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5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
OG-454

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☐ DEEPEN ☐ PLUG BACK ☒		7. Well Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Name of Lessee Name Supco State
2. Name of Operator Southern Union Exploration Company		9. Well No. 2
3. Address of Operator 1217 Main Street, Suite 400, Dallas, Texas 75202		10. Field and Pool, or wildcat N. Vacuum Abo Pool
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>17</u> TWP. <u>17S</u> R. <u>34E</u> NMPL		12. County Lea
19. Proposed Depth 13,080'		19A. Formation Abo
20. History or C.T. NA		21. Elevation (Show whether DT, RT, etc.) 4086' GL
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor NA
22. Approx. Date Work will start 2/14/85		

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	353'	400	Circ.
11"	8 5/8"	24 & 28	4746'	1900	Circ.
7 7/8"	5 1/2"		13,550'	1200	--

Set CIBP @ 13,100' and dump 2 sks. cement on top.

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 David W. Leaven Title Drilling & Production Engineer Date 2/26/85

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE MAR - 1 1985

CONDITIONS OF APPROVAL, IF ANY:

Production from this well will not be authorized until approval is obtained for the unorthodox location in the North Vacuum Abo Pool.