

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

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

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)

30-025-30598

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

7. Lease Name or Unit Agreement Name

Clydesdale 15 State

b. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. Name of Operator

Santa Fe Energy Operating Partners, L.P.

8. Well No.

1

3. Address of Operator

500 W. Illinois, Suite 500, Midland, TX 79701

9. Pool name or Wildcat Wildcat &  
North Lovington Atoka

4. Well Location (SL) I 500 East 2300  
Unit Letter (BHL) I : 660 Feet From The East Line and 2200 Feet From The South Line

Section 15

Township 16S

Range 36E

NMPM

Lea

County

10. Proposed Depth

12,200'

11. Formation

Atoka

12. Rotary or C.T.

Rotary

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

3881.4'

14. Kind & Status Plug. Bond

Blanket - current

15. Drilling Contractor

To be determined

16. Approx. Date Work will start

ASAP

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'	500	Surface
11"	8 5/8"	24.0 & 32.0	4930'	3500	Surface
7 7/8"	5 1/2"	17.0	12200'	1200	Surface

Move in and rig up rotary tools. Drill a 17 1/2" hole to 450'. Run and cement 13 3/8" casing with 500 sacks Class C containing 2% CaCl<sub>2</sub>. Nipple up BOP and test to 600 psi/30 minutes. Drill an 11" hole to 4930' (50'+ into San Andres). Run and cement 8 5/8" casing with sufficient lite cement containing 10% salt, 6% gel, and 1/4#/sk cellophane flakes to circulate to surface when followed by 350 sx Cl C, 2% CaCl<sub>2</sub>. Nipple up BOP and test to 3000 psi. Drill a 7 7/8" hole to 9500'+. Run multishot survey. Directionally drill from 9500' to TD such that location of wellbore at TD will be a standard location. Run logs. Run and cement 5 1/2" casing or plug and abandon as per NMOCC rules.

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 Michael R. Burton TITLE Sr. Drilling Engineer DATE 4-17-89

TYPE OR PRINT NAME MICHAEL R. BURTON TELEPHONE NO. 915-687-355

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 6 1989

CONDITIONS OF APPROVAL, IF ANY:

DD-27

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.