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Form 9-331C
(May 1963)

N. M. O. C. C. COPY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-015-22753

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

K

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM-0554950-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Jones Federal (NCT-B)

2. NAME OF OPERATOR: GULF OIL CORPORATION

RECEIVED

9. WELL NO.: 2

3. ADDRESS OF OPERATOR: P. O. Box 670, Hobbs, New Mexico 88240

DEC - 1 1978

10. FIELD AND POOL, OR WILDCAT: Cemetary Morrow

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: ~~660'~~ 1980' FSL & 1980' FWL
At proposed prod. zone

O. C. C.
ARTESIA, OFFICE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 33, T-20S, R-25E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 14 miles Northwest of Carlsbad, New Mexico

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1040 ~~640~~

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH: 9800'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3665.2' GL

22. APPROX. DATE WORK WILL START*: 10-01-78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13⅜"		250	circ
~~11"~~ 12¼"	8-5/8"	24#	2,600' ~~1,200'~~	~~400 sx~~ Circulate
7-7/8"	5-1/2"	15.5# - 17.0#	9,800'	To be determined by caliper survey

NOTE: See Attached BOP Drawing No. 3

Circulating Media:
0' - 1,200' Fresh water spud mud;
1,200' - 9,800' Fresh water with 3-4% KCl; Viscosity, minimum; Filtrate, 4-20 cc's; Weight will be increased if well conditions dictate.

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 G. Borland TITLE Area Production Manager DATE 08-18-78

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE 11-29-78

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side