

AMOCG COPY

SUBMIT IN _____ LICATION*
(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

SING
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Cities Service Company

3. ADDRESS OF OPERATOR

P. O. Box 1919, Midland, Texas 79702

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

At surface 1980' from North line & 1650' from East line of Sec. 12,

T-21S, R-21E, Eddy County, New Mexico.

At proposed prod. zone
Same as above

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

Approximately 31 miles West of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660' South

16. NO. OF ACRES IN LEASE

1519.84

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

8270'

20. ROTARY OR CABLE TOOLS

Rotary

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

4454.7' GR

22. APPROX. DATE WORK WILL START*

October 1, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|------------------------------|
| 17" | 13-3/8" | 48# | 40' | 3 yds. Redi-Mix (circulated) |
| 11" | 8-5/8" | 24# | 1800' | 1000 sacks (Circulated) |
| 7-7/8" | 5-1/2" | 15.5 & 17 | 8270' | 1000 sacks (TC @ 5500') |

It is proposed to drill this well to a T.D. of 8270'. The blow out prevention program is as follows:

1. One set of blind rams.
2. One set of drill pipe rams.
3. One Hydril.
4. One rotating head.

The acreage assigned to this well is not dedicated to any gas purchaser

RECEIVED
AUG 15 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

E. Spindler

TITLE

Region Operations Manager

DATE

August 10, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

COMMISSIONER OF LAND MINES & WATER

TITLE

DATE

ADDITIONAL
SEP 6 - 1977
X *[Signature]*
R. L. BECKMAN
ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 6 - 1977
See Instructions On Reverse Side

DECLARED WATER BASIN
13 3/4

CEMENT BEHIND THE
CASING MUST BE CIRCULATED
8 3/4

NOTIFY HERE IN SUFFICIENT TIME TO
CEMENTING THE CASING
8 3/4