

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2008
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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5A. Indicate Type of Lease
STATE ☐ FEDERAL ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Form or Lease Name Vernon Federal Com
2. Name of Operator Santa Fe Energy Company		9. Well No. ly
3. Address of Operator 500 West Ohio, Midland, TX 79701		10. Field and Pool, or Wildcat Carlsbad East
4. Location of Well UNIT LETTER J LOCATED 1930 FEET FROM THE East LINE AND 1980 FEET FROM THE South LINE OF SEC. 25 TWP. 21S RGE. 27E NMPM		12. County Eddy
19. Proposed Depth 12,200'		19A. Formation Morrow
20. Rotary or C.T. Rotary		
21. Elevation (show whether OF, RT, etc.) 3136' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor McVay
		22. Approx. Date Work will start July 20, 1984

23.

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"	54.5	1,000'		Surface
12 1/4"	8 5/8"	24 & 32.0	2,600'		Surface
7 7/8"	5 1/2"	20.0	12,200'		8,500'

Move on location and rig up rotary tools. Drill 17 1/2" hole to 1,000'+. Run and cement 13 3/8" casing. WOC till 500 psi compressive strength attained. Drill 12 1/4" hole to 2,600'+. Run and cement 8 5/8" casing. Nipple up 5000 psi BOP stack and choke manifold. WOC until 500 psi compressive strength attained. Drill 7 7/8" hole to 12,200'. Run electric logs. Either run and cement 5 1/2" production casing or plug and abandon as per NMOCC rules and regulations.

Post ID 1
7-27-84
APR 4 1984

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.

Signed Michael R. Burton Title Sr. Drilling Engineer Date 7/19/84

(This space for State Use)

APPROVED BY Michael R. Burton TITLE OIL AND GAS INSPECTOR DATE JUL 26 1984

CONDITIONS OF APPROVAL, IF ANY:

Location 35'