

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☐ OTHER **Gas Storage** SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Southern Union Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 808, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface **625 FT. FROM THE NORTH LINE & 1420 FT. FROM THE WEST LINE.**
 At proposed prod. zone **SAME AS ABOVE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles East of San Ysidro, New Mexico

10. DISTANCE FROM PROPOSED*
 LOCATION TO NEAREST
 PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any)
LEASE LINE 1220 FEET

16. NO. OF ACRES IN LEASE
1600

17. NO. OF ACRES ASSIGNED
 TO THIS WELL
NOT APPLICABLE

18. DISTANCE FROM PROPOSED LOCATION*
 TO NEAREST WELL, DRILLING, COMPLETED,
 OR APPLIED FOR, ON THIS LEASE, FT.
APPROX. 1800 FT. 2425

19. PROPOSED DEPTH
2425

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5722 Meters On.

22. APPROX. DATE WORK WILL START*
12/1/73

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	26.04	425 FT.	300 BAGS
7-7/8"	5-1/2"	15.90	2425 FT.	700 CUBIC FEET

1. WE PROPOSE TO DRILL A 7-7/8" HOLE TO A TOTAL DEPTH OF APPROX. 2425 FEET.
2. RUN 5-1/2", 15.90#, K-55 CASING TO TOTAL DEPTH WITH A STAKE COLLAR SET AT APPROX. 1220 FEET.
3. CEMENT 1ST STAGE WITH APPROX. 400 CUBIC FEET AND 2ND STAGE WITH APPROX. 300 CUBIC FEET.
4. THE AQUA ZONE WILL BE PERFORATED AND EVALUATED FOR POSSIBLE GAS STORAGE.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. ORIGINAL SIGNED BY
B. R. VANDERSLICE
 SIGNED **B. R. VANDERSLICE** TITLE **Area Superintendent** DATE **November 12, 1973**
 (This space for Federal or State office use)

PERMIT NO. **30-043-20137** APPROVAL DATE **NOV 13 1973**
 APPROVED BY **[Signature]** TITLE **[Signature]**
 CONDITIONS OF APPROVAL, IF ANY: