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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

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

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

|   |  |   |  |
|---|--|---|--|
| 1a. Type of Work  |  | 7. Unit Agreement Name                                    |  |
| b. Type of Well<br>DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" 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. Farm or Lease Name<br>Clara M. Roberts                 |  |
| 2. Name of Operator<br>Polaris Production Corp.   |  | 9. Well No.<br>1  |  |
| 3. Address of Operator<br>P. O. Box 1749, Midland, Texas 79702  |  | 10. Field and Pool, or Wildcat<br>Medicine Rock (Undesig) |  |
| 4. Location of Well<br>UNIT LETTER E LOCATED 330 FEET FROM THE West LINE<br>AND 1980 FEET FROM THE North LINE OF SEC. 23 TWP. 15-S RGE. 38-E NMPM   |  | 12. County<br>Lea   |  |
| 21. Elevations (Show whether DF, RT, etc.)<br>3728.5 GL   |  | 19. Proposed Depth<br>12,600                              |  |
| 21A. Kind & Status Plug. Bond<br>Blanket-Current  |  | 19A. Formation<br>Mississippian                           |  |
| 21B. Drilling Contractor<br>Unknown   |  | 20. Rotary or C.T.<br>Pulling Unit                        |  |
| 22. Approx. Date Work will start<br>March 1, 1979   |  |   |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 8 3/4"       | 5 1/2          | 15.5 & 17#      | 12,830        | 1,000 sx        | 7,000    |
|              |                |                 |               |                 |          |
|              |                |                 |               |                 |          |

1. Set Bridging Bar in Model "D" Pkr. @ 12,745 w/2 sx sand on top, thereby blanking off perfs. 12,786-12,822 (Devonian)
2. Set CIBP @ 12,600.
3. Perf. 5 1/2" csg. opposite Mississippian from approx. 11,970-12,210.
4. Acidize as necessary to establish fluid entry to test.

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 [Signature] Title Engineer Date Feb. 20, 1979

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE FEB 22 1979

CONDITIONS OF APPROVAL, IF ANY: