

| | |
|------------------------|---|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | 1 |
| FILE | 1 |
| U.S.G.S. | 2 |
| LAND OFFICE | |
| OPERATOR | 1 |

NEW MEXICO OIL CONSERVATION COMMISSION

OCT 30 1980

C.C.D.

30-015-23520

Form O-101
Revised 1-1-77

| | |
|--------------------------------|---|
| 5A. Estimate Type of Lease | |
| STATE <input type="checkbox"/> | FEE <input checked="" type="checkbox"/> |

| | |
|-----------------------------------|--|
| 5. Estimate of Leasehold Interest | |
|-----------------------------------|--|

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|--|---|--|
| 1a. Type of Work | | 7. Test A Present Name | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 4. Estimate of Leasehold Interest Harroun Com. | |
| 2. Name of Operator Coquina Oil Corporation | | 9. Well No. 1 | |
| 3. Address of Operator P. O. Drawer 2960, Midland, Texas 79702 | | 10. State of Leasehold Interest Undesignated (Dublin Ranch Morrow) | |
| 4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>33</u> TWP. <u>22S</u> RGE. <u>28E</u> NMPM | | 11. County Eddy | |
| 12. Proposed Depth 12,700' | | 19A. Formation Morrow | |
| 13. Elevation (Indicate whether DB, KI, etc.) 3064' GR | | 21A. Kind & Status Plug. Bond Blanket | |
| 21B. Drilling Contractor Ard Drilling Co. | | 22. Approx. Date Work will start January 1, 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" | 48, 54.5, 61# | 2700' | 2000 | Surface |
| 12-1/4" | 9-5/8" | 47#, 53.5# | 10,500' | 650 | 8700' |
| 8-1/2" | 7-5/8" liner | 33.7# | 10,000-11,750' | 175 | 10,000' |
| 6-1/2" | 5" liner | 18# | 11,250-12,700 | 145 | 11,250' |

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 2700' 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 10,500'. 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 11,750'. Drill ahead in 6 1/2" hole using brine water adding SW gel to build viscosity. Drill thru Morrow Sands, DS Testing as indicated. Morrow is productive set and cement a 5" FJ liner at 12,700'. 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 90 DAYS UNLESS DRILLING COMMENCED
2-4-81

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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 G. L. Crain Title Drilling Manager Date October 29, 1980

(This space for State Use)
 APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE NOV 6 4 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface below 20' 4 13 3/8" casing