

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-23722

## 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, NM 88240

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

At surface

2010' FSL &amp; 1980' FWL

At proposed prod. zone

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

Approx. 2 miles north of Loving, 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

1039.09

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 19. PROPOSED DEPTH

12,800'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3042' GL

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

4-1-81

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65.0#	400'	200 sx - circ
13-3/4"	10-3/4"	40.5#	2,700'	1300 sx - circ
9 1/2"	7-5/8"	26.4#	11,000'	625 sx - TOC 6000'
6 1/2"	5" liner	15.0#	12,800'	400 sx - Circ liner top

See Attached BOP Drawing No. 4

Mud Program:

0' - 400'

400' - 2,700'

2,700' - 11,000'

11,000' - 12,000'

12,000' - 12,800'

Fresh water spud mud

Saturated brine water

Brackish water; weight as needed to control well. Change to saturated brine water at top of Wolfcamp

Fresh water chemical mud; weight 11.5-11.9 ppg, filtrate 10 cc's or less. Weight will be adjusted upwards with barite if necessary Same fluid as above with filtrate 5 cc's or less. Add 2-3% KCL to inhibit shales. Watch for possibility of loss of returns in the lower Morrow or upper Barnett

NOTE: Gas is Not Dedicated

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

*L. C. Anderson*

TITLE

Area Production Manager

DATE

3-4-81

(This space for Federal Approval)

APPROVED

PERMIT NO.

MAR 9 1981

APPROVAL DATE

APPROVED BY

MAR 20 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side