

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

20748  
30-031-0748

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Carrica	
2. Name of Operator Santa Fe Energy Company		9. Well No. 1	
3. Address of Operator 7200 I-40 West, Amarillo, TX 79106		10. Field and Pool, or Wildcat Wildcat Dakota	
4. Location of Well UNIT LETTER M LOCATED 910 FEET FROM THE south LINE AND 885 FEET FROM THE west LINE OF SEC. 10 TWP. 17-N RGE. 7-W NMPM		12. County McKinley	
19. Proposed Depth 3400'		19A. Formation Dakota	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 6713' GL	
21A. Kind & Status Plug. Bond Blanket/Current		21B. Drilling Contractor Undecided	
22. Approx. Date Work will start Dec. 1, 1981			

### 23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24 lb.	200'	150	Circulate
7 7/8	5 1/2	15.5 lb.	3400'	200	2000'

1. Drill a 12 1/4" hole to 200' and run 8 5/8" casing. Cement circulating cement to the surface. WOC 10-12 hrs. Nipple up BOPs and test to their full working pressure.
2. Drill a 7 7/8" hole to TD with sufficient mud weight to control formation pressures.
3. Run open hole logs.
4. Depending on log evaluation either run and cement 5 1/2" production casing or plug and abandon hole as directed by the New Mexico Oil Conservation Commission.

FOR 10 1/2 HRS.  
DRILLING COMMENCED

EXPIRES 5-5-82

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 B. Morgan Title Drilling Engineer Date November 2, 1981

(This space for State Use)

APPROVED BY Frank T. Chang TITLE SUPERVISOR DISTRICT # 2 DATE NOV 5 - 1981

CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

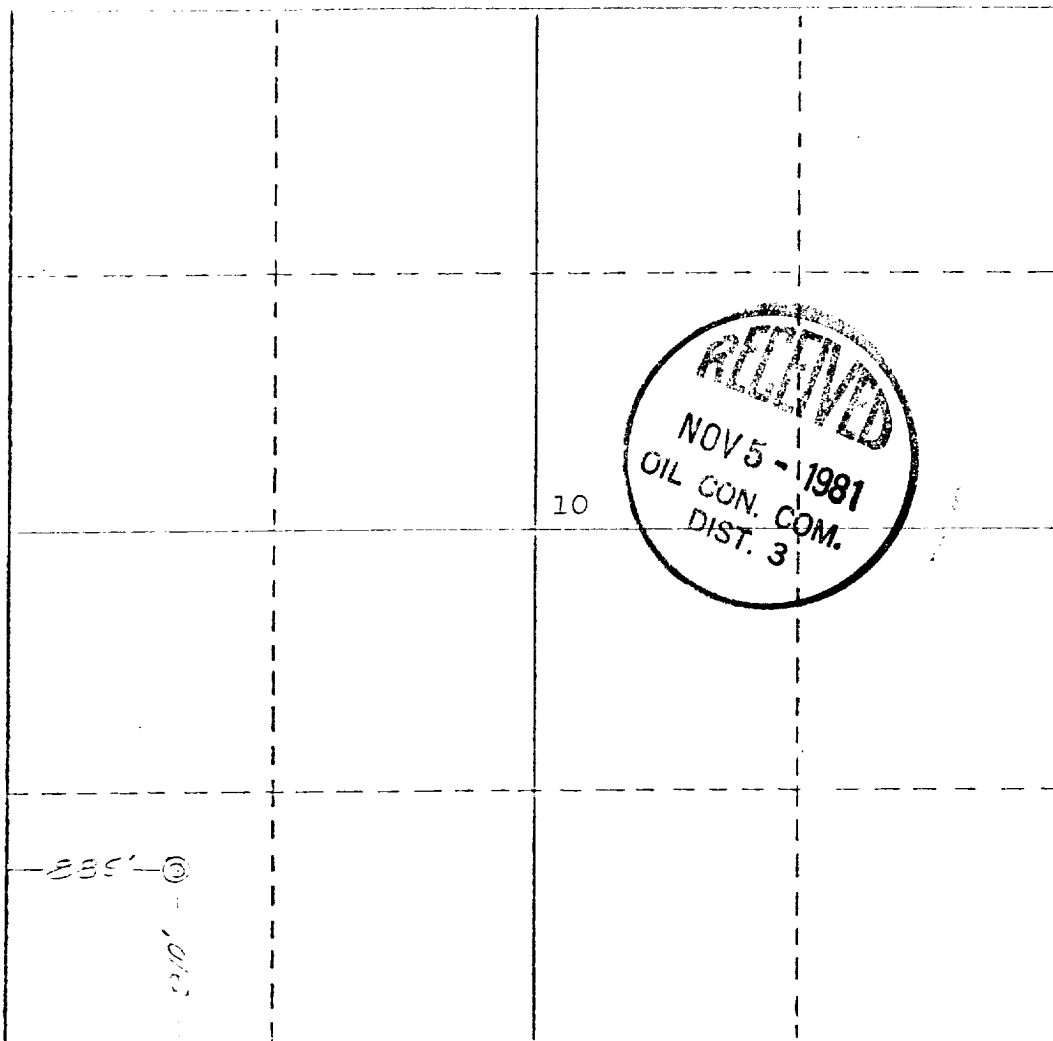
Operator <b>SANTA FE ENERGY COMPANY</b>			Lease <b>CARRICA</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>10</b>	Township <b>17 NORTH</b>	Range <b>7 WEST</b>	County <b>MCKINLEY</b>	
Actual Footage Location of Well:					
<b>910</b> feet from the <b>SOUTH</b>		line and <b>885</b>	feet from the <b>WEST</b>		line
Ground Level Elev. <b>6713</b>	Producing Formation		Pool	Dedicated Acreage:	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division:

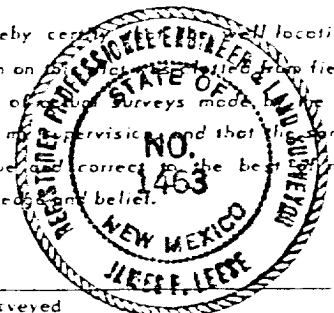


#### CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Sammy N. Morgan*  
Name  
Sammy N. Morgan  
Position  
Drilling Engineer  
Company  
Santa Fe Energy Company  
Date  
November 2, 1981

I hereby certify that the location shown on this plat is true and correct to the best of my knowledge and belief.



Date Surveyed  
July 8, 1981  
Registered Professional Engineer and/or Land Surveyor  
*James P. Leese*  
James P. Leese  
Certificate No.  
1463