

N. M. O. C. C. COPY

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Form 9-331 C
(May 1963)SUBMIT IN TRIPLICATE*
(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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Cities Service Oil Company

3. ADDRESS OF OPERATOR

Box 4906 - Midland, Texas 79701

AUG 13 1973

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

At surface

660' FNL & 1980' FWL Sec. 28-T21S-R27E D. C. C.

At proposed prod. zone

Eddy County, New Mexico.

ARTESIA, OR

Same as above

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

Approx. 2 miles NE of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

660' N

16. NO. OF ACRES IN LEASE

320

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

11,800

20. ROTARY OR CABLE TOOLS

Rotary

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

3211' GR

22. APPROX. DATE WORK WILL START*

August 20, 1973

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	450'	375 Sacks (Circulate)
14-3/4"	10-3/4"	32.75, 40.5&45.5#	3100'	1700 Sacks (Circulate)
7-7/8"	5-1/2"	17 & 20#	11800'	1000 Sacks

It is proposed to drill to a T.D. of 11,800' and test the Morrow formation.

The blowout prevention program is as follows:

1. One set blind rams.
2. One set drill pipe rams.
3. One Hydrill.
4. One Rotating Head.

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U.S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug b. zone. If proposal is to drill or deepen directionally, give pertinent data on subs. preventer program, if any.

Give data on present productive zone and proposed new productive locations and measured and true vertical depths. Give blowout

24.

SIGNED

E. J. Judd

TITLE Region Oper. Mgr.

DATE July 19, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AUG 9 1973

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

AUG 9 1973

CONDITIONS OF APPROVAL, IF ANY:

Attached "Deep Well Control" Requirements dated 6-22-73

NOTIFY USGS IN SUFFICIENT TIME TO
10/4 CASING

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.