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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"/>		8. Farm or Lease Name BBS Ranch 2	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		9. Well No. 1	
2. Name of Operator Santa Fe Energy Company		10. Field and Pool, or Wildcat Wildcat <i>Entrada</i>	
3. Address of Operator 7200 I-40 West, Amarillo, TX 79106		11. County McKinley	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>2</u> TWP. <u>17N</u> RGE. <u>8W</u> NMPM		12. County McKinley	
19. Proposed Depth 4250'		19A. Formation Entrada	
20. Rotary or C.T. rotary		21. Elevations (Show whether DF, RT, etc.) 6815' GL	
21A. Kind & Status Plug. Bond statewide		21B. Drilling Contractor Kenai Drilling Company	
22. Approx. Date Work will start Dec. 25, 1980			

## 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"	24.0#	250'	250	surface
7 7/8"	5 1/2"	15.5#	TD	300	1500'

It is proposed to use rotary tools to drill to and test the Entrada formation while using a water based mud as the circulating medium. If any possible production intervals are found, either by DSTs or open hole logs, 5 1/2" casing will be run and cemented in such a manner so as to protect the Dakota and Gallup formations.

### Estimated tops:

Point Lookout	600'	Morrison	3000'
Gallup 'A'	1750'	Entrada	4000'
Dakota 'A'	27,000'		

Blow out preventer diagram is attached on other page.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 2-4-88



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 RE Stauffer Title Drilling Superintendent Date October 24, 1980

(This space for State Use)

APPROVED BY Frank S. Long TITLE SUPERVISOR DISTRICT # 3 DATE OCT 27 1980

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Revised 10-1-78

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

Operator <b>SANTA FE ENERGY</b>			Lease <b>BBS RANCH 2</b>		Well No. <b>1</b>
Unit Letter <b>G</b>	Section <b>2</b>	Township <b>17N</b>	Range <b>8W</b>	County <b>McKinley</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6815</b>	Producing Formation <i>Entrada</i>		Pool <i>Wildcat</i>		Dedicated Acreage:  Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

		1980'
		1980'
2		

Scale: 1"=1000'

## CERTIFICATION

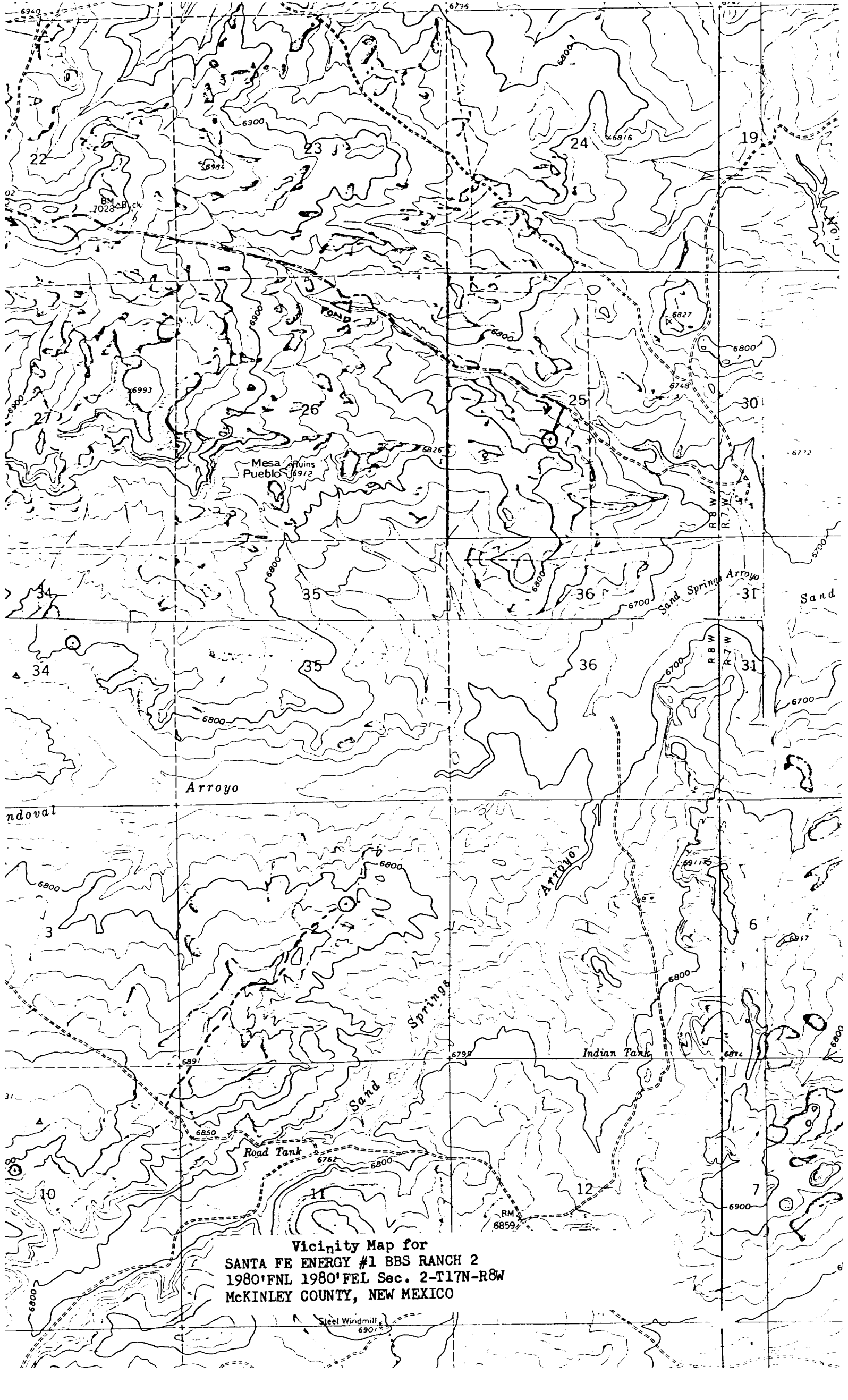
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Sammy N. Morgan

Name *Sammy N. Morgan*  
 Position **Drilling Engineer**  
 Company **Santa Fe Energy Company**  
 Date **October 21, 1980**

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 **October 12, 1980**  
 Registered Professional Engineer and Land Surveyor  
*Fred B. Kerr Jr.*  
 Certificate No. **3950** **F. B. KERR, JR.**



Vicinity Map for  
SANTA FE ENERGY #1 BBS RANCH 2  
1980'FNL 1980'FEL Sec. 2-T17N-R8W  
MCKINLEY COUNTY, NEW MEXICO

Blowout Preventer  
Diagram

PLAN VIEW - CHOKE MANIFOLD

