

S 533

OCD-ARTESIA

Month - Year  
APR 16 2007  
OCD - ARTESIA, NMFORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HIGH CAVEKARST

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <del>NMNM 96840</del> <u>LC-068430</u> <i>AA</i>	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator BEPCO, L. P. <u>1801</u>		7. If Unit or CA Agreement, Name and No. NMNM 71016	
3a. Address P. O. Box 2760 Midland, TX 79702		8. Lease Name and Well No. Poker Lake Unit #291 <u>1796</u>	
3b. Phone No. (include area code) 432-683-2277		9. API Well No. <u>30-015-35546</u>	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <del>NWSE, UL 1, 1650' FSL &amp; 1980' FWL, Lat N32.200500, Lon W103.500888</del> At proposed prod. zone <u>NESW K</u> <u>CR 2/13/07</u> <u>Changer per attached E.M.A. from Annette Childers 4/10/07</u>		10. Field and Pool, or Exploratory Nash Draw (Dela, BS Avalon Sd)	
11. Sec., T. R. M. or Blk. and Survey or Area Sec 21, T24S, R30E, Mer NMP		12. County or Parish Eddy County	
13. State NM		14. Distance in miles and direction from nearest town or post office* 14 miles East of Malaga, NM	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'		16. No. of acres in lease 2480	
17. Spacing Unit dedicated to this well 40.00		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1458	
19. Proposed Depth 8000'		20. BLM/BIA Bond No. on file NM 2204	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3289' GL		22. Approximate date work will start* 05/01/2007	
23. Estimated duration 12 days		24. Attachments	

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

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

25. Signature <i>Annette Childers</i>	Name (Printed/Typed) Annette Childers	Date <u>2-9-2007</u>
Title Administrative Assistant		
Approved by (Signature) <i>/s/ James Stovall</i>	Name (Printed/Typed)	Date <u>APR 12 2007</u>
Title <b>ACTING FIELD MANAGER</b>		
Office <b>BLM-CARLSBAD FIELD OFFICE</b>		

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

APPROVAL FOR 1 YEAR

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)

If earthen pits are used in association with the drilling of this well, an OCD pit permit must be obtained prior to pit construction.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL  
APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Surface casing to be set into the Rustler below all fresh water sands.

Production casing will be cemented using DS LiteCrete system with TOC 500' above all productive pay zones.

Drilling procedure, BOP diagram, anticipated tops and surface plans attached.

This well is located outside the Secretary's Potash area. There are no potash leases within 1 mile of the location.

OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **BEPCO, L. P.**

3a. Address  
**P. O. Box 2760 Midland, TX 79702**

3b. Phone No. (include area code)  
**432-683-2277**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**NESW, UL K, 1650' FSL & 1980' FWL, Sec 21, T24S R30E, Lat N32.200500, Lon W103.500888**

5. Lease Serial No.

**NMLC 068430**

6. If Indian, Allottee or Tribe Name

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

**NMNM 71016**

8. Well Name and No.

**Poker Lake Unit #291**

9. API Well No.

10. Field and Pool, or Exploratory Area

**Nash Draw (Dela, BS, Avalon Sd)**

11. County or Parish, State

**Eddy County, NM**

**12. CHECK 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 checked="" 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 type="checkbox"/> Other
	<input checked="" 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**The Poker Lake Unit #291 well plan calls for 11-3/4" surface casing to allow BEPCO, L.P. to drill an 11" hole to a depth of approximately 3750'. This 11" hole gives the option to install an 8-5/8" intermediate casing string if hole conditions so dictate. The conditions which would cause BEPCO, L.P. to run and cement this 8-5/8" string are: 1) lost circulation; 2) flowing sand which can only be controlled by high viscosity muds (80-90 funnel sec); or 3) other unforeseen hole problems.**

**The 8-5/8" casing will be cemented with lead cement of approx 500 sx Halco Interfill C or similar (11.6 ppg, 2.76 cuft/sx yld) followed by approx 200 sx Class C + 1% CaCl2 (14.8 ppg, 1.35 cuft/sx yld). Cement will be circulated to surface. BOPs installed on this casing will be 3000 psi working pressure and will be hydrostatically tested by independent testers.**

**Notification to the BLM of the decision to run and cement this 8-5/8" casing would be given thru Sundry Notice prior to actually running the 8-5/8" casing.**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

*Handwritten initials and date: 4/12/07*

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

**Annette Childers**

Title **Administrative Assistant**

Signature

*Annette Childers*

Date

**4-11-07**

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

Approved by

**Don Peterson**

**ACTING**

**FIELD MANAGER**

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

**CARLSBAD FIELD OFFICE**

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

(Instructions on page 2)

**Conditions of Approval for Contingency String  
Poker Lake Unit #291**

1. As soon as hole conditions are encountered which will necessitate setting the 8-5/8" casing, the BLM engineer will be notified by phone (duty hours – 505-234-5982 or 505-234-5938/after hours – 505-706-2779).
2. A sundry notice should be prepared at that time for the engineer's approval.
3. In addition, the BLM will be notified a minimum of 12 hours prior to the setting of this casing.
4. If the 8-5/8" casing string is set, cement shall circulate to surface.

**WWI 041007**

## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

## DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

## DISTRICT IV

1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 47545	Pool Name Nash Draw (Delaware, Bone Spring Avalon Sand)
Property Code 068430	Property Name POKER LAKE UNIT	Well Number 291
OGRID No. 001801	Operator Name BEPCO, L.P.	Elevation 3289'

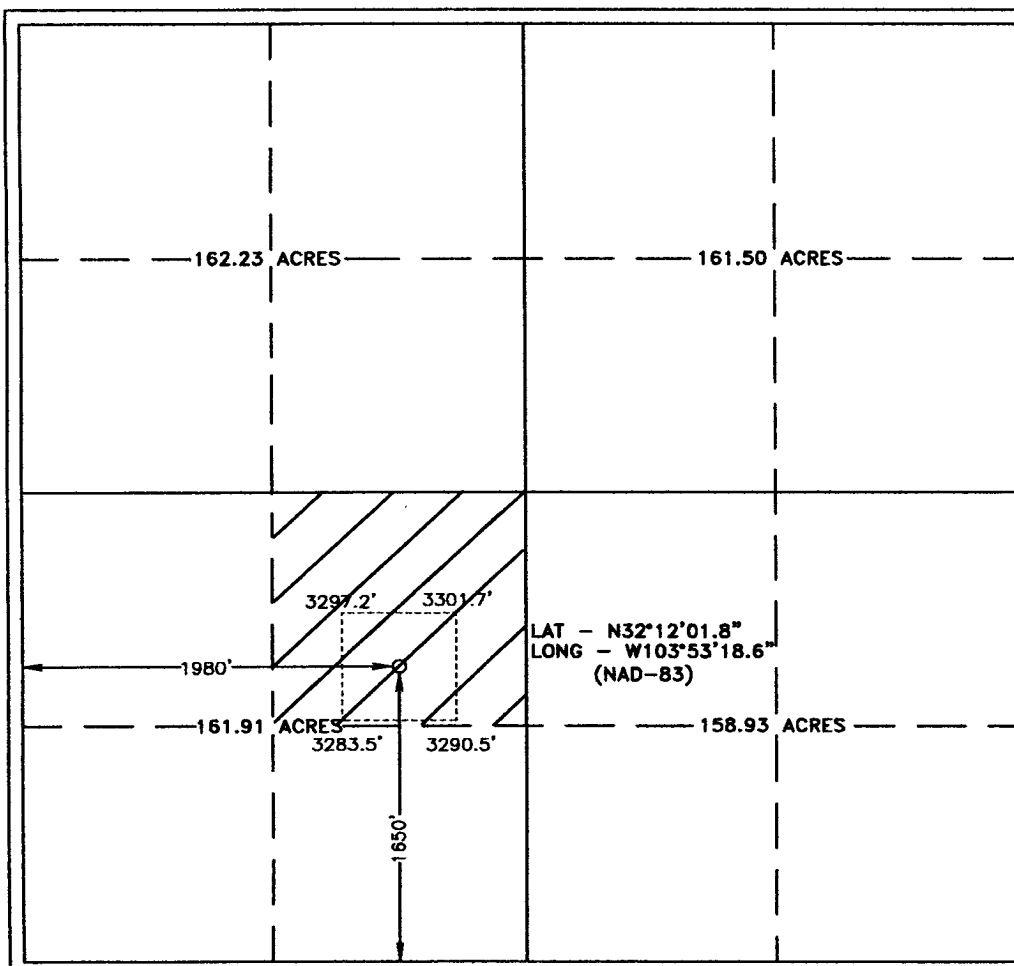
## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	24 S	30 E		1650	SOUTH	1980	WEST	EDDY

