

CONFIDENTIAL

COPY

Form 3160-3  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
UTU-73670

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

7. If Unit or CA Agreement, Name and No.  
Prickly Pear / UTU-79487

8. Lease Name and Well No.  
Prickly Pear Unit Federal 6-21D-12-15

9. API Well No.  
pending 43-007-31413

10. Field and Pool, or Exploratory  
Nine Mile/Wasatch-Mesaverde

11. Sec., T. R. M. or Blk. and Survey or Area  
Sec. 21, T12S-R15E

12. County or Parish  
Carbon County

13. State  
UT

1a. Type of work:  DRILL  REENTER

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

2. Name of Operator Bill Barrett Corporation

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface SWNW, 1574' FNL, 1288' FWL  
At proposed prod. zone SENW, 1882' FNL, 2159' FWL, Sec. 21

14. Distance in miles and direction from nearest town or post office\*  
approximately 46 miles from Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1288' SH / 1882' BH

16. No. of acres in lease  
1440

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 / 1300' BH

19. Proposed Depth  
7600' MD

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
7430' graded ground

22. Approximate date work will start\*  
08/15/2008

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

25. Signature *Tracey Fallang* Name (Printed/Typed) Tracey Fallang Date 5/19/08

Title Environmental/Regulatory Analyst

Approved by (Signature) *[Signature]* Name (Printed/Typed) BRADLEY G. HILL Date 05-28-08

Title *[Signature]* Off 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)

Federal Approval of this  
Action is Necessary

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MAY 22 2008

Surf

BHL

564600X

564866X

44014254

44013344

39.762181

39.761341

-110.245838

-110.242741

CAS & MINING

T12S, R15E, S.L.B.&M.

**BILL BARRETT CORPORATION**

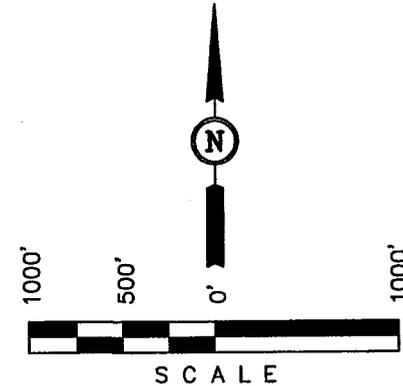
Well location, PRICKLY PEAR UNIT FEDERAL #6-21D-12-15, located as shown in the SW 1/4 NW 1/4 of Section 21, T12S, R15E, S.L.B.&M., Carbon County, Utah.

**BASIS OF ELEVATION**

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

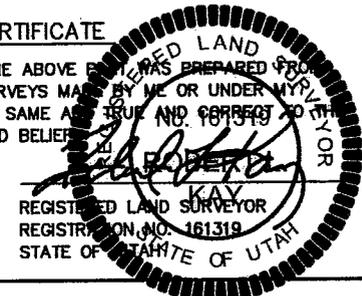
**BASIS OF BEARINGS**

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



**CERTIFICATE**

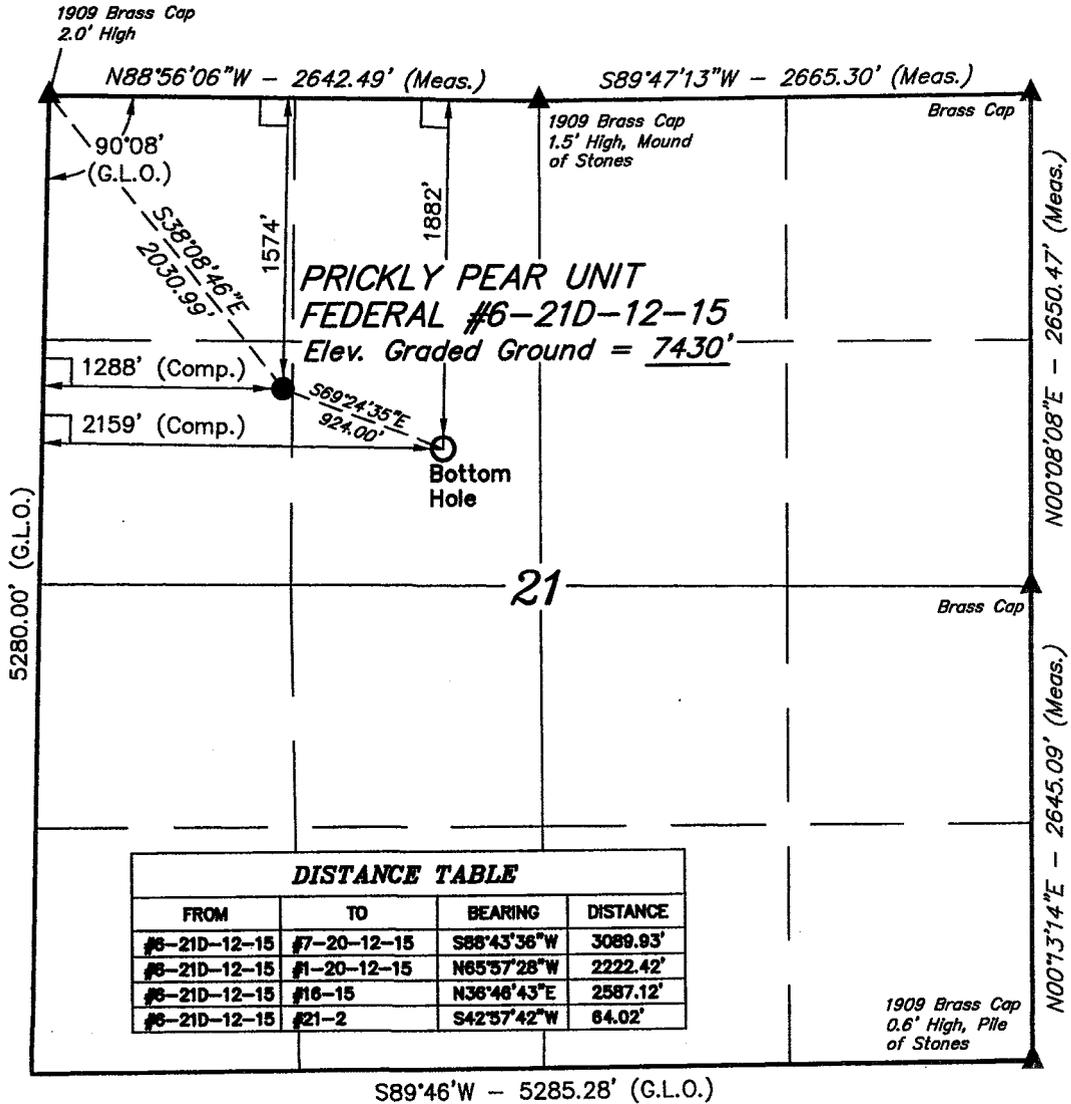
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 05-05-08

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

SCALE 1" = 1000'	DATE SURVEYED: 03-05-08	DATE DRAWN: 03-21-08
PARTY D.R. A.W. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



**PRICKLY PEAR UNIT FEDERAL #6-21D-12-15**  
 Elev. Graded Ground = 7430'

**DISTANCE TABLE**

FROM	TO	BEARING	DISTANCE
#6-21D-12-15	#7-20-12-15	S88°43'36"W	3089.93'
#6-21D-12-15	#1-20-12-15	N65°57'28"W	2222.42'
#6-21D-12-15	#16-15	N36°46'43"E	2587.12'
#6-21D-12-15	#21-2	S42°57'42"W	64.02'

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

<b>NAD 83 (TARGET BOTTOM HOLE)</b> LATITUDE = 39°45'40.46" (39.761239) LONGITUDE = 110°14'37.96" (110.243878)	<b>NAD 83 (SURFACE LOCATION)</b> LATITUDE = 39°45'43.66" (39.762128) LONGITUDE = 110°14'49.04" (110.246956)
<b>NAD 27 (TARGET BOTTOM HOLE)</b> LATITUDE = 39°45'40.59" (39.761275) LONGITUDE = 110°14'35.40" (110.243166)	<b>NAD 27 (SURFACE LOCATION)</b> LATITUDE = 39°45'43.79" (39.762164) LONGITUDE = 110°14'46.48" (110.246244)
<b>STATE PLANE NAD 27</b> N: 522575.38 E: 2353303.49	<b>STATE PLANE NAD 27</b> N: 522886.84 E: 2352433.84



May 19, 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  
Prickly Pear Unit Federal #6-21D-12-15  
SHL: 1574' FNL & 1288' FWL, SWNW 21-T12S-R15E  
BHL: 1882' FNL & 2159' FWL, SENW 21-T12S-R15E  
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 Prickly Pear Unit Area and within a Participating Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

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

Sincerely,

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

**RECEIVED**

**MAY 22 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

***Prickly Pear Unit Federal 6-21D-12-15***

SWNW, 1574' FNL, 1288' FWL, Sec. 21, T12S-R15E (surface hole)

SENW, 1882' FNL, 2159' FWL, Sec. 21, T12S-R15E (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	2877'*	2844'*
North Horn	4838'*	4761'*
Dark Canyon	6589'*	6495'*
Price River	6822'*	6728'*
TD	7600'*	7500'*

**PROSPECTIVE PAY**

\*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas.

3. **BOP and Pressure Containment Data**

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

4. **Casing Program**

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
12 ¼"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8" & 8 3/4"	surface	7,600'	5 ½"	17#	N-80	LT&C	New
			4 ½"	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 1480 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 1800 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 3705 psi\* and maximum anticipated surface pressure equals approximately 2055 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: August 15, 2008  
Spud: August 22, 2008  
Duration: 15 days drilling time  
30 days completion time

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

**Utah: West Tavaputs**

**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: 89 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

Cement top: Surface

**Burst**

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

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

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 (ft³)
1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.796	71.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	493	2020	4.094	2735	3520	1.29	31	453	14.64 J

Prepared Dominic Spencer  
 by: Bill Barrett

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

Date: August 1, 2003  
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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

**Design parameters:**

**Collapse**

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75.00 °F  
 Bottom hole temperature: 215 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 900 ft

**Burst**

Max anticipated surface

pressure: 4,705 psi  
 Internal gradient: 0.02 psi/ft  
 Calculated BHP 4,935 psi

Annular backup: 9.50 ppg

**Tension:**

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

Non-directional string.

Tension is based on buoyed weight.  
 Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	N-80	LT&C	10000	10000	4.767	344.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	6290	1.275	4705	7740	1.65	146	348	2.39 J

Prepared Dominic Spencer  
 by: Bill Barrett

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

Date: August 1, 2003  
 Denver, Colorado

Remarks:

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

Burst strength is not adjusted for tension.

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



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

Well Name: **Prickly Pear Unit Federal 6-21D-12-15**

### 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:	7,600'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1692.4	ft <sup>3</sup>
Lead Fill:	6,700'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	1135
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**Prickly Pear Unit Federal 6-21D-12-15 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 - (7600' - 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: 6,700'
0.125 lbm/sk Poly-E-Flake	Volume: 391.82 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1480 sks</b>



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Prickly Pear Unit Federal 6-21D-12-15

### 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:	7,600'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	2057.8	ft <sup>3</sup>
Lead Fill:	6,700'	

### Cement Data:

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

### Calculated # of Sacks:

# SK's Lead:	1380
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**Prickly Pear Unit Federal 6-21D-12-15 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 - (7600' - 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: 6,700'
0.125 lbm/sk Poly-E-Flake	Volume: 476.43 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1800 sks</b>



<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site:</b>	SECTION 21 T12S R15E	<b>North Reference:</b>	True
<b>Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PR PR 6-21D-12-15		
<b>Design:</b>	Design #1		

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

<b>Site</b>	SECTION 21 T12S R15E, SECTION 21				
<b>Site Position:</b>		<b>Northing:</b>	519,558.877 ft	<b>Latitude:</b>	39° 45' 10.660 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,354,150.355 ft	<b>Longitude:</b>	110° 14' 25.1000 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.81 °

<b>Well</b>	PRICKLY PEAR UF 6-21D-12-15					
<b>Well Position</b>	<b>+N/-S</b>	3,352.18 ft	<b>Northing:</b>	522,886.976 ft	<b>Latitude:</b>	39° 45' 43.790 N
	<b>+E/-W</b>	-1,669.88 ft	<b>Easting:</b>	2,352,433.823 ft	<b>Longitude:</b>	110° 14' 46.4800 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	7,430.00 ft

<b>Wellbore</b>	PR PR 6-21D-12-15				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	BGGM2007	4/1/2008	(°)	(°)	(nT)
			11.77	65.60	52,381

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	110.52

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Bulld Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,543.39	12.08	110.52	1,539.81	-17.80	47.57	2.50	2.50	0.00	110.52	
5,410.51	12.08	110.52	5,321.23	-301.57	805.82	0.00	0.00	0.00	0.00	
6,014.74	0.00	0.00	5,921.00	-323.82	865.28	2.00	-2.00	0.00	180.00	
7,423.74	0.00	0.00	7,330.00	-323.82	865.28	0.00	0.00	0.00	0.00	PBHL_PR PR 6-21D-



Database: Compass  
 Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Site: SECTION 21 T12S R15E  
 Well: PRICKLY PEAR UF 6-21D-12-15  
 Wellbore: PR PR 6-21D-12-15  
 Design: Design #1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:

Well PRICKLY PEAR UF 6-21D-12-15  
 WELL @ 7445.00ft (Original Well Elev)  
 WELL @ 7445.00ft (Original Well Elev)  
 True  
 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)	
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>Start Build 2.50</b>										
1,100.00	1.00	110.52	1,100.00	-0.12	0.33	0.35	2.50	2.50	0.00	
1,200.00	3.50	110.52	1,199.91	-1.50	4.00	4.27	2.50	2.50	0.00	
1,300.00	6.00	110.52	1,299.56	-4.40	11.76	12.55	2.50	2.50	0.00	
1,400.00	8.50	110.52	1,398.75	-8.82	23.58	25.17	2.50	2.50	0.00	
1,500.00	11.00	110.52	1,497.30	-14.76	39.44	42.11	2.50	2.50	0.00	
1,543.39	12.08	110.52	1,539.81	-17.80	47.57	50.79	2.50	2.50	0.00	
<b>Start 3867.12 hold at 1543.39 MD</b>										
1,600.00	12.08	110.52	1,595.17	-21.96	58.67	62.64	0.00	0.00	0.00	
1,700.00	12.08	110.52	1,692.95	-29.29	78.27	83.58	0.00	0.00	0.00	
1,800.00	12.08	110.52	1,790.74	-36.63	97.88	104.51	0.00	0.00	0.00	
1,900.00	12.08	110.52	1,888.52	-43.97	117.49	125.45	0.00	0.00	0.00	
2,000.00	12.08	110.52	1,986.31	-51.31	137.10	146.38	0.00	0.00	0.00	
2,100.00	12.08	110.52	2,084.09	-58.65	156.71	167.32	0.00	0.00	0.00	
2,200.00	12.08	110.52	2,181.87	-65.98	176.31	188.26	0.00	0.00	0.00	
2,300.00	12.08	110.52	2,279.66	-73.32	195.92	209.19	0.00	0.00	0.00	
2,400.00	12.08	110.52	2,377.44	-80.66	215.53	230.13	0.00	0.00	0.00	
2,500.00	12.08	110.52	2,475.22	-88.00	235.14	251.06	0.00	0.00	0.00	
2,600.00	12.08	110.52	2,573.01	-95.33	254.74	272.00	0.00	0.00	0.00	
2,700.00	12.08	110.52	2,670.79	-102.67	274.35	292.93	0.00	0.00	0.00	
2,800.00	12.08	110.52	2,768.58	-110.01	293.96	313.87	0.00	0.00	0.00	
2,877.13	12.08	110.52	2,844.00	-115.67	309.08	330.02	0.00	0.00	0.00	
<b>WASATCH</b>										
2,900.00	12.08	110.52	2,866.36	-117.35	313.57	334.81	0.00	0.00	0.00	
3,000.00	12.08	110.52	2,964.14	-124.69	333.17	355.74	0.00	0.00	0.00	
3,100.00	12.08	110.52	3,061.93	-132.02	352.78	376.68	0.00	0.00	0.00	
3,200.00	12.08	110.52	3,159.71	-139.36	372.39	397.61	0.00	0.00	0.00	
3,300.00	12.08	110.52	3,257.50	-146.70	392.00	418.55	0.00	0.00	0.00	
3,400.00	12.08	110.52	3,355.28	-154.04	411.60	439.48	0.00	0.00	0.00	
3,500.00	12.08	110.52	3,453.06	-161.38	431.21	460.42	0.00	0.00	0.00	
3,600.00	12.08	110.52	3,550.85	-168.71	450.82	481.36	0.00	0.00	0.00	
3,700.00	12.08	110.52	3,648.63	-176.05	470.43	502.29	0.00	0.00	0.00	
3,800.00	12.08	110.52	3,746.42	-183.39	490.04	523.23	0.00	0.00	0.00	
3,900.00	12.08	110.52	3,844.20	-190.73	509.64	544.16	0.00	0.00	0.00	
4,000.00	12.08	110.52	3,941.98	-198.07	529.25	565.10	0.00	0.00	0.00	
4,100.00	12.08	110.52	4,039.77	-205.40	548.86	586.03	0.00	0.00	0.00	
4,200.00	12.08	110.52	4,137.55	-212.74	568.47	606.97	0.00	0.00	0.00	
4,300.00	12.08	110.52	4,235.34	-220.08	588.07	627.91	0.00	0.00	0.00	
4,400.00	12.08	110.52	4,333.12	-227.42	607.68	648.84	0.00	0.00	0.00	
4,500.00	12.08	110.52	4,430.90	-234.76	627.29	669.78	0.00	0.00	0.00	
4,600.00	12.08	110.52	4,528.69	-242.09	646.90	690.71	0.00	0.00	0.00	
4,700.00	12.08	110.52	4,626.47	-249.43	666.50	711.65	0.00	0.00	0.00	
4,800.00	12.08	110.52	4,724.25	-256.77	686.11	732.58	0.00	0.00	0.00	
4,837.58	12.08	110.52	4,761.00	-259.53	693.48	740.45	0.00	0.00	0.00	
<b>NORTH HORN</b>										
4,900.00	12.08	110.52	4,822.04	-264.11	705.72	753.52	0.00	0.00	0.00	
5,000.00	12.08	110.52	4,919.82	-271.45	725.33	774.46	0.00	0.00	0.00	
5,100.00	12.08	110.52	5,017.61	-278.78	744.94	795.39	0.00	0.00	0.00	
5,200.00	12.08	110.52	5,115.39	-286.12	764.54	816.33	0.00	0.00	0.00	
5,300.00	12.08	110.52	5,213.17	-293.46	784.15	837.26	0.00	0.00	0.00	
5,400.00	12.08	110.52	5,310.96	-300.80	803.76	858.20	0.00	0.00	0.00	
5,410.51	12.08	110.52	5,321.23	-301.57	805.82	860.40	0.00	0.00	0.00	
<b>Start Drop -2.00</b>										



<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site:</b>	SECTION 21 T12S R15E	<b>North Reference:</b>	True
<b>Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PR PR 6-21D-12-15		
<b>Design:</b>	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,500.00	10.29	110.52	5,409.02	-307.66	822.08	877.77	2.00	-2.00	0.00
5,600.00	8.29	110.52	5,507.70	-313.32	837.21	893.92	2.00	-2.00	0.00
5,700.00	6.29	110.52	5,606.89	-317.77	849.10	906.61	2.00	-2.00	0.00
5,800.00	4.29	110.52	5,706.46	-321.00	857.74	915.84	2.00	-2.00	0.00
5,900.00	2.29	110.52	5,806.29	-323.01	863.13	921.59	2.00	-2.00	0.00
6,000.00	0.29	110.52	5,906.26	-323.81	865.24	923.85	2.00	-2.00	0.00
6,014.74	0.00	0.00	5,921.00	-323.82	865.28	923.89	2.00	-2.00	-749.54
<b>Start 1409.00 hold at 6014.74 MD</b>									
6,100.00	0.00	0.00	6,006.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,200.00	0.00	0.00	6,106.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,300.00	0.00	0.00	6,206.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,400.00	0.00	0.00	6,306.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,500.00	0.00	0.00	6,406.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,588.74	0.00	0.00	6,495.00	-323.82	865.28	923.89	0.00	0.00	0.00
<b>DARK CANYON</b>									
6,600.00	0.00	0.00	6,506.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,700.00	0.00	0.00	6,606.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,800.00	0.00	0.00	6,706.26	-323.82	865.28	923.89	0.00	0.00	0.00
6,821.74	0.00	0.00	6,728.00	-323.82	865.28	923.89	0.00	0.00	0.00
<b>PRICE RIVER</b>									
6,900.00	0.00	0.00	6,806.26	-323.82	865.28	923.89	0.00	0.00	0.00
7,000.00	0.00	0.00	6,906.26	-323.82	865.28	923.89	0.00	0.00	0.00
7,100.00	0.00	0.00	7,006.26	-323.82	865.28	923.89	0.00	0.00	0.00
7,189.74	0.00	0.00	7,096.00	-323.82	865.28	923.89	0.00	0.00	0.00
<b>PRICE RIVER 6840' SAND</b>									
7,200.00	0.00	0.00	7,106.26	-323.82	865.28	923.89	0.00	0.00	0.00
7,223.74	0.00	0.00	7,130.00	-323.82	865.28	923.89	0.00	0.00	0.00
<b>PRICE RIVER 6840' BASE</b>									
7,300.00	0.00	0.00	7,206.26	-323.82	865.28	923.89	0.00	0.00	0.00
7,400.00	0.00	0.00	7,306.26	-323.82	865.28	923.89	0.00	0.00	0.00
7,423.74	0.00	0.00	7,330.00	-323.82	865.28	923.89	0.00	0.00	0.00

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

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,877.13	2,844.00	WASATCH		0.00	
4,837.58	4,761.00	NORTH HORN		0.00	
6,588.74	6,495.00	DARK CANYON		0.00	
6,821.74	6,728.00	PRICE RIVER		0.00	
7,189.74	7,096.00	PRICE RIVER 6840' SAND		0.00	
7,223.74	7,130.00	PRICE RIVER 6840' BASE		0.00	



<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site:</b>	SECTION 21 T12S R15E	<b>North Reference:</b>	True
<b>Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PR PR 6-21D-12-15		
<b>Design:</b>	Design #1		

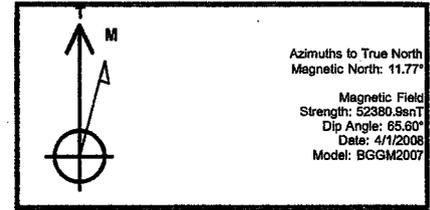
Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,060.00	1,060.00	0.00	0.00	Start Build 2.50
1,543.39	1,539.81	-17.80	47.57	Start 3867.12 hold at 1543.39 MD
5,410.51	5,321.23	-301.57	805.82	Start Drop -2.00
6,014.74	5,921.00	-323.82	865.28	Start 1409.00 hold at 6014.74 MD
7,423.74	7,330.00	-323.82	865.28	TD at 7423.74



Bill Barrett Corporation

PRICKLY PEAR UF 6-21D-12-15  
1574' FNL, 1288' FWL  
SECTION 21 T12S R15E  
CARBON COUNTY, UT  
Latitude: 39° 45' 43.790 N  
Longitude: 110° 14' 46.4800 W



Azimuths to True North  
Magnetic North: 11.77°

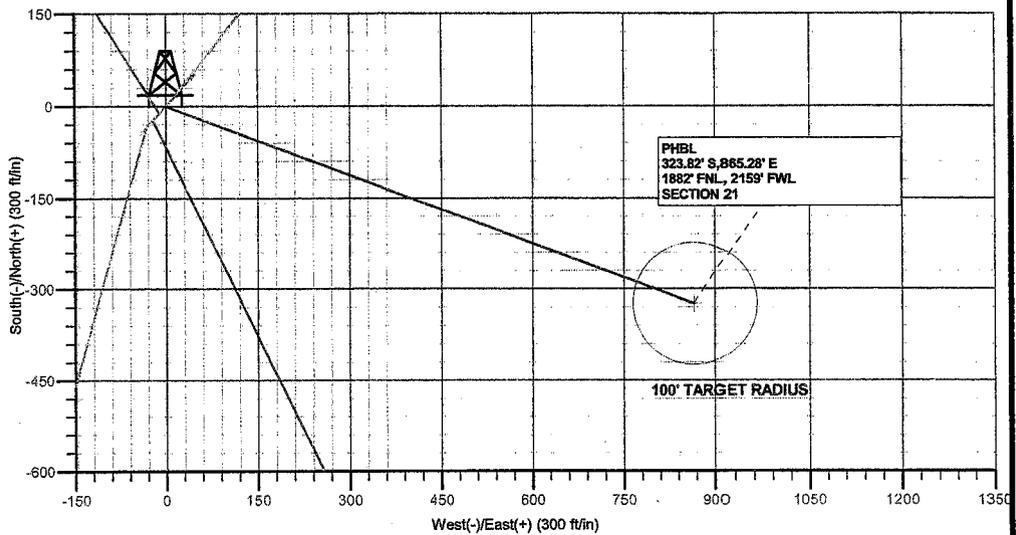
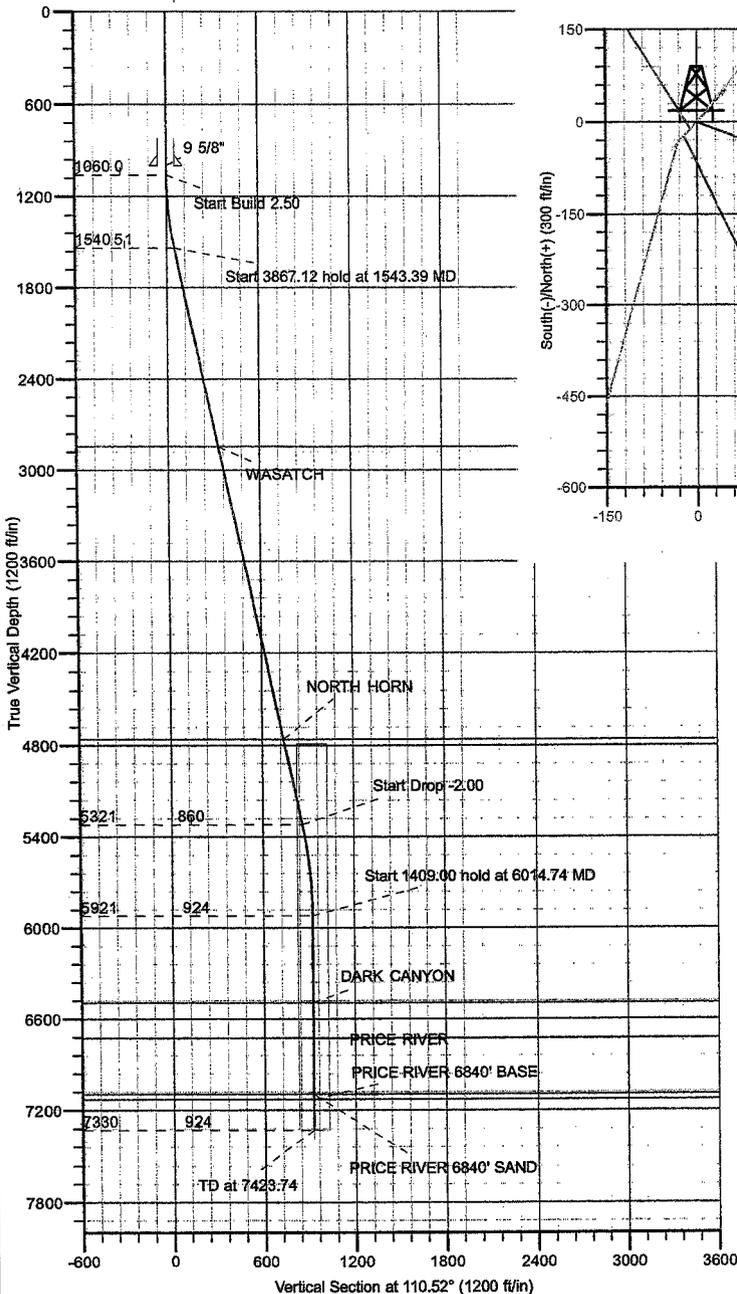
Magnetic Field  
Strength: 52380.8nT  
Dip Angle: 65.60°  
Date: 4/1/2008  
Model: BGGM2007

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	
2	1060.00	0.00	0.00	1060.00	0.00	0.00	0.00	0.00	0.00	
3	1543.39	12.08	110.52	1539.81	-17.80	47.57	2.50	110.52	50.79	
4	6410.51	12.08	110.52	5321.23	-301.57	805.82	0.00	0.00	860.40	
5	6014.74	0.00	0.00	5921.00	-323.82	865.28	2.00	180.00	923.89	
6	7423.74	0.00	0.00	7330.00	-323.82	865.28	0.00	0.00	923.89	PBHL_PR 6-21D-12-15

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)									
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL	7330.00	-323.76	865.30	522575.406	2353303.486	39° 45' 40.590 N	110° 14' 35.4000 W	Circle (Radius: 100.00)	



KB ELEV: WELL @ 7445.00ft (Original Well Elev)  
GRD ELEV: 7430.00



FORMATION TOP DETAILS		
TVDPATH	MDPATH	FORMATION
2844.00	2877.13	WASATCH
4761.60	4837.58	NORTH HORN
6495.00	6586.74	DARK CANYON
6728.00	6821.74	PRICE RIVER
7096.00	7189.74	PRICE RIVER 6840' SAND
7130.00	7223.74	PRICE RIVER 6840' BASE



**Bill Barrett Corporation**

**BILL BARRETT CORP**

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

**SECTION 21 T12S R15E**

**PRICKLY PEAR UF 6-21D-12-15**

**PR PR 6-21D-12-15**

**Design #1**

**Anticollision Report**

**15 May, 2008**



# BILL BARRETT CORPORATION

## Anticollision Report

<b>Company:</b> BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b> Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b> CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b> WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b> SECTION 21 T12S R15E	<b>MD Reference:</b> WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b> 0.00ft	<b>North Reference:</b> True
<b>Reference Well:</b> PRICKLY PEAR UF 6-21D-12-15	<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> PR PR 6-21D-12-15	<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>Error Model:</b> ISCWSA
<b>Depth Range:</b> 0.00 to 20,000.00ft	<b>Scan Method:</b> Closest Approach 3D
<b>Results Limited by:</b> Maximum center-center distance of 10,000.00ft	<b>Error Surface:</b> Elliptical Conic
<b>Warning Levels Evaluated at:</b> 2.00 Sigma	

<b>Survey Tool Program</b>	<b>Date</b> 5/15/2008	
<b>From (ft)</b>	<b>To (ft)</b>	<b>Description</b>
0.00	7,423.74	MWD - Standard
<b>Survey (Wellbore)</b>	<b>Tool Name</b>	
Design #1 (PR PR 6-21D-12-15)	MWD	

Site Name	Reference		Distance		Separation Factor	Warning
	Measured Depth (ft)	Offset Measured Depth (ft)	Between Centres (ft)	Between Ellipses (ft)		
<b>Offset Well - Wellbore - Design</b>						
SECTION 21 T12S R15E						
PRICKLY PEAR UF 11-21-12-15 - PR PR 11-21-12-15 -	234.33	234.33	31.41	30.61	39.511	CC
PRICKLY PEAR UF 11-21-12-15 - PR PR 11-21-12-15 -	300.00	299.79	31.57	30.50	29.310	ES
PRICKLY PEAR UF 11-21-12-15 - PR PR 11-21-12-15 -	1,060.00	1,056.21	77.12	72.43	16.449	SF
PRICKLY PEAR UF 12-21D-12-15 - PR PR 12-21D-12-1	233.40	233.40	47.01	46.22	59.447	CC, ES
PRICKLY PEAR UF 12-21D-12-15 - PR PR 12-21D-12-1	1,060.00	1,053.60	103.55	98.88	22.172	SF
PRICKLY PEAR UF 21-2 - PR PR UF 21-2 - PR PR UF 2	1,134.80	1,139.53	53.17	48.54	11.480	CC, ES
PRICKLY PEAR UF 21-2 - PR PR UF 21-2 - PR PR UF 2	1,300.00	1,304.35	56.53	51.20	10.618	SF
PRICKLY PEAR UF 3-21D-12-15 - PR PR 3-21D-12-15 -	1,060.00	1,060.00	16.34	11.84	3.626	CC, ES
PRICKLY PEAR UF 3-21D-12-15 - PR PR 3-21D-12-15 -	1,100.00	1,099.71	16.56	11.89	3.542	SF
PRICKLY PEAR UF 4-21D-12-15 - PR PR 4-21D-12-15 -	1,060.00	1,060.00	15.60	11.10	3.462	CC
PRICKLY PEAR UF 4-21D-12-15 - PR PR 4-21D-12-15 -	1,100.00	1,100.05	15.68	11.00	3.352	ES, SF

Offset Design SECTION 21 T12S R15E - PRICKLY PEAR UF 11-21-12-15 - PR PR 11-21-12-15 - Design #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
				Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)						
0.00	0.00	0.00	0.00	0.00	0.00	-137.83	-23.28	-21.09	31.41					
100.00	100.00	100.00	100.00	0.10	0.10	-137.83	-23.28	-21.09	31.41	31.22	0.19	164.392		
200.00	200.00	200.00	200.00	0.32	0.32	-137.83	-23.28	-21.09	31.41	30.77	0.64	49.029		
234.33	234.33	234.33	234.33	0.40	0.40	-137.83	-23.28	-21.09	31.41	30.61	0.79	39.511	CC	
300.00	300.00	299.79	299.79	0.55	0.53	-138.56	-23.67	-20.90	31.57	30.50	1.08	29.310	ES	
400.00	400.00	399.25	399.18	0.77	0.73	-144.09	-26.78	-19.39	33.07	31.57	1.50	22.092		
500.00	500.00	498.35	498.04	0.99	0.95	-153.55	-32.96	-16.40	36.87	34.92	1.94	18.971		
600.00	600.00	597.96	597.27	1.22	1.20	-162.81	-40.77	-12.62	42.77	40.35	2.41	17.716		
700.00	700.00	697.58	696.51	1.44	1.46	-169.70	-48.59	-8.83	49.51	46.61	2.90	17.075		
800.00	800.00	797.20	795.75	1.67	1.73	-174.88	-56.40	-5.05	56.79	53.40	3.39	16.738		
900.00	900.00	896.82	894.99	1.89	2.00	-178.87	-64.22	-1.27	64.43	60.54	3.89	16.562		
1,000.00	1,000.00	996.44	994.23	2.12	2.27	178.00	-72.03	2.52	72.31	67.92	4.39	16.475		
1,060.00	1,060.00	1,056.21	1,053.78	2.25	2.44	176.43	-76.72	4.79	77.12	72.43	4.69	16.449	SF	
1,100.00	1,100.00	1,095.01	1,092.41	2.34	2.55	65.08	-79.97	6.36	80.44	75.89	4.55	17.684		
1,200.00	1,199.91	1,191.20	1,187.87	2.53	2.84	64.30	-90.55	11.48	90.17	85.23	4.95	18.233		
1,300.00	1,299.56	1,286.76	1,282.14	2.74	3.18	64.93	-104.61	18.29	101.93	96.57	5.35	19.035		

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



# BILL BARRETT CORPORATION

## Anticollision Report

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<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>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SECTION 21 T12S R15E - PRICKLY PEAR UF 11-21-12-15 - PR PR 11-21-12-15 - Design #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Offset		Saml Major Axis			Distance		Minimum Separation (ft)	Separation Factor	Warning			
		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)
1,400.00	1,398.75	1,381.58	1,374.95	2.97	3.57	66.47	-122.06	26.73	115.75	109.97	5.78	20.021		
1,500.00	1,497.30	1,475.54	1,466.05	3.23	4.01	68.53	-142.73	36.74	131.76	125.52	6.24	21.113		
1,543.39	1,539.81	1,516.02	1,504.99	3.37	4.21	69.50	-152.67	41.55	139.42	132.97	6.45	21.600		
1,600.00	1,595.17	1,568.54	1,555.22	3.55	4.50	70.82	-166.49	48.24	150.32	143.57	6.75	22.268		
1,700.00	1,692.95	1,660.37	1,642.14	3.90	5.05	72.23	-193.13	61.13	172.39	165.10	7.28	23.677		
1,800.00	1,790.74	1,750.78	1,726.50	4.26	5.65	72.76	-222.39	75.30	197.85	190.03	7.81	25.318		
1,900.00	1,888.52	1,839.51	1,807.98	4.65	6.30	72.70	-254.00	90.60	226.55	218.21	8.34	27.171		
2,000.00	1,986.31	1,925.37	1,886.37	5.05	7.00	72.24	-287.67	106.90	258.40	249.55	8.84	29.222		
2,100.00	2,084.09	2,011.17	1,961.47	5.45	7.74	71.56	-323.10	124.05	293.32	284.00	9.32	31.469		
2,200.00	2,181.87	2,093.75	2,033.17	5.87	8.52	70.75	-359.98	141.90	331.26	321.49	9.77	33.911		
2,300.00	2,279.66	2,183.73	2,110.23	6.29	9.42	69.87	-401.78	162.14	371.12	360.93	10.19	36.406		
2,400.00	2,377.44	2,275.29	2,188.64	6.72	10.34	69.14	-444.34	182.74	411.08	400.48	10.60	38.769		
2,500.00	2,475.22	2,366.85	2,267.04	7.15	11.27	68.55	-486.90	203.34	451.08	440.08	11.00	41.001		
2,600.00	2,573.01	2,458.41	2,345.44	7.59	12.21	68.05	-529.46	223.94	491.12	479.73	11.39	43.115		
2,700.00	2,670.79	2,549.96	2,423.85	8.02	13.16	67.62	-572.02	244.54	531.19	519.42	11.77	45.126		
2,800.00	2,768.58	2,641.52	2,502.25	8.46	14.10	67.26	-614.58	265.15	571.27	559.13	12.14	47.047		
2,900.00	2,866.36	2,733.08	2,580.65	8.91	15.06	66.94	-657.14	285.75	611.37	598.87	12.50	48.891		
3,000.00	2,964.14	2,824.64	2,659.06	9.35	16.01	66.65	-699.70	306.35	651.49	638.63	12.86	50.667		
3,100.00	3,061.93	2,916.20	2,737.46	9.80	16.97	66.42	-742.26	326.95	691.62	678.42	13.20	52.384		
3,200.00	3,159.71	3,007.75	2,815.86	10.24	17.93	66.20	-784.82	347.55	731.76	718.22	13.54	54.051		
3,300.00	3,257.50	3,099.31	2,894.27	10.69	18.89	66.00	-827.38	368.16	771.90	758.04	13.86	55.675		
3,400.00	3,355.28	3,190.87	2,972.67	11.14	19.85	65.83	-869.94	388.76	812.05	797.87	14.18	57.262		
3,500.00	3,453.06	3,282.43	3,051.07	11.59	20.81	65.67	-912.50	409.36	852.21	837.72	14.49	58.820		
3,600.00	3,550.85	3,373.98	3,129.47	12.05	21.77	65.52	-955.06	429.96	892.37	877.59	14.79	60.354		
3,700.00	3,648.63	3,465.54	3,207.88	12.50	22.74	65.39	-997.62	450.56	932.54	917.47	15.07	61.873		
3,800.00	3,746.42	3,557.10	3,286.28	12.95	23.70	65.27	-1,040.18	471.17	972.71	957.36	15.35	63.380		
3,900.00	3,844.20	3,648.66	3,364.68	13.40	24.67	65.15	-1,082.74	491.77	1,012.89	997.28	15.61	64.883		
4,000.00	3,941.98	3,740.21	3,443.09	13.86	25.64	65.05	-1,125.30	512.37	1,053.06	1,037.20	15.86	66.389		
4,100.00	4,039.77	3,831.77	3,521.49	14.31	26.60	64.95	-1,167.86	532.97	1,093.24	1,077.14	16.10	67.905		
4,200.00	4,137.55	3,923.33	3,599.89	14.77	27.57	64.86	-1,210.42	553.57	1,133.43	1,117.10	16.32	69.439		
4,300.00	4,235.34	4,014.89	3,678.30	15.22	28.54	64.78	-1,252.98	574.17	1,173.61	1,157.08	16.53	71.002		
4,400.00	4,333.12	4,106.45	3,756.70	15.68	29.51	64.70	-1,295.54	594.78	1,213.80	1,197.08	16.72	72.605		
4,500.00	4,430.90	4,198.00	3,835.10	16.13	30.48	64.63	-1,338.10	615.38	1,253.99	1,237.10	16.89	74.262		
4,600.00	4,528.69	4,289.56	3,913.51	16.59	31.45	64.56	-1,380.66	635.98	1,294.18	1,277.15	17.03	75.995		
4,700.00	4,626.47	4,381.12	3,991.91	17.05	32.42	64.50	-1,423.22	656.58	1,334.37	1,317.22	17.14	77.832		
4,800.00	4,724.25	4,435.88	4,125.87	17.50	33.83	64.45	-1,465.78	677.17	1,373.38	1,356.56	16.82	81.633		
4,900.00	4,822.04	4,750.42	4,319.36	17.96	35.32	64.66	-1,576.19	730.63	1,405.30	1,388.76	16.53	84.998		
5,000.00	4,919.82	4,975.49	4,530.69	18.42	36.58	65.21	-1,645.63	764.24	1,428.75	1,410.81	17.94	79.657		
5,100.00	5,017.61	5,207.28	4,755.16	18.88	37.54	66.11	-1,697.29	789.25	1,443.27	1,423.08	20.18	71.518		
5,200.00	5,115.39	5,441.25	4,986.45	19.33	38.15	67.35	-1,728.49	804.36	1,448.67	1,425.97	22.70	63.819		
5,300.00	5,213.17	5,668.33	5,213.17	19.79	38.43	68.93	-1,738.33	809.12	1,445.08	1,403.81	41.27	35.015		
5,400.00	5,310.96	5,766.11	5,310.96	20.25	38.48	69.69	-1,738.33	809.12	1,437.54	1,395.42	42.12	34.130		
5,410.51	5,321.23	5,776.39	5,321.23	20.30	38.49	69.77	-1,738.33	809.12	1,436.76	1,394.55	42.21	34.039		
5,500.00	5,409.02	5,864.17	5,409.02	20.64	38.53	70.30	-1,738.33	809.12	1,430.73	1,387.95	42.78	33.446		
5,600.00	5,507.70	5,962.86	5,507.70	20.93	38.59	70.80	-1,738.33	809.12	1,425.29	1,381.99	43.30	32.917		
5,700.00	5,606.89	6,062.04	5,606.89	21.19	38.64	71.20	-1,738.33	809.12	1,421.12	1,377.37	43.75	32.483		
5,800.00	5,706.46	6,161.61	5,706.46	21.40	38.70	71.50	-1,738.33	809.12	1,418.16	1,374.04	44.12	32.140		
5,900.00	5,806.29	6,261.44	5,806.29	21.57	38.76	71.68	-1,738.33	809.12	1,416.34	1,371.92	44.42	31.885		
6,000.00	5,906.26	6,361.41	5,906.26	21.70	38.82	71.75	-1,738.33	809.12	1,415.63	1,371.00	44.64	31.714		
6,014.74	5,921.00	6,376.15	5,921.00	21.72	38.83	-177.73	-1,738.33	809.12	1,415.62	1,371.52	44.10	32.101		
6,100.00	6,006.26	6,461.41	6,006.26	21.82	38.86	-177.73	-1,738.33	809.12	1,415.62	1,371.33	44.29	31.960		
6,200.00	6,106.26	6,561.41	6,106.26	21.94	38.95	-177.73	-1,738.33	809.12	1,415.62	1,371.09	44.53	31.791		

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



# BILL BARRETT CORPORATION

## Anticollision Report

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<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>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SECTION 21 T12S R15E - PRICKLY PEAR UF 11-21-12-15 - PR PR 11-21-12-15 - 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		
6,300.00	6,206.26	6,661.41	6,206.26	22.07	39.01	-177.73	-1,738.33	809.12	1,415.62	1,370.85	44.77	31.621		
6,400.00	6,306.26	6,761.41	6,306.26	22.19	39.08	-177.73	-1,738.33	809.12	1,415.62	1,370.61	45.01	31.451		
6,500.00	6,406.26	6,861.41	6,406.26	22.32	39.14	-177.73	-1,738.33	809.12	1,415.62	1,370.37	45.25	31.281		
6,600.00	6,506.26	6,961.41	6,506.26	22.45	39.21	-177.73	-1,738.33	809.12	1,415.62	1,370.12	45.50	31.110		
6,700.00	6,606.26	7,061.41	6,606.26	22.58	39.28	-177.73	-1,738.33	809.12	1,415.62	1,369.87	45.75	30.940		
6,800.00	6,706.26	7,161.41	6,706.26	22.72	39.35	-177.73	-1,738.33	809.12	1,415.62	1,369.61	46.01	30.769		
6,900.00	6,806.26	7,261.41	6,806.26	22.85	39.42	-177.73	-1,738.33	809.12	1,415.62	1,369.36	46.27	30.598		
7,000.00	6,906.26	7,361.41	6,906.26	22.99	39.49	-177.73	-1,738.33	809.12	1,415.62	1,369.10	46.53	30.427		
7,100.00	7,006.26	7,461.41	7,006.26	23.13	39.56	-177.73	-1,738.33	809.12	1,415.62	1,368.83	46.79	30.256		
7,200.00	7,106.26	7,561.41	7,106.26	23.27	39.64	-177.73	-1,738.33	809.12	1,415.62	1,368.57	47.05	30.085		
7,300.00	7,206.26	7,661.41	7,206.26	23.41	39.72	-177.73	-1,738.33	809.12	1,415.62	1,368.30	47.32	29.914		
7,346.01	7,252.27	7,707.42	7,252.27	23.47	39.75	-177.73	-1,738.33	809.12	1,415.62	1,368.17	47.45	29.836		
7,400.00	7,306.26	7,723.15	7,288.00	23.55	39.76	-177.73	-1,738.33	809.12	1,416.14	1,368.59	47.55	29.784		
7,423.74	7,330.00	7,723.15	7,288.00	23.58	39.76	-177.73	-1,738.33	809.12	1,416.98	1,369.40	47.58	29.779		

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



# BILL BARRETT CORPORATION

## Anticollision Report

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** SECTION 21 T12S R15E  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 6-21D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** PR PR 6-21D-12-15  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 6-21D-12-15  
**TVD Reference:** WELL @ 7445.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7445.00ft (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 21 T12S R15E - PRICKLY PEAR UF 12-21D-12-15 - PR PR 12-21D-12-15 - 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 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	0.00	0.00	0.00	0.00	-137.07	-34.42	-32.02	47.01						
100.00	100.00	100.00	100.00	0.10	0.10	-137.07	-34.42	-32.02	47.01	46.82	0.19	246.045			
200.00	200.00	200.00	200.00	0.32	0.32	-137.07	-34.42	-32.02	47.01	46.37	0.64	73.382			
233.40	233.40	233.40	233.40	0.40	0.40	-137.07	-34.42	-32.02	47.01	46.22	0.79	59.447	CC, ES		
300.00	300.00	299.28	299.27	0.55	0.53	-137.30	-34.82	-32.13	47.39	46.31	1.08	44.069			
400.00	400.00	397.72	397.65	0.77	0.73	-139.06	-38.08	-33.04	50.47	48.98	1.49	33.861			
500.00	500.00	495.81	495.50	0.99	0.94	-141.99	-44.57	-34.84	56.75	54.81	1.93	29.329			
600.00	600.00	595.35	594.67	1.22	1.19	-144.93	-52.93	-37.16	64.89	62.48	2.41	26.953			
700.00	700.00	694.97	693.91	1.44	1.45	-147.21	-61.29	-39.48	73.16	70.27	2.89	25.299			
800.00	800.00	794.59	793.15	1.67	1.71	-149.03	-69.66	-41.81	81.53	78.15	3.38	24.104			
900.00	900.00	894.21	892.39	1.89	1.98	-150.51	-78.02	-44.13	89.96	86.09	3.88	23.208			
1,000.00	1,000.00	993.83	991.63	2.12	2.26	-151.73	-86.39	-46.45	98.44	94.07	4.37	22.516			
1,060.00	1,060.00	1,053.60	1,051.17	2.25	2.42	-152.37	-91.41	-47.85	103.55	98.88	4.67	22.172	SF		
1,100.00	1,100.00	1,092.09	1,089.50	2.34	2.53	-152.81	-94.83	-48.79	107.20	102.58	4.62	23.209			
1,200.00	1,199.91	1,186.75	1,183.47	2.53	2.82	-153.15	-105.82	-51.85	119.47	114.43	5.04	23.694			
1,300.00	1,299.56	1,280.15	1,275.84	2.74	3.15	-153.63	-120.33	-55.88	136.33	130.83	5.49	24.822			
1,400.00	1,398.75	1,371.89	1,365.50	2.97	3.52	-154.09	-138.08	-60.81	157.90	151.93	5.98	26.422			
1,500.00	1,497.30	1,461.59	1,452.59	3.23	3.92	-154.69	-158.78	-66.55	184.32	177.82	6.51	28.331			
1,543.39	1,539.81	1,500.00	1,489.61	3.37	4.10	-155.01	-168.64	-69.29	197.31	190.56	6.75	29.224			
1,600.00	1,595.17	1,549.05	1,536.62	3.55	4.37	-155.25	-182.11	-73.03	215.46	208.36	7.09	30.374			
1,700.00	1,692.95	1,634.56	1,617.83	3.90	4.85	-155.51	-207.89	-80.19	250.30	242.58	7.72	32.416			
1,800.00	1,790.74	1,718.02	1,696.08	4.26	5.37	-155.86	-235.84	-87.95	288.41	280.04	8.37	34.440			
1,900.00	1,888.52	1,800.00	1,771.87	4.65	5.92	-156.22	-265.96	-96.31	329.55	320.50	9.05	36.417			
2,000.00	1,986.31	1,878.25	1,843.12	5.05	6.50	-156.63	-297.13	-104.97	373.53	363.80	9.74	38.356			
2,100.00	2,084.09	1,954.84	1,911.74	5.45	7.12	-157.09	-329.88	-114.06	420.23	409.79	10.44	40.252			
2,200.00	2,181.87	2,032.72	1,980.39	5.87	7.77	-157.65	-365.33	-123.91	469.40	458.25	11.16	42.073			
2,300.00	2,279.66	2,119.41	2,056.46	6.29	8.52	-158.30	-405.38	-135.03	519.24	507.32	11.92	43.558			
2,400.00	2,377.44	2,206.09	2,132.53	6.72	9.29	-158.99	-445.43	-146.15	569.08	556.39	12.69	44.848			
2,500.00	2,475.22	2,292.78	2,208.60	7.15	10.06	-159.71	-485.48	-157.27	618.92	605.45	13.47	45.956			
2,600.00	2,573.01	2,379.46	2,284.67	7.59	10.83	-160.46	-525.53	-168.39	668.77	654.51	14.25	46.915			
2,700.00	2,670.79	2,466.15	2,360.74	8.02	11.61	-161.24	-565.58	-179.51	718.61	703.56	15.05	47.752			
2,800.00	2,768.58	2,552.84	2,436.81	8.46	12.39	-162.04	-605.63	-190.63	768.46	752.61	15.85	48.488			
2,900.00	2,866.36	2,639.52	2,512.88	8.91	13.17	-162.86	-645.68	-201.75	818.31	801.66	16.65	49.139			
3,000.00	2,964.14	2,726.21	2,588.95	9.35	13.95	-163.69	-685.73	-212.87	868.16	850.70	17.46	49.717			
3,100.00	3,061.93	2,812.89	2,665.02	9.80	14.74	-164.54	-725.77	-223.99	918.01	899.73	18.27	50.234			
3,200.00	3,159.71	2,899.58	2,741.09	10.24	15.53	-165.41	-765.82	-235.11	967.86	948.77	19.09	50.698			
3,300.00	3,257.50	2,986.26	2,817.16	10.69	16.32	-166.29	-805.87	-246.23	1,017.71	997.80	19.91	51.116			
3,400.00	3,355.28	3,072.95	2,893.23	11.14	17.11	-167.19	-845.92	-257.35	1,067.56	1,046.83	20.73	51.494			
3,500.00	3,453.06	3,159.63	2,969.30	11.59	17.90	-168.10	-885.97	-268.47	1,117.42	1,095.86	21.56	51.838			
3,600.00	3,550.85	3,246.32	3,045.37	12.05	18.69	-169.02	-926.02	-279.59	1,167.27	1,144.89	22.38	52.153			
3,700.00	3,648.63	3,333.00	3,121.44	12.50	19.48	-169.95	-966.07	-290.71	1,217.12	1,193.91	23.21	52.440			
3,800.00	3,746.42	3,419.69	3,197.51	12.95	20.28	-170.89	-1,006.12	-301.83	1,266.98	1,242.94	24.04	52.705			
3,900.00	3,844.20	3,506.37	3,273.58	13.40	21.07	-171.84	-1,046.17	-312.95	1,316.83	1,291.96	24.87	52.948			
4,000.00	3,941.98	3,593.06	3,349.65	13.86	21.87	-172.80	-1,086.22	-324.07	1,366.68	1,340.98	25.70	53.173			
4,100.00	4,039.77	3,679.74	3,425.73	14.31	22.66	-173.77	-1,126.26	-335.19	1,416.54	1,390.00	26.54	53.381			
4,200.00	4,137.55	3,766.43	3,501.80	14.77	23.46	-174.74	-1,166.31	-346.31	1,466.39	1,439.02	27.37	53.574			
4,300.00	4,235.34	3,853.11	3,577.87	15.22	24.25	-175.72	-1,206.36	-357.43	1,516.25	1,488.04	28.21	53.754			
4,400.00	4,333.12	3,939.80	3,653.94	15.68	25.05	-176.71	-1,246.41	-368.55	1,566.10	1,537.06	29.04	53.922			
4,500.00	4,430.90	4,026.48	3,730.01	16.13	25.85	-177.70	-1,286.46	-379.67	1,615.96	1,586.07	29.88	54.079			
4,600.00	4,528.69	4,113.17	3,806.08	16.59	26.64	-178.69	-1,326.51	-390.79	1,665.81	1,635.09	30.72	54.226			
4,700.00	4,626.47	4,199.85	3,882.15	17.05	27.44	-179.68	-1,366.56	-401.92	1,715.67	1,684.11	31.56	54.363			
4,800.00	4,724.25	4,286.54	3,958.22	17.50	28.24	-180.67	-1,406.61	-413.04	1,765.52	1,733.12	32.40	54.492			

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



# BILL BARRETT CORPORATION

## Anticollision Report

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<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>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SECTION 21 T12S R15E - PRICKLY PEAR UF 12-21D-12-15 - PR PR 12-21D-12-15 - 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		
4,900.00	4,822.04	4,373.22	4,034.29	17.96	29.04	107.17	-1,446.66	-424.16	1,815.38	1,782.14	33.24	54.614		
5,000.00	4,919.82	4,603.68	4,240.31	18.42	30.68	107.25	-1,545.98	-451.74	1,863.24	1,828.64	34.60	53.854		
5,100.00	5,017.61	4,964.65	4,580.73	18.88	32.45	107.99	-1,660.57	-483.55	1,899.84	1,863.54	36.30	52.343		
5,200.00	5,115.39	5,355.29	4,965.14	19.33	33.57	109.51	-1,724.95	-501.43	1,922.37	1,884.46	37.90	50.717		
5,300.00	5,213.17	5,603.58	5,213.17	19.79	33.85	110.86	-1,733.28	-503.74	1,931.78	1,892.66	39.12	49.386		
5,400.00	5,310.96	5,701.36	5,310.96	20.25	33.91	111.43	-1,733.28	-503.74	1,939.48	1,899.70	39.77	48.785		
5,410.51	5,321.23	5,711.64	5,321.23	20.30	33.91	111.49	-1,733.28	-503.74	1,940.30	1,900.46	39.84	48.702		
5,500.00	5,409.02	5,799.42	5,409.02	20.64	33.96	112.08	-1,733.28	-503.74	1,946.85	1,906.37	40.48	48.095		
5,600.00	5,507.70	5,898.11	5,507.70	20.93	34.02	112.63	-1,733.28	-503.74	1,953.06	1,911.99	41.07	47.551		
5,700.00	5,606.89	5,997.29	5,606.89	21.19	34.08	113.06	-1,733.28	-503.74	1,958.03	1,916.43	41.60	47.073		
5,800.00	5,706.46	6,096.86	5,706.46	21.40	34.15	113.37	-1,733.28	-503.74	1,961.66	1,919.63	42.05	46.656		
5,900.00	5,806.29	6,196.69	5,806.29	21.57	34.21	113.57	-1,733.28	-503.74	1,963.97	1,921.55	42.42	46.295		
6,000.00	5,906.26	6,296.66	5,906.26	21.70	34.28	113.65	-1,733.28	-503.74	1,964.88	1,922.15	42.73	45.985		
6,014.74	5,921.00	6,311.40	5,921.00	21.72	34.29	-135.83	-1,733.28	-503.74	1,964.89	1,922.69	42.20	46.564		
6,100.00	6,006.26	6,396.66	6,006.26	21.82	34.34	-135.83	-1,733.28	-503.74	1,964.89	1,922.50	42.40	46.347		
6,200.00	6,106.26	6,496.66	6,106.26	21.94	34.41	-135.83	-1,733.28	-503.74	1,964.89	1,922.26	42.63	46.089		
6,300.00	6,206.26	6,596.66	6,206.26	22.07	34.48	-135.83	-1,733.28	-503.74	1,964.89	1,922.02	42.87	45.830		
6,400.00	6,306.26	6,696.66	6,306.26	22.19	34.55	-135.83	-1,733.28	-503.74	1,964.89	1,921.77	43.12	45.571		
6,500.00	6,406.26	6,796.66	6,406.26	22.32	34.62	-135.83	-1,733.28	-503.74	1,964.89	1,921.53	43.36	45.311		
6,600.00	6,506.26	6,896.66	6,506.26	22.45	34.70	-135.83	-1,733.28	-503.74	1,964.89	1,921.28	43.61	45.051		
6,700.00	6,606.26	6,996.66	6,606.26	22.58	34.77	-135.83	-1,733.28	-503.74	1,964.89	1,921.02	43.87	44.791		
6,800.00	6,706.26	7,096.66	6,706.26	22.72	34.85	-135.83	-1,733.28	-503.74	1,964.89	1,920.77	44.13	44.530		
6,900.00	6,806.26	7,196.66	6,806.26	22.85	34.93	-135.83	-1,733.28	-503.74	1,964.89	1,920.51	44.38	44.269		
7,000.00	6,906.26	7,296.66	6,906.26	22.99	35.00	-135.83	-1,733.28	-503.74	1,964.89	1,920.24	44.65	44.009		
7,100.00	7,006.26	7,396.66	7,006.26	23.13	35.08	-135.83	-1,733.28	-503.74	1,964.89	1,919.98	44.91	43.749		
7,200.00	7,106.26	7,496.66	7,106.26	23.27	35.17	-135.83	-1,733.28	-503.74	1,964.89	1,919.71	45.18	43.488		
7,300.00	7,206.26	7,596.66	7,206.26	23.41	35.25	-135.83	-1,733.28	-503.74	1,964.89	1,919.44	45.45	43.229		
7,400.00	7,306.26	7,696.40	7,218.00	23.55	35.26	-135.83	-1,733.28	-503.74	1,966.87	1,921.26	45.62	43.117		
7,423.74	7,330.00	7,696.40	7,218.00	23.58	35.26	-135.83	-1,733.28	-503.74	1,966.08	1,922.43	45.65	43.110		

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



# BILL BARRETT CORPORATION

## Anticollision Report

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** SECTION 21 T12S R15E  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 6-21D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** PR PR 6-21D-12-15  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 6-21D-12-15  
**TVD Reference:** WELL @ 7445.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7445.00ft (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 21 T12S R15E - PRICKLY PEAR UF 21-2 - PR PR UF 21-2 - PR PR UF 21-2													Offset Site Error:	0.00 ft
Survey Program: 281-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	4.01	4.01	0.00	0.00	-137.08	-46.17	-42.93	63.04					
100.00	100.00	104.20	104.20	0.10	0.11	-137.08	-46.04	-42.82	62.88	62.67	0.21	304.761		
200.00	200.00	204.40	204.40	0.32	0.22	-137.08	-45.69	-42.49	62.40	61.86	0.54	116.065		
300.00	300.00	304.54	304.54	0.55	0.35	-137.08	-45.12	-41.96	61.62	60.72	0.90	68.713		
400.00	400.00	404.54	404.53	0.77	0.58	-137.08	-44.48	-41.36	60.74	59.40	1.35	45.127		
500.00	500.00	504.53	504.52	0.99	0.80	-137.08	-43.84	-40.77	59.87	58.07	1.80	33.348		
600.00	600.00	604.57	604.56	1.22	1.03	-137.08	-43.18	-40.16	58.97	56.72	2.24	26.271		
700.00	700.00	704.62	704.60	1.44	1.25	-137.07	-42.45	-39.49	57.98	55.29	2.69	21.521		
800.00	800.00	804.67	804.64	1.67	1.48	-137.07	-41.66	-38.75	56.90	53.75	3.14	18.099		
900.00	900.00	904.71	904.68	1.89	1.70	-137.07	-40.80	-37.95	55.72	52.13	3.59	15.508		
1,000.00	1,000.00	1,004.75	1,004.71	2.12	1.93	-137.07	-39.87	-37.09	54.45	50.41	4.04	13.470		
1,060.00	1,060.00	1,064.75	1,064.70	2.25	2.06	-137.07	-39.29	-36.55	53.67	49.36	4.31	12.446		
1,100.00	1,100.00	1,104.75	1,104.70	2.34	2.15	112.77	-38.91	-36.20	53.28	48.79	4.49	11.876		
1,134.80	1,134.78	1,139.53	1,139.48	2.40	2.23	113.65	-38.57	-35.89	53.17	48.54	4.63	11.480	CC, ES	
1,200.00	1,199.91	1,204.67	1,204.61	2.53	2.38	116.65	-37.95	-35.31	53.61	48.71	4.90	10.938		
1,300.00	1,299.56	1,304.35	1,304.29	2.74	2.60	124.19	-36.99	-34.42	56.53	51.20	5.32	10.618	SF	
1,400.00	1,398.75	1,403.60	1,403.52	2.97	2.83	133.76	-36.04	-33.54	63.27	57.52	5.75	11.007		
1,500.00	1,497.30	1,502.22	1,502.14	3.23	3.05	143.30	-35.09	-32.66	74.91	68.75	6.17	12.149		
1,543.39	1,539.81	1,544.77	1,544.69	3.37	3.15	147.03	-34.68	-32.28	81.62	75.28	6.34	12.868		
1,600.00	1,595.17	1,600.18	1,600.09	3.55	3.27	151.33	-34.15	-31.79	91.28	84.70	6.58	13.864		
1,700.00	1,692.95	1,698.06	1,697.96	3.90	3.49	157.01	-33.21	-30.92	109.27	102.26	7.01	15.587		
1,800.00	1,790.74	1,795.94	1,795.83	4.26	3.71	161.08	-32.27	-30.05	128.01	120.57	7.44	17.209		
1,900.00	1,888.52	1,893.82	1,893.71	4.65	3.93	164.10	-31.33	-29.18	147.21	139.35	7.87	18.709		
2,000.00	1,986.31	1,991.70	1,991.58	5.05	4.15	166.42	-30.39	-28.31	166.73	158.42	8.30	20.085		
2,100.00	2,084.09	2,089.78	2,089.65	5.45	4.37	168.28	-29.40	-27.39	186.41	177.67	8.74	21.338		
2,200.00	2,181.87	2,187.84	2,187.79	5.87	4.60	169.84	-28.22	-26.29	206.10	196.93	9.17	22.469		
2,300.00	2,279.66	2,285.85	2,285.69	6.29	4.82	171.15	-26.97	-25.13	225.87	216.26	9.61	23.501		
2,400.00	2,377.44	2,383.76	2,383.58	6.72	5.04	172.25	-25.71	-23.97	245.73	235.68	10.05	24.448		
2,500.00	2,475.22	2,481.67	2,481.47	7.15	5.26	173.18	-24.46	-22.81	265.66	255.17	10.49	25.319		
2,600.00	2,573.01	2,579.57	2,579.36	7.59	5.48	173.99	-23.21	-21.64	285.65	274.72	10.94	26.122		
2,700.00	2,670.79	2,677.48	2,677.26	8.02	5.70	174.69	-21.95	-20.48	305.69	294.31	11.38	26.863		
2,800.00	2,768.58	2,775.39	2,775.15	8.46	5.92	175.30	-20.70	-19.32	325.77	313.95	11.82	27.550		
2,900.00	2,866.36	2,873.30	2,873.04	8.91	6.15	175.84	-19.45	-18.16	345.88	333.61	12.27	28.186		
3,000.00	2,964.14	2,971.20	2,970.94	9.35	6.37	176.32	-18.19	-17.00	366.02	353.30	12.72	28.778		
3,100.00	3,061.93	3,069.11	3,068.83	9.80	6.59	176.75	-16.94	-15.84	386.18	373.01	13.17	29.329		
3,200.00	3,159.71	3,167.02	3,166.72	10.24	6.81	177.14	-15.69	-14.67	406.35	392.74	13.62	29.843		
3,300.00	3,257.50	3,264.93	3,264.61	10.69	7.03	177.50	-14.43	-13.51	426.55	412.48	14.07	30.324		
3,400.00	3,355.28	3,362.84	3,362.51	11.14	7.25	177.82	-13.18	-12.35	446.76	432.24	14.52	30.776		
3,500.00	3,453.06	3,460.74	3,460.40	11.59	7.47	178.11	-11.93	-11.19	466.98	452.01	14.97	31.199		
3,600.00	3,550.85	3,558.65	3,558.29	12.05	7.69	178.38	-10.67	-10.03	487.21	471.79	15.42	31.598		
3,700.00	3,648.63	3,656.56	3,656.19	12.50	7.92	178.62	-9.42	-8.87	507.45	491.57	15.87	31.973		
3,800.00	3,746.42	3,754.47	3,754.08	12.95	8.14	178.85	-8.17	-7.70	527.69	511.37	16.32	32.327		
3,900.00	3,844.20	3,852.37	3,851.97	13.40	8.36	179.06	-6.91	-6.54	547.95	531.17	16.78	32.661		
4,000.00	3,941.98	3,950.28	3,949.86	13.86	8.58	179.26	-5.66	-5.38	568.21	550.98	17.23	32.978		
4,100.00	4,039.77	4,048.27	4,047.84	14.31	8.80	179.44	-4.40	-4.21	588.48	570.79	17.68	33.277		
4,200.00	4,137.55	4,146.39	4,145.94	14.77	9.02	179.62	-3.09	-3.00	608.72	590.58	18.14	33.558		
4,300.00	4,235.34	4,244.52	4,244.05	15.22	9.25	179.79	-1.71	-1.72	628.94	610.34	18.59	33.824		
4,400.00	4,333.12	4,342.66	4,342.17	15.68	9.47	179.96	-0.27	-0.39	649.13	630.08	19.05	34.075		
4,500.00	4,430.90	4,440.81	4,440.30	16.13	9.69	-179.87	1.23	1.01	669.29	649.78	19.51	34.312		
4,600.00	4,528.69	4,538.96	4,538.43	16.59	9.91	-179.70	2.80	2.46	689.42	669.46	19.96	34.536		
4,700.00	4,626.47	4,637.12	4,636.56	17.05	10.14	-179.54	4.43	3.97	709.53	689.11	20.42	34.748		
4,800.00	4,724.25	4,735.29	4,734.71	17.50	10.36	-179.39	6.12	5.54	729.61	708.73	20.88	34.948		

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



# BILL BARRETT CORPORATION

## Anticollision Report

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<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>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SECTION 21 T12S R15E - PRICKLY PEAR UF 21-2 - PR PR UF 21-2 - PR PR UF 21-2	Offset Site Error:	0.00 ft
Survey Program: 281-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			
4,900.00	4,822.04	4,833.47	4,832.85	17.96	10.58	-179.23	7.87	7.16	749.67	728.33	21.33	35.139			
5,000.00	4,919.82	4,931.65	4,931.01	18.42	10.81	-179.08	9.68	8.84	769.70	747.91	21.79	35.320			
5,100.00	5,017.61	5,029.84	5,029.16	18.88	11.03	-178.92	11.55	10.58	789.71	767.45	22.25	35.491			
5,200.00	5,115.39	5,128.01	5,127.29	19.33	11.25	-178.78	13.48	12.36	809.69	786.96	22.71	35.663			
5,300.00	5,213.17	5,226.18	5,225.43	19.79	11.48	-178.63	15.45	14.19	829.66	806.49	23.17	35.808			
5,400.00	5,310.96	5,324.36	5,323.57	20.25	11.70	-178.49	17.48	16.07	849.60	825.97	23.63	35.955			
5,410.51	5,321.23	5,334.68	5,333.89	20.30	11.73	-178.47	17.70	16.27	851.70	828.02	23.68	35.970			
5,500.00	5,409.02	5,422.81	5,421.98	20.64	11.93	-178.35	19.56	18.00	868.16	844.02	24.14	35.970			
5,600.00	5,507.70	5,521.85	5,520.98	20.93	12.15	-178.21	21.71	19.99	883.27	858.67	24.60	35.904			
5,700.00	5,606.89	5,621.29	5,620.37	21.19	12.38	-178.06	23.92	22.04	894.91	869.88	25.04	35.746			
5,800.00	5,706.46	5,720.67	5,719.71	21.40	12.58	-177.91	26.11	24.07	903.10	877.68	25.42	35.530			
5,900.00	5,806.29	5,820.27	5,819.26	21.57	12.78	-177.75	28.24	26.05	907.83	882.06	25.77	35.229			
6,000.00	5,906.26	5,919.97	5,918.92	21.70	12.98	-177.59	30.32	27.97	909.12	883.03	26.09	34.844			
6,014.74	5,921.00	5,934.67	5,933.62	21.72	13.01	-67.05	30.62	28.25	909.02	882.36	26.65	34.104			
6,100.00	6,006.26	6,019.68	6,018.60	21.82	13.18	-66.91	32.34	29.84	908.22	881.24	26.98	33.658			
6,200.00	6,106.26	6,119.40	6,118.28	21.94	13.38	-66.75	34.30	31.66	907.32	879.95	27.37	33.150			
6,300.00	6,206.26	6,219.12	6,217.97	22.07	13.59	-66.60	36.20	33.42	906.45	878.70	27.76	32.656			
6,400.00	6,306.26	6,318.85	6,317.66	22.19	13.79	-66.45	38.04	35.13	905.62	877.47	28.15	32.175			
6,500.00	6,406.26	6,418.58	6,417.36	22.32	13.99	-66.30	39.82	36.78	904.82	876.28	28.54	31.707			
6,600.00	6,506.26	6,518.31	6,517.07	22.45	14.19	-66.16	41.54	38.37	904.05	875.12	28.93	31.251			
6,700.00	6,606.26	6,618.05	6,616.78	22.58	14.39	-66.03	43.20	39.92	903.31	873.99	29.32	30.806			
6,800.00	6,706.26	6,717.79	6,716.50	22.72	14.59	-65.89	44.81	41.40	902.60	872.89	29.71	30.377			
6,900.00	6,806.26	6,817.53	6,816.22	22.85	14.80	-65.77	46.35	42.84	901.93	871.82	30.11	29.957			
7,000.00	6,906.26	6,917.28	6,915.94	22.99	15.00	-65.65	47.84	44.21	901.28	870.77	30.50	29.548			
7,100.00	7,006.26	7,017.03	7,015.68	23.13	15.20	-65.53	49.27	45.54	900.66	869.77	30.90	29.149			
7,200.00	7,106.26	7,116.78	7,115.41	23.27	15.40	-65.42	50.64	46.81	900.08	868.78	31.30	28.781			
7,300.00	7,206.26	7,216.54	7,215.15	23.41	15.60	-65.31	51.95	48.02	899.52	867.83	31.69	28.383			
7,309.27	7,215.52	7,224.00	7,219.61	23.42	15.61	-65.30	52.00	48.07	899.48	867.76	31.72	28.357			
7,400.00	7,306.26	7,221.00	7,219.61	23.55	15.61	-65.30	52.00	48.07	904.04	872.14	31.90	28.342			
7,423.74	7,330.00	7,221.00	7,219.61	23.58	15.61	-65.30	52.00	48.07	906.73	874.78	31.94	28.385			

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



# BILL BARRETT CORPORATION

## Anticollision Report

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** SECTION 21 T12S R15E  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 6-21D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** PR PR 6-21D-12-15  
**Reference Design:** Design #1

**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 6-21D-12-15  
**TVD Reference:** WELL @ 7445.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7445.00ft (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 21 T12S R15E - PRICKLY PEAR UF 3-21D-12-15 - PR PR 3-21D-12-15 - 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	0.00	0.00	0.00	0.00	41.99	12.15	10.93	16.34					
100.00	100.00	100.00	100.00	0.10	0.10	41.99	12.15	10.93	16.34	16.15	0.19	85.540		
200.00	200.00	200.00	200.00	0.32	0.32	41.99	12.15	10.93	16.34	15.70	0.64	25.512		
300.00	300.00	300.00	300.00	0.55	0.55	41.99	12.15	10.93	16.34	15.25	1.09	14.992		
400.00	400.00	400.00	400.00	0.77	0.77	41.99	12.15	10.93	16.34	14.80	1.54	10.614		
500.00	500.00	500.00	500.00	0.99	0.99	41.99	12.15	10.93	16.34	14.35	1.99	8.216		
600.00	600.00	600.00	600.00	1.22	1.22	41.99	12.15	10.93	16.34	13.90	2.44	6.701		
700.00	700.00	700.00	700.00	1.44	1.44	41.99	12.15	10.93	16.34	13.45	2.89	5.658		
800.00	800.00	800.00	800.00	1.67	1.67	41.99	12.15	10.93	16.34	13.00	3.34	4.896		
900.00	900.00	900.00	900.00	1.89	1.89	41.99	12.15	10.93	16.34	12.56	3.79	4.315		
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	41.99	12.15	10.93	16.34	12.11	4.24	3.857		
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	41.99	12.15	10.93	16.34	11.84	4.51	3.626	CC, ES	
1,100.00	1,100.00	1,099.71	1,099.71	2.34	2.34	-89.71	12.42	11.15	16.56	11.89	4.68	3.542	SF	
1,200.00	1,199.91	1,198.83	1,198.75	2.53	2.56	-80.90	15.43	13.56	19.47	14.39	5.09	3.828		
1,300.00	1,299.56	1,297.42	1,296.99	2.74	2.79	-95.26	21.75	18.60	27.15	21.63	5.52	4.918		
1,400.00	1,398.75	1,395.09	1,393.90	2.97	3.02	-105.63	31.26	26.19	40.46	34.48	5.98	6.768		
1,500.00	1,497.30	1,491.51	1,488.97	3.23	3.28	-111.85	43.81	36.20	59.24	52.77	6.47	9.157		
1,543.39	1,539.81	1,532.87	1,529.52	3.37	3.40	-113.66	50.14	41.25	69.01	62.31	6.70	10.301		
1,600.00	1,595.17	1,586.44	1,581.82	3.55	3.57	-115.37	59.20	48.48	82.87	75.86	7.01	11.822		
1,700.00	1,692.95	1,680.04	1,672.50	3.90	3.91	-116.12	77.31	62.93	109.62	102.02	7.60	14.426		
1,800.00	1,790.74	1,772.07	1,760.67	4.26	4.30	-115.40	97.92	79.38	139.10	130.87	8.23	16.901		
1,900.00	1,888.52	1,862.31	1,846.02	4.65	4.74	-114.05	120.80	97.63	171.31	162.42	8.90	19.254		
2,000.00	1,986.31	1,950.52	1,928.28	5.05	5.23	-112.43	145.68	117.49	206.29	196.70	9.60	21.500		
2,100.00	2,084.09	2,038.36	2,008.97	5.45	5.78	-110.72	172.81	139.14	243.98	233.66	10.32	23.653		
2,200.00	2,181.87	2,130.42	2,093.17	5.87	6.39	-109.27	201.91	162.36	282.54	271.48	11.06	25.545		
2,300.00	2,279.66	2,222.48	2,177.38	6.29	7.03	-108.17	231.00	185.57	321.21	309.40	11.82	27.182		
2,400.00	2,377.44	2,314.55	2,261.58	6.72	7.69	-107.31	260.09	208.78	359.97	347.38	12.58	28.604		
2,500.00	2,475.22	2,406.61	2,345.78	7.15	8.36	-106.61	289.18	232.00	398.78	385.42	13.36	29.846		
2,600.00	2,573.01	2,498.67	2,429.99	7.59	9.04	-106.04	318.27	255.21	437.63	423.49	14.15	30.937		
2,700.00	2,670.79	2,590.73	2,514.19	8.02	9.72	-105.56	347.36	278.43	476.52	461.58	14.94	31.901		
2,800.00	2,768.58	2,682.60	2,598.40	8.46	10.42	-105.15	376.45	301.64	515.43	499.69	15.73	32.757		
2,900.00	2,866.36	2,774.86	2,682.60	8.91	11.12	-104.80	405.54	324.85	554.35	537.82	16.54	33.522		
3,000.00	2,964.14	2,866.92	2,766.81	9.35	11.82	-104.49	434.63	348.07	593.30	575.95	17.34	34.209		
3,100.00	3,061.93	2,958.99	2,851.01	9.80	12.52	-104.22	463.72	371.28	632.25	614.10	18.15	34.828		
3,200.00	3,159.71	3,051.05	2,935.22	10.24	13.23	-103.99	492.81	394.50	671.22	652.25	18.97	35.389		
3,300.00	3,257.50	3,143.11	3,019.42	10.69	13.94	-103.78	521.90	417.71	710.19	690.41	19.78	35.899		
3,400.00	3,355.28	3,235.17	3,103.83	11.14	14.65	-103.59	550.99	440.92	749.17	728.57	20.60	36.365		
3,500.00	3,453.06	3,327.24	3,187.83	11.59	15.37	-103.42	580.08	464.14	788.16	766.74	21.42	36.791		
3,600.00	3,550.85	3,419.30	3,272.03	12.05	16.09	-103.27	609.18	487.35	827.15	804.91	22.25	37.183		
3,700.00	3,648.63	3,511.36	3,356.24	12.50	16.80	-103.13	638.27	510.56	866.15	843.08	23.07	37.543		
3,800.00	3,746.42	3,603.43	3,440.44	12.95	17.52	-103.00	667.36	533.78	905.15	881.26	23.90	37.877		
3,900.00	3,844.20	3,695.49	3,524.65	13.40	18.24	-102.88	696.45	556.99	944.16	919.43	24.73	38.186		
4,000.00	3,941.98	3,801.67	3,621.93	13.86	19.03	-102.77	729.70	583.53	982.92	957.33	25.59	38.411		
4,100.00	4,039.77	3,933.65	3,744.68	14.31	19.79	-102.80	767.58	613.75	1,018.81	992.35	26.46	38.503		
4,200.00	4,137.55	4,069.32	3,873.05	14.77	20.50	-103.03	801.86	641.11	1,051.03	1,023.68	27.35	38.434		
4,300.00	4,235.34	4,208.19	4,006.45	15.22	21.15	-103.45	832.00	665.16	1,079.45	1,051.21	28.24	38.225		
4,400.00	4,333.12	4,349.71	4,144.15	15.68	21.72	-104.04	857.48	685.49	1,103.98	1,074.85	29.13	37.900		
4,500.00	4,430.90	4,493.25	4,285.29	16.13	22.21	-104.62	877.86	701.76	1,124.57	1,094.56	30.01	37.471		
4,600.00	4,528.69	4,638.12	4,428.87	16.59	22.59	-105.78	892.80	713.68	1,141.23	1,110.36	30.87	36.966		
4,700.00	4,626.47	4,783.59	4,573.84	17.05	22.88	-106.91	902.08	721.08	1,154.00	1,122.29	31.71	36.394		
4,800.00	4,724.25	4,928.91	4,719.07	17.50	23.07	-108.22	905.59	723.88	1,162.98	1,130.25	32.74	35.525		
4,900.00	4,822.04	5,031.87	4,822.04	17.96	23.16	-109.22	905.62	723.91	1,169.87	1,135.49	34.39	34.021		

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



<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wall Error:</b>	0.00ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SECTION 21 T12S R15E - PRICKLY PEAR UF 3-21D-12-15 - PR PR 3-21D-12-15 - 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 Tooface (")	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,919.82	5,129.66	4,919.82	18.42	23.26	-110.17	905.62	723.91	1,177.07	1,142.02	35.05	33.581		
5,100.00	5,017.61	5,227.44	5,017.61	18.88	23.35	-111.10	905.62	723.91	1,184.59	1,148.88	35.71	33.174		
5,200.00	5,115.39	5,325.22	5,115.39	19.33	23.45	-112.02	905.62	723.91	1,192.44	1,156.08	36.36	32.797		
5,300.00	5,213.17	5,423.01	5,213.17	19.79	23.55	-112.93	905.62	723.91	1,200.59	1,163.59	37.00	32.448		
5,400.00	5,310.96	5,520.79	5,310.96	20.25	23.65	-113.83	905.62	723.91	1,209.06	1,171.43	37.63	32.127		
5,410.51	5,321.23	5,531.07	5,321.23	20.30	23.66	-113.92	905.62	723.91	1,209.97	1,172.27	37.70	32.094		
5,500.00	5,409.02	5,618.85	5,409.02	20.64	23.75	-114.79	905.62	723.91	1,217.24	1,178.97	38.28	31.802		
5,600.00	5,507.70	5,717.54	5,507.70	20.93	23.85	-115.59	905.62	723.91	1,224.19	1,185.38	38.82	31.539		
5,700.00	5,606.89	5,816.72	5,606.89	21.19	23.96	-116.22	905.62	723.91	1,229.78	1,190.48	39.30	31.296		
5,800.00	5,706.46	5,916.29	5,706.46	21.40	24.07	-116.68	905.62	723.91	1,233.90	1,194.19	39.72	31.068		
5,900.00	5,806.29	6,016.12	5,806.29	21.57	24.18	-116.96	905.62	723.91	1,236.50	1,196.42	40.08	30.851		
6,000.00	5,906.26	6,116.09	5,906.26	21.70	24.29	-117.08	905.62	723.91	1,237.53	1,197.14	40.39	30.642		
6,014.74	5,921.00	6,130.83	5,921.00	21.72	24.30	-6.56	905.62	723.91	1,237.54	1,202.75	34.79	35.571		
6,100.00	6,006.26	6,216.09	6,006.26	21.82	24.40	-6.56	905.62	723.91	1,237.54	1,202.49	35.06	35.300		
6,200.00	6,106.26	6,316.09	6,106.26	21.94	24.52	-6.56	905.62	723.91	1,237.54	1,202.17	35.38	34.980		
6,300.00	6,206.26	6,416.09	6,206.26	22.07	24.63	-6.56	905.62	723.91	1,237.54	1,201.84	35.70	34.663		
6,400.00	6,306.26	6,516.09	6,306.26	22.19	24.75	-6.56	905.62	723.91	1,237.54	1,201.52	36.03	34.349		
6,500.00	6,406.26	6,616.09	6,406.26	22.32	24.87	-6.56	905.62	723.91	1,237.54	1,201.19	36.36	34.038		
6,600.00	6,506.26	6,716.09	6,506.26	22.45	24.99	-6.56	905.62	723.91	1,237.54	1,200.86	36.69	33.731		
6,700.00	6,606.26	6,816.09	6,606.26	22.58	25.11	-6.56	905.62	723.91	1,237.54	1,200.52	37.02	33.427		
6,800.00	6,706.26	6,916.09	6,706.26	22.72	25.24	-6.56	905.62	723.91	1,237.54	1,200.19	37.36	33.127		
6,900.00	6,806.26	7,016.09	6,806.26	22.85	25.36	-6.56	905.62	723.91	1,237.54	1,199.85	37.70	32.830		
7,000.00	6,906.26	7,116.09	6,906.26	22.99	25.49	-6.56	905.62	723.91	1,237.54	1,199.51	38.04	32.536		
7,100.00	7,006.26	7,216.09	7,006.26	23.13	25.62	-6.56	905.62	723.91	1,237.54	1,199.17	38.38	32.246		
7,200.00	7,106.26	7,316.09	7,106.26	23.27	25.75	-6.56	905.62	723.91	1,237.54	1,198.82	38.72	31.959		
7,300.00	7,206.26	7,416.09	7,206.26	23.41	25.88	-6.56	905.62	723.91	1,237.54	1,198.48	39.07	31.676		
7,400.00	7,306.26	7,516.09	7,306.26	23.55	26.01	-6.56	905.62	723.91	1,237.54	1,198.13	39.42	31.396		
7,423.74	7,330.00	7,539.83	7,330.00	23.58	26.04	-6.56	905.62	723.91	1,237.54	1,198.04	39.50	31.330		



# BILL BARRETT CORPORATION

## Anticollision Report

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<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>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SECTION 21 T12S R15E - PRICKLY PEAR UF 4-21D-12-15 - PR PR 4-21D-12-15 - 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 Tooface (")	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	0.00	0.00	0.00	0.00	-135.51	-11.13	-10.93	15.60					
100.00	100.00	100.00	100.00	0.10	0.10	-135.51	-11.13	-10.93	15.60	15.41	0.19	81.664		
200.00	200.00	200.00	200.00	0.32	0.32	-135.51	-11.13	-10.93	15.60	14.96	0.64	24.356		
300.00	300.00	300.00	300.00	0.55	0.55	-135.51	-11.13	-10.93	15.60	14.51	1.09	14.312		
400.00	400.00	400.00	400.00	0.77	0.77	-135.51	-11.13	-10.93	15.60	14.06	1.54	10.133		
500.00	500.00	500.00	500.00	0.99	0.99	-135.51	-11.13	-10.93	15.60	13.61	1.99	7.843		
600.00	600.00	600.00	600.00	1.22	1.22	-135.51	-11.13	-10.93	15.60	13.16	2.44	6.398		
700.00	700.00	700.00	700.00	1.44	1.44	-135.51	-11.13	-10.93	15.60	12.71	2.89	5.402		
800.00	800.00	800.00	800.00	1.67	1.67	-135.51	-11.13	-10.93	15.60	12.26	3.34	4.674		
900.00	900.00	900.00	900.00	1.89	1.89	-135.51	-11.13	-10.93	15.60	11.81	3.79	4.120		
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	-135.51	-11.13	-10.93	15.60	11.37	4.24	3.682		
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	-135.51	-11.13	-10.93	15.60	11.10	4.51	3.462 CC		
1,100.00	1,100.00	1,100.05	1,100.05	2.34	2.34	116.38	-10.83	-11.12	15.68	11.00	4.68	3.352 ES, SF		
1,200.00	1,199.91	1,199.75	1,199.66	2.53	2.57	140.08	-7.53	-13.21	18.24	13.16	5.09	3.587		
1,300.00	1,299.56	1,298.03	1,297.60	2.74	2.79	166.52	-0.70	-17.54	29.60	24.10	5.50	5.382		
1,400.00	1,398.75	1,393.95	1,392.77	2.97	3.02	-179.53	9.39	-23.93	51.23	45.31	5.92	8.660		
1,500.00	1,497.30	1,486.65	1,484.19	3.23	3.27	-172.77	22.32	-32.12	81.65	75.32	6.33	12.902		
1,543.39	1,539.81	1,525.69	1,522.49	3.37	3.39	-170.93	28.70	-36.16	97.33	90.82	6.51	14.957		
1,600.00	1,595.17	1,575.67	1,571.33	3.55	3.55	-169.14	37.67	-41.84	119.27	112.52	6.76	17.653		
1,700.00	1,692.95	1,681.78	1,684.89	3.90	3.86	-166.78	55.23	-52.96	160.68	153.47	7.20	22.303		
1,800.00	1,790.74	1,745.01	1,734.85	4.26	4.20	-165.01	74.71	-65.30	205.30	197.64	7.66	26.804		
1,900.00	1,888.52	1,825.29	1,811.15	4.65	4.58	-163.61	95.82	-78.66	252.99	244.87	8.12	31.159		
2,000.00	1,986.31	1,900.00	1,881.32	5.05	4.97	-162.49	117.47	-92.38	303.59	295.02	8.58	35.401		
2,100.00	2,084.09	1,976.91	1,952.65	5.45	5.44	-161.47	141.77	-107.77	356.92	347.86	9.06	39.412		
2,200.00	2,181.87	2,058.47	2,027.61	5.87	5.97	-160.56	168.91	-124.95	411.99	402.43	9.56	43.117		
2,300.00	2,279.66	2,141.75	2,104.15	6.29	6.54	-159.85	196.65	-142.52	467.15	457.10	10.05	46.485		
2,400.00	2,377.44	2,225.04	2,180.69	6.72	7.13	-159.29	224.38	-160.09	522.35	511.80	10.55	49.496		
2,500.00	2,475.22	2,308.32	2,257.23	7.15	7.72	-158.83	252.12	-177.65	577.58	566.51	11.06	52.201		
2,600.00	2,573.01	2,391.61	2,333.77	7.59	8.33	-158.46	279.86	-195.22	632.83	621.25	11.58	54.631		
2,700.00	2,670.79	2,474.89	2,410.31	8.02	8.95	-158.14	307.60	-212.79	688.10	675.99	12.11	56.823		
2,800.00	2,768.58	2,558.18	2,486.85	8.46	9.57	-157.87	335.34	-230.35	743.37	730.73	12.64	58.813		
2,900.00	2,866.36	2,641.46	2,563.39	8.91	10.20	-157.64	363.07	-247.92	798.66	785.49	13.17	60.625		
3,000.00	2,964.14	2,724.75	2,639.94	9.35	10.84	-157.44	390.81	-265.49	853.96	840.25	13.71	62.278		
3,100.00	3,061.93	2,808.04	2,716.48	9.80	11.47	-157.26	418.55	-283.05	909.26	895.01	14.25	63.792		
3,200.00	3,159.71	2,891.32	2,793.02	10.24	12.11	-157.11	446.29	-300.62	964.57	949.77	14.80	65.179		
3,300.00	3,257.50	2,974.61	2,869.56	10.69	12.76	-156.97	474.02	-318.19	1,019.88	1,004.53	15.35	66.454		
3,400.00	3,355.28	3,057.89	2,946.10	11.14	13.40	-156.84	501.76	-335.75	1,075.20	1,059.30	15.90	67.631		
3,500.00	3,453.06	3,141.18	3,022.64	11.59	14.05	-156.73	529.50	-353.32	1,130.52	1,114.07	16.45	68.720		
3,600.00	3,550.85	3,224.46	3,099.18	12.05	14.70	-156.63	557.24	-370.89	1,185.84	1,168.83	17.01	69.730		
3,700.00	3,648.63	3,307.75	3,175.72	12.50	15.35	-156.53	584.98	-388.45	1,241.16	1,223.60	17.56	70.669		
3,800.00	3,746.42	3,391.04	3,252.26	12.95	16.00	-156.45	612.71	-406.02	1,296.49	1,278.37	18.12	71.542		
3,900.00	3,844.20	3,474.32	3,328.80	13.40	16.65	-156.37	640.45	-423.59	1,351.82	1,333.13	18.68	72.356		
4,000.00	3,941.98	3,557.61	3,405.34	13.86	17.31	-156.30	668.19	-441.15	1,407.15	1,387.90	19.25	73.117		
4,100.00	4,039.77	3,640.89	3,481.89	14.31	17.96	-156.23	695.93	-458.72	1,462.48	1,442.67	19.81	73.831		
4,200.00	4,137.55	3,724.18	3,558.43	14.77	18.62	-156.17	723.67	-476.29	1,517.81	1,497.44	20.37	74.500		
4,300.00	4,235.34	3,808.61	3,703.45	15.22	19.64	-156.10	773.18	-507.64	1,571.64	1,550.52	21.12	74.414		
4,400.00	4,333.12	4,070.30	3,883.23	15.68	20.64	-156.14	824.19	-539.95	1,620.29	1,598.38	21.91	73.936		
4,500.00	4,430.90	4,273.29	4,079.58	16.13	21.53	-156.31	867.53	-567.40	1,663.05	1,640.34	22.71	73.236		
4,600.00	4,528.69	4,488.77	4,291.44	16.59	22.26	-156.61	900.55	-588.31	1,699.31	1,675.83	23.48	72.370		
4,700.00	4,626.47	4,715.30	4,516.85	17.05	22.78	-157.05	920.67	-601.05	1,728.55	1,704.34	24.21	71.395		
4,800.00	4,724.25	4,923.03	4,724.25	17.50	23.04	-157.56	925.91	-604.37	1,750.45	1,725.60	24.84	70.460		
4,900.00	4,822.04	5,020.82	4,822.04	17.96	23.13	-157.82	925.91	-604.37	1,769.88	1,744.58	25.30	69.966		

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



# BILL BARRETT CORPORATION

## Anticollision Report

**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Reference Site:** SECTION 21 T12S R15E  
**Site Error:** 0.00ft  
**Reference Well:** PRICKLY PEAR UF 6-21D-12-15  
**Well Error:** 0.00ft  
**Reference Wellbore:** PR PR 6-21D-12-15  
**Reference Design:** Design #1

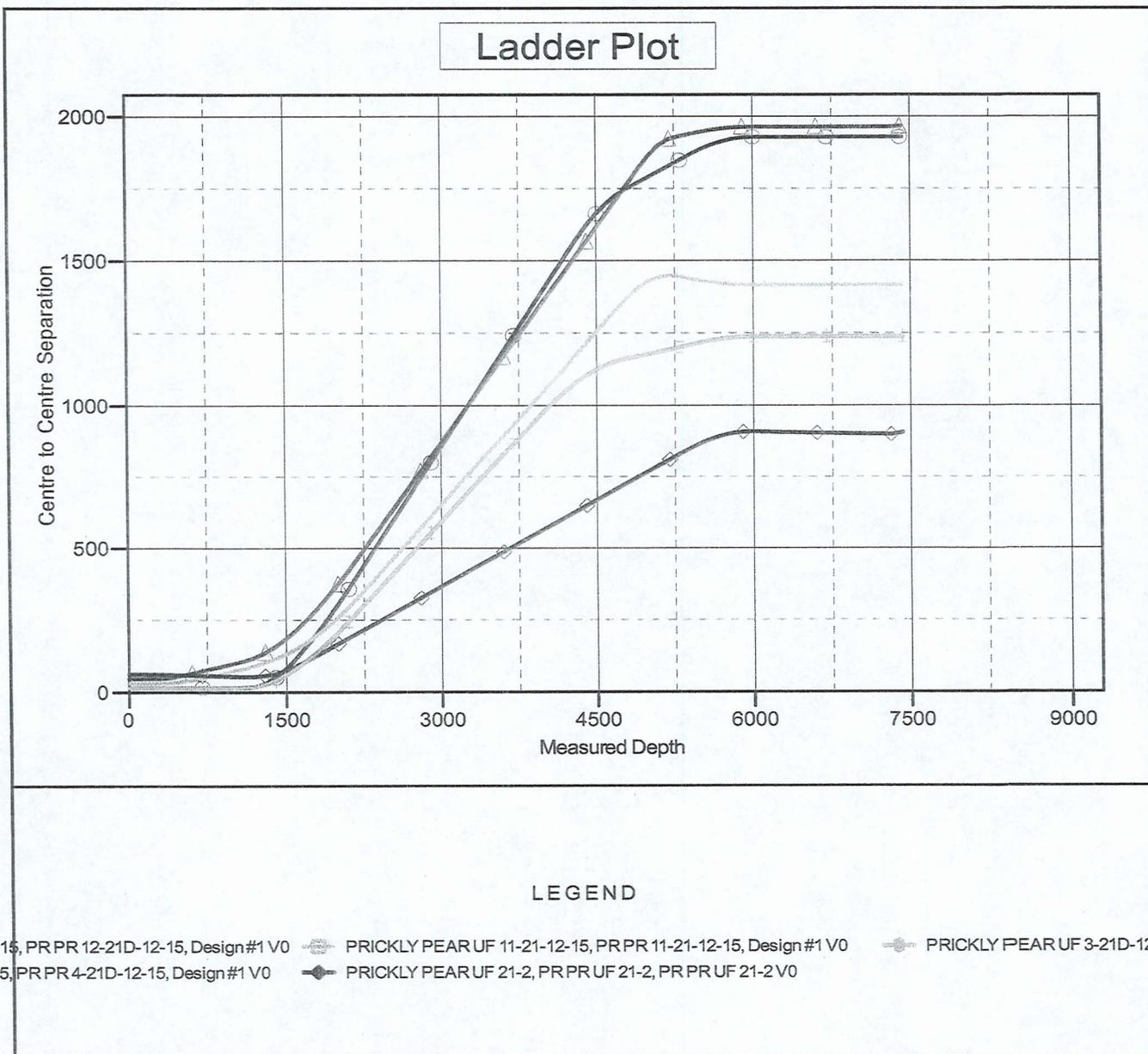
**Local Co-ordinate Reference:** Well PRICKLY PEAR UF 6-21D-12-15  
**TVD Reference:** WELL @ 7445.00ft (Original Well Elev)  
**MD Reference:** WELL @ 7445.00ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at:** 2.00 sigma  
**Database:** Compass  
**Offset TVD Reference:** Offset Datum

SECTION 21 T12S R15E - PRICKLY PEAR UF 4-21D-12-15 - PR PR 4-21D-12-15 - Design #1													Offset Site Error:	0.00 ft	
Survey Program: D-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 Tooffset (")	Offset-Wellbore Centre		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
							+N/-S (ft)	+E/-W (ft)							
5,000.00	4,919.82	5,118.60	4,919.82	18.42	23.22	-158.07	925.91	-604.37	1,789.34	1,763.58	25.76	69.469			
5,100.00	5,017.61	5,216.38	5,017.61	18.88	23.32	-158.32	925.91	-604.37	1,808.84	1,782.62	26.22	68.990			
5,200.00	5,115.39	5,314.17	5,115.39	19.33	23.42	-158.56	925.91	-604.37	1,828.37	1,801.69	26.68	68.526			
5,300.00	5,213.17	5,411.95	5,213.17	19.79	23.51	-158.80	925.91	-604.37	1,847.93	1,820.78	27.14	68.081			
5,400.00	5,310.96	5,509.74	5,310.96	20.25	23.62	-159.03	925.91	-604.37	1,867.52	1,839.91	27.61	67.651			
5,410.51	5,321.23	5,520.01	5,321.23	20.30	23.63	-159.06	925.91	-604.37	1,869.58	1,841.92	27.65	67.606			
5,500.00	5,409.02	5,607.80	5,409.02	20.64	23.72	-159.36	925.91	-604.37	1,885.85	1,857.64	28.21	66.849			
5,600.00	5,507.70	5,706.48	5,507.70	20.93	23.82	-159.64	925.91	-604.37	1,901.00	1,872.23	28.77	66.089			
5,700.00	5,606.89	5,805.67	5,606.89	21.19	23.93	-159.85	925.91	-604.37	1,912.93	1,883.63	29.29	65.304			
5,800.00	5,706.46	5,905.23	5,706.46	21.40	24.04	-160.01	925.91	-604.37	1,921.60	1,891.83	29.77	64.551			
5,900.00	5,806.29	6,005.06	5,806.29	21.57	24.15	-160.10	925.91	-604.37	1,927.00	1,896.80	30.20	63.807			
6,000.00	5,906.26	6,105.03	5,906.26	21.70	24.26	-160.14	925.91	-604.37	1,929.13	1,898.54	30.59	63.068			
6,014.74	5,921.00	6,119.78	5,921.00	21.72	24.28	-49.62	925.91	-604.37	1,929.16	1,908.13	21.03	91.712			
6,100.00	6,006.26	6,205.03	6,006.26	21.82	24.38	-49.62	925.91	-604.37	1,929.16	1,907.64	21.52	89.636			
6,200.00	6,106.26	6,305.03	6,106.26	21.94	24.50	-49.62	925.91	-604.37	1,929.16	1,907.08	22.08	87.361			
6,300.00	6,206.26	6,405.03	6,206.26	22.07	24.61	-49.62	925.91	-604.37	1,929.16	1,906.53	22.63	85.240			
6,400.00	6,306.26	6,505.03	6,306.26	22.19	24.73	-49.62	925.91	-604.37	1,929.16	1,905.99	23.17	83.252			
6,500.00	6,406.26	6,605.03	6,406.26	22.32	24.85	-49.62	925.91	-604.37	1,929.16	1,905.46	23.70	81.383			
6,600.00	6,506.26	6,705.03	6,506.26	22.45	24.97	-49.62	925.91	-604.37	1,929.16	1,904.93	24.23	79.619			
6,700.00	6,606.26	6,805.03	6,606.26	22.58	25.10	-49.62	925.91	-604.37	1,929.16	1,904.41	24.75	77.949			
6,800.00	6,706.26	6,905.03	6,706.26	22.72	25.22	-49.62	925.91	-604.37	1,929.16	1,903.90	25.26	76.364			
6,900.00	6,806.26	7,005.03	6,806.26	22.85	25.35	-49.62	925.91	-604.37	1,929.16	1,903.39	25.77	74.866			
7,000.00	6,906.26	7,105.03	6,906.26	22.99	25.48	-49.62	925.91	-604.37	1,929.16	1,902.89	26.28	73.418			
7,100.00	7,006.26	7,205.03	7,006.26	23.13	25.61	-49.62	925.91	-604.37	1,929.16	1,902.39	26.78	72.045			
7,200.00	7,106.26	7,305.03	7,106.26	23.27	25.74	-49.62	925.91	-604.37	1,929.16	1,901.89	27.27	70.731			
7,300.00	7,206.26	7,405.03	7,206.26	23.41	25.87	-49.62	925.91	-604.37	1,929.16	1,901.39	27.77	69.472			
7,364.44	7,270.70	7,469.48	7,270.70	23.50	25.95	-49.62	925.91	-604.37	1,929.16	1,901.08	28.09	68.887			
7,400.00	7,306.26	7,498.78	7,300.00	23.55	25.99	-49.62	925.91	-604.37	1,929.17	1,900.93	28.24	68.310			
7,423.74	7,330.00	7,498.78	7,300.00	23.58	25.99	-49.62	925.91	-604.37	1,929.40	1,901.11	28.29	68.207			

<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<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>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

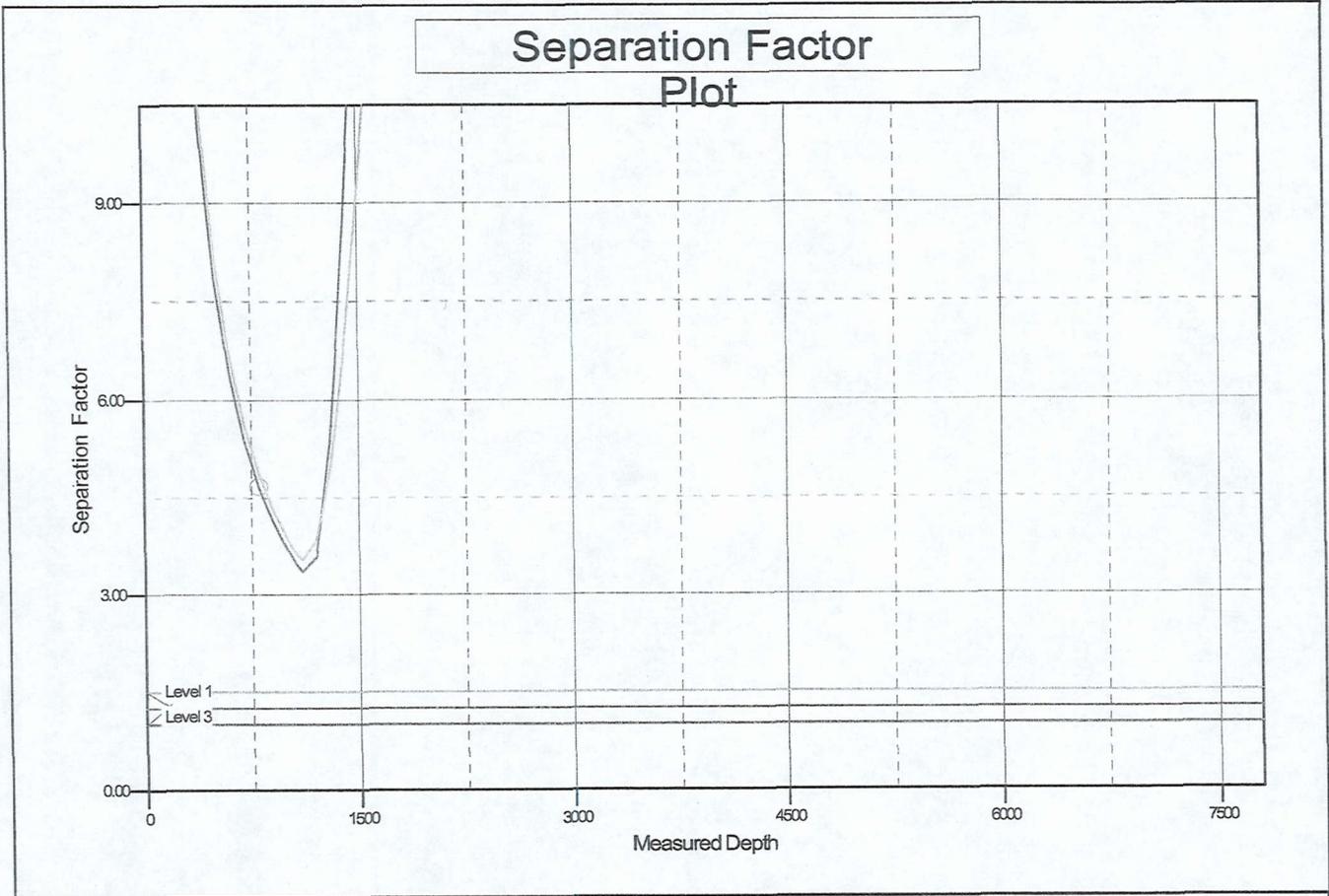
Reference Depths are relative to WELL @ 7445.00ft (Original Well Ele)  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 111° 30' 0.0000 W °

Coordinates are relative to: PRICKLY PEAR UF 6-21D-12-15  
 Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Grid Convergence at Surface is: 0.80°



<b>Company:</b>	BILL BARRETT CORP	<b>Local Co-ordinate Reference:</b>	Well PRICKLY PEAR UF 6-21D-12-15
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>TVD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Reference Site:</b>	SECTION 21 T12S R15E	<b>MD Reference:</b>	WELL @ 7445.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PRICKLY PEAR UF 6-21D-12-15	<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>	PR PR 6-21D-12-15	<b>Database:</b>	Compass
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 7445.00ft (Original Well Ele)      Coordinates are relative to: PRICKLY PEAR UF 6-21D-12-15  
 Offset Depths are relative to Offset Datum      Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
 Central Meridian is 111° 30' 0.0000 W °      Grid Convergence at Surface is: 0.80°



**LEGEND**

- 15, PR PR 12-21D-12-15, Design#1 V0
- PRICKLY PEAR UF 11-21-12-15, PRPR 11-21-12-15, Design#1 V0
- PRICKLY PEAR UF 3-21D-12-15
- 5, PR PR 4-21D-12-15, Design#1 V0
- PRICKLY PEAR UF 21-2, PRPR UF 21-2, PRPRUF 21-2 V0

## PRESSURE CONTROL EQUIPMENT – Schematic Attached

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

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

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

**C. Testing Procedure:**

### Annular Preventer

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

At a minimum the above pressure test will be performed:

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

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

### Blow-Out Preventer

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

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

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

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

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

#### **D. Choke Manifold Equipment:**

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

#### **E. Accumulator:**

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

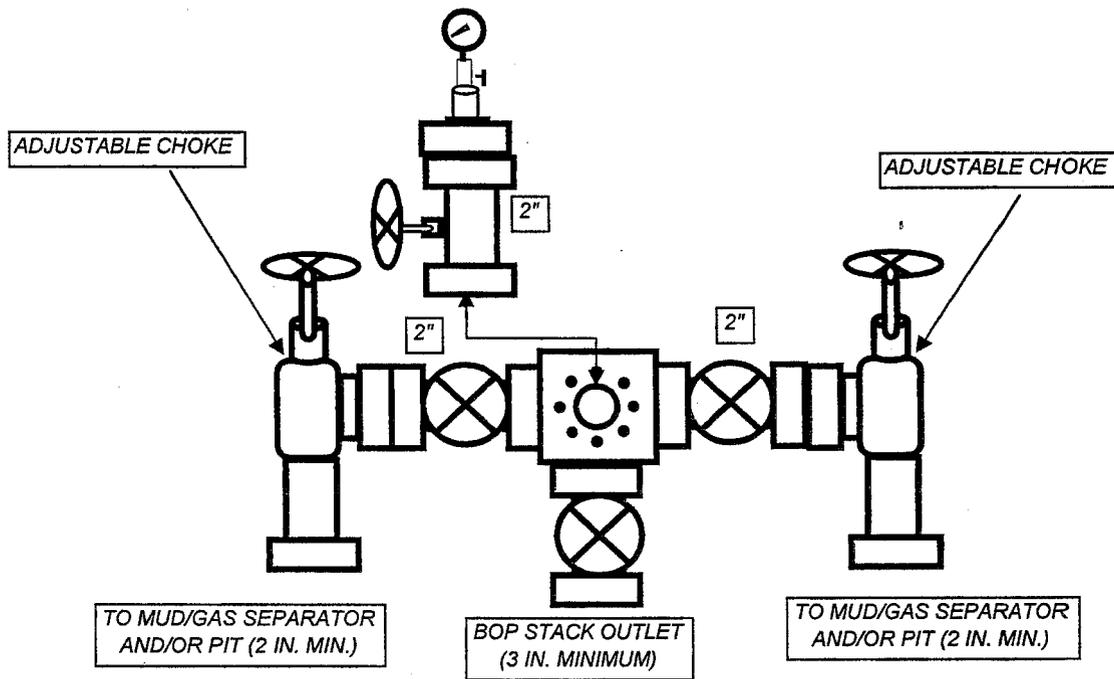
The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

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

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

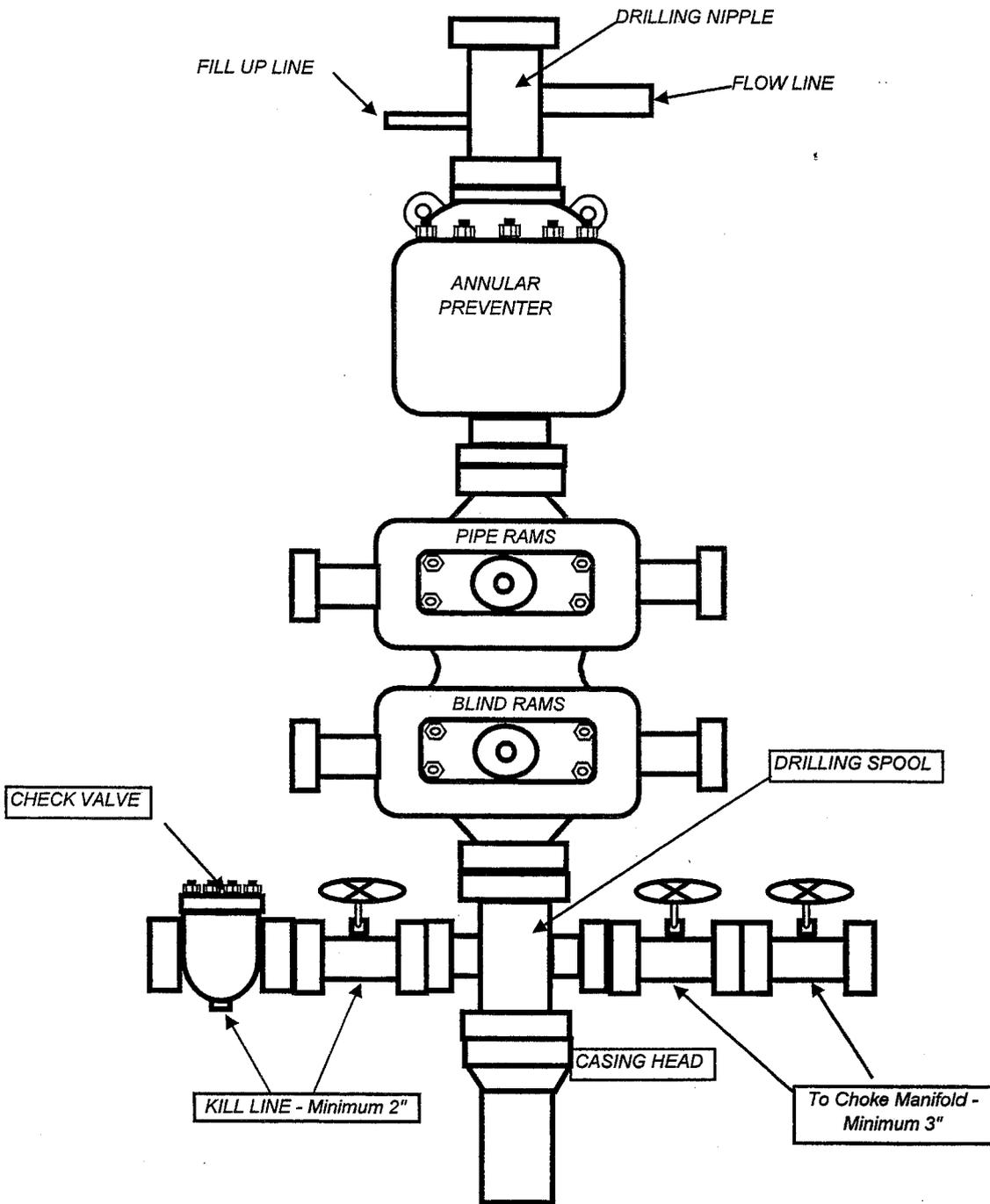
# BILL BARRETT CORPORATION

## 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** **Prickly Pear Unit Federal #21-2-12-15 Pad Wells**

<b><u>Prickly Pear Unit Federal 12-21D-12-15</u></b> SWNW, 1609' FNL, 1256' FWL, Sec. 21, T12S-R15E (surface hole) NWSW, 1964' FSL, 818' FWL, Sec. 21, T12S-R15E (bottom hole) Carbon County, Utah	<b><u>Prickly Pear Unit Federal 6-21D-12-15</u></b> ✓ SWNW, 1574' FNL, 1288' FWL, Sec. 21, T12S-R15E (surface hole) SENW, 1882' FNL, 2159' FWL, Sec. 21, T12S-R15E (bottom hole) Carbon County, Utah
<b><u>Prickly Pear Unit Federal 3-21D-12-15</u></b> SWNW, 1562' FNL, 1298' FWL, Sec. 21, T12S-R15E (surface hole) NENW, 655' FNL, 1993' FWL, Sec. 21, T12S-R15E (bottom hole) Carbon County, Utah	<b><u>Prickly Pear Unit Federal 4-21D-12-15</u></b> SWNW, 1585' FNL, 1277' FWL, Sec. 21, T12S-R15E (surface hole) NWNW, 658' FNL, 664' FWL, Sec. 21, T12S-R15E (bottom hole) Carbon County, Utah
<b><u>Prickly Pear Unit Federal 11-21D-12-15</u></b> SWNW, 1597' FNL, 1266' FWL, Sec. 21, T12S-R15E (surface hole) NESW, 1981' FSL, 2131' FWL, Sec. 21, T12S-R15E (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 21-2) and five additional directional wells are planned. Additional disturbance to the pad is necessary for the new 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 46 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 385 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 Prickly Pear Unit. However, an encroachment permit is not anticipated since there are no upgrades to the State or County road systems are proposed at this time.
- f. All existing roads 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	28
vii. abandoned wells	none

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

- a. Facilities for the existing Prickly Pear 21-2 well would be re-located to allow for the pad expansion. All facilities for this pad would be located adjacent to each other, as noted on the enclosed diagram (some permanent structures/facilities may be shared). Each well would have its own meter run and separator and five (5) additional 400-bbl tanks would be installed as necessary. Low profile tanks are not proposed as none exist at this location currently and facilities are not sited on a ridge line.
- b. All permanent above-ground structures 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. 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.

Bill Barrett Corporation  
Surface Use Plan  
Prickly Pear Unit Federal 21-2-12-15 Pad  
Carbon County, Utah

- 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 4-inch buried surface-laid pipeline, approximately 385 feet in length, exists to this location. BBC requests the option to replace and remove this 4-inch line with a new line of up to 10" diameter.
  - k. The new proposed steel gas pipeline, if installed, would be buried, where soil conditions permit, within a 50 foot proposed corridor.
  - l. As referred to in (k). above, the line would not be buried in areas with bedrock at or near surface that would require blasting to loosen rock before excavation for burial of the pipeline.
  - m. The determination to bury or surface lay the pipeline would be made by the Authorized Officer at the time of construction.
  - n. If installed, BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
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 would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.
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 Prickly Pear 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 reserve pit will be 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. If necessary, the reserve pit would be 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. Additional disturbance is necessary to accommodate the additional wells being added. The pad dimensions are 478' x 172' with a reserve pit of 200' x 100'.
- e. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- f. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- g. Diversion ditches would be constructed, if necessary, around the well pad to prevent surface waters from entering the area.
- h. The stockpiled topsoil (first 6 inches or maximum available) would be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil would be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- i. Pits would remain fenced until site cleanup.
- j. If air drilling occurs, the blooie line would be located at least 100 feet from the individual well head and would run from the each wellhead directly to the pit.
- k. Water application may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

Producing Wells

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

- Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the BLM prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.
- d. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

Dry Hole

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

11. Surface and Mineral Ownership:

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

12. Other Information:

- a. Montgomery Archaeological Consultants conducted Class III archeological surveys. Copies of the report were submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 03-96 dated July 28, 2003 and 07-230 dated September 11, 2007.
- b. Areas in the proposed drilling program where fluids escaping the wellbore and exiting onto a hillside might occur will be identified. In those cases, cement and/ or fluid loss compounds (types of lost circulation fluids) 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.
- c. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24” to 48” wide and is approximately 10’ tall. Combustor placement 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 10<sup>th</sup> day of May 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: \_\_\_\_\_

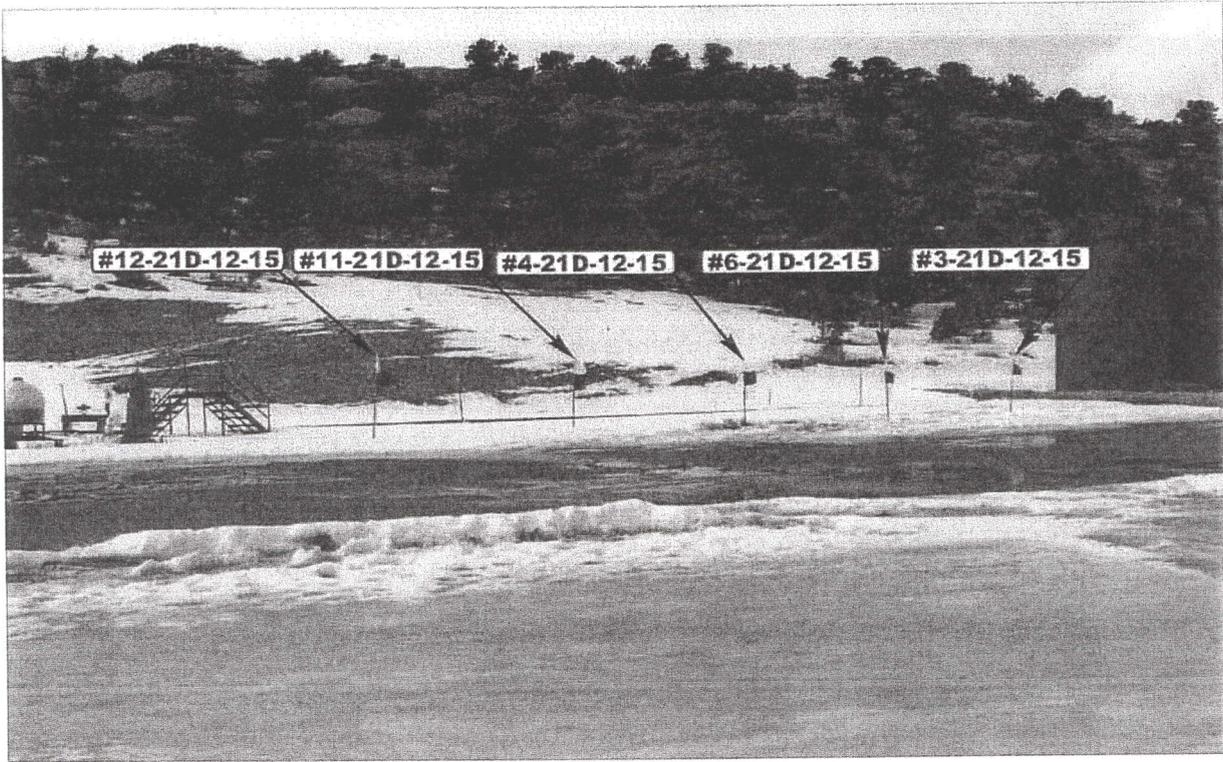
Tracey Fallang  
Tracey Fallang, Environmental/Regulatory Analyst

**BILL BARRETT CORPORATION**  
**PRICKLY PEAR UNIT FEDERAL #3-21D-12-15,**  
**#4-21D-12-15, #12-21D-12-15, #11-21D-12-15 &**  
**#6-21D-12-15**  
**SECTION 21, T12S, R15E, 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 28.8 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 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE EXISTING ACCESS TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 45.7 MILES.

**BIL BARRETT CORPORATION**  
**PRICKLY PEAR UNIT FEDERAL #3-21D-12-15, #4-21D-12-15,**  
**#12-21D-12-15, #11-21D-12-15 & #6-21D-12-15**  
 LOCATED IN CARBON COUNTY, UTAH  
 SECTION 21, T12S, R15E, S.L.B.&M.



**PHOTO: VIEW OF LOCATION STAKES**

**CAMERA ANGLE: NORTHWESTERLY**



**PHOTO: VIEW OF EXISTING ACCESS**

**CAMERA ANGLE: EASTERLY**



- Since 1964 -

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

<b>LOCATION PHOTOS</b>			<b>3</b>	<b>7</b>	<b>08</b>	<b>PHOTO</b>
			MONTH	DAY	YEAR	
<b>TAKEN BY: D.R.</b>		<b>DRAWN BY: G.L.</b>		<b>REVISED: 00-00-00</b>		

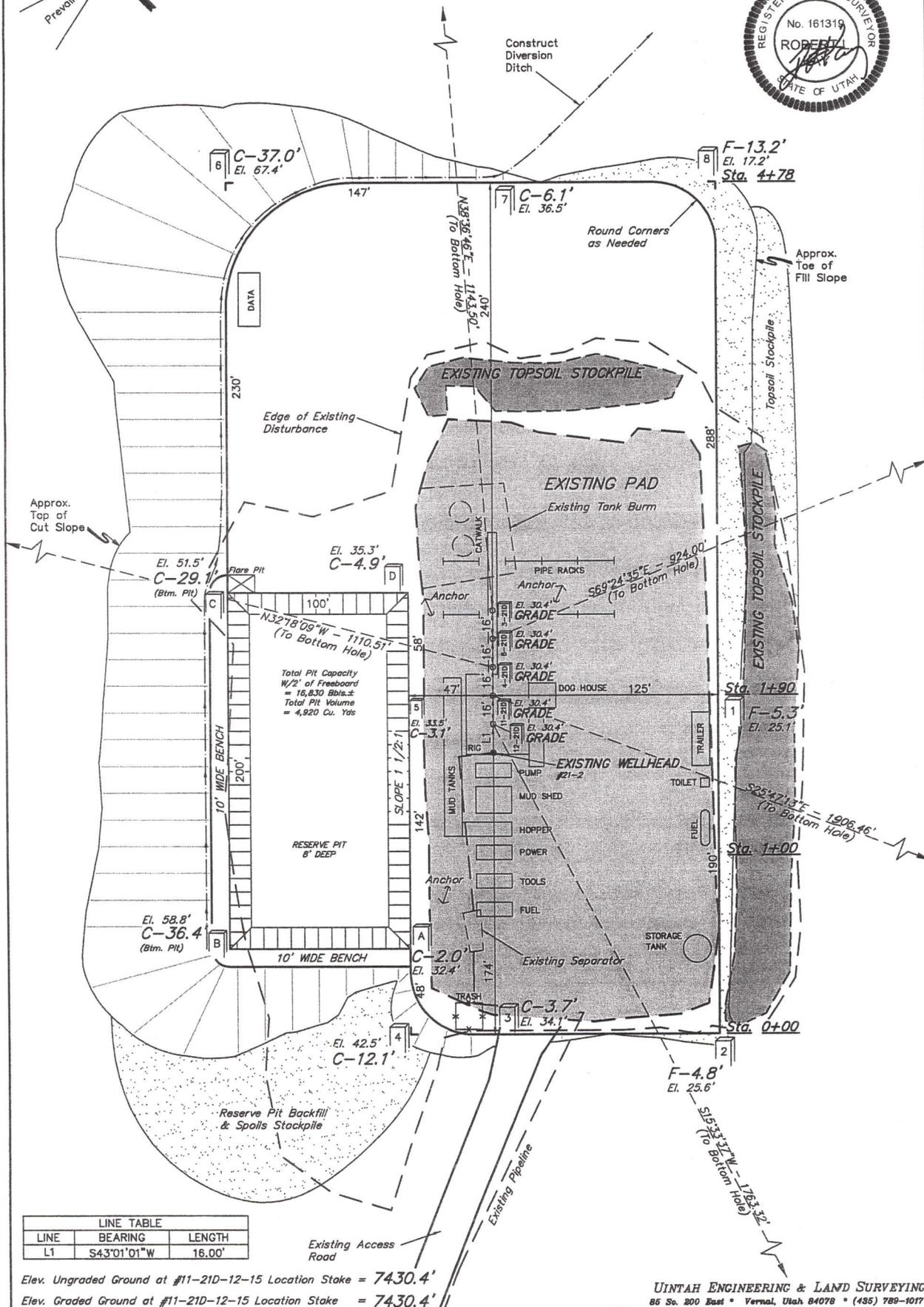
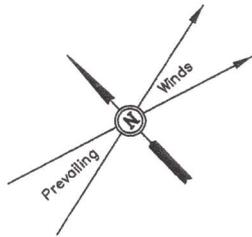
**BILL BARRETT CORPORATION**

**LOCATION LAYOUT FOR**

PRICKLY PEAR UNIT FEDERAL #11-21D-12-15, #12-21D-12-15,  
#4-21D-12-15, #6-21D-12-15 & #3-21D-12-15  
SECTION 21, T12S, R15E, S.L.B.&M.  
SW 1/4 NW 1/4

**FIGURE #1**

SCALE: 1" = 50'  
DATE: 03-21-08  
DRAWN BY: C.C.  
REVISED: 05-05-08



LINE TABLE		
LINE	BEARING	LENGTH
L1	S43°01'01"W	16.00'

Elev. Ungraded Ground at #11-21D-12-15 Location Stake = 7430.4'  
Elev. Graded Ground at #11-21D-12-15 Location Stake = 7430.4'

**BILL BARRETT CORPORATION**

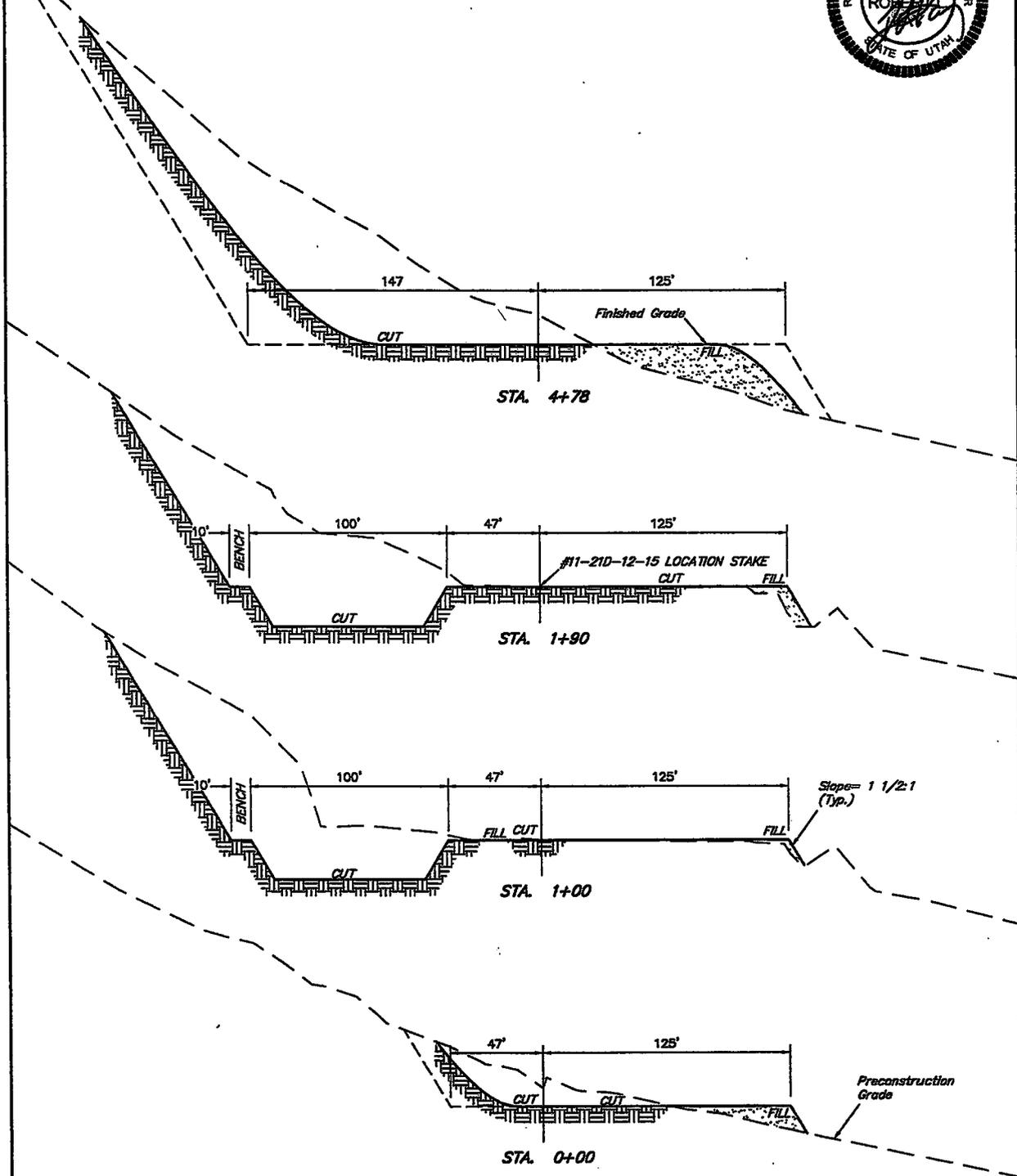
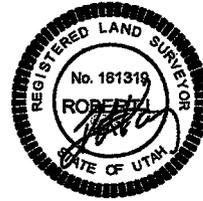
**TYPICAL CROSS SECTIONS FOR**

**PRICKLY PEAR UNIT FEDERAL #11-21D-12-15, #12-21D-12-15,  
#4-21D-12-15, #6-21D-12-15 & #3-21D-12-15  
SECTION 21, T12S, R15E, S.L.B.&M.  
SW 1/4 NW 1/4**

**FIGURE #2**

X-Section  
Scale  
1" = 20'  
1" = 50'

DATE: 03-21-08  
DRAWN BY: C.C.



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

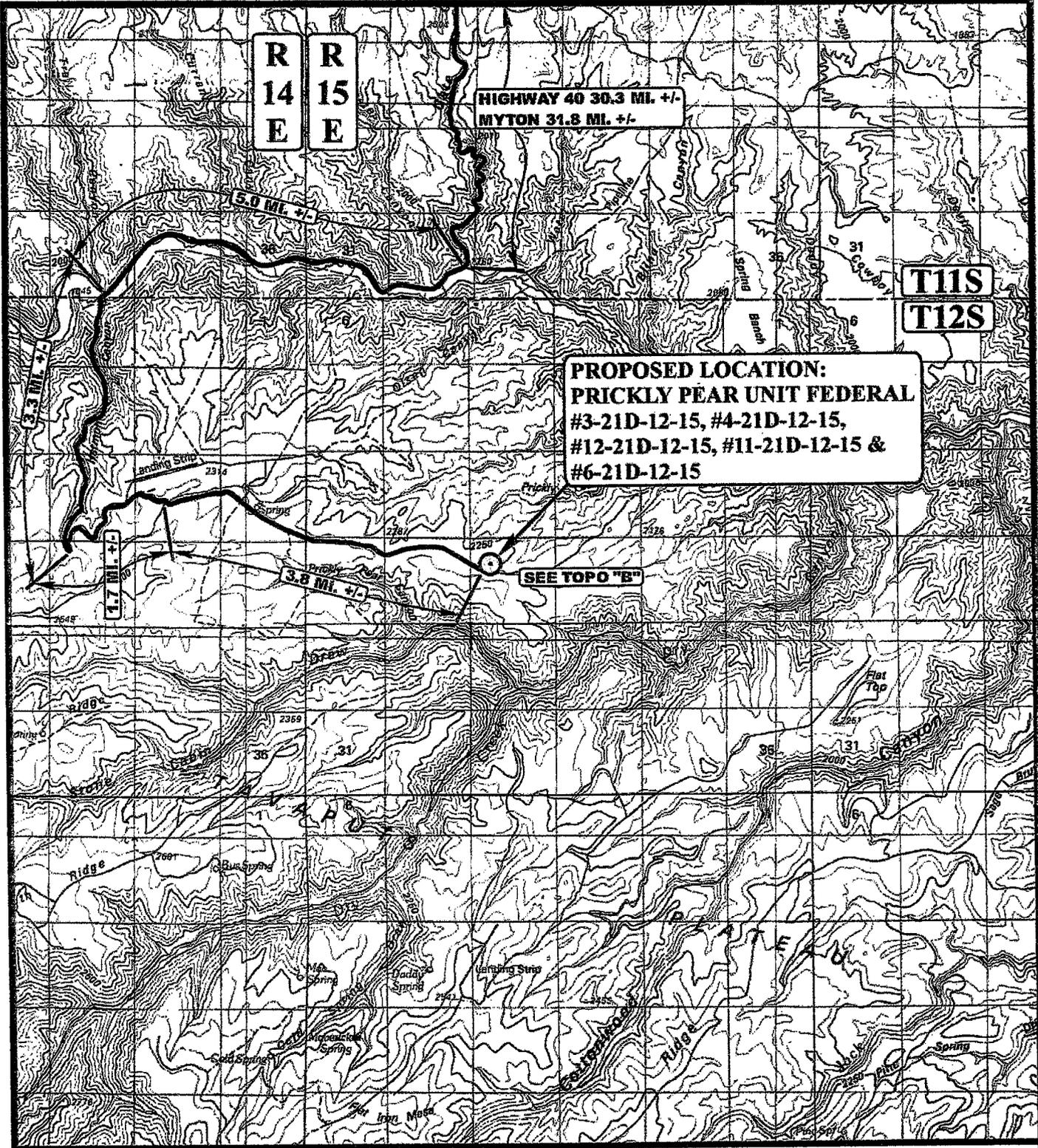
**APPROXIMATE YARDAGES**

<b>CUT</b>		
(6") Topsoil Stripping	= 1,340	Cu. Yds.
(New Construction Only)		
Remaining Location	= 49,190	Cu. Yds.
<b>TOTAL CUT</b>	<b>= 50,530</b>	<b>CU.YDS.</b>
<b>FILL</b>	<b>= 5,910</b>	<b>CU.YDS.</b>

EXCESS MATERIAL	= 44,620	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,800	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 40,820	Cu. Yds.

**APPROXIMATE ACRES**

EXISTING DISTURBANCE	= ±2.662 ACRES
NEW DISTURBANCE	= ±2.111 ACRES
<b>TOTAL</b>	<b>= ±4.773 ACRES</b>



**LEGEND:**

⊙ PROPOSED LOCATION

**BILL BARRETT CORPORATION**

PRICKLY PEAR UNIT FEDERAL #3-21D-12-15, #4-21D-12-15,  
 #12-21D-12-15, #11-21D-12-15 & #6-21D-12-15  
 SECTION 21, T12S, R15E, S.L.B.&M.  
 SW 1/4 NW 1/4



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



**TOPOGRAPHIC** 3 7 08  
 MAP MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: GL. REVISED: 00-00-00



T12S

R  
15  
E

**PROPOSED LOCATION:**  
PRICKLY PEAR UNIT FEDERAL  
#3-21D-12-15, #4-21D-12-15,  
#12-21D-12-15, #11-21D-12-15 &  
#6-21D-12-15

MYTTON 45.6 MI. +/-  
HIGHWAY 40 44.1 MI. +/-

#21-2

0.1 MI. +/-

**LEGEND:**

————— EXISTING ROAD



**BILL BARRETT CORPORATION**

PRICKLY PEAR UNIT FEDERAL #3-21D-12-15, #4-21D-12-15,  
#12-21D-12-15, #11-21D-12-15 & #6-21D-12-15  
SECTION 21, T12S, R15E, S.L.B.&M.  
SW 1/4 NW 1/4



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85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC**  
MAP

**3 7 08**  
MONTH DAY YEAR

SCALE: 1" = 2000'

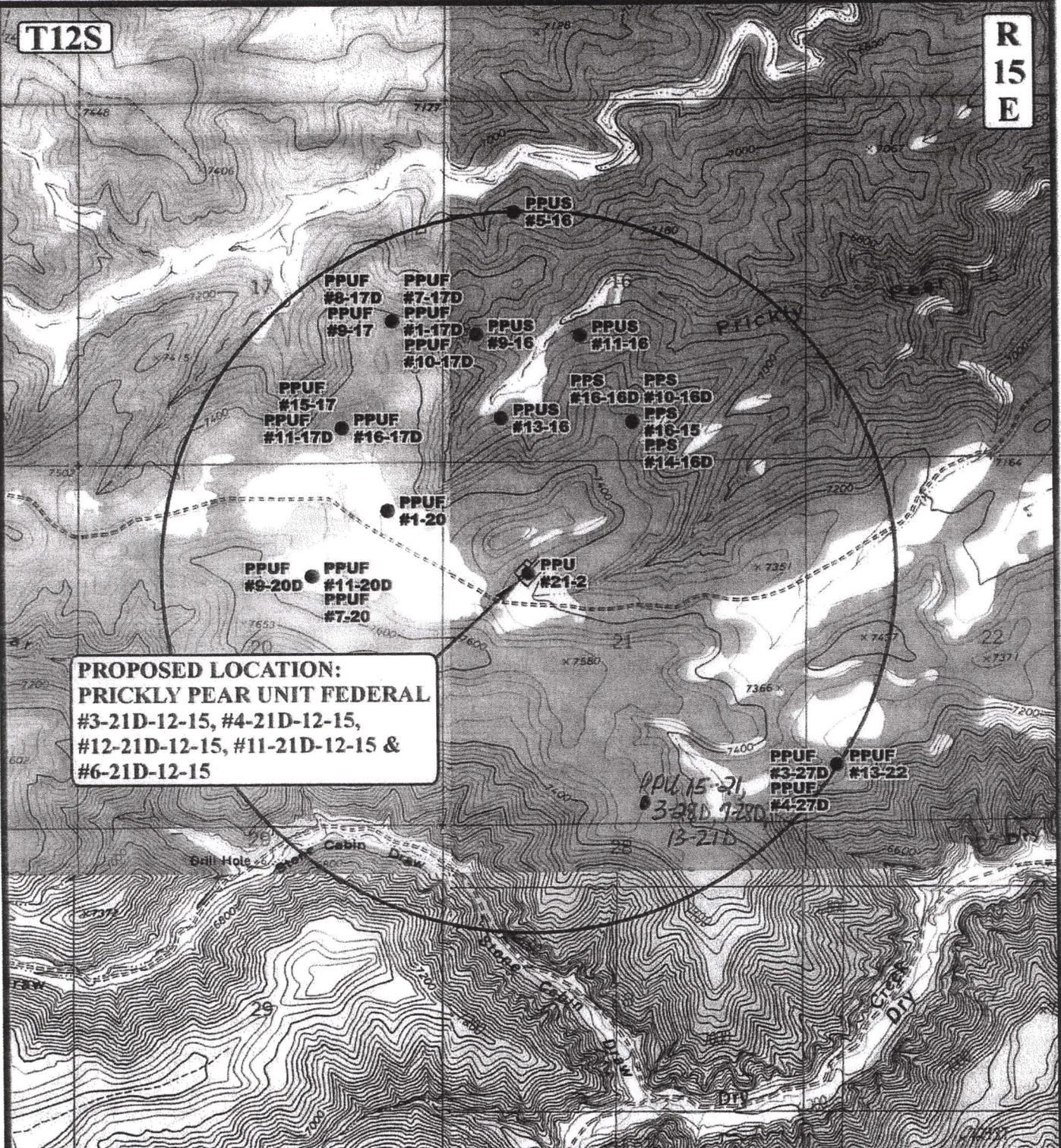
DRAWN BY: GL

REVISED: 00-00-00



T12S

R 15 E



**PROPOSED LOCATION:**  
**PRICKLY PEAR UNIT FEDERAL**  
 #3-21D-12-15, #4-21D-12-15,  
 #12-21D-12-15, #11-21D-12-15 &  
 #6-21D-12-15

**LEGEND:**

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

**BILL BARRETT CORPORATION**

PRICKLY PEAR UNIT FEDERAL #3-21D-12-15, #4-21D-12-15,  
 #12-21D-12-15, #11-21D-12-15 & #6-21D-12-15  
 SECTION 21, T12S, R15E, S.L.B.&M.  
 SW 1/4 NW 1/4

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

**TOPOGRAPHIC MAP** 3 7 08  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: G.L. REVISED: 00-00-00 **C**  
 TOPO



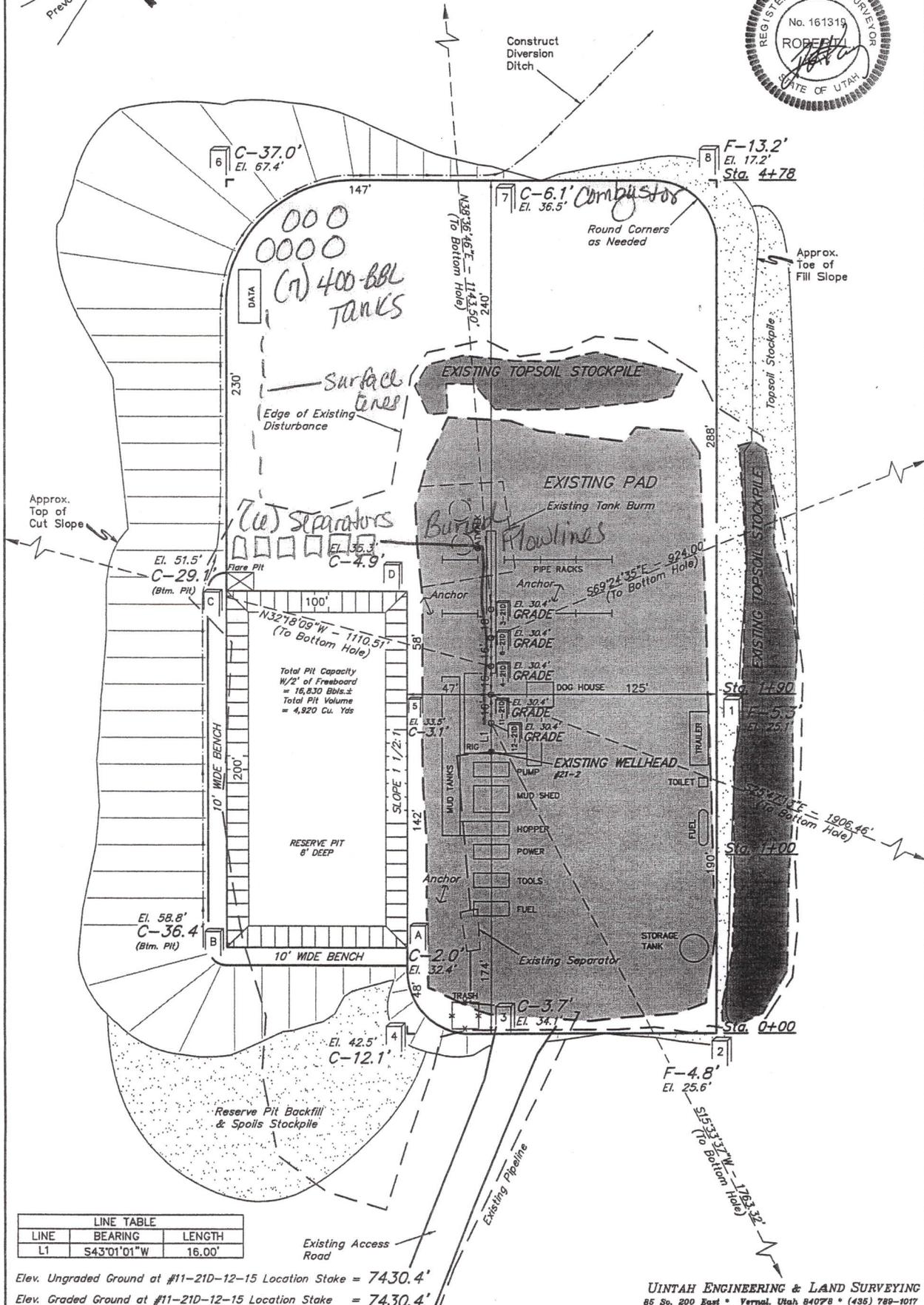
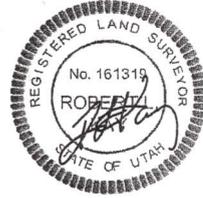
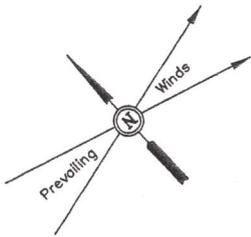
# Proposed Facility Layout

BILL BARRETT CORPORATION  
LOCATION LAYOUT FOR

PRICKLY PEAR UNIT FEDERAL #11-21D-12-15, #12-21D-12-15,  
#4-21D-12-15, #6-21D-12-15 & #3-21D-12-15  
SECTION 21, T12S, R15E, S.L.B.&M.  
SW 1/4 NW 1/4

FIGURE #1

SCALE: 1" = 50'  
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LINE TABLE		
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UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/22/2008

API NO. ASSIGNED: 43-007-31413

WELL NAME: PPU FED 6-21D-12-15  
 OPERATOR: BILL BARRETT CORP ( N2165 )  
 CONTACT: TRACEY FALLANG

PHONE NUMBER: 303-312-8134

PROPOSED LOCATION:

*SEW*

SWNW 21 120S 150E  
 SURFACE: 1574 FNL 1288 FWL  
 BOTTOM: 1882 FNL 2159 FWL  
 COUNTY: CARBON  
 LATITUDE: 39.76218 LONGITUDE: -110.2458  
 UTM SURF EASTINGS: 564600 NORTHINGS: 4401425  
 FIELD NAME: NINE MILE CANYON ( 35 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-73670  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- R649-2-3.
- Unit: PRICKLY PEAR *OK*
- R649-3-2. General
- Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 256-1
- Eff Date: 12-16-2004
- Siting: 460' from edge of 22200000 Tracts
- R649-3-11. Directional Drill

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

STIPULATIONS: Federal Approval

API Number: 4300731413

Well Name: PPU FED 6-21D-12-15

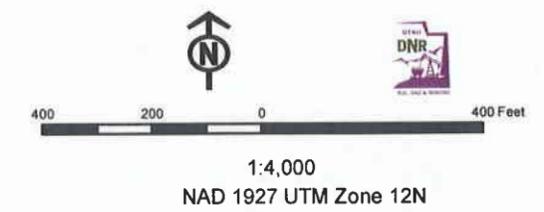
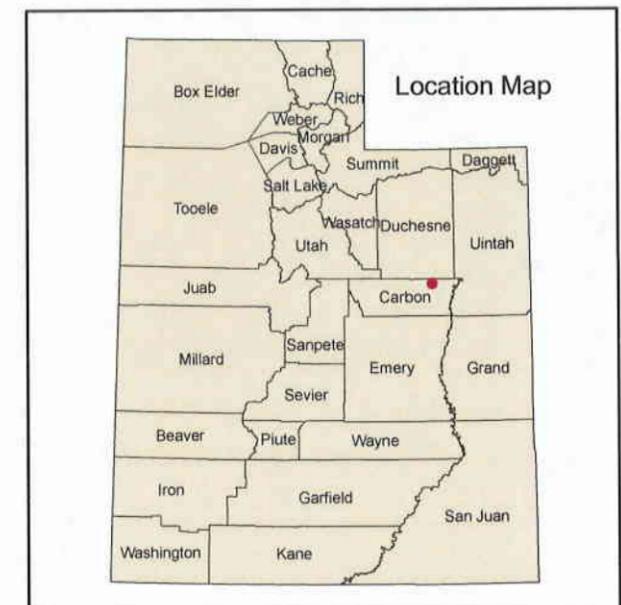
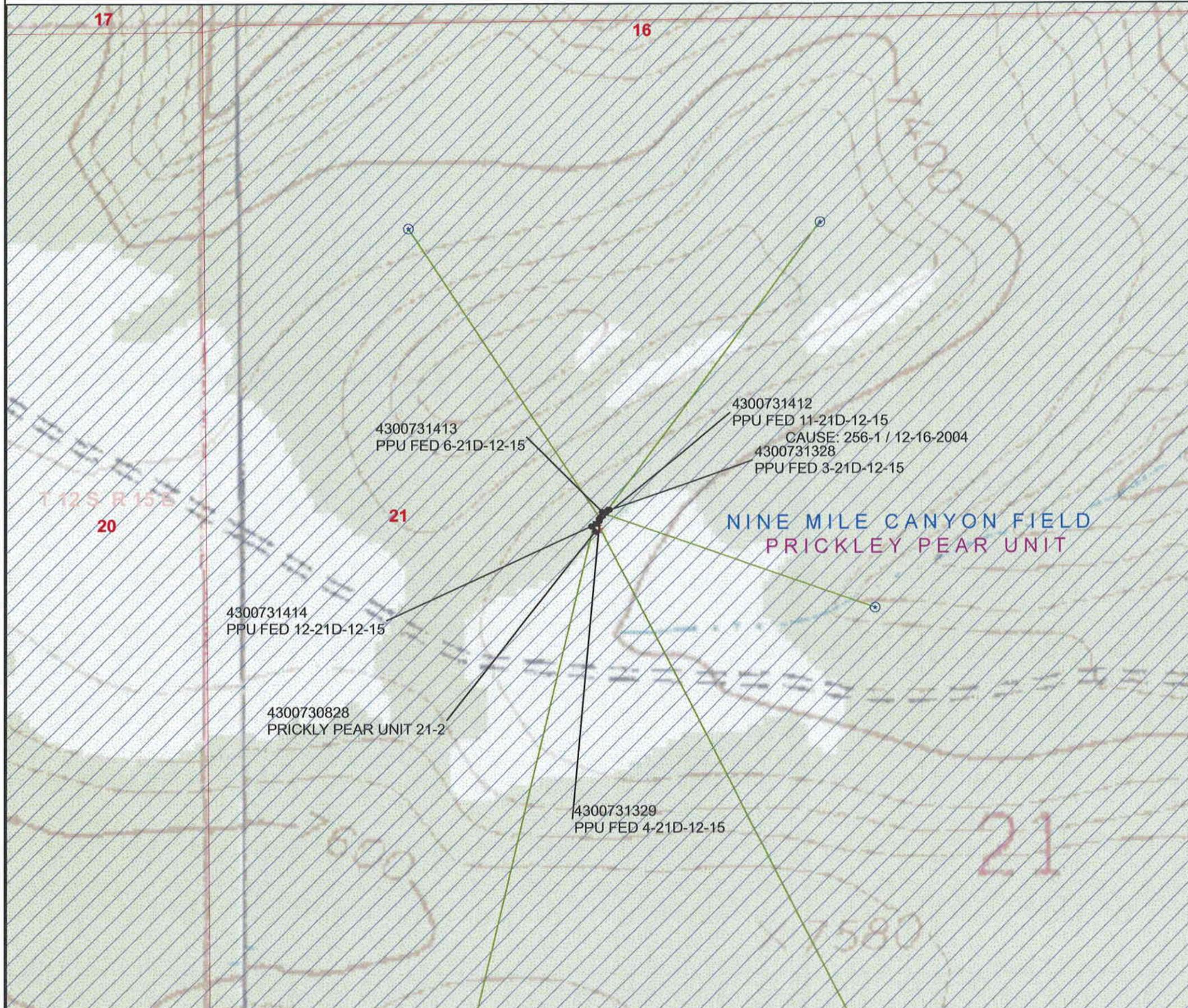
Township 12.0 S Range 15.0 E Section 21

Meridian: SLBM

Operator: BILL BARRETT CORP

Map Prepared: 5/27/2008  
Map Produced by Diana Mason

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





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

May 28, 2008

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

Re: Prickly Pear Unit Federal 6-21D-12-15 Well, Surface Location 1574' FNL, 1288' FWL, SW NW, Sec. 21, T. 12 South, R. 15 East, Bottom Location 1882' FNL, 2159' FWL, SE NW, Sec. 21, T. 12 South, R. 15 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 43-007-31413.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

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

Operator: Bill Barrett Corporation  
Well Name & Number Prickly Pear Unit Federal 6-21D-12-15  
API Number: 43-007-31413  
Lease: UTU-73670

Surface Location: SW NW      Sec. 21      T. 12 South      R. 15 East  
Bottom Location: SE NW      Sec. 21      T. 12 South      R. 15 East

**Conditions of Approval**

**1. General**

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

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

- Contact Dustin Doucet at (801) 538-5281    (801) 733-0983 home

**3. Reporting Requirements**

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

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

**COPY**

**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-73670	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Prickly Pear / UTU-79487	
8. Lease Name and Well No. Prickly Pear Unit Federal 6-21D-12-15	
9. API Well No. pending 43-007-31413	
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 Nine Mile/Wasatch-Mesaverde	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWNW, 1574' FNL, 1288' FWL At proposed prod. zone SENW, 1882' FNL, 2159' FWL, Sec. 21	
11. Sec., T. R. M. or Blk. and Survey or Area Sec. 21, T12S-R15E	
14. Distance in miles and direction from nearest town or post office* approximately 46 miles from Myton, Utah	12. County or Parish Carbon County
	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1288' SH / 1882' BH	16. No. of acres in lease 1440
	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 / 1300' BH	19. Proposed Depth 7600' MD
	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7430' graded ground	22. Approximate date work will start* 08/15/2008
	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 5/19/08
Title Environmental/Regulatory Analyst		

Approved by (Signature) <i>/s/ Michael Stiewig</i>	Name (Printed/Typed) Michael Stiewig	Date AUG 0 1 2008
Title ACTING FIELD MANAGER		
Office PRICE FIELD OFFICE		

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

Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

(Continued on page 2)

\*(Instructions on page 2)

**RECEIVED**

**AUG 04 2008**

DIV. OF OIL, GAS & MINING

**NOTICE OF APPROVAL**

**UDOGM**

# T12S, R15E, S.L.B.&M.

## BILL BARRETT CORPORATION

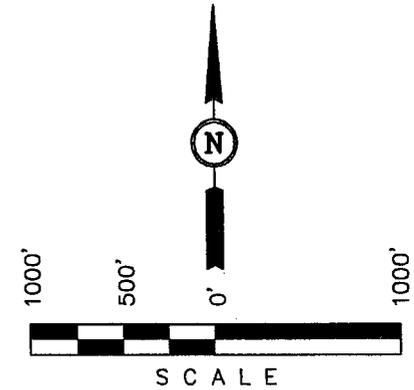
Well location, PRICKLY PEAR UNIT FEDERAL #6-21D-12-15, located as shown in the SW 1/4 NW 1/4 of Section 21, T12S, R15E, S.L.B.&M., Carbon County, Utah.

### BASIS OF ELEVATION

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R15E, 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.

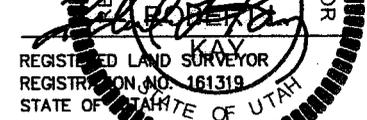
### BASIS OF BEARINGS

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



### CERTIFICATE

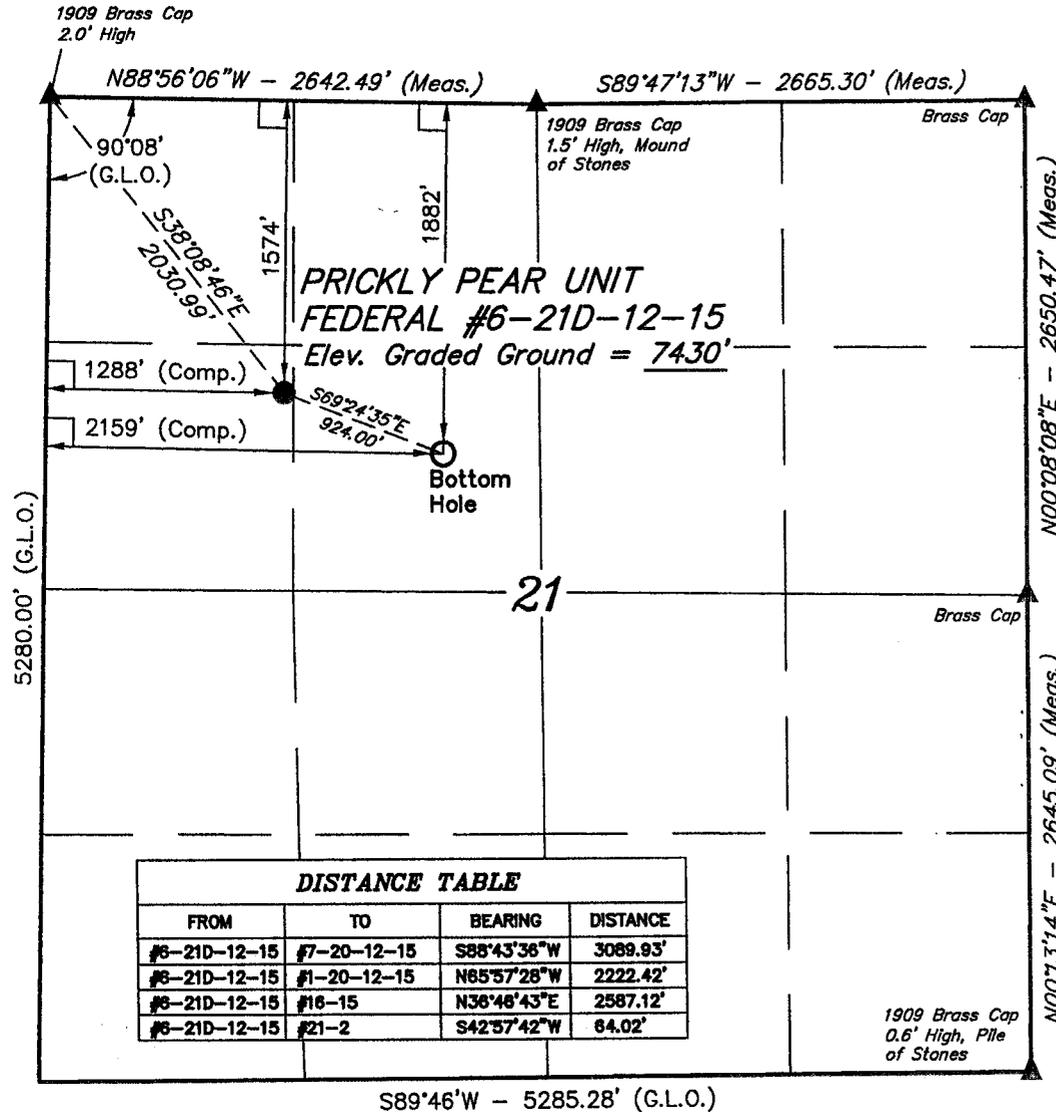
THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 05-05-08

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

SCALE 1" = 1000'	DATE SURVEYED: 03-05-08	DATE DRAWN: 03-21-08
PARTY D.R. A.W. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



FROM	TO	BEARING	DISTANCE
#6-21D-12-15	#7-20-12-15	S88°43'36"W	3089.93'
#6-21D-12-15	#1-20-12-15	N85°57'28"W	2222.42'
#6-21D-12-15	#16-15	N36°46'43"E	2587.12'
#6-21D-12-15	#21-2	S42°57'42"W	84.02'

S89°46'W - 5285.28' (G.L.O.)

### LEGEND:

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

<b>NAD 83 (TARGET BOTTOM HOLE)</b> LATITUDE = 39°45'40.46" (39.761239) LONGITUDE = 110°14'37.96" (110.243878)	<b>NAD 83 (SURFACE LOCATION)</b> LATITUDE = 39°45'43.66" (39.762128) LONGITUDE = 110°14'49.04" (110.246956)
<b>NAD 27 (TARGET BOTTOM HOLE)</b> LATITUDE = 39°45'40.59" (39.761275) LONGITUDE = 110°14'35.40" (110.243166)	<b>NAD 27 (SURFACE LOCATION)</b> LATITUDE = 39°45'43.79" (39.762164) LONGITUDE = 110°14'46.48" (110.246244)
<b>STATE PLANE NAD 27</b> N: 522575.38 E: 2353303.49	<b>STATE PLANE NAD 27</b> N: 522886.84 E: 2352433.84



**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
  - Lease Stipulations, see attached Table 2.3 from EA for West Tavaputs Plateau Drilling Program.
  - Applicant-committed environmental protection measures, see attached Appendix B
- 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.
- An archaeologist acceptable to the BLM will monitor during surface disturbing activities. If cultural resources are uncovered during surface disturbing activities, the Authorized Officer (AO) shall be immediately notified. The operator is to immediately stop work that might further disturb archeological materials. The AO will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment.
- 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 Prickly Pear Unit Federal 6-21D-12-15 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.
- No construction/drilling activities shall occur during the time of the year November 1 through April 15 for sage-grouse winter habitat.
- Mule deer on critical winter ranges shall be protected by seasonal restrictions on construction from November 1 through May 15 where federal permits are required.
- Elk on high priority and critical winter ranges would be protected by seasonal restrictions on construction from November 1 through May 15.
- Centralize tanks and facilities with old wells.
- Leave trees on the edge of the well site.
- The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to the filling and reclamation of pits.

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

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

- The Company will conduct clearance surveys for threatened, endangered or other special-concern species at the optimum time. This will require coordination with the BLM before November 1 annually to review the potential for disturbance and to agree on inventory parameters.

### Construction

- The operator will limit vegetation removal and the degree of surface disturbance wherever possible. Where surface disturbance cannot be avoided, all practicable measures will be utilized to minimize erosion and stabilize disturbed soils.
- Construction and drilling activity will not be conducted using frozen or saturated soil material during periods when watershed damage or excessive rutting is likely to occur.
- Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material. Any topsoil stockpiled for one year or longer will be signed and stabilized with annual ryegrass or other suitable cover crop.
- The operator will not push soil material and overburden over side slopes or into drainages. All soil material disturbed will be placed in an area where it can be retrieved without creating additional undue surface disturbance and where it does not impede watershed and drainage flows.
- Construct the backslope no steeper than 1½:1, and construct the foreslope no steeper than 2:1, unless otherwise directed by the BLM Authorized Officer.
- Maintain a minimum 20-foot undisturbed vegetative border between toe-of-fill of pad and/or pit areas and the edge of adjacent drainages, unless otherwise directed by the BLM Authorized Officer.
- With the overall objective of minimizing surface disturbance and retaining land stability and productivity, the operator shall utilize equipment that is appropriate to the scope and scale of work being done for roads and well pads (utilize equipment no larger than needed for the job).
- Reserve pits will be adequately fenced during and after drilling operations until pit is reclaimed so as to effectively keep out wildlife and livestock. Adequate fencing, in lieu of more stringent requirements by the surface owner, is defined as follows:
- Construction materials will consist of steel or wood posts. Three or four strand wire (smooth or barbed) fence or hog panel (16-foot length by 50-inch height) or plastic snow fence must be used with connectors such as fence staples, quick-connect clips, hog rings, hose clamps, twisted wire, etc. Electric fences will not be allowed.
- Construction standards: Posts shall be firmly set in ground. If wire is used, it must be taut and evenly spaced, from ground level to top wire, to effectively keep out animals. Hog panels must be tied securely into posts and one another using fence staples, clamps, etc. Plastic snow fencing must be taut and sturdy. Fence must be at least 2-feet from edge of pit. 3 sides fenced before beginning drilling, the fourth side fenced immediately upon completion of drilling and prior to rig release. Fence must be left up and maintained in adequate condition until pit is closed.
- The reserve pit will be oriented to prevent collection of surface runoff. After the drilling rig is removed, the operator may need to construct a trench on the uphill side of the reserve pit to divert surface drainage around it. If constructed, the trench will be left intact until the pit is closed.
- The reserve pit will be lined with an impermeable liner if permeable subsurface material is encountered. An impermeable liner is any liner having a permeability of less than  $10^{-7}$

cm/sec. The liner will be installed so that it will not leak and will be chemically compatible with all substances that may be put in the pit. Liners made of any man-made synthetic material will be of sufficient strength and thickness to withstand normal installation and pit use. In gravelly or rocky soils, a suitable bedding material such as sand will be used prior to installing the liner.

- The reserve pit will be constructed so that at least half of its total volume is in solid cut material (below natural ground level).
- The reserve pit shall have 2 foot of freeboard maintained at all times to prevent overflow of fluids.
- Culverts will be placed on channel bottoms on firm, uniform beds, which have been shaped to accept them, and aligned parallel to the channel to minimize erosion. Backfill will be thoroughly compacted.
- The minimum diameter for culverts will be 18 inches. However, all culverts will be appropriately sized in accordance with standards in BLM Manual 9113.
- Construction and other project-related traffic will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- Maximum design speed on all operator-constructed and maintained roads will not exceed 25 miles per hour.
- Pipeline construction shall not block nor change the natural course of any drainage. Pipelines shall cross perpendicular to drainages. Pipelines shall not be run parallel in drainage bottoms. Suspended pipelines shall provide adequate clearance for maximum runoff.
- Pipeline trenches shall be compacted during backfilling. Pipeline trenches shall be routinely inspected and maintained to ensure proper settling, stabilization and reclamation.
- The pipeline right-of-way will be brush-hogged to prevent unnecessary disturbance. Only those areas where safety, absolute need for construction or other regulations may warrant the use of topsoil removal by blading or scalping.
- During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

### **Operations/Maintenance**

- If in the process of air drilling the wells there is a need to utilize mud, all circulating fluids will be contained either in an approved pit or in an aboveground containment tank. The pit or containment tank will be large enough to safely contain the capacity of all expected fluids without danger of overflow. Fluid and cuttings will not be squeezed out of the pit, and the pit will be reclaimed in an expedient manner.
- Confine all equipment and vehicles to the access road(s), pad(s), and area(s) specified in the approved APD.
- All waste, other than human waste and drilling fluids, will be contained in a portable trash cage. This waste will be transported to a State approved waste disposal site immediately upon completion of drilling operations. No trash or empty barrels will be placed in the

reserve pit or buried on location. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.

- Rat and mouse holes shall be filled and compacted from the bottom to the top immediately upon release of the drilling rig from the location.
- The operator will be responsible for prevention and control of noxious weeds and weeds of concern on all areas of surface disturbance associated with this project (well locations, roads, water management facilities, etc.) Use of pesticides shall comply with the applicable Federal and State laws. Pesticides shall be used only in accordance with their registered uses and within limitations imposed by the Secretary of Interior. Prior to the use of pesticides on public land, the holder shall obtain from the BLM authorized officer written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers, and any other information deemed necessary by the authorized officer to such use.
- Sewage shall be placed in a self-contained, chemically treated porta-potty on location.
- The operator and their contractors shall ensure that all use, production, storage, transport and disposal of hazardous and extremely hazardous materials associated with the drilling, completion and production of these wells will be in accordance with all applicable existing or hereafter promulgated federal, state and local government rules, regulations and guidelines. All project-related activities involving hazardous materials will be conducted in a manner to minimize potential environmental impacts. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.
- Produced fluids shall be put in test tanks on location during completion work. Produced water will be put in the reserve pit during completion work per Onshore Order #7.
- The only fluids/waste materials which are authorized to go into the reserve pit are RCRA exempt exploration and production wastes. These include:
  - drilling muds & cuttings
  - rigwash
  - excess cement and certain completion & stimulation fluids defined by EPA as exempt
  - It does not include drilling rig waste, such as:
    - spent hydraulic fluids
    - used engine oil
    - used oil filter
    - empty cement, drilling mud, or other product sacks
    - empty paint, pipe dope, chemical or other product containers
    - excess chemicals or chemical rinsate
  - Any evidence of non-exempt wastes being put into the reserve pit may result in the BLM Authorized Officer requiring specific testing and closure requirements.
- If this well is drilled during the fire season (June-October), the operator shall institute all necessary precautions to ensure that fire hazard is minimized, including but not limited to mowing vegetation on the access route(s) and well location(s), keeping fire fighting equipment readily available when drilling, etc.

## Dry Hole/Reclamation

- All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc will be expediently reclaimed and reseeded in accordance with the surface use plan and any pertinent site-specific COAs.
- Disturbed lands will be re-contoured back to conform with existing undisturbed topography. No depressions will be left that trap water or form ponds.
- Before the location has been reshaped and prior to redistributing the topsoil, the operator will rip or scarify the drilling platform and access road on the contour, to a depth of at least 12 inches. The rippers are to be no farther than 24 inches apart.
- Distribute the topsoil evenly over the entire location and other disturbed areas. Prepare the seedbed by disking to a depth of 4-to-6 inches following the contour.
- Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice. Individual facilities, such as well locations, pipelines, discharge points, impoundments, etc. need to be addressed in these plans as they are no longer needed. Individual items that will need to be addressed in reclamation plans include:
  - Pit closure (Close ASAP after suitably dry, but no later than 90 days from time of drilling unless an extension is given by BLM Authorized Officer.) BLM may require closure prior to 90 days in some cases due to land use or environmental concerns.
  - Configuration of reshaped topography, drainage systems, and other surface manipulations
  - Waste disposal
  - Revegetation methods, including specific seed mix (pounds pure live seed/acre) and soil treatments (seedbed preparation, fertilization, mulching, etc.). On private surface, the landowner should be consulted for the specific seed mix.
  - Other practices that will be used to reclaim and stabilize all disturbed areas, such as water bars, erosion fabric, hydro-mulching, etc.
  - An estimate of the timetables for beginning and completing various reclamation operations relative to weather and local land uses.
  - Methods and measures that will be used to control noxious weeds, addressing both ingress and egress to the individual well or POD.
  - Decommissioning/removal of all surface facilities
  - BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.
- Soil fertility testing and the addition of soil amendments may be required to stabilize some disturbed lands.
- Any mulch utilized for reclamation needs to be certified weed free.
- Waterbars are to be constructed at least one (1) foot deep, on the contour with approximately two (2) feet of drop per 100 feet of waterbar to ensure drainage, and extended into established vegetation. All waterbars are to be constructed with the berm on the downhill side to prevent the soft material from silting in the trench. The initial

waterbar should be constructed at the top of the backslope. Subsequent waterbars should follow the following general spacing guidelines:

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

### Producing Well

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

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

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

#### Forbes Lbs

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

**Grasses Lbs**

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

**Total 11.5 lbs/acre**

1 Seed mix A is designed for rapid establishment, soil holding ability, and nitrogen fixing capability.

C-4 EA, West Tavaputs Plateau Drilling Program

**Seed Mix B**

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

**Forbes Lbs**

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

**Grasses Lbs**

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

**Woody Plants Lbs**

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

**Total 16.0 lbs/acre**

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

**TMC 1: Browse Hand Planting  
Tubeling Mixtures**

One of the two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on areas that

are undergoing long term reclamation. This 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:**

- Air Drilling Surface Casing to +/-1000 feet:
- Mud circulating equipment, water, and mud materials sufficient to maintain the capacity of the hole and circulating tanks, or pits. Variance granted for 500 bbls of fresh water to substitute for mud materials
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 37' from the well bore.
- Automatic igniter or continuous pilot light on the blooie line and dust suppression equipment. Variance granted for water mist system to substitute for the pilot light and dust suppression equipment.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressor located less than 100 feet from the well bore.
- All other equipment for air/gas drilling shall meet specifications in Onshore Order No. 2, III. Requirements, E. *Special Drilling Operations*.

**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 reseeded. Cut and fill sections on all roads and along pipelines will be revegetated with native species.

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

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

## **2.8 RECLAMATION**

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

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

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

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

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

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

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

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

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

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

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

1. Herbicide applications will be kept at least 500 feet from known special status plant species populations or other distances deemed safe by the AO.

2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts to areas of high value (e.g., special status plant species habitats, wetland/riparian areas).

## **2.10 WATERSHEDS**

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

## **2.11 GEOLOGICAL/PALEONTOLOGICAL RESOURCES**

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

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

## **2.12 CULTURAL/HISTORICAL RESOURCES**

1. BBC will follow the cultural resources and recovery plan for the project.

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

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

## **2.13 WATER RESOURCES**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### **2.14 NOISE**

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

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

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

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

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

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

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

## **2.16 LIVESTOCK/GRAZING MANAGEMENT**

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

## **2.17 RECREATION**

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

## **2.18 VISUAL RESOURCES**

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

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

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

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

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

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

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

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

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

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

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

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

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: BILL BARRETT CORPORATION

Well Name: PPU FED 6-21D-12-15

Api No: 43-007-31413 Lease Type: FEDERAL

Section 21 Township 12S Range 15E County CARBON

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # RATHOLE

**SPUDDED:**

Date 08/08/08

Time \_\_\_\_\_

How DRY

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

Reported by JODY SOUTH VIA E-MAIL

Telephone # \_\_\_\_\_

Date 08/11/08 Signed CHD

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

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation  
Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202

Operator Account Number: N 2165  
Phone Number: (303) 312-8134

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731328	Prickly Pear Unit Federal 3-21D-12-15		SWNW	21	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>14794</i>	8/8/2008		8/14/08		
Comments: This well was spud with conductor pipe on 8/8. Continuous drilling is not expected to begin until September 2008. <i>BHL = NENW</i>							

*PRRU = MVRD = WSMVD*

**CONFIDENTIAL**

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731413	Prickly Pear Unit Federal 6-21D-12-15		SWNW	21	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>14794</i>	8/8/2008		8/14/08		
Comments: This well was spud with conductor pipe on 8/8. Continuous drilling is not expected to begin until September 2008. <i>BHL = SENW</i>							

*WSMVD*

**CONFIDENTIAL**

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731329	Prickly Pear Unit Federal 4-21D-12-15		SWNW	21	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<i>AB</i>	<i>99999</i>	<i>14794</i>	8/8/2008		8/14/08		
Comments: This well was spud with conductor pipe on 8/8. Continuous drilling is not expected to begin until September 2008. <i>BHL = NWNW</i>							

*PRRU = MVRD = WSMVD*

**CONFIDENTIAL**

ACTION CODES:

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

Tracey Fallang

Name (Please Print)

Signature

Regulatory Analyst

Title

8/11/2008

Date

RECEIVED

AUG 11 2008

DIV. OF OIL, GAS & MINING

**tfallang**  
**CONFIDENTIAL**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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-73670

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)  
SWNW, 1574' FNL, 1288' FWL  
Sec. 21, T12S-R15E

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear / UTU-79487

8. Well Name and No.  
Prickly Pear Unit Federal 6-21D-12-15

9. API Well No.  
43-007-31413

10. Field and Pool or Exploratory Area  
Nine Mile/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 Revised facility
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	layout and oil
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	measurement

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

This sundry is being submitted as notification that the facility equipment will change as well as the oil measurement method. The Prickly Pear 21-2 was drilled and completed as a single, vertical well in 2004. BBC has approved permits for five directional wells (12-21D, 11-21D, 4-21D, 6-21D, 3-21D) off that pad that we intend on beginning to drill in September 2008. All wells are within the Prickly unit and within a Participating Area. Current facility equipment consists of (1)-400 bbl oil tank and (1)-400 bbl water tank. The new equipment and measurement for this pad will be as follows:

- (1) 400-bbl oil tank - Combined oil tank for all wells
- (1) 400-bbl water tank - Combined water tank for all wells
- (1) 400-bbl blowdown tank
- (1) 400-bbl test tank

Date: 10-14-2008  
Initials: KS

To allocate oil production, a quarterly test will be run for each well for a 24-hour time period into the 400-bbl test tank. A revised site security diagram will be submitted when facilities are complete.

By using combined tanks and measurement, the surface imprint of the facility is reduced by (3)-400 bbl tanks.

**RECEIVED**  
**SEP 15 2008**

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

Name (Printed/Typed) Tracey Fallang      Title Environmental/Regulatory Analyst

Signature *Tracey Fallang*      Date 09/10/2008

DIV. OF OIL, GAS & MINING

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

Approved by \* *D. M. M. M.*      Title Petroleum Engineer      Date October 8, 2008

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 Utah Division of Oil, Gas and Mining

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)  
**\*Allocation Tests shall be done on a monthly basis for the first 6 months minimum to establish a baseline (water and oil) for the new wells. After review, quarterly allocation tests may then be allowed. Federal Approval of this action is necessary.**

**tfallang**  
**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**  
FORM APPROVED  
OMB No. 1064-0137  
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-73670

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear / UTU-79487

2. Name of Operator  
Bill Barrett Corporation

8. Well Name and No.  
Prickly Pear Unit Federal 6-21D-12-15

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

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

9. API Well No.  
43-007-31413

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SWNW, 1574' FNL, 1288' FWL  
Sec. 21, T12S-R15E

10. Field and Pool or Exploratory Area  
Nine Mile/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>2nd Revised facility</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	layout and oil
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	measurement

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

This sundry is being submitted as notification that the facility equipment will change as well as the oil measurement method. The Prickly Pear 21-2 was drilled and completed as a single, vertical well in 2004. BBC has approved permits for five directional wells (12-21D, 11-21D, 4-21D, 6-21D, 3-21D) and is waiting for approval on a sixth well off that pad, all wells to be drilled in 2008. All wells are within the Prickly unit and within a Participating Area. The equipment and measurement for this pad will be as follows:

- (2) 400-bbl oil tanks - Combined oil tanks for all wells
- (2) 400-bbl water tanks - Combined water tanks for all wells
- (1) 400-bbl blowdown tank
- (1) 400-bbl test tank

To allocate oil production, a quarterly test will be run for each well for a 24-hour time period into the 400-bbl test tank. A revised site security diagram will be submitted when facilities are complete.

**COPY SENT TO OPERATOR**

Date: 10.14.2008

Initials: KS

**RECEIVED**

**SEP 16 2008**

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

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

Title Environmental/Regulatory Analyst

Signature

Date 09/15/2008

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

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

Title **Petroleum Engineer** Date **October 8, 2008**

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

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)

**Allocation Tests shall be done on a monthly basis for the first 6 months minimum to establish a baseline (water and oil) for the new wells. After review, quarterly allocation tests may then be allowed. Federal Approval of this action is necessary.**

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-73670

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. Prickly Pear / UTU-79487
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Prickly Pear Unit Federal 6-21D-12-15
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31413
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW, 1574' FNL, 1288' FWL Sec. 21, T12S-R15E		10. Field and Pool or Exploratory Area Nine Mile/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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<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.)

Casing repairs to be performed as follows (verbal notification provided by Matt Baker on 10/24). See attached report and pictures for further details.

- 1) TOO H and LD DIR tools, Bit, MM
- 2) TIH w/ 9 5/8" Bridge Plug
- 3) Set Bridge Plug @ 950'
- 4) TOO H with Bridge Plug Retrieving Head
- 5) Nipple down BOP
- 6) Jack Hammer 9' out of bottom of cellar to find casing w/ good integrity
- 7) Cut CSG
- 8) Weld on new CSG
- 9) Weld on Slip Collar
- 10) Rough Cut 9 5/8" CSG @ grade level
- 11) Set new CSG Head and weld on
- 12) Nipple up BOP
- 13) Test BOP
- 14) TIH w/ Retrieving head
- 15) TOO H w/ Bridge plug
- 16) Pick up Bit, MM, DIR tools
- 17) TIH w/ Bit, MM, DIR tools

COPY SENT TO OPERATOR

Date: 11.25.2008

Initials: KS

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 10/24/2008

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

Approved by <i>[Signature]</i>	Title Pet-Eng.	Date 11/20/08
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.		Federal Approval Of This Action Is Necessary
Office DOG M		

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**

**OCT 27 2008**

DIV. OF OIL, GAS & MINING

## Surface Casing Repair Details

BBC believes the reason there has been a significant number of surface casing repairs is due to the bucket rig drilling the conductor hole without having the boom level. The conductor was subsequently cemented in the hole at an angle and the surface casing was then cemented in the hole while hanging in the elevators of the air rig. The angle in the conductor pipe pushed the surface casing over to one side of the conductor while the surface cement was setting up. Even though the cuts on the surface pipe and conductor were level, the surface casing was set at an angle severe enough that the Kelly and Saber-Sub wore on the wall of the surface casing for the entirety of the drilling operation, thus wearing a hole in the surface casing.

Steps implemented to avoid Surface CSG damage.

- 1) Install Magnet in possum belly and check for shavings after every connection, or every half hour and record findings in drilling notes on Pason.
- 2) If metal shavings appear on magnet install Non-Rotating Protectors to keep the Kelly, Saber-Sub, and tool joint connections off of the Surface Casing.
- 3) Install new Kelly and Saber-Sub on all rigs to ensure the equipment is in optimum operating condition.

It is significant enough to note that the Service Company contracted to drill the conductor holes on the Prickly Pear 3-22 pad, Prickly Pear 21-2 pad, and Peter's Point 14-26 pad went through three bucket rig operators on the Prickly Pear 3-22 pad. That same operator then went on to assist drilling the conductors on the Prickly Pear 21-2 and Peter's Point 14-26 pads. It is our opinion that the

Attachments:

- Pictures showing Conductor pipe set at an angle
- Pictures showing Surface Casing Pulled to one side of conductor
- Spreadsheet containing Well and Rig data

Well Name	PAD	Bucket RIG	Air RIG	Drilling RIG	SPUD DATE	RR Date (From Pad)	Comments
Prickly Pear UF 14-15D-12-15	PrPr 3-22	Craigs Roustabout #1	Craig's Roustabout #3	Patterson #12	8/17/2008	8/28/2008	Wore hole in 9 5/8" CSG
Prickly Pear UF 6-22D-12-15		Craigs Roustabout #1	Craig's Roustabout #3	Patterson #12	8/29/2008	9/8/2008	Wore hole in 9 5/8" CSG
Prickly Pear UF 13-15D-12-15		Craigs Roustabout #1	Craig's Roustabout #3	Patterson #12	9/10/2008	9/22/2008	Wore hole in 9 5/8" CSG
Prickly Pear UF 4-22D-12-15		Craigs Roustabout #1	Craig's Roustabout #3	Patterson #12	9/23/2008	10/3/2008	Installed Non-Rotating Protectors
Prickly Pear UF 12-21D-12-15	PrPr 21-2	Craigs Roustabout #1	Craig's Roustabout #5	Patterson #51	9/16/2008	9/26/2008	Well was drilled w/out hole in surface CSG
Prickly Pear UF 11-21D-12-15		Craigs Roustabout #1	Craig's Roustabout #5	Patterson #51	9/27/2008	10/6/2008	Well was drilled w/out hole in surface CSG
Prickly Pear UF 4-21D-12-15		Craigs Roustabout #1	Craig's Roustabout #5	Patterson #51	10/7/2008	10/17/2008	Well was drilled w/out hole in surface CSG
Prickly Pear UF 6-21D-12-15		Craigs Roustabout #1	Craig's Roustabout #5	Patterson #51	10/18/2008	10/28/2008	Wore hole in 9 5/8" CSG
Prickly Pear UF 3-21D-12-15		Craigs Roustabout #1	Craig's Roustabout #5	Patterson #51	10/30/2008	11/9/2008	
Prickly Pear UF 5-21D-12-15		AAA #4	Craig's Roustabout #5	Patterson #51	11/11/2008	11/21/2008	
Peter's Point UF 3-35D-12-16	PiPt 14-26	Craigs Roustabout #1	Pro Petro #4	SST #2	9/9/2008	9/19/2008	Well was drilled w/out hole in surface CSG
Peter's Point UF 15-26D-12-16		Craigs Roustabout #1	Pro Petro #4	SST #2	9/20/2008	9/30/2008	Well was drilled w/out hole in surface CSG
Peter's Point UF 13-26D-12-16		Craigs Roustabout #2	Pro Petro #4	SST #2	9/30/2008	10/9/2008	Well was drilled w/out hole in surface CSG
Peter's Point UF 10-26D-12-16		Craigs Roustabout #1	Pro Petro #4	SST #2	10/11/2008	10/23/2008	Wore hole in 9 5/8" CSG
Peter's Point UF 11-26D-12-16		Craigs Roustabout #2	Pro Petro #4	SST #2	10/24/2008	11/6/2008	
Peter's Point UF 12-26D-12-16		Craigs Roustabout #1	Pro Petro #4	SST #2	11/8/2008	11/21/2008	

	Drilling Operations Complete
	Currently Being Drilled
	Conductor and Surface Casing is Set





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.  
UTU-73670

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  
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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SWNW, 1574' FNL, 1288' FWL  
Sec. 21, T12S-R15E

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear / UTU-79487

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43-007-31413

10. Field and Pool or Exploratory Area  
Nine Mile/Wasatch-Mesaverde

11. Country or Parish, State  
Carbon County, UT

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

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

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

Weekly drilling activity report from 10/18/08 through 10/23/08 (report #'s 2-7).

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

Signature 

Title Regulatory Analyst

Date 10/24/2008

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

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

Office \_\_\_\_\_

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)

**RECEIVED**

**OCT 27 2008**

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

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/19/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 3

Depth At 06:00 : 3266.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 67

Morning Operations : DRILLING

Remarks :

DAYS SINCE LAST LOST TIME ACCIDENT=94  
 DAILY SAFETY MEETING=PROPER LIGHTING  
 BBL WATER USED DAILY=0  
 BBL WATER USED TOTAL=860  
 GALLONS DIESEL ON LOCATION=5217  
 GALLONS DIESEL USED DAILY=720  
 GALLONS DIESEL USED TOTAL=929  
 TUBULARS ON PRICKLY PEAR 6-21  
 1-6 1/2 AKO MOTER S/N 6183 HOURS=  
 1-6 1/2 AKO MOTER S/N 6343 HOURS=27 1/2  
 1-6 1/2 AKO MOTER S/N 2168 HOURS=  
 40-4 1/2 HEAVY WEIGHT DRILL PIPE  
 340-4 1/2 DRILL PIPE  
 21-6 1/2 DRILL COLLARS

Time To	Description
1:00 PM	DRILLING FROM 1283' TO 1924' [SLIDE & ROTATE]
1:30 PM	RIG SERVICE,BOP DRILL FUNC.P.RAMS
6:00 AM	DRILLING FROM 1924' TO 3266' [SLIDE & ROTATE]

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/18/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 2

Depth At 06:00 : 1283.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 66

Morning Operations : DRILLING

Remarks :

DAYS SINCE LAST LOST TIME ACCIDENT=93  
 DAILY SAFETY MEETING=BOP PRESSURE TEST  
 BBL WATER USED DAILY=860  
 BBL WATER USED TOTAL=860  
 GALLONS DIESEL ON LOCATION=5937  
 GALLONS DIESEL USED DAILY=209  
 GALLONS DIESEL USED TOTAL=209  
 TUBULARS ON PRICKLY PEAR 6-21  
 1-6 1/2 AKO MOTER S/N 6183 HOURS=  
 1-6 1/2 AKO MOTER S/N 6343 HOURS=3  
 1-6 1/2 AKO MOTER S/N 2168 HOURS=  
 40-4 1/2 HEAVY WEIGHT DRILL PIPE  
 340-4 1/2 DRILL PIPE  
 21-6 1/2 DRILL COLLARS

Time To	Description
7:00 AM	PREPARE TO SKID
11:00 AM	SKID OFF 4-21 ON TO 6-21
6:30 PM	RIG UP [MOVE MAN CAMPS] [DRILL RAT MOUSE COND.F/5-21,N/U BOP
10:00 PM	PRESSURE TEST UPPER COCK,KELLY,FLOOR VALVE,BLIND RAMS,PIPE RAMS, INSIDE MANUAL,HCR,CHOKE LINE,MANNIFOLD,KILL VALVE AND CHECK TO 300 PSI HIGH 250 LOW, FOR 10 MIN. TEST ANNULAR TO 1500 PSI HIGH 250 PSI LOW,, TEST CSG TO 1500 PSI FOR 30 MIN
11:00 PM	SET BEAVER SLIDE AND CATWALK,SET WEAR RING
1:00 AM	ORINTATE DIRECTIONAL TOOLS,PICK UP BHA TAG CEMENT @ 864'
3:00 AM	DRILL OUT PLUG,FLOAT,CEMENT,SHOE
6:00 AM	DRILLING FROM 1027' TO 1283' [SLIDE&ROTATE]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

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

5. Lease Serial No.  
UTU-73670

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

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

1. Type of Well

Oil Well     Gas Well     Other

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear / UTU-79487

2. Name of Operator  
Bill Barrett Corporation

8. Well Name and No.  
Prickly Pear Unit Federal 6-21D-12-15

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  
Nine Mile/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
SWNW, 1574' FNL, 1288' FWL  
Sec. 21, T12S-R15E

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 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 drilling activity report from 10/24/08 through 10/30/08 (report #'s 8-13). Final drilling reports, no further reports until completion operations resume (2009).

**RECEIVED**  
**NOV 10 2008**  
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 10/30/2008

**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)

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/25/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 9

Depth At 06:00 : 6820.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 73

Morning Operations : RUN IN HOLE

Remarks :

Time To	Description	Remarks :
7:00 AM	NIPPLE DOWN BOP	DAYS SINCE LAST LOST TIME ACCIDENT=100
11:30 AM	CLEAN AND DIG OUT CELLAR TO CEMENT	DAILY SAFETY MEETING=JACK HAMMER OPERATION
4:00 PM	JACKHAMMER OUT CELLAR	BBL WATER USED DAILY=180
9:30 PM	CUT OFF CONDUCTER CASING WELD SLIP ON COLLAR SCREW IN NEW CASING MAKE FINAL CUT WELD ON NEW WELLHEAD	BBL WATER USED TOTAL=4910
11:00 PM	NIPPLE UP BLOWOUT PREVENTERS	GALLONS DIESEL ON LOCATION=8028
1:30 AM	PRESSURE TEST BLINDS TO 3000 PSI FOR 10 MIN,PRESSURE TEST CHOKE 300PSI FOR 10 MIN AND CASING 1500PSI FOR 30 MIN AND SET NEW WEAR RING	GALLONS DIESEL USED DAILY=377
5:00 AM	RETRIEVE CASING PLUG	GALLONS DIESEL USED TOTAL=6154
6:00 AM	RUN IN HOLE	TUBULARS ON PRICKLY PEAR 6-21
		1-6 1/2 AKO MOTER S/N 6183 HOURS=10=OUT
		1-6 1/2 AKO MOTER S/N 6343 HOURS=86=OUT
		1-6 1/2 AKO MOTER S/N 2168 HOURS=4
		40-4 1/2 HEAVY WEIGHT DRILL PIPE
		340-4 1/2 DRILL PIPE
		21-6 1/2 DRILL COLLARS

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/24/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 8

Depth At 06:00 : 6820.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 72

Morning Operations : NIPPLE DOWN

Remarks :

Time To	Description	Remarks :
9:00 AM	PULL OUT OF HOLE,CHANGE BIT&MOTER	DAYS SINCE LAST LOST TIME ACCIDENT=99
1:00 PM	RUN IN HOLE WITH FILL@3500'	DAILY SAFETY MEETING=RUN IN HOLE
3:00 PM	DRILLING FROM 6726' TO 6756'	BBL WATER USED DAILY=510
3:30 PM	RIG SERVICE,BOP DRILL FUNC. P.RAMS	BBL WATER USED TOTAL=4730
5:30 PM	DRILLING FROM 6756' TO 6820'	GALLONS DIESEL ON LOCATION=8405
8:30 PM	REPAIR FLOWLINE [SEE PIN HOLE IN CSG]	GALLONS DIESEL USED DAILY=663
12:00 AM	PULL OUT OF HOLE	GALLONS DIESEL USED TOTAL=5777
3:00 AM	RUN IN HOLE SET PLUG@810'	TUBULARS ON PRICKLY PEAR 6-21
6:00 AM	NIPPLE DOWN B.O.P.	1-6 1/2 AKO MOTER S/N 6183 HOURS=10=OUT
		1-6 1/2 AKO MOTER S/N 6343 HOURS=86=OUT
		1-6 1/2 AKO MOTER S/N 2168 HOURS=4
		40-4 1/2 HEAVY WEIGHT DRILL PIPE
		340-4 1/2 DRILL PIPE
		21-6 1/2 DRILL COLLARS

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/27/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 11

Depth At 06:00 : 740700.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 75

Morning Operations : Calabrate Logging Tool on Surf, Prep to CONT Log OPEN HOLE

Remarks :

Time To	Description
1:30 PM	DRILL W/ BIT#3RR, ROTATING F/ 7286 Ft to 7398 Ft
3:00 PM	TOH 18 JTS DP & REMOVE RUBBER CSG PROTECTOR RUBBERS FROM DP, SENT TO SST Rig #2, TIH to BTM @7397 FT
4:00 PM	CONT DRILL F/ 7397 Ft to TD @7407 Ft
5:00 PM	PUMP SWEEP, CIRC BTMS UP, SLUG PIPE
8:30 PM	TOH FOR LOG OH, LD BIT & MOTOR, PULL WEAR BUSHING
10:00 PM	S. Mtg w/ HES, RU Halco Loggers, Run TO 1000', CSG SHOE, DENSITY LOG TOOL NOT WORKING
5:00 AM	WAIT ON HALLIBURTON LOGGING TOOLS TO BE DELIVERED FROM VERNAL, UT
6:00 AM	Tool on Loc @5:00 am, Calabrate Tool on Surf

DAYS SINCE LAST LOST TIME ACCIDENT=102  
DAILY SAFETY MEETING= CONNECTIONS, Trips, BOP  
DRILL= 72 SEC, FCT PIPE RAMS & Annular  
BBL WATER USED DAILY=580  
BBL WATER USED TOTAL=5490  
GALLONS DIESEL ON LOCATION= 6432 Gal  
GALLONS DIESEL USED DAILY=681 Gal  
GALLONS DIESEL USED TOTAL= 7750 Gal  
TUBULARS ON PRICKLY PEAR 6-21  
1-6 1/2 AKO MOTER S/N 6143 HOURS= 93 HRS- OUT  
@6492'-( 5465' )  
1-6 1/2 AKO MOTER S/N 6383 HOURS= 10 Hrs- OUT  
@6704 Ft,( 212' )  
1-6 1/2 AKO MOTER S/N 2168 HOURS= 33.0 Hrs- Out  
@7407 Ft-TD, ( 703' )  
40-4 1/2 HEAVY WEIGHT DRILL PIPE  
340-4 1/2 DRILL PIPE  
21-6 1/2 DRILL COLLARS

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/26/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 10

Depth At 06:00 : 7286.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 74

Morning Operations : DRILLING @7286 FT

Remarks :

Time To	Description
9:00 AM	FIN TIH BIT #3RR to 6760 Ft, WASH & REAM LAST 60 Ft FILL TO BTM @ 6820 Ft
4:30 PM	DRILL F/ 6820 Ft to 7014 Ft, ROTATING
5:00 PM	RIG SERVICE, BOP DRILL= 70 SEC, FT PIPE RAMS & ANNULAR PREVENTER
6:00 AM	DRILL F/ 7014 Ft to 7286 Ft, ROTATING

DAYS SINCE LAST LOST TIME ACCIDENT=101  
DAILY SAFETY MEETING= PRESS TESTING, TRIPPING,  
GREASE BLOCKS, MAKING CONNECTIONS, BOP  
DRILL= 70 SEC, FCT PIPE RAMS & Annular  
BBL WATER USED DAILY=0  
BBL WATER USED TOTAL=4910  
GALLONS DIESEL ON LOCATION= 7113 Gal  
GALLONS DIESEL USED DAILY=915 Gal  
GALLONS DIESEL USED TOTAL= 7069 Gal  
TUBULARS ON PRICKLY PEAR 6-21  
1-6 1/2 AKO MOTER S/N 6183 HOURS=10=OUT  
1-6 1/2 AKO MOTER S/N 6343 HOURS=86=OUT  
1-6 1/2 AKO MOTER S/N 2168 HOURS= 24.5 Hrs  
40-4 1/2 HEAVY WEIGHT DRILL PIPE  
340-4 1/2 DRILL PIPE  
21-6 1/2 DRILL COLLARS

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/29/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 13

Depth At 06:00 : 740700.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 77

Morning Operations : RIG RELEASED @14:30 PM, 10/28/08- SRIDDED RIG TO THE P.P. U.F.#3-21D.

Remarks :

Time To	Description
7:00 AM	CIRC & Cond, PIPE STUCK W/ SHOE @ 7390'
1:00 PM	S.Mtg, RU Halliburton, PR Test, PUMP 10 Bbl Water, 20 Bbl Super Flush @9.2#, 10 Bbl Water Spacers Ahead, Mix & Pump 1820 Sks POZ PRemimum 50/50-SBM W/ 2% Gel, 3% KCL, 0.75% Halad (R)-322, 2% FWCA, 3 lb/sk Silicalite, 0.125 lb/sk Poly-E-Flake & 1.0 Lb/Sk Granulite TR 1/4 CMT w/ 1.49 Yield, 7.1 Gps Mix Wtr @13.4 PPG Avg Slurry WT, Ttl 482.9 Bbbs Slurry, Drop Plug & Displace w/ 113.9 Bbl Water w/ MA-844 Added, Bump Plug @ 2 BPM SPR Press @2352# Bmp to 3200#, REL PRESS, FLOAT HELD, GOOD Returns Thru-Out Job, Super Flush In Returns @96 bbl, RD Halliburton.
2:30 PM	ND BOP'S, SET SLIPS, CLEAN PITS, RD PREP FOR SKID. NOTE: RELEASE RIG @ 14:30 PM on 10/28/2008.

DAYS SINCE LAST LOST TIME ACCIDENT=104 Days Since LTA  
 DAILY SAFETY MEETING= Cementing, ND BOP'S  
 BBL WATER USED DAILY=0  
 BBL WATER USED TOTAL=5490  
 GALLONS DIESEL ON LOCATION= 6044 Gal  
 GALLONS DIESEL USED DAILY= 388 Gal  
 GALLONS DIESEL USED TOTAL= 8138 Gal  
 TUBULARS ON PRICKLY PEAR 6-21  
 1-6 1/2 AKO MOTER S/N 6143 HOURS= 93 HRS- OUT @6492'-( 5465' )  
 1-6 1/2 AKO MOTER S/N 6383 HOURS= 10 Hrs- OUT @6704 Ft, ( 212' )  
 1-6 1/2 AKO MOTER S/N 2168 HOURS= 33.0 Hrs- Out @7407 Ft-TD, ( 703' )  
 40-4 1/2 HEAVY WEIGHT DRILL PIPE  
 340-4 1/2 DRILL PIPE  
 21-6 1/2 DRILL COLLARS  
 8 JTS 4.5", 11.6#, I-80 LTC Rng III Prod Csg

Well : Prickly Pear Fed. #6-21D-12-15

Phase/Area : West Tavaputs

Operations Date : 10/28/2008

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Report # : 12

Depth At 06:00 : 7407.00

Estimated Total Depth :

Surface Location : SWNW-21-12S-15E-W26M

Spud Date : 8/13/2008

Days From Spud : 76

Morning Operations : CIRC & COND MUD W/ CSG IN HOLE @7397 FT, KBM, RD CSG RUN EQUIPT

Remarks :

Time To	Description
10:00 AM	RIH LOG TOOLS, LOG TRIPLE COMBO F/ WL MEAS 7396" to SURF @1040', RD WL
1:00 PM	TIH TRI-CONE BIT, FILL DP @4030', 1' FILL
2:00 PM	Circ & Cond Hole @TD, 7407', Recipicate pipe
10:00 PM	PUMP SLUG, TOH LAY DOWN DP, HAD TO PUMP 1st 18 Jts Out OF HOLE, Set Kelley Back & SLUG PIPE After PIPE FREE UP
5:30 AM	FETY MEETING, RU CSG RUN EQUIPT, RUN TOTAL OF 176 JTS, 11.6#, I-80, LT&C PROD CSG Inc 2 MKR JTS, F. COLL, FLOAT SHOE & 36 CENTRALIZERS LAND CSG @7397 FT
6:00 AM	CIRC W/ CSG @7397 FT & RD CSG RUN EQUIPT.

DAYS SINCE LAST LOST TIME ACCIDENT=103 Days Since LTA  
 DAILY SAFETY MEETING= Logging, Triping, LD DP, RUN CSG, BOP DRILL= 72 SEC, FCT PIPE RAMS & Annular  
 BBL WATER USED DAILY=0  
 BBL WATER USED TOTAL=5490  
 GALLONS DIESEL ON LOCATION= 6044 Gal  
 GALLONS DIESEL USED DAILY= 388 Gal  
 GALLONS DIESEL USED TOTAL= 8138 Gal  
 TUBULARS ON PRICKLY PEAR 6-21  
 1-6 1/2 AKO MOTER S/N 6143 HOURS= 93 HRS- OUT @6492'-( 5465' )  
 1-6 1/2 AKO MOTER S/N 6383 HOURS= 10 Hrs- OUT @6704 Ft, ( 212' )  
 1-6 1/2 AKO MOTER S/N 2168 HOURS= 33.0 Hrs- Out @7407 Ft-TD, ( 703' )  
 40-4 1/2 HEAVY WEIGHT DRILL PIPE  
 340-4 1/2 DRILL PIPE  
 21-6 1/2 DRILL COLLARS  
 8 JTS 4.5", 11.6#, I-80 LTC Rng III Prod Csg

**CONFIDENTIAL**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

**SUMMARY 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-73670  
6. If Indian, Allottee or Tribe Name  
N/A

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

1. Type of Well  
 Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear / UTU-79487

2. Name of Operator  
Bill Barrett Corporation

8. Well Name and No.  
Prickly Pear Unit Federal 6-21D-12-15

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

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

9. API Well No.  
43-007-31413

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
SWNW, 1574' FNL, 1288' FWL  
Sec. 21, T12S-R15E

10. Field and Pool or Exploratory Area  
Nine Mile/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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly completion activity reports from 11/22/08-12/4/08 (report #'s 1-3). Ran CBL, no further reports likely until 2009.

