NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER DD
ARTESIA, NM 88210

Form 3160-3
(December 1990)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: NM-0506-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] MAR 7 1994

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Poker Lake Unit

8. FARM OR LEASE NAME, WELL NO.: Poker Lake Unit #97

2. NAME OF OPERATOR: Bass Enterprises Production Company ✓

9. API WELL NO.: 30-015-27880

3. ADDRESS AND TELEPHONE NO.: P. O. Box 2760 Midland, Texas 79702-2760 (915) 683-2277

10. FIELD AND POOL, OR WILDCAT: ~~South Sand Dunes~~ WILDCAT 96070

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FNL & 1980' FWL, Section 22, T-24-S, R-31-E
At proposed prod. zone: Unit C

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 22, T-24-S, R-31-E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 28 miles southeast of Carlsbad, New Mexico

12. COUNTY OR PARISH: Eddy

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
660'	1845.12	320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
None	15,400'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3529.6 GR

22. APPROX. DATE WORK WILL START*: Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

	SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
*	26"	J-55 20"	94#	850'	1650 sx circ to surface
**	17-1/2"	N-80 13-3/8"	68#	4,450'	3900 sx circ to surface
***	12-1/4"	P-110 9-5/8"	53.50#	12,000'	2060 sx Top of cement @ 5500', DV tool @ 8300' (TIEBACK)
****	8-1/2"	P-110 7"	32#	14,800'	475 sx Top Liner @ 11,650' (Drilling Liner)
*****	6"	N-80 5"	18#	15,400'	120 sx Top Liner @ 14,450' (Production Liner)

* Surface casing to be set ±100' above the salt in the Rustler Anhydrite.

** Intermediate casing to be set in the top of the Lamar Lime.

*** 2nd intermediate casing to be set in Wolfcamp ±12,000'.

**** 7" liner above the Middle Morrow. Tie back into 9-5/8" casing.

***** 5" liner set at TD. Tieback into 7" liner.

Drilling procedure, BOPE diagram, anticipated tops and surface use plans attached.

Part FD-1
3-11-94
New Loc & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new 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.

SIGNED William R. Dannels TITLE Division Drlg. Supt. DATE 2/3/94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

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:

(acting)
APPROVED BY Timothy P. O'Brien TITLE AREA MANAGER DATE MAR 3 1994

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
BASS ENTERPRISES PRODUCTION CO.	POKER LAKE UNIT	97

Unit Letter	Section	Township	Range	County
C	22	24 SOUTH	31 EAST NMPM	EDDY

Actual Footage Location of Well:
660 feet from the NORTH line and 1980 feet from the WEST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3529.6'	Morrow	~~South Sand Dunes~~ UND	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

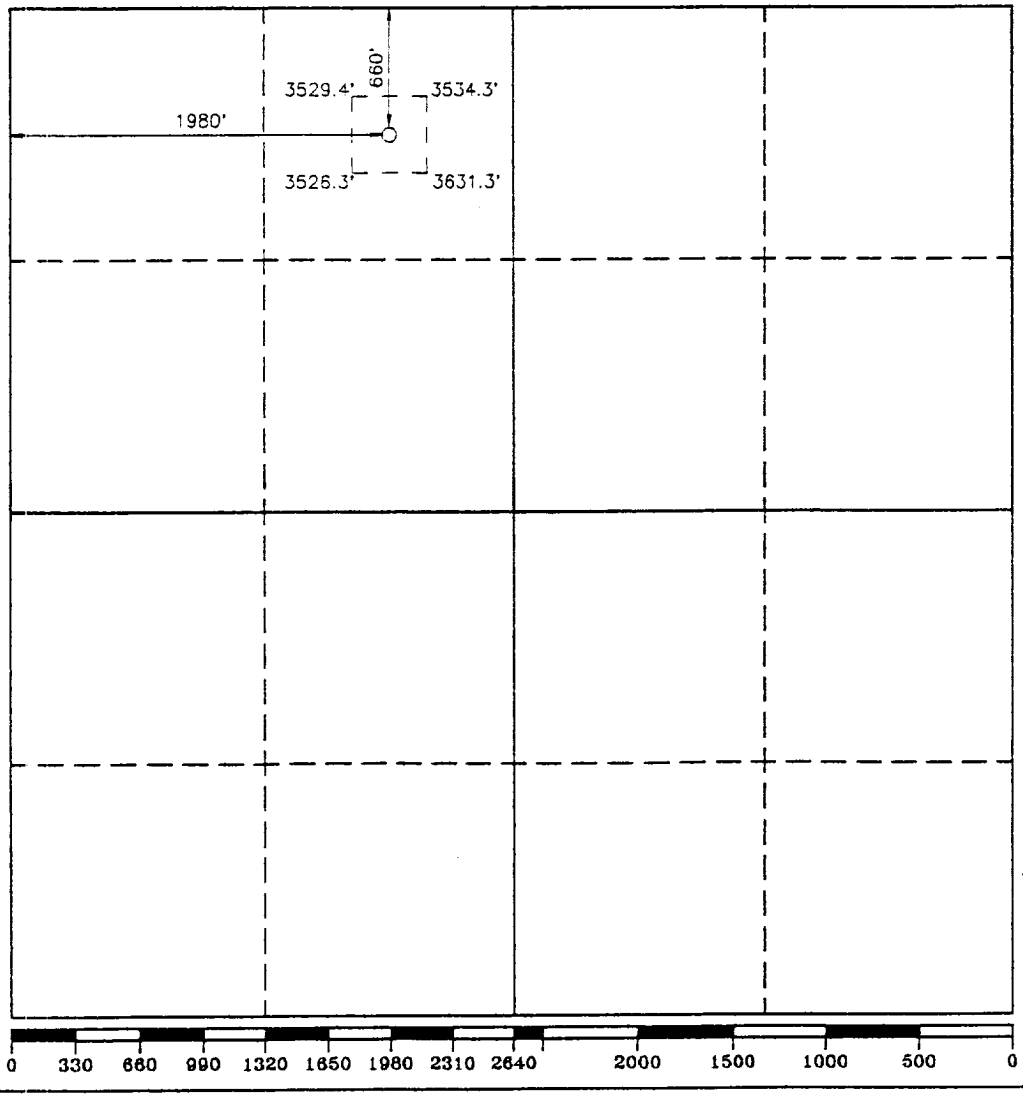
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary. _____

