

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

| |
|---|
| API NO. (assigned by OCD on New Wells) |
| 30-025-30540 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | |
|---|---|
| 1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | 7. Lease Name or Unit Agreement Name Pioneer Acres "5" |
| b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | 8. Well No. 51 |
| 2. Name of Operator Sohio Petroleum Company | 9. Pool name or Wildcat Wildcat |
| 3. Address of Operator P. O. Box 460609 Houston, Texas 77056-8609 | |
| 4. Well Location Unit Letter <u>PB</u> : <u>660</u> Feet From The <u>East</u> Line and <u>660</u> Feet From The <u>South</u> Line Section <u>5</u> Township <u>17S</u> Range <u>38 East</u> NMPM Lea County | |

| | | | |
|---|---|--|---|
| 10. Proposed Depth 12,000 TVD | 11. Formation Atoka | 12. Rotary or C.T. rotary | |
| 13. Elevations (Show whether DF, RT, GR, etc.) 3710.0 3708.2 | 14. Kind & Status Plug. Bond Blanket | 15. Drilling Contractor to be announced | 16. Approx. Date Work will start 2/15/89 |

| 17. PROPOSED CASING AND CEMENT PROGRAM | | | | | |
|--|----------------|-----------------|---------------|-----------------|----------|
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
| 17 1/2 | 13 3/8 | 48 | 400 | 350 | Surface |
| 11 | 8 5/8 | 24 | 4500 | 1450 | Surface |
| 7 7/8 | 5 1/2 | 17 | 12000 | 770 | 8700 |

The proposal is to drill to 400 ft, set and cement 13 3/8 Surface Casing as outlined above. A 2-Ram, Annular BOP stack will be nipped up and tested initially and every 30 days thereafter as required. A 11" hole will be drilled to 4500 and 8 5/8 casing set across the salt. A 7 7/8" hole will be drilled to total depth. The objective is to test the Strawn. Well is to be drilled as a wildcat 40 acre.

cc: BW Smith
JD Sikes
Karen Harvey
Well File

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.

SIGNATURE Elaine Kubicek TITLE Technical Assistant DATE 01/16/89
TYPE OR PRINT NAME ELAINE KUBICEK TELEPHONE NO. 713-552-6433

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JAN 19 1989

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway