIC IMAGING TOOLS TO 7291' PRESSURE CSG TO 1000 PSI. LOG OUT @ 1800 FPH TO 1000' R/D SONIC TOOLS
	2:30 AM	WORKING ON GYRO TOOLS
	6:00 AM	P/U GYRO/DATA LOGGING TOOLS RIH TO 7291' LOG @ 100' INTERVALS TO BOTTOM POOH

Well Name : **Peter's Point #7-34D-12-16** Phase/Area West Tavaputs

Bottom Hole Display	API #/License
SWNE-34-12S-16E-W26M	43-007-31428

Ops Date : 3/31/2009 Report # : 2

AFE # : 15194D

Summary	End Time	Description
R/U Schlumberger Wireline RIH to 7291' Tag (47' High) W/3.50 Gauge ring POOH	2:30 AM	WELL SECURE
	5:00 AM	RIH W/ 3.50 GAUGE RING TO 7291' (TAG 47' HIGH OF FLOAT COLLAR) POOH
	6:00 AM	WELL SHUT IN

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
UTU-63014  
6. If Unit of CA/Agreement or Other Name  
N/A

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Peter's Point/UTU-63014
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Peter's Point Unit Federal 7-34D-12-16
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31428
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SENE, 1894' FNL, 561' FEL Sec. 34, T12S-R16E, SLB&M		10. Field and Pool or Exploratory Area Peter's Point/Wasatch-Mesaverde
		11. Country or Parish, State Carbon County, UT

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

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

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

No weekly completion activity from 4/7/09 through 5/7/09. No further reports until completion operations resume.

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

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

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

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

(Instructions on page 2)

**RECEIVED**

**MAY 13 2009**

DIV. OF OIL, GAS & MINING

<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
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 7-34D-12-16
------------------------------------	--------------------------------------------------------

<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314280000
--------------------------------------------------	-----------------------------------------

<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
---------------------------------------------------------------------------------	------------------------------------------	-------------------------------------------------------

<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1894 FNL 0561 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE 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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/26/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

No activity, waiting on completion.

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-08107
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<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 7-34D-12-16
------------------------------------	--------------------------------------------------------

<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314280000
--------------------------------------------------	-----------------------------------------

<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
---------------------------------------------------------------------------------	------------------------------------------	-------------------------------------------------------

<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1894 FNL 0561 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE 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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/13/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Weekly completion activity report, 6/27/09-7/13/09.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 16, 2009

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/16/2009	



Report # : 17

Report Date : 07/06/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : SI. Load Co2 Vessels.

24hr. Summary : SI. Load CO2 Vessels.

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	6:00 PM	12.00	LOCL	Lock Wellhead and Secure	SI. Load CO2 Vessels
6:00 PM	06:00 AM	12.00	LOCL	Lock Wellhead and Secure	CO2 Vessels

**TOTAL HOURS : 24.00**

**REPORT INFORMATION**

Report # : 18

Report Date : 07/07/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : SI. Pressure test. HES EL stage 1 and frac EL and frac stages.

24hr. SI. Load KCL water. WG. set 10K frac tree. and goat heasd.. HES rig

Summary : frac tree. rig HES wire line equip.

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	1:00 PM	7.00	LOCL	Lock Wellhead and Secure	SI
1:00 PM	12:00AM	11.00	SRIG	Rig Up/Down	MIRU Opsco flow back. WG set 10k frac trees. move goat hjeads from 36-3 pad. MIRU HES Frac and EL . off load sand KCL water. MI RU Linde Booster and praxair. Boosrter
12:00AM	06:00 AM	6.00	LOCL	Lock Wellhead and Secure	SI.

**TOTAL HOURS : 24.00**

:

**REPORT INFORMATION**

Report # : 19

Report Date : 07/08/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : SI. EL and frac stages4 and 5

24hr. SI. Pressure test pump lines. Frac tree. Casing to 7000 psi. bleed off.

Summary : Safety meet. HES EL #1. Frac #1.

Well Status :

RECEIVED July 16, 2009

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:30 PM	6.50	LOCL	Lock Wellhead and Secure	SICP:0
12:30 PM	1:00 PM	0.50	PTST	Pressure Test	Pressure test pump lines. Frac tree, Casing to 7000 psi. Good test.
1:00 PM	1:15 PM	0.25	SMTG	Safety Meeting	Safety Meeting, Pressure test. CO2, Smoking area, Wind , Flow back area, LEL. PU and Lay down perf guns.
1:15 PM	3:15 PM	2.00	PFRT	Perforating	HLS perf stage 1 Price River, PU 10 ft. perf guns. RIH correlate to casing collars, Run to perf depth check depth to casing collar, Perforate @ 7202-7208 and 7190-7194, 3SPF, 120 phasing, .420 holes. 22.7 gram charge. 35" pen. POOH turn well over to frac
3:15 PM	4:15 PM	1.00	FRAC	Frac. Job	HES frac stage 1 Price River 70Q foam frac. Load and Break @ 4,043 PSI @ 5.4 BPM. Avg. Wellhead Rate: 17.1 BPM. Avg. Slurry Rate: 7 BPM. Avg. Co2 Rate: 9.6 BPM. Avg. Pressure: 4,359 PSI. Max. Wellhead Rate: 17.3 BPM. Max. Slurry Rate:8.2 BPM. Max. CO2 Rate:11.5 BPM. Max. Pressure: 4464 PSI. Total Fluid Pumped: 11,152 Gal. Total Sand in Formation. 35,900 lb. (20/40 White ) Linde CO2 Downhole: 59 ton. CO2 Cooldown: 6 ton. ISIP:3,748 PSI. Frac Gradient: 0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
4:15 PM	6:15 PM	2.00	PFRT	Perforating	HLS EL stage 2 Price River. PU HES CFP with 10 ft. perrf gun. RIH correlate to casing collars Run to setting depth set CFP @ 6830 ft. PU pressure up casing 500 psi . Perf @ 7019-7023, 6955-6959 and 6852-6854, 3 SPF, 120 phasing, 22.7 gram charge. .420 holes. 35" pen. POOH turn well over to frac.
6:15 PM	7:30 PM	1.25	FRAC	Frac. Job	HES frac stage 2 Price River 70Q foam frac. Load and Break @ 4,278 PSI @ 19 BPM. Avg. Wellhead Rate: 19.4 BPM. Avg. Slurry Rate: 7.7 BPM. Avg. Co2 Rate: 10.6 BPM. Avg. Pressure: 4,088 PSI. Max. Wellhead Rate: 20.4 BPM. Max. Slurry Rate: 9.2 BPM. Max. CO2 Rate: 13.8 BPM. Max. Pressure: 4,237 PSI. Total Fluid Pumped: 21,042 Gal. Total Snd in Formation: 92,000 lb. (20/40 White) Praxair CO2 Downhole: 130 ton. CO2 Cooldown: 6 ton. ISIP:3,453 PSI. Frac Gradient: 0.94 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
7:30 PM	9:30 PM	2.00	PFRT	Perforating	HLS perf stage 3 Dark Canyon. PU HES CFP with 30 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6830 ft. PU pressure up casing. Perforate @ 6763-6773, 6749-6759 and 6734-6744, 3 JSPF,

180 phasing. .70 hole. 22 gram charge. 6.18" pen. POOH turn well over to frac.

9:30 PM	10:36 PM	1.10	FRAC	Frac. Job	HES frac stage 3 Dark Canyon 70Q foam frac. Load and Break @ 4,350 PSI @ 18 BPM. Avg. Wellhead Rate:35.4 BPM. Avg. Slurry Rate: 14 BPM. Avg. Co2 Rate:19.9 BPM. Avg. Pressure: 6,474 PSI. Max. Wellhead Rate:38.1 BPM. Max. Slurry Rate:16.2 BPM. Max. Co2 Rate: 25.3 BPM. Max. Pressure: 6,919 PSI. Total Fluid Pumped: 27,451 gal. Total Sand in Formation: 132,100 lb.(20/40 White) Linde Co2 Downhole:187 tons. CO2 Cooldown: 8 ton. ISIP:4,104 PSI. Frac Gradient: 1.05 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
10:36 PM	06:00 AM	7.40	LOCL	Lock Wellhead and Secure	SIWFN
<b>TOTAL HOURS :</b>		<b>24.00</b>			

**REPORT INFORMATION**

Report # : 20

Report Date : 07/09/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : SI. EL and Frac stages . RDMO HES equip. Flow back stages

24hr. Summary : SI. EL stage 4 ,Safety Meet, Frac #4 EL and Frac stages 5-

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	LOCL	Lock Wellhead and Secure	SICP: 2100
12:00 PM	1:30 PM	1.50	PFRT	Perforating	HES EL stage 4 D.C. PU HES CFP with 30 ft. perf guns. RIH correlate to casing collars. Run to setting depth set CFP @ 6700 ft. PU pressure up casing 500 over SI. Perforate @ 6622-6632 , 6594-6604 and 6572-6582, 1 SPF, 180 phasing. .70 holes. 22 gram charge. 6.18" pen. POOH turn well over to frac.
1:30 PM	1:45 PM	0.25	SMTG	Safety Meeting	Safety meeting. Frac, radio's off to EL., Heat, CO2, smoking area,
1:45 PM	2:45 PM	1.00	FRAC	Frac. Job	HES Frac stage 4 Dark Canyon 70Q foam frac. Load and Break @3,336 PSI @ 18.3 BPM. Avg. Wellhead Rate: 37.8 BPM. Avg. Slurry Rate: 15.2 BPM. Avg. Co2 Rate: 20.8 BPM. Avg. Pressure:6,076 PSI. Max. Wellhead Rate:40.5 BPM. Max. Slurry Rate:17.5 BPM. Max. CO2 Rate: 25.5 BPM. Max. Pressure: 6,814 PSI. Total Fluid Pumped: 28.076 Gal. Total Sand in

Formation: 144,200 lb.(20/40 White) Praxair CO2 Downhole; 195 tons. CO2 Cooldown: 8 tons. ISIP:3,796 PSI. Frac Gradient: 1.02 psi.ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.

2:45 PM	4:15 PM	1.50	PFRT	Perforating	HLS perf stage 5 N.H. PU HES CFP with 10 ft. perf guns. RIH correlate to casing collars. Run to setting depth set CFP @ 6515 ft. PU pressure up casing 500 psi. Perforate @ 6433-6439 and 6412-6416, 3 SPF, 120 phasing, .420 hole. 22.7 gram charge, 35" pen. POOH turn well over to frac.
4:15 PM	5:15 PM	1.00	FRAC	Frac. Job	HES frac stage 5 North Horn 60Q foam frac. Load and Break @ 3,700PSI @ 16.9 BPM. Avg. Wellhead Rate: 24.4 BPM. Avg. Slurry rate:11.7 BPM. Avg. CO2 Rate: 11.6 BPM. Avg. Pressure: 5,212 PSI. Max. Wellhead Rate: 25.5 BPM. Max. Slurry rate:14 BPM. Max. CO2 Rate:14 BPM. Max. Pressure: 5,460 PSI. Total Fluid Pumped: 18,369 gal. Total Sand In Formation: 63,900 lb.(20/40 White) Linde CO2 Downhole: 82 tons. CO2 Cooldown: 5 tons. ISIP:4,457 PSI. Frac Gradient:1.14 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
5:15 PM	6:36 PM	1.35	PFRT	Perforating	HLS perf stage 6 N.H. PU HES CFP with 26 ft. perf guns. RIH correlate to casing collar, Run to setting depth set CFP @ 6000 ft. PU pressure up 500 psi. Perforate @ 5927-5937, 5909-5919, and 5745-5751, 1 SPF, 180 phasing, 22 gram charge. .70 hole 6" pen. POOH turn well over to frac.
6:36 PM	7:36 PM	1.00	FRAC	Frac. Job	HES frac stage 6 North Horn 60Q foam frac. Load and Break @ 3500 PSI @ 17.5 BPM. Avg. Wellhead Rate: 34.3 BPM. Avg. Slurry Rate: 16.4 BPM. Avg. CO2 Rate: 16.3 BPM. avg. Pressure: 5,513 PSI . Max. Wellhead Rate: 35.8 BPM. Max. Slurry Rate: 19.7 BPM. Max. CO2 Rate: 19.7 BPM. Max. Pressure: 6,172 PSI. Total Fluid Pumped : 32,880 Gal. Total Sand in Formation: 136,100 lb. (20/40 White) Linde Co2 Downhole: 161 ton. Co2 Cooldown: 8 ton. ISIP:3,796 PSI. Frac Gradient: 1.09 psi/ft, Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
7:36 PM	9:06 PM	1.50	PFRT	Perforating	HLS Perf stage 7 N.H. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5540 ft. PU pressure up casing 500 psi. Perforate @ 5468-5476 and 5403- 5405 3 SPF, 120 phasing, 22,7 gram charge, .420 holes. 35" pen. POOH turn well over to frac.
9:06 PM	10:06 PM	1.00	FRAC	Frac. Job	HES frac stage 7 North Horn 60Q foam frac. Load and Break @ 3,718 PSI @ 15.7 BPM. Avg. Wellhead Rate: 19.2 BPM. Avg. Slurry Rate: 9.3 BPM. Avg. CO2 Rate: 9 BPM. Avg.

Pressure: 4,088 PSI. Max. Wellhead Rate: 21.4 BPM. Max. Slurry Rate: 11.3 BPM. Max. CO2 rate: 15.2 BPM. Max. Pressure: 7,158 PSI. Total Fluid Pumped: 14,949 Gal. ( SCREENED OUT FRAC IN FLUSH) Total Sand in Formation: 55,100 lb. Sand left in wellbore: 9,000 lb. (20/40 White) Praxair CO2 Downhole: 71 ton. CO2 Cooldown: 6 ton. ISIP: N/A PSI. Frac Gradient: N/A psi/ft. Screened out with 4lb sand on formation 551 sacks in formation 90 sacks in wellbore. Bleed off casing pressure to 4000 psi. turn well over to flow back.

10:06 PM      06:00 AM      7.90      FBCK      Flowback Well

Flow back stages 1-7 through Opsco flow equipment to open top tanks. cutting flow back iron.

**TOTAL HOURS : 24.00**

**REPORT INFORMATION**

Report # : 21

Report Date : 07/10/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : Flow back stages 1-9 clean up for Production sales.

24hr. Summary : Flow stages 1-7 through Opsco. SI @ 4AM. HLS repair truck PU tools EL stage 8.. Frac #8. EL and Frac #9. SI. RDMO. Flow back stages 1-9

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	10:00 AM	4.00	FBCK	Flowback Well	Flow stages 1-7 screen out of stage 7.. FCP: 795 PSI on 38 ck. recovered sand and 655 bbl water. in 11.40 hours.
10:00 AM	12:30 PM	2.50	LOCL	Lock Wellhead and Secure	SICP: 800. Safety meeting. EL work, fracing, RD move iron and EL.
12:30 PM	2:30 PM	2.00	PFRT	Perforating	HLS made repairs on EL truck controls. PU lub and EL stage 8 Middle Wasatch. PU HES CFP with 10 ft. perf guns. RIH correlate to casing collars. Run to setting depth set CFP @ 4970 ft. PU perforate @ 4888-4892, 4862-4864 and 4855-4859, 3 SPF, 120 phasing, .420 hole. 22.7 gram charge. 35 " pen. POOH turn well over to frac.
2:30 PM	3:30 PM	1.00	FRAC	Frac. Job	HES frac stage 8 Middle Wasatch. 60Q foam frac. Load and Break @ 3,262 PSI @ 5.6 BPM. Avg. Wellhead Rate: 17.5 BPM. Avg. Slurry Rate: 8.6 BPM. Avg. CO2 Rate: 7.9 BPM. Avg. Pressure: 3,298 PSI. Max. Wellhead Rate: 18.2 BPM. Max. Slurry Rate: 10 BPM. Max. CO2 Rate: 10.9 BPM. Max. Pressure: 3,475 PSI. Total Fluid Pumped: 12.744 Gal. Total Sand in Formation: 43,900 lb. (20/40 White)

Linde CO2 Downhole: 60 tons. CO2  
 Cooldown: 5 ton. ISIP: 2,888 PSI. Frac  
 Gradient: 1.03 psi/ft. Successfully flushed  
 wellbore with 50Q foam 50 bbl over flush with  
 500 gal. fluid cap.

3:30 PM	4:42 PM	1.20	PFRT	Perforating	HLS start to PU guns grounding problems can not arm guns. wrong switch in guns
4:42 PM	6:12 PM	1.50	PFRT	Perforating	HLS perf stage 9 M.W. PU HES CFP with 16 ft. perf guns.
6:12 PM	7:12 PM	1.00	FRAC	Frac. Job	HES frac stage 9 Middle Wasatch 60Q foam frac. Load and Break @ 3,132 PSI @ 16.6 BPM. Avg. Wellhead Rate: 19.5 BPM Avg.Slurry rate:9.3 BPM. Avg. CO2 Rate: 9 BPM. Avg. Pressure: 3,182 PSI. Max. Wellhead Rate:21 BPM. Max. Slurry Rate: 11.2 BPM. Max. Co2 Rate: 12 BPM. Max. Pressure: 3,364 PSI. Total Fluid Pumped: 23,724 gal. Total Sand In Formation: 96,000 lb.(20/40 White) Linde CO2 Downhole: 112 tons. CO2 Cooldown: 5 ton. ISIP:2,716 PSI. Frac Gradient: 1.03 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
7:12 PM	8:12 PM	1.00	LOCL	Lock Wellhead and Secure	SI. Rig off HES frac iron and HLS EL equipment.
8:12 PM	06:00 AM	9.80	FBCK	Flowback Well	Flow back stages 1-9 through Opsco equipment. Clean up for production

**TOTAL HOURS : 24**

**REPORT INFORMATION**

Report # : 22

Report Date : 07/11/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : SI. Bulldup PSI flow casing try to blow sand out of wellbore.

24hr. Summary : Flow stages 1-9 making heavy sand. pressure dropped off Shut in well for PSI buildup.

Well Status :

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	FBCK	Flowback Well	Flow back stages 1-9 FCP:30 psi. on open flow line. to open top tanks
12:00 PM	06:00 AM	18.00	LOCL	Lock Wellhead and Secure	SI build pressure to try to blow sand from wellbore. 5PM PSI build up to 750 psi.

**TOTAL HOURS : 24.00**

**REPORT INFORMATION**

Report # : null

Report Date : 07/12/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : SI build PSI. Open and flow casing

24hr. Summary : SI. Build PSI. to flow casing.  
:

Well Status :

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

None

**TOTAL HOURS : 24.00**

**REPORT INFORMATION**

Report # : 24

Report Date : 07/13/2009

**OPERATIONS**

A.M. Ops :

Ops Forecast : flow stages 1-9

24hr. Summary : flow stages 1-9

Well Status :

<b>FROM (TIME)</b>	<b>To (TIME)</b>	<b>HOURS</b>	<b>CODE</b>	<b>CATEGORY</b>	<b>COMMENT</b>
06:00 AM	12:00 PM	6.00	FBCK	Flowback Well	Flow stages 1-9 through Opsco flow equipment. FCP: 450 psi on 40 ck. recovered 315 bbl in 24 hours. Avg. of 13.15 BPH. CO2: 40+% water and CO2 light trace of sand.
12:00 PM	06:00 AM	18.00	FBCK	Flowback Well	flowstages 1-9 to flare stack through Opsco equip.
<b>TOTAL HOURS :</b>	<b>24.00</b>				

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-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 7-34D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314280000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1894 FNL 0561 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 34 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/14/2009	<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 checked="" type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	<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: _____

**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.

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

**Date:** August 11, 2009

**By:** *Derek Duff*

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



AFFIDAVIT OF NOTICE

My Name is Douglas W. G. Gundry-White. I am a Senior Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 1-34D-12-16 well located in the NENE of Section 34, Township 12 South, Range 16 East and the Peters Point Unit Federal 7-34D-12-16 well located in the SWNE 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: July 14, 2009

Affiant

  
Douglas W. G. Gundry-White

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

RECEIVED July 22, 2009



July 14, 2009

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

Attention: Dustin Doucet

RE: Sundry Notices  
Peter's Point Unit Federal 1-34D-12-16  
Peter's Point Unit Federal 7-34D-12-16  
NE 34 T12S R16E  
Carbon Co., UT

Dear Mr. Doucet:

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point UF 1-34D & 7-34D wells. We have enclosed herewith a copy of the Sundry Notices together with a plat showing the leases and wells in the area and affidavits confirming notice pursuant to the Utah OGM regulations.

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

BILL BARRETT CORPORATION

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

Doug Gundry-White  
Senior Landman

Enclosures

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SUITE 2300  
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RECEIVED July 22, 2009

# 12S-16E

28



UT 10083-FED-10/31/1960  
USA UTU 069551-HBP

101-A

UT 10069-FED-10/31/1960  
USA UTU 08107-HBP

UT 10076-FED-6/30/1961  
USA UTU 000681-HBP

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

1.821  
 FEET

By: JA  
 July 14, 2009

RECEIVED July 22, 2009



July 14, 2009

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

Certified Mail 7008 1830 0001 5245 2208

Attention: Marvin Hendricks

RE: Sundry Notices  
Peters Point Unit Federal 1-34D-12-16  
Peters Point Unit Federal 7-34D-12-16  
NE 34 T12S R16E  
Carbon Co., UT

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July 14, 2009

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

Certified Mail 7008 1830 0001 5245 2215

Attention: LaVonne Garrison

RE: Sundry Notices  
Peters Point Unit Federal 1-34D-12-16  
Peters Point Unit Federal 7-34D-12-16  
NE 34 T12S R16E  
Carbon Co., UT

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BILL BARRETT CORPORATION



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Senior Landman

Enclosures

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RECEIVED July 22, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-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 7-34D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314280000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1894 FNL 0561 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 34 Township: 12.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/14/2009	<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
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<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 13, 2009

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



AFFIDAVIT OF NOTICE

My Name is Douglas W. G. Gundry-White. I am a Senior Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 1-34D-12-16 well located in the NENE of Section 34, Township 12 South, Range 16 East and the Peters Point Unit Federal 7-34D-12-16 well located in the SWNE 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.

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

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

Date: July 14, 2009

Affiant

  
Douglas W. G. Gundry-White

1099 18TH STREET  
SUITE 2300  
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P 303.293.9100  
F 303.291.0420

RECEIVED July 22, 2009



July 14, 2009

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

Attention: Dustin Doucet

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BILL BARRETT CORPORATION

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Doug Gundry-White  
Senior Landman

Enclosures

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RECEIVED July 22, 2009

# 12S-16E

28



UT 10083-FED-10/31/1960  
USA UTU 069551-HBP

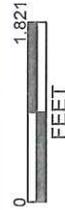
101-A  
1010 Pad

UT 10069-FED-10/31/1960  
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UT 10068-FED-1/31/1961  
USA UTSL 071595-HBU

UT 10076-FED-6/30/1961  
USA UTU 000681-HBP

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



By: JA  
July 14, 2009



July 14, 2009

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

Certified Mail 7008 1830 0001 5245 2208

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July 14, 2009

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

Certified Mail 7008 1830 0001 5245 2215

Attention: LaVonne Garrison

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RECEIVED July 22, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-08107
	<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 7-34D-12-16
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314280000
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
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	<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
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<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/31/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Completion activity report, 7/14/09 - 7/31/09.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 04, 2009

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/31/2009	

**Peter's Point #7-34D-12-16 7/14/2009 00:00 - 7/15/2009 00:00**

API/JWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43007314280000	UT	CARBON	West Tavaputs	Released for Work		Drilling & Completion

## Time Log Summary

Flowing stages 1-8 through Opsco flow equipment. FCP: 380 psi on 48 ck. recovered 155 bbl in 13 hours. Avg. of 11.92 BPH. CO2. 20% Gas rate of 1.013 MMCFD. - 6, Flow stages 1-8 through Opsco - 6, Turn well to Production sales. - 12

**Peter's Point Unit Fed. #7-34D-12-16 7/27/2009 06:00 - 7/28/2009 06:00**

API/JWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43007314280000	Utah	Carbon	West Tavaputs	Flowing Gas	7,394.0	Clean-out

## Time Log Summary

Continue well to sales - 9, R/U CTS coil unit & P/U 3 7/8" mill.  
 Pressure test to 5000 PSI - 0.5, Open well through Opsco equip.  
 RIH to 4764' tag CFP #1 Drill out (No sand)  
 RIH to 4968' tag CFP #2 Drill out (No sand)  
 RIH to 5540' tag CFP #3 Drill out (No sand)  
 RIH to 5997' tag CFP #4 Drill out (No sand)  
 RIH to 6512' tag CFP #5 Drill out (No sand)  
 RIH to 6664' tag sand (36' high & below perms)  
 Wash down to 6700' CFP #6 Drill out  
 RIH to 6826' tag CFP #7 drill for 2-hours not drilling off  
 POOH Check tools - 8.5, P/U drag bit RIH to 6826' tag CFP #7 drill out  
 RIH to 7090' tag CFP #8 Drill out (No sand)  
 RIH to 7232' tag sand wash down to 7326' PBTD  
 118' of rathole  
 Pump sweep POOH - 6

**Peter's Point Unit Fed. #7-34D-12-16 7/28/2009 06:00 - 7/29/2009 06:00**

API/JWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43007314280000	Utah	Carbon	West Tavaputs	Flowing Gas	7,394.0	Clean-out

## Time Log Summary

Continue flow well through Opsco equip  
 Continue POOH with coil  
 L/D Weatherford tools  
 Blow coil dry & R/D CTS equip - 2, Continue flow back well through Opsco  
 Total fluid pumped 1534 bbls  
 Total fluid recovered 924 bbls  
 Rig out Opsco equipment - 2, Well to sales - 20

<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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<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 8/13/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Completion activity report, 8/1/09-8/13/09.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 17, 2009

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/14/2009	



Peter's Point #7-34D-12-16 8/1/2009 06:00 - 8/2/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43007314280000	Utah	Carbon	West Tavaputs	Flowing Gas	7,394.0	Reconfigure Tubing/Components

Time Log Summary

Well secure - 1. Finish rig up pick up 2 3/8 tubing put on rack and 3 1/2 tubing on rack and tally. SDFD - 4, Well secure - 19

Peter's Point #7-34D-12-16 8/3/2009 06:00 - 8/4/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43007314280000	Utah	Carbon	West Tavaputs	Flowing Gas	7,394.0	Reconfigure Tubing/Components

Time Log Summary

Well secure - 1, NU BOP's - 1, RU Nalco cap unit. - 1, Run tubing and capalary string. Latch on to BP release, flare and sale well while stripping in with cap string - 4, Land Tubing as Follows:

Landed @ GL (KB)	17.00'	WoodGroup well head
Tubing hanger	78.	
194 jts. 2-3/8" 4.7 N-80	6350.57	
Pup jt.	3.90'	
CVR Jt.	4.62'	6372.25'
Pup Jt.	4.00'	
XN-nipple	1.25'	6380.87'
Capalary Mandrel	2.21'	
Disconnect	.60'	
Pup jt.	2.25'	
X-over	.95'	
2 7/8" 6.4# ultra flush	774'	
X-over	.94	
Pump off sub	1.59'	
X-over	.20'	
1 Weatherford overshot	2.14	

7167'- EOT

- 2, RU Weatherford foam unit pump of Bridgeplug with foam unit. Circulater for 1 hour to flow well back. - 1, RU Delsco slickline unit RIH retrieve blank sleeve in CVR jt. RIH with tubing plug set in XN-nipple - 2, Flowback well to sales thru tubing. - 12

**tfallang**  
**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**COPY**

Lease Serial No.  
UTU-08107

1a. Type of Well:  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.,  
 Other: \_\_\_\_\_

2. Name of Operator  
Bill Barrett Corporation

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SENE, 1894' FNL, 561' FEL  
 At top prod. interval reported below SWNE, 1968' FNL, 1798' FEL, Sec. 34  
 At total depth SWNE, 1962' FNL, 1924' FEL, Sec. 34

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

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

8. Lease Name and Well No.  
Peter's Point Unit Federal 7-34D-12-16

9. AFI Well No.  
43-007-31428

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

11. Sec., T., R., M., on Block and  
Survey or Area  
Sec. 34, T12S-R16E

12. County or Parish  
Carbon County

13. State  
UT

14. Date Spudded  
12/02/2008

15. Date T.D. Reached  
02/26/2009

16. Date Completed  
07/10/2009  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6863' RKB

18. Total Depth: MD 7394'  
TVD 7093' 7083

19. Plug Back T.D.: MD 7363'  
TVD 7059' 7052

20. Depth Bridge Plug Set: MD N/A  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Triple Combo, Mud Log, Ultrasonic Tool/Cement and Corrosion Logs/CCL/Gamma Ray

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	16" H40	65#	0	40'		grout cement		Surface	
12 1/4"	9 5/8" J-55	36#	0	1056'		400 Prem	82 bbls	Surface	0 lbs
8 3/4" & 7 7/8"	4 1/2" P-110	11.6#	0	7380'		1800 50/50	478 bbls	1142'	15,000 lbs

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7167'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	6622'	7194'	7190' - 7208'	0.42"	30	Open
B) Wasatch	4578'	6416'	6852' - 7023'	0.42"	30	Open
C)			6734' - 6773'	0.56"	30	Open
D)			6572' - 6632'	0.56"	30	Open

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	6622'	7194'	7190' - 7208'	0.42"	30	Open
B) Wasatch	4578'	6416'	6852' - 7023'	0.42"	30	Open
C)			6734' - 6773'	0.56"	30	Open
D)			6572' - 6632'	0.56"	30	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
7190' - 7208'	Stage 1: 70% CO2 foam frac: 59 tons CO2; 266 bbls fluid; 35,900# 20/40 White sand
6852' - 7023'	Stage 2: 70% CO2 foam frac: 130 tons CO2; 501 bbls fluid; 92,000# 20/40 White sand
6734' - 6773'	Stage 3: 70% CO2 foam frac: 187 tons CO2; 654 bbls fluid; 132,100# 20/40 White sand
6572' - 6632'	Stage 4: 70% CO2 foam frac; 195 tons CO2; 669 bbls fluid; 144,200# 20/40 White sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/14/09	7/19/09	24	→	0	1758	0			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64"		322	→	0	1758	0		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

**RECEIVED**  
**AUG 24 2009**

\*(See instructions and spaces for additional data on page 2)

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 (Solid, 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
				Uteland Butte	2713'
				Wasatch North Horn	2948' 4966'
				Dark Canyon Price River	6566' 6777'
				TD	7394'

32. Additional remarks (include plugging procedure):

Copies of logs previously submitted under separate cover. In the event log copies were not received, please contact Jim Kinser at 303-312-8163.

7 7/8" hole started at 6311'. Tubing has not yet been landed in this well.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tracey Fallang Title Regulatory Analyst  
 Signature *Tracey Fallang* Date 08/21/2009

Title 18 U.S.C. Section 1001 and Title 49 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.

**Peter's Point Unit Federal #7-34D-12-16 Report Continued**

26. PERFORATION RECORD (cont.)				27. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)								
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS	AMOUNT AND TYPE OF MATERIAL							
6412'	6439'	0.42"	30	Open	Stg 5	60% CO2 foam frac	82	tons CO2	437	bbls total fluid	63,900#	20/40 White Sand
5745'	5937'	0.56"	26	Open	Stg 6	60% CO2 foam frac	161	tons CO2	783	bbls total fluid	136,100#	20/40 White Sand
5403'	5476'	0.42"	30	Open	Stg 7	60% CO2 foam frac	71	tons CO2	356	bbls total fluid	64,100#	20/40 White Sand
4855'	4892'	0.42"	30	Open	Stg 8	60% CO2 foam frac	60	tons CO2	303	bbls total fluid	43,900#	20/40 White Sand
4578'	4711'	0.56"	16	Open	Stg 9	60% CO2 foam frac	112	tons CO2	565	bbls total fluid	96,000#	20/40 White Sand



Project: CARBON COUNTY, UT (NAD 27)  
 Site: PETERS POINT UF 8-34 pad  
 Well: PETERS POINT UF #7-34D-12-16  
 Wellbore: PT PT UF #7-34D-12-16  
 Design: PT PT UF #7-34D-12-16  
 Latitude: 39° 43' 57.060 N  
 Longitude: 110° 6' 8.020 W  
 GL: 6846.00  
 KB: WELL1 @ 6861.00ft (PATTERSON 51)  
 Rig: PATTERSON 51



**Weatherford**

Survey: Survey #2 (PETERS POINT UF #7-34D-12-16/PT PT UF #7-34D-12-16)								
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
6310.00	1.20	274.23	5999.08	-115.81	-1404.59	0.00	0.001387.87	

WELL DETAILS: PETERS POINT UF #7-34D-12-16						
+N/-S	+E/-W	Northing	Ground Level: Easting	6846.00 Latitude	Longitude	Slot
0.00	0.00	512690.05	2393082.89	39° 43' 57.060 N	110° 6' 8.020 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL_PT PT UF 7-34D-12-16 (copy)	713.00	-122.39	-1410.22	39° 43' 55.850 N	110° 6' 26.070 W	Circle (Radius: 100.00)

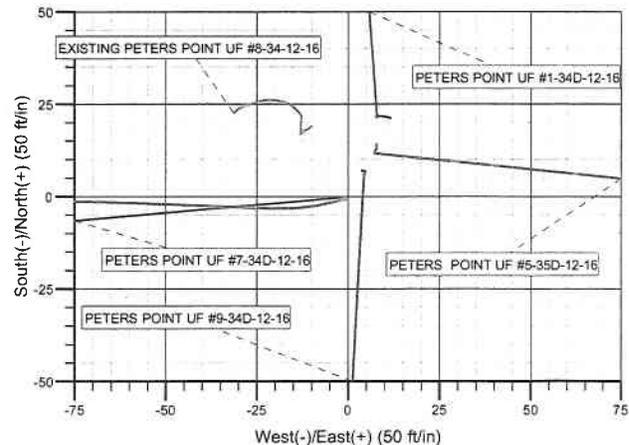
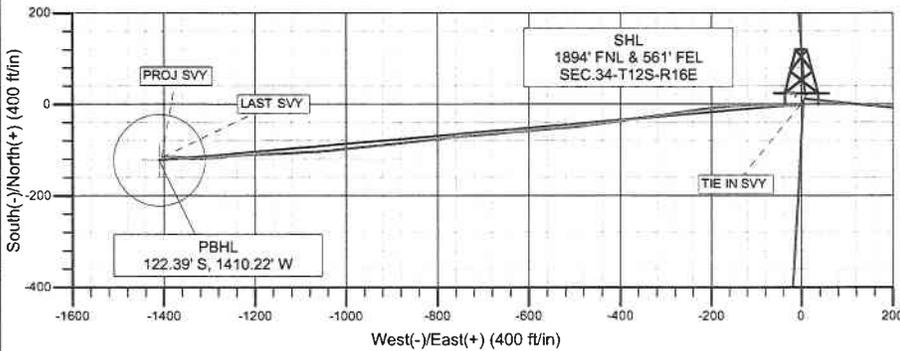
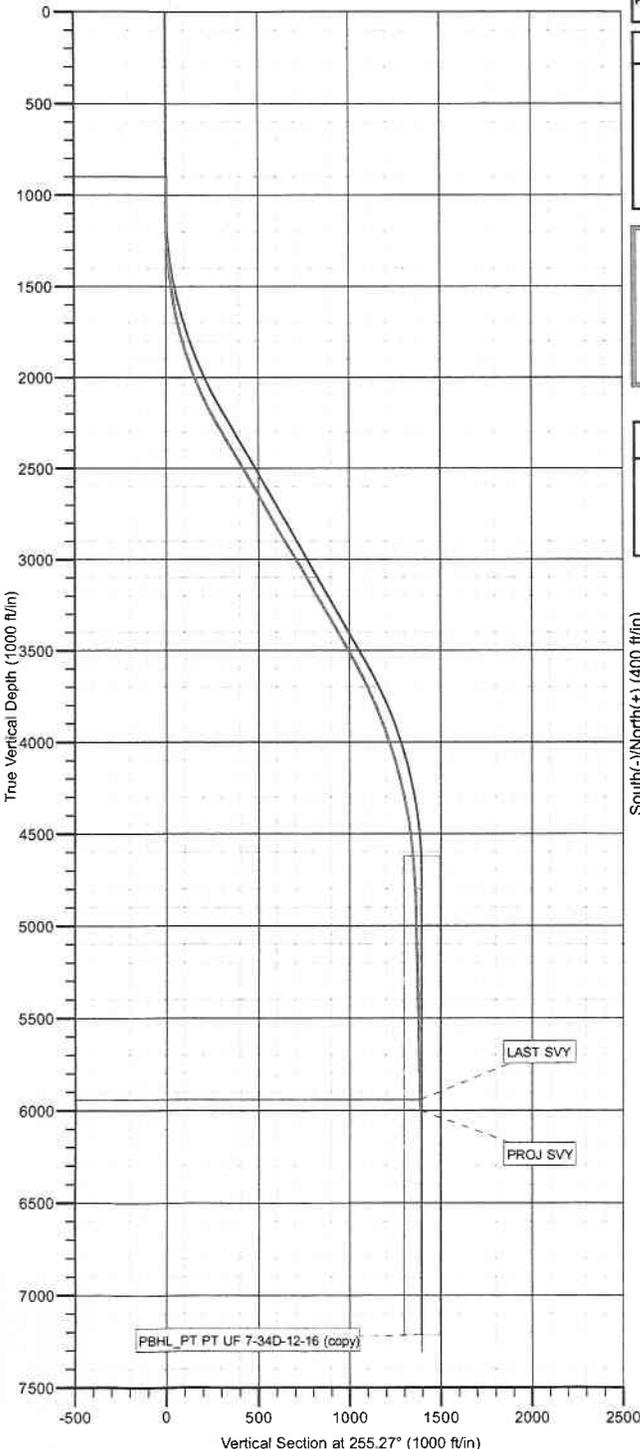
SECTION DETAILS										
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation	
900.00	0.05	298.85	900.00	-0.27	-1.04	0.00	0.00	1.06	Start 160.00 hold at 900.00 MD	
1060.00	0.05	298.85	1060.00	-0.20	-1.17	0.00	0.00	1.18	Start DLS 3.00 TFO -34.38	
1158.53	3.00	265.04	1158.48	-0.40	-3.78	3.00	-34.38	3.80	Start DLS 2.50 TFO 0.00	
2238.41	30.00	265.04	2184.35	-26.66	-306.49	2.50	0.00	307.65	Start 1601.91 hold at 2238.41 MD	
3840.32	30.00	265.04	3571.68	-95.87	-1104.38	0.00	0.00	1108.53	Start Drop -2.50	
5040.20	0.00	0.00	4717.50	-122.39	-1410.22	2.50	180.00	1415.52	Start 2495.50 hold at 5040.20 MD	
7535.70	0.00	0.00	7213.00	-122.39	-1410.22	0.00	0.00	1415.52	TD at 7535.70	

Azimuths to True North  
 Magnetic North: 11.61°  
 Magnetic Field  
 Strength: 52322.5snT  
 Dip Angle: 65.62°  
 Date: 2/13/2009  
 Model: BGGM2008

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2633.00	2987.39	WASATCH
4623.00	4945.68	NORTH HORN
6253.00	6575.70	DARK CANYON
6478.00	6800.70	PRICE RIVER
6883.00	7205.70	PRICE RIVER 6840' SAND
6913.00	7235.70	PRICE RIVER 6840' BASE

CASING DETAILS			
TVD	MD	Name	Size
1000.00	000.00		9 5/8" 9-5/8

LEGEND	
---	EXISTING PETERS POINT UF #6-34-12-16, PT PT UF 6-34-12-16, PT PT UF 8-34-12-16 V0
---	PETERS POINT UF #5-35D-12-16, PT PT UF #5-35D-12-16, Design #2 V0
---	PETERS POINT UF #7-34D-12-16, PT PT UF #7-34D-12-16, Design #3 V0
---	PETERS POINT UF #9-34D-12-16, PT PT UF #9-34D-12-16, Design #2 V0
---	PETERS POINT UF #1-34D-12-16, PT PT UF #1-34D-12-16, Design #2 V0
---	Survey #2



Survey: Survey #2 (PETERS POINT UF #7-34D-12-16/PT PT UF #7-34D-12-16)  
 Created By: TRACY WILLIAMS Date: 8:45, February 25 2009



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

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

**PETERS POINT UF 8-34 pad**

**PETERS POINT UF #7-34D-12-16**

**PT PT UF #7-34D-12-16**

**Survey: Survey #2**

## **Standard Survey Report**

**25 February, 2009**



**Weatherford®**



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PETERS POINT UF 8-34 pad  
**Well:** PETERS POINT UF #7-34D-12-16  
**Wellbore:** PT PT UF #7-34D-12-16  
**Design:** PT PT UF #7-34D-12-16

**Local Co-ordinate Reference:** Well PETERS POINT UF #7-34D-12-16  
**TVD Reference:** WELL1 @ 6861.00ft (PATTERSON 51)  
**MD Reference:** WELL1 @ 6861.00ft (PATTERSON 51)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

<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 8-34 pad, SECTION 34				
<b>Site Position:</b>		<b>Northing:</b>	512,690.05 ft	<b>Latitude:</b>	39° 43' 57.060 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,393,082.89 ft	<b>Longitude:</b>	110° 6' 8.020 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.90 °

<b>Well</b>	PETERS POINT UF #7-34D-12-16					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	512,690.05 ft	<b>Latitude:</b>	39° 43' 57.060 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,393,082.89 ft	<b>Longitude:</b>	110° 6' 8.020 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,846.00 ft

<b>Wellbore</b>	PT PT UF #7-34D-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>
	BGGM2008	2/13/2009	11.61	65.62	52,323

<b>Design</b>	PT PT UF #7-34D-12-16				
<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) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
		0.00	0.00	0.00	255.27

<b>Survey Program</b>	Date 2/25/2009				
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
100.00	900.00	Survey #1 (PT PT UF #7-34D-12-16)	GYRO	GyroCompass Mode	
1,096.00	6,310.00	Survey #2 (PT PT UF #7-34D-12-16)	MWD	MWD - Standard	

<b>Survey</b>										
<b>Measured Depth (ft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Vertical Section (ft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	
<b>TIE IN SVY</b>										
900.00	0.05	298.85	900.00	-0.27	-1.04	1.07	0.00	0.00	0.00	
<b>9 5/8"</b>										
1,000.00	0.20	106.99	1,000.00	-0.30	-0.91	0.96	0.25	0.15	168.14	
1,096.00	0.44	108.36	1,096.00	-0.47	-0.40	0.51	0.25	0.25	1.43	
1,192.00	1.23	258.07	1,191.99	-0.79	-1.06	1.23	1.69	0.82	155.95	
1,288.00	4.04	256.13	1,287.88	-1.82	-5.35	5.64	2.93	2.93	-2.02	
1,384.00	5.56	265.11	1,383.54	-3.03	-13.27	13.60	1.76	1.58	9.35	
1,480.00	7.63	272.61	1,478.90	-3.13	-24.27	24.27	2.33	2.16	7.81	
1,576.00	9.75	272.61	1,573.80	-2.47	-38.76	38.12	2.21	2.21	0.00	
1,672.00	12.50	271.86	1,667.98	-1.76	-57.27	55.83	2.87	2.86	-0.78	
1,768.00	15.25	270.74	1,761.17	-1.26	-80.28	77.96	2.88	2.86	-1.17	



# Weatherford International Ltd.

## Survey Report



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PETERS POINT UF 8-34 pad  
**Well:** PETERS POINT UF #7-34D-12-16  
**Wellbore:** PT PT UF #7-34D-12-16  
**Design:** PT PT UF #7-34D-12-16

