

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, NM 88240

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

1680' FNL & 1980' FWL

At proposed prod. zone

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

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

U.S. GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

17. NO. OF ACRES ASSIGNED
TO THIS WELL

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

3228' GL

22. APPROX. DATE WORK WILL START*

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23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No New Casing				

POH with production equipment. Set CIBP at 9000', cap with 35' cement to P&A N. Burton Flat Wolfcamp. Run cement bond log 6500'-4000'. Perforations will be determined by bond log. Perforate a 2' section using (4) 1/2" 90° phased JHPF (8 holes). Set cement retainer 50' above top perforation. Establish injection rate & pressure through casing using mudflush w/2% KCL, pump 300 sacks Class "H" cement w/2% CaCl₂. Run temperature survey to locate top of cement (TOC should be 500'). Perf (4) 4' intervals with (5) 1/2" o-phase burrless decentralized JH/4' zone (20 holes). Intervals are: 5842-46', 5852-56', 5860-64' & 5872-76'. Spot acid 5876'-5790'. Swab & test. Acidize w/3200 gals slick 15% NEFE HCL @ 7-8 BPM using (8) 7/8" RCNB's. Flush to perfs w/slick 8.6# water. Swab & test. Frac at 18-20 BPM using 28,000 gals frac pad and (15) 7/8" RCNB's. Flush to perfs with gelled pad. Swab and test.

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

R.D. Pitzer

TITLE

Area Engineer

DATE

10-16-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

RECEIVED

TITLE

APPROVED

DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 23 1980

OCT 20 1980

O. C. D. See Instructions On Reverse Side
ARTESIA, OFFICE

DISTRICT SUPERVISOR