

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-23747

## 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  
ZONES ☒

## 2. NAME OF OPERATOR

General American Oil Company of Texas

APR 14 1981

## 3. ADDRESS OF OPERATOR

P. O. Box 128 Loco Hills, New Mexico 88255

O.C.D.

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

At surface

990' ~~660'~~ FSL and 2310' FEL

ARTESIA, OFFICE

At proposed prod. zone

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

6.4 Northwest of Loco Hills, New Mexico 88255

## 15. DISTANCE FROM PROPOSED\*

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

660'

## 16. NO. OF ACRES IN LEASE

1347

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

293.96

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

2650'

## 19. PROPOSED DEPTH

10,800'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3652.8 3658.6+ Ground Level

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

April 22, 1981

## 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"        | H-40 48#                   | 430'          | Circulate          |
| 11"          | 8-5/8"         | K-55 32#                   | 2,615'        | 700 sacks          |
| 7-7/8"       | 5-1/2"         | K-55 & N-80<br>15.5# & 17# | 10,800'       | 350 sacks          |

We propose to drill this well to 10,800' and complete in the Morrow formation.

All zones indicating porosity will be acidized or sand fraced.

## MUD PROGRAM

GAS NOT DEDICATED

| Interval        | Type Mud      | Weight    | Viscosity | W.L.       |
|-----------------|---------------|-----------|-----------|------------|
| 0' - 430'       | Fresh Water   | 8.4 - 8.6 | 30 - 32   | NC         |
| 430' - 2,615'   | Salt Water    | 8.8 - 9.0 | 28 - 30   | NC         |
| 2,615' - 7,000' | Fresh Water   | 8.4 - 8.6 | 28 - 30   | NC         |
| 7,000' - 9,600' | KCL Fluid     | 8.6 - 9.3 | 30 - 36   | 10 - 15 cc |
| 9,600' - T.D.   | KCL & Drispac | 9.1 - 9.5 | 33 - 36   | 4 - 6 cc   |

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

Rendell N. Hawkins

TITLE

Field Superintendent

DATE

February 24, 1981

(This space for Federal or State office use)

APPROVED

PERMIT NO.

(04-151) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

APR 7 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

