

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

GULF OIL CORPORATION

## 3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, New Mexico 88240

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

At surface

1650' FNL &amp; 1650' FWL

At proposed prod. zone

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

Approximately 15 miles South of Carlsbad, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

640

## 19. PROPOSED DEPTH

11,650'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3326' GL

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

09-01-78

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	2,100'	1000 sx - Circulate
8-3/4"	5-1/2"	17#	11,650'	To be determined by caliper survey

NOTE: See Attached BOP Drawing No. 4

Circulating Media: 0' - 2,100'  
2,100' - 10,000'

10,000' - 11,000'

NOTE: Gas is not  
dedicated.

11,000' - 11,650'

Fresh water and mud, 1978  
Brackish water, brine water  
as needed to increase weight;  
Polymer as required for samples  
& DST's;  
Brine water polymer with 3-4%  
KCl; Weight adjusted upwards  
from 10 ppg as well conditions  
dictate; Viscosity, minimum;  
Filtrate, 10-15 cc's;  
Brine water polymer as above;  
Filtrate, 4 cc's or less.

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

Area Production Manager

DATE

08-11-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: