

30-025-26190

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65*Reschmitt d*

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG - 3333	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		State "17"	
2. Name of Operator		9. Well No.	
Southern Union Exploration Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
1800 First International Building, Dallas, Texas 75270		Austin (Miss)	
4. Location of Well		12. County	
UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE		Lea	
AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>17</u> TWP. <u>14S</u> RGE. <u>36E</u> NMPM			
21. Elevations (Show whether DF, RT, etc.)		19. Proposed Depth	
<u>3962.0 G.C.</u>		<u>13500'</u>	
21A. Kind & Status Plug. Bond		19A. Formation	
Blanket		Mississippian	
21B. Drilling Contractor		20. Rotary or C.T.	
Not contracted		Rotary	
		22. Approx. Date Work will start	
		<u>3/1/79</u>	

23.

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"	48#	370'	450	Circ.
11"	8-5/8"	24 & 32#	4680'	1000	Circ.
7-7/8"	5-1/2"	17#	13500'	1500	8000'

This is a Mississippian completion attempt at the proposed depth of 13,500'. We propose to set 370 feet of 13-3/8" casing and cement it to the surface, 4680 feet of 8-5/8" intermediate casing cemented to the surface, and, in the event commercial production is found, 5-1/2" casing will be set and cemented with 1500 sacks of cement. Once 13-3/8" casing is run, a blowout preventor consisting of blind rams, pipe rams and hydrill type preventor will be installed and tested to 1000 psi for 30 minutes. When 8-5/8" casing is set, the casing and BOP will be tested to 1500 psi for 30 minutes. The BOP will be tested to 5000 psi at about 10,000 feet. A PVT, flow sensor and pump stroke counter will be used.

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 Ronald R. Smith Title Drilling & Production Engineer Date April 15, 1980

(This space for State Use)

APPROVED BY John W. Kuyper TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Geologist

APR 21 1980