**Local Co-ordinate Reference:** Well PETERS POINT UF #7-34D-12-16  
**TVD Reference:** WELL1 @ 6861.00ft (PATTERSON 51)  
**MD Reference:** WELL1 @ 6861.00ft (PATTERSON 51)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,865.00	17.56	267.99	1,854.22	-1.61	-107.66	104.54	2.51	2.38	-2.84
1,961.00	20.00	265.74	1,945.10	-3.34	-138.51	134.81	2.65	2.54	-2.34
2,057.00	22.75	265.49	2,034.49	-6.02	-173.40	169.23	2.87	2.86	-0.26
2,154.00	25.13	262.49	2,123.14	-10.19	-212.52	208.13	2.76	2.45	-3.09
2,250.00	28.31	261.49	2,208.88	-16.22	-255.26	250.99	3.35	3.31	-1.04
2,346.00	29.50	262.11	2,292.92	-22.83	-301.18	297.09	1.28	1.24	0.65
2,442.00	30.31	261.74	2,376.14	-29.56	-348.57	344.63	0.87	0.84	-0.39
2,538.00	30.81	261.49	2,458.80	-36.68	-396.86	393.14	0.54	0.52	-0.26
2,634.00	30.19	261.61	2,541.52	-43.84	-445.05	441.57	0.65	-0.65	0.13
2,730.00	29.31	264.36	2,624.87	-49.67	-492.32	488.77	1.69	-0.92	2.86
2,826.00	29.00	265.11	2,708.71	-53.96	-538.89	534.90	0.50	-0.32	0.78
2,922.00	30.25	265.49	2,792.16	-57.85	-586.18	581.62	1.32	1.30	0.40
3,018.00	30.69	264.74	2,874.90	-62.00	-634.69	629.59	0.61	0.46	-0.78
3,114.00	31.81	265.49	2,956.97	-66.23	-684.31	678.65	1.24	1.17	0.78
3,211.00	31.88	265.61	3,039.37	-70.20	-735.33	729.01	0.10	0.07	0.12
3,307.00	30.13	263.61	3,121.65	-74.82	-784.56	777.79	2.12	-1.82	-2.08
3,402.00	29.56	263.61	3,204.05	-80.09	-831.54	824.57	0.60	-0.60	0.00
3,498.00	30.63	263.86	3,287.11	-85.34	-879.39	872.18	1.12	1.11	0.26
3,594.00	29.81	264.31	3,370.06	-90.32	-927.45	919.93	0.89	-0.85	0.47
3,691.00	29.81	263.61	3,454.23	-95.39	-975.40	967.60	0.36	0.00	-0.72
3,787.00	29.25	264.36	3,537.76	-100.35	-1,022.46	1,014.37	0.70	-0.58	0.78
3,883.00	27.81	266.11	3,622.10	-104.18	-1,068.14	1,059.52	1.73	-1.50	1.82
3,979.00	25.00	266.99	3,708.07	-106.76	-1,110.75	1,101.39	2.96	-2.93	0.92
4,075.00	23.13	267.86	3,795.73	-108.53	-1,149.86	1,139.66	1.98	-1.95	0.91
4,171.00	21.75	268.24	3,884.45	-109.78	-1,186.48	1,175.39	1.45	-1.44	0.40
4,267.00	19.25	266.74	3,974.37	-111.23	-1,220.06	1,208.24	2.66	-2.60	-1.56
4,363.00	17.75	264.74	4,065.41	-113.47	-1,250.44	1,238.19	1.70	-1.56	-2.08
4,459.00	15.44	264.36	4,157.40	-116.07	-1,277.73	1,265.24	2.41	-2.41	-0.40
4,555.00	13.50	265.74	4,250.35	-118.16	-1,301.62	1,288.88	2.05	-2.02	1.44
4,652.00	11.56	268.11	4,345.04	-119.32	-1,322.63	1,309.49	2.07	-2.00	2.44
4,748.00	9.25	274.24	4,439.46	-119.07	-1,339.94	1,326.17	2.67	-2.41	6.39
4,844.00	7.13	275.86	4,534.47	-117.89	-1,353.56	1,339.05	2.22	-2.21	1.69
4,940.00	5.50	279.24	4,629.89	-116.54	-1,364.03	1,348.83	1.74	-1.70	3.52
5,035.00	3.88	275.74	4,724.56	-115.49	-1,371.72	1,356.00	1.73	-1.71	-3.68
5,132.00	2.44	272.86	4,821.41	-115.06	-1,377.05	1,361.04	1.49	-1.48	-2.97
5,228.00	1.25	262.74	4,917.36	-115.09	-1,380.13	1,364.03	1.28	-1.24	-10.54
5,324.00	1.06	260.74	5,013.34	-115.36	-1,382.05	1,365.95	0.20	-0.20	-2.08
5,420.00	1.38	265.99	5,109.32	-115.59	-1,384.08	1,367.97	0.35	0.33	5.47
5,516.00	1.38	277.61	5,205.29	-115.51	-1,386.37	1,370.18	0.29	0.00	12.10
5,612.00	1.50	275.16	5,301.26	-115.25	-1,388.77	1,372.43	0.14	0.13	-2.55
5,708.00	1.44	277.99	5,397.23	-114.97	-1,391.22	1,374.72	0.10	-0.06	2.95
5,804.00	1.56	274.36	5,493.20	-114.70	-1,393.72	1,377.07	0.16	0.13	-3.78
5,900.00	1.56	262.74	5,589.16	-114.77	-1,396.31	1,379.60	0.33	0.00	-12.10
5,996.00	1.00	250.11	5,685.14	-115.22	-1,398.40	1,381.73	0.65	-0.58	-13.16
6,092.00	1.13	260.61	5,781.12	-115.66	-1,400.12	1,383.51	0.24	0.14	10.94
6,188.00	1.19	265.11	5,877.10	-115.89	-1,402.05	1,385.43	0.11	0.06	4.69
<b>LAST SVY</b>									
6,252.00	1.20	274.23	5,941.09	-115.90	-1,403.38	1,386.72	0.30	0.02	14.25
<b>PROJ SVY - PBHL_PT PT UF 7-34D-12-16 (copy)</b>									
6,310.00	1.20	274.23	5,999.08	-115.81	-1,404.59	1,387.87	0.00	0.00	0.00



**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** PETERS POINT UF 8-34 pad  
**Well:** PETERS POINT UF #7-34D-12-16  
**Wellbore:** PT PT UF #7-34D-12-16  
**Design:** PT PT UF #7-34D-12-16

**Local Co-ordinate Reference:** Well PETERS POINT UF #7-34D-12-16  
**TVD Reference:** WELL1 @ 6861.00ft (PATTERSON 51)  
**MD Reference:** WELL1 @ 6861.00ft (PATTERSON 51)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.21 Single User Db

**Wellbore 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 UF 7-34	0.00	0.00	7,213.00	-122.39	-1,410.22	512,545.64	2,391,674.89	39° 43' 55.850 N	110° 6' 26.070 W
- survey misses target center by 1213.95ft at 6310.00ft MD (5999.08 TVD, -115.81 N, -1404.59 E) - Circle (radius 100.00)									

**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

**Survey Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
900.00	900.00	-0.27	-1.04	TIE IN SVY
6,252.00	5,941.09	-115.90	-1,403.38	LAST SVY
6,310.00	5,999.08	-115.81	-1,404.59	PROJ SVY

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Lease Serial No.
2. Name of Operator Bill Barrett Corporation		6. If Indian, Allottee or Tribe Name
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	7. If Unit of CA/Agreement, Name and/or No. Prickly Pear Unit/UTU-79487
4. Location of Well (Footage, Secs, T., R., M., or Survey Description)		8. Well Name and No. See Attached
		9. API Well No.
		10. Field and Pool or Exploratory Area
		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>Off-lease Water</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Treatment of Prickly</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Pear Unit Water</u>

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.)

Bill Barrett Corporation (BBC) is submitting this sundry in accordance with Onshore Order No. 7, III.B.2.b, Disposal of Produced Water on State or Privately Owned Lands. BBC will be taking produced water and flowback water from federal and state leases (a map and list of these wells is attached) within the Prickly Pear unit, hauling it to a temporary, "pilot" water treatment facility on SITLA lands in Sec. 16, T12S-R15E where it will be treated and reused for completion operations for approximately 16 state wells. This water treatment and recycling process will be in operation from January through July of 2010 and if successful, there is the potential of this being a permanent facility.

BBC has attached the SITLA submittal information for your records.

If you have further questions, please contact me at 303-312-8134.

**COPY**

*COA: Once received, please provide a copy of SITLA's approval letter.*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang		Title Regulatory Analyst
Signature <i>Tracey Fallang</i>		Date 01/14/2010

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

Approved by <i>Manny Heubrich</i>	<b>Petroleum Engineer</b>	Date JAN 14 2010
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 <b>PRICE FIELD OFFICE</b>

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)

## **WEST TAVAPUTS PILOT WATER TREATMENT FACILITY NESW, SECTION 16, T12S-R15E**

This is being submitted as notification that Bill Barrett Corporation (BBC) will be setting a temporary "pilot" water treatment facility within existing disturbance (no surface-laid lines are proposed) at the Prickly Pear Unit State 11-16 location. This facility will test the ability for BBC to reuse and recycle Prickly Pear unit water for approximately 16 state wells in Section 16 which are to be completed in 2010. It would also reduce truck traffic through Harmon Canyon associated with water hauling by approximately 16 trucks per day. Wells on Prickly Pear mesa generate approximately 1000 barrels of water per day (BWPD) and each well completion will take approximately 1300 BWPD. Any additional water needed for completion will come from currently approved water sources. This pilot facility will be in operation from January through July of 2010 and if successful, BBC will discuss the potential of making the facility permanent.

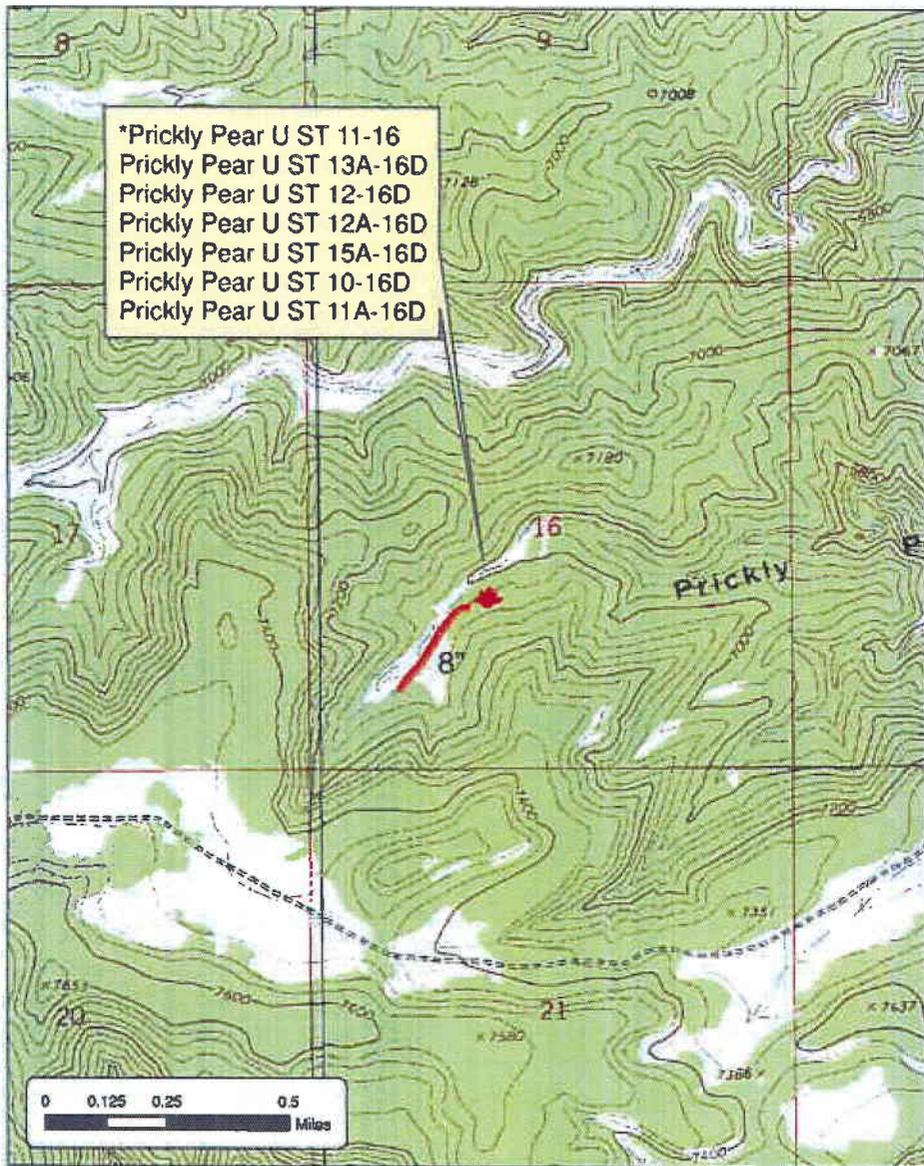
The process description is listed below and attachments to this proposal include proposed facility diagrams and maps and spreadsheets which indicate Prickly Pear wells involved with the water treatment process.

### **PROCESS DESCRIPTION**

BBC will use an electro-coagulation (EC) process which transmits an electrical current through the water between iron plates. Iron hydroxyl-oxide (IHO) is formed by the electrical current in the form of a floc which then adsorbs compounds in the water. Compounds bound to the IHO create larger floc/solids known as hematite. The hematite is then skimmed off and placed into a tank to be hauled off of to a state approved disposal facility and a pH buffer is added to the water to lower the pH for re-use.

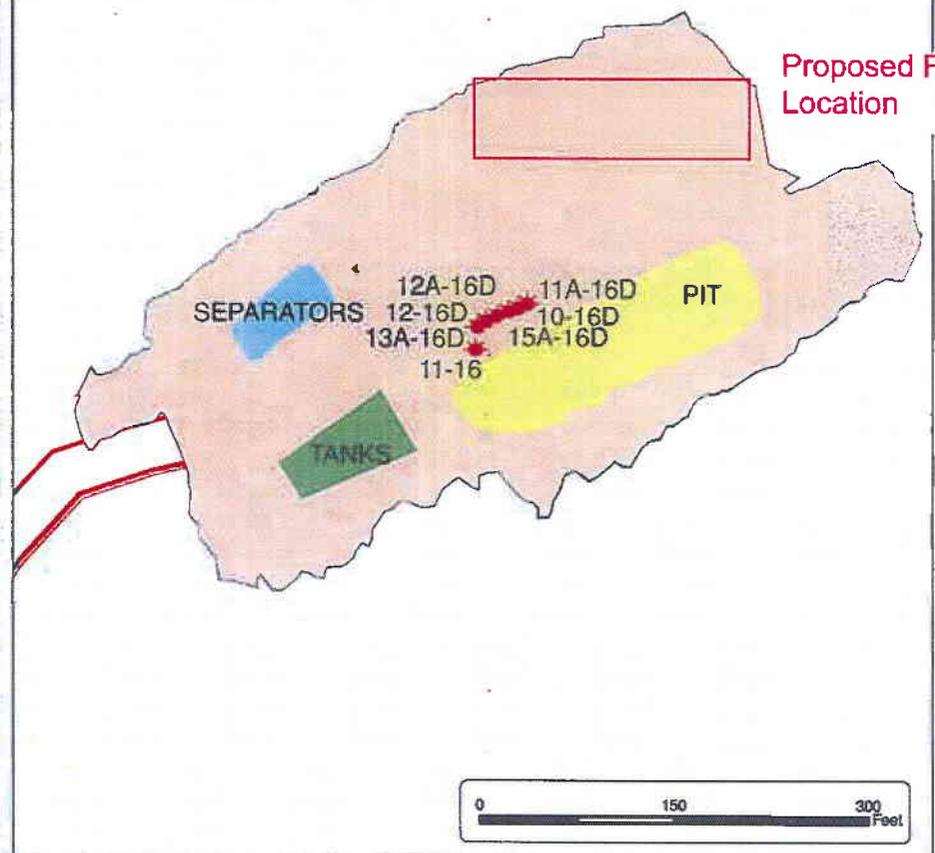
The EC system will treat approximately 1000-1200 BWPD (including flow-back water) and will be stored in clean tanks adjacent to the system. There will be ten 450-bbl holding tanks (two inlet water and eight treated water), three 450-bbl weir (skim) tanks and the actual EC system. There will also be a small generator to power a pump on location to assist in keeping the water flowing through the system. The tank battery will be bermed and the berms will be constructed to contain at a minimum 120 percent of the storage capacity of the largest tank within the berm. Any load lines and valves will be placed inside the berm.

After completion operations have ceased within Section 16, water will once again be diverted back to BBC's permitted saltwater disposal well in Sec. 24, T12S-R14E or a request for a permanent facility may be filed.



\*Prickly Pear U ST 11-16  
 Prickly Pear U ST 13A-16D  
 Prickly Pear U ST 12-16D  
 Prickly Pear U ST 12A-16D  
 Prickly Pear U ST 15A-16D  
 Prickly Pear U ST 10-16D  
 Prickly Pear U ST 11A-16D

STATE  
 Prickly Pear U ST 11-16 (1841' FSL & 1985' FWL)  
 Prickly Pear U ST 13A-16D (1859' FSL & 2016' FWL)  
 Prickly Pear U ST 12-16D (1864' FSL & 2023' FWL)  
 Prickly Pear U ST 12A-16D (1868' FSL & 2030' FWL)  
 Prickly Pear U ST 15A-16D (1872' FSL & 2037' FWL)  
 Prickly Pear U ST 10-16D (1877' FSL & 2043' FWL)  
 Prickly Pear U ST 11A-16D (1881' FSL & 2050' FWL)



Proposed Facility Location

\*Only those access and utility corridors constructed and/or applied for in this APD, are shown.

**LEGEND** — ROAD — PIPE SURFACE — PIPE BURIED — WELL LOCATION — SHUT IN WELL LOCATION — WELL DISTURBANCE — SEPARATORS — TANKS — PIT

**Environmental Industrial Services**  
 Environmental & Engineering Consulting  
 31 North Main Street  
 Helper, Utah 84526  
 (435) 472-3814  
 fax (435) 472-8780  
 eisec@preciscom.net

Total Road Length - 1176 ft  
 Ave. Road Disturbance Total Width - 38 ft  
 Ave. Road Disturbance Running Width - 30 ft  
 Total Road Disturbance - 1.0 Acres  
 Total Pipeline Length - 1153 ft  
 Total Pipeline Disturbance - 0 Acres  
 Total Pad Disturbance - 3.5 Acres



**As-Built**  
 Bill Barrett Corporation  
 NESW, Sec. 16, T12S, R15E, SLB&M  
 Carbon County, Utah

UWI/API	Well	Status	UWI/API	Well	Status
430071604500	1-GOVT PCKRL	GAS	430073123900	3-27D-12-15	GAS
430071654200	SC 1-STONE CABIN	GAS	430073123700	4-27D-12-15	GAS
430073001400	1-11-ST CAB-FED	GAS	430073124300	1-28-12-15	GAS
430071501600	33-1A-CLAYBANK SPRIN	GAS	430073124200	5-27D-12-15	GAS
430073052200	16-15 (12S-15E)	GAS	430073124400	8-28D-12-15	GAS
430073001800	2-B-27-ST CAB FED	GAS	430073124100	9-28D-12-15	GAS
430071654200	SC 1-ST CAB UNIT	GAS	430073128700	9-17-12-15	GAS
430073101800	36-06-12-15	GAS	430073129500	7-18D-12-15	GAS
430073082500	13-4 (12S-14E)	GAS	430073129400	1-18D-12-15	GAS
430073082800	21-2-12-15	GAS	430073124000	9-16-12-15	GAS
430073082300	10-4-12-14	GAS	430073124500	1-16-12-15	GAS
430073095400	7-25-12-15	GAS	430073136200	2-28D-12-15	GAS
430073093300	13-16-12-15	GAS	430073139900	11-22D-12-15	GAS
430073100800	5-13-12-14	GAS	430073136000	4-22D-12-15	GAS
430073094300	5-16-12-15	GAS	430073140000	14-22D-12-15	GAS
430073094500	7-16-12-15	GAS	430073139800	12-22D-12-15	GAS
430073094400	11-16-12-15	GAS	430073136100	6-22D-12-15	GAS
430073119300	15-18-12-15	GAS	430073141300	6-21D-12-15	GAS
430073098500	7-33D-12-15	GAS	430073141200	11-21D-12-15	GAS
430073128900	7-17D-12-15	GAS	430073141400	12-21D-12-15	GAS
430073086000	5-19-12-15	GAS	430073142100	2-20D-12-15	GAS
430073107300	13-23-12-15	GAS	430073141900	8-20D-12-15	GAS
430073119600	10-27-12-15	GAS	430073135900	14-15D-12-15	GAS
430073120600	1-20-12-15	GAS	430073145600	12-16D-12-15	GAS
430073118300	15-17-12-15	GAS	430073139400	10-18D-12-15	GAS
430073119800	7-20-12-15	GAS	430073128200	14-26D-12-15	GAS
430073116400	15-21-12-15	GAS	430073128800	1-17D-12-15	GAS
430073116600	13-21D-12-15	GAS	430073129600	5-17D-12-15	GAS
430073116500	7-28D-12-15	GAS	430073131400	3-18D-12-15	GAS
430073112100	3-28D-12-15	GAS	430073131600	5-18D-12-15	GAS
430073107500	3-26D-12-15	GAS	430073131000	13-17D-12-15	GAS
430073107400	1-27D-12-15	GAS	430073130900	12-17D-12-15	GAS
430073107600	15-22D-12-15	GAS	430073131100	14-17D-12-15	GAS
430073118700	3-22-12-15	GAS	430073131200	16-18D-12-15	GAS
430073118600	7-22D-12-15	GAS	430073132800	3-21D-12-15	GAS
430073118800	5-22D-12-15	GAS	430073131500	4-18-12-15	GAS
430073135800	13-15D-12-15	GAS	430073130800	8-17D-12-15	GAS
430073119200	9-18D-12-15	GAS	430073130700	10-17D-12-15	GAS
430073118400	11-17D-12-15	GAS	430073131300	8-18D-12-15	GAS
430073119700	9-20D-12-15	GAS	430073131700	6-18D-12-15	GAS
430073119400	16-27D-12-15	GAS	430073145900	10-16D-12-15	GAS
430073119500	12-27D-12-15	GAS	430073132100	16-17D-12-15	GAS
430073118900	11-15D-12-15	GAS	430073132400	14-16D-12-15	GAS
430073125900	4-25D-12-15	GAS	430073132900	4-21D-12-15	GAS
430073126000	12-25D-12-15	GAS	430073136400	5A-27D-12-15	GAS
430073128300	2-35-12-15	GAS	430073136800	1A-28D-12-15	GAS
430073128500	4-35D-12-15	GAS	430073136300	16X-21D-12-15	GAS
430073128400	10-26D-12-15	GAS	430073140100	4A-27D-12-15	GAS
430073125700	11-18D-12-15	GAS	430073139300	14A-18D-12-15	GAS
430073125800	11-20D-12-15	GAS	430073139500	15A-18D-12-15	GAS
430073122600	2-36-12-15	GAS	430073139600	16A-18D-12-15	GAS
430073122700	4-36-12-15	GAS	430073145800	15A-16D-12-15	GAS
430073123800	13-22-12-15	GAS	430073146100	13A-16D-12-15	GAS
			430073146000	11A-16D-12-15	GAS

UWI/API	Well	Status
430073148000	5A-16D-12-15	LOC
430073148500	9A-16D-12-15	LOC
430073147900	4A-16D-12-15	LOC
430073148100	3A-16D-12-15	LOC
430073147700	6A-16D-12-15	LOC
430073148400	16A-16D-12-15	LOC
430073151600	13B-16D-12-15	LOC
430073095300	12-24-12-14	SWD
430073142200	7A-16D-12-15	WOC
430073142500	3-16D-12-15	WOC
430073145500	8-16D-12-15	WOC
430073142300	6-16D-12-15	WOC
430073132300	16-16D-12-15	WOC
430073142400	10A-16D-12-15	WOC
430073151500	14B-16D-12-15	WOC
430073132200	15-16D-12-15	WOC
430073147800	4-16D-12-15	WOC
430073151400	16B-16D-12-15	DRL

**Status Legend**

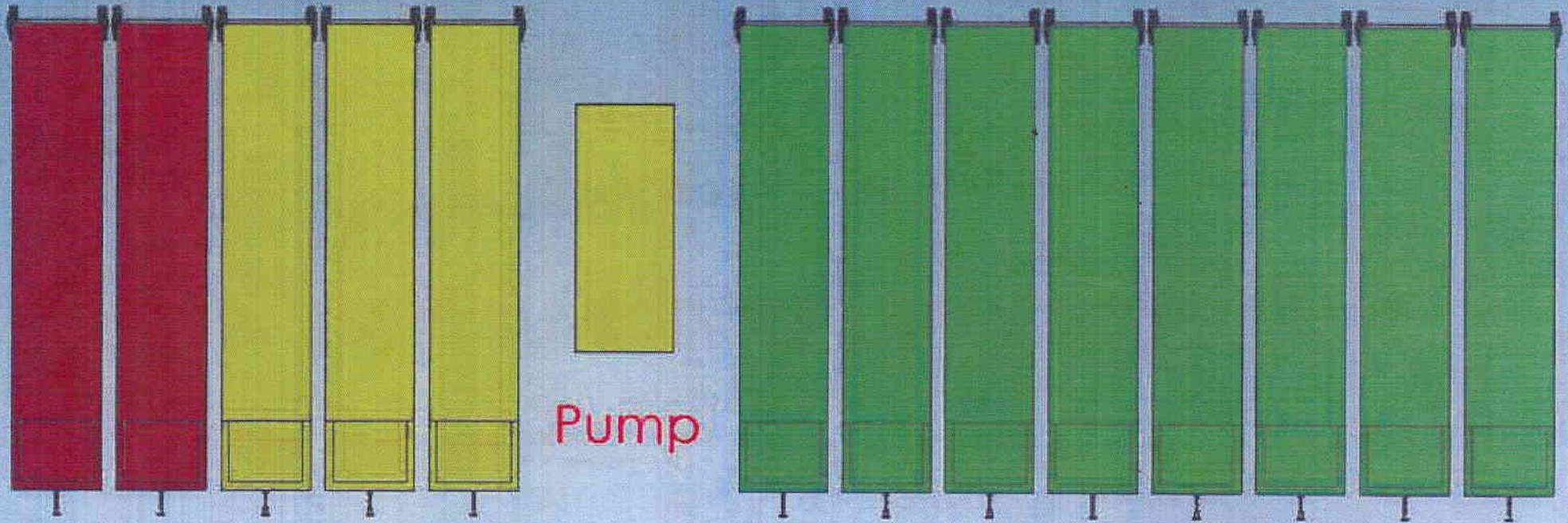
DRL	Currently Drilling
GAS	Currently Producing
LOC	2010 Location
SWD	Salt Water Disposal
WOC	Waiting on Completion

Yellow indicates state wells that will be completed in 2010 using treated Prickly Pear Unit water. Water could come from any of these wells to be used in treatment process and reused for state well completions.

Inlet

Weir Tanks/Treatment

Treated Water



**2010 STATE WELL COMPLETIONS**

**Uinta Basin**

West Tavaputs

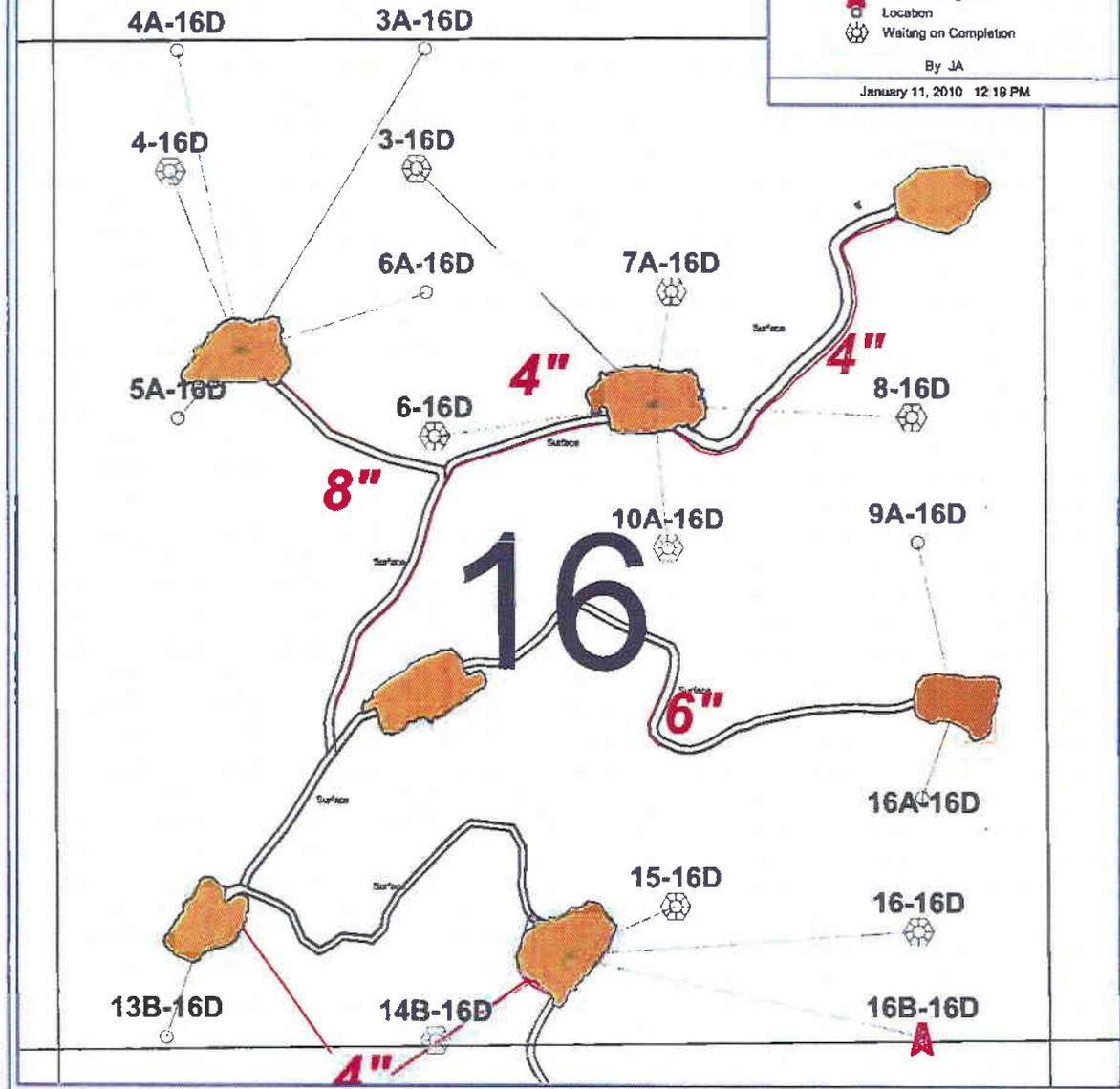
Prickly Pear Section 16



- WELL SYMBOLS
- ▲ Active Drilling Well
  - Location
  - ⊗ Waiting on Completion

By JA

January 11, 2010 12:18 PM





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

7. If Unit of CA/Agreement, Name and/or No

1. Type of Well

Oil Well  Gas Well  Other

Prickly Pear Unit/UTU-79487

Peter's Point Unit/UTU-63014

8. Well Name and No.  
See Attached

2. Name of Operator  
Bill Barrett Corporation

9. API Well No.

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

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

10. Field and Pool or Exploratory Area

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

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>Off-lease Water Treatment</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.)

Bill Barrett Corporation (BBC) is submitting this as an update to the previously submitted sundry dated 09/16/09. BBC will be also be treating produced water from Peter's Point unit, in addition to Prickly Pear unit, for re-use for the state water use. All necessary completions to meet additional water needs. A list and map of Peter's Point unit wells is attached.

If you have further questions, please contact me at 303-312-8134.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**  
**RECEIVED**  
FEB 16 2010

DIV. OF OIL, GAS & MINING

COA: Approval is granted to take the water produced by Peter's Point Federal wells to be treated by the temporary water treatment facility located on SI TLA lands in Sec. 16, T12S R15E through July 2010.

