

30-025-27567

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
State NM "11"	
9. Well No.	
2	
10. Field and Pool, or Wildcat	
Undesignated	
12. County	
Lea	
19. Proposed Depth	19A. Formation
12,600	Morrow
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	22. Approx. Date Work will start
4281.9' GL	Oct. 7, 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator	
Santa Fe Energy Company	
3. Address of Operator	
7200 I-40 West Amarillo, TX 79106	
4. Location of Well	
UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE	
AND 660 FEET FROM THE West LINE OF SEC. 11 TWP. 15-S RGE. 32-E NMPM	
21. Elevations (Show whether DF, RT, etc.)	
4281.9' GL	
21A. Kind & Status Plug. Bond	
Blanket/Current	
21B. Drilling Contractor	
Landis Drilling Co.	

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"	54.5#	400'	450 sx	Circ
11"	8 5/8"	28.0#	4400'	Est. 950 sx	*300' from surface
7 7/8"	5 1/2"	17# & 20#	12,600 est	Est. 950 sx	Est. 9000'

1. Drill a 17 1/2" hole to 400' and set 13 3/8" casing, circulating cement to the surface. WOC 10-12 hours. Nipple up BOPs and test to their full working pressure.
2. Drill an 11" hole to 4400' (50' into the San Andres formation). Run and cement 8 5/8" casing. Estimate cement top at 300' from the surface. Nipple up BOPs and pressure test to their full working pressure.
3. Drill a 7 7/8" hole to TD with sufficient mud weight to control formation pressures.
4. Either run and cement 5 1/2" production casing or plug and abandon as directed by the New Mexico Oil Conservation Commission.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3/12/82
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 Sammy H. Morgan Title Drilling Engineer Date September 17, 1981

(This space for State Use)

Orig. Signed by

Les Clements

APPROVED BY Oil & Gas Insp. TITLE Oil & Gas Insp. DATE SEP 21 1981

CONDITIONS OF APPROVAL, IF ANY:

* CONFIRM CMC TOP BY 1500 SURVEY CIRCLE