

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-101

Revised 10-1-78

30-615-25254

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SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease
STATE ☐ FEE ☒

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. Farm or Lease Name Dunn
2. Name of Operator Santa Fe Energy Company		9. Well No. 1
3. Address of Operator 500 W. Illinois, Midland, Texas 79701		10. Field and Pool, or Wildcat Undes. S. CarlsbadMorro
4. Location of Well UNIT LETTER D LOCATED 990 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 25 TWP. 22S RGE. 27E N14W		12. County Eddy
19. Proposed Depth 12,400		19A. Formation Morrow
20. Rotary or C.T. Rotary		
21. Elevations (show whether DR, RT, etc.) 3066.2	21A. Kind & Status Plug. Bond Blanket - Current	22. Approx. Date Work will start April 15

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"	48.0	200	210	Surface
12-1/4"	10-3/4"	45.5	2200	540	Surface
9-1/2"	7-5/8"	26.40 & 29.70	9200	410	7200
6-1/2"	5"	18.0	8900-12,400	580	8900

Move on location. Drill 17-1/2" hole to 200'. Run and cement 13-3/8" casing. WOC until 500 psi compressive strength obtained (Option 2). Nipple up annular preventor. Test preventor and casing to 600 psi. Drill 12-1/4" hole to 2200'. Run and cement 10-3/4" casing. WOC until 500 psi compressive strength obtained. Nipple up 5000 psi BOP stack and choke manifold. Test to 1500 psi. Test casing to 1500 psi. Drill 9-1/2" hole to 9200'. Log. Run and cement 7-5/8" casing. WOC until 500 psi compressive strength obtained. Test BOP and choke manifold to 5000 psi. Drill 6-1/2" hole to 12,400'. Log. Run drillstem test if appropriate. Either plug and abandon or run and cement 5" liner.

180 YS
10-16-85
HAY
H-17-85

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 2/14/85

Michael R. Burton
(This space for State Use)

APPROVED Mike Williams TITLE OIL AND GAS INSPECTOR DATE APR 16 1985

CONDITIONS OF APPROVAL, IF ANY: