

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYJ. H. Truran  
-R. H. Coe

1-File

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

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐ 10 50 IN PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☐

OTHER

Water Injection ☒SINGLE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

GETTY OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 249, HOBBS, NEW MEXICO 88240

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

At surface

1820' FWL and 1820' FWL  
At proposed prod. zone

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

4 miles East of Jal, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1820

16. NO. OF ACRES IN LEASE

880

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.

200'

19. PROPOSED DEPTH

7900

20. ROTARY OR CABLE TOOLS

Rotary

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

3078 Gr.

22. APPROX. DATE WORK WILL START\*

When Permit Received

23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17-1/4       | 13-3/8"        | 48              | 525           | 280 sacks          |
| 11           | 8-5/8"         | 32              | 3350          | *1017 sacks        |
| 7-7/8        | 5-1/2"         | 15.5 and 17     | 7900          | * 770              |

\* Actual cement volumes to be determined by fluid survey

It is proposed to drill 17-1/4" hole using spud mud and set 13-3/8" casing at 525' by circulating cement to surface. Then drill 11" hole to 3350' using brine water and set 8-5/8" casing with cement circulated to surface in two stages utilizing BV tool at 900'. Then drill 7-7/8" hole to 5500' using fresh water and then to TD of 7900' with fresh water mud. Set 5-1/2" casing with cement brought to approximately 3300'. Will run Acoustic-Gamma Ray and Guard Log Surveys. Will perforate McKee interval from approx 7710' to 7837', treat with acid and equip with plastic coated tubing and tension packer for water injection service.

Drilling of this injection wall was covered by HROCC Orders No. H-8965 and No. H-8966 dated September 13, 1963.

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 BY

SIGNED

HAROLD G. VERT

TITLE

Area Engineer

DATE

September 3, 1963

(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

APPROVED  
SEP 5 1963  
A. R. BROWN  
DISTRICT ENGINEER

## 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.