

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-101
Revised 10-1-78

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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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C. C. D.
ARTESIA OFFICE

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

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

2. Name of Operator
Santa Fe Energy Company

3. Address of Operator
500 W. Ohio, Midland, TX 79707

4. Location of Well
UNIT LETTER C LOCATED 990-1330 FEET FROM THE West LINE
AND 990 FEET FROM THE North LINE OF SEC. 27 TWP. 22S RGE. 27E NMDM

7. Unit Agreement Name

8. Farm or Lease Name
Weems

9. Well No.
1

10. Field and Pool, or Wildcat Under
South Carlsbad Morrow

17. County
Eddy

19. Proposed Depth
12,000'

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether Dr, Rt, etc.)
3108.4 G.L.

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
To be determined

22. Approx. Date Work will start
April 1, 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	550' +	650 +	Surface
12-1/4	9-5/8	36.0	5450' +	2600 +	Surface
7-7/8	5-1/2	20.0	12000' +	850 +	7800' +

Move on location and rig up rotary tools. Drill a 17-1/2" hole to 550' + and run and cement 13-3/8" casing back to surface. WOC as per rules & regulations. Drill a 12-1/4" hole to 5450' + and run and cement 9-5/8" casing back to surface. WOC as per rules and regulations. Drill a 7-7/8" hole to 12000' +. Run logs and/or drill stem tests in order to evaluate for hydrocarbon production. Either plug and abandon as per rules and regulations or run and cement 5-1/2" production casing. Bring cement up to 500' above any producible zones.

180 DAYS
10-2-84
CARRAWAY

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 Senior Drilling Engineer Date 2-23-84
Michael R. Burton
(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE APR 02 1984

CONDITIONS OF APPROVAL, IF ANY:

NSL-1796 1/1/84 2:51 PM

Post. A. P. 4-6-84