

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

Cities Service Oil Company

3. ADDRESS OF OPERATOR

Box 4906 - Midland, Texas 79701

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

At surface

660' FSL & 1980' FWL of Sec.22-T20S-R28E, Eddy Co., N.M. Mex.

At proposed prod. zone

Same as above

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

Approx. 9-1/2 miles NE of Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 660' South

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

11,600'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3236 GR.

22. APPROX. DATE WORK WILL START*

January 15, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13-3/8"	48#	385'	400 sacks (circulated)
12-1/4"	9-5/8"	32.3 & 36#	2950'	2000 sacks (circulated)
8-3/4"	5-1/2"	17 & 20#	11600'	950 sacks

It is proposed to drill to a T.D. of 11,600' and test the Morrow Formation.

The blowout 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.

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. J. J. J.

TITLE

Region Oper. Mgr.

DATE

December 18, 1973

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973

TITLE

Subject to C.A.
prior to productionDECLARED WATER BASIN
1326CEMENT BEHIND THE
CASING MUST BE CIRCULATED
926APPROVED
JAN - 9 1974R. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RECEIVED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
APR - 9 1974

*See Instructions On Reverse Side

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.