

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEP 18 1973

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

Dallas, Texas 75206

Suite 1700 Campbell Centre, 8350 North Central Expressway

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

At surface 2310' From North Line 990' From East Line

At proposed prod. zone

Same

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

12 miles West of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

330

16. NO. OF ACRES IN LEASE

320

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

11,300'

20. ROTARY OR CABLE TOOLS

Rotary

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

Ground Level 3878'

22. APPROX. DATE WORK WILL START*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Unknown	13-3/8	Unknown	355	350 sx
Unknown	8-5/8	Unknown	3,506	1,250 sx
7-7/8"	4-1/2"	10.5# & 11.6#	11,250'	300

We propose to re-enter this dry hole drilled by Getty Oil Company to 8020 ft, which Getty plugged 1/28/86. We propose to test the Morrow around 11,050'. We will have blind pipe and annular blow-out preventors capable of containing any surface pressure. We do not plan to deviate the hole.

- Mud fill cement plugs and new formation to T.D.
- Set 4-1/2" casing and cement w/approx 300 sx cement.
- Set 2-3/8" O.D. tubing and packer at approx. 11,000'.
- Acidize Morrow thru tubing.

The New Mexico Conservation Commission approved this unorthodox location with ORDER No. R-4618 issued August 23, 1973.

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 & Prod.

DATE August 24, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

SEP 17 1973

RECEIVED

AUG 31 1973

APPROVED BY

TITLE

DISTRICT ENGINEER

CONDITIONS OF APPROVAL, IF ANY:

J. S. GEOLOGICAL SURVEY
ARTEZIA, NEW MEXICO

APPROVAL IS REQUIRED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.