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 \_\_\_\_\_ 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 08 2008

DIV. OF OIL, GAS & MINING

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : Prickly Pear Fed. #6-21D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Ops Date : 11/29/2008 Report # : 3

AFE # : 15183D

Summary : Rig up Gyro/ Data EL Truck. RIH recording DATA every 100'. POOH. Rig down. SWI

End Time

Description

5:00 AM

Rig up Gyro / Data EL Truck. RIH recording DATA every 100'. POOH. Rig down. SWI

11:59 PM

SI

Well Name : Prickly Pear Fed. #6-21D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Ops Date : 11/25/2008 Report # : 2

AFE # : 15183D

Summary : Rig up HES. Pick up R-CBL Tool. RIH to 7262'. Log up to 910'. CMT TOP @ 752'. Under 1000 PSI. POOH LD R-CBL tools. SWI

End Time

Description

10:00 AM

SI

10:30 AM

Rig up HES EL Truck

2:30 PM

Pick up R-CBL tool. RIH to 7262'. Log up to 910'. CMT TOP @ 752'. POOH. Lay down tools. Rig down SWI

11:59 PM

SI

Well Name : Prickly Pear Fed. #6-21D-12-15

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWNW-21-12S-15E-W26M	43-007-31413

Ops Date : 11/23/2008 Report # : 1

AFE # : 15183D

Summary : Rig up CasedHole Solutions EL Truck. PU 3.70" Gauge Ring to. RIH to 7258' PBTD @ POOH. Pick up CBL tools RIH, Log from 7258' to 1050' TOC. Under 1000 psi. Lay down CBL tools. Rig down EL truck and release.

End Time

Description

12:30 PM

SI

1:00 PM

RU Casedhole Solutions EL Truck

2:00 PM

Pick up 3.70" gauge ring. RIH to 7258' PBTD, POOH lay down GR

4:30 PM

Pick up CBL tool, RIH to 7258' log up to 1050', TOC POOH lay down CBL.

5:00 PM

Rig down EL truck and release.

11:59 PM

SI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**tfallang**  
**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-73670

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. Prickly Pear / UTU-79487
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Prickly Pear Unit Federal 6-21D-12-15
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31413
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW, 1574' FNL, 1288' FWL Sec. 21, T12S-R15E		10. Field and Pool or Exploratory Area Nine Mile/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 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 activity from 12/5/08 through 1/5/09.

\*\*\*STATE ONLY\*\*\*

**RECEIVED**

**JAN 08 2009**

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

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang	Title Regulatory Analyst
Signature <i>Tracey Fallang</i>	Date 01/05/2009

**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	

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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

**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-73670

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)  
SWNW, 1574' FNL, 1288' FWL  
Sec. 21, T12S-R15E

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear / UTU-79487

8. Well Name and No.  
Prickly Pear Unit Federal 6-21D-12-15

9. API Well No.  
43-007-31413

10. Field and Pool or Exploratory Area  
Nine Mile/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 Weekly Activity 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 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.)

No activity from 01/06/09 through 02/02/2009. Out for winter stips.

\*\*\*STATE ONLY\*\*\*

RECEIVED  
FEB 05 2009  
DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

Date 02/02/2009

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

Approved by

Title

Date

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Office

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(Instructions on page 2)

fallang  
**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

**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.  
see attached

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

**COPY**

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator  
Bill Barrett Corporation

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear/UTU-79487

8. Well Name and No.  
see attached PPK Fed 6-21D-12-15

9. API Well No.  
43 007 31413

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  
see attached/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
see attached 12S 15E 21

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 Revised layout and measurement
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

This sundy is being submitted as a follow up to clarify testing/allocation methods for the attached wells.

Initial testing would occur (or has occurred) as soon as possible after production is established and would be a 1-3 day test to get a baseline for allocation. After the intial test is performed, BBC would move to quarterly testing, testing each well for 7-10 days and rotating through the wells without any downtime between tests. Revised site security diagrams will be submitted as wells are completed.

COPY SENT TO OPERATOR

Date: 2.24.2009

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 02/10/2009

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

Approved by

*[Signature]*

Title

Pet-Eng

Date

2/17/09

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

DOGm

Federal Approval Of This  
Action Is Necessary

**RECEIVED**

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FEB 17 2009

(Instructions on page 2)

DIV. OF OIL, GAS & MINING

WELL NAME	FIELD	COUNTY	QTR/QTR	SEC	TWN-RNG	FOOTAGE CALLS			LEASE #	# OF TANKS	
PRICKLY PEAR U FED 1-28-12-15	NINE MILE CANYON	CARBON	NENE	28	12S-15E	805	N	1184	E	UTU-73670	(2) Multiple Well Prod Tanks (1) Prod Tank (9-28D) (1) Test Tank (1) Blowdown Tank
PRICKLY PEAR U FED 5-27D-12-15	NINE MILE CANYON	CARBON	NENE	28	12S-15E	795	N	1154	E	UTU-0137844	
PRICKLY PEAR U FED 8-28D-12-15	NINE MILE CANYON	CARBON	NENE	28	12S-15E	800	N	1169	E	UTU-73670	
PRICKLY PEAR U FED 9-28D-12-15	NINE MILE CANYON	CARBON	NENE	28	12S-15E	811	N	1199	E	UTU-73670	
PRICKLY PEAR U FED 2-28D-12-15	NINE MILE CANYON	CARBON	NWNE	28	12S-15E	650	N	1412	E	UTU-73670	
PRICKLY PEAR U FED 5A-27D-12-15	NINE MILE CANYON	CARBON	NWNE	28	12S-15E	648	N	1380	E	UTU-0137844	
PRICKLY PEAR U FED 16X-21D-12-15	NINE MILE CANYON	CARBON	NWNE	28	12S-15E	649	N	1396	E	UTU-73670	
PRICKLY PEAR U FED 1A-28D-12-15	NINE MILE CANYON	CARBON	NWNE	28	12S-15E	648	N	1364	E	UTU-73670	
PRICKLY PEAR U FED 11-15D-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	560	N	1992	W	UTU-65773	(3) Multiple Well Prod Tanks (1) Test Tank (1) Blowdown Tank
PRICKLY PEAR U FED 3-22-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	550	N	2039	W	UTU-011604	
PRICKLY PEAR U FED 5-22D-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	557	N	2008	W	UTU-011604	
PRICKLY PEAR U FED 7-22D-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	553	N	2023	W	UTU-011604	
PRICKLY PEAR U FED 14-15D-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	712	N	2294	W	UTU-65773	
PRICKLY PEAR U FED 6-22D-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	716	N	2279	W	UTU-011604	
PRICKLY PEAR U FED 13-15D-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	719	N	2263	W	UTU-65773	
PRICKLY PEAR U FED 4-22D-12-15	PRICKLY PEAR	CARBON	NENW	22	12S-15E	722	N	2247	W	UTU-011604	
PRICKLY PEAR UNIT 21-2	NINE MILE CANYON	CARBON	SWNW	21	12S-15E	1620	N	1247	W	UTU-73670	(4) Multiple Well Prod Tanks (1) Test Tank (1) Blowdown Tank
PRICKLY PEAR U FED 12-21D-12-15	NINE MILE CANYON	CARBON	SWNW	21	12S-15E	1609	N	1256	W	UTU-73670	
PRICKLY PEAR U FED 11-21D-12-15	NINE MILE CANYON	CARBON	SWNW	21	12S-15E	1597	N	1266	W	UTU-73670	
PRICKLY PEAR U FED 4-21D-12-15	NINE MILE CANYON	CARBON	SWNW	21	12S-15E	1585	N	1277	W	UTU-73670	
PRICKLY PEAR U FED 6-21D-12-15	NINE MILE CANYON	CARBON	SWNW	21	12S-15E	1574	N	1288	W	UTU-73670	
PRICKLY PEAR U FED 3-21D-12-15	NINE MILE CANYON	CARBON	SWNW	21	12S-15E	1562	N	1298	W	UTU-73670	
PRICKLY PEAR U FED 5-21D-12-15	NINE MILE CANYON	CARBON	SWNW	21	12S-15E	1550	N	1309	W	UTU-73670	
PRICKLY PEAR U FED 13-22-12-15	NINE MILE CANYON	CARBON	SWSW	22	12S-15E	836	S	451	W	UTU-011604	(5) Multiple Well Prod Tanks (1) Test Tank (1) Blowdown Tank
PRICKLY PEAR U FED 3-27D-12-15	NINE MILE CANYON	CARBON	SWSW	22	12S-15E	815	S	475	W	UTU-0137844	
PRICKLY PEAR U FED 4-27D-12-15	NINE MILE CANYON	CARBON	SWSW	22	12S-15E	825	S	463	W	UTU-0137844	
PRICKLY PEAR U FED 4A-27D-12-15	NINE MILE CANYON	CARBON	SWSW	22	12S-15E	848	S	471	W	UTU-0137844	
PRICKLY PEAR U FED 14-22D-12-15	NINE MILE CANYON	CARBON	SWSW	22	12S-15E	858	S	459	W	UTU-011604	
PRICKLY PEAR U FED 11-22D-12-15	NINE MILE CANYON	CARBON	SWSW	22	12S-15E	869	S	447	W	UTU-011604	
PRICKLY PEAR U FED 12-22D-12-15	NINE MILE CANYON	CARBON	SWSW	22	12S-15E	879	S	434	W	UTU-011604	
PRICKLY PEAR U FED 1-20-12-15	NINE MILE CANYON	CARBON	NENE	20	12S-15E	689	N	777	E	UTU-073669	(3) Multiple Well Prod Tanks (1) Test Tank (1) Blowdown Tank
PRICKLY PEAR U FED 8-20D-12-15	NINE MILE CANYON	CARBON	NENE	20	12S-15E	700	N	755	E	UTU-073669	
PRICKLY PEAR U FED 1A-20D-12-15	NINE MILE CANYON	CARBON	NENE	20	12S-15E	684	N	760	E	UTU-073669	
PRICKLY PEAR U FED 2-20D-12-15	NINE MILE CANYON	CARBON	NENE	20	12S-15E	669	N	765	E	UTU-073669	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
**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-73670
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. Prickly Pear / UTU-79487
2. Name of Operator Bill Barrett Corporation		8. Well Name and No. Prickly Pear Unit Federal 6-21D-12-15
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	9. API Well No. 43-007-31413
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW, 1574' FNL, 1288' FWL Sec. 21, T12S-R15E		10. Field and Pool or Exploratory Area Nine Mile/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 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.)

No activity from 02/03/09 through 03/12/2009. Out for winter stips.

\*\*\*STATE ONLY\*\*\*

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 03/12/2009

**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 16 2009**

**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**  
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5. Lease Serial No.  
UTU-73670

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)  
SWNW, 1574' FNL, 1288' FWL  
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7. If Unit of CA/Agreement, Name and/or No.  
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8. Well Name and No.  
Prickly Pear Unit Federal 6-21D-12-15

9. API Well No.  
43-007-31413

10. Field and Pool or Exploratory Area  
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11. Country or Parish, State  
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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 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 activity from 3/12/09 through 4/15/2009. Out for winter stips.

\*\*\*STATE ONLY\*\*\*

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

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature *Tracey Fallang*

Date 04/15/2009

**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 20 2009**

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

**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

**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-73670

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

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

1. Type of Well

Oil Well     Gas Well     Other

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear / UTU-79487

8. Well Name and No.  
Prickly Pear Unit Federal 6-21D-12-15

2. Name of Operator  
Bill Barrett Corporation

9. API Well No.  
43-007-31413

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  
Nine Mile/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SWNW, 1574' FNL, 1288' FWL  
Sec. 21, T12S-R15E

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 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 activity from 4/16/09 through 5/14/2009.

\*\*\*STATE ONLY\*\*\*

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

Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

Date 05/14/2009

**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 18 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-73670
<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> PRICKLY PEAR
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 6-21D-12-15
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314130000
<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> 1574 FNL 1288 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 21 Township: 12.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON  <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-73670
<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> PRICKLY PEAR
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<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1574 FNL 1288 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 21 Township: 12.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 8/3/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

No activity, waiting on completion.

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

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73670
<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> PRICKLY PEAR
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 6-21D-12-15
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<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 312-8128 Ext
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 8/25/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Completion activity report, 7/27/09 through 8/25/09.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 31, 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> 8/28/2009	



Prickly Pear Fed. #6-21D-12-15 7/27/2009 06:00 - 7/28/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. MIRU frac equipment, flow back, set frac tree and goat head. - 18, SI wait on frac's - 6

Prickly Pear Fed. #6-21D-12-15 8/4/2009 06:00 - 8/5/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. - 12, Rig HES frac and EI on well - 1, Pressure test frac tree. Casing to 6000 psi. held OK. tets flow back iron to 8000 psi. OK. Bleed off - 0.5, HES perf stage 1 P.R. PU 10 ft. Perf gun. RIH corerelate to short jt. run to perf depth check depth to casing collar. Perforate @ 7225-7235. 3 SPF, 120 phasing, 22.7 gram char. .420. holes. 35" pen. POOH lay down tools. - 1.5, SIFN. load Co2. - 9

Prickly Pear Fed. #6-21D-12-15 8/5/2009 06:00 - 8/6/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI - 6.5, Safety meeting. Frac. Co2, Flow back. pressure test. EI work. - 0.5, HES frac stage 1 Price River 70Q foam frac. ( This well has FRD-S918 chem. ) Load & Break @ 3,893 PSI @ 17 BPM. Avg. Wellhead Rate: 24.4 BPM. Avg. Slurry Rate: 9.6 BPM. Avg. CO2 Rate: 13.5 BPM. Avg. Pressure: 3,641 PSI. Max. Wellhead Rate: 25.4 BPM. Max. Slurry Rate: 11.3 BPM. Max. CO2 Rate: 16.6 BPM. Max. Pressure: 3,893 PSI. Total Fluid Pumped: 20,324 Gal. Total Sand in Formation: 88,000 lb. (20/40 White) Linde CO2 Downhole: 128 tons. CO2 Cooldown: 5 ton. Had problems in frac van with with CO2 rates ran over 5 ton in pad before fixing problem. ISIP: 2,901 PSI. Frac Gradient: 0.84 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. GBW -30 is being trickled in the tub , the DA pump has not beed working properly, going to change out pumps between stages. Had problems with frac valve closing.' - 1, HES EI stage 2 Price River. PU HES CFP with 12 ft. perf guns. Had problems with top flange on frac tree goat head holding PSI. RIH correlate to short jt. run to setting depth set CFP @ 7170 ft. PU pressure up casing 500 psi over sl. Perforate @ 7091-7005, 7067-7071 & 7055-7059, 3 SPF, 120 phasing, 22.7 gram charges. .420 holes. 35" pen. POOH turn well over to frac. - 2.5, HES frac stage 2 Price River 70Q foam frac. Load & Break @ 5,250 PSI @ 16.4 BPM. Avg. Wellhead Rate: 38.3 BPM. Avg. Slurry Rate: 15.2 BPM. Avg. CO2 Rate: 21.5 BPM. Avg. Pressure: 5,468 PSI. Max. Wellhead Rate: 41.6 BPM. Max. Slurry Rate: 17.5 BPM. Max. CO2 Rate: 29.4 BPM. Max. Pressure: 5,952 PSI. Total Fluid Pumped: 24,190 gal. Total Sand in Formation : 112,400 lb. (20/40 White Sand) Praxair CO2 Downhole: 141 tons. CO2 Cooldown: 7 ton. ISIP: 3,252 PSI. Frac Gradient: 0.90 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. Had problems with frac valve closing. - 1.5, HES EL stage 3 Price River. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7040 ft. PU pressure up casing 500 over SI. Perforate @ 7004-7006, 6955-6959, 6942-6944 & 6920-6922, 3 SPF, 120 phasing, 22.7 gram charges. .420 holes. 35" pen. POOH turn well over to frac. - 1.75, HES frac stage 3 price River 70Q foam frac. Load & Break @ 4171 PSI @ 15 BPM. Avg. Wellhead Rate: 28.9 BPM. Avg. Slurry Rate: 11.6 BPM. Avg. CO2 Rate: 16.1 BPM. Avg. Pressure: 5,089 PSI. Max. Wellhead Rate: 30.1 BPM. Max. Slurry Rate: 14.4 BPM. Max. CO2 Rate: 19.7 BPM. Max. Pressure: 5,404 PSI. Total Fluid pumped: 21,052 Gal. Total Sand in Formation: 96,100 lb. (20/40 White ) linde CO2 Downhole: 132 tons. CO2 Cooldown: 5 tons. ISIP: 3,355 PSI. Frac Gradient: 5 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, SIFN Opsco monitor pressure over night. - 9.25

Prickly Pear Fed. #6-21D-12-15 8/6/2009 06:00 - 8/7/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
Shut in. - 7, Woodgroup change out frac valve on frac tree. Could not open and close under pressure. - 2, HES EL stage 4 Dark Canyon. PU HES CFP with 30 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6890 ft. PU pressure up casin g 500 psi over shut in. Perforate @ 6816-6846, 1 SPF, 180 phasing, 22.7 gram charge. 7" pen. .560 hole. POOH turn well over to frac. - 1.5, Safety meeting. H2S in 4-21D. Flow back. EI work. Frac. - 0.25, HES frac stage 4 Dark Canyon 70Q foam frac. Load & Break @ 4823 PSI @ 17 BPM. Avg. Wellhead Rate: 25.1 BPM. Avg. Slurry Rate: 25.1 BPM. Avg. Co2 Rate: 15 BPM. Avg. Pressure: 5,522 PSI. Max. wellhead Rate 31.9 BPM. Max. Slurry Rate: 12.6 BPM. Max. Co2 Rate: 22.6 BPM. Max. Pressure: 6,337 PSI. Total Fluid pumped: 13,193 Gal. Total Sand in Formation: 374 sack. sack in wellbore: 117 sacks. Screenout frac. Gel was not pumped during frac. Gel pro was set on Micromotion. gel showing right amount that was to be pumped in frac van. pumped 15 gal. total. pumped 34% of design. Praxair CO2 pumped: 95 tons. Co2 Cooldown: 5 ton.. ISIP: N/A PSI. Frac Gradient: N/A psi/ft. no flush could not pump into formation. - 1, Flow back stages 1-4 through Opsco. - 12.25, HES concerned about flow back having H2S because of 4-21 having H2S. Halliburton was shut down from working on equipment. left Loc. Discussing with flow back about possible H2S flow back was OK to continue with flow back with equipment on Loc. - 0, Flow back continued due to two LEL trailers on loc with monitor in place at wellhead and flow back and hand held on personal. 4 -21D SI lock out tag out. with LEL monitor at well head for possible leaks. flow back crew checking loc for gas. - 0

Prickly Pear Fed. #6-21D-12-15 8/7/2009 06:00 - 8/8/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
Shut in Flow back was shut in at 10 PM. FCP 460 psi on 48 ck. recovered 152 bbl in 8 hours. - 6, Shut in - 18

Prickly Pear Fed. #6-21D-12-15 8/8/2009 06:00 - 8/9/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI Waiting on fracs - 6

RECEIVED August 26, 2009

**Prickly Pear Fed. #6-21D-12-15 8/9/2009 06:00 - 8/10/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI wait on fracs - 24

**Prickly Pear Fed. #6-21D-12-15 8/10/2009 06:00 - 8/11/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. - 7, Rig HES EL on well. - 1.5, HES run 3.620" Gauge ring tag sand fill at 6539 ft. 330 ft. sand from CFP stages 5&6 covered with sand.POOH. - 1.5, Safety drill on H2S. Safety Meeting, H2S, Frac , CO2, Rigging on and off wells. - 0.5, Shut in - 7.5, Flow stages 1-4 try to flow sand out of well bore. through Opsco flow equipment. - 6

**Prickly Pear Fed. #6-21D-12-15 8/11/2009 06:00 - 8/12/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
Flow stages 1-4 FCP: 160 psi on 1.5" open flow line. recovered 112 bbl light sand. CO2 samples showed 22 ppm. H2S. pulled at test unit. - 5, SI. - 19

**Prickly Pear Fed. #6-21D-12-15 8/12/2009 06:00 - 8/13/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. Waiting on gauge ring run and sand clean - 24

**Prickly Pear Fed. #6-21D-12-15 8/13/2009 06:00 - 8/14/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
Shut in wait on clean out - 24

**Prickly Pear Fed. #6-21D-12-15 8/14/2009 06:00 - 8/15/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
Shut in waiting on clean sand clean out - 24

**Prickly Pear Fed. #6-21D-12-15 8/15/2009 06:00 - 8/16/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. Opsco monitor loc for H2S. - 6, SI. - 18

**Prickly Pear Fed. #6-21D-12-15 8/16/2009 06:00 - 8/17/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. Opsco monitor loc. for H2S. SI - 6, SI wait on clean out or flow back. - 18

**Prickly Pear Fed. #6-21D-12-15 8/17/2009 06:00 - 8/18/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. wait on clean out. - 6, SI. MIRU HES Frac & EI - 18

**Prickly Pear Fed. #6-21D-12-15 8/18/2009 06:00 - 8/19/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary  
SI. - 15, Pull gas sample from flow cross valve. - 0.25, SI. HES pump 15 gal. Gas treat and 38 gal.T Chlor chem down casing. pressure up to 4780 psi. shut down. no bleed off on pressure. open bleedoff to pit bleed down to 2500 psi. SI well. - 1, HES PU 3.260 Gauge ring. RIH tag sand fill at 6759 ft. POOH PU HES CBP 8K. RIH correlate to shortjit. run to setting depth Set CBP @ 6745 ft. POOH . SI. rig off well. - 3.25, Opsco bleed off PSI through flow equipment.. - 0.5, SI. - 4

RECEIVED August 28, 2009



Prickly Pear Fed. #6-21D-12-15 8/19/2009 06:00 - 8/20/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

Shut in. - 7, Wood Group Change out frac tree. - 3, HES MI RU frac trucks and pump lines. Pressure test frac tree to 7000 psi. and casing to 6000 psi. held good test. bleed off pressure. and shut in well. - 2, HES EL stage 5 Dark Canyon. PU 30 ft. perf guns. RIH correlate to short jt. run to perf depth check depth to casing collar. Perforate @ 6682-6692 & 6647-6667, 1 SPF, 180 phasing, 22.7 gram charge. .560 holes. 7" pen. POOH turn well over to frac. - 1.5, HES frac stage 5 Dark Canyon 70Q foam frac. Load & Break @ 4,053 PSI @ 5 BPM. Avg. Wellhead Rate: 37.6 BPM. Avg. Slurry Rate: 15.2 BPM. Avg. CO2 Rate: 20.9 BPM. Avg. Pressure: 5,644 PSI. Max. Wellhead Rate: 39.1 BPM. Max. Slurry rate: 19.5 BPM. Max. CO2 Rate: 25.6 BPM. Max. Pressure: 6,047 PSI. Total Fluid Pumped: 24,847 gal. Total Sand in Formation: 120,300 lb. (20/40 White) Linde CO2 Downhole: 163 tons. CO2 Cooldown: 8 ton. ISIP: 3,007 PSI. Frac Gradient: 0.89 psi/ft. trucks kicking out at start of 4# sand stage due to high pressure. dropped rate to keep from kicking out pumps. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Shut in for two hours. - 2, Flow back stage 5 D.C. through Opsco flow equipment. With Total Safety personal and equipment on loc. SICP: 2100 psi fluid to recover 2202 bbl. - 7.5

Prickly Pear Fed. #6-21D-12-15 8/20/2009 06:00 - 8/21/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

Flow back stage 5 dark Canyon through Opsco flow equipment and Total Safety monitor Loc. FCP: 185 psi on 48 ck. Recovered 237 bbl in 13.5 hours avg. of 17.55 BPH. CO2: 40% . - 7, Shut in HES PU 3.650 Gauge ring and junk basket. RIH ckeck depth for stage 6. Clear of sand. POOH - 2, Flow stage 5 through Opsco flow equipment. Monitor for H2S. flare off gas. Pulled gas sample at 10 AM no H2S detected. Pull H2S sample at 12 noon 0 H2S detected, 40% CO2. - 3, SI - 0.5, HES EL stage 6 North Horn. PU HES CFP with 30 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6630 ft. PU perforate @ 6599-6509, 6583-6593 & 6555-6565, 1 SPF, 180 phasing, 22.7 gram charge. .560 holes. 7" pen. POOH turn well over to frac. - 1.5, Safety meeting. Frac, Co2, Pressure, EL/perf guns wind direction. - 0.5, HES frac stage 6 North Horn 60Q foam frac. Load & Break @ 4,276 PSI @ 20 BPM. Avg. Wellhead Rate: 38.3 BPM. Avg. Slurry Rate: 18.6 BPM. Avg. CO2 Rate: 18.1 BPM. Avg. Pressure: 5,646 PSI. Max. Wellhead Rate: 40.3 BPM. Max. Slurry Rate: 22.2 BPM. Max. CO2 Rate: 26.4 BPM. Max. Pressure: 6,047 PSI. Total Fluid pumped: 31,986 Gal. Total Sand in Formation: 136,300LB. (20/40 White) Praxair CO2 Downhole: 150 Tons. CO2 Cooldown: 6 tons. ISIP: 4,158 PSI. Frac Gradient: 1.07 psi/ft. cooldown CO2 pumps started pumping at half rate to get break and ramped up to design rates. CO2 pump kicked out in 4# sand stage, spike sand to 4.5 ppg. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Shut in for two hours - 2, Flow back stages 5&6. - 6.5

Prickly Pear Fed. #6-21D-12-15 8/21/2009 06:00 - 8/22/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

Flow back stages 5&6 through Opsco flow equipment. FCP: at 6 AM 600 psi. on 42 ck. gas rate of .8586 MCFD CO2: 40+ % . - 6, Flow stages 5&6 FCP 490 psi on 42 ck. CO2: 40+ % . - 1.5, Flow stage 5&6 FCP: 380 CO2: 40+ % . - 1.5, Flow stages 5&6. FCP: 235 psi on 42 ck. CO2: 40+ % . - 1, Flow stages 5&6 FCP: 135 psi on 42 ck. CO2: 40+ % . - 2, flow stages 5&6 FCP: 105 psi on 42 ck. CO2: 40 % . - 1, flow stage 5&6 FCP: 105 psi on 42 ck. CO2: 40% . - 1, flow stage 5&6 FCP: 103 psi on 42 ck. Co2: 40 % . - 1, flow stages 5&6 FCP: 100 psi on 42 ck through test equipment. CO2: 40% . - 1, flow back over night. through Opsco equipment Total safety monitor Loc. - 8, - 0

Prickly Pear Fed. #6-21D-12-15 8/22/2009 06:00 - 8/23/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

Flow back stages 5&6, FCP: 60 psi on 48 ck. recovered 113 bbl in 24 hours. CO2: 40 %, 1748 bbl left to recover. - 6, Flow stages 5&6 tFCP: 70 psi on 48 ck. CO2: 40+ % . - 3, SI. HES PU run 3.650 gauge ring to check plug back. tag sand and stuck gauge ring @ 6455 ft. from CFP to tag 175 ft. stage 7 bottom perf covered 43 ft. half of stage covered. Flow casing to free gauge ring. POOH with gauge ring and junk basket. lay down tools. Move EL to 3-21D for stage 9. - 1.5, SI build pressure to try to blow sand out of wellbore. rig frac off well move to 3-21D. - 13

Prickly Pear Fed. #6-21D-12-15 8/23/2009 06:00 - 8/24/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

SI build pressure. SICP; 1030 in 23 hours. - 10, Open casing flow through Opsco test equipment flare off gas. pressure dropped to 100 psi.. SI. - 3, EL gauge ring tag @ 6417 increase of 38 ft. of sand. stuck gauge ring flow casing to free tools. POOH lay down tools - 1.5, SI. - 9.5

Prickly Pear Fed. #6-21D-12-15 8/24/2009 06:00 - 8/25/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

SI. MI Coil Tubing - 6, SI - 18

RECEIVED August 28, 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-73670
<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> PRICKLY PEAR
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 6-21D-12-15
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314130000
<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> 1574 FNL 1288 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 21 Township: 12.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 9/4/2009	<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 checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  
 This sundry is being submitted as notification that this well had first sales on  
 9/3/09.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 September 08, 2009

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/4/2009	

<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-73670
<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> PRICKLY PEAR
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 6-21D-12-15
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314130000
<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> 1574 FNL 1288 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 21 Township: 12.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 9/13/2009	<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.  
 Completion activity report, 8/26/09-9/13/09.

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

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 9/14/2009



**Prickly Pear Fed. #6-21D-12-15 8/26/2009 06:00 - 8/27/2009 06:00**

AP/UWI	43-007-31413
State/Province	Utah
County	Carbon
Field Name	West Tavaputs
Well Status	Drilling
Total Depth (ftKB)	
Primary Job Type	Drilling & Completion

Time Log Summary  
 SICP: 1110 - 15. Rig Coil Lubing Services on well. - 1. SI. Wait on N2 transport. - 8  
 @ 6890 and drill out H2S 2 ppm. CO2. Rih tag CFP @ 7040 ft. drill out. Rih tag sand at 7150 clean out to 7168 CFP. drill out. Rih to 7221 ft. Clean out rat  
 back. - 0.5. CTS run in well circ. 300 SCFM. N2. 50 bbl fluid. 5000 ft. up rat to 1.5 BPM. N2 at 500 SCFM. - 1.5. start circ sand @ 6420 clean out to 6630 CFP.  
 SICP: 1130 - 6. PU Weatherford down hole motor with jars and drag bit. Pressure test, pull test, function test @ 1.5 BPM 1700 psi. - 1. Safety Meet. drilling. flow  
 Weatherford tools. Rig Coil off. Nipple up frac Y. Move to 11-21D. - 1. Flow back stages 1-6 through Opsco flow equipment. - 9

**Prickly Pear Fed. #6-21D-12-15 8/28/2009 06:00 - 8/29/2009 06:00**

AP/UWI	43-007-31413
State/Province	Utah
County	Carbon
Field Name	West Tavaputs
Well Status	Drilling
Total Depth (ftKB)	
Primary Job Type	Drilling & Completion

Time Log Summary  
 Flow stages 1-6 FCP: 275 psi. on 48 ck. recovered 633 bbl in 15.5 hours. avg. of 40.83 BPH drilling plugs. CO2: 20%. gas rate of .757 MCFD. - 6. Shut in for  
 drill out on 11-21D - 18

**Prickly Pear Fed. #6-21D-12-15 8/29/2009 06:00 - 8/30/2009 06:00**

AP/UWI	43-007-31413
State/Province	Utah
County	Carbon
Field Name	West Tavaputs
Well Status	Drilling
Total Depth (ftKB)	
Primary Job Type	Drilling & Completion

Time Log Summary  
 SICP: 1425 PSI. - 9.5. Rig HES Frac & EI on well. - 2.75. HES EL stage 7 North Horn. PU HES CFP with perf guns. Rih correlate to short j. run to setting depth  
 set CFP @ 6550 ft. PU perforate @ 6498-6508 & 6402-6412. 2 SPF. 180 phasing. 22.7 gram charge. 560 holes. 7" pen. POOH turn well over to frac. - 1.5.  
 Safety Meeting. Employee not wearing safety harness on wellhead. Rigging up. Change of frac tree. Safety on well head. CO2. Flowing of well. - 0.5. HES frac  
 stage 7 North Horn 600 foam frac. Load & Break @ 3,662 PSI @ 17.7 BPM. Avg. Wellhead Rate: 33.9 BPM. Avg. Slurry Rate: 16.7 BPM. Avg. CO2 Rate: 15.7  
 BPM. Avg. Pressure: 5,433 PSI. Max. Wellhead Rate: 35.4 BPM. Max. Slurry Rate: 19.5 BPM. Max. CO2 Rate: 21.6 BPM. Max. Pressure: 6035 PSI. Total Fluid  
 Pumped: 26,745 gal. Total Sand in Formation: 112,100 lb. (20/40 White) Praxair: CO2 Downhole: 138 ton. CO2 Cooldown: 10 ton. ISIP: 4,153 PSI. Frac  
 Gradient: 1.08 psi/ft. Successfully flushed wellbore with 500 foam 50 bbl over flush with 500 gal. fluid cap. - 1.05. HES EL stage 8 North Horn. PU HES CFP  
 with 10 ft. perf guns. Rih correlate to short j. run to setting depth set CFP @ 5950 ft. PU pressure up casing 500 psi. perforate @ 5900-5904. 5890-5892 &  
 5841-5845. 3 SPF. 120 phasing. 22.7 gram charge. 420 holes. 7" pen. POOH turn well over to frac. - 1.7. HES frac stage 8 North Horn 600 foam frac. Load  
 & Break @ 5,105 PSI. @ 15.6 BPM. Avg. Wellhead Rate: 24.2 BPM. Avg. Slurry Rate: 11.4 BPM. Avg. Pressure: 4,829 PSI. Max. Wellhead Rate: 25.2 BPM.  
 Max. Slurry Rate: 13.9 BPM. Max. CO2 Rate: 15.9 BPM. Max. Pressure: 5,240 PSI. Total Fluid Pumped: 20,185 Gal. Total Sand in Formation: 83,900 lb. (20/40  
 White) Linde CO2 Downhole: 104 ton. CO2 Cooldown: 4 ton. ISIP: 3,498 PSI. Frac Gradient: 1.04 psi/ft. Successfully flushed wellbore with 500 foam 50 bbl  
 over flush with 500 gal. fluid cap. - 1. SIFN Opsco monitor well over night. - 6

**Prickly Pear Fed. #6-21D-12-15 8/30/2009 06:00 - 8/31/2009 06:00**

AP/UWI	43-007-31413
State/Province	Utah
County	Carbon
Field Name	West Tavaputs
Well Status	Drilling
Total Depth (ftKB)	
Primary Job Type	Drilling & Completion

