

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 87504-2088
JAN 31 1990

API NO. (assigned by OCD on New Wells)
30-015-26280

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

7. Lease Name or Unit Agreement Name

Lone Tree Federal Com

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

Und. E. Carlsbad Morrow

4. Well Location
Unit Letter FN: 660 Feet From The South Line and 1980 Feet From The West Line
Section 24 Township 21S Range 27E NMPM Eddy County

10. Proposed Depth 11,950'
11. Formation Morrow
12. Rotary or C.T. Rotary

13. Elevations (Show whether DF, RT, GR, etc.) 3126.4'
14. Kind & Status Plug. Bond Blanket
15. Drilling Contractor To be determined
16. Approx. Date Work will start March 1, 1990

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	75.0	1,000		Surface
13 1/2"	9 5/8"	40.0	2,350'		Surface
8 1/2"	5 1/2"	20.0	11,950'		8,500'

Move on location and rig up rotary tools. Drill 20" hole to 1,000'+. Run and cement 16" casing. WOC till 500 psi compressive strength attained. Drill 13 1/2" hole to 2350'+. Run and cement 9 5/8" casing. Nipple up 5000 psi BOP stack and choke manifold. WOC until 500 psi compressive strength attained. Drill 8 1/2" hole to 11,950'. Run electric logs. Either run and cement 5 1/2" production casing or plug and abandon as per NMOCC rules and regulations.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7/31/90
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 Michael R. Burton Michael R. Burton TITLE District Drilling Engineer DATE 1-29-90

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use) ORIGINAL SIGNED BY
MIKE WILLIAMS
APPROVED BY _____ SUPERVISOR, DISTRICT II TITLE _____ DATE JAN 31 1990

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT
TIME OF WITNESS CEMENTING THE
9 5/8" CASING