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

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 02/04/2010

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

Approved by

*Mary Henderson*

**Petroleum Engineer**

Date FEB 08 2010

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

**PRICE FIELD OFFICE**

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

(Instructions on page 2)

UDOGM

**COPY**

UWI/API	LABEL	Status
430073007000	5-14-PETERS POINT	GAS
430073002300	9-PTRS PT UNIT	GAS
430071539300	4-PTRS PT UNIT	GAS
430071539100	2-PTRS PT UNIT	GAS
430073076100	36-2-PtrsPtFed	GAS
430073076200	36-3-PtrPtFed	GAS
430073076300	36-4-PtrsPtFed	GAS
430071021600	1-PETERS POINT UNIT	GAS
430071021600	1-PETERS POINT UNIT	GAS
430073098200	11-6-13-17	GAS
430073096500	16-35-12-16	GAS
430073131800	16-27-12-16	GAS
430073127900	8-34-12-16	GAS
430073127500	6-35D-12-16	GAS
430073129300	7-1D-13-16 Ultra Dee	GAS
430073100500	16-31D-12-17	GAS
430073100400	16-6D-13-17	GAS
430073101000	2-36D-12-16	GAS
430073100900	12-31D-12-17	GAS
430073101100	9-36-12-16	GAS
430073081000	4-31D-12-17	GAS
430073085900	6-7D-13-17 Deep	GAS
430073102400	8-35D-12-16	GAS
430073081200	16-26D-12-16	GAS
430073076400	14-25D-12-16	GAS
430073115800	2-12D-13-16 Deep	GAS
430073127700	14-26D-12-16	GAS
430073128100	6-34D-12-16	GAS
430073127200	6-36-12-16	GAS
430073127100	3-36-12-16	GAS
430073117500	12-36D-12-16	GAS
430073117400	10-36D-12-16	GAS
430073126100	15-6D-13-17 Deep	GAS
430073104900	4-12D-13-16 Deep ST	GAS
430073141100	9-27D-12-16	GAS
430073140900	11-27D-12-16	GAS
430073141000	15-27D-12-16	GAS
430073140600	10-26D-12-16	GAS
430073140400	15-26D-12-16	GAS
430073140700	11-26D-12-16	GAS
430073135200	13-25D-12-16	GAS
430073140300	13-26D-12-16	GAS
430073140800	12-26D-12-16	GAS
430073142700	1-34D-12-16	GAS
430073142800	7-34D-12-16	GAS
430073140500	3-35D-12-16	GAS
430073134500	2-35D-12-16	GAS
430073136500	1-35D-12-16	GAS
430073147400	10-35D-12-16	WOC
430073147600	9-35D-12-16	WOC
430073142900	5-35D-12-16	GAS

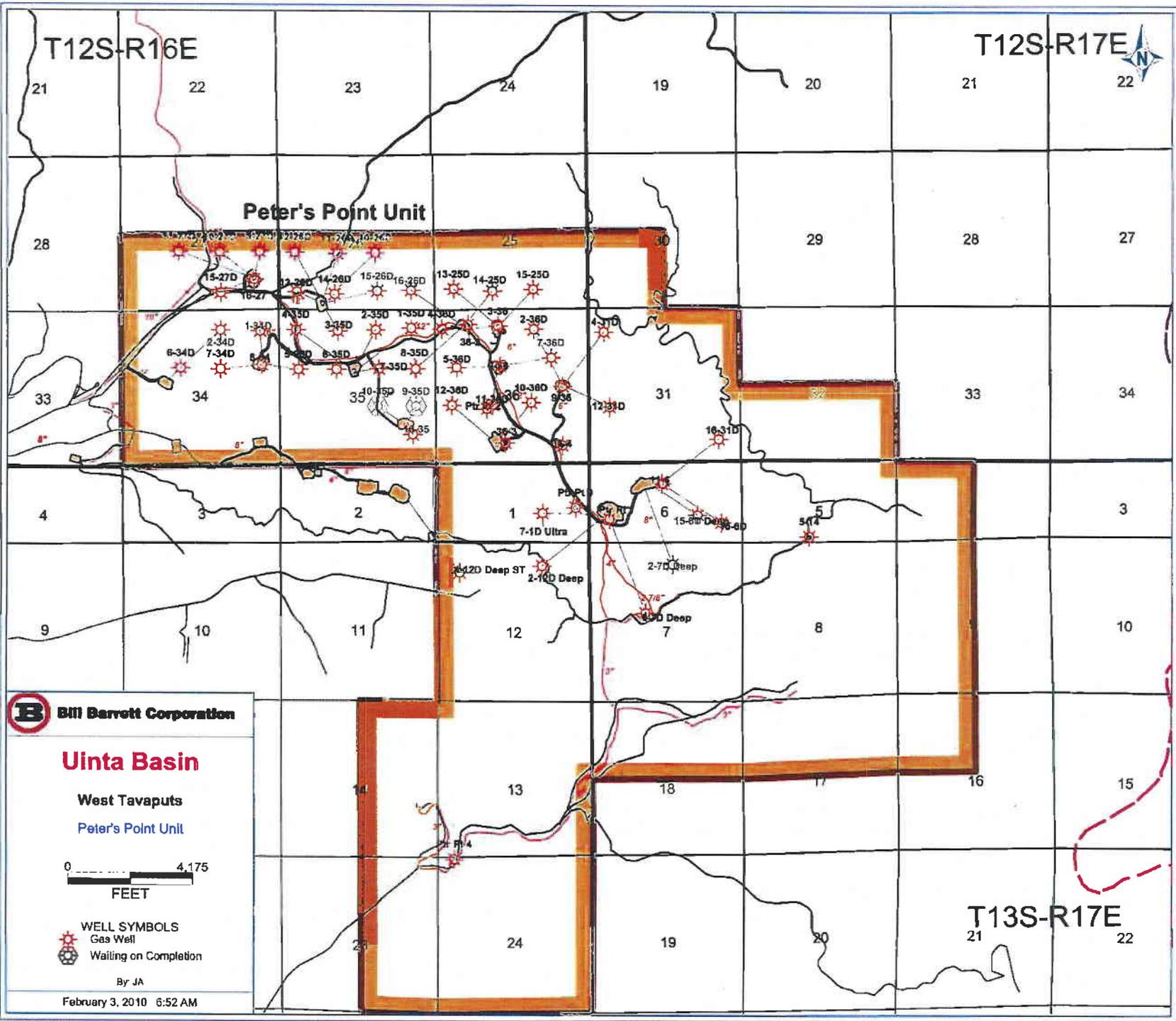
UWI/API	LABEL	Status
430073134700	4-35D-12-16	GAS
430073134600	7-35D-12-16	GAS
430073134800	7-36D-12-16	GAS
430073135000	5-36D-12-16	GAS
430073135100	15-25D-12-16	GAS
430073131900	10-27D-12-16	GAS
430073132600	2-7D-13-17 Deep	GAS
430073132000	2-34D-12-16	GAS
430073134900	11-36D-12-16	GAS
430073135300	4-36D-12-16	GAS

**PETER'S POINT UNIT**

**Status Legend**

GAS            Currently Producing  
WOC            Waiting on Completion

**Water could come from any of these GAS wells to be used in treatment process and reused for state completions.**



**B** Bill Barrett Corporation

**Uinta Basin**

West Tavaputs  
 Peter's Point Unit

0 ..... 4,175  
 FEET

**WELL SYMBOLS**  
 Gas Well (Red Star)  
 Waiting on Completion (Black Star)

By JA  
 February 3, 2010 6:52 AM

UIC206 7/1/2010 8:07:48 AM

## **WEST TAVAPUTS PILOT WATER TREATMENT FACILITY NESW, SECTION 16, T12S-R15E**

This is being submitted as notification that Bill Barrett Corporation (BBC) will be setting a temporary "pilot" water treatment facility within existing disturbance (no surface-laid lines are proposed) at the Prickly Pear Unit State 11-16 location. This facility will test the ability for BBC to reuse and recycle Prickly Pear unit water for approximately 16 state wells in Section 16 which are to be completed in 2010. It would also reduce truck traffic through Harmon Canyon associated with water hauling by approximately 16 trucks per day. Wells on Prickly Pear mesa generate approximately 1000 barrels of water per day (BWPD) and each well completion will take approximately 1300 BWPD. Any additional water needed for completion will come from currently approved water sources. This pilot facility will be in operation from January through July of 2010 and if successful, BBC will discuss the potential of making the facility permanent.

The process description is listed below and attachments to this proposal include proposed facility diagrams and maps and spreadsheets which indicate Prickly Pear wells involved with the water treatment process.

### **PROCESS DESCRIPTION**

BBC will use an electro-coagulation (EC) process which transmits an electrical current through the water between iron plates. Iron hydroxyl-oxide (IHO) is formed by the electrical current in the form of a floc which then adsorbs compounds in the water. Compounds bound to the IHO create larger floc/solids known as hematite. The hematite is then skimmed off and placed into a tank to be hauled off of to a state approved disposal facility and a pH buffer is added to the water to lower the pH for re-use.

The EC system will treat approximately 1000-1200 BWPD (including flow-back water) and will be stored in clean tanks adjacent to the system. There will be ten 450-bbl holding tanks (two inlet water and eight treated water), three 450-bbl weir (skim) tanks and the actual EC system. There will also be a small generator to power a pump on location to assist in keeping the water flowing through the system. The tank battery will be bermed and the berms will be constructed to contain at a minimum 120 percent of the storage capacity of the largest tank within the berm. Any load lines and valves will be placed inside the berm.

After completion operations have ceased within Section 16, water will once again be diverted back to BBC's permitted saltwater disposal well in Sec. 24, T12S-R14E or a request for a permanent facility may be filed.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 1/1/2014

<b>FROM:</b> (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202  Phone: 1 (303) 312-8134	<b>TO:</b> ( New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002  Phone: 1 (713) 659-3500
--------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------

WELL NAME	CA No.	SEC	TWN	RNG	API NO	Unit:	Peter Point	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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: ENERVEST OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list) QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: (see attached well list)
PHONE NUMBER: (713) 659-3500		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT: 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

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E	4300750325		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E	4300750329		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E	4300750331		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E	4300750332		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E	4300750333		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E	4300750334		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E	4300750335		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E	4300750336		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E	4300750338		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E	4300750339		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E	4300750340		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E	4300750341		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E	4300750342		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E	4300750343		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E	4300750344		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E	4300750345		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E	4300750346		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349		Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350		Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351		Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225	Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E	4300750120	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E	4300750121	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E	4300750122	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E	4300750149	2470	Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E	4300750150	2470	Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E	4300750192	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E	4300750193	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E	4300750194	14794	State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E	4300750196	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E	4300750197	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E	4300750198	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E	4300750199	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E	4300750200	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E	4300750201	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E	4300750203	14794	Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E	4300750204	14794	Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030	Federal	GW	P	

UDOGM CHANGE OF OPERATOR WELL LIST

STONE CABIN UNIT 1	13	120S	140E	4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E	4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E	4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E	4300730775	13158 State	GW	P	
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E	4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E	4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E	4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E	4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E	4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897 Federal	GW	P	
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E	4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E	4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E	4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719	State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794	State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794	State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794	State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068	Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E	4300731261	16103	Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E	4300731271	2470	Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E	4300731272	2470	Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470	Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470	Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470	Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E	4300731280	16069	State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470	Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224	Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E	4300731293	14692	Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794	Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794	Federal	GW	P	PRICKLY PEAR

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

## UDOGM CHANGE OF OPERATOR WELL LIST

PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E	4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E	4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E	4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E	4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794	Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470	Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470	Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470	Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470	Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E	4300750119	2470	Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E	4300750123	2470	Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E	4300750140	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E	4300750141	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E	4300750142	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E	4300750143	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E	4300750144	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E	4300750145	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E	4300750146	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E	4300750147	14794	Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E	4300750151	2470	Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E	4300750152	2470	Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347	Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350	Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346	Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348	Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470	Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349	Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470	Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470	Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E	4300750195	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E	4300750202	14794	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289	Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290	Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470	Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470	Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E	4300731017	14472	State	D	PA	

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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