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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-27990

Form C-101
Revised 1-1-65

| | |
|---|------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. NM-11119 | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|--|--|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Farm or Lease Name SAB State <i>YAO</i> | |
| 2. Name of Operator General American Oil Company of Texas | | 9. Well No. #1- X | |
| 3. Address of Operator P. O. Box 128 Loco Hills, New Mexico 88255 | | 10. Field and Pool, or Wildcat North Lusk Morrow | |
| 4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>19-S</u> RGE. <u>32-E</u> NMPM | | 12. County Lea | |
| 19. Proposed Depth 13,500 | | 19A. Formation Morrow | 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DF, RT, etc.) 3690.9 G.L. | 21A. Kind & Status Plug. Bend Blanket | 21B. Drilling Contractor Possible — Warton | 22. Approx. Date Work will start October 25, 1982 |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17-1/2" | 13-3/8" | 48# | 400' | Circulate | |
| 11" | 8-5/8" | 28# & 32# | 5,000' | 700 sacks | 1,750' |
| 7-7/8" | 5-1/2" | 17# & 20# | 13,500' | 600 sacks | 9,414' |

We propose to drill this well to 13,500 and complete in the Morrow formation.

All zones indicating porosity will be acidized or sand fraced. GAS NOT DEDICATED.

MUD PROGRAM

| Interval | Type Mud | Weight | Viscosity | Water Loss |
|-------------------|-------------------|-------------|-----------|-------------------|
| 0' - 400' | Spud Mud | 8.5# | 30 | NC |
| 400' - 5,000' | Brine Water Gel | 9.8 - 10.0# | 28 - 30 | NC |
| 5,000' - 9,000' | Fresh Water | 8.5# | 28 | NC |
| 9,000' - 10,000' | Cut Brine Water | 9.0# | 30 | NC |
| 10,000' - 11,000' | Cut Brine Water | 9.5# | 32 | NC |
| 11,000' - 12,000' | Cut Brine Water | 10.5# | 35 | 20 - 25 |
| | Gel w/material | | | |
| 12,000' - T.D. | Starch Gel Flosal | 11.0# | 38 | 4 - 6 thru Morrow |
| | Driscap | | | |

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 Randall H. Hawkins Title Field Superintendent Date October 13, 1982

(This space for State Use)

APPROVED BY Eddie W. Sea TITLE OIL & GAS INSPECTOR DATE OCT 15 1982

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/15/83
UNLESS DRILLING UNDERWAY

RECEIVED

OCT 15 1982

O.C.D.
HOBBS OFFICE