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



## OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Gary E. Gerhard* 2/2/07  
Signature Date

Gary E. Gerhard

Printed Name

## SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

DECEMBER 29, 2006

Date Surveyed L. Jones

Signature of Surveyor

Professional Surveyor

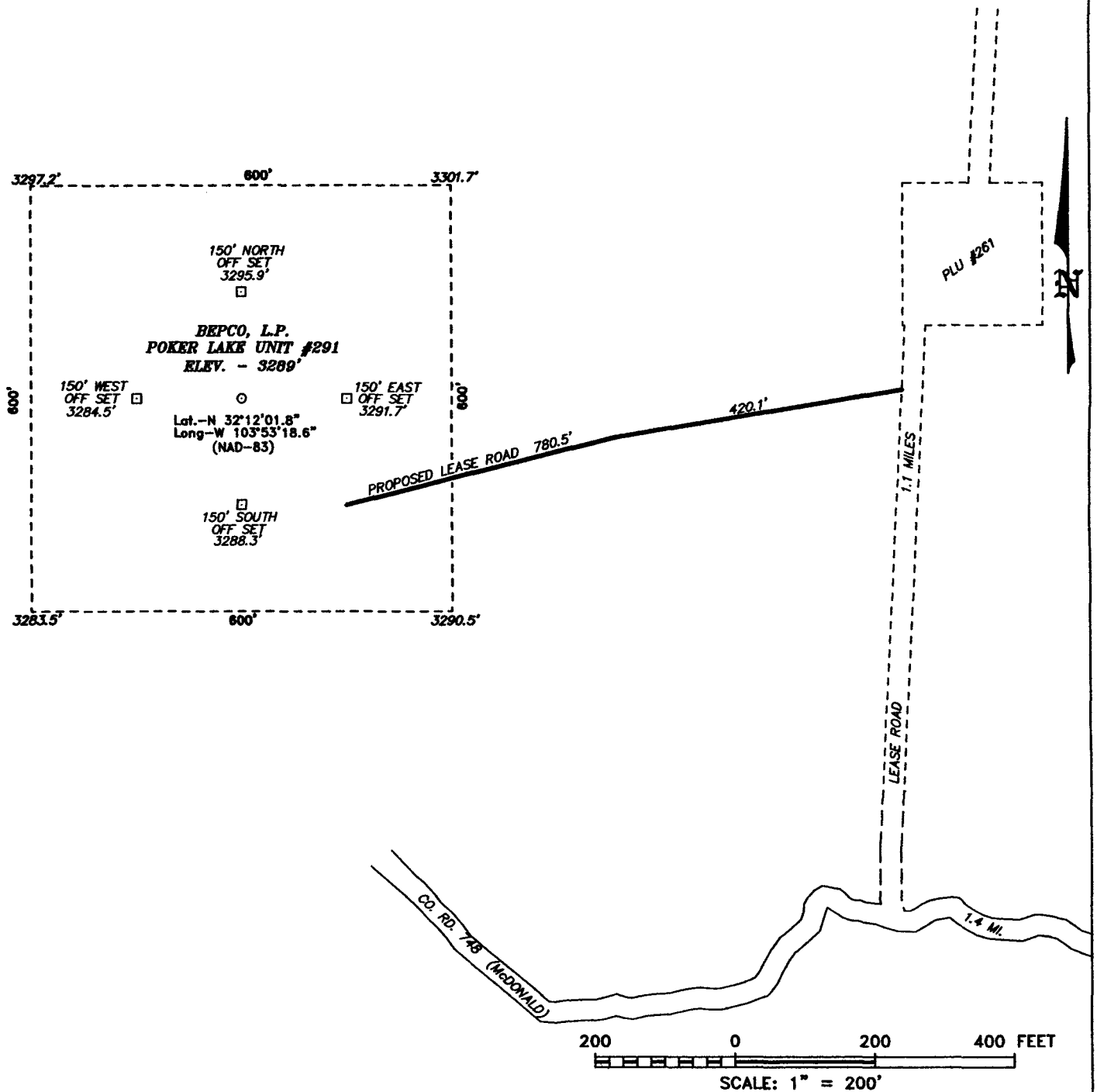
7977

No. 56

Certificate No. Gary L. Jones 7977

Basin Surveys

SECTION 21, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



**DIRECTIONS TO LOCATION:**

FROM THE JUNCTION OF CO. RD. 787 (TWIN WELLS)  
AND CO. RD. 746 (McDONALD), PROCEED WEST ON  
CO. RD. 746 FOR 1.4 MILES TO LEASE ROAD. ON  
LEASE ROAD PROCEED NORTH 1.1 MILE TO THE PLU  
#261 WELL AND PROPOSED LEASE ROAD.

**BASIN SURVEYS** P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 17556

Drawn By: J. SMALL

Date: 01-02-2007

Disk: 17556W JMS

**BEPCO, L.P.**

REF: POKER LAKE UNIT #291 / WELL PAD AND TOPO

THE POKER LAKE UNIT No. 291 LOCATED 1650'

FROM THE SOUTH LINE AND 1980' FROM THE WEST LINE OF

SECTION 21, TOWNSHIP 24 SOUTH, RANGE 30 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 12-29-2006

Sheet 1 of 1 Sheets

# EIGHT POINT DRILLING PROGRAM BEPKO, L.P.

**NAME OF WELL: Poker Lake Unit #291**

**LEGAL DESCRIPTION - SURFACE:** 1650' FSL & 1980' FWL, Section 21, T-24-S, R-30-E, Eddy County, New Mexico.

**POINT 1: ESTIMATED FORMATION TOPS**  
(See No. 2 Below)

**POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS**

Anticipated Formation Tops: KB 3306' (est.)  
GL 3289'

<u>FORMATION</u>	<u>ESTIMATED TOP FROM KB</u>	<u>ESTIMATED SUB-SEA TOP</u>	<u>BEARING</u>
T/Rustler	26'	+ 3280'	Barren
T/Salt	432'	+ 2874'	Barren
B/Salt	3522'	- 216'	Barren
T/Lamar Lime	3728'	- 422'	Oil/Gas
T/Ramsey	3764'	- 458'	Oil/Gas
T/Lower Brushy Canyon (8A)	7301'	- 3995'	Oil/Gas
T/Y" Sand	7431'	- 4125'	Oil/Gas
T/Bone Spring Lime	7601'	- 4295'	Oil/Gas
T/Avalon Sand	7686'	- 4380'	Oil/Gas
TD	8000'	- 4694'	Oil/Gas

*Revised per  
gundry received  
4/10/01  
✓*

*\* IF LC OR SAND/SILT  
UNSTABLE HOLE WITH  
8 5/8" @ 3750' IN LAMAR  
LIME - IF NO DRILL  
PROBLEMS WILL REDU  
HOLE TO 7 7/8" AND RU  
5 1/2" PIPE FROM C TO T  
L. Babcock - 2/26/01*

**POINT 3: CASING PROGRAM**

<u>TYPE</u>	<u>INTERVALS</u>	<u>Hole Size</u>	<u>PURPOSE</u>	<u>CONDITION</u>
16"	0' - 40'	20"	Conductor	Contractor Discretion
WITNESS 8 3/4", 42#, H-40, ST&C, WITNESS	0' - 422' 560	14 3/4"	Surface	New
5 1/2", 15.5#, J-55, LT&C *	0' - 3750'	11"	Production	New
5 1/2", 15.5#, J-55, LT&C	3750' - 6400'	7 7/8"	Production	New
5 1/2", 17#, J-55, LT&C	6400' - 8000'	7 7/8"	Production	New

**POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAM)**

A BOPE equivalent to requirements of Onshore Oil & Gas Order No. 2 - 3000 psi system (Diagram 2) will be nipped up on the surface casing head. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. when installed on the surface casing head will be hydro-tested to 70% of internal yield pressure of casing or 1000 psig whichever is less with the rig pump.

These tests will be performed:

- Upon installation
- After any component changes
- Fifteen days after a previous test
- As required by well conditions

**POINT 5: MUD PROGRAM**

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0' - 432'	FW Spud Mud	8.5 - 9.2	38-70	NC	NC	NC	10.0
432' - 5400'	Brine Water	9.8 - 10.2	28-30	NC	NC	NC	9.5 - 10.5
5400' - TD	BW/Diesel	8.8 - 9.0	32-40	8	2	<25 cc	9.5 - 10.0

**NOTE:** May increase vis for logging purposes only.

**POINT 6: TECHNICAL STAGES OF OPERATION****A) TESTING**

None anticipated.

**B) LOGGING**

GR-CNL-LDT-AIT from TD to base of Salt (+/- 3500').  
GR-CNL-CAL from base of Salt to surface.

**C) CONVENTIONAL CORING**

None anticipated.

