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30-015-25191

Form C-101
Revised 10-1-78

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 Skeen
2. Name of Operator Santa Fe Energy Company		9. Well No. 1
3. Address of Operator 500 W. Illinois, Suite 500, Midland, TX 79701		10. Field and Pool, or Wildcat Undes S. Carlsbad Morro
4. Location of Well UNIT LETTER K LOCATED 1750 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 28 TWP. 22S RGE. 27E NMPM		12. County Eddy
19. Proposed Depth 12,100'		19A. Formation Morrow
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, KT, etc.) 3130.0' GL	21A. Kind & Status Plug. Bond Blanket-Current	21B. Drilling Contractor TBD
22. Approx. Date Work will start as soon as possible		

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	2070'	540	Surface
9 1/2"	7 5/8"	26.40 & 29.70	8960'	410	6920'
6 1/2"	5"	18.0	8660-12,100'	580	8620

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 2070'. 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 8920'. Log. Run and cement 7 5/8" casing. WOC until 500 psi compressive strength is obtained. Test BOP and choke manifold to 5000 psi. Drill 6 1/2" hole to 12,100'. Log. Run drill stem test if appropriate. Either plug and abandon or run and cement 5" liner.

180
8-19-85

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 Michael R. Burton Title Sr. Drilling Engineer Date 2-15-85

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR

DATE

FEB 19 1985

CONDITIONS OF APPROVAL, IF ANY: