

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                              |                                          |                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|
| 1a. TYPE OF WORK<br><b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>                                                        |                                          | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>Federal LC 030187</b>                     |
| b. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |                                          | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                |
| 2. NAME OF OPERATOR<br><b>Gulf Oil Corporation</b>                                                                                                                                                           |                                          | 7. UNIT AGREEMENT NAME                                                              |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Box 980, Kermit, Texas 79745</b>                                                                                                                                          |                                          | 8. FARM OR LEASE NAME<br><b>C. E. Lammyon</b>                                       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*<br>At surface<br><b>660' FSL and 1980' FWL Sec. 21, T-23S, R-37E</b><br>At proposed prod. zone                 |                                          | 9. WELL NO.<br><b>22</b>                                                            |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br><b>11 miles north of Jal, New Mexico</b>                                                                                            |                                          | 10. FIELD AND POOL, OR WILDCAT<br><b>Teague Blinebry</b>                            |
| 15. DISTANCE FROM PROPOSED*<br>LOCATION TO NEAREST<br>PROPERTY OR LEASE LINE, FT.<br>(Also to nearest drlg. unit line, if any)<br><b>660'</b>                                                                | 16. NO. OF ACRES IN LEASE<br><b>1600</b> | 11. SEC., T., R., M., OR BLK.<br>AND SURVEY OR AREA<br><b>Sec. 21, T-23S, R-37E</b> |
| 18. DISTANCE FROM PROPOSED LOCATION*<br>TO NEAREST WELL, DRILLING, COMPLETED,<br>OR APPLIED FOR, ON THIS LEASE, FT.<br><b>2888' NW of No. 21</b>                                                             | 19. PROPOSED DEPTH<br><b>6400</b>        | 12. COUNTY OR PARISH<br><b>Lea</b>                                                  |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>3296.6 GR</b>                                                                                                                                           |                                          | 13. STATE<br><b>New Mexico</b>                                                      |
| 23. PROPOSED CASING AND CEMENTING PROGRAM                                                                                                                                                                    |                                          | 17. NO. OF ACRES ASSIGNED TO THIS WELL<br><b>40</b>                                 |
|                                                                                                                                                                                                              |                                          | 20. ROTARY OR CABLE TOOLS<br><b>Rotary</b>                                          |
|                                                                                                                                                                                                              |                                          | 22. APPROX. DATE WORK WILL START*<br><b>Upon approval of Kermit</b>                 |

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT          |
|--------------|----------------|-----------------|---------------|-----------------------------|
| 11"          | 8-5/8"         | 24#             | 850'          | Circulate                   |
| 7-7/8"       | 5-1/2"         | 15.50#          | 6000'         | Top at base of salt (2300') |

Will drill to 6400' to test the Teague Blinebry formation within the interval 5350' to 5900'.

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 H. F. Swannack TITLE Area Manager DATE 12-21-67  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
DEC 22 1967  
A. R. BRIDGEMAN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.