

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED - Y
OCT 31 1984
O. C. D.
ARTESIA OFFICE BACK

30-015-25075
Form approved,
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Gulf Oil Corporation ✓

3. ADDRESS OF OPERATOR

P.O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FSL and 1650' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles Southeast Malaga, NM

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

1240

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

13. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5150

20. ROTARY OR CABLE TOOLS

Rotary

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

2901.6 GLE

22. APPROX. DATE WORK WILL START*

11-20-84

23.

PROPOSED CASING AND CEMENTING PROGRAM

per section w/ Deane Pennington
JWC 10/18/84

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	450'	circ 1200ft ³
7 7/8"	5 1/2"	15.5#	5150'	circ 1300ft ³

Mud Program:

0' - 450'

FW Spud Mud

450' - 5150'

Polymer brine 32 vis, 30 wt

See Attached BOP Drawing for 2 - 3000psi working pressure hookup

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

[Signature] for RIA

TITLE

Area Production Manager

DATE

10-11-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AREA MANAGER
CARLSBAD RESOURCE AREA

APPROVED BY

TITLE

DATE

10-30-84

CONDITIONS OF APPROVAL, IF ANY:

Unrecorded
MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

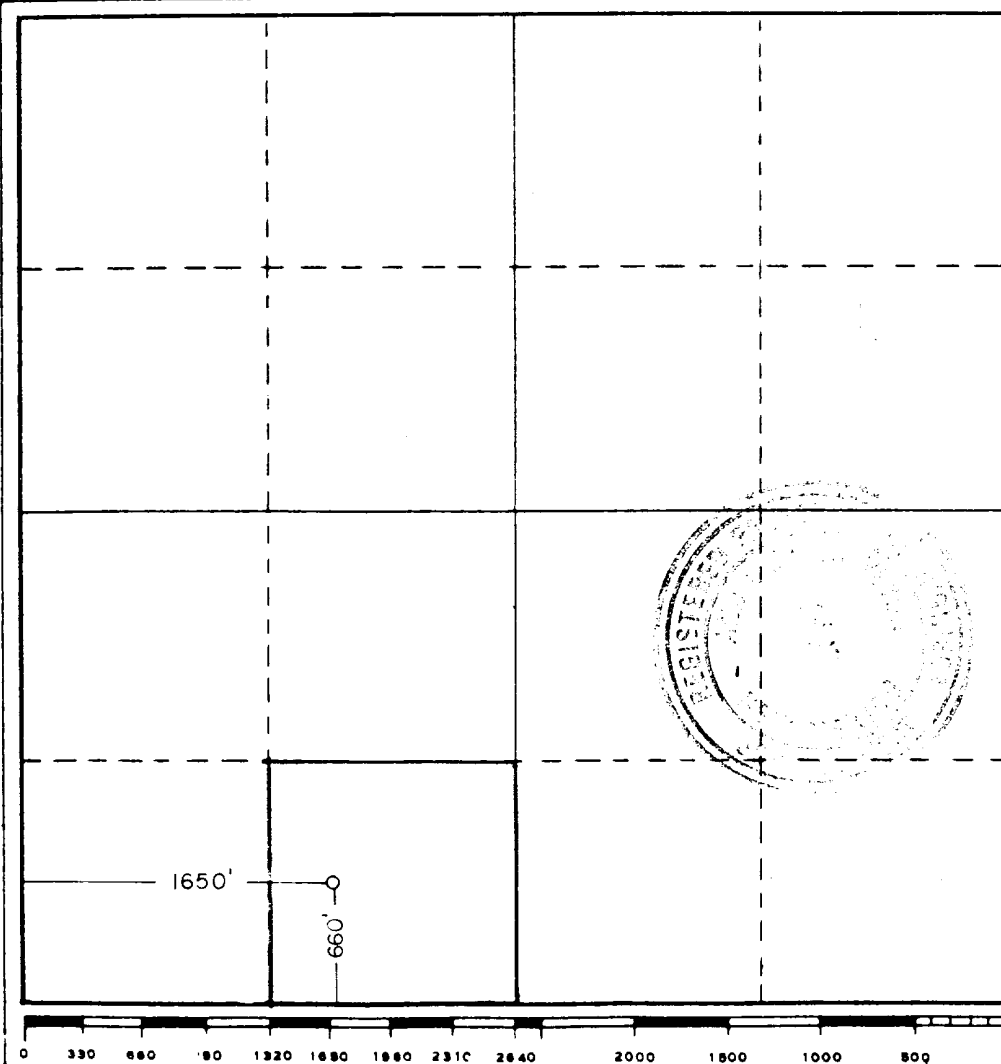
Operator GULF OIL CORPORATION			Lease BOOTH - BP - FED		Well No. 2
Unit Letter N	Section 23	Township 26 SOUTH	Range 29 EAST	County EDDY	
Actual Footage Location of Well: 1650 feet from the WEST line and 660 feet from the SOUTH line					
Ground Level Elev. 2901.6	Producing Formation <i>Delaware</i>		Pool <i>Brushy Draw</i>		Dedicated Acreage: 40 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 interests 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 the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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



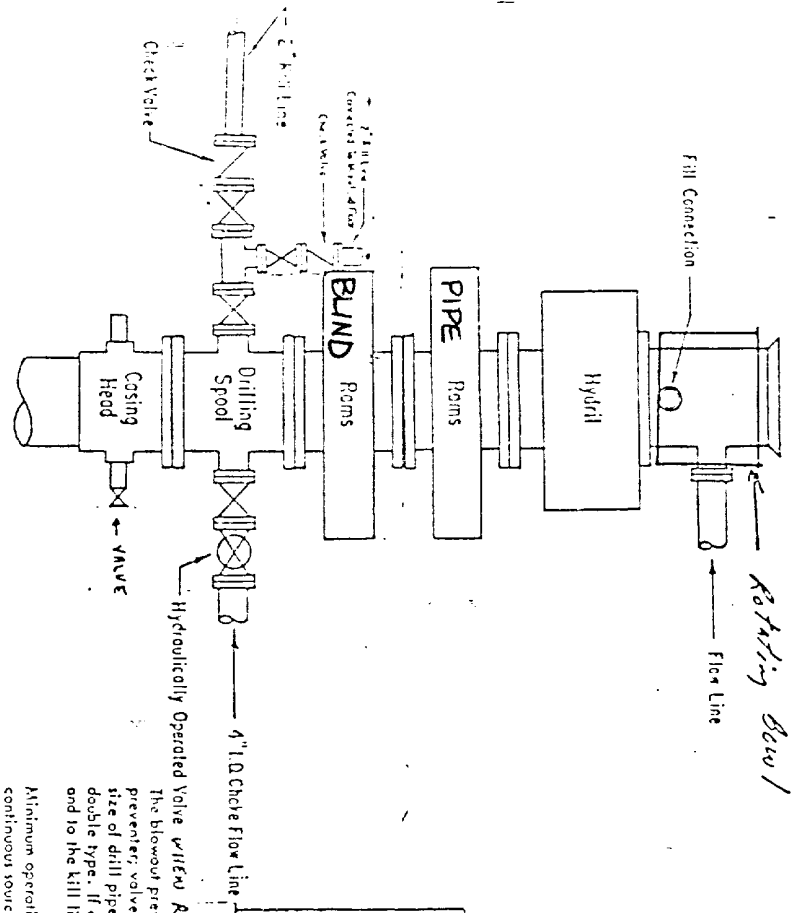
CERTIFICATION

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

R.D. Pitre
Name
R.D. PITRE
Position
AREA ENGINEER
Company
GULF OIL CORP
Date
10-24-84

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 knowledge and belief.

Date Surveyed
SEPTEMBER 28, 1984
Registered Professional Engineer and/or Land Surveyor
John W. West
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

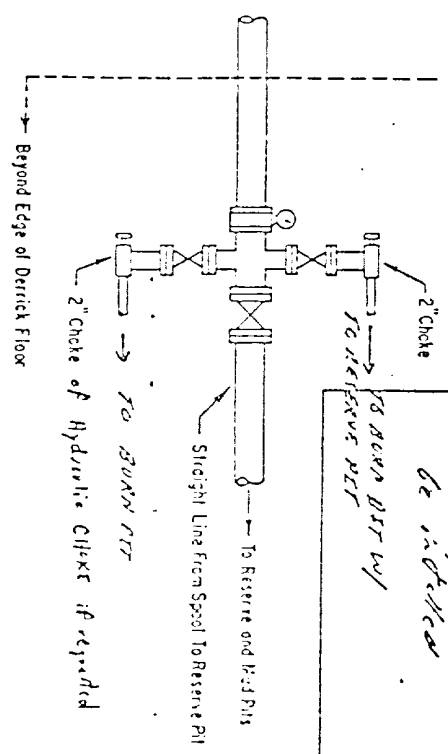


THE BLOWOUT PREVENTER ASSEMBLY SHALL CONSIST OF ONE BLIND RAM PREVENTER AND ONE PIPE RAM PREVENTER, BOTH HYDRAULICALLY OPERATED, A HYDRIL PREVENTER, VALVES, CHOKES AND CONNECTIONS, AS ILLUSTRATED. IF A TAPERED DRILL STRING IS USED, A RAM PREVENTER SHALL BE PROVIDED FOR EACH SIZE OF DRILL PIPE. CASING AND TUBING RAMS TO FIT THE PREVENTERS ARE TO BE AVAILABLE AS NEEDED. THE RAM PREVENTER MAY BE TWO SINGLE OR A DOUBLE TYPE. IF CORRECT IN SIZE, THE FLANGED OUTLETS OF THE RAM PREVENTER MAY BE USED FOR CONNECTING TO THE 4-INCH I.D. CHOKE FLOW LINE AND TO THE KILL LINE. THE SUBSTRUCTURE HEIGHT SHALL BE SUFFICIENT TO INSTALL A ROTATING BLOWOUT PREVENTER.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) accumulators with a precharge of nitrogen of not less than 750 PSI and connected to each to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulator shall be sufficient to close all the pressure-operated devices simultaneously within 1/4 second after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume of at least 50 percent of the original. When requested, either an additional source of power, remote and equivalent, is to be available to operate the above pumps, or there shall be additional pumps operated by separate power and equal in performance capabilities.

**2000-3000 PSI WORKING PRESSURE
BOP HOOK-UP FOR LARGE CASINGS
SPECIFY WORKING PRESSURE**

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be selected, with control handles to indicate open and closed position. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressure to ram preventers. Gulf Legion #25. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment. The choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be connected as straight as possible and without sharp bends. Any or a size access shall be maintained to the casing manifold. All valves are to be selected for operation in the presence of oil, gas and drilling fluids. The choke flow line valves and valves of the relief lines connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick, a baffle plate. All other valves shall be equipped with handwheels.



**ADDITIONS - DELETIONS - CHANGES
SPECIFY**

NOTE: "When Requested" means at any time the Gulf Supervisor may, or will require the equipment to be installed during operations.

Rotating Bowl to be indicated

38 BOP BPT w/ TO RESERVE PER

2\"/>

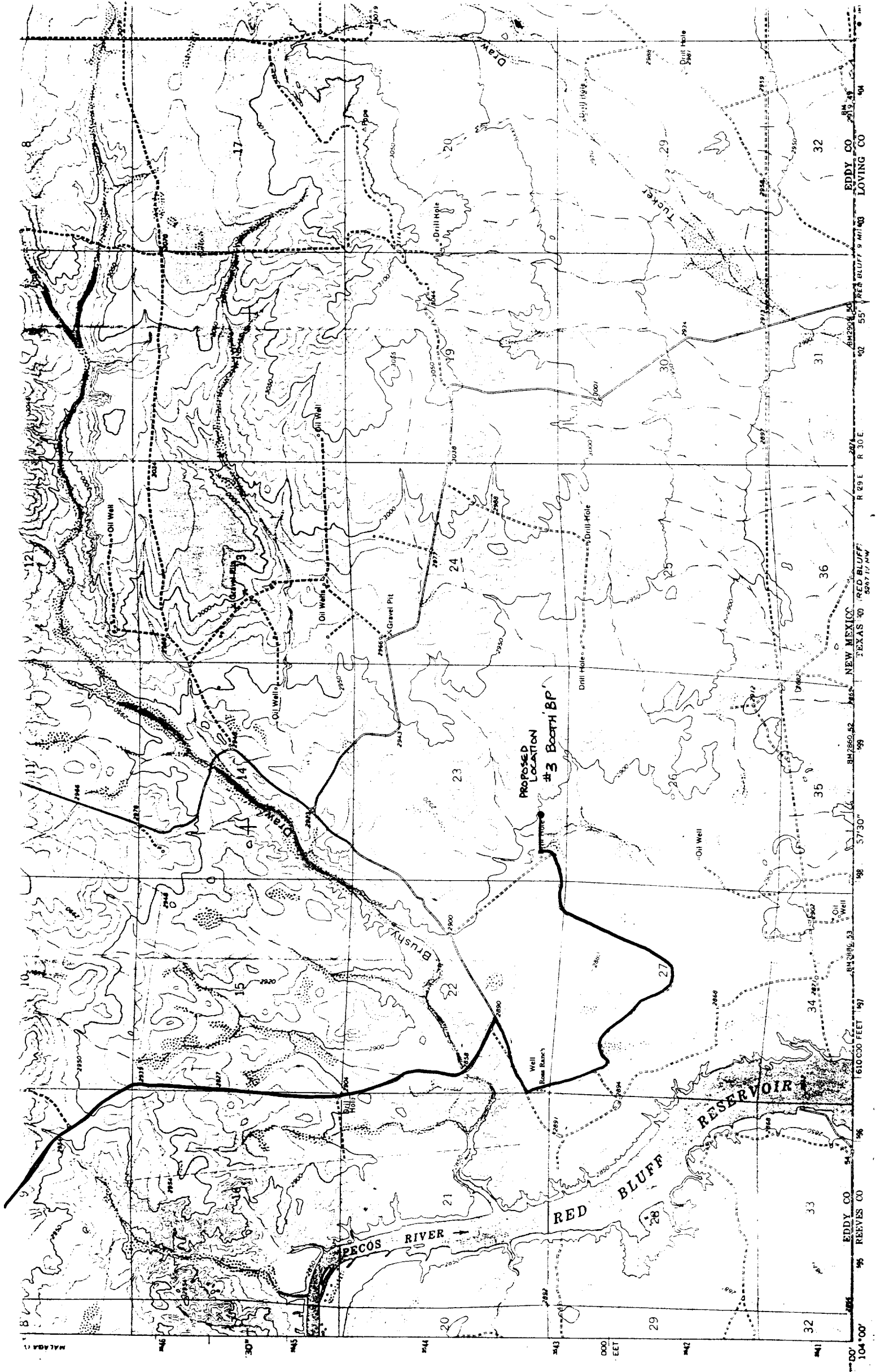


EXHIBIT B

BOOTH BP FEDERAL #3

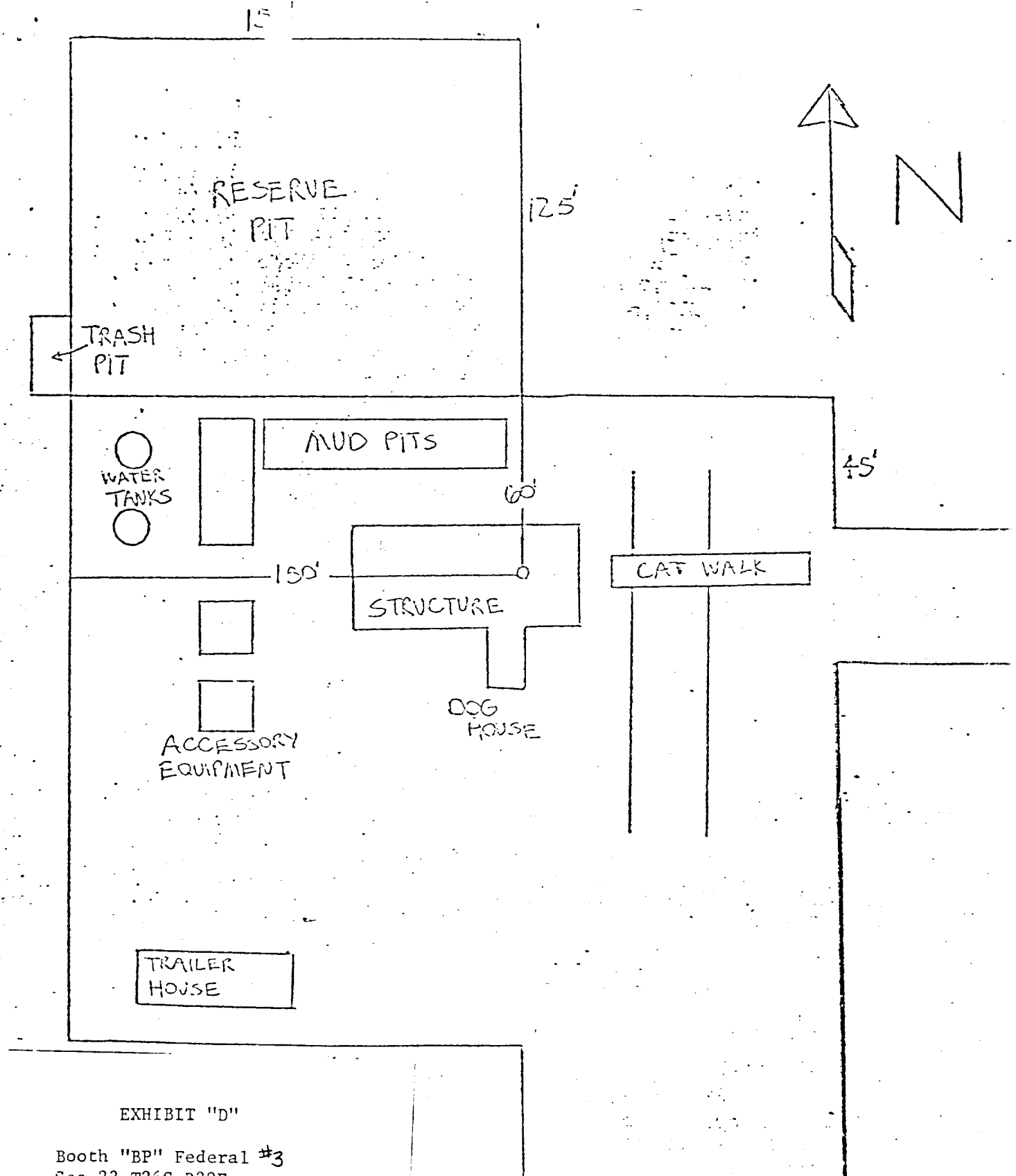


EXHIBIT "D"

Booth "BP" Federal #3
Sec 23-T26S-R29E
Eddy County, New Mexico