Time Log Summary  
 SICP: 1925 psi. - 6. HES EL stage 9 North Horn. PU HES CFP with 30 ft. perf guns. Rih correlate to short j. run to setting depth set CFP @ 5795 ft. PU  
 pressure up casing 500 psi. Perforate @ 5725-5755. 1 SPF. 180 phasing. 22.7 gram charge. 560 holes. 7" pen. POOH turn well over to frac. - 1.25. Safety  
 meeting. Frac. EL work. Safety on wellhead. Climbing on wellhead. - 0.5. HES frac stage 9 North Horn 600 foam frac. Load & Break @ 3,125 PSI @ 17.3 BPM. Avg.  
 Wellhead Rate: 17.6 BPM. Avg. Slurry Rate: 8.1 BPM. Avg. CO2 Rate: 8.5 BPM. Avg. Pressure: 2,871 PSI. Max. Wellhead Rate: 18.6 BPM. Max. Slurry Rate:  
 10.1 BPM. Max. Pressure: 2,972 PSI. Total Fluid Pumped: 9,046 Gal. Total Sand in Formation: 20,000 lb. (20/40 White) Praxair: CO2 Downhole: 34 ton. CO2  
 Cooldown: 5 ton. ISIP: 2,543 PSI. Frac Gradient: 0.88 psi/ft. Successfully flushed wellbore with 500 foam 50 bbl over flush with 500 gal. fluid cap. - 1. HES EL  
 stage 10 North Horn. PU HES CFP with 22 ft. perf guns. Rih correlate to short j. run to setting depth set CFP @ 5665 ft. PU pressure up casing 500 psi.  
 Perforate @ 5609-5611. 5890-5892 & 5841-5845. 1 SPF. 180 phasing. 22.7 gram charge. 560 holes. 7" pen. POOH turn well over to frac. - 1. HES frac stage  
 10 North Horn 600 foam frac. Load & Break @ 3,016 PSI @ 16.2 BPM. Avg. Wellhead Rate: 29.1 BPM. Avg. Slurry Rate: 13.9 BPM. Avg. CO2 rate: 13.8 BPM.  
 Avg. Pressure: 4,132 PSI. Max. Wellhead Rate: 30.2 BPM. Max. Slurry Rate: 16.7 BPM. Max. CO2 Rate: 19.8 BPM. Max. Pressure: 4,296 PSI. Total Fluid  
 Pumped: 24,563 gal. Total Sand in Formation: 96,000 lb. (20/40 White) Linde CO2 Downhole: 112 ton. CO2 Cooldown: 4 ton. ISIP: 3,196 PSI. Frac Gradient:  
 1.02 psi/ft. Successfully flushed wellbore with 500 foam 50 bbl over flush with 500 gal. fluid cap. - 1.5. Waiting on CO2 trucks from Linde & praxair. 1 load of  
 CO2 in 24 hours. - 2.75. HES EL stage 11 North Horn. PU HES CFP with 30 ft. perf guns. Rih correlate to short j. run to setting depth set CFP @ 5455 ft. PU  
 pressure up casing 500 psi. Perforate @ 5403-5413. 5367-5377. 5313-5318 & 5256-5261. 1 SPF. 180 phasing. 22.7 gram charge. 560 holes. 7" pen. POOH  
 turn well over to frac. - 1.5. HES frac stage 11 North Horn 600 foam frac. Load & Break @ 2,909 PSI @ 16.3 BPM. Avg. Wellhead Rate: 29.1 BPM. Avg. Slurry  
 Rate: 13.9 BPM. Avg. CO2 Rate: 13.7 BPM. Avg. Pressure: 3,716 PSI. Max. Wellhead Rate: 30.3 BPM. Max. Slurry Rate: 16.7 BPM. Max. CO2 Rate: 18.2 BPM.  
 Max. Pressure: 3,920 PSI. Total fluid Pumped: 29,470 gal. Total Sand in Formation: 120,100 lb. (20/40 White). Linde CO2 Downhole: 135 ton. CO2 Cooldown:  
 5 ton. ISIP: 2,979 PSI. Frac Gradient: 1.00 psi/ft. Successfully flushed wellbore with 500 foam 50 bbl over flush with 500 gal. fluid cap. - 1. SIFN Opsco monitor  
 wells over night. - 7.5



Prickly Pear Fed. #6-21D-12-15 8/31/2009 06:00 - 9/1/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

SICP: 1800 - 6. HES EL stage 12 North Horn. PU HES CFP with 10 ft. perf gun. RIH correlate to short jt. run to setting depth set CFP @ 5150 ft. PU pressure up casing 500 psi. Perforate @ 5077-5087. 3 SPF, 120 phasing. 22.7 gram charge. 420 holes. 35" pen. POOH turn well over to frac. - 1.5. Safety Meeting. Frac. EL. Co2. Pressure lines. safety on well. - 0.5. HES frac stage 12 North Horn 60Q foam frac. Load & Break @ 2,833 PSI @ 16.3 BPM. Avg. Wellhead Rate: 17.5 BPM. Avg. Slurry Rate: 8.5 BPM. Avg. CO2 Rate: 8 BPM. Avg. Pressure: 3,140 PSI. Max. Wellhead Rate: 18.1 BPM. Max. Slurry rate: 10 BPM. Max. CO2 Rate: 11.5 BPM. Max. Pressure 3,280 PSI. Total Fluid Pumped: 11,407 Gal. Total Sand in Formation: 32,000 lb. (20/40 White) Linde CO2 Downhole: 41 ton. CO2 Cooldown: 5ton. ISIP: 2,902 PSI. Frac Gradient: 1.01 psi/ft. Successfully flushed wellbore with 50Q foam 50 BBL over flush with 500 gal. fluid cap. - 1. HES EL stage 13 M. Wasatch. PU HES CFP with 12 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ ft. PU pressure up casing 500 psi. Perforate @ 4773-4777. 4627-4629. 4549-4553 & 4505-4507. 3 SPF, 120 phasing. 22.7 gram charge. 420 holes. 35" pen. POOH turn well over to frac. - 1. HES frac stage 13 Middle Wasatch 60Q foam frac. Load & Break @ 3,260 PSI @ 16.5 BPM. Avg. Wellhead Rate: 33.4 BPM. Avg. Slurry Rate: 16.1 BPM. Avg. CO2 Rate: 15.8 BPM. Avg. Pressure: 4,169 PSI. Max. Wellhead Rate: 35.5 BPM. Max. Slurry Rate: 19.4 BPM. Max. CO2 Rate: 21.7 BPM. Max. Pressure: 4,511 PSI. Total Fluid Pumped: 19,042 gal. Total Sand in Formation: 68,100 lb. (20/40 White) Praxair Co2 Downhole: 85 tons. CO2 Cooldown: 8 ton. ISIP: 2,536 PSI. Frac Gradient 0.96 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1. HES EL stage 14 M. Wasatch. PU HES CFP with 10 ft. perf guns RIH correlate to short jt run to setting depth set CFP @ 4360 ft. PU pressure up casing 500 psi. Perforate @ 4282-4292. 3 SPF, 120 phasing. 22.7 gram charge. 420 holes. 35" pen. POOH turn well over to frac. - 1.25. HES frac stage 14 Middle Wasatch 60Q foam frac. Load & Break @ 2,518 PSI @ 16.2 BPM. Avg. Wellhead Rate: 19.3 BPM. Avg. Slurry Rate: 9.3 BPM. Avg. CO2 Rate 9 BPM. Avg. Pressure: 2,823 PSI. Max. Wellhead Rate: 20.1 BPM. Max. Slurry Rate: 11.1 BPM. Max. CO2 Rate: 11.8 BPM. Max. Pressure: 2,978 PSI. Total Fluid Pumped: 14,825 Gal. Total Sand in Formation: 52,000 Lb. (20/40 White) Praxair CO2 Downhole: 64 ton. CO2 Cooldown: 8 ton. ISIP: 2,473 PSI. Frac Gradient: 1.02 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1. HES EL start to PU stage 15 M. Wasatch. crane will not run long enough to rig on well & grease unit went out in wire line truck, changed out grease pump and steel will not work. Grease unit coming from Rocksprings. HES mechanic working on crane. Waiting on Cat mechanic from Vernal with computer to set truck computer to see if that fixes problem with crane. If not crane is coming from Rocksprings as soon as job is over in WYO. to trade out. - 7. HES work on Crane and grease unit. - 3.75

Prickly Pear Fed. #6-21D-12-15 9/1/2009 06:00 - 9/2/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

SI. - 6 HES EL stage 15 Middle Wasatch. PU HES CFP with 10 ft perf guns. RIH correlate to short jt. run to setting depth set CFP @ 4200 ft. PU pressure up casing 500 psi. Perforate @ 4138-4140. 4124-4128 & 3984- 3988. 3 SPF 120 phasing. 22.7 gram charges. 420 hole. 35" pen. POOH turn well over to frac. - 1. Safety meeting. Spills on loc. Co2, Frac. high pressure lines. EL work. Safety on well. Rigging down equip. & moving. safety on loc. - 0.5. HES frac stage 15 Middle Wasatch 60Q foam frac. Load & Break @ 3,067 PSI @ 15.8 BPM. Avg. Wellhead Rate: 28.8 BPM. Avg. Slurry Rate: 14 BPM. Avg. CO2 Rate: 13.4 BPM. Avg. Pressure: 3,224 PSI. Max. Wellhead Rate: 30 BPM. Max. Slurry Rate: 16.7 BPM. Max. CO2 Rate: 17.7 BPM. Max. Pressure: 3,379 PSI. Total Fluid Pumped: 17,473 Gal. Total Sand in Formation: 64,000 lb (20/40 White) Linde Co2 Downhole: 75 ton. CO2 Cooldown: 4 ton. ISIP: 2,507 PSI. Frac Gradient: 1.06 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1. SI. - 0.15. Rig HES frac iron off well and EI equipment off. - 2. Flow stages 1-15 through Opsco flow equipment. Monitor Loc. - 13.35

Prickly Pear Fed. #6-21D-12-15 9/2/2009 06:00 - 9/3/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

Flow back stages 1-15 through Opsco flow equipment. FCP: 805 psi on 48 ck. recovered 366 bbl in 18 hours. Avg. of 20.33 BPH. CO2: 40%, light trace of sand, flaring off gas. - 6. flow stages 1-15 at 9:30 AM. CO2 35% - 3.5. Flow stages 1-15. CO2 23%. - 14.5

Prickly Pear Fed. #6-21D-12-15 9/3/2009 06:00 - 9/4/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion

Time Log Summary

Flow stages 1-15 through Opsco flow equipment. FCP: 525 PSI. on 48 ck. recovered 131 bbl in 24 hours. Avg. of 5.45 BPH. CO2: 16% gas rate of 3.726 MMCFD - 6. Flow stages 1-15 - 3. Turn well over to Production sales - 15

<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-73670
<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> PRICKLY PEAR
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> PPU FED 6-21D-12-15
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP	<b>9. API NUMBER:</b> 43007314130000
<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> 1574 FNL 1288 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 21 Township: 12.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON  <b>COUNTY:</b> CARBON  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 10/1/2009	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Completion activity report, 9/14/09-10/1/09.

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

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

**Prickly Pear Fed. #6-21D-12-15 9/15/2009 06:00 - 9/16/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion
Time Log Summary Flowing casing to sales. Waiting on Coil tubing Services - 24						

**Prickly Pear Fed. #6-21D-12-15 9/16/2009 06:00 - 9/17/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion
Time Log Summary Flow casing gas to sales. - 24						

**Prickly Pear Fed. #6-21D-12-15 9/17/2009 06:00 - 9/18/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion
Time Log Summary Flow casing gas to production sales. - 7, RU coil tub services - 3, Injector head not working.on coil unit. CTS working on head - 2.5, Wait on repairs on coil unit injection head. - 5, flow casing to sales. CTS work on Coil unit. - 6.5						

**Prickly Pear Fed. #6-21D-12-15 9/18/2009 06:00 - 9/19/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion
Time Log Summary Flow casing gas to sales. - 6, Rig up Coil tubing services on well. PU Weatherford disconnect, down hole motor and 3-3/4" four bladed drag bit. - 2, Safety Meeting. Flowing back. drilling plugs. H2S, Safety equipment on loc. - 0.25, Pressure test to 3500. pull test, function test. - 0.25, RIH with Weatherford BHA and 1-3/4" coil. Pumping .50 BPM fluid 300 SCFM- N2. up pump rate to 1.75 BPM fluid and 500 SCFM N2. tage CFP @ 4200 no sand fill on plug. - 2, RIH tage CFP # 2 @ 4360 started to drill plug. Hyd. on coil unit heated up to 300 deg. could not hold pressure to operate BOPs. - 2, POOH with coil tub and BHA to 3677 ft. above perfs. Wait on repairs. working on Hyd unit hose broke. CTS had to travel to Roosevelt for hose. - 1.5, Replace Hyd hose. POOH with coil tubing and BHA.SI well. lay down tools - 5, CTS and Hyd repair Mechanic to make repairs on coil unit. or change out trucks. - 1, Casing on sales for night. - 4						

**Prickly Pear Fed. #6-21D-12-15 9/19/2009 06:00 - 9/20/2009 06:00**

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-31413	Utah	Carbon	West Tavaputs	Drilling		Drilling & Completion
Time Log Summary Flowing casing to sales. Sample for H2S: 0 ppm - 5, Rig CTS Hyd. truck. PU Coil unit and Weatherford BHA . - 2, Safety Meeting. Drilling plugs. H2S. flow back. tripping haszard. - 0.5, Pressure test. pull test, Funchion test motor. - 1, Open well Run in hole. pumping .50 BPM fluid with 300 SCFM N2. at top perf up pump rate to 1.75 BPM. and 500 SCFM N2. - 1, Tag composite frac plug at 4360 no fill. drill out. RIH to 4820 tag CFP # 3 at 4820 ft. drill out no flow changes on surface. no H2S - 0.75, RIH tag CFP #4 at 5150. no sand on plug No H2S - 1, RIH tag CFP #5 @ 5455 no fill on plug. pump 5 bbl sweep - 1, no fill . pump 5 bbl sweep - 1, RIH tag CFP #7 @ 5795 no fill on plug. pump 5 bbl sweep - 1, RIH tag CFP # 8 @ 5950 no fill on plug. pump sweep - 1, RIH tag CFP #9 @ 6535 no fill on plug. RIH clean out to 7325 PBTD.pump 5 bbl sweep - 1, Circ hole clean pump 5 bbl gel sweep. circ pumping 1.75 BPM. fluid 600 SCFM N2. - 1, POOH with coil and BHA. SI. Rig Coil off well Pumping 700 SCFM N2. 1 BPM fluid. - 1, Flow back clean up for production sales. - 5.75						

<p><b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING</p>	<p><b>FORM 9</b></p>
<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</p>	<p><b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73670</p>
	<p><b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b></p>
	<p><b>7. UNIT or CA AGREEMENT NAME:</b> PRICKLY PEAR</p>
<p><b>1. TYPE OF WELL</b> Gas Well</p>	<p><b>8. WELL NAME and NUMBER:</b> PPU FED 6-21D-12-15</p>
<p><b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP</p>	<p><b>9. API NUMBER:</b> 43007314130000</p>
<p><b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202</p>	<p><b>PHONE NUMBER:</b> 303 312-8128 Ext</p>
<p><b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1574 FNL 1288 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 21 Township: 12.0S Range: 15.0E Meridian: S</p>	<p><b>9. FIELD and POOL or WILDCAT:</b> NINE MILE CANYON</p>
	<p><b>COUNTY:</b> CARBON</p>
	<p><b>STATE:</b> UTAH</p>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/3/2009	<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.

**Approved by the Utah Division of Oil, Gas and Mining**  
**Date:** October 26, 2009  
**By:** *Derek Duff*

<p><b>NAME (PLEASE PRINT)</b> Tracey Fallang</p>	<p><b>PHONE NUMBER</b> 303 312-8134</p>	<p><b>TITLE</b> Regulatory Analyst</p>
<p><b>SIGNATURE</b> N/A</p>	<p><b>DATE</b> 10/5/2009</p>	



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 following wells:

Prickly Pear Unit Federal 15-21D-12-15	SWSE 21, T12S R15E
Prickly Pear Unit Federal 13-21D-12-15	SWSW 21, T12S R15E
Prickly Pear Unit Federal 12-21D-12-15	NWSW 21, T12S R15E
Prickly Pear Unit Federal 11-21D-12-15	NESW 21, T12S R15E
Prickly Pear Unit Federal 6-21D-12-15	SEnw 21, T12S R15E
Prickly Pear Unit Federal 5-21D-12-15	SWNW 21, T12S R15E
Prickly Pear Unit Federal 4-21D-12-15	NWNW 21, T12S R15E
Prickly Pear Unit Federal 3-21D-12-15	NENW 21, T12S R15E

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

XTO Energy, Inc.  
810 Houston Street  
Fort Worth, TX 76102-6298

Date: September 14, 2009

Affiant

  
Douglas W. G. Gundry-White

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

RECEIVED October 05, 2009



**Bill Barrett Corporation**

September 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	
Prickly Pear Unit Federal 15-21D-12-15	SWSE 21, T12S R15E
Prickly Pear Unit Federal 13-21D-12-15	SWSW 21, T12S R15E
Prickly Pear Unit Federal 12-21D-12-15	NWSW 21, T12S R15E
Prickly Pear Unit Federal 11-21D-12-15	NESW 21, T12S R15E
Prickly Pear Unit Federal 6-21D-12-15	SENW 21, T12S R15E
Prickly Pear Unit Federal 5-21D-12-15	SWNW 21, T12S R15E
Prickly Pear Unit Federal 4-21D-12-15	NWNW 21, T12S R15E
Prickly Pear Unit Federal 3-21D-12-15	NENW 21, T12S R15E
Carbon Co., UT	

Dear Mr. Doucet:

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the referenced wells.

We have enclosed herewith a copy of the Sundry Notices together with a plat showing the leases and wells in the area and an affidavit 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

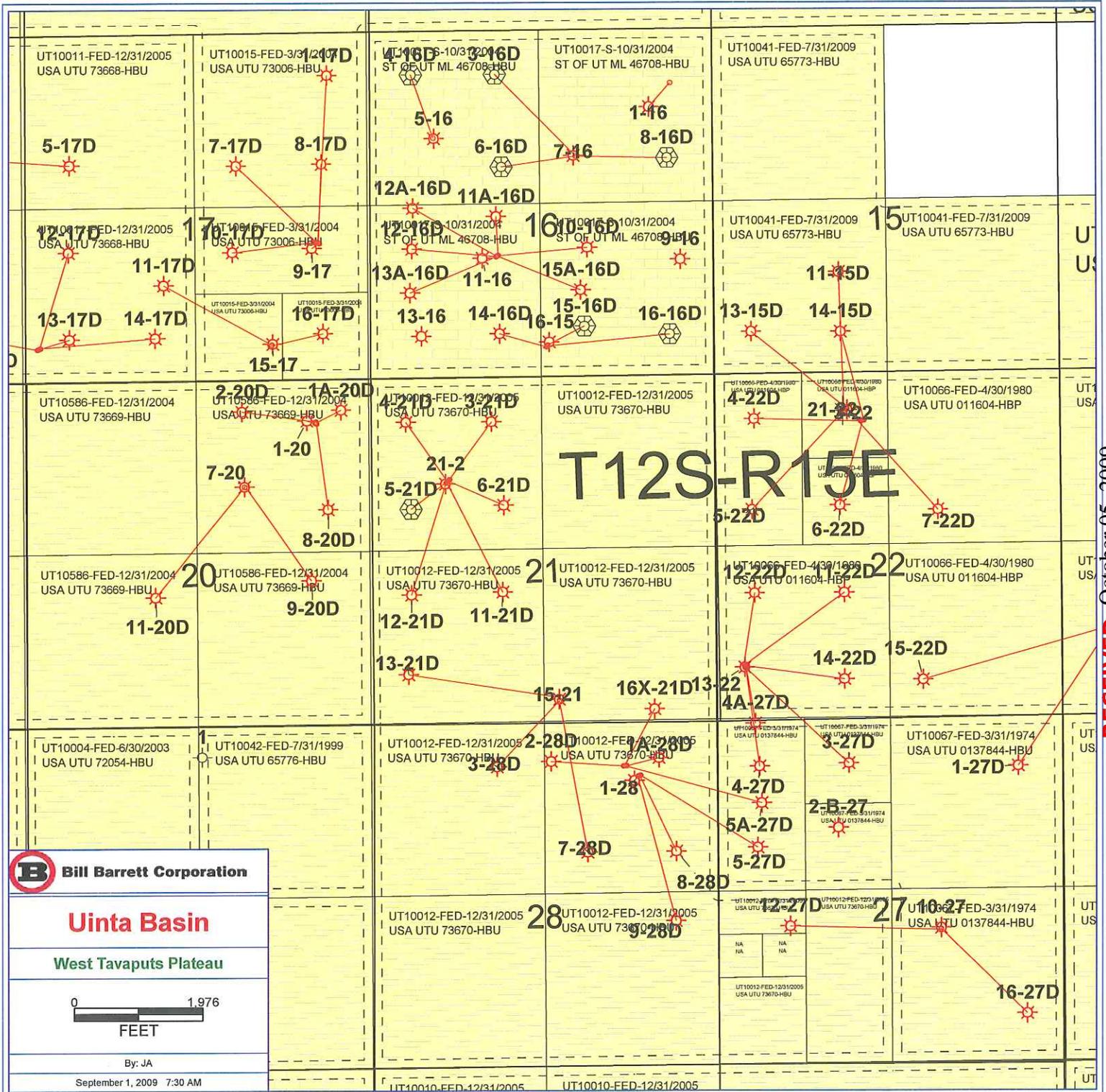


Doug Gundry-White  
Senior Landman

Enclosures

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

RECEIVED October 05, 2009



RECEIVED October 05, 2009

**B** Bill Barrett Corporation

**Uinta Basin**

**West Tavaputs Plateau**

0 1,976  
FEET

By: JA

September 1, 2009 7:30 AM



September 14, 2009

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

Certified Mail 7008 2810 0002 4028 3915

Attention: Marvin Hendricks

RE: Sundry Notices  
Prickly Pear Unit Federal 15-21D-12-15 SWSE 21, T12S R15E  
Prickly Pear Unit Federal 13-21D-12-15 SWSW 21, T12S R15E  
Prickly Pear Unit Federal 12-21D-12-15 NWSW 21, T12S R15E  
Prickly Pear Unit Federal 11-21D-12-15 NESW 21, T12S R15E  
Prickly Pear Unit Federal 6-21D-12-15 SENW 21, T12S R15E  
Prickly Pear Unit Federal 5-21D-12-15 SWNW 21, T12S R15E  
Prickly Pear Unit Federal 4-21D-12-15 NWNW 21, T12S R15E  
Prickly Pear Unit Federal 3-21D-12-15 NENW 21, T12S R15E  
Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the referenced wells.

As required by the Utah OGM regulations R649-3-22, BBC has enclosed a copy of the completed Sundry Notices.

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

BILL BARRETT CORPORATION

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

Doug Gundry-White  
Senior Landman

Enclosures

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

RECEIVED October 05, 2009



**Bill Barrett Corporation**

September 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 2810 0002 4028 4141

Attention: LaVonne Garrison

RE: Sundry Notices	
Prickly Pear Unit Federal 15-21D-12-15	SWSE 21, T12S R15E
Prickly Pear Unit Federal 13-21D-12-15	SWSW 21, T12S R15E
Prickly Pear Unit Federal 12-21D-12-15	NWSW 21, T12S R15E
Prickly Pear Unit Federal 11-21D-12-15	NESW 21, T12S R15E
Prickly Pear Unit Federal 6-21D-12-15	SENW 21, T12S R15E
Prickly Pear Unit Federal 5-21D-12-15	SWNW 21, T12S R15E
Prickly Pear Unit Federal 4-21D-12-15	NWNW 21, T12S R15E
Prickly Pear Unit Federal 3-21D-12-15	NENW 21, T12S R15E
Carbon Co., UT	

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the referenced wells.

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BILL BARRETT CORPORATION



Doug Gundry-White  
Senior Landman

Enclosures

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

RECEIVED October 05, 2009



September 14, 2009

XTO Energy, Inc.  
810 Houston St.  
Fort Worth, TX 76102-6298

Certified Mail 7008 2810 0002 4028 3922

Attention: Mick Dow

RE: Sundry Notices  
Prickly Pear Unit Federal 15-21D-12-15 SWSE 21, T12S R15E  
Prickly Pear Unit Federal 13-21D-12-15 SWSW 21, T12S R15E  
Prickly Pear Unit Federal 12-21D-12-15 NWSW 21, T12S R15E  
Prickly Pear Unit Federal 11-21D-12-15 NESW 21, T12S R15E  
Prickly Pear Unit Federal 6-21D-12-15 SENW 21, T12S R15E  
Prickly Pear Unit Federal 5-21D-12-15 SWNW 21, T12S R15E  
Prickly Pear Unit Federal 4-21D-12-15 NWNW 21, T12S R15E  
Prickly Pear Unit Federal 3-21D-12-15 NENW 21, T12S R15E  
Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the referenced wells.

As required by the Utah OGM regulations R649-3-22, BBC has enclosed a copy of the completed Sundry Notices.

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

BILL BARRETT CORPORATION

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

Doug Gundry-White  
Senior Landman

Enclosures

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

RECEIVED October 05, 2009

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
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CA No.		Unit: Prickly Pear		WELL NAME	SEC	TWN	RNG	API NO.	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List												

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/7/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/7/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/28/2014
- a. Is the new operator registered in the State of Utah: Business Number: 8850806-0161
- a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- b. Inspections of LA PA state/fee well sites complete on: Yes
- c. 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

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	Federal	GW	APD
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	Federal	GW	APD
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	Federal	GW	APD
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	7	120S	150E	4300750094		Federal	Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15	7	120S	150E	4300750095		Federal	Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15	7	120S	150E	4300750096		Federal	Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15	7	120S	150E	4300750097		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15	8	120S	150E	4300750124		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	8	120S	150E	4300750125		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	8	120S	150E	4300750126		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	8	120S	150E	4300750127		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	7	120S	150E	4300750185		Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15	7	120S	150E	4300750186		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15	7	120S	150E	4300750187		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15	7	120S	150E	4300750188		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15	7	120S	150E	4300750189		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15	7	120S	150E	4300750190		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	7	120S	150E	4300750191		Federal	Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220		Federal	Federal	GW	APD

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224		Federal	Federal	GW	APD
PRICKLY PEAR UF 1A-18D-12-15	7	120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7	120S	150E	4300750226		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-7D-12-15	7	120S	150E	4300750227		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7	120S	150E	4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7	120S	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	7	120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-8D-12-15	8	120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8	120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8	120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8	120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8	120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8	120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8	120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8	120S	150E	4300750263		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8	120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	8	120S	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15	8	120S	150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	8	120S	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15	8	120S	150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	8	120S	150E	4300750269		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15	8	120S	150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15	8	120S	150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15	8	120S	150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15	8	120S	150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15	9	120S	150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15	9	120S	150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15	9	120S	150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15	9	120S	150E	4300750277		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-9D-12-15	9	120S	150E	4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15	9	120S	150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15	9	120S	150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15	9	120S	150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15	9	120S	150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288		Federal	Federal	GW	APD
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293		Federal	Federal	GW	APD
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294		Federal	Federal	GW	APD
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298		Federal	Federal	GW	APD

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300		Federal	Federal	GW	APD
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301		Federal	Federal	GW	APD
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303		Federal	Federal	GW	APD
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304		Federal	Federal	GW	APD
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-7D-12-15	7	120S	150E	4300750309		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-7D-12-15	7	120S	150E	4300750311		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-7D-12-15	7	120S	150E	4300750313		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-7D-12-15	7	120S	150E	4300750314		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-7D-12-15	7	120S	150E	4300750315		Federal	Federal	GW	APD
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317		Federal	Federal	GW	APD
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-7D-12-15	7	120S	150E	4300750320		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323		Federal	Federal	GW	APD
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-7D-12-15	7	120S	150E	4300750325		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-7D-12-15	7	120S	150E	4300750329		Federal	Federal	GW	APD
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-7D-12-15	7	120S	150E	4300750331		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-10D-12-15	9	120S	150E	4300750332		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-10D-12-15	9	120S	150E	4300750333		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-10D-12-15	9	120S	150E	4300750334		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-10D-12-15	9	120S	150E	4300750335		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-10D-12-15	9	120S	150E	4300750336		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-10D-12-15	9	120S	150E	4300750338		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-10D-12-15	9	120S	150E	4300750339		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-10D-12-15	9	120S	150E	4300750340		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-9D-12-15	9	120S	150E	4300750341		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-9D-12-15	9	120S	150E	4300750342		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-9D-12-15	9	120S	150E	4300750343		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-9D-12-15	9	120S	150E	4300750344		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-9D-12-15	9	120S	150E	4300750345		Federal	Federal	GW	APD
PRICKLY PEAR UF 2-9D-12-15	9	120S	150E	4300750346		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348		Federal	Federal	GW	APD
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349		Federal	Federal	GW	APD
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794	Federal	Federal	GW	OPS
PRICKLY PEAR US 1A-16D-12-15	9	120S	150E	4300750192	14794	State	Federal	GW	OPS
PRICKLY PEAR US 2A-16D-12-15	9	120S	150E	4300750193	14794	State	Federal	GW	OPS
PRICKLY PEAR US 2-16D-12-15	9	120S	150E	4300750194	14794	State	Federal	GW	OPS
PRICKLY PEAR UF 9A-9D-12-15	9	120S	150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15	9	120S	150E	4300750197	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15	9	120S	150E	4300750198	14794	Federal	Federal	GW	OPS

## Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

## Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9	120S	150E	4300750199	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9	120S	150E	4300750200	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9	120S	150E	4300750201	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9	120S	150E	4300750203	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9	120S	150E	4300750204	14794	Federal	Federal	GW	OPS
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794	Federal	Federal	GW	P
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794	State	State	GW	P
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794	State	State	GW	P
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794	Federal	Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569	Federal	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794	State	State	GW	P
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794	State	State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794	State	State	GW	P
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794	Federal	Federal	GW	P
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794	Federal	Federal	GW	P
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068	Federal	Federal	GW	P
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794	Federal	Federal	GW	P
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794	Federal	Federal	GW	P
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794	Federal	Federal	GW	P
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794	Federal	Federal	GW	P
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794	Federal	Federal	GW	P

## Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794	Federal	Federal	GW	P
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794	Federal	Federal	GW	P
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794	Federal	Federal	GW	P
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794	Federal	Federal	GW	P
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794	Federal	Federal	GW	P
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794	Federal	Federal	GW	P
PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794	Federal	Federal	GW	P
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794	Federal	Federal	GW	P
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794	Federal	Federal	GW	P
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794	Federal	Federal	GW	P
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794	Federal	Federal	GW	P
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794	State	State	GW	P
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794	State	State	GW	P
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794	State	State	GW	P
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794	Federal	Federal	GW	P
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794	Federal	Federal	GW	P
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794	Federal	Federal	GW	P
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794	Federal	Federal	GW	P
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794	Federal	Federal	GW	P
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794	Federal	Federal	GW	P
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794	Federal	Federal	GW	P
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794	Federal	Federal	GW	P
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794	Federal	Federal	GW	P
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794	Federal	Federal	GW	P
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794	Federal	Federal	GW	P
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794	Federal	Federal	GW	P
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794	Federal	Federal	GW	P
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794	Federal	Federal	GW	P
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794	Federal	Federal	GW	P
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794	Federal	Federal	GW	P
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794	Federal	Federal	GW	P
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794	Federal	Federal	GW	P
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794	Federal	Federal	GW	P
PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794	Federal	Federal	GW	P
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794	Federal	Federal	GW	P
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794	Federal	Federal	GW	P
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794	Federal	Federal	GW	P
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794	Federal	Federal	GW	P
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794	State	State	GW	P
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794	State	State	GW	P
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794	State	State	GW	P
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794	State	State	GW	P
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794	Federal	Federal	GW	P
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794	State	State	GW	P
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794	State	State	GW	P
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794	State	State	GW	P
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794	State	State	GW	P
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794	State	State	GW	P
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794	State	State	GW	P
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794	State	State	GW	P
PPU FED 10-7D-12-15	7	120S	150E	4300731470	14794	Federal	Federal	GW	P
PPU FED 15-7D-12-15	7	120S	150E	4300731471	14794	Federal	Federal	GW	P
PPU FED 9-7D-12-15	7	120S	150E	4300731472	14794	Federal	Federal	GW	P
PPU FED 16-7D-12-15	7	120S	150E	4300731473	14794	Federal	Federal	GW	P
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794	State	State	GW	P
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794	State	State	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794	State	State	GW	P
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794	State	State	GW	P
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794	State	State	GW	P
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794	State	State	GW	P
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794	State	State	GW	P
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794	State	State	GW	P
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794	State	State	GW	P
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794	State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8	120S	150E	4300750059	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15	8	120S	150E	4300750060	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15	8	120S	150E	4300750061	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15	8	120S	150E	4300750062	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794	Federal	Federal	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Prickly Pear Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8	120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8	120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8	120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8	120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8	120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8	120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8	120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8	120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9	120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9	120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794	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)		8. WELL NAME and NUMBER: (see attached well list)
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		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: <u>1/1/2014</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BARRETT CORPORATION EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

EnerVest Operating, L.L.C.  
1001 Fannin, Suite 800  
Houston, Texas 77002  
713-659-3500  
(BLM BOND # RLB 7886, STATE/FEE BOND # B008321)

BILL BARRETT CORPORATION  
Duane Zavadil NAME (PLEASE PRINT)  
Duane Zavadil SIGNATURE  
Senior Vice President -  
EH&S, Government and Regulatory Affairs N2165

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**  
**JAN 28 2014 4-PM**  
DIV. OF OIL, GAS & MINING  
Rachel Medina

RECEIVED  
JAN 07 2014

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

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

UDOGM CHANGE OF OPERATOR WELL LIST

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

UDOGM CHANGE OF OPERATOR WELL LIST

PTS 33-36 STATE	36	110S	140E	4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E	4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794 Federal	GW	S	PRICKLY PEAR