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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

|   |                              |
|---|------------------------------|
| 5A. Indicate Type of Lease                |                              |
| STATE <input checked="" type="checkbox"/> | FEC <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| A-2614                                    |                              |

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

|   |  |                                  |  |
|---|--|----------------------------------|--|
| 12. Type of Work  |  | 7. Unit Agreement Name           |  |
| DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>  |  |                                  |  |
| b. Type of Well   |  | 8. Firm or Lease Name            |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |  | McDonald State A/C 2             |  |
| 2. Name of Operator   |  | 9. Well No.                      |  |
| Marathon Oil Company  |  | 31                               |  |
| 3. Address of Operator  |  | 10. Field and Pool, or Wildcat   |  |
| P. O. Box 2409, Hobbs, New Mexico 88240   |  | Drinkard                         |  |
| 4. Location of Well   |  | 12. County                       |  |
| UNIT LETTER <u>G</u> LOCATED <u>1800</u> FEET FROM THE <u>North</u> LINE                                      |  | Lea                              |  |
| AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>13</u> TWP <u>22-S</u> RGE. <u>36-E</u> NMPM        |  |                                  |  |
| 19. Proposed Depth  |  | 19A. Formation                   |  |
| 7000'   |  | Drinkard                         |  |
| 20. Rotary or C.T.  |  | Rotary                           |  |
| 21. Elevation (Show whether D.F., R.T., etc.)   |  | 22. Approx. Date Work will start |  |
| 3471' GL  |  | June 5, 1978                     |  |
| 21A. Kind & Status Plug. Bond   |  | 21B. Drilling Contractor         |  |
| Current   |  | Unknown                          |  |

| 23. PROPOSED CASING AND CEMENT PROGRAM |                |                 |               |                 |           |
|--|----------------|-----------------|---------------|-----------------|-----------|
| SIZE OF HOLE                           | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP  |
| 11"                                    | 8 5/8"         | 24#             | 1300'         | 500             | Circulate |
| 7 7/8"                                 | 5 1/2"         | 15.5#           | 7000'         | 2000            | Circulate |

Intend to drill to approximately 7000'.

Cement and test all casing by approved methods.

Blowout equipment to be used is 900 Series Cameron or equivalent with pipe and blank rams. Remote controls will be located on the derrick floor with the closing unit a minimum of 75 ft. from the well head.

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 William D. Hinch Title Production Engineer Date 5-12-78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE MAY 15 1978

CONDITIONS OF APPROVAL, IF ANY: