

30-031-20757

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## NEW MEXICO OIL CONSERVATION COMMISSION

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 Fajada East	
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 Entrada	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>907</u> FEET FROM THE <u>north</u> LINE AND <u>456</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>3</u> TWP. <u>20-N</u> RGE. <u>10-W</u> NMPM				12. County McKinley	
19. Proposed Depth 5100'				19A. Formation Entra	
20. Rotary or C.T. Rotary				21. Elevations (Show whether DF, RT, etc.) 6285 GL	
21A. Kind & Status Plug. Bond Blanket/Current		21B. Drilling Contractor Four Corners Drilling Co.		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'	<del>200</del>	<del>2000'</del>

Sufficient to  
cover Normal

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.

APPROVAL VALID  
 FOR 90 DAYS UNLESS  
 DRILLING COMMENCED,

EXPIRES 5-19-81

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 November 17, 1981

(This space for State Use)

APPROVED BY Frank J. O'Neil TITLE SUPERVISOR DISTRICT # 3 DATE NOV 17 1981

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

STATE OF NEW MEXICO

OIL AND MINERALS DEPARTMENT

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

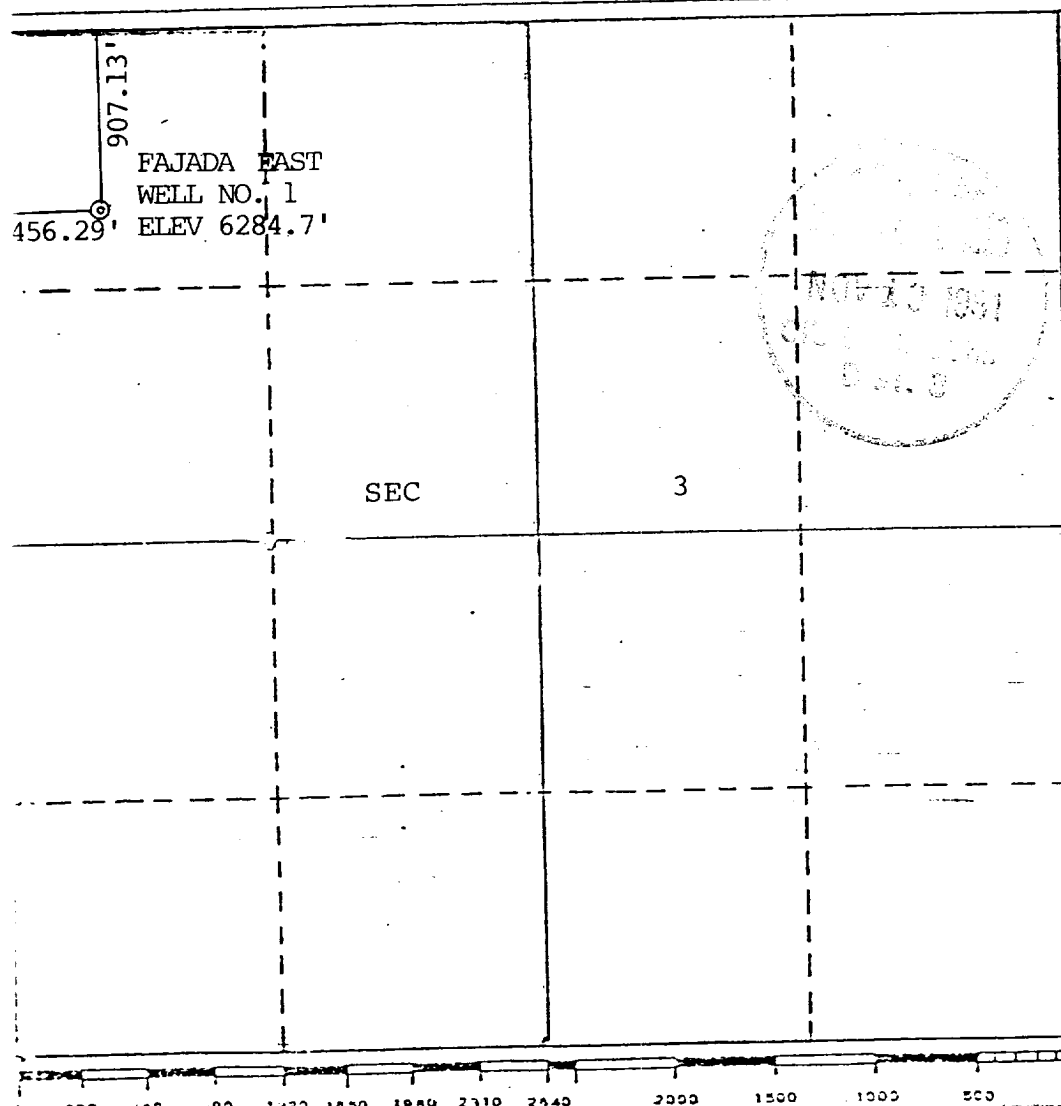
Operator <b>Santa Fe Energy Company</b>			Lease <b>Fajada East</b>		Well No. <b>1</b>
Section Letter <b>D</b>	Section <b>3</b>	Township <b>20N</b>	Range <b>10W</b>	County <b>McKinley</b>	
Actual Footage Location of Well: <b>907.13</b> feet from the <b>North</b> line and <b>456.29</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6284.7'</b>	Producing Formation <b>Entrada</b>		Pool <b>WC</b>	Dedicated Acreage: <b>40</b> Acres	

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 Commission.



## 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 13, 1981

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

20 NOV 1981  
Reg. Prof. and Engr.  
and Land Surveyor

*Melvin F. Baptista*  
Melvin F. Baptista

Certification

NM 7437