

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21432

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 ✓

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3. ADDRESS OF OPERATOR

Box 1919 - Midland, Texas 79701

DEC 4 1974

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

At surface

660' FSL & 1980' FWL of Sec. 15-T20S-R28E, Bldg. Co., New Mexico

At proposed prod. zone

ARTESIA, OFFICE

Same as above

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

Approx. 15-1/2 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)

660' S

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED

320

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

11,600'

20. ROTARY OR CABLE TOOLS

Rotary

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

3241' GR

22. APPROX. DATE WORK WILL START*

Jan. 15, 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'	450 sacks (Circulated)
12-1/4"	9-5/8"	32 & 36#	3000'	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 prevention program, if any.

24.

SIGNED

E. J. Spiller

TITLE

Region Operation Manager

DATE

November 25, 1974

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JAN 2, 1975

TITLE

DECLARED WATER BASE

CEMENT BEHIND THE

CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASINGAPPROVED
DEC 3 - 1974
H. L. BECKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES - MAR 3 - 1975 See Instructions On Reverse Side

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NOV 27 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO