

*Correction HPL # 1 County*  
*1st reported MCK County this API → 30-031-20760*  
*Correction to SD County this API → 30-045-25280*  
NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-100  
Revised 1-4-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Gallo	
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 <i>Entrada</i>	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>990</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>18</u> TWP. <u>21-N</u> RGE. <u>9-W</u> NMPM		12. County <i>San Juan</i> McKinley	
19. Proposed Depth 5600'		19A. Formation Entra	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6345' GL	21A. Kind & Status Plug. Bond Blanket/Current	21B. Drilling Contractor Four Corners Drilling Co.	22. Approx. Date Work will start Dec. 15, 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'
<i>Cover Hole</i>					

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 30 DAYS UNLESS  
DRILLING COMMENCED,

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE LOCATION OF 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 G. Morgan* Title Drilling Engineer Date November 17, 1981

(This space for State Use)

APPROVED BY *Frank T. Chazy* TITLE SUPERVISOR DISTRICT # 3 DATE NOV 23 1981

CONDITIONS OF APPROVAL, IF ANY: