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P. O. BOX 2088

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		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Rustler	
2. Name of Operator Santa Fe Energy Company		9. Well No. 1	
3. Address of Operator 500 W. Illinois, Midland, TX 79701		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>0</u> LOCATED <u>1650</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>8</u> TWP. <u>15S</u> RGE. <u>32E</u> NMPM		12. County Lea	
19. Proposed Depth 12,900'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether LH, RT, etc.) 4321.5	
21A. Kind & Status Plug. Band Blanket - current		21B. Drilling Contractor TBD	
22. Approx. Date Work will start December 5, 1984			

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	500'	500	Surface
12 1/4"	9 5/8"	40.0	4100'+	1300	Surface
7 7/8"	5 1/2"	20.0	12900'	500	9000'

Move on location and rig up. Drill 17 1/2" hole to 500'+. Run 13 3/8" casing and cement to surface with 500 sacks Class C neat containing 2% CaCl₂. WOC until 500 psi compressive strength attained. Nipple up annular preventer. Test casing to 600 psi for 30 minutes. Drill 12 1/4" hole to 4100'+ (50' into top of San Andres). Run and cement 9 5/8" casing with 1100 sacks lite cement followed by 200 sx C1 C neat containing 2% CaCl₂. WOC until 500 psi compressive strength obtained. Nipple up double ram BOP with hydril and choke manifold. Test to 5000 psi. Test casing to 2000 psi. Drill 7 7/8" hole to 12,900'. Run logs and DST's. Either run and cement 5 1/2" casing or plug and abandon as per NMOCC rules.

Permit Expires 6 Months From Approval
Date 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.

Signed Mike Burton Mike Burton Title Sr. Drilling Engineer Date 11-26-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE DEC 28 1984

CONDITIONS OF APPROVAL, IF ANY: