

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 ☐RECEIVED
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Cities Service Oil Company

FEB 12 1975

3. ADDRESS OF OPERATOR

Box 1919 - Midland, Texas 79701

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

At surface

ARTESIA, OFFICE

1980' FSL & 660' FEL of Sec. 10-T20S-R28E, Eddy Co., New Mexico

At proposed prod. zone

Same as above

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

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

10. DISTANCE FROM PROPOSED*

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

1980' S

16. NO. OF ACRES IN LEASE

960 acres

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 acres

18. DISTANCE FROM PROPOSED LOCATION*

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

2640' E

19. PROPOSED DEPTH

11,600'

20. ROTARY OR CABLE TOOLS

Rotary

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

3265' GR

22. APPROX. DATE WORK WILL START*

March 1, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	600'	1000 sacks (Circulated)
12-1/4"	9-5/8"	32 & 36#	3000'	1000 sacks (Circulated)
8-3/4"	5-1/2"	17 & 20#	11600'	800 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.

RECEIVED
JAN 21 1975
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 prevention program, if any.

24.

ORIGINAL SIGNED
BY E. Y. WILDER

SIGNED

TITLE Region Operation Manager

DATE January 27, 1975

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL
APPROVAL DATE JUN 22 1973
REQUIREMENTS DATED
TITLEDECLARED WATER BASIN
13 3/4'CEMENT BEHIND THE
CASING MUST BE CIRCULATED
DATE 2 3/8'NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING
9 1/8'APPROVED
FEB 11 1975
H. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAY 11 1975
See Instructions On Reverse Side