

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

LEASE DESIGNATION AND SERIAL NO.  
**15-068430**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME <b>1796</b>	
2. NAME OF OPERATOR <b>BASS ENTERPRISES PRODUCTION CO P. O. BOX 2760 MIDLAND, TX 79702</b>		8. FARM OR LEASE NAME, WELL NO. <b>POKER LAKE UNIT 176</b>	
3. ADDRESS AND TELEPHONE NO. <b>TAMI WILBER AUTHORIZED REPRESENTATIVE</b>		9. API WELL NO. <b>30-015-32043</b>	
PHONE <b>915.683.2277</b> EXT: FAX: <b>915.687.0329</b> EMAIL: <b>tlwilber@basspet.com</b>		10. FIELD AND POOL, OR WILDCAT <b>NASH DRAW (DELAWARE)</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>460 BWH</b> <b>660FSL AND 660FWL SWSW SEC 5 T24S R30E</b> At proposed prod. zone <b>460</b> <b>660FSL AND 660FWL SWSW SEC 5 T24S R30E</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SECTION 5 T24S R30E MERIDIAN NMP</b>	
14. DISTANCE IN MILES AND DIRECTION FROM THE NEAREST TOWN OR POST OFFICE <b>14 MILES EAST FROM MALAGA NEW MEXICO</b>		12. COUNTY OR PARISH <b>EDDY</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>660</b>		13. STATE <b>NM</b>	
16. NO. ACRES IN LEASE <b>2479.70</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40.00</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE FT. <b>1070</b>		20. ROTARY OR CABLE TOOLS <b>ROTARY</b>	
21. ELEVATIONS ( Show whether DF, RT, GR, etc.) <b>3288 GL</b>		22. APPROX. DATE WORK WILL START* <b>05/14/2001</b>	

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Surface casing to be set +/- 100' above the Salt. Production casing cement will be brought up at least 500' above the upmost hydrocarbon bearing zone. drilling procedure, BOPE diagram, anticipated formation tops, and surface ue plans attached. This well is located outside the R-111 Potash Area but inside the Secretary's Potash order. There are no potash leases within 1 mile of this location.

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED**



**Carlsbad Controlled Water Basin**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. **ELECTRONIC SUBMISSION #3357 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
FOR BASS ENTERPRISES PRODUCTION CO SENT TO THE CARLSBAD FIELD OFFICE**

SIGNED **TAMI WILBER** TITLE **AUTHORIZED REPRESENTATIVE** DATE **04/03/2001**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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:

APPROVED BY

*Janice L. Gentry*

TITLE

**STATE DIRECTOR**

DATE **OCT 03 2001**

**APPROVAL FOR 1 YEAR**

## OCD-ARTESIA

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**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.  
NM-068430

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
POKER LAKE UNIT8. Well Name and No.  
POKER LAKE UNIT 176

9. API Well No.

10. Field and Pool, or Exploratory  
NASH DRAW (DELAWARE)11. County or Parish, and State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
BASS ENTERPRISES PRODUCTION COContact: TAMI WILBER  
E-Mail: twilber@basspet.com3a. Address  
P. O. BOX 2760  
MIDLAND, TX 797023b. Phone No. (include area code)  
Ph: 915.683.2277  
Fx: 915.687.0329

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

Sec 5 T24S R30E Mer SWSW

**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 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"/> APDCH
	<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 shall 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 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.)

Per telephone conversation between Barry Hunt (BLM) and Bill Dannels on 4/24/01, Barry Hunt requested we move the location 200' to the West for topographic reasons.

PLEASE ATTACH TO DRILLING APD SUBMITTED TO BLM ON 4/3/01.

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

**Electronic Submission #4328 verified by the BLM Well Information System  
For BASS ENTERPRISES PRODUCTION CO, sent to the Carlsbad**

Name (Printed/Typed) TAMI WILBER

Title AUTHORIZED REPRESENTATIVE

Signature

Date 05/21/2001

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

Approved By [Signature] acting **STATE DIRECTOR** Date **OCT 03 2001**

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

**NM STATE 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.

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

## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

## DISTRICT II

811 South First, Artesia, NM 88210

## DISTRICT III

1000 Rio Branson Rd., Artec, NM 87410

## DISTRICT IV

2040 South Panhandle, Santa Fe, NM 87506

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Per Lease - 3 Copies

## OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	47545	Nash Draw (Delaware)
Property Code	Property Name	Well Number
001796	POKER LAKE UNIT	176
OGRIID No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3280'

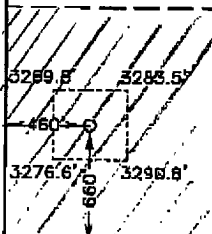
## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	24 S	30 E		660	SOUTH	460	WEST	EDDY

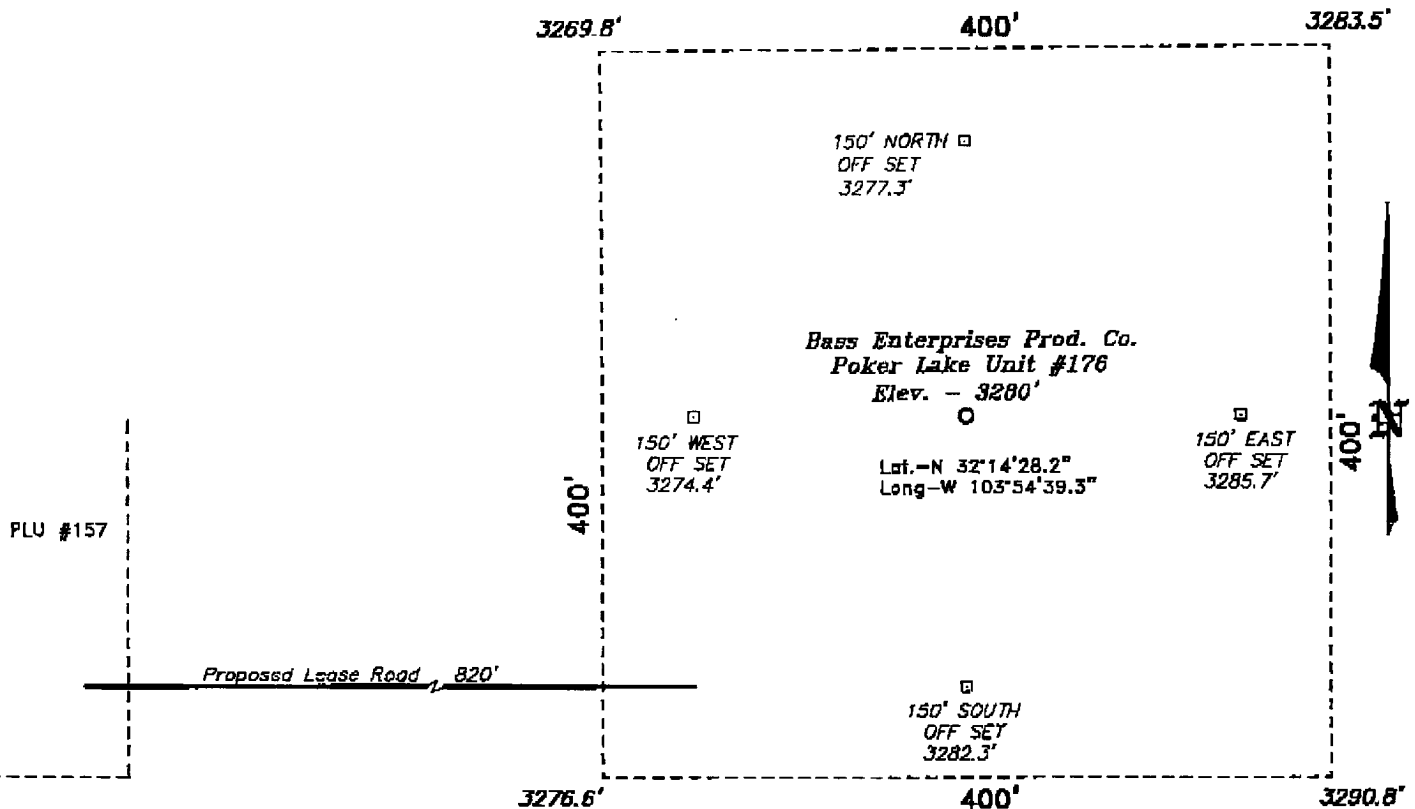
## Bottom Hole Location If Different From Surface

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

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

LOT 4	LOT 3	LOT 2	LOT 1	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>William R. Dannels</i> Signature William R. Dannels Printed Name Division Drilling Supt. Title 5-17-01 Date
 <p>LAT - N32°14'28.2" LONG - W103°54'39.3" (NAD88)</p>				<b>SURVEYOR CERTIFICATION</b>  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.  May 5, 2001 Date Surveyed Signature of L. JONES Professional Surveyor W.O. No. 777 Certificate No. 7977 PROFESSIONAL LAND SURVEYOR

**SECTION 5, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.**



**DIRECTIONS TO LOCATION:**

FROM THE JUNCTION OF STATE HWY 128 & CO. RD. 793, GO SOUTH AND WEST ON CO. RD. 793 APPROX. 4.0 MILES TO A LEASE ROAD; THENCE SOUTH ON LEASE ROAD APPROX. 1 MILES TO A POINT ON THE PLU #156 WELL PAD; THENCE EAST 1158 FEET TO THE PLU #157 WELL PAD AND THE PROPOSED ROAD TO THE PLU #176.

100 0 100 200 FEET

SCALE: 1" = 100'

**BASS ENTERPRISES PRODUCTION CO.**

REF: Poker Lake Unit No. 176 / Well Pad Topo

THE POKER LAKE UNIT No. 176 LOCATED 660' FROM  
THE SOUTH LINE AND 460' FROM THE WEST LINE OF  
SECTION 5, TOWNSHIP 24 SOUTH, RANGE 30 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

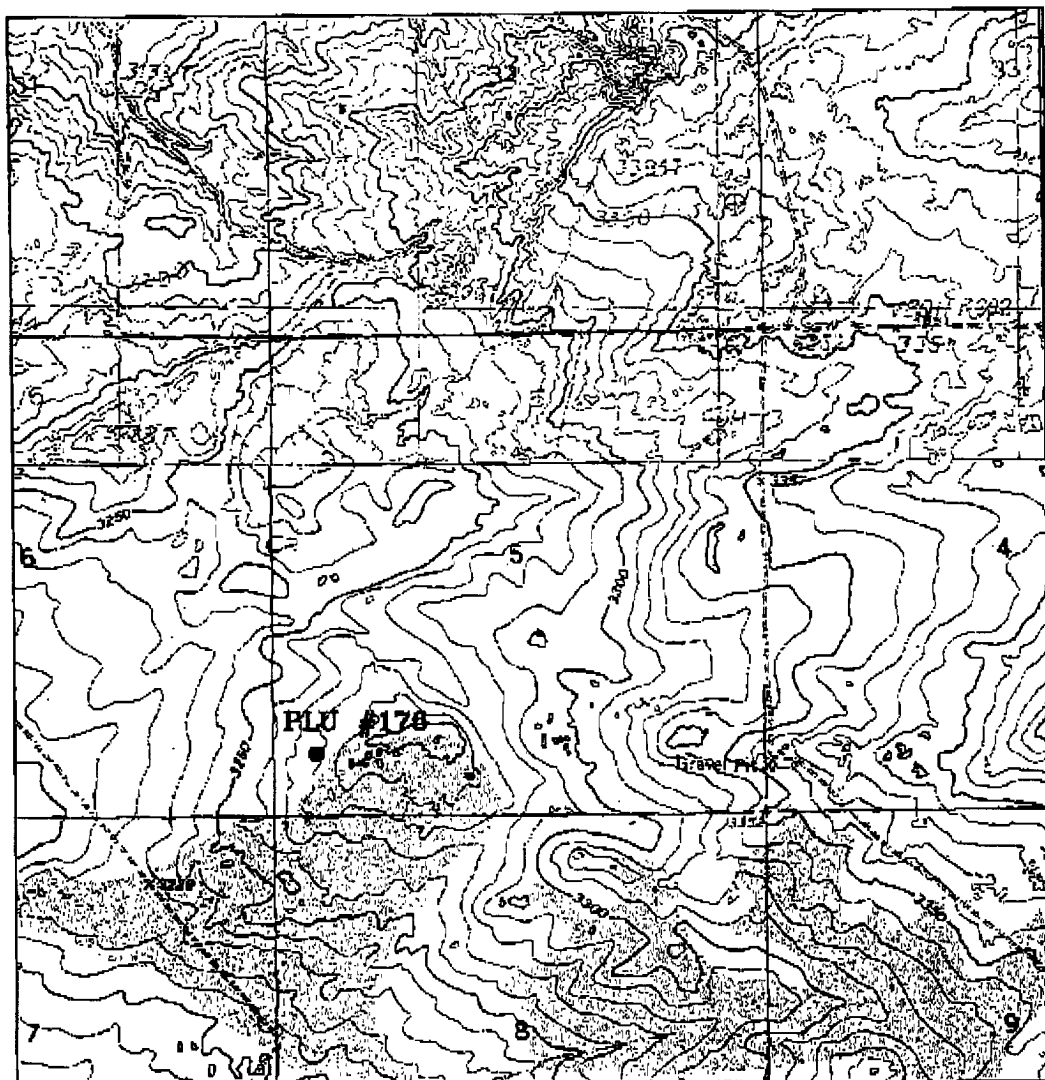
**BASIN SURVEYS** P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 1425

Drawn By: **K. GOAD**

Date: 05-10-2001 Disk: KJG CD#3 - 1425A.DWG

Survey Date: 05-08-2001 Sheet 1 of 1 Sheets

**POKER LAKE UNIT #176**

Located at 660' FSL and 460' FWL

Section 5, Township 24 South, Range 30 East,  
N.M.P.M., Eddy County, New Mexico.**basin  
surveys**focused on excellence  
in the oilfieldP.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(505) 393-7318 - Office  
(505) 392-3074 - Fax  
basinsurveys.com

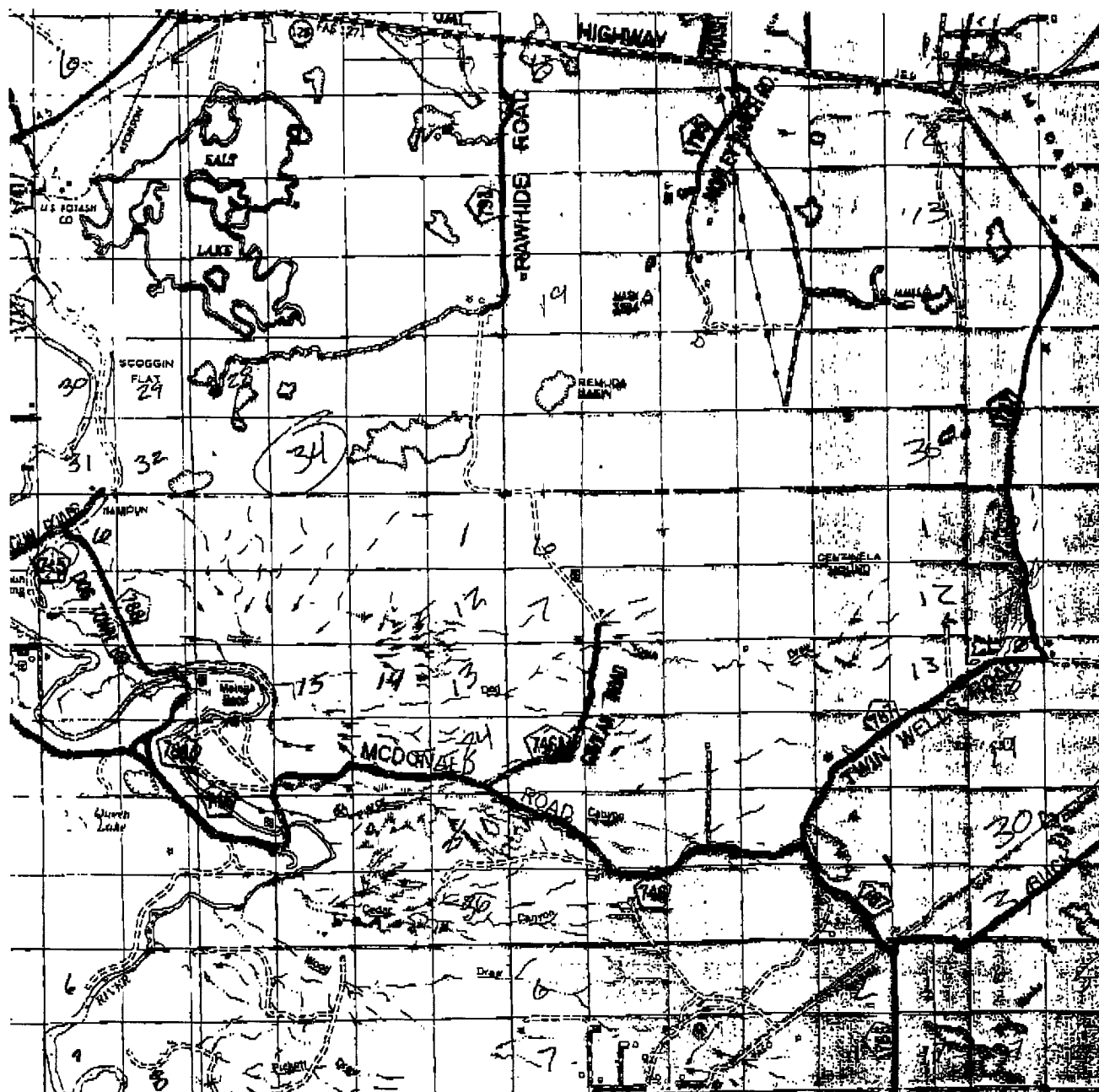
W.O. Number: 1425AA - KJG CD#3

Survey Date: 05-08-2001

Scale: 1" = 2000'

Date: 05-10-2001

**BASS ENTERPRISES  
PRODUCTION CO.**



### POKER LAKE UNIT #176

Located at 660' FSL and 460' FWL

Section 5, Township 24 South, Range 30 East,  
N.M.P.M., Eddy County, New Mexico.

**basin**  
**surveys**

focused on excellence  
in the oilfield

P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(505) 393-7316 - Office  
(505) 392-3074 - Fax  
basinsurveys.com

W.O. Number: 1425AA - KJC CD#3

Survey Date: 05-08-2001

Scale: 1" = 2 MILES

Date: 05-10-2001

**BASS ENTERPRISES  
PRODUCTION CO.**

**EIGHT POINT DRILLING PROGRAM  
BASS ENTERPRISES PRODUCTION CO.**

**NAME OF WELL:** Poker Lake Unit #176

**LEGAL DESCRIPTION - SURFACE:** 660' FSL & ~~660'~~<sup>460</sup> FWL, Section 5, 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 3301' (est)      GL 3288'

<u>FORMATION</u>	<u>ESTIMATED TOP FROM KB</u>	<u>ESTIMATED SUBSEA TOP</u>	<u>BEARING</u>
T/Salt	691'	+2610'	Barren
B/Salt	3391'	- 90'	Barren
T/Lamar	3607'	- 306'	Barren
T/Ramsey Sand	3647'	- 346'	Oil/Gas
T/Lwr Brushy Canyon U Sand	7135'	-3834'	Oil/Gas
T/Lwr Brushy Canyon Y Sand	7283'	-3982'	Oil/Gas
T/Bone Spring Lime	7412'	-4111'	Barren
TD	7670'	-4369'	

**POINT 3: CASING PROGRAM**

<u>TYPE</u>	<u>INTERVALS</u>	<u>PURPOSE</u>	<u>CONDITION</u>
16"	0' - 40'	Conductor	New
8-5/8", 24#, WC-50, ST&C	0' - 650'	Surface	New
5-1/2", 15.5#, K-55, LT&C	0' - 6500'	Production	New
5-1/2", 17#, K-55, LT&C	6500' - 7670'	Production	New

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

A BOP equivalent to Diagram 1 will be nipped up on the surface casing head. The BOP stack choke, kill lines, Kelly cocks, inside BOP, etc. will be hydro-tested to 70% of internal yield pressure of casing. In addition to the high pressure test, a low pressure (200 psi) test will be required. These tests will be performed:

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

A function test to insure that the preventers are operating correctly will be performed on each trip.

**POINT 5: MUD PROGRAM**

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0' - 650'	FW Spud Mud	8.5 - 9.2	45-35	NC	NC	NC	NC
650' - 5800'	Brine Water	9.8 -10.0	29-30	NC	NC	NC	10
5800' - 7412'	**	8.9 - 9.3	36-40	15	10	<100 cc	9.5 - 10
7412' - TD	**	8.9 - 9.3	38-45	15	10	<100 cc	9.5 - 10

\*\* 35% diesel/65% brine emulsion

*\*Will 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 8-5/8" casing shoe.  
GR-CNL from base of 8-5/8" casing to surface.

**C) CONVENTIONAL CORING**

None anticipated.

