

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Conoco Inc.

3a. Area Code & Phone No.

(915) 686-6548

3. ADDRESS OF OPERATOR

10 Desta Drive West, Midland, TX 79705

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

1980' FNL & 1980' FEL
At proposed prod. zone

Unit 2

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

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

4400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 4024'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

| HOLE SIZE | CASING SIZE | WEIGHT/FOOT | GRADE | THREAD TYPE | SETTING DEPTH | QUANTITY OF CEMENT |
|-----------|-------------|-------------|-------|-------------|---------------|--------------------|
| NA | 8 5/8" | 32# | NA | NA | 27' | 10 SX |
| NA | 5 1/2" | 14# | J-55 | ST & C | 3902' | 100 SX |
| 6" | 4" | 9.5# | J-55 | Flush joint | 4400' | To be determined |

It is proposed to clean out, deepen into the San Andres 7th zone, run a liner, and stimulate this well by the following procedure:

1. Clean out well and jet wash open hole section to TD (4200').
2. Deepen to 4400' with 4 3/4" bit and under-ream to a 6" hole.
3. Run Gamma Ray-Neutron-Caliper log across open hole section.
4. Run 4" flush joint liner to surface and circulate cement. Cement volume to be determined after caliper log run.
5. Perforate Grayburg 6th and San Andres 7th zones. Intervals to be picked from Gamma Ray-Neutron log.
6. Acidize perforated intervals with 1 bbl acid per foot of interval.
7. Frac with 95,000 lbs. 16-30 sand.
8. Return to production.

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.

SIGNED Jerry W. Hoover TITLE Regulatory Coordinator

DATE 10/16/90

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE 10-19-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side