

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML46710	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: Prickly Pear	
2. NAME OF OPERATOR: Bill Barrett Corporation		9. WELL NAME and NUMBER: Prickly Pear Unit State 12-36-12-15	
3. ADDRESS OF OPERATOR: 1099 18th Street, #2300 CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 312-8134	10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED <i>Widener</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1992 FSL, 506 FWL <i>569207X 39.728586</i> AT PROPOSED PRODUCING ZONE: same <i>4397736Y -110.192446</i>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 12S 15E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approx 52 miles south of Myton, UT		12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 506'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 80	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 2,105'	19. PROPOSED DEPTH: 7,600	20. BOND DESCRIPTION: LPM4138147	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7148'	22. APPROXIMATE DATE WORK WILL START: 10/5/2006	23. ESTIMATED DURATION: 50-60 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4"	9 5/8" J or K 55 36#	1,000	Halco LT Prem (Lead)	240 sx	1.85 ft3/sk 12.7 ppg
			Premium (Tail)	170 sx	1.16 ft3/sk 15.8 ppg
7 7/8"	5 1/2" N-80 17#	7,600	50/50 Poz Premium	780 sx	1.49 ft3/sk 13.4 ppg

25. ATTACHMENTS

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

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

NAME (PLEASE PRINT) Tracey Fallang TITLE Environmental/Regulatory Analyst

SIGNATURE *Tracey Fallang* DATE 8/16/2006
Approved by the Utah Division of Oil, Gas and Mining

API NUMBER ASSIGNED: 43-007-31228

Date: 09-25-06
By: *[Signature]*

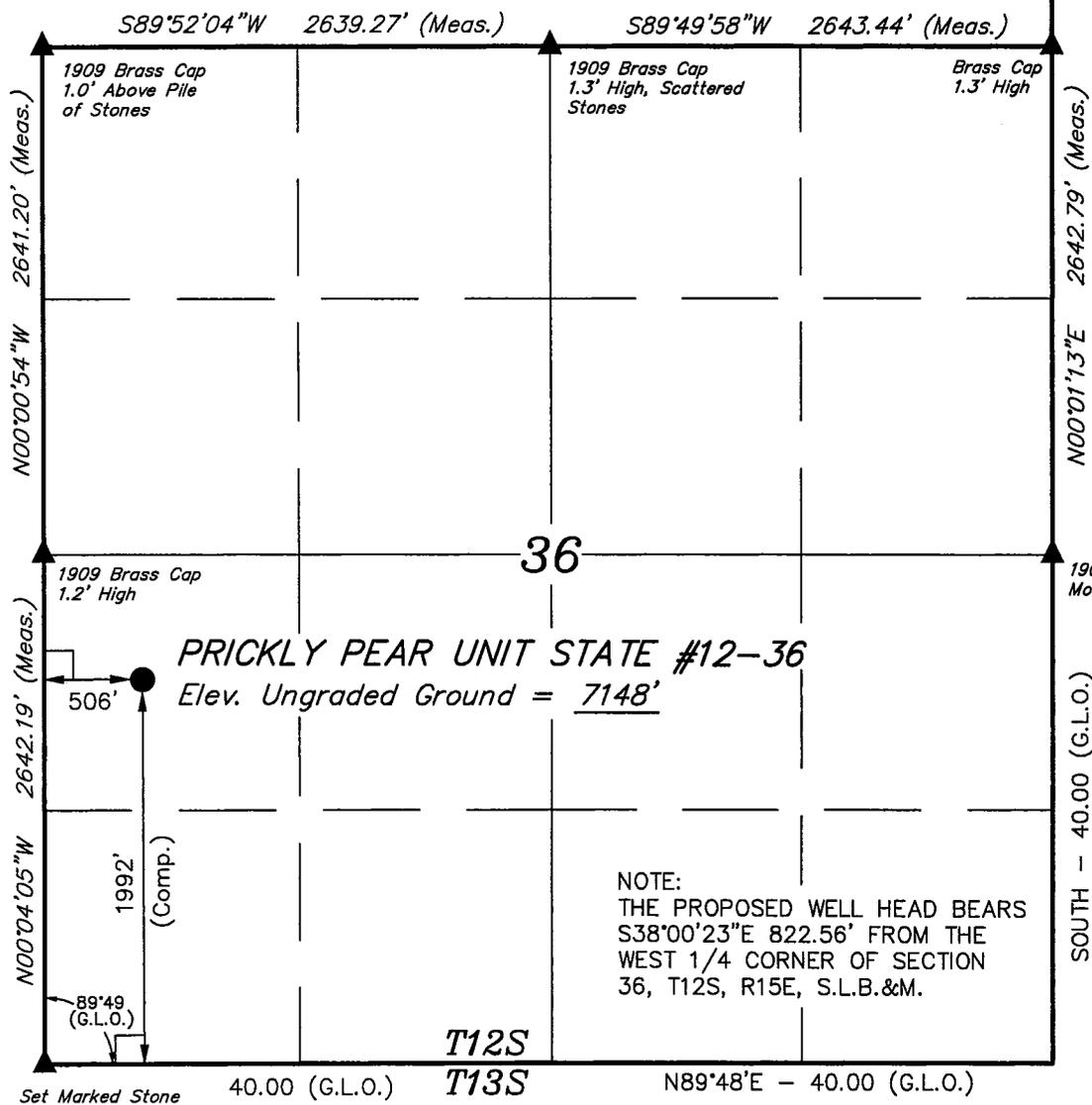
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AUG 17 2006

DIV. OF OIL, GAS & MINING

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

R
15
E

R
16
E

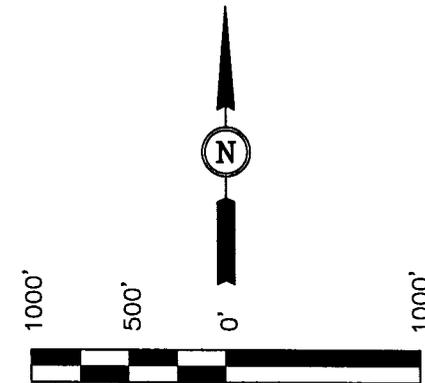


BILL BARRETT CORPORATION

Well location, PRICKLY PEAR UNIT STATE #12-36, located as shown in the NW 1/4 SW 1/4 of Section 36, T12S, R15E, S.L.B.&M., Carbon County, Utah.

BASIS OF ELEVATION

TRIANGULATION STA. COTTON 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 QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7368 FEET.



SCALE

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.

Robert J. Taylor
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

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

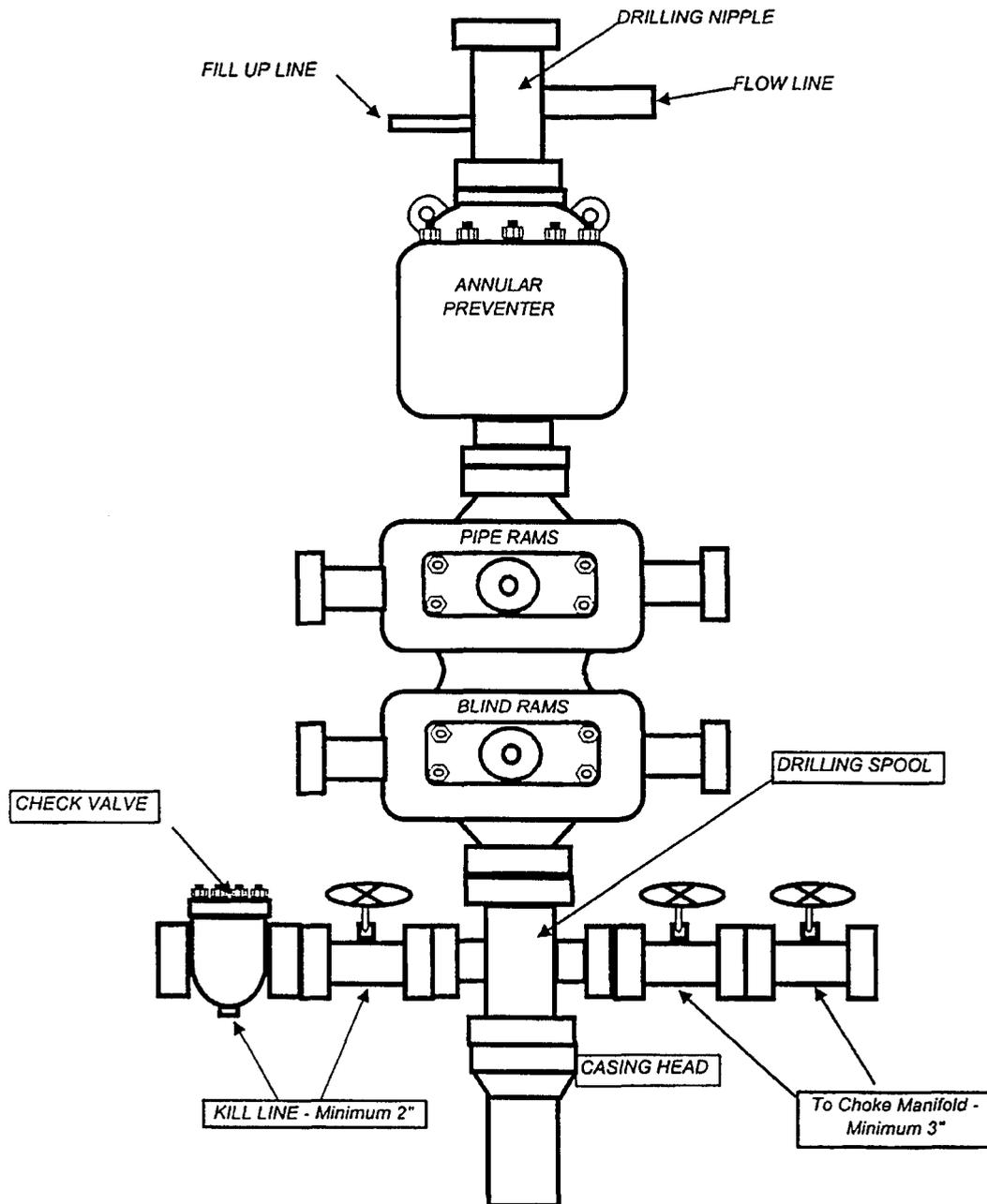
LEGEND:

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

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.
(AUTONOMOUS NAD 83)
LATITUDE = 39°43'42.91" (39.728586)
LONGITUDE = 110°11'35.19" (110.193108)

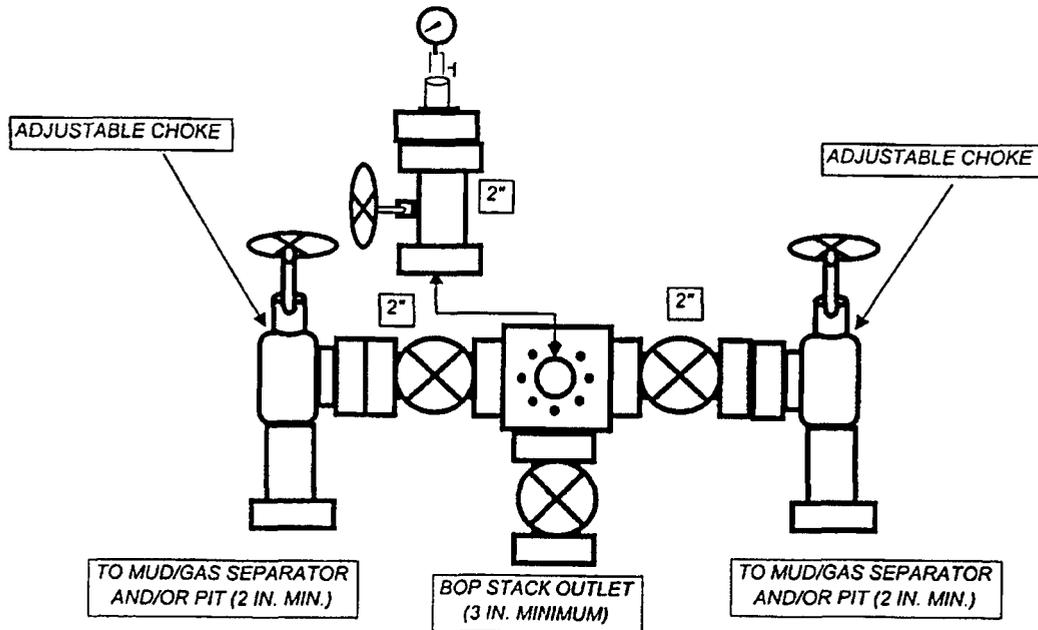
SCALE 1" = 1000'	DATE SURVEYED: 08-19-03	DATE DRAWN: 08-25-03
PARTY G.S. D.F. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

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



BILL BARRETT CORPORATION

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



DRILLING PLAN

BILL BARRETT CORPORATION
 Prickly Pear Unit State #12-36-12-15
 NWSW, 1992' FSL & 506' FWL, Section 36-T12S-R15E
 Carbon County, Utah

1,2,3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth</u>
Green River	Surface
Wasatch	2970'*
North Horn	4850'*
Dark Canyon	6500'*
Price River	6700'*
TD	7600'*

***PROSPECTIVE PAY**

Members of the Mesaverde formation, the Wasatch and the North Horn are primary objectives for oil/gas.

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
12 1/4"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	surface	7,600'	5 1/2"	17#	N-80	LT&C	New

Note: Pending evaluation of anticipated stress on the production casing, BBC may use 5 1/2", 20# P-110 LT&C production casing instead of the 17# N-80. BBC is also evaluating the benefit of using 4-1/2", 11.6#, I-80, LT&C production casing and wishes to have that option approved in this APD. The 4-1/2" casing design sheet is included in this package. Cement volumes would be adjusted accordingly.

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 ³ /sx) and 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft ³ /sx) circulated to surface with 100% excess
5 1/2" Production Casing	Approximately 780 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 2500'.

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0 – 40'	8.3 – 8.6	27 – 40	--	Native Spud Mud
40' – 1000'	8.3 – 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 9.5	38-46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.

7. **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 and choke manifold to be rated @ 3000 psi;	
- 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.	

8. **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

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

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
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-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface).

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3754 psi* and maximum anticipated surface pressure equals approximately 2082 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)

11. Drilling Schedule

Location Construction: Approximately October 5, 2006
Spud: Approximately October 30, 2006
Duration: 15 days drilling time
35 days completion time

12. Water Source

Bill Barrett Corporation will utilize an existing water well located on BLM lands in the SW/4SE/4 Section 13-T12S-R14E. BBC was granted this authorization by the State of Utah Application Number #90-1826 (T74077) on August 20, 2002. A temporary application was filed and is effective August 2005 for increased acre feet of use due to current water availability and increasing the area in which this water may be utilized; Temporary Application #90-1840 (T75896). In addition, if necessary, BBC may utilize its existing water rights for Nine Mile Creek.

13. Archaeology

Montgomery Archaeological Consultants conducted a cultural resource inventory of the Prickly Pear Unit State #2-36-12-15. Please find MOAC report #03-176 attached.



Bill Barrett Corporation

NINE MILE CEMENT VOLUMES

Well Name: **Prickly Pear Unit State #12-36-12-15**

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 ³
Lead Fill:	700'	
Tail Volume:	94.0	ft ³
Tail Fill:	300'	

Cement Data:

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

Calculated # of Sacks:

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

Production Hole Data:

Total Depth:	7,600'
Top of Cement:	2,500'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	883.6	ft ³
Lead Fill:	5,100'	

Cement Data:

Lead Yield:	1.49	ft ³ /sk
% Excess:	30%	

Calculated # of Sacks:

# SK's Lead:	780
--------------	-----

Prickly Pear Unit State #12-36-12-15 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (700' - 0')	
Halliburton Light Premium	Fluid Weight: 12.7 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.85 ft ³ /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
	Proposed Sacks: 240 sks
Tail Cement - (1000' - 700')	
Premium Cement	Fluid Weight: 15.8 lbm/gal
94 lbm/sk Premium Cement	Slurry Yield: 1.16 ft ³ /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
	Proposed Sacks: 170 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (7600' - 2500')	
50/50 Poz Premium	Fluid Weight: 13.4 lbm/gal
3.0 % KCL	Slurry Yield: 1.49 ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid: 7.06 Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid: 2,500'
0.2% FWCA	Calculated Fill: 5,100'
0.125 lbm/sk Poly-E-Flake	Volume: 204.57 bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks: 780 sks



MONTGOMERY
ARCHAEOLOGICAL
CONSULTANTS

Box 147, 322 East 100 South, Moab, Utah 84532 (435) 259-5764 Fax (435) 259-5608

4-36

September 23, 2003

Ms. Debbie Stanberry
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

Dear Ms. Stanberry:

Enclosed please find two copies of the report entitled "Cultural Resource Inventory of Bill Barrett Corporation's Five Well Locations in Township 12S, Range 15E, Section 36, Carbon County, Utah." The inventory resulted in no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for this project pursuant to Section 106, CFR 800.

If you have any questions or comments, please call me. We appreciate this opportunity to provide archaeological consulting services.

Sincerely,

Keith R. Montgomery
Keith R. Montgomery
Principal Investigator

cc: Kenny Wintch, SITLA
James Dykman, Utah SHPO

9/26/03

CULTURAL RESOURCE INVENTORY OF
BILL BARRETT CORPORATION'S FIVE WELL LOCATIONS
IN TOWNSHIP 12S, RANGE 15E, SECTION 36
CARBON COUNTY, UTAH

By:

Keith R. Montgomery

Prepared For:

State of Utah School and Institutional
Trust Lands Administration
Salt Lake City

Prepared Under Contract With:

Bill Barrett Corporation
1099 18 th Street, Suite 2300
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 03-176

September 22, 2003

United States Department of Interior (FLPMA)
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-03-MQ-0848s

INTRODUCTION

In August 2003 Montgomery Archaeological Consultants (MOAC) inventoried five proposed well locations for Bill Barrett Corporation in the Stone Cabin Gas Field. The well locations are designated: Prickly Pear (PP) State #2-36, PP State #4-36, PP State #10-36, PP State #12-36, and PP State #14-36. The project area is south of Nine Mile Canyon near the head of Prickly Pear Canyon, in Carbon County, Utah. The survey was implemented at the request of Ms. Debbie Stanberry, Bill Barrett Corporation, Denver, CO. The project area occurs on property of the State of Utah School and Institutional Trust Lands Administration (SITLA).

The objectives of the inventory were to locate, document, and evaluate any cultural resources within the project area in accordance with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Historic Preservation Act (NHPA) of 1969 (as amended), the Archaeological and Historic Conservation Act of 1974, the Archaeological Resources Protection Act of 1979, and the American Indian Religious Freedom Act of 1978.

The fieldwork was conducted by Keith Montgomery (Principal Investigator) and assisted by Mark Beeson on September 15, 2003 under the auspices of U.S.D.I. (FLPMA) Permit No. 03-UT-60122 and State of Utah Antiquities Project (Survey) No. U-03-MQ-0848s.

A file search for previous projects and documented cultural resources was conducted by the author at the BLM Price Field Office on September 15, 2003. In 2002, TRC Mariah Associates, Inc. conducted a survey of seismic lines for Dawson Geophysical Company resulting in the documentation of 45 new archaeological sites, 14 of which were recommended eligible to the NRHP (Smith 2003). One of the previously documented sites (42Cb1751) is situated just north of the current project area. It consists of a prehistoric lithic scatter with a few chipped stone tools, evaluated as not eligible to the National Register of Historic Places (NRHP). Also in 2002, the Moab Fire Center conducted an inventory for the Dry Canyon Fuels Treatment Project (Maloney 2002). The survey resulted in the documentation of three new Fremont sites; a pictograph panel (42Cb1756), a coursed masonry structure (42Cb1757); and a complex consisting of an agricultural terrace, a pictograph, and a historic lambing pen (42Cb1758). In addition, 15 previously recorded sites that occurred in the project area were addressed. In 2003, MOAC inventoried 10 well locations and a gathering system for Bill Barrett Corporation (Elkins and Bond 2003), resulting in the documentation of three sites located in Township 12S, Range 15E, Sec. 36. These include an eligible prehistoric hearth (42Cb1862), an ineligible historic corral and a prehistoric piece of debitage (42Un1863), and an eligible prehistoric lithic scatter (42Un1864).

In summary, although numerous prehistoric and historic sites have been documented around the project area, no previously recorded cultural resources occur within the immediate inventory parcels.

DESCRIPTION OF PROJECT AREA

The project area lies south of Dry Canyon, near Flat Mesa, and west of Cottonwood Canyon. The legal description is Township 12 South, Range 15 East, Section 36 (Figure 1, Table 1).

Table 1. Bill Barrett Corporation's Five Well Locations with Access Routes.

Well Location Designation	Legal Location	Access/Pipeline	Cultural Resources
Prickly Pear Unit State #2-36	T12S, R15E, Sec. 36 695' FNL 1995' FEL	Access 700'	None
Prickly Pear Unit State #4-36	T12S, R15E, Sec. 36 505' FNL 733' FWL	Access 1100'	None
Prickly Pear Unit State #10-36	T12S, R15E, Sec. 36 2523' FSL 2026' FEL	Access 1000'	None
Prickly Pear Unit State #12-36	T12S, R15E, Sec. 36 1992' FSL 506' FWL	Access 100'	None
Prickly Pear Unit State #14-36	T12S, R15E, Sec. 36 1310' FSL 1630' FWL	Access 600'	None

In general the study area is situated within the Book Cliff-Roan Plateau physiographic subdivision of the Colorado Plateau (Stokes 1986). Topographically, this area consists of exposed stratigraphic escarpments which extend and dip northward under the younger materials of the Uintah Basin. The Book Cliffs are carved from Cretaceous age Mesa Verde Group sandstones while the Roan Cliffs are comprised of river and flood plain deposits from the Paleocene and Eocene ages (Stokes 1986). More specifically, the project is located south of Nine Mile Canyon, a major east-west trending canyon bordered on the south side by the West Tavaputs Plateau, and includes portions of Carbon, Duchesne and Uintah counties. The canyon walls are composed of very friable siltstone cliffs which break away in tabular and angular boulders. Remnants of Pleistocene gravel terraces are found periodically along the edge of the floodplain at the base of the canyon walls. Geologically, the project area is composed of the Eocene age Green River Formation, a lacustrine deposit containing claystone, sandstone, and carbonate beds of a variety of colors (e.g. red, green, gray, brown, and black) (Stokes 1986:154). Prehistorically, the tabular sandstone from the Green River Formation was employed as building materials, and a dark brownish chert was exploited for lithic tool manufacturing (Spangler 1993:42). The canyon is cut by Nine Mile Creek (also known as Minnie Maude Creek), which drains a large area of the West Tavaputs Plateau, and flows east through Nine Mile Canyon where it joins the Green River at Desolation Canyon. The nearest water sources include springs and drainages in Dry and Cottonwood Canyons. Modern disturbances in the area consist of oil/gas development, livestock grazing, livestock grazing, recreation, and roads.

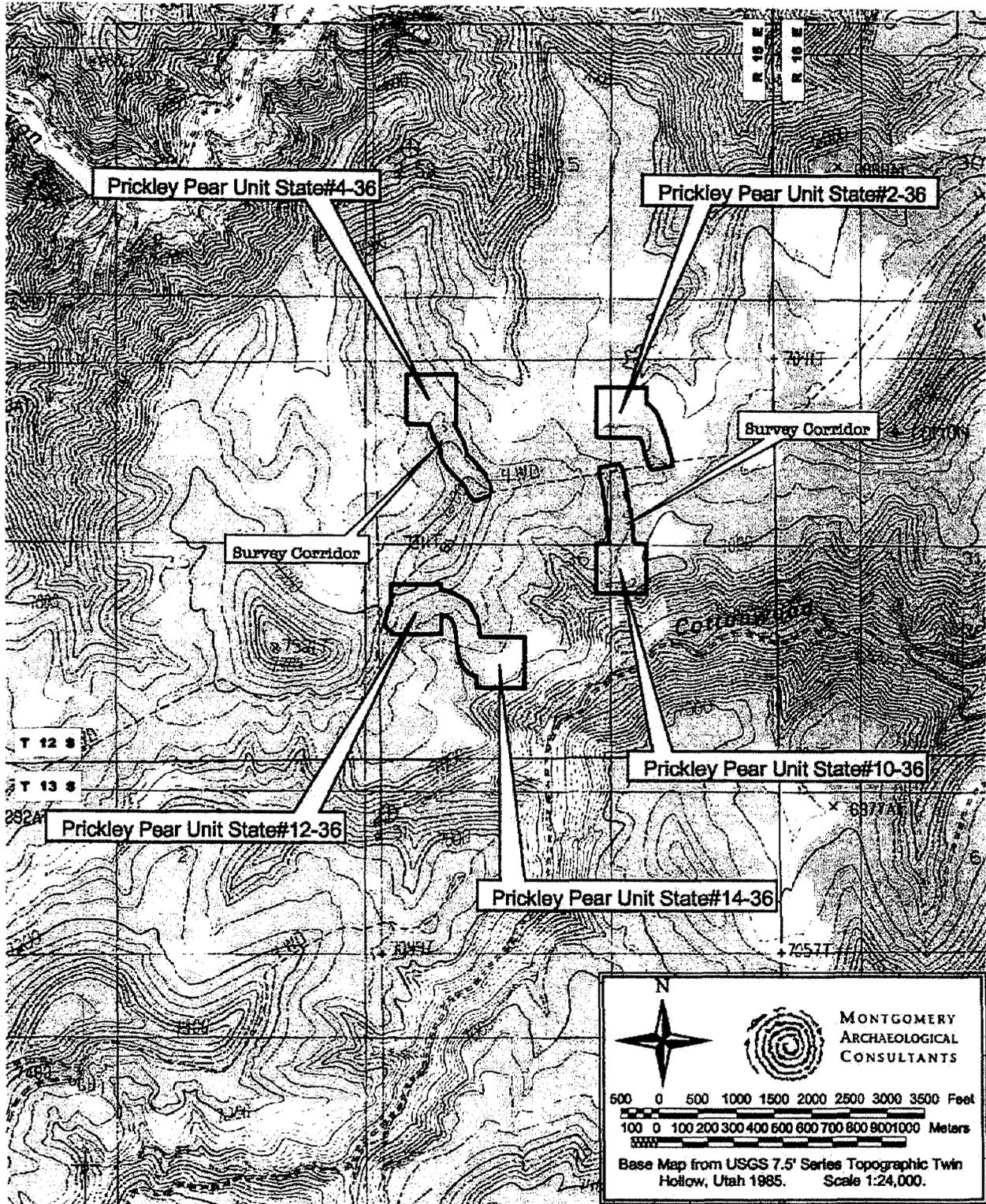


Figure 1. Inventory Area of Bill Barrett Corporation's Well Locations PP State 2-36, PP State 4-36, PP State 10-36, PP State 12-36, PP State 14-36, Carbon County, Utah.

Situated within the Upper Sonoran life zone, the project area supports a pinyon-juniper woodland and desert shrub community. Along the drainage in Prickly Pear Canyon, the riparian community includes willows, cottonwoods, and tamarisk. A pinyon-juniper woodland dominates the inventory area with an understory of big sagebrush, greasewood, prickly pear cactus, Indian ricegrass, and cheat grass. Animal species reported near Nine Mile Canyon include mule deer, mountain lion, coyote, blacktail jackrabbit, cottontail rabbit, porcupine, ground squirrel, pack rat, elk, marmots, and various birds and reptiles. Most fauna found in the area today are assumed to have been present in prehistoric times, although many species were extirpated in the historic era (e.g. wolf, bison, grizzly bear).

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations, a ten acre or larger area centered on the center stake of the location was surveyed by the archaeologist walking parallel transects spaced no more than 10 m (30 ft) apart. The access and pipeline corridors were 300 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. Ground visibility was considered to be good. A total of 74 acres was inventoried on land administered by SITLA.

RESULTS AND CONCLUSIONS

The inventory of Bill Barrett Corporation's five well locations in Township 12S, Range 15E, Section 36 with associated access routes resulted in no cultural resources. Based on the findings, a determination of "no historic properties affected" is recommended for the project pursuant to Section 106, CFR 800.

REFERENCES CITED

Elkins, M., and M. Bond

2003 Cultural Resource Inventory of Bill Barrett Corporation's Ten Well Locations and the Flat Mesa Gathering System near Nine Mile Canyon, Carbon, County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Project No. U-03-MQ-0398b,s,p.

Maloney, E.R.

2002 Dry Canyon Fuels Project Archaeological Survey and Clearance Report, Bureau of Land Management, Moab Field Office, Utah. On file at the BLM, Price Field Office.

Smith, C.

2003 A Class III Cultural Resource Inventory of the Western Portion of the Dawson Stone Cabin 3-D Seismic Project, Carbon County, Utah. TRC Mariah Associated, Inc. Salt Lake City. Project No. U-03-ME-0564.

Spangler, J.D.

1993 Site Distribution and Settlement Patterns in Lower Nine Mile Canyon: The Brigham Young University Surveys of 1989-91. Master's thesis, Brigham Young University, Provo, Utah.

Stokes, W.L.

1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey. Salt Lake City.

BILL BARRETT CORPORATION
PRICKLY PEAR UNIT STATE #12-36
 LOCATED IN CARBON COUNTY, UTAH
 SECTION 36, T12S, R15E, S.L.B.&M.

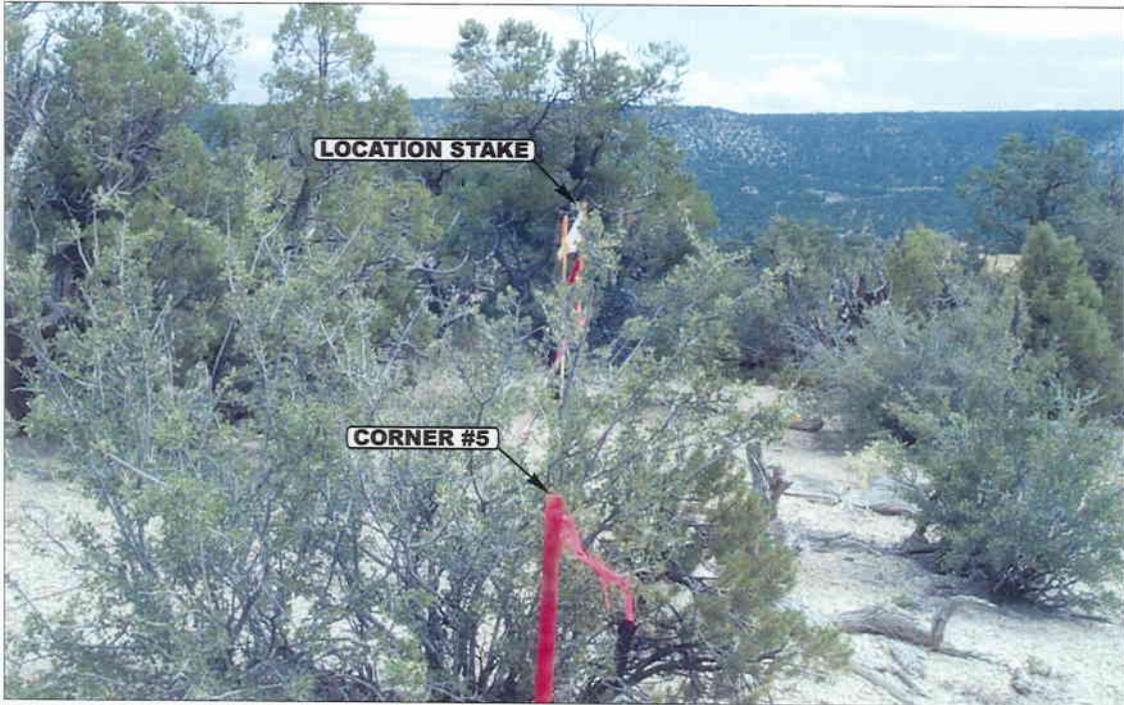


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

08 27 03
 MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

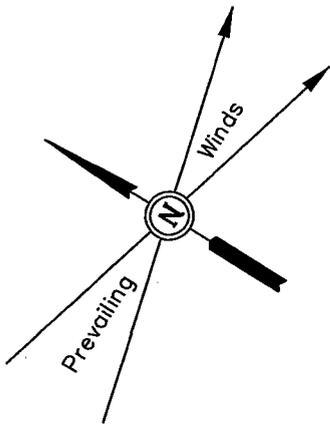
DRAWN BY: P.M.

REVISED: 00-00-00

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

PRICKLY PEAR UNIT STATE #12-36
SECTION 36, T12S, R15E, S.L.B.&M.



SCALE: 1" = 50'
DATE: 08-25-03
DRAWN BY: D.R.B.

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

1992' FSL 506' FWL
Existing Drainage Install 18" CMP
Proposed Access Road to #14-36

C-2.1'
El. 45.3'

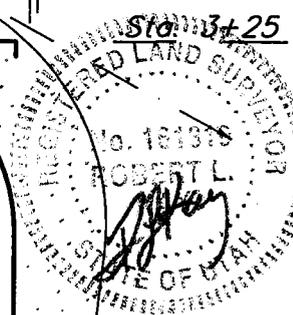
F-16.6'
El. 26.6'

Existing Drainage

CONSTRUCT DIVERSION DITCH

Approx. Top of Cut Slope

Round Corners as Needed



Approx. Toe of Fill Slope

El. 59.0'
C-23.8'
(Btm. Pit)

Flare Pit

El. 49.5'
C-6.3'

C-4.4'
El. 47.6'

Sta. 1+75
F-10.1'
El. 33.1'

El. 58.9'
C-23.7'
(Btm. Pit)

10' WIDE BENCH

RESERVE PIT
8' DEEP
PIT CAPACITY
WITH 2' OF
FREEBOARD
= 5,480 Bbls.

El. 47.9'
C-4.7'

Reserve Pit Backfill & Spoils Stockpile

35' RIG DOG HOUSE 115'

MUD TANKS

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

Existing Drainage

TOILET

TRAILER

FUEL

STORAGE TANK

TRASH

C-9.9'
El. 53.1'

C-4.8'
El. 48.0'

F-2.2'
El. 41.0'

Proposed Access Road

Elev. Ungraded Ground at Location Stake = 7147.6'
Elev. Graded Ground at Location Stake = 7143.2'

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

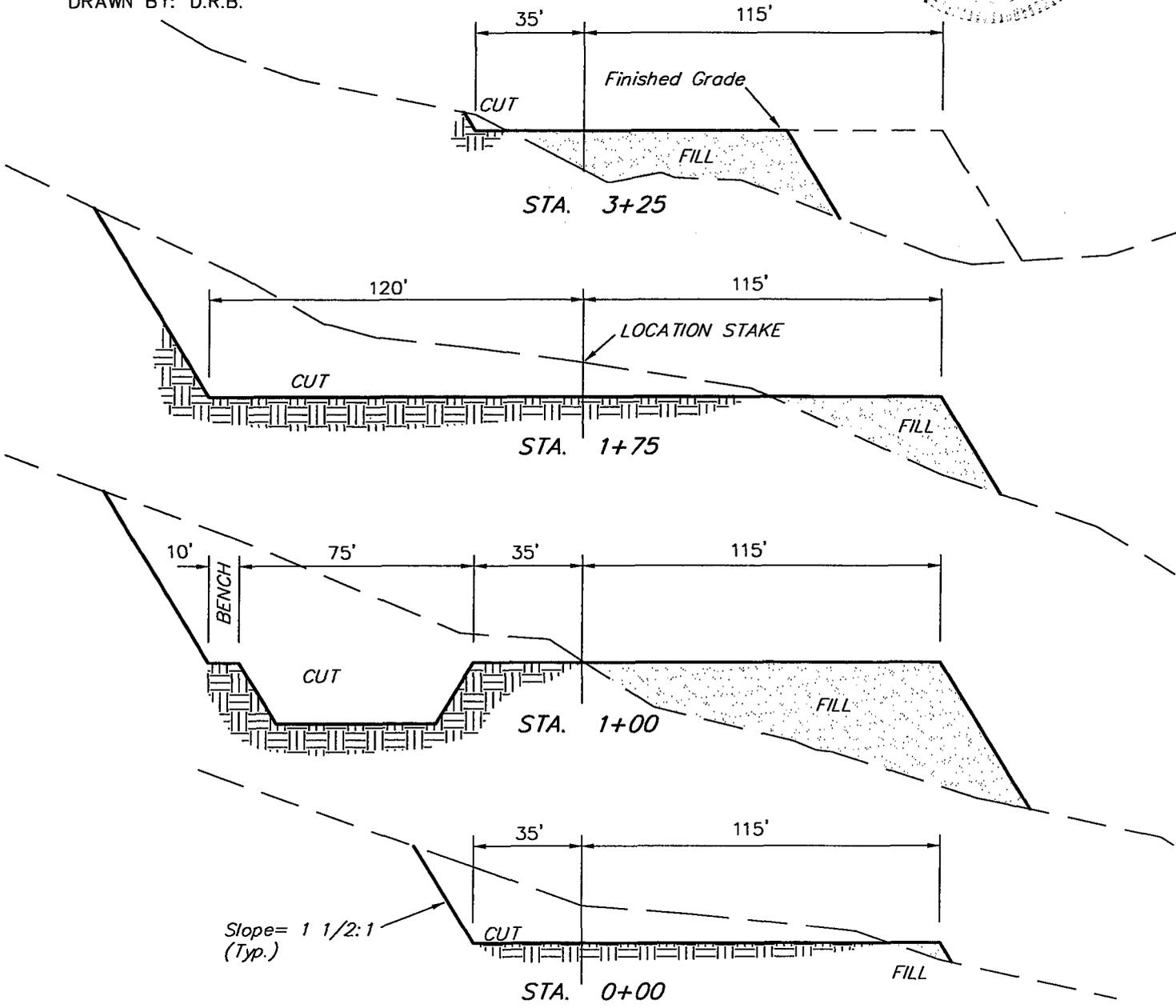
BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR
 PRICKLY PEAR UNIT STATE #12-36
 SECTION 36, T12S, R15E, S.L.B.&M.
 1992' FSL 506' FWL



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

DATE: 08-25-03
 DRAWN BY: D.R.B.

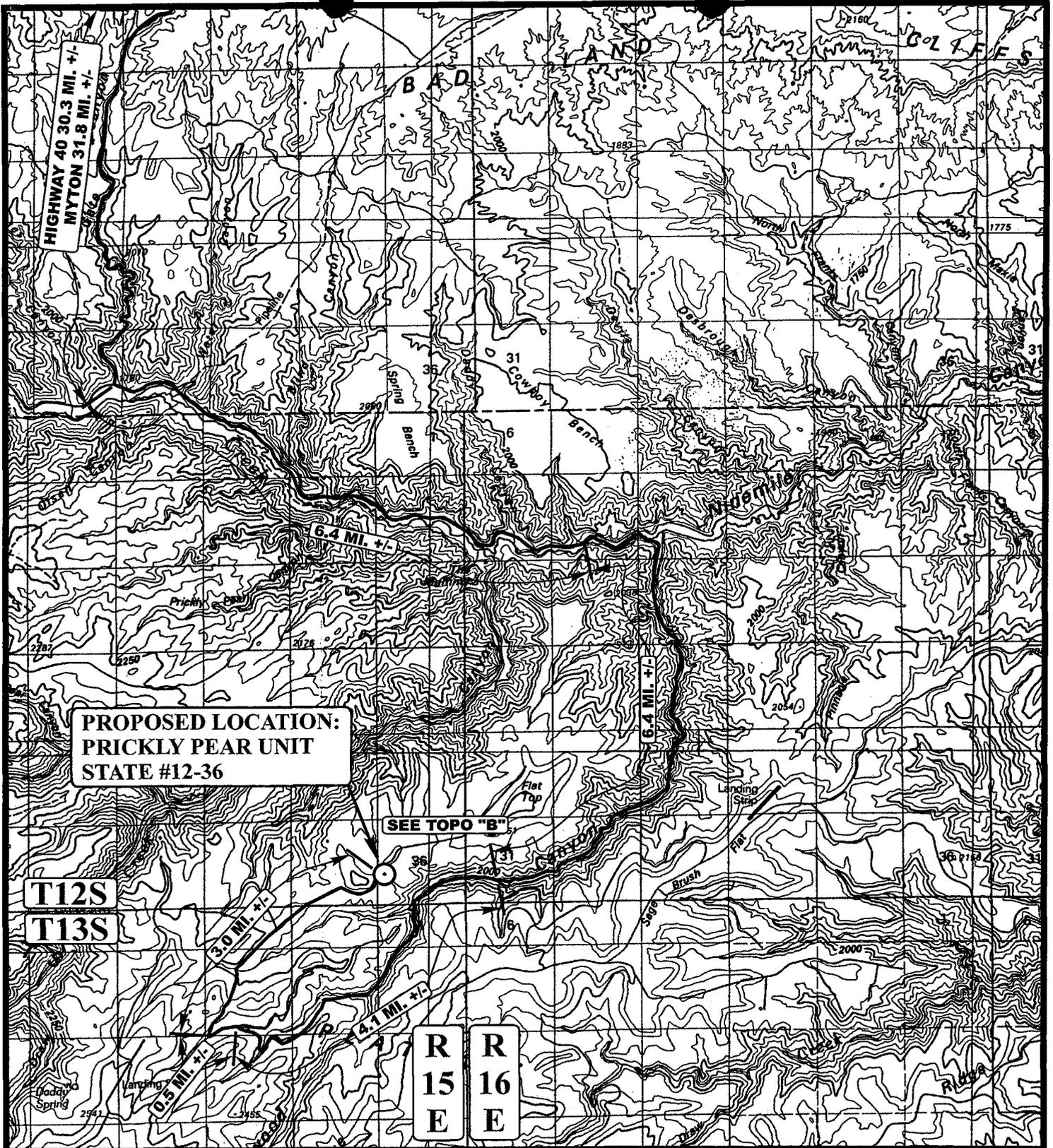


APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,090 Cu. Yds.
Remaining Location	=	10,000 Cu. Yds.
TOTAL CUT	=	11,090 CU.YDS.
FILL	=	8,710 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	1,920 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,920 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

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



LEGEND:

○ PROPOSED LOCATION



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

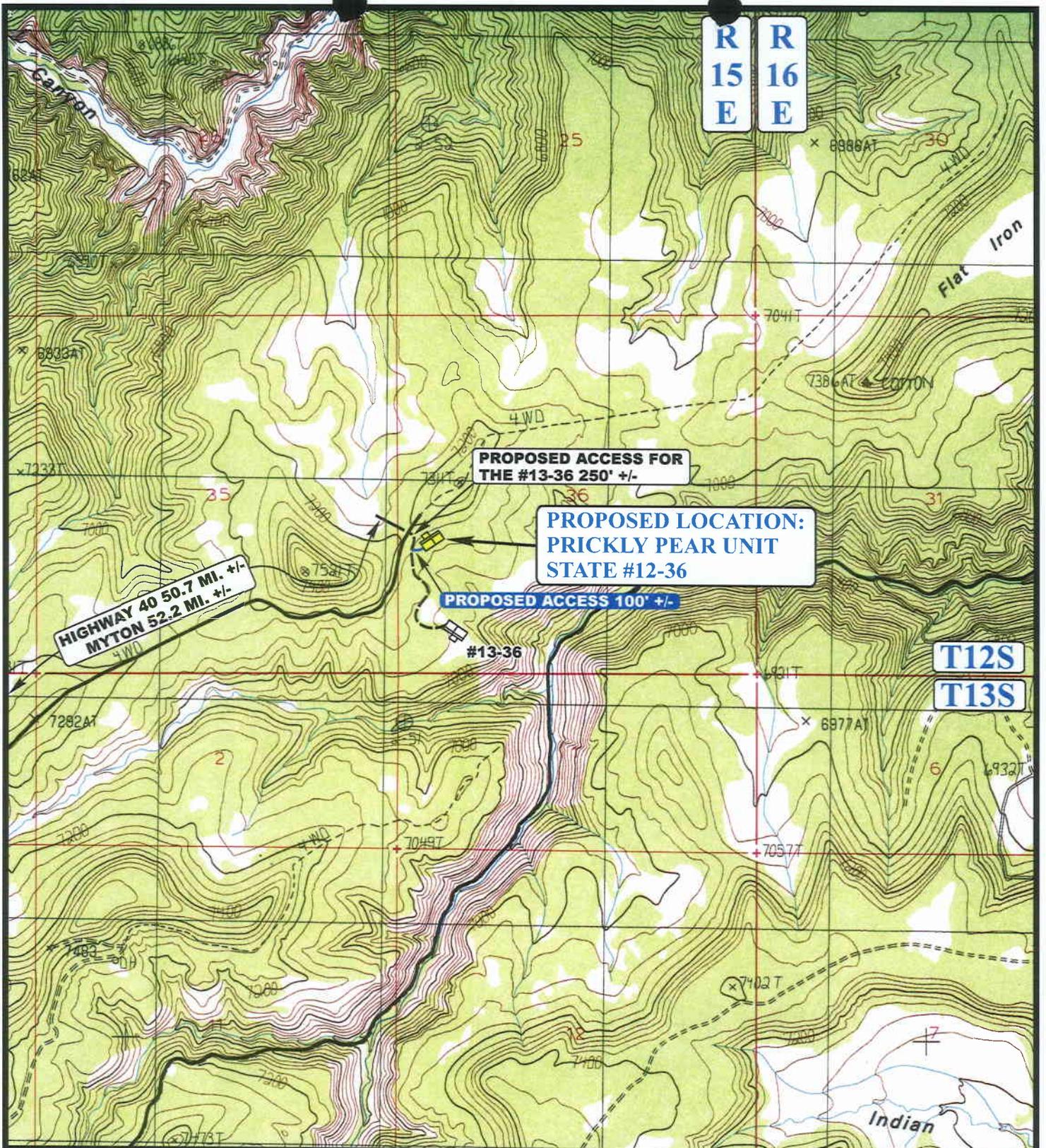


BILL BARRETT CORPORATION

PRICKLY PEAR UNIT STATE #12-36
 SECTION 36, T12S, R15E, S.L.B.&M.
 1992' FSL 506' FWL

TOPOGRAPHIC MAP 08 27 03
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD

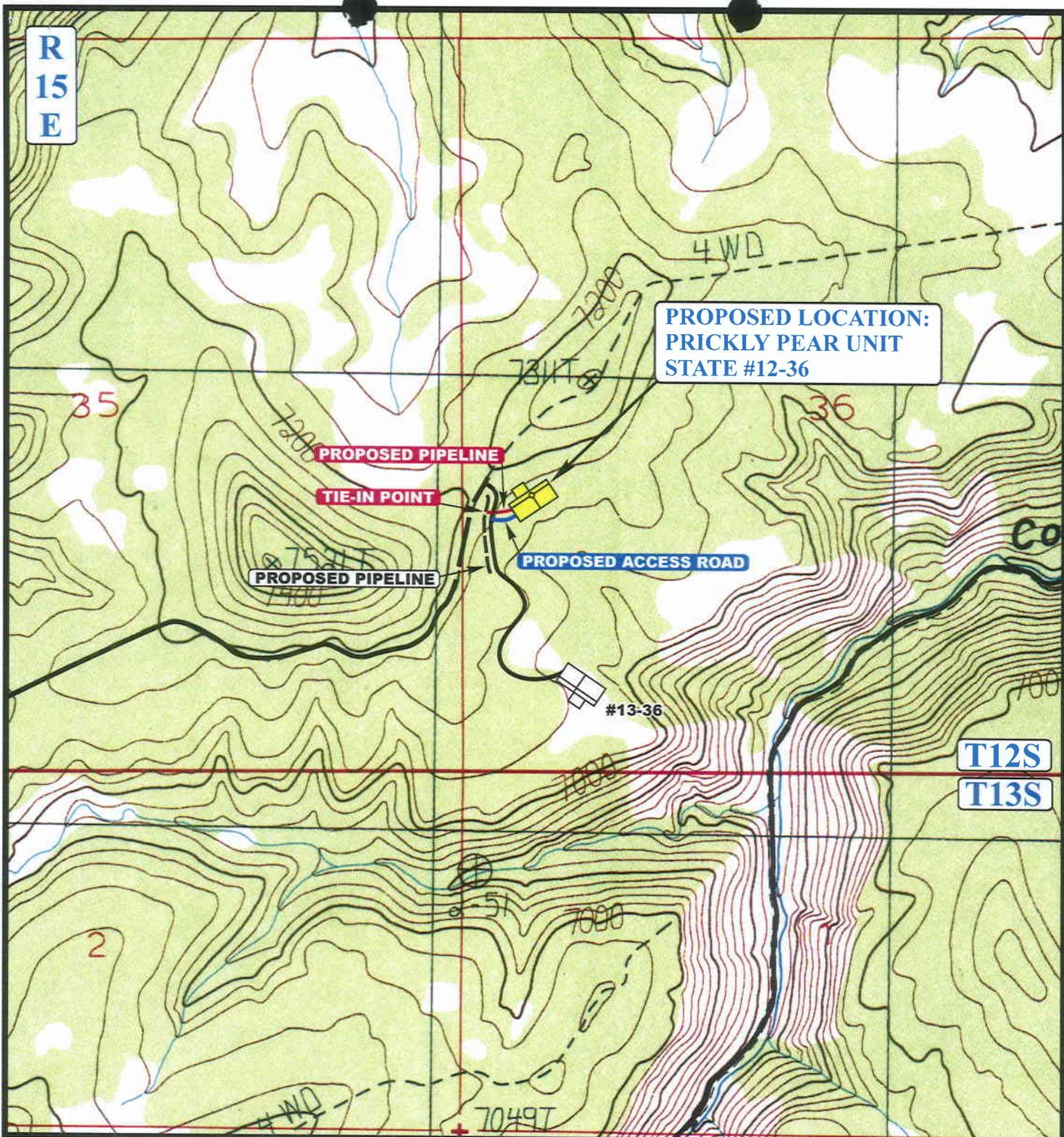
BILL BARRETT CORPORATION

PRICKLY PEAR UNIT STATE #12-36
SECTION 36, T12S, R15E, S.L.B.&M.
1992' FSL 506' FWL

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

TOPOGRAPHIC MAP **08 27 03**
 MONTH DAY YEAR
 SCALE: 1" = 2000' | DRAWN BY: P.M. | REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 150' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

BILL BARRETT CORPORATION

PRICKLY PEAR UNIT STATE #12-36
SECTION 36, T12S, R15E, S.L.B.&M.
1992' FSL 506' FWL



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

TOPOGRAPHIC MAP 08 27 03
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/17/2006

API NO. ASSIGNED: 43-007-31228

WELL NAME: PRICKLY PEAR U ST 12-36-12-15
 OPERATOR: BILL BARRETT CORP (N2165)
 CONTACT: TRACEY FALLANG

PHONE NUMBER: 303-312-8134

PROPOSED LOCATION:

NWSW 36 120S 150E
 SURFACE: 1992 FSL 0506 FWL
 BOTTOM: 1992 FSL 0506 FWL
 COUNTY: CARBON
 LATITUDE: 39.72859 LONGITUDE: -110.1925
 UTM SURF EASTINGS: 569207 NORTHINGS: 4397736
 FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	9/22/06
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML46710
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: PRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

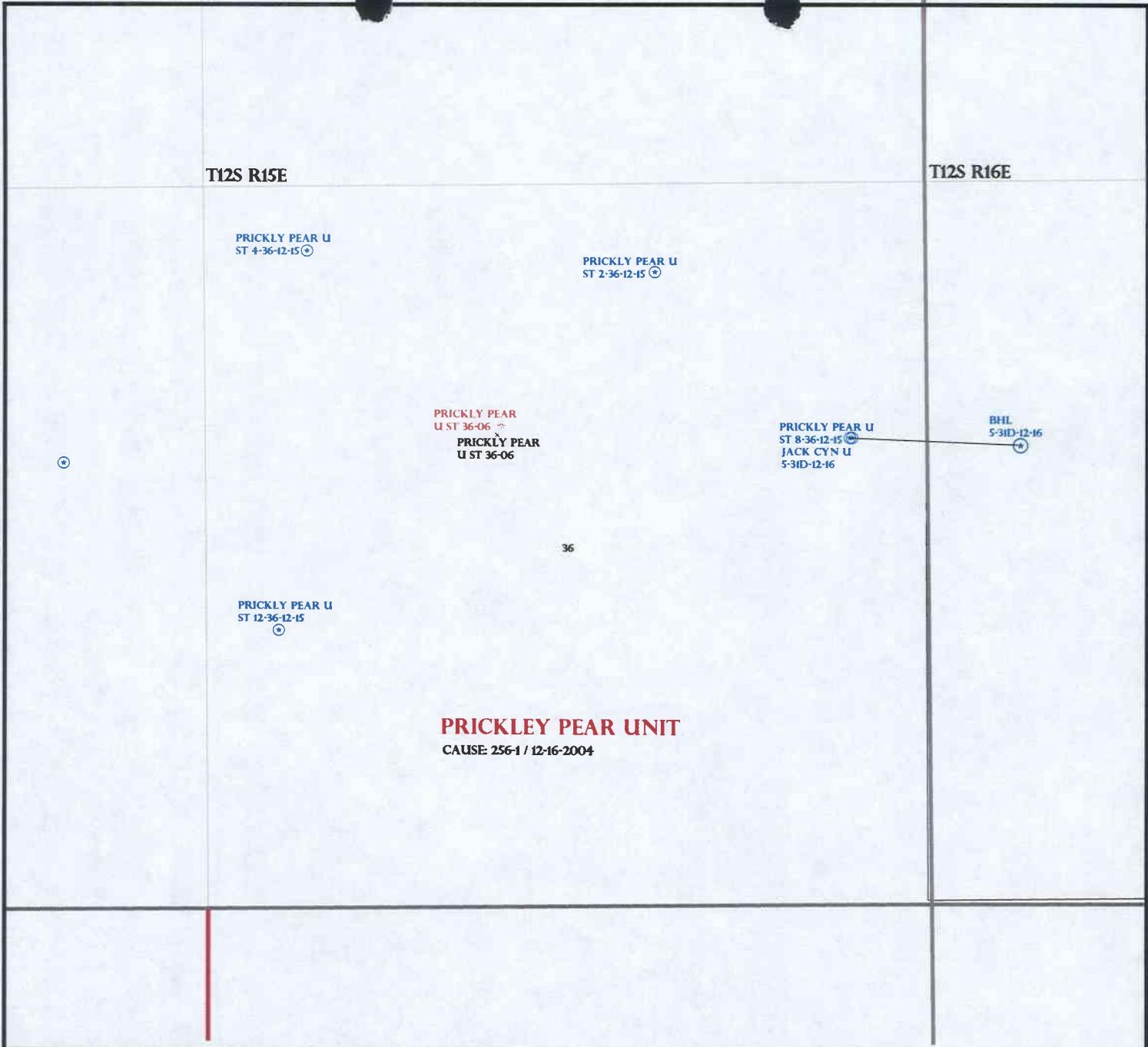
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. LPM4138148)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 90-1826)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: PRICKLY PEAR
- 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' fr u barg f unit within fees
- R649-3-11. Directional Drill

COMMENTS: Needs Permit (08-29-06)

STIPULATIONS: 1 - STATEMENT OF BASIS
2 - Cement slt #3A (5 1/2" producer, 2000' MD, isolate BMSGW)



OPERATOR: BILL BARRETT CORP (N2165)

SEC: 36 T.12S R. 15E

FIELD: WILDCAT (001)

COUNTY: CARBON

CAUSE: 256-1 / 12-16-2004

Field Status

ABANDONED
ACTIVE
COMBINED
INACTIVE
PROPOSED
STORAGE
TERMINATED

Unit Status

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

Wells Status

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 18-AUGUST-2006

Application for Permit to Drill

Statement of Basis

9/19/2006

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
66	43-007-31228-00-00		GW	S	No
Operator	BILL BARRETT CORP	Surface Owner-APD	SITLA		
Well Name	PRICKLY PEAR U ST 12-36-12-15	Unit	PRICKLY PEAR		
Field	WILDCAT	Type of Work			
Location	NWSW 36 12S 15E S 0 FL 0 FL	GPS Coord (UTM)	569207E 4397736N		

Geologic Statement of Basis

Bill Barrett Corp. proposes to set 1,000' of surface casing at this location. The base of the moderately saline water is at approximately 2,000 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River formation and fresh water can be expected to be found in the upper Green River. A search of Division of Water Rights records indicates no water wells within a 10,000 foot radius of the proposed location. The proposed casing and cement program should adequately protect any useable ground water.

Brad Hill
APD Evaluator

9/19/2006
Date / Time

Surface Statement of Basis

The Division did schedule a presite meeting for this well on August 29, 2006 to address surface issues and take input from concerned parties regarding the drilling of this well. Ed Bonner with Sitla was invited to the presite meeting as the landowner representative. Ed Bonner didn't have any issues or comments regarding the surface use other than was supportive of Barretts efforts to develop minerals so SITLA could earn money off the lands. Nathan Sill with the Utah Division of Wildlife Resources was also invited to address wildlife issues and concerns. Nathen did not attend the meeting but provided comments through an email saying UDWR requests a crucial deer and elk winter range closure to activity between November 1st through May 15th. Roger Mitchell (dirt contractor) did say that they have started using a roller in the pit bottoms to break up rocks and then straw, felt liners and a 16 mil liner which have all helped the reserve pits hold water. The location does slope south/southeast and have over a forty foot cut from the reserve it to the location corner number 8, where sixteen feet of fill is anticipated. Location spoils should be mixed with surface vegetation and trees to help prevent eroison along the downhill or southern border. No other issues were noted.

Dennis Ingram
Onsite Evaluator

9/6/2006
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location. Surface vegetation and trees should be piled along southern border with berming to prevent erosion off location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name PRICKLY PEAR U ST 12-36-12-15
API Number 43-007-31228-0 **APD No** 66 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWSW **Sec** 36 **Tw** 12S **Rng** 15E 0 FL 0 FL
GPS Coord (UTM) 569211 4397742 **Surface Owner** SITLA

Participants

Ed Bonner (Sitla), Bryon Getchell (Bill Barrett), Lane Chetester (Bill Barrett), Dennis Ingram (DOGM)

Regional/Local Setting & Topography

Well has been proposed approximately 30.3 miles south of US Highway 40 and south of Myton, Utah, down the Wells Draw and Gate Canyon Roads to Nine Mile Canyon, then east to Cotton Wood Canyon, then south to Flat Iron Mesa where the road turns back northeast to the location. Flat Iron Mesa is a broad plateau or bench that rises to the south into the higher Range Creek area. Access to the south of this mesa is a jeep trail type road up over Cold Springs to the Range Creek Road. This location stakes up just off the southeast side of the main access road across Flat Iron Meas. The surface slopes to the southeast toward Cotton Wood Canyon. To the south and north this bench is cut deep by Cottonwood and Dry Canyon--the canyon bottoms are often times over a thousand feet deep. Those two drainages run north/northeast and drain the Range Creek high country into Nine Mile canyon which is located approximately 3.75 miles to the north.

Surface Use Plan

Current Surface Use

Deer Winter Range

New Road

Miles	Well Pad	Src Const Material	Surface Formation	
	Width 150	Length 325	Onsite	GRRV

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Indian Rice Grass, pinion/juniper, mountain mohogany; Elk and mule deer winter range, potential mountain lion and/or black bear.

Soil Type and Characteristics

Tan fine grained sandy clay with underlying sandstone

Erosion Issues Y

One shallow drainages across loaction that should be re-routed and possibly tied back into existing drainages below if possible.

Sedimentation Issues Y

Possible from above location onto same and off location on down the hillside

Site Stability Issues N

Drainage Diversion Required Y

Previously discussed

Berm Required? Y

As needed

Erosion Sedimentation Control Required? Y

Re-route the drainage to the northeast and tie in below, use any diversion berms necessary to prevent erosion.

Paleo Survey Run?

Paleo Potential Observed? N

Cultural Survey Run? Y

Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0

Final Score 25 1 Sensitivity Level

Characteristics / Requirements

Proposed on the northwest side in 23.8 feet of cut and measuring 100'x 75'x 8' deep. Prevailing winds from the northwest and should have air movement from reserve pit across the wellhead. Barrett should continue their practice of breaking up the rocks in pit with a roller and installing a felt pad with straw and a 16 mil liner to prevent seepage from same.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 16

Pit Underlayment Required? Y

Other Observations / Comments

Surface slopes so that angle of cut and fill will equal forty plus feet, there is one drainage that cuts across the location from pit corner C and angles somewhat southeast across it, discuss re-routing drainage to the east like shown on cut and fill sheet, also noted trees from surface would be mixed with dirt berm along the southern or downhill border to stabilize and prevent erosion.

Dennis Ingram
Evaluator

9/6/2006
Date / Time

Casing Schematic

BHP
 $(0.052)(7600)(9.5) = 3754 \text{ psi}$
anticipate same

9-5/8"
MW 8.4
Frac 19.3

gas
 $(.12)(7600) = 912$
 $3754 - 912 = 2842 \text{ psi MASP}$

BOPE → 3M ✓

Burst on Surf. csg ~~3520~~
70% = 2464 psi

Max @ surf. csg shoe
 $\frac{7600}{-1000}$
 $6600 \times (0.22) = 1452$
 $3754 - 1452 = 2302 \text{ psi}$

test to 2302 psi ✓
(± 1800 psi surf. press.)

✓ Adequate ✓
9/22/06
5-1/2"
MW 9.5

Surface

12 3/4"

18 3/4"

TOC @ Green River
0. ✓

-689' TOC fail w/18% washout

Surface
1000. MD

-2000' BMSW

-2970' Wasatch

TOC @
3118.

Propose TOC to 2500'
(w/8 3/8 washout)

Need TOC to 2000' to isolate
BMSW (w/5 3/8 washout)

✓ * Step to 2000' MD min

-4850' North Horn

-6500' Dark Canyon
-6700' Price River

Production
7600. MD

Well name: **2006-09 Bill Barrett Prickley Pear St 12-36-12-15**
 Operator: **Bill Barrett Corp**
 String type: **Surface** Project ID: **43-007-31228**
 Location: **Carbon County**

Design parameters:

Collapse
 Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:
 Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 70 °F
 Bottom hole temperature: 84 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 185 ft

Burst

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

Burst:

Design factor 1.00

Cement top: Surface

No backup mud specified.

Tension:

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

Non-directional string.

Re subsequent strings:

Next setting depth: 7,600 ft
 Next mud weight: 9,500 ppg
 Next setting BHP: 3,751 psi
 Fracture mud wt: 19,250 ppg
 Fracture depth: 1,000 ft
 Injection pressure: 1,000 psi

Tension is based on air weight.
 Neutral point: 875 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	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	433.9
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	436	2020	4.631	1000	3520	3.52	36	394	10.95 J

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

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

Date: September 21, 2006
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

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

Well name:	2006-09 Bill Barrett Prickley Pear St 12-36-12-15		
Operator:	Bill Barrett Corp		
String type:	Production	Project ID:	43-007-31228
Location:	Carbon County		

Design parameters:

Collapse

Mud weight: 9.500 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 2,079 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 3,751 psi

 No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

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

Tension is based on air weight.
 Neutral point: 6,505 ft

Environment:

H2S considered? No
 Surface temperature: 70 °F
 Bottom hole temperature: 176 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 368 ft

 Cement top: 3,118 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7600	5.5	17.00	N-80	LT&C	7600	7600	4.767	992
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	3751	6290	1.677 ✓	3751	7740	2.06 ✓	129	348	2.69 J ✓

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

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

Date: September 21, 2006
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 7600 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

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

Well name:

2006-09 Bill Barrett Prickley Pear St 12-36-12-15

Operator: **Bill Barrett Corp**

String type: Production

Project ID:

43-007-31228

Location: Carbon County

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 70 °F
Bottom hole temperature: 176 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 3,118 ft

Burst

Max anticipated surface pressure: 2,079 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,751 psi

No backup mud specified.

Tension:

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

Tension is based on air weight.
Neutral point: 6,507 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7600	5.5	20.00	P-110	LT&C	7600	7600	4.653	946.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3751	11100	2.960 ✓	3751	12630	3.37 ✓	152	548	3.61 J ✓

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

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

Date: September 22, 2006
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 7600 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

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

Well name:

2006-09 Bill Barrett Prickley Pear St 12-36-12-15

Operator: **Bill Barrett Corp**

String type: Production

Project ID:

43-007-31228

Location: Carbon County

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 70 °F
Bottom hole temperature: 176 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: 3,897 ft

Burst

Max anticipated surface pressure: 2,079 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,751 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on air weight.
Neutral point: 6,520 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	7600	4.5	11.60	I-80	LT&C	7600	7600	3.875	663.2
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	3751	6360	1.696 ✓	3751	7780	2.07 ✓	88	212	2.40 J ✓

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

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

Date: September 22, 2006
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 7600 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

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

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 18, 2006

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Prickly Pear Unit Carbon County,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Prickly Pear Unit, Carbon County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Price River)		
43-007-31226	Prickly Pear	2-36-12-15 Sec 36 T12S R15E 0695 FNL 1995 FEL
43-007-31227	Prickly Pear	4-36-12-15 Sec 36 T12S R15E 0505 FNL 0733 FWL
43-007-31228	Prickly Pear	12-36-12-15 Sec 36 T12S R15E 1992 FSL 0506 FWL

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

/s/ Michael L. Coulthard

bcc: File – Prickly Pear Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron

From: Ed Bonner
To: Whitney, Diana
Date: 9/18/2006 11:51:50 AM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Bill Barrett Corporation

Prickly Pear State 2-36-12-15 (API 43 007 31226)
Prickly Pear State 4-36-12-15 (API 43 007 31227)
Prickly Pear State 12-36-12-15 (API 43 007 31228)

Enduring Resources, LLC

Long Draw 12-24-31-26 (API 43 047 38435)

EOG Resources, Inc

Chapita Wells Unit 1220-02 (API 43 047 37985)
Chapita Wells Unit 1221-02 (API 43 047 38509)
Chapita Wells Unit 1217-02 (API 43 047 38345)
Chapita Wells Unit 1219-02 (API 43 047 38344)
Chapita Wells Unit 1243-02 (API 43 047 38346)

Kerr McGee Oil & Gas Onshore LP

NBU 922-32N-1T (API 43 047 38567)
NBU 922-32H-3T (API 43 047 38569)

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 25, 2006

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

Re: Prickly Pear Unit State 12-36-12-15 Well, 1992' FSL, 506' FWL, NW SW,
Sec. 36, 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 43-007-31228.

Sincerely,

for Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Bill Barrett Corporation
Well Name & Number Prickly Pear Unit State 12-36-12-15
API Number: 43-007-31228
Lease: ML-46710

Location: NW SW Sec. 36 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**

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

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

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

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2000' MD in order to adequately isolate the base of moderately saline ground water.

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46710
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Prickly Pear/UTU-079487
2. NAME OF OPERATOR: Bill Barrett Corporation		8. WELL NAME and NUMBER: Prickly Pear Unit State 12-36-12-15
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4300731228
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1992 FSL, 506 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 12S 15E		10. FIELD AND POOL, OR WLD CAT: Undesig - Wasatch/Mesaverde
		COUNTY: Carbon STATE: UTAH

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
This sundry is being submitted as a request to extend the permit issued September 25, 2006.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09-11-07
By: [Signature]

NAME (PLEASE PRINT) <u>Tracey Fallang</u>	TITLE <u>Environmental/Regulatory Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>9/5/2007</u>

(This space for State use only)

RECEIVED
SEP 07 2007

9-12-07
RM

CONFIDENTIAL

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

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

API: 4300731228
Well Name: Prickly Pear Unit State 12-36-12-15
Location: 1992' FSL, 506' FWL, NWSW, Sec. 36, T12S-R15E
Company Permit Issued to: Bill Barrett Corporation
Date Original Permit Issued: 9/25/2006

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

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

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

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

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

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

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

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

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

Tracy Fallany
Signature

9/5/2007
Date

Title: Environmental/Regulatory Analyst

Representing: Bill Barrett Corporation

RECEIVED
SEP 07 2007

DIV. OF OIL, GAS & MINING

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

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46710
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
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.		7. UNIT or CA AGREEMENT NAME: Prickly Pear/UTU-79487
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Prickly Pear Unit State 12-36-12-15	
2. NAME OF OPERATOR: Bill Barrett Corporation		9. API NUMBER: 4300731228
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 312-8134	10. FIELD AND POOL, OR WILDCAT: Undesig - Wasatch/Mesaverde
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1992 FSL, 506 FWL		COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 12S 15E		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
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	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>APD Expiration</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This sundry is being submitted as a request to extend the permit issued September 25, 2006, extension approved September 11, 2007.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-26-08
By: [Signature]

NAME (PLEASE PRINT) <u>Tracey Fallang</u>	TITLE <u>Environmental/Regulatory Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/22/2008</u>

(This space for State use only)

COPY SENT TO OPERATOR

Date: 8.27.2008

Initials: KS

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

AUG 25 2008

DIV. OF OIL, GAS & MINING

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

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

API: 4300731228
Well Name: Prickly Pear Unit State 12-36-12-15
Location: 1992' FSL, 506' FWL, NWSW, Sec. 36, T12S-R15E
Company Permit Issued to: Bill Barrett Corporation
Date Original Permit Issued: 9/25/2006

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

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

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

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

Marcy Falloney
Signature

8/22/2008
Date

Title: Environmental/Regulatory Analyst

Representing: Bill Barrett Corporation

RECEIVED
AUG 25 2008
DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 36 12S 15E		9. API NUMBER: 4300731228
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STATE: UTAH		

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

BILL BARRETT CORPORATION (BBC) REQUESTS AN EXTENSION ON THE APD FOR THIS LOCATION. THE ORIGINAL APD WAS APPROVED ON 09/25/2006 AND EXPIRES ON 08/25/2009.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 08-24-09
By: [Signature]

COPY SENT TO OPERATOR
Date: 8-25-2009
Initials: KS

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Permit Analyst</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/17/2009</u>

(This space for State use only)

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AUG 20 2009

DIV. OF OIL, GAS & MINING

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

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

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Well Name: Prickly Pear Unit State 12-36-12-15
Location: NWSW, Sec. 36, T12S-R15E
Company Permit Issued to: Bill Barrett Corporation
Date Original Permit Issued: 9/25/2006

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

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

Matt Barber
Signature

8/17/2009
Date

Title: Permit Analyst

Representing: Bill Barrett Corporation

RECEIVED

AUG 20 2009

DIV. OF OIL, GAS & MINING



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 27, 2010

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, Colorado 80202

Re: APD Rescinded – Prickly Pear U St 12-36-12-15, Sec. 36, T.12S, R.15E,
Carbon County, Utah API No. 43-007-31228

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on September 25, 2006. On September 11, 2007, August 26, 2008 and August 24, 2009 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective September 27, 2010.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