**D) CEMENT**

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT <sup>3</sup> /SX
<b>SURFACE:</b>						
Lead 0 - 400' (100% excess circ to surface)	110	400	Permian Basin Critical Zone + ¼ pps Flocele	10.33	12.8	1.89
Tail 400-650' (100% excess circ to surface)	105	250	Prem Plus + 2% CaCl <sub>2</sub>	6.33	14.8	1.35
<b>PRODUCTION: Single stage w/ Zone Seal Cement.</b>						
3147' - 7670' (+ 50% excess)						
Base Slurry	700	4523	Premium Plus + 1% Zone Seal	6.73	14.5	1.38
Consisting of		870	Base Slurry + 300 SCF/Nitrogen	6.32	5.5	2.64
		1500	Base Slurry + 400 SCF/Nitrogen	6.32	8.9	2.01
		2153	Base Slurry + 225 SCF/Nitrogen	6.32	12.0	1.62

**E) DIRECTIONAL DRILLING**

No directional services anticipated.

**POINT 7: ANTICIPATED RESERVOIR CONDITIONS**

Normal pressures are anticipated throughout Delaware section. A BHP of 3230 psi (max) or MWE of 8.4 ppg is expected. Lost circulation may exist in the Delaware Section from 5600-7670'. 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

14 days drilling operations

10 days completion operations

WRD/tlw  
April 3, 2001

## MULTI-POINT SURFACE USE PLAN

**NAME OF WELL:** Poker Lake Unit #176

**LEGAL DESCRIPTION - SURFACE:** 660' FSL & <sup>460'</sup> 660' FWL, Section 5, T-24-S, R-30-E, Eddy County, New Mexico.

### POINT 1: EXISTING ROADS

A) Proposed Well Site Location:

See Exhibit A and Surveyor's Plat.

B) Existing Roads:

From junction of State Highway 128 and County Road 793, go south and west on County Road 4.0 miles to lease road. Turn south on lease road 4.0 miles to Poker Lake Unit #156 well pad. Turn east 1158' to Poker Lake Unit #157 well pad. Past Poker Lake Unit #157 1020' is well pad for Poker Lake Unit #176.

C) Existing Road Maintenance or Improvement Plan:

See Exhibit "A".

### POINT 2: NEW PLANNED ACCESS ROUTE

A) Route Location:

Proposed Lease Road from Poker Lake Unit #157 will be approximately 1020' long.

B) Width

12' wide.

C) Maximum Grade

Not applicable.

D) Turnout Ditches

Spaced per BLM requirements.

E) Culverts, Cattle Guards, and Surfacing Equipment

None.

### POINT 3: LOCATION OF EXISTING WELLS

Exhibit "A" indicates existing wells within the surrounding area.

#### **POINT 4: LOCATION OF EXISTING OR PROPOSED FACILITIES**

Page 2

- A) Existing facilities within one mile owned or controlled by lessee/operator:

Bass' oil/gas production facilities located at Poker Lake Unit #153 well pad.

- B) New Facilities in the Event of Production:

Will lay new flowline to those facilities at Poker Lake Unit #153.

- C) Rehabilitation of Disturbed Areas Unnecessary for Production:

Following the construction of production facilities, those access areas required for continued production will be graded to provide drainage and minimize erosion. The areas unnecessary for use will be graded to blend in with the surrounding topography (see Point 10)

#### **POINT 5: LOCATION AND TYPE OF WATER SUPPLY**

- A) Location and Type of Water Supply

Fresh water will be hauled from Diamond and Half Water Station 35 miles east of Carlsbad, New Mexico and other commercial facilities. Brine water will be hauled from Bass' Poker Lake Unit #153 or #140 batteries or commercial facilities.

- B) Water Transportation System

Water hauling to the location will be over the existing and proposed roads.

#### **POINT 6: SOURCE OF CONSTRUCTION MATERIALS**

- A) Materials

If not found on location, caliche will be hauled from the nearest BLM approved source.

- B) Land Ownership

Federally Owned.

- C) Materials Foreign to the Site

No construction materials foreign to this area are anticipated for this drill site.

- D) Access Roads

See Exhibit "A".

## **POINT 7: METHODS FOR HANDLING WASTE MATERIAL**

Page 3

### **A) Cuttings**

Cuttings will be contained in the reserve pit.

### **B) Drilling Fluids**

Drilling fluids will be contained in the reserve pit.

### **C) Produced Fluids**

Water production will be contained in the reserve pit.

Hydrocarbon fluid or other fluids that may be produced during testing will be retained in test tanks. Prior to cleanup operations, any hydrocarbon material in the reserve pit will be removed by skimming or burning as the situation would dictate.

### **D) Sewage**

Current laws and regulations pertaining to the disposal of human waste will be complied with.

### **E) Garbage**

Portable containers will be utilized for garbage disposal during the drilling of this well.

### **F) Cleanup of Well Site**

Upon release of the drilling rig, the surface of the drilling pad will be graded to accommodate a completion rig if electric log analysis indicate potential productive zones. The reserve pit will be fenced only in the event livestock is present and bird netted. The fence will be maintained until the pit is backfilled. Reasonable cleanup will be performed prior to the final restoration of the site.

## **POINT 8: ANCILLARY FACILITIES**

None required.

## **POINT 9: WELL SITE LAYOUT**

### **A) Rig Orientation and Layout**

Exhibit "C" shows the dimensions of the well pad and reserve pits, and the location of major rig components. Only minor leveling of the well site will be required. No significant cuts or fills will be necessary.

**B) Locations of Pits and Access Road**

See Exhibits "A" and "C".

**C) Lining of the Pits**

The reserve pit will be lined with plastic.

**POINT 10: PLANS FOR RESTORATION OF THE SURFACE**

**A) Reserve Pit Cleanup**

The pits will be fenced immediately after construction only if livestock present and shall be maintained until they are backfilled. Previous to backfill operations, any hydrocarbon material on the pits' surfaces shall be removed. The fluids and solids contained in the pits shall be backfilled with soil excavated from the site and soil adjacent to the reserve pits. The restored surface of the pits shall be contoured to prevent impoundment of surface water flow. Water-bars will be constructed as needed to prevent excessive erosion. Topsoil, as available, shall be placed over the restored surface in a uniform layer. The area will be seeded according to the Bureau of Land Management stipulations during the appropriate season following restoration.

**B) Restoration Plans - Production Developed**

The reserve pits will be backfilled and restored as described above under Item A. In addition, those areas not required for production will be graded to blend with the surrounding topography. Topsoil, as available, will be placed upon those areas and seeded. The portion of the site required for production will be graded to minimize erosion and provide access during inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

**C) Restoration Plans - No Production Developed**

The reserve pits will be restored as described above. With no production developed, the entire surface disturbed by construction of the well site will be restored. The site will be contoured to blend with the surrounding topography and provide drainage of surface water. The topsoil, as available, shall be replaced in a uniform layer and seeded according to the Bureau of Land Management's stipulations.

**D) Rehabilitation's Timetable**

Upon completion of drilling operations, the initial cleanup of the site will be performed as soon as weather and site conditions allow economic execution of the work.

## POINT 11: OTHER INFORMATION

Page 5

A) Terrain

Relatively flat.

B) Soil

Caliche and sand.

C) Vegetation

Sparse, primarily grasses and mesquite with very little grass.

D) Surface Use

Primarily grazing.

E) Surface Water

There are no ponds, lakes, streams or rivers within several miles of the wellsite.

F) Water Wells

There are no water wells within 1 mile of location.

G) Residences and Buildings

None in the immediate vicinity.

H) Historical Sites

None observed.

I) Archeological Resources

An archeological survey will be obtained for this area. Before any construction begins, a full and complete archeological survey will be submitted to the Bureau of Land Management. Any location or construction conflicts will be resolved before construction begins.

J) Surface Ownership

The well site and new access road is on federally owned land.

K) Well signs will be posted at the drilling site.

L) Open Pits

All pits containing liquid or mud will be fenced only if livestock is present and bird-netted.

**POINT 12: OPERATOR'S FIELD REPRESENTATIVE**

Page 6

(Field personnel responsible for compliance with development plan for surface use).

**DRILLING**

William R. Dannels  
Box 2760  
Midland, Texas 79702  
(915) 683-2277

**PRODUCTION**

Mike Waygood  
3104 East Green Street  
Carlsbad, New Mexico 88220  
(505) 887-7329

Keith E. Bucy  
Box 2760  
Midland, Texas 79702  
(915) 683-2277

**POINT 13: CERTIFICATION**

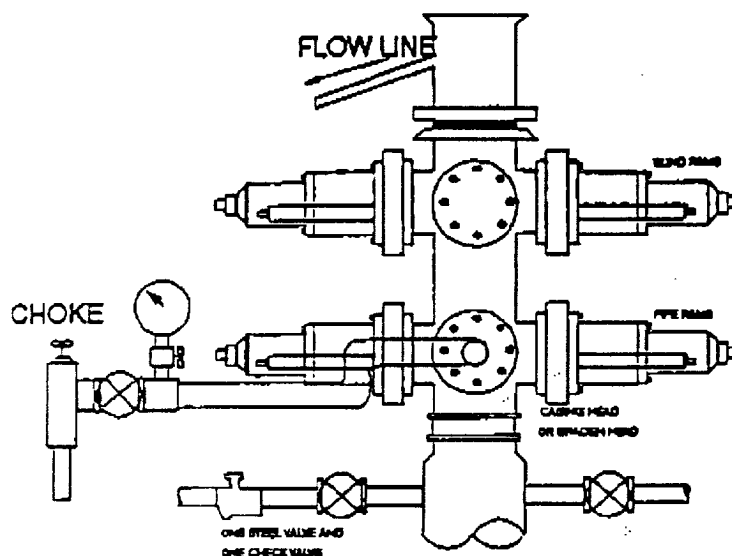
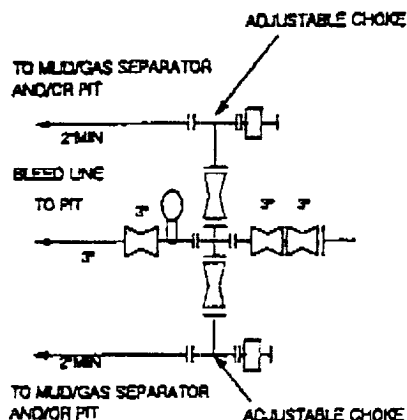
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Bass Enterprises Production Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

\_\_\_\_\_  
Date

\_\_\_\_\_  
William R. Dannels

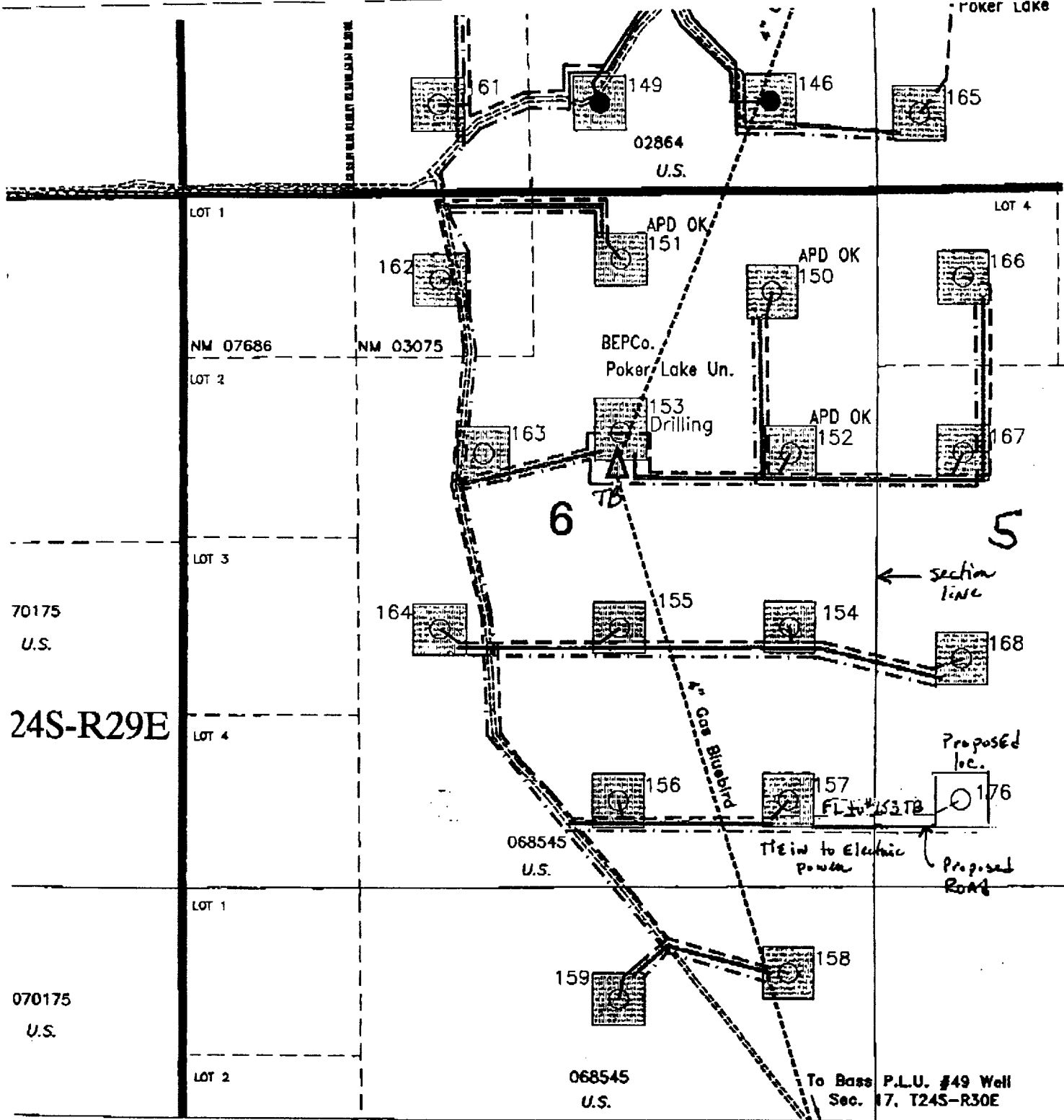
WRD/tlw

# 3000 PSI WP



## 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.



## LEGEND

- 400' x 400' Arch Cleared Area
- Existing Roads
- Proposed Roads
- Existing Flowlines (2 7/8" steel)
- Proposed Flowlines (2 7/8" steel)
- Existing Power Lines
- Proposed Tank Battery
- Existing Gas Pipeline (4" polypipe buried)
- Proposed Gas Pipeline (4" steel buried) (Uncertain Location)
- Proposed Gas Pipeline (4" polypipe buried) (Uncertain Location)

