30-015-25033

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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O. C. D.
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Form C-101
Revised 10-1-78

5A. Indicate Type of Lease STATE [ ] FEE [X]

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. Unit Agreement Name

8. Farm or Lease Name
Henry

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
S. Carlsbad Morrow

4. Location of Well UNIT LETTER D LOCATED 990 FEET FROM THE West LINE
AND 660 FEET FROM THE North LINE OF SEC. 26 TWP. 22S RGE. 27E NMPM

12. County
Eddy

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
12,200'	Morrow	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3096.0	Blanket	To be determined	October, 1984

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"	61.0	600'±	650±	Surface
12 1/4"	9 5/8"	36.0	5500'±	2600+	Surface
7 7/8"	5 1/2"	20.0	12000'±	850±	7800'±

Move on location and rig up rotary tools. Drill 17 1/2" hole to 600'±. Run and cement 13 3/8" casing. Wait on cement until 500 psi compressive strength obtained (Rule 2). Drill 12 1/4" hole to 5500'±. Run and cement 9 5/8" casing. Wait on cement until 500 psi compressive strength obtained (Rule 2). Drill 8 1/2" hole to 10,500'. Reduce hole size to 7 7/8" and drill to 12,200'. Run logs and/or drill stem tests. Either run and cement 5 1/2" production casing or plug and abandon as per NMOCC Rules & Regulations.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-2-85
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 Billie Hood Billie Hood Title Sr. Production Clerk Date 9-6-84

(This space for State Use)

APPROVED BY _____ TITLE Original Signed By Leslie A. Clements Supervisor District II DATE OCT 03 1984

CONDITIONS OF APPROVAL, IF ANY: