

RECEIVED

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OCT 15 1992

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

O.C.D.  
APPROVED (Amended by OCD on New Wells)  
**30-015-27169**

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
VB-407

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

1a. Type of Work:  
DRILL ☒ RE-ENTER ☐ DEEPEN ☐ - PLUG BACK ☐

b. Type of Well:  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator  
Santa Fe Energy Operating Partners, L.P.

3. Address of Operator  
550 W. Texas, Suite 1330, Midland, Texas 79701

4. Well Location  
Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line  
Section 2 Township 23S Range 28E NMPM Eddy County

7. Lease Name or Unit Agreement Name  
Warthog "2" State

8. Well No.  
1

9. Pool name or Wildcat  
☒ Loving, East (Delaware)

10. Proposed Depth  
6500'

11. Formation  
Delaware

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
3069.2' GR

14. Kind & Status Plug. Bond  
Blanket - current

15. Drilling Contractor  
To be determined

16. Approx. Date Work will start  
October 23, 1992

17. 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"	24.0	400'	200 sx	Circulate
7-7/8"	5-1/2"	15.5	6500'	1500 sx	Surface

Move on location and rig up. Spud 12-1/4" hole and drill to  $\pm 400'$ . Run 8-5/8" casing and cement with sufficient Class "C" containing 2%  $\text{CaCl}_2$  to circulate to surface. WOC 4 hours prior to cut-off and weld on 8-5/8" casing head and NU 11" x 3000 psi BOP stack to consist of an annular preventer, double ram preventer and choke manifold. Test casing to 600 psi and BOP stack to 1500 psi. Drill 7-7/8" hole to 6500'. Log, run 5-1/2" casing and cement in two stages with stage collar at  $\pm 3000'$  utilizing Class "C" cement to bring cement top to the surface.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 4-22-93  
UNLESS DRILLING UNDERWAY

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 Darrell Roberts TITLE Sr. Drilling Engineer DATE Oct. 12, 1992  
TYPE OR PRINT NAME Darrell Roberts TELEPHONE NO. 915/687-3551

(This space for State Use) ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT  
TIME TO WITNESS CEMENTING THE  
878 CASING

OCT 22 1992