

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 87501

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

MAY 15 1991

API NO. (assigned by OCD on New Wells)

30-015-26750

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-742 & B-10714-7

7. Lease Name or Unit Agreement Name

Muskegon "17" State Com

8. Well No.

1

9. Pool name or Wildcat

X Und. Empire South (Morrow)

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, TX 79701

4. Well Location

Unit Letter N : 2180 Feet From The West Line and 660 Feet From The South Line

Section 17 Township 17S Range 29E NMPM Eddy County

10. Proposed Depth

10,900'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

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

3612.5' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

To be bid

16. Approx. Date Work will start

June 15, 1991

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"	48.0	450'	450 sx	Surface
12-1/4"	8-5/8"	24.0	2,600'	1600 sx	Surface
7-7/8"	5-1/2"	15.5 & 17.0	10,900'	1500 sx	3000'

Move in rig and drill 17-1/2" hole to 450'+. Run 13-3/8" casing and cement to surface with Class C cement w/2% CaCl<sub>2</sub>. Drill 12-1/4" hole to 2600'. Run 8-5/8" casing and cement to surface with 65/35 Class C cement/Poz, 6% gel, 10% salt and 1/4 pps celloflake, followed by 200 sx Class C cement. Drill 7-7/8" hole to 10,900'. Run 5-1/2" casing and cement to 3000' with 65/35 Class C cement/Poz (3000-8000') followed by Class H cement, 1.0% fluid loss additive, 5% salt (8000-10,900').

11 x 3000 annular preventer on 8-5/8" casing, blind ram, pipe ram, choke manifold - test casing to 1500 psi and test BOP stack to 3000 psi.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 11/21/91  
UNLESS DRILLING UNDERWAY

Part ID-1  
5-24-91  
Newhoo  
+ API

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 Senior Drilling Engineer DATE 5-13-91

TYPE OR PRINT NAME Darrell Roberts TELEPHONE NO. 915/ 687-3551

(This space for State Use) ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II

TITLE DATE MAY 22 1991

CONDITIONS OF APPROVAL, IF ANY:

• 53715 53716 53717 53718 53719

53720 53721