

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-015-26034
Form C-101
Revised 10-1-78

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OPERATOR	<input checked="" type="checkbox"/>

DEC 12 '88

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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name Mule Foot 5 State Com	
2. Name of Operator Santa Fe Energy Operating Partners, L.P.				9. Well No. 1	
3. Address of Operator 500 W. Illinois, Suite 500, Midland, TX 79701				10. Field and Pool, or Wildcat Undes. Baldridge Canyon	
4. Location of Well UNIT LETTER C LOCATED 1980 FEET FROM THE West LINE AND 990 FEET FROM THE North LINE OF SEC. 5 TWP. 24 RGE. 25 NMPM				12. County Eddy	
11. Elevations (show whether DF, RT, etc.) 3811' GL		19. Proposed Depth 11,200'		19A. Formation Morrow	
21A. Kind & Status Plug. Bond Blanket - Current		21B. Drilling Contractor Willbros		20. Rotary or C.T. Rotary	
23.				22. Approx. Date Work will start ASAP	

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	400'	420	Surface
12 1/4"	9 5/8"	40.0	3,200'±	1060	Surface
8 1/2"	7"	23.0	11,200'±	600	Above possible producing zones

Move on location and rig up drilling rig. Drill a 17 1/2" hole to 400'. Run 13 3/8" casing. Cement with 420 sacks of Class C with 2% CaCl₂. WOC. Cut off casing and nipple up hydril. Test casing to 600 psi for 30 minutes. Drill a 12 1/4" hole to 3200'± (top of Delaware). Run 9 5/8" casing. Cement with 860 sacks lite cement and 200 sacks Class C with 2% CaCl₂. Cut off casing and nipple up 5000 psi W.P. double ram preventer with hydril and rotating head. Test BOP system to 5000 psi. Test casing to 1500 psi. Drill an 8 1/2" hole to 11,200'. Run 7" casing. Cement with sufficient cement to cover possible producing zones by 500'.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6/12/89
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 PRODU-
TIVE 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 12-9-88

(This space for State Use)

Original Signed By
Mike Williams

APPROVED BY _____ TITLE _____ DATE DEC 12 1988

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 13 3/8" 9 5/8" casing