

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 ✓

RECEIVED

3. ADDRESS OF OPERATOR

Box 4906 - Midland, Texas 79701

NOV 13 1973

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

At surface 1980' FSL & 1980' FEL of Sec. 17-T21S-R22E, Eddy County, New Mexico.

At proposed prod. zone

Same As Above.

ARTESIA, OFFICE

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

28 Miles West of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980' S & E

16. NO. OF ACRES IN LEASE

5843.52

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.

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19. PROPOSED DEPTH 8850'

20. ROTARY OR CABLE TOOLS

Rotary

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

4462.56' GR

22. APPROX. DATE WORK WILL START\*

November 15, 1973

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#	30'	3 Yds Redi-Mix
12-1/4"	9-5/8"	29.3#	1665'	1200 Sacks
7-7/8"	5-1/2"	15.5 & 17#	8850'	400 Sacks

We propose to drill this well to a T.D. of 8850' and test the Morrow Formation.

The Blow Out Prevention Program is as follows:

1. One Set of Blind Rams.
2. One Set of Drill Pipe Rams.
3. One Hydril.

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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 preventer program, if any.

24.

SIGNED

*D. F. Dwyer*

TITLE Region Operation Manager

DATE October 25, 1973

(This space for Federal or State office use)

APPROVED  
NOV 12 1973  
R. L. BEETZ  
ACTING DISTRICT ENGINEER

APPROVAL DATE

THIS APPLICATION IS NOT VALID UNLESS IT IS APPROVED BY THE DISTRICT ENGINEER WITHIN 30 DAYS OF SUBMISSION.  
EXPIRES FEB 12 1974

SUBJECT TO SEