

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

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

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

|   |
|---|
| API NO. (assigned by OCD on New Wells)<br><b>3D-025-32243</b>                                       |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>K-4606  |
| 7. Lease Name or Unit Agreement Name<br>NVANU "4" A   |
| 8. Well No.<br>27   |
| 9. Pool name or Wildcat<br>NORTH VACUUM (ABO)   |

|  |                |   |               |  |          |
|--|----------------|---|---------------|--|----------|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  |                |   |               |  |          |
| 1a. Type of Work:<br>DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>  |                |   |               |  |          |
| b. Type of Well:<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"/> |                |   |               |  |          |
| 2. Name of Operator<br>SAGE ENERGY COMPANY   |                |   |               |  |          |
| 3. Address of Operator<br>P.O. Drawer 3068 Midland, Texas 79702  |                |   |               |  |          |
| 4. Well Location<br>Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line<br>Section <u>1</u> Township <u>17-S</u> Range <u>34-E</u> NMPM Lea County         |                |   |               |  |          |
| 10. Proposed Depth<br>8800'  |                | 11. Formation<br>ABO                    |               | 12. Rotary or C.T.<br>Rotary                 |          |
| 13. Elevations (Show whether DF, RT, GR, etc.)<br>4035.1 GR  |                | 14. Kind & Status Plug. Bond<br>BLANKET |               | 15. Drilling Contractor<br>Peterson Drilling |          |
| 16. Approx. Date Work will start<br>Nov. 15, 1993  |                |   |               |  |          |
| 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' ±        | 400  | Surface  |
| 11"  | 8-5/8"         | 24# & 32#                               | 4600' ±       | 2000   | 400'     |
| 7-7/8"   | 4-1/2"         | 10.5# & 11.6#                           | 8800'         | 300  | 7800'    |

Blow out prevention system: 4-1/2" drill pipe rams  
Set of blanks  
Hydril clamped around kelly

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 Tonya Streun TITLE Production Clerk DATE 9-24-93  
TYPE OR PRINT NAME Tonya Streun (915) 683-5271  
TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE SEP 29 1993

CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**

**SEP 27 1993**

**JOE HOBBS  
OFFICE**