**D) CEMENT**

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT <sup>3</sup> /SX	WL
<b>SURFACE:</b>							
Lead 0 - 422' (100% excess circ to surface)	310	422	Class C + 2% CaCl <sub>2</sub>	6.33	14.8	1.34	NC
<b>PRODUCTION:</b>							
Lead 3228' - 6000' (50% excess)	295	2772	LiteCrete 39/61 (D961/ D124) + 2% bwob D153 + 0.05 gpsb D604AM + 0.03 gpsb M45 + 2 pps D24 + 0.04 gpsb D801	9.875	10.2	2.37	200
Tail 6000' - 8000' (50% excess)	255	2000	LiteCrete 39/61 (D961/ D124) + 2% bwob D153 + 0.05 gpsb D604AM + 0.03 gpsb M45 + 2 pps D24 + 0.04 gpsb D801	7.336	10.5	2.04	115

**E) DIRECTIONAL DRILLING**

No directional services anticipated.

~~1100 SX~~

$$295 \text{ SX} \times 2.37 \frac{\text{FT}^3}{\text{SX}} \rightarrow 700 \text{ FT}^3$$

$$5\frac{1}{2}'' \text{ CSC IN } 7\frac{7}{8}'' \text{ HOLE} \rightarrow 0.1733 \text{ FT}^3/\text{FT}$$

$$1220 \text{ FT}^3 / 0.1733 \text{ FT}^3/\text{FT} \rightarrow 7000 \text{ FT} \text{ (TD = 8000')}$$

$$255 \text{ SX} \times 2.04 \frac{\text{FT}^3}{\text{SX}} \rightarrow 520 \text{ FT}^3$$

$$1220 \text{ FT}^3$$



**POINT 7: ANTICIPATED RESERVOIR CONDITIONS**

Normal pressures are anticipated throughout Delaware section. A BHP of 3615 psi (max) or MWE of 8.7 ppg is expected. Lost circulation may exist in the Delaware Section from 3728'-7601'. No H<sub>2</sub>S is anticipated.

**POINT 8: OTHER PERTINENT INFORMATION****A) Auxiliary Equipment**

Upper and lower kelly cocks. Full opening stab in valve on the rig floor.

**B) Anticipated Starting Date**

Upon approval

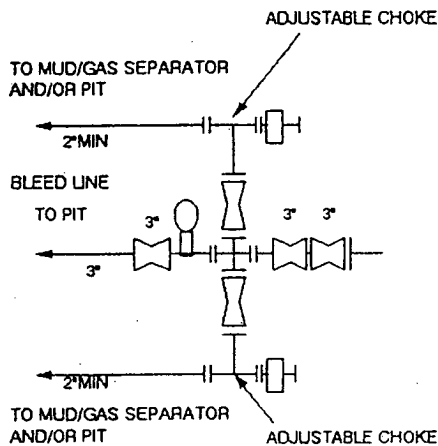
12 days drilling operations

14 days completion operations

JAB/GEG:cnt

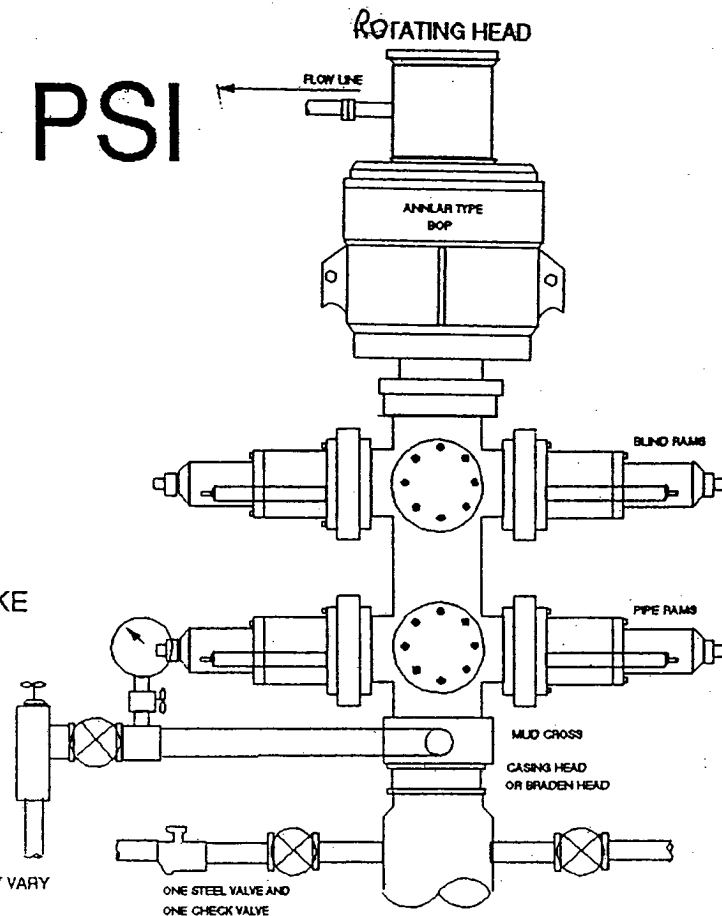
February 9, 2007

# 3000 PSI



3000 # PSI CHOKES MANIFOLDE EQUIPMENT - CONFIGURATION MAY VARY

CHOKES



## THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. One double gate blowout preventer with lower rams for pipe and upper rams blind, all hydraulically controlled.
- B. Opening on preventers between rams to be flanged, studded or clamped and at least two inches in diameter.
- C. All connections from operating manifold to preventers to be all steel hose or tube a minimum of one inch in diameter.
- D. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventers.
- E. All connections to and from preventers to have a pressure rating equivalent to that of the BOP's.
- F. Manual controls to be installed before drilling cement plug.
- G. Valve to control flow through drill pipe to be located on rig floor.
- H. All chokes will be adjustable. Choke spool may be used between rams.

DIAGRAM 1

## **MULTI-POINT SURFACE USE PLAN**

**NAME OF WELL: Poker Lake Unit #291**

**LEGAL DESCRIPTION - SURFACE:** 1650' FSL & 1980' FWL, Section 21, T-24-S, R-30-E, Eddy County, New Mexico.

### **POINT 1: EXISTING ROADS**

A) Proposed Well Site Location:

See Exhibit A and Survey Plats

B) Existing Roads:

From the junction of Co. Rd. 787 (Twin Wells) and Co. Rd. 746 (McDonald), proceed west on Co. Rd. 746 for 1.4 miles to lease road. On lease road proceed north 1.1 miles to the PLU #261 well and proposed lease road.

C) Existing Road Maintenance or Improvement Plan:

See Exhibit B and Survey Plats.

### **POINT 2: NEW PLANNED ACCESS ROUTE**

A) Route Location:

Approximately 1200' of new road will be built from the existing lease road to Poker Lake Unit #261.

B) Width

12'

C) Maximum Grade

Grade to match existing topography or as per BLM requirements.

D) Turnout Ditches

Spaced per BLM requirements.

E) Culverts, Cattle Guards, and Surfacing Equipment

If required, culverts and cattle guards will be set per BLM Specs.

### **POINT 3: LOCATION OF EXISTING WELLS**

Exhibit A indicates existing wells within the surrounding area.

## CONDITIONS OF APPROVAL - DRILLING

Operator's Name: BEPCO, L.P.  
Well Name & No. 291 – POKER LAKE UNIT  
Location: 1650' FSL & 1980' FWL – SEC 21 – T24S – R30E - EDDY  
Lease: NMLC-068430

### I. DRILLING OPERATIONS REQUIREMENTS:

- A. The Bureau of Land Management (BLM) is to be notified a minimum of 4 hours in advance for a representative to witness:
1. Spudding well
  2. Setting and/or Cementing of all casing strings
  3. BOPE tests
- Eddy County call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (505) 361-2822
- B. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

### II. CASING:

- A. The 11-3/4 inch surface casing shall be set above the salt and a minimum of 25 feet into the Rustler Anhydrite at approximately 520 feet and cemented to the surface. Fresh water mud to be used to setting of surface casing.
1. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.
  2. Wait on cement (WOC) time for a primary cement job will be a minimum of 12 hours for a non-water basin, 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compression strength, whichever is greater. (This is to include the lead cement)
  3. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compression strength, whichever is greater.
  4. If cement falls back, remedial action will be done prior to drilling out that string.
- B. The minimum required fill of cement behind the 5-1/2 inch production casing is cement shall extend a minimum of 200 feet inside the surface casing.
- C. If hardband drill pipe is rotated inside casing; returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

### **III. PRESSURE CONTROL:**

- A. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53.
- B. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **2000** psi.
- C. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - 1. The tests shall be done by an independent service company.
  - 2. The results of the test shall be reported to the appropriate BLM office.
  - 3. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
  - 4. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi in accordance with API RP 53. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.
  - 5. A variance to test the surface casing and BOP/BOPE to the reduced pressure of **1000** psi with the rig pumps is approved.