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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 Shell Groebli et al	
2. Name of Operator Southern Union Exploration Company		9. Well No. 1	
3. Address of Operator Suite 1800 1st International Bldg., Dallas, TX 75270		10. Field and Pool, or Wildcat Flying "M" San Andres	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>1840</u> FEET FROM THE <u>East</u> LINE AND <u>520</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>30</u> TWP. <u>9-S</u> RGE. <u>33E</u> NMPM		12. County Lea	
19. Proposed Depth 4600		19A. Formation San Andres	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) G.L. 4367.2	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor LaRue	22. Approx. Date Work will start 1/15/79

### 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#	500	300	Circulate.
7 7/8	4 1/2	9.5#	4600	200	3400

B.O.P. equipment will be used in accordance with New Mexico State rules and will be adequate for the area.

See attached bop sketch.

**\*\*\*Cement on the production casing must be brought from the top of the salt or anhydrite to the surface casing. You can do this by either circulating the production casing with cement, or a DV tool at the top of the salt.**

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES April 16, 1979

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 D. Santz Title Drilling & Producing Engineer Date January 4, 1979

(This space for State Use)

APPROVED BY John W. Ramsey TITLE Geologist DATE JAN 16 1979  
CONDITIONS OF APPROVAL, IF ANY: