

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

1850' FSL &amp; 790' FEL of Section 21-25N-5W

At proposed prod. zone

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

20 Miles Northeast of Counselor, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

## 16. NO. OF ACRES IN LEASE

2,560

## 19. PROPOSED DEPTH

7,200'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6703' GR

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

April 17, 1964

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 11"          | 8-5/8"         | 24#             | 300'          | 300 sacks          |
| 7-7/8"       | 4-1/2"         | 10.5# & 11.6#   | 7200'         | 1200 sacks         |

The Pump and Plug Process will be used in cementing both strings of casing and cement will be circulated to surface on the 8-5/8" OD casing. The 4-1/2" OD casing will be set at approximately 7200' and cemented with a sufficient amount of cement to cover the Dakota and Gallup Formations. The 4-1/2" OD production string will have a "DV" Tool set 150' below the Chacra Formation with a sufficient amount of cement to cover the Chacra and Fictured Cliff Formations. The 4-1/2" OD casing will be perforated and treated with approximately 50,000 gallons of water and 50,000# 20/40 sand.

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.

(ORIGINAL  
SIGNED) H. E. Ash

SIGNED

TITLE

Dist. Supt.

DATE

April 8, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

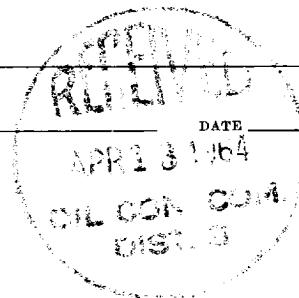
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*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.

## NEW MEXICO OIL CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

## SECTION A.

Date April 3, 1964

Operator SKELLY OIL COMPANY Lease JICARILLA "C"  
 Well No. 26 Unit Letter I Section 21 Township 25 NORTH Range 5 WEST NMPM  
 Located 1850 Feet From SOUTH Line, 790 Feet From EAST Line  
 County RIO ARRIBA G. L. Elevation 6703 Dedicated Acreage 330 Acres  
 Name of Producing Formation DAKOTA Pool BASIN DAKOTA

1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below? Yes XX No \_\_\_\_\_
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communization agreement or otherwise? Yes \_\_\_\_\_ No \_\_\_\_\_. If answer is "Yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

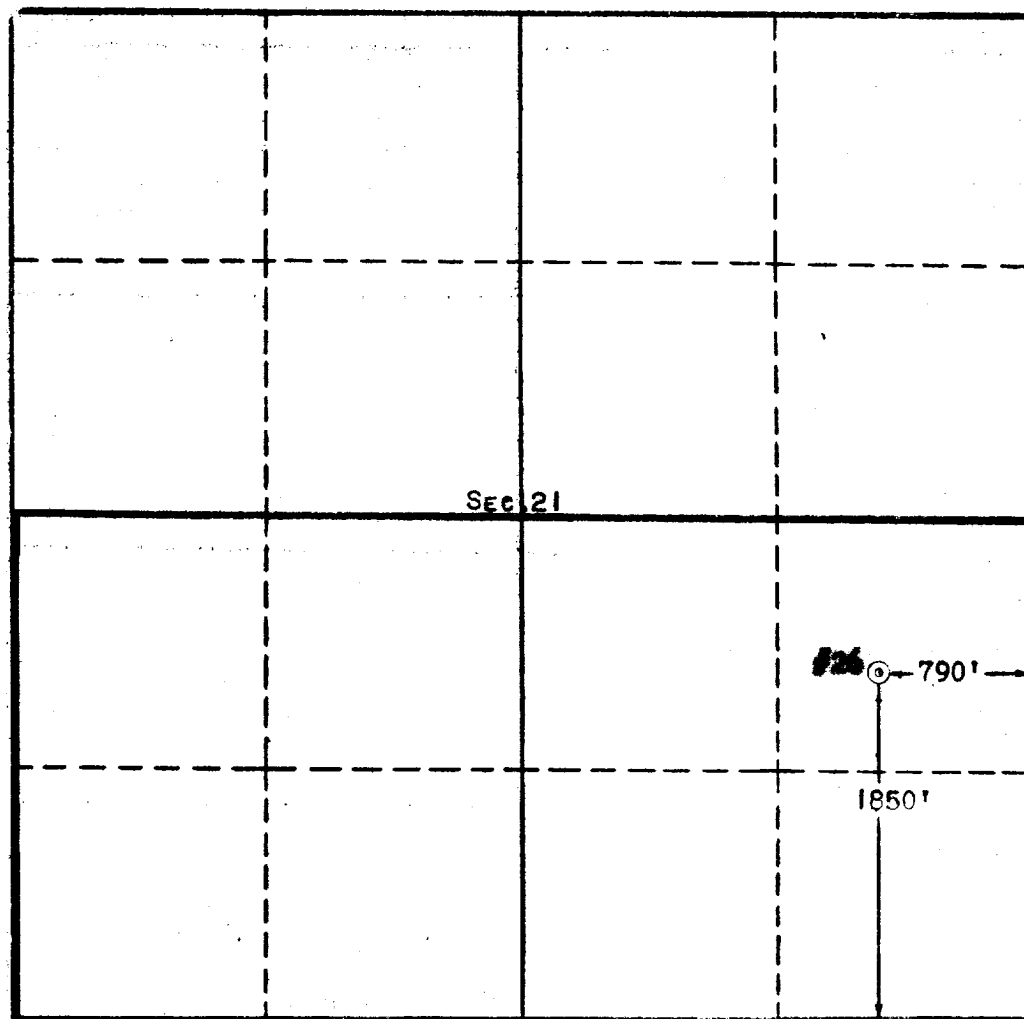
LAND DESCRIPTION

**RECEIVED**

APR 13 1964

OIL CON. COM.  
DIST. 3

## SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

**Skelly Oil Company**

(OPERATOR)

(ORIGINAL  
SIGNED) **H. E. Ash**

(REPRESENTATIVE)

**Dist. Supt.****Box 730 - Hobbs, New Mexico**

(ADDRESS)

This is to certify that the well location shown on the plat in Section B 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 APRIL 3, 1964**Four States Engineering Co.**  
FARMINGTON, NEW MEXICO

*Ernest V. D. Cabot Hawk*  
 REGISTERED ENGINEER OR  
 LAND SURVEYOR

Certificate No. 3602