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature: William R. Dannels

Printed Name: William R. Dannels

Position: Division Drlg. Supt.

Company: Bass Enterprises Prod. Co.

Date: 2/3/94

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 supervison, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: DECEMBER 22, 1993

Signature & Seal of Professional Surveyor: NEW MEXICO 7977 REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239
GARY L. JONES, 7977

93-11-2589

EIGHT POINT DRILLING PROGRAM
BASS ENTERPRISES PRODUCTION CO.

NAME OF WELL: POKER LAKE UNIT #97

LEGAL DESCRIPTION - SURFACE: 660' FNL & 1980' FWL, Section 22, T-24-S, R-31-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 3555' (est.)
GL 3529.6'

FORMATION	ESTIMATED TOP FROM KB	ESTIMATED SUBSEA TOP	BEARING
T/Salt	949'	+ 2,606'	Barren
B/Salt	4,219'	- 664'	Barren
T/Lamar	4,439'	- 884'	Barren
T/Ramsey	4,475'	- 920'	Barren
T/Bone Spring	8,330'	- 4,775'	Oil
T/Wolfcamp	11,645'	- 8,090'	Gas
T/Strawn	13,615'	- 10,060'	Gas
T/Atoka	13,715'	- 10,160'	Gas
T/Morrow	14,429'	- 10,874'	Gas
T/MeMorrow	14,872'	- 11,317'	Gas
T/LrMorrow	15,315'	- 11,760'	Gas
TD	15,400'	- 11,845'	

POINT 3: CASING PROGRAM

TYPE	INTERVALS	PURPOSE	CONDITION
30"	0'- 40'	Conductor	Contractor Discretion
20" 94" J-55 BT&C	0'- 850'	Surface	New
13-3/8" 68# N-80 ST&C & BT&C	0'- 4,450'	1st Intermediate	New
9-5/8" 53.50# P-110 LT&C	0'-12,000'	2nd Intermediate	New
7" 32# P-110 FJL	11,650'-14,800'	Liner	New
5" 18# N-80 FJL	14,450'-15,400'	Liner	New

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAMS)

A BOP equivalent to Diagram 1 will be nippled up on the surface casing head. The BOP stack, choke, kill lines, kelly cocks, inside BOP, etc. will be hydro-tested to the lowest rated working pressure of the equipment being tested. In addition to the rated working 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) Two weeks 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' - 850'	FW Spud Mud	8.7 - 9.2		NC	NC	NC	NC
850' - 4,450'	BW	10.0 - 10.2	26-28	NC	NC	NC	9.5-10.0
4,450' - 12,000'	FW	8.4 - 8.7	26-28	NC	NC	NC	9-5-10.0
12,000' - 13,300'	BW	10.0 - 10.6	26-28	NC	NC	10 cc	9.5-10.0
13,300' - 14,800'	XCD Polymer	10.5 - 12.5	36-40	10-15	12-18	<5 cc	9.0-10.0
14,800' - 15,400'	XC Polymer Weighted	10.0 - 12.5	32-34	2-5	2-5	<5 cc	9.0-10.0

POINT 6: TECHNICAL STAGES OF OPERATION

A) TESTING

None Anticipated

B) LOGGING

GR-CNL-LDT and GR-DLL-MSFL from ±8400' to 4450' (possible).
GR-CNL-LDT and GR-DLL-MSFL 12,000' to 4,450' and GR-CNL 4,450' to surface.
GR-CNL-LDT and GR-DLL-MSFL from TD to 12,000'.

C) CONVENTIONAL CORING

None Anticipated

D) CEMENT

INTERVAL	AMOUNT SXS	FT OF FILL	TYPE	GALS/SX	PPG	FT^3/SX
SURFACE						
Lead	1,200 (100% excess circ to surface)	650'	Premium Plus + 4% gel + 2% $CaCl_2$ + 1/4#/sx Flocele	8.90	13.60	1.70
Tail	450 (100% excess circ to surface)	200'	Premium Plus + 2% $CaCl_2$ + 1/4#/sx Flocele	6.30	14.80	1.32
1st INTERMEDIATE						
Lead	3,400 (150% excess circ to surface)	4100'	Halliburton Premium Plus 12 lbs Salt/sx + 1/4#/sx Flocele	11.36	12.70	2.10
Tail	500 (150% excess circ to surface)	350'	Premium Plus + 1/4#/sx Flocele	6.30	14.80	1.32
2nd INTERMEDIATE						
1st Stage						
Lead	910 (100% excess tie back to DV tool 8,300')	2700'	Halliburton Light Premium + .3% CFR-3 + 1/4#/sx Flocele	9.90	12.70	1.84
Tail	550 (100% excess)	1000'	Premium Cement + .5% Halad-322	5.20	15.60	1.18
2nd Stage	1,150 (100% excess)	2800'	Premium 50/50 Silica -Pozmix + .5% Halad-322	7.80	13.00	1.53

DRILLING LINER

11,650-14,800'	475 (50% excess tie back to 2nd int csg)	3150'	Premium Cement + 4 lbs Microbond M + .8% Halad-322 + .6% Gas stop + .4% HR-5	5.75	15.40	1.27

PRODUCTION LINER

14,450-15,400'	120 (100% excess tie back to drilling liner)	1000'	Premium Cement + 4 lbs Microbond M + .8% Halad-322 + .6% Gas stop + .4% HR-5	5.75	15.40	1.27

E) DIRECTIONAL DRILLING

No directional services anticipated.

POINT 7: ANTICIPATED RESERVOIR CONDITIONS

Abnormal pressures are anticipated throughout Morrow section. A BHP of 9641 psi (max) or MWE of 12.0 ppg is expected; thus, the maximum SITP is estimated at 8200 psi. H_2S gas can be expected in the Bone Springs (8,600' to 12,000'). There is a possibility of pressure in the Strawn or Atoka zones that will require drilling fluid in excess of 12.5 lbs/gal to control. The use of rotating heads will enable these formations to be drilled under balanced.

Estimated BHT is 214° F.

POINT 8: OTHER PERTINENT INFORMATION

A) Auxiliary Equipment

Upper and lower kelly cocks. Full opening stab in valve on the rig floor. Rotating heads, gas busters, flare lines, degassers, PVT/FLO sho will be used on this well. Choke manifold and lines to pit will be anchored.

B) Anticipated Starting Date

Upon Approval

80 days drilling operations

15 days completion operations

MULTI-POINT SURFACE USE PLAN

NAME OF WELL: POKER LAKE UNIT #97

LEGAL DESCRIPTION - SURFACE: 660' FNL & 1980' FWL, Section 22, T-24-S, R-31-E, Eddy County, New Mexico.

POINT 1: EXISTING ROADS

A) Proposed Well Site Location:

See Exhibit "A".

B) Existing Roads:

From Carlsbad, New Mexico, go 8 miles south on Highway 285 to Highway 31. Turn left and go 7 miles to Highway 128, turn right on Highway 128. Go 16 miles, turn right on Buck Jackson Road. Go 3.2 miles, turn right, and go 1950' on lease road to location.

C) Existing Road Maintenance or Improvement Plan:

See Exhibit "A".

POINT 2: NEW PLANNED ACCESS ROUTE

A) Route Location:

See Exhibit "A". The new road will be 12' wide and approximately 1950' long. The road will be constructed of watered and compacted caliche.

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 "B" indicates existing wells within the surrounding area.

POINT 4: LOCATION OF EXISTING OR PROPOSED FACILITIES

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

None.

B) New Facilities in the Event of Production:

Will be installed at Poker Lake Unit #97.

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 Johnson Water Station located 27 miles east of Carlsbad, New Mexico on Highway 128. Brine water may be hauled from any of the following 1) Champion Brine Water Station, located 3.5 miles east and 2.5 miles south of Carlsbad, New Mexico, 2) Fortson Oil Company Poker Lake Unit Tank battery and 3) Bass Enterprises Continental Federal #1 Tank battery.

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

Exhibit "A" shows location of caliche source.

B) Land Ownership

Federally owned.

C) Materials Foreign to the Site

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

D) Access Roads

See Exhibit "A".

POINT 7: METHODS FOR HANDLING WASTE MATERIAL

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 fluids 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 dictates.

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 testing indicates potential productive zones. In any case, the "mouse" hole and the "rat" hole will be covered. The reserve pit will be fenced and the fence 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

A pit will be fenced immediately after spudding and shall be maintained until the pit is backfilled. Previous to backfill operations, any hydrocarbon material on the pit surface shall be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and soil adjacent to the reserve pit. The restored surface of the pit 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 pit 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 pit 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) Rehabilitations 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

A) Terrain

Relatively flat with some small sand dunes.

B) Soil

Caliche and sand.

C) Vegetation

Spare, primarily grasses and mesquite with very little grass.

D) Surface Use

Primarily grazing.

E) Surface Water

There is a windmill and small pond approximately 1 mile northeast of location; no large ponds, lakes, streams, or rivers exist within several miles of the wellsite.

F) Water Wells

A windmill is located approximately 1 mile northeast of the location. No drill water source wells will be drilled.

G) Residences and Buildings

None.

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 and bird-netted.

POINT 12: OPERATOR'S FIELD REPRESENTATIVE

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

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

PRODUCTION
Mike Waygood
1012 West Pierce, Suite F
Carlsbad, New Mexico 88220
(505) 887-7329

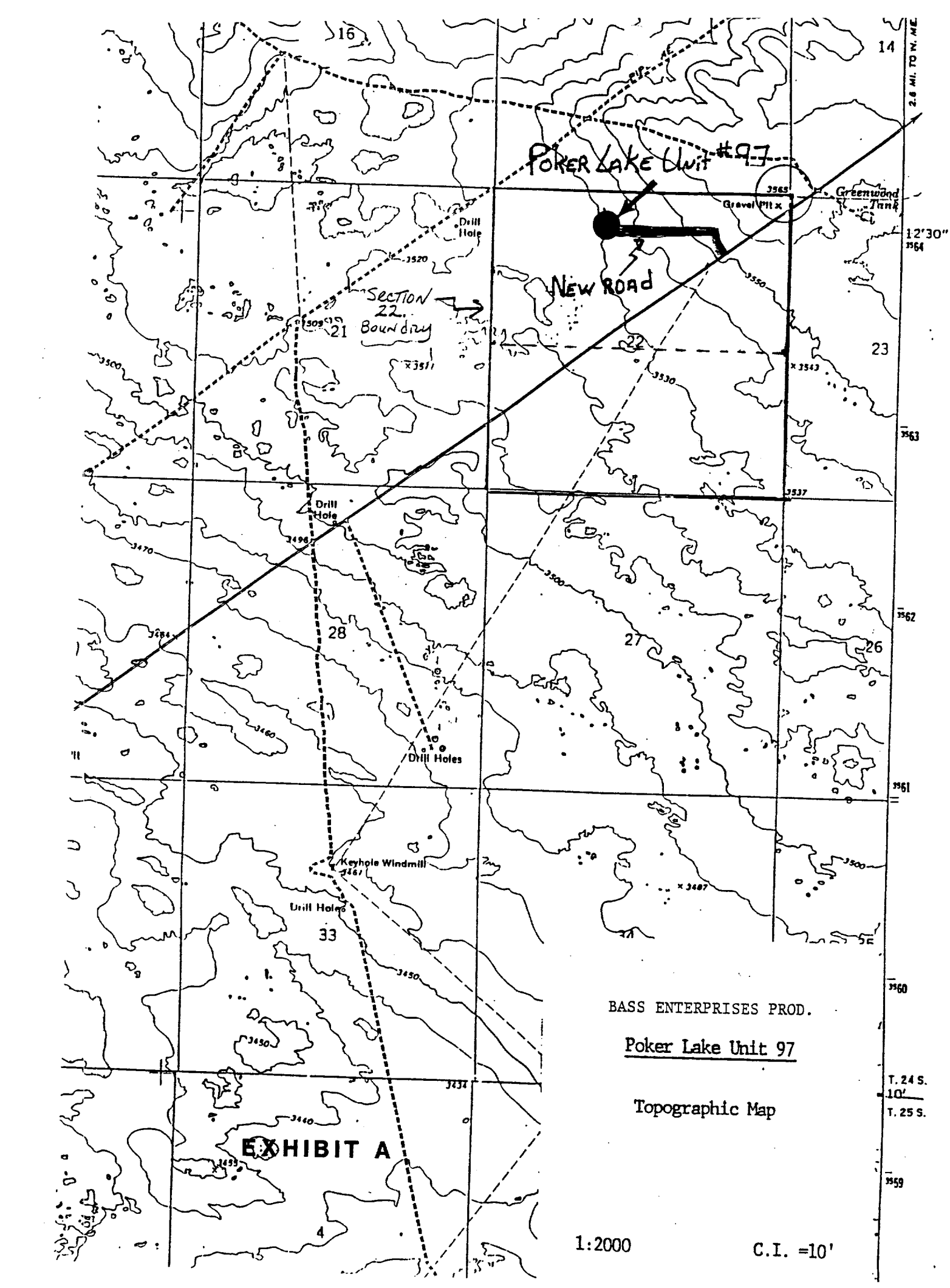
Keith E. Bucy
Box 2760
Midland, Texas 79702
(915) 683-2277

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 it's 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.

2/3/94
Date

William R. Dannels
William R. Dannels



BASS ENTERPRISES PROD.

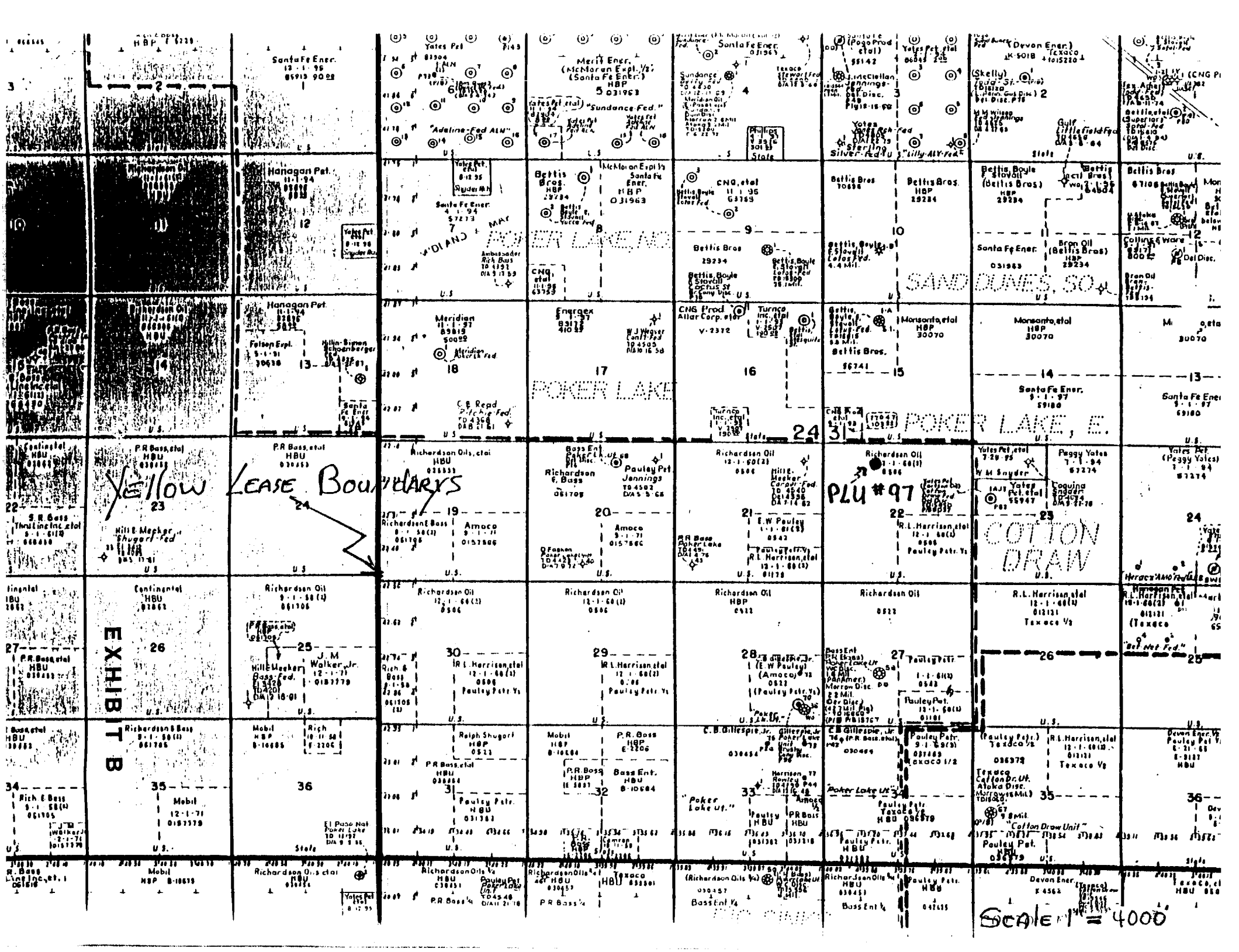
Poker Lake Unit 97

Topographic Map

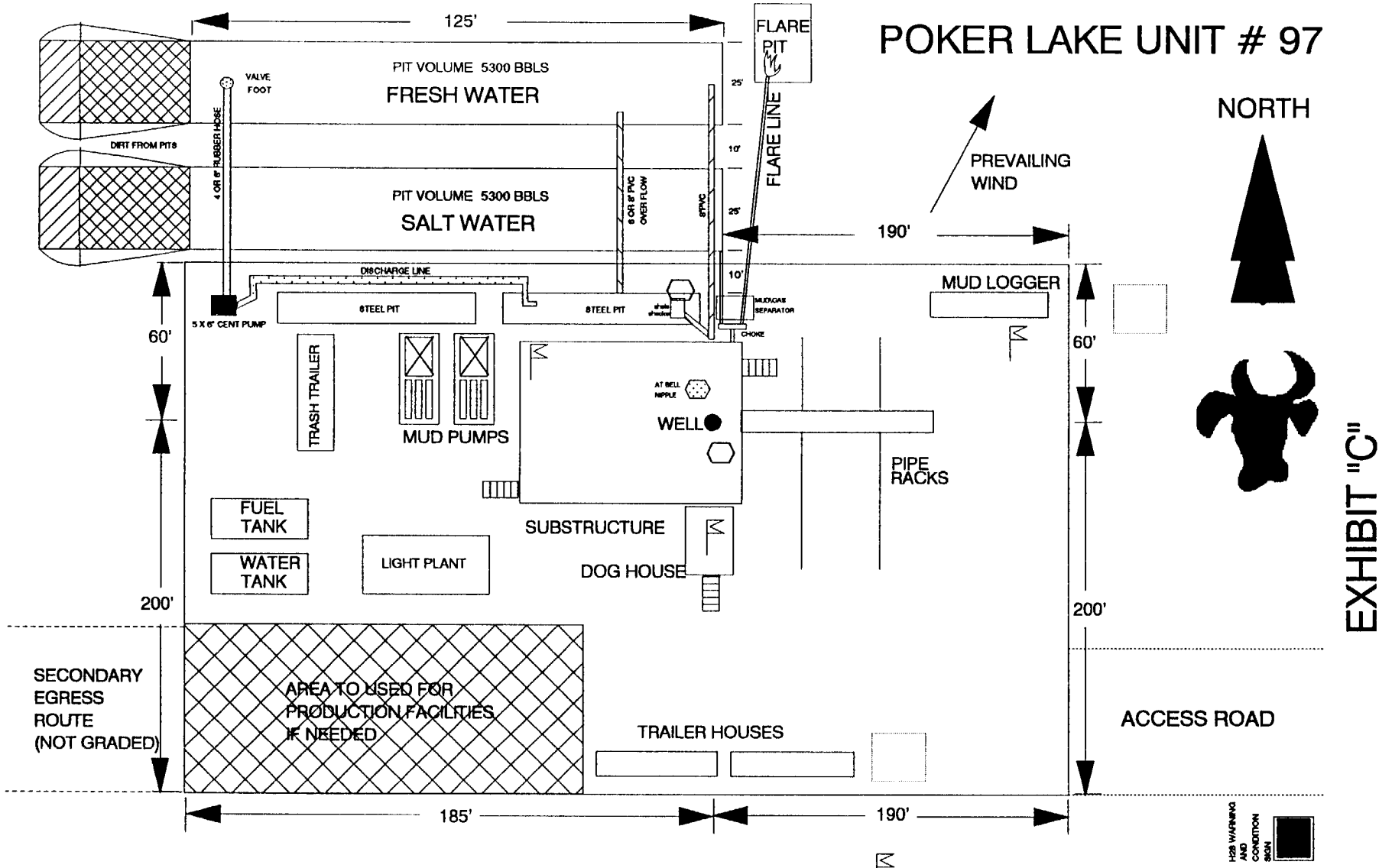
EXHIBIT A

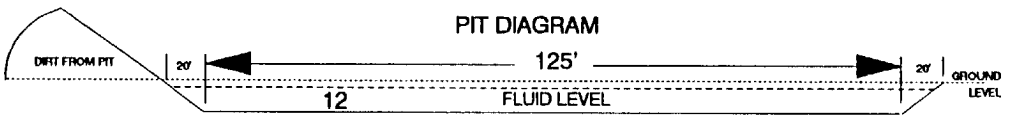
1:2000

C.I. =10'


Yellow
EXHIBIT B
LEASE BOUNDARY
POKER LAKE NO.
POKER LAKE
SAND DUNES, SO.
POKER LAKE, E.
COTTON DRAW
PLU #97
Scale 1" = 4000'

POKER LAKE UNIT # 97





LINE PITS WITH 20 MILL PLASTIC

WIND DIRECTION INDICATORS

H2S MONITORS WITH ALARMS AT THE BELL NIPPLE, RIG FLOOR, AND THE SHALE SHAKER

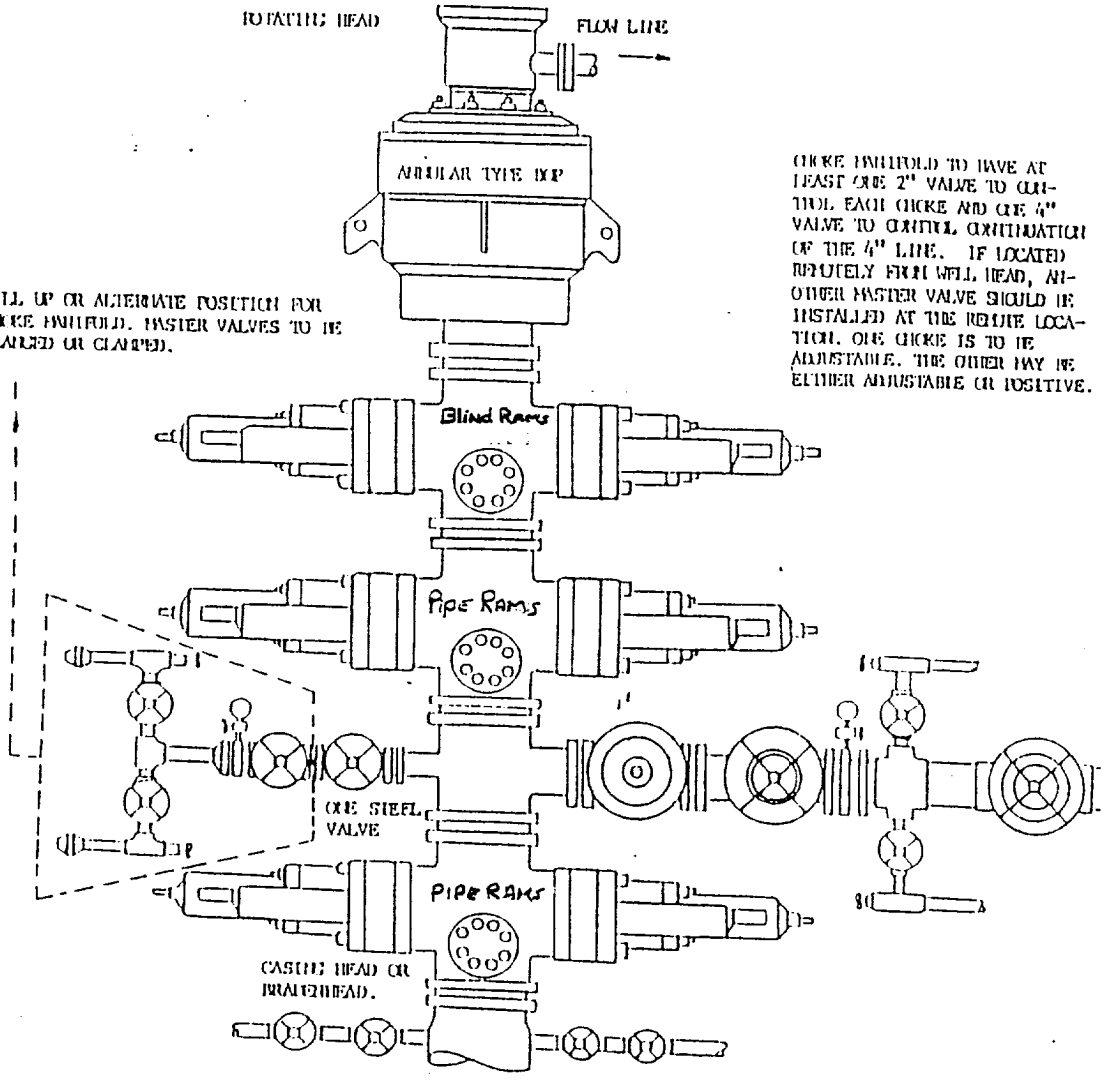
SAFE BRIEFING AREA WITH CAUTION SIGNS AND PROTECTIVE BREATHING EQUIPMENT (MIN. 150 FEET FROM WELLHEAD)

2/2/94 BGH

H2S CONTROL PLAN LOCATED IN TOP DOGHOUSE AND TOOL PUSHERS TRAILER HOUSE

10,000 PSI WP **DIAGRAM 1**

ATTACHED TO AND MADE A PART OF BID SHEET AND DRILLING ORDER #072490



4-2" ALL STEEL VALVES. HEPCO TO FURNISH VALVES NEXT TO HEAD. CONTRACTOR TO FURNISH TWO VALVES.

THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

A. Opening between the ram to be flanged, studded, or clamped.

B. All connections from operating manifolds to preventers to be all steel hose or tube a minimum of one inch diameter.

C. 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.

D. All connections to and from preventer to have a pressure rating equivalent to that of the BOPs.

E. Manual controls to be installed before drilling cement plug.

F. Kelly cock to be installed on kelly.

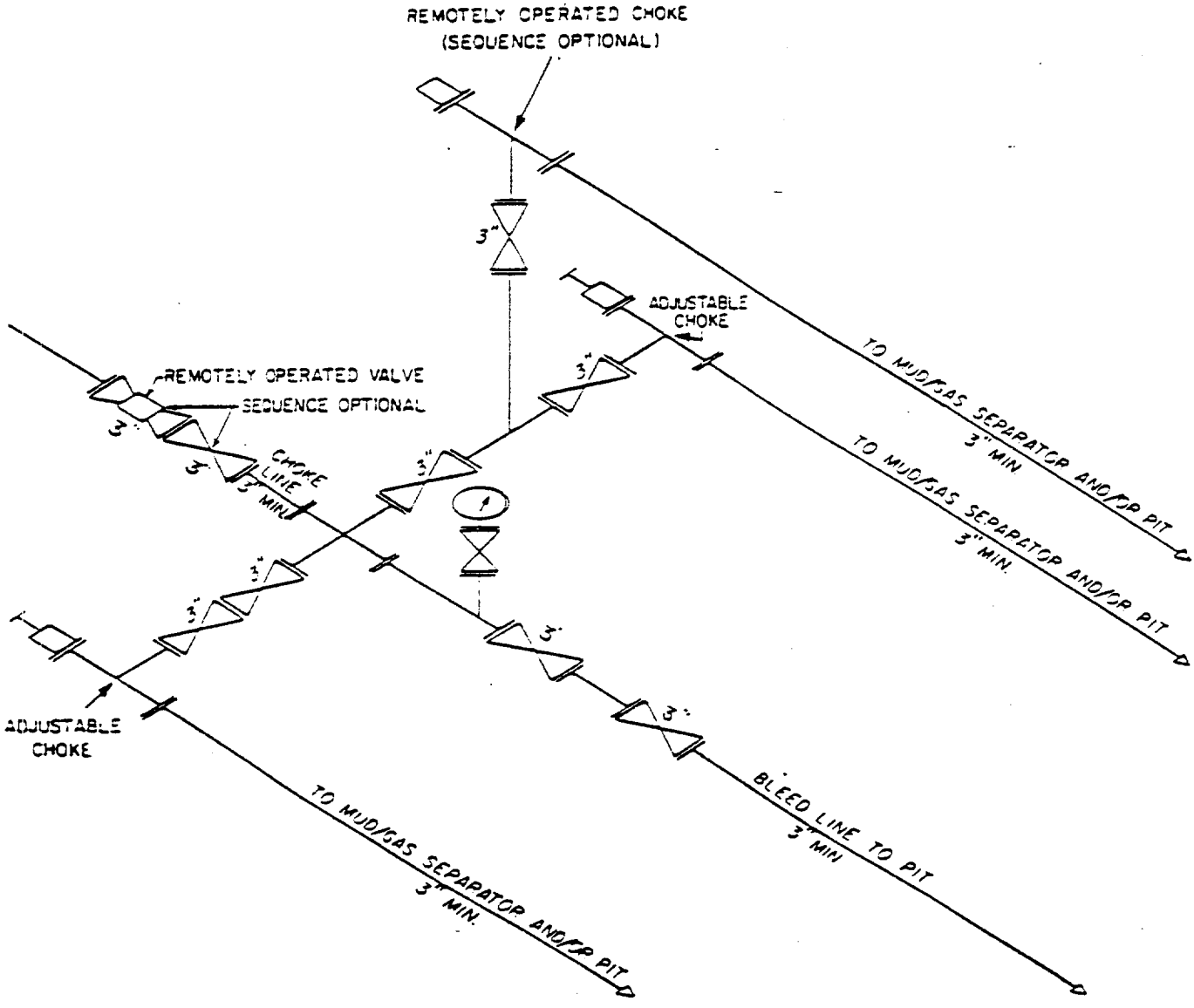
G. Inside blowout preventer to be available on rig floor.

H. Dual operating controls: one located by drillers position and the other located a safe distance from the r floor.

FOUR CLOSURE HYDRAULIC BLOWOUT PREVENTERS

DIAGRAM 2

Bass minimum requirements only.



10M AND 15M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY

H_2S DRILLING OPERATIONS PLAN

A. H_2S Training

All personnel involved in this drilling operation, whether assigned, contracted or employed on a regular basis, will receive training from a qualified instructor prior to commencing drilling operations on this well.

B. Well Site Diagram

1)	Drilling Rig orientation:	See Exhibit "C"
2)	Prevailing wind direction:	SW
3)	Terrain of surrounding area:	See Point 11
4)	Location of briefing areas:	See Exhibit "C"
5)	Location of access road:	See Exhibit "A" & "C"
6)	Location of flare line and pits:	See Exhibit "C"
7)	Location of caution or danger signs at all briefing areas and location entrance:	See Exhibit "C"

C. Description of H_2S Safety Equipment/Systems to be used on this location

1) Well control equipment:

a)	BOP stack with 3 rams, annular and rotating head :	See BOP Diagram #1
b)	Flare line and means of ignition;	See Exhibit "C"
c)	Remote controlled choke:	See Exhibit "C"
d)	Flare gun/flares :	See Exhibit "C"
e)	Mud-gas separator:	See Exhibit "C"

2) Protective Equipment for Essential Personnel

a. Location, type, storage and maintenance of all working and escape breathing apparatus: Scott breathing packs located at briefing areas shown on Exhibit "C" and on the floor. Stored in water-proof container and maintained on a monthly basis by third party safety company.

b. Means of communication when using protective breathing apparatus: Hand signals will be used for communication.

3) H_2S Detection and Monitoring Equipment

a. H_2S sensors and associated audible/visual alarm(s): Otis sensors are used with a visual light @ 10 ppm and siren @ 20 ppm.

b. Portable H_2S and SO_2 monitor(s): Bendix Pumps

4) Visual Warning Systems

   a. Wind direction indicators: See Exhibit "C"
   b. Caution/danger sign(s) and flag(s): See Exhibit "C"

5) Mud Program

   a. Mud systems and additives: See Point 5
   b. Mud degassing system: Mud/Gas Separator and a degasser.

6) Metallurgy

   a. Metallurgical properties of all tubular goods and well control equipment which could be exposed to H_2S: All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H_2S service.

7) Means of Communication from Wellsite: Phones in trailer and on rig floor.

D. Plans for Well Testing

Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity which are necessary to safely and adequately conduct the test. The drill stem testing will be conducted during daylight hours and formation fluids will not be flowed to the surface. All drill stem testing operations conducted in an H_2S environment will use the closed chamber method of testing.