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SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Santa Fe

9. Well No.

1

10. Field and Pool, or Wildcat

E. Cross Roads

12. County

Lea

19. Proposed Depth

12,300

19A. Formation

Devonian

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

4019 DF est.

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

April 1, 1969

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well

OIL WELL ☒ GAS WELL ☐ OTHER ☐

SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Southwestern Natural Gas, Inc.

3. Address of Operator

900 Building of the Southwest Midland, Texas

4. Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE West LINE

AND 467' FEET FROM THE South LINE OF SEC. 19 TWP. 9-S RGE. 37-E NMPM

19. Proposed Depth

12,300

19A. Formation

Devonian

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

4019 DF est.

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Unknown

22. Approx. Date Work will start

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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 lb.	390	200	Red Bed *
11"	8 5/8"	24-32 lb.	4300	200	San Andres
7 7/8"	4 1/2"	13.5 lb.	12300	365	Devonian **

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 Marty J. Hunt Title Chief Geologist Date March 25, 1969

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

\* Circ

\*\* Cover Penn