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NEW MEXICO OIL CONSERVATION COMMISSION **RECEIVED**

APR 14 1981

O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 12-69

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|--|--|--|
| 1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Estimated Time |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 8. Estimated Lease Term |
| c. Name of Operator Coquina Oil Corporation ✓ | | 9. Well No. 1 |
| 3. Address of Operator P. O. Drawer 2960, Midland, Texas 79702 | | 10. Field and Loc., or Wellhead Wildcat |
| 4. Location of Well UNIT LETTER C LOCATED 660' FEET FROM THE North LINE 1980' West 14 24S 28E | | 11. County Eddy |
| 12. Proposed Depth 13,000' | | 13A. Formation Morrow |
| 13B. Formation Morrow | | 14. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DI, RI, etc.) 2988' GL | 21A. Kind & Status Plug. Bond Blanket | 21B. Drilling Contractor Ard Drilling Company |
| 22. Approx. Date Work will start April 15, 1981 | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 26" | 20" | 94# | 350' | 400 | Surface |
| 17 1/2" | 13-3/8" | 54.5 & 61# | 2600' | 1800 | Surface |
| 12 1/4" | 9-5/8" | 43.5# | 9600' | 1000 | 6000' |
| 8 1/2" | 7-5/8" Liner | 39# | 9200-12000' | 200 | 9500' |
| 6 1/2" | 5" Liner | 18# | 11600-13000' | 150 | 11600' |

MI & RURT. Drill a 26" hole to 350' w/fresh water spud mud. Set and cement 20" casing at 350'. WOC 18 hours. Drill a 17-1/2" hole to 2600' w/saturated brine water. Set and cement 13-3/8" casing. WOC 18 hours. Install CH and NU BOP's. Test all to 1000 psi. Drill out w/brine cutting back to 9.5# cut brine and drill a 12-1/4" hole to 9600'. Set and cement 9-5/8" casing. WOC 18 hours. Install 5,000 psi BOP's and LP rotating head. Test BOP's, choke manifold, and casing to 5000 psi. Drill out in 8-1/2" hole w/brine water mud system weighted to 10 or 11 ppg. Allow hole conditions to dictate mud wt. If indicated by samples and shows, run DST's in Strawn and/or Atoka. If production is indicated, set and cement 7-5/8" FJ liner at 12,000'. Drill ahead in 6-1/2" hole using brine water adding SW gel to build viscosity. Drill thru Morrow Sands, DST as indicated. If Morrow is productive, set and cement a 5" FJ liner at 13,000'. We will run a full suite of electric logs before setting 9-5/8" casing, and before each liner is run. Gas from this acreage is not dedicated.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 10-16-81
UNLESS DRILLING UNDERWAY

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 Billy M. Pugh Title Drilling Manager Date April 13, 1981

(This space for State Use)

APPROVED BY W. A. Grissett TITLE SUPERVISOR, DISTRICT II DATE APR 16 1981

CONDITIONS OF APPROVAL, IF ANY: