

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
E-1085

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
OIL WELL ☐ GAS WELL ☒ OTHER ☐
DRILL ☐ DEEPEN ☐ PLUG BACK ☒
SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Name of Lessee Name
Gallagher "8" State

9. Well No.
3

2. Name of Operator
Southern Union Exploration Company

3. Address of Operator
1217 Main Street, Suite 400, Dallas, Texas 75202

10. Field and Pool, or Wildcat
North Vacuum

4. Location of Well
UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE
AND 1980 FEET FROM THE East LINE OF SEC. 8 TWP. 17S RGE. 34E NMPH

12. County
Lea

19. Proposed Depth
9480'

19A. Formation
Abo

20. History or C.T.
N/A

21. Elevations (Show whether D.P., H.T., etc.)
4095.5' GL

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
N/A

22. Approx. Date Work will start
3/19/85

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 ppf	358	400	Surf.
12 1/4"	8 5/8"	24 & 32 ppf	4755	2100	Surf.
7 7/8"	5 1/2"	17 ppf	15,535	1000	

Set CIBP @ 9500' 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. Stevens Title Drilling & Production Engineer Date 3/19/85

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JIMMY FEXTON TITLE DISTRICT SUPERVISOR DATE MAR 22 1985

CONDITIONS OF APPROVAL, IF ANY: Production in the North Vacuum Abo Pool will not be authorized until the unorthodox location has been approved.