

30-025-27238

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## NEW MEXICO OIL CONSERVATION COMMISSION

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.              |                              |
| E-6347                                    |                              |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                                                                                                                                         |  |                                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--|
| 1a. Type of Work                                                                                                                                                                                                                                                                                                                        |  | 7. Unit Agreement Name         |  |
| b. Type of Well<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |  | 8. Firm or Lease Name          |  |
| 2. Name of Operator                                                                                                                                                                                                                                                                                                                     |  | State "E" Com                  |  |
| 3. Address of Operator                                                                                                                                                                                                                                                                                                                  |  | 9. Well No.                    |  |
| 1100 Wall Towers West; Midland, Texas 79701                                                                                                                                                                                                                                                                                             |  | 2                              |  |
| 4. Location of Well                                                                                                                                                                                                                                                                                                                     |  | 10. Field and Pool, or Wildcat |  |
| UNIT LETTER <u>O</u> LOCATED <u>660'</u> FEET FROM THE <u>South</u> LINE                                                                                                                                                                                                                                                                |  | Eumont (Y,Q,SR)                |  |
| AND <u>1980'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>35</u> TWP. <u>20-S</u> RGE. <u>37-E</u> NMPM                                                                                                                                                                                                                                |  | 12. County                     |  |
|                                                                                                                                                                                                                                                                                                                                         |  | Lea                            |  |
|                                                                                                                                                                                                                                                                                                                                         |  | 13. Proposed Depth             |  |
|                                                                                                                                                                                                                                                                                                                                         |  | 3700'                          |  |
|                                                                                                                                                                                                                                                                                                                                         |  | 15A. Formation                 |  |
|                                                                                                                                                                                                                                                                                                                                         |  | (Y,Q,SR)                       |  |
|                                                                                                                                                                                                                                                                                                                                         |  | 16. History of C.T.            |  |
|                                                                                                                                                                                                                                                                                                                                         |  | Rotary                         |  |
| 21. Elevation (Show whether DE, KI, etc.)                                                                                                                                                                                                                                                                                               |  | 21B. Drilling Contractor       |  |
| Blanket                                                                                                                                                                                                                                                                                                                                 |  | Collier & Collier              |  |
| 22. Approx. Date Work will start                                                                                                                                                                                                                                                                                                        |  | February 1, 1981               |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12 1/4"      | 8 5/8"         | 24#             | 1320'         | 650             | Surface  |
| 7 7/8"       | 5 1/2"         | 14#             | 3700'         | 500             | 1250' *  |

Drl. 12 1/4" hole to 1320'. Set surface csg @ 1320'; circ. cmt. Drl 7 7/8" hole to TD of 3700' to test Queen & intermediate horizons w/shows. Run 5 1/2" csg to TD. Cmt w/sufficient volume to cover all prospective zones. Estimated top of cmt @ 1250'. Perf & stimulate Queen for production.

MUD PROGRAM: 0-1320', Gel/Lime slurry; 1320-3000', brine wtr; 3000-TD, salt mud, Vis 40-45, WL 8-10cc thru Queen. BHP @ TD anticipated to be 1600 PSI. No abnormal pressures expected.

BOP PROGRAM: BOP to be tested after installation of 8 5/8" csg.

PERMIT VALID FOR 180 DAYS  
PERMIT EXPIRES 7/22/81  
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-  
DUCIVE 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 (P. Parsons) Title District Operations Engineer Date 1-13-81

(This space for State Use)

APPROVED BY Leslie A. Clement TITLE State Engineer DATE JAN 23 1981

CONDITIONS OF APPROVAL, IF ANY:

Confirm that Cmt. tied back into Surface Csg w/Temp. Survey