

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

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Southern Union Production Company

3. ADDRESS OF OPERATOR

Suite 1700 Campbell Centre

8350 North Central Expressway, Dallas, Texas 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980' from South Line and 990' From East line of
Section 6, Township 22 South, Range 34 East
At proposed prod. zone
Devonian 15,000'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 20 miles West of Eunice or 28 miles S.W. of Hobbs, New Mex.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

16. NO. OF ACRES IN LEASE

1078.30

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

15,000

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

3613. G.L.

22. APPROX. DATE WORK WILL START*

December 1, 1973

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
22	16	65#	400	650 sx
13-3/4"	10-3/4"	40.5 - 51#	5,800	2,140 sx
9-7/8"	7-5/8"	26.4 - 39#	12,300	350 sx
6-3/4"	5-1/2"	20#	14,000	284 sx
4-5/8"	3-1/2"	9.8#/ft	15,000	100 sx
2-7/8" tbg set @ 14,500 ft.				

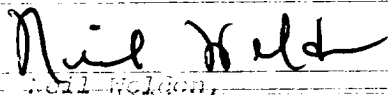
We propose to test the Devonian sand located @ approx 14,625'. We will have blind pipe and Hydril type preventors capable of containing any anticipated surface pressures. Our plan is:

- Drill and set 400' of 16" csg, cementing w/850 sx cmt
- Drill and set 5,800 ft of 10-3/4" csg, cementing w/2,140 sx
- Drill and set 12,300' protection csg, cementing w/350 sx
- Drill and set 2,200' of 5-1/2" csg line to 14,000', cementing w/284 sx cmt.
- Drill and set 1,500' of 3-1/2" csg liner to 15,000', cementing w/100 sx cmt.
- Set single or dual packer on tubing, depending on reservoir conditions, perforate-test and stimulate as required.

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.

SIGNED



TITLE

Mgr., Drilling and Production

11/14/73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

1970

CHURCH OF THE HOLY TRINITY

NEW YORK, N.Y.