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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 | |
| b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Farm or Lease Name H. T. Mattern (NCT-A) | |
| 2. Name of Operator GULF OIL CORPORATION | | 9. Well No. 4 | |
| 3. Address of Operator P.O. Box 670, Hobbs, NM 88240 | | 10. Field and Pool, or Wildcat Paddock | |
| 4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>24</u> TWP. <u>21S</u> RGE. <u>36E</u> NMPM | | 12. County Lea | |
| 19. Proposed Depth 6800' | | 19A. Formation Paddock | |
| 20. Rotary or C.T. -- | | 21. Elevations (Show whether DF, RT, etc.) 3510' GL | |
| 21A. Kind & Status Plug. Bond -- | | 21B. Drilling Contractor -- | |
| 22. Approx. Date Work will start February 15, 1980 | | | |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|------------|
| 12 1/2" | 8-5/8" | 24# | 1250' | 625 | circulated |
| 7-7/8" | 5 1/2" | 15.5# | 6800' | 2450 | circulated |

TD 6800'. Pull rods & pmp. Set CIBP @ 5500'; cap w/35' cmt to abandon Blinbry zone. Test csg to 500 psi. Perf Paddock zone in the following intervals: 5180-82'; 5217-19'; 5250-52'; 5285-87'; 5313-15'; 5342-44'; 5369-71'; 5406-08' w/(2) 1/2" zero-phased, decentralized, burrless JHPF (32 holes). Acidize perms w/6400 gals 15% NEFE, inhibited, slick HCl @ 6-8 BPM in 8 equal stages, dropping (5) 7/8" balls in first 7 stages (35 balls total). Swab & test well & 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. 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 _____ Title Area Engineer Date 2-7-80

(This space for State Use)

APPROVED BY H. P. Sikes Jr. TITLE _____ DATE FEB 11 1980

CONDITIONS OF APPROVAL, IF ANY:

ADMINISTRATOR DEPT. OF NATURAL RESOURCES

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

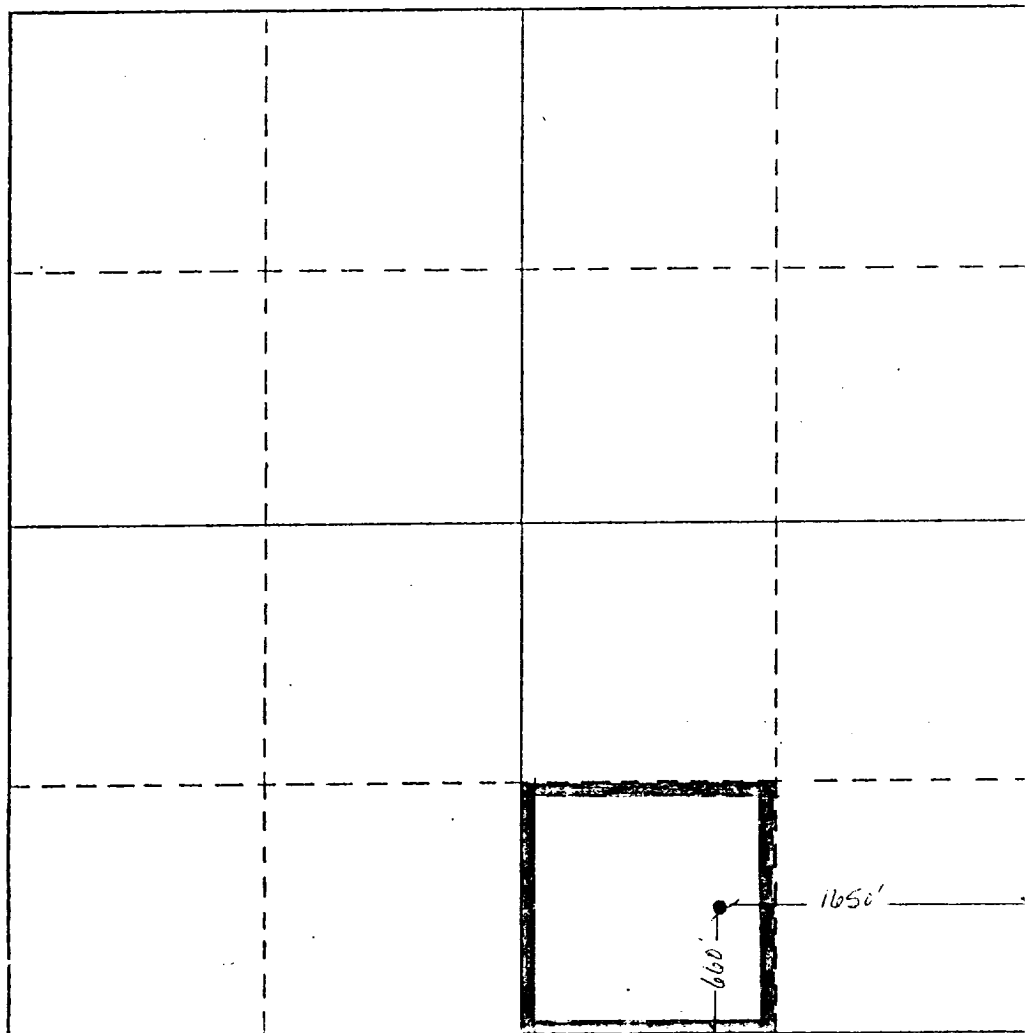
| | | | | | |
|--|---------------------------------------|------------------------|---------------------------------------|----------------------|---------------------------------------|
| Operator GULF OIL CORPORATION | | | Lease H. T. Mattern (NCT-A) | | Well No. 4 |
| Unit Letter 0 | Section 24 | Township 21S | Range 36E | County Lea | |
| Actual Footage Location of Wells: 660 feet from the South line and 1650 feet from the East line | | | | | |
| Ground Level Elev. 3510' | Producing Formation Paddock | | Pool Paddock | | Dedicated Acreage: 40 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

N. P. Sikes, Jr.

Name

N. P. Sikes, Jr.

Position

Area Engineer

Company

Gulf Oil Corporation

Date

2-7-80

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300