

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

1980' FNL, 660' FEL of Section 3-20S-28E, B. C. C.

Eddy County, New Mexico

At proposed prod. zone

Same as above

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

Approx. 11 miles Northeast of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

660' East

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

480

19. PROPOSED DEPTH

11,275'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3280.5' GR

22. APPROX. DATE WORK WILL START*

August 15, 1973

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#	350'	Circulate
12-1/4"	9-5/8"	36#	3290'	Circulate
8-3/4"	5-1/2"	17# & 20#	11275'	400 Sacks

It is proposed to drill to a total depth of 11,275' to 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 Hydrill.
4. One rotating head.

RECEIVED

AUG 10 1973

U. S. GEOLOGICAL SURVEY
ARTESIA, 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
prevention program, if any.

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

SIGNED

E. J. ...

TITLE Region Oper. Mgr.

DATE August 9, 1973

(This space for Federal or State office use)

APPROVED

AUG 22 1973

R. L. BECKMAN
ACTING DISTRICT ENGINEER

THIS APPROVAL IS REVOIDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES NOV 22 1973

Subject to compliance with well control
requirements dated 6-22-73 attached

*See Instructions On Reverse Side