Exhibit A



## Bass Enterprises P

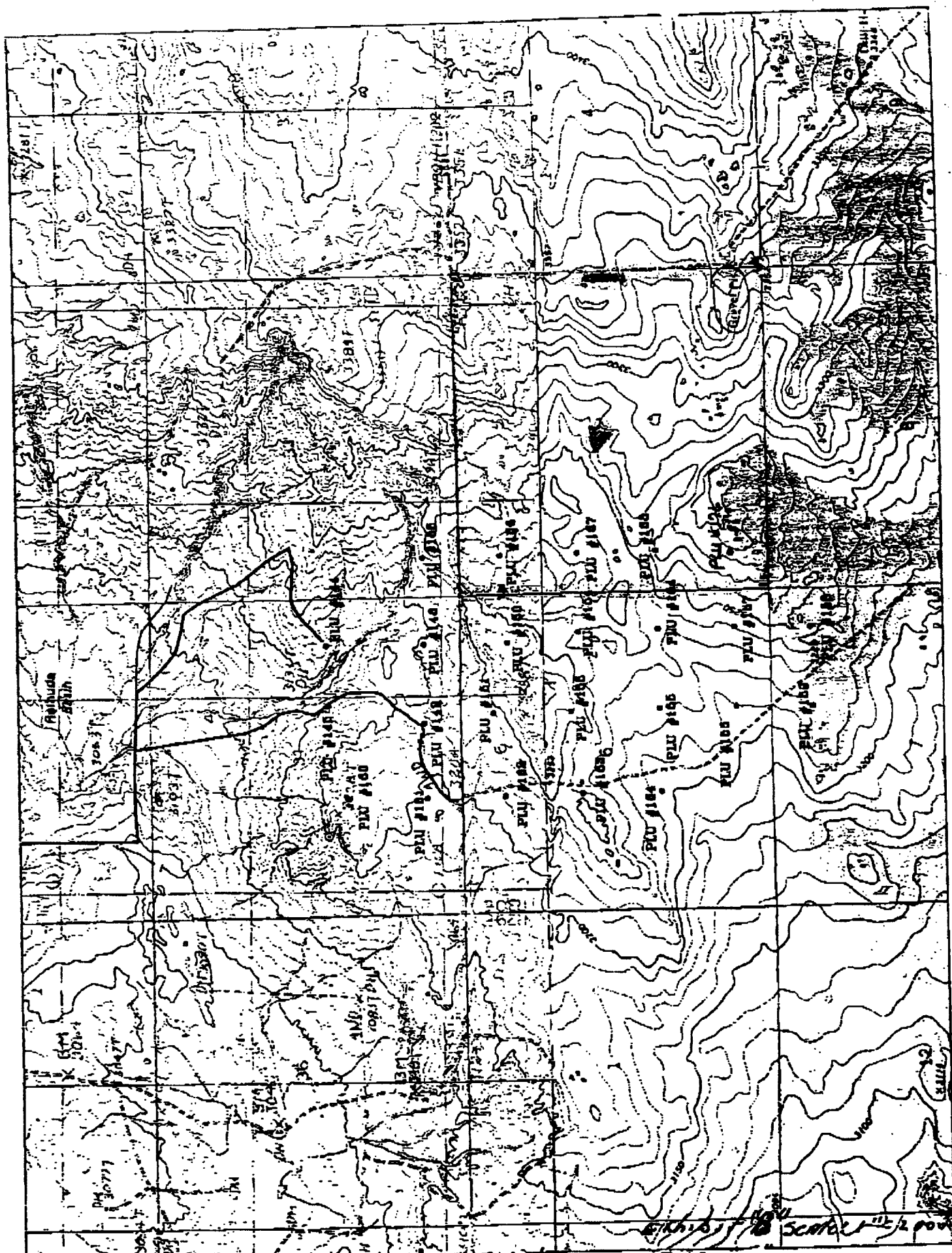
N. PLU - REMU  
Eddy County, N

Plan of Develop

1"=100'

DATE: 3-02-01 SCALE

BY: Land INTER: GE FILE: none as



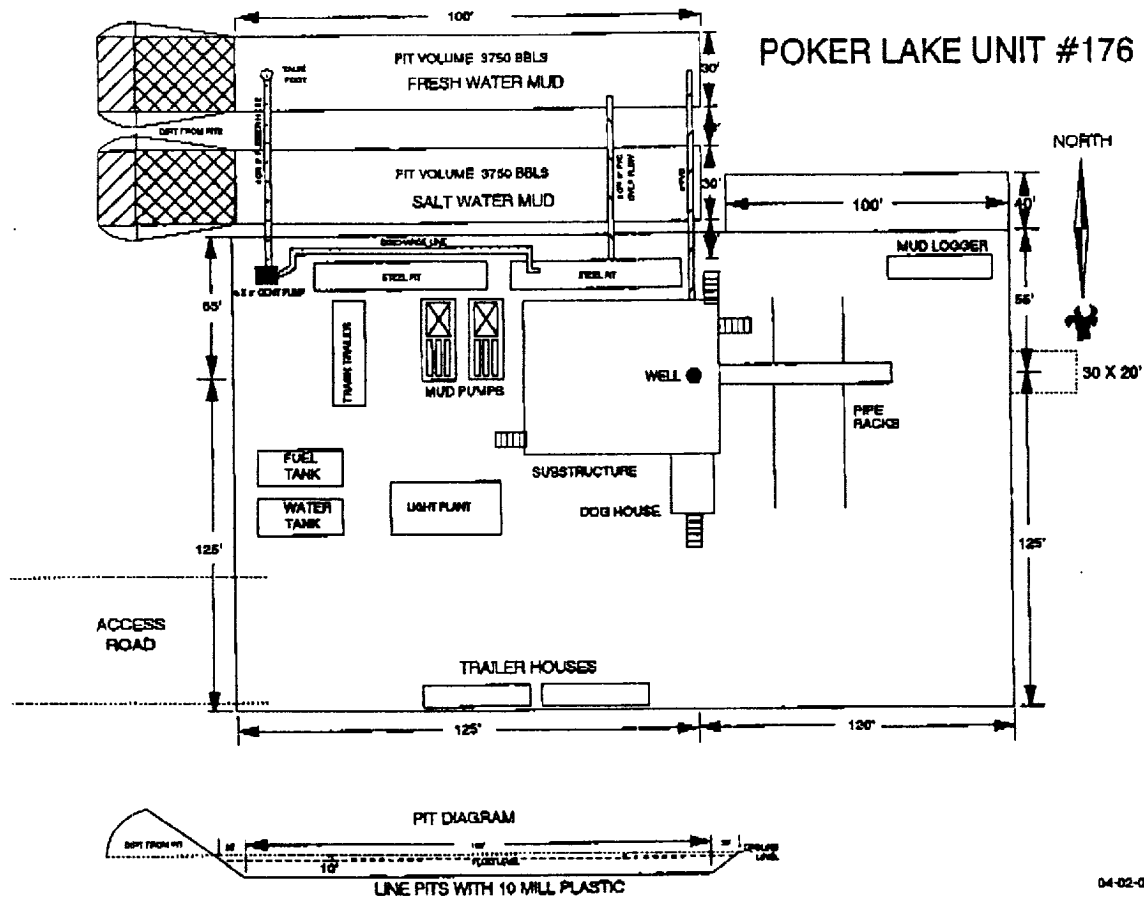


EXHIBIT "C"