

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 730 - Hobbs, New Mexico 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface **660' FNL & 1980' FNL Sec. 28-17S-31E**  
At proposed prod. zone **Grayburg and San Andres**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**6-1/2 Miles West of Hobbs, New Mexico**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **3300'**

16. NO. OF ACRES IN LEASE **5200**

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. **1320'**

19. PROPOSED DEPTH **3670'**

20. ROTARY OR CABLE TOOLS **Workover Rig**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **3801' DF**

22. APPROX. DATE WORK WILL START\* **Immediately**

23. **PRESENT** ~~PROPOSED~~ CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 10"          | 8-5/8"         | 22.74           | 666'          | 150                |
| 8"           | 7"             | 204             | 3529'         | 325                |

Well is presently producing from 7" OD casing perforations 3458-3488' in the Grayburg Formation and open hole section 3506-3570' in the San Andres Formation.

We propose to deepen, perforate and treat as follows:

1. Move in and rig up Workover Rig.
2. Pull rods and tubing.
3. Run drill pipe with bit and deepen well from 3570' to 3670'.
4. Run Gamma Ray Neutron Log.
5. Selectively perforate the Grayburg Formation from 3212' to 3432' with a total of 12 shots.
6. Isolate and treat new open hole section 3570' to 3670' with 1,000 gallons acid.

CONTINUED ON REVERSE SIDE.

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 \_\_\_\_\_ TITLE **District Superintendent** DATE **November 30, 1967**

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**APPROVED**  
DEC - 5 - 1967  
R. L. BELLMAN  
ACTING 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.

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7. Isolate and treat through casing perforations 3212' to 3432' with 750 gallons acid and ball sealers.
8. Isolate and treat through 7" OD casing perforations 3212' to 3432' with 15,000 gallons water and 15,000# 20/40 sand.
9. Run tubing and pull retrievable Bridge Plug.
10. Run tubing and rods and return well to a producing status.