

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

1980' FNL & 660' FEL

At proposed prod. zone

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

10. 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.

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

3619' GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
17-1/2"	13-3/8"	48#	615'	600 sx - Circ
12-1/4"	9-5/8"	36# & 40#	4,522'	1550 sx - TSITOC @ 650'
8-3/4"	5-1/2"	15.5# & 17#	12,078'	1000 sx - TSITOC @ 9100'

Pull producing equipment. Run & set 5-1/2" CIBP @ approximately 11,100' & cap with 35' of cement, abandoning North Shugart Morrow zone. Reverse out excess cement. Spot approximately 250 gallons of 10% MSA acid from 10,929' - 10,740'. Reverse out excess acid. Perforate new Strawn intervals 10,787-789', 10,824-826', 10,839-41', 10,851-853', 10,870-872', 10,911-913' & 10,927-929' with (2) 1/2" JHPF. Run producing equipment. Test tubing above slips to 8000 psi. Set packer @ approximately 10,720'. Swab well. Acidize new Strawn intervals 10,787' - 10,929' with approximately 5000 gals of 15% HCl + Morrow type additives & 5000 SCF N₂. Drop enough RCNB sealers to ball out. Flush to perms with fresh water + 2% KCl + Morrow type additives + 1000 SCF N₂ per barrel. Flow well back & clean up. Return to production.

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

N. B. Sikes, Jr.

TITLE

Area Engineer

DATE

09-01-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

SEP 7 - 1978

APPROVED BY

Joe J. Lara

TITLE

ACTING DISTRICT ENGINEER

DATE

SEP 7 - 1978

CONDITIONS OF APPROVAL, IF ANY: