

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☐DEEPEN ☐RECEIVED ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☐

Temporarily

OTHER Abandoned

SINGLE  
ZONE ☐MULTIPLE ☐

## 2. NAME OF OPERATOR

H. N. Sweeney

## 3. ADDRESS OF OPERATOR

Box 1582, Roswell, New Mexico

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

At surface

1650' from N. line and 990' from W. line of section

At proposed prod. zone

same

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

15 miles south southeast of Loco Hills

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

990'

## 16. NO. OF ACRES IN LEASE

600

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640 320

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

1350'

## 19. PROPOSED DEPTH

12,500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3397' Ground Level

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

Aug. 16, 1965

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17-1/2"      | 13-3/8         | 48#             | 583.          | 610 sacks          |
| 11"          | 8-5/8          | 24# & 32#       | 4132          | 1200 sacks         |

Casing described above is presently cemented in hole which was drilled to total depth of 11,550 feet. We propose to re-enter, drill out cement plugs and to deepen to depth of 12,500 feet to test the Morrow formation. If productive in Morrow, will run 11.6# and 13.5# N-80 4-1/2" casing and cement with volume to fill 150% of calculated volume of annulus to 800' above pay zone with minimum of 150 sacks.

Shaffer Series 900 Hydraulic Blowout Preventer - 10' - to be installed.  
Loffland Brothers Company, Drilling Contractor.

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.

Agent for G. W. Strake,  
Unit Operator

SIGNED

TITLE

DATE

Aug. 9, 1965

(This space for Federal or State office use)

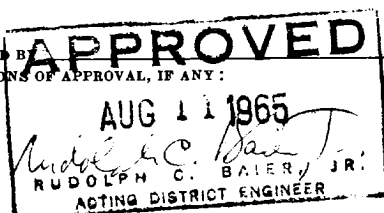
PERMIT NO.

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



\*See Instructions On Reverse Side

RECEIVED  
AUG 11 1965  
U. S. GEOLOGICAL SURVEY  
ALBUQUERQUE, NEW MEXICO

## 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.