

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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

2. NAME OF OPERATOR
RESERVE OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR
404 FIRST SAVINGS BLDG. MIDLAND, TEXAS

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface **1980' from N line and 1980' from E line of sec. 13**
NE 1/4 Sec. 13 Twp. 20S, Range 33E, N.M.P.M. LEA Co. New Mexico.
 At proposed prod. zone **Same.**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
28 miles west of Hobbs, N. M.

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **1980'**

16. NO. OF ACRES IN LEASE **40**

17. NO. OF ACRES ASSIGNED TO THIS WELL **40**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **1120'**

19. PROPOSED DEPTH **3480**

20. ROTARY OR CABLE TOOLS **Cable tools**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **3606 GR**

22. APPROX. DATE WORK WILL START* **May 22, 1967**

5. LEASE DESIGNATION AND SERIAL NO.
Federal IC 065447-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
1. Unit 1

10. FIELD AND POOL, OR WILDCAT
Teas Pool

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
13 T20S R33E N.M.P.M.

12. COUNTY OR PARISH **LEA** 13. STATE **New Mexico**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
5"	5 1/2"	14 & 15.5	3369	995, Circ. to surface.

This well was completed Sept. 14, 1957 by Southern California Pet. Corp., and has been producing since from perforations in the upper Yates, (3292 to 3328). We propose to deepen well from original TD 3387, to approximately 3480 to test the lower Yates. If tests prove successful, propose to frac lower Yates sand below a packer, and return well to pumping.

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 *Frank Gregory* TITLE Dist. Supt. DATE May 22, 1967

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE *AGB* DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.