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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

| | |
|--------------------------------|---|
| 5A. Indicate Type of Lease | |
| STATE <input type="checkbox"/> | FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|--|----------------------------------|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> | | | |
| b. Type of Well | | 8. Farm or Lease Name | |
| OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | O. I. Boyd | |
| 2. Name of Operator | | 9. Well No. | |
| Gulf Oil Corporation | | 4 | |
| 3. Address of Operator | | 10. Field and Pool, or Wildcat | |
| Box 670, Hobbs, New Mexico 88240 | | Drinkard | |
| 4. Location of Well | | 12. County | |
| UNIT LETTER <u>0</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>23</u> TWP. <u>22-S</u> RGE. <u>37-E</u> NMPM | | Lea | |
| 19. Proposed Depth | | 19A. Formation | |
| 7270' | | Drinkard | |
| 20. Rotary or C.T. | | -- | |
| 21. Elevations (Show whether DF, RT, etc.) | | 22. Approx. Date Work will start | |
| 3320' GL | | 11-26-73 | |
| 21A. Kind & Status Plug. Bond | | 21B. Drilling Contractor | |
| Blanket | | -- | |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|---------------------------|----------|
| 12-1/4" | 9-5/8" | 32.30# | 1185' | 450 sacks (Circulated) | |
| 8-3/4" | 5-1/2" | 14 & 15.5# | 7827' | 1565 sacks (TOC at 2100') | |

Plans have been made to abandon the Brunson McKee and complete in the Drinkard zone as follows:

Pull producing equipment. Set CI BP at approximately 7280' and dump 2 sacks of cement on top of BP. Test casing and BP with 500#, 30 minutes. Perforate 5-1/2" casing in the Drinkard zone with 2, .72" JHPF at approximately 6268-70', 6289-91', 6325-27', 6358-60', 6388-90', 6405-07', 6434-36' & 6462-64'. Run treating equipment. Treat new perforations with 2,000 gallons of 15% NE acid and 35,000 gallons of gel water containing 1 to 2# SPG. Flush with 1900 gallons of gel water. Pull treating equipment. Run packer on 2-3/8" tubing. Set packer at approximately 6200'. Swab and clean up and return well to production.

APPROVAL VALID
NO. OF DAYS UNLESS
EXTENDING IS INDICATED.

NO. 123 2-22-74

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed H. J. Brezeale Title Area Engineer Date November 23, 1973
(This space for State Use)

APPROVED BY [Signature] TITLE DATE
CONDITIONS OF APPROVAL, IF ANY: