

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-025-30122  
Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 checked="" 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 N. H. 35
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 North Hume Wolfcamp
4. Location of Well UNIT LETTER 0 LOCATED 1980 FEET FROM THE West LINE AND 510 FEET FROM THE South LINE OF SEC. 35 TWP. 15S RGE. 33E NMPM		12. County Lea
19. Proposed Depth 11,200'		19A. Formation Wolfcamp
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, HT, etc.) 4146' GL	21A. Kind & Status Plug. Bond Blanket - current	21B. Drilling Contractor To be determined
22. Approx. Date Work will start ASAP		

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	450'	470 sx	Surface
12 1/4"	9 5/8"	40.0 & 43.5	4550'	2500 sx	Surface
7 7/8"	5 1/2"	17.0	11200'	500 sx	9000'

Move in rig and drill a 17 1/2" hole to 450'+. Run 13 3/8" casing and cement with sufficient Class C Neat cement containing 2% CaCl<sub>2</sub> to circulate to surface. Drill 12 1/4" hole to 4550'. Run 8 5/8" casing. Cement with sufficient 65/35 Class C Poz followed by 360 sx Class C Neat to circulate to surface. Drill 7 7/8" hole to 11200'. Run 5 1/2" casing. Cement with sufficient Class H cement containing 1.25% Flo-lock, 0.2% defoamer, and 2% KCl to cover possible producing intervals with 500' of cement.

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 10-23-87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

DATE

OCT 28 1987

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway

RECEIVED  
OCT 27 1987  
OCU  
HOBBES OFFICE