

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

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

P.O. Box 2088
Santa Fe, New Mexico 87501

NOV 4 1992

API NO. (assigned by OCD on New Wells)

30-015-27180

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

VB-407

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 ☐

7. Lease Name or Unit Agreement Name

Warthog "2" State

2. Name of Operator

Santa Fe Energy Operating Partners, L.P. ✓

8. Well No.

2

3. Address of Operator

550 W. Texas, Suite 1330, Midland, Texas 79701

9. Pool name or Wildcat

Loving, East (Delaware)

4. Well Location

Unit Letter H : 1980 Feet From The North Line and 660 Feet From The East Line

Section 2 Township 23S Range 28E NMPM Eddy County

10. Proposed Depth

6500'

11. Formation

Delaware

12. Rotary or C.T.

Rotary

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

3073.7' GR

14. Kind & Status Plug. Bond

Blanket - current

15. Drilling Contractor

To be determined

16. Approx. Date Work will start

12/15/92

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 ±400'. Run 8-5/8" casing and cement with sufficient Class "C" containing 2% CaCl₂ 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 ±3000' utilizing Class "C" cement to bring cement top to the surface.

Part ID 1
11-6-92
New Loc
+ API

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-4-93
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 Nov. 3, 1992

TYPE OR PRINT NAME Darrell Roberts TELEPHONE NO. 687-3551

(This space for State Use)

APPROVED BY Mark E. Roberts TITLE NOV 4 1992 DATE NOV 4 1992

CONDITIONS OF APPROVAL, IF ANY: