

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 ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Skelly Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1351, Midland, Texas 79701

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

At surface

Unit Letter F, 660' FSL. &amp; 660' FEL, Sec. 17-238-37E

At proposed prod. zone

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

Same

8 miles South of Eunice, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 660'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

660'

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

3780' PBTD

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

3335' KB

23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| N.A.         |                |                 |               |                    |

Skelly Oil Company has purchased rights to the Langlie-Mattix zone in Samedan Oil Corporation's Hughes "B-3" No. 6 and proposes to plug back from the Teague Minebry zone to 3780' and recomplate this well in the Langlie-Mattix zone.

- 1) Move in workover rig.
- 2) Set CIBP at 3800' with 20' cement plug 3780' PBTD.
- 3) Run GR-N collar log 3000-3780' PBTD.
- 4) Perforate 4-1/2" OD casing at 3450' with two shots.
- 5) Cement squeeze perfs. 3450' with 400 sacks cement (to bring top of cement into 9-5/8" OD casing set at 1114' and if possible circulate to surface). WCT 18 hrs.
- 6) Perforate Langlie-Mattix zone as indicated by GR-N log with 2 shots per foot.
- 7) Treat perfs. with 2000 gals. NE acid in 3 stages and 30,000 gals. gelled brine in 3 stages.
- 8) Return well to producing status pumping Langlie-Mattix perfs.

This well is not in a high pressure area.

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

(SIGNED) LELAND FRANZ

TITLE

Dist. Prod. Manager

DATE 7-25-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AUG 14 1975

ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

## 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.