

30-015-2447

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NEW MEXICO OIL CONSERVATION COMMISSION

MAR 28 1983

O. C. D
ARTESIA OFFICE

Form O-101
Revised 1-1-83

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Walker
9. Well No. 1
10. Field and Pool, or Wildcat Unders. South Carlsbad Morrow
12. County Eddy

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Santa Fe Energy Company	
3. Address of Operator 7200 I-40 West, Bldg. C., Amarillo, Texas 79106	
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>990</u> FEET FROM THE <u>east</u> LINE AND <u>1980</u> FEET FROM THE <u>south</u> LINE OF SEC. <u>21</u> TWP. <u>22S</u> RGE. <u>27E</u> NMPM	
11. Proposed Depth 11,860'	
19A. Formation Morrow	
22. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) GL 3109	21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Unknown	
22. Approx. Date Work will start March 22, 1983	

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	600	375	Circulated
12 1/4"	9 5/8"	36	5325	900	Circulated
8 3/4"	5 1/2"	17	11,860	1350	5325'

Drill 26" hole with rathole machine. Run and cement 40' of 20" conductor. Move in and rig up rotary tools. Drill 17 1/2" hole to 600' with fresh water spud mud. Run, set, and cement 13 3/8" casing. WOC 12 hours (compressive strength of cement to be 500 psi or greater). Install casinghead and nipple up BOP stack with choke manifold. Test BOP & casing to 600 psi. Drill 12 1/4" hole to 5325' with brine. Run open hole logs from TD to 2000'. Run, set and cement 9 5/8" casing. WOC 12 hours (compressive strength of cement to be 500 psi or greater). Test BOP and choke manifold to 5000 psi. Test spherical preventer to 2500 psi. Test casing to 2500 psi. Drill shoe and test casing seat to 14 ppg MWE. Drill 8 3/4" hole to 11,860' allowing hole conditions to dictate mud properties. Run DST's and core as indicated by samples and shows. Run open hole logs from TD to 5325'. Run, set and cement 5 1/2" casing. Gas is not designated.

180 DAYS
9/24/83
LUNA

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. Banton Title Senior Drilling Engineer Date February 16, 1983

(This space for State Use)

APPROVED BY Walter W. Walker TITLE OIL AND GAS INSPECTOR DATE MAR 29 1983
CONDITIONS OF APPROVAL, IF ANY:

Rated 2 p.p.
100 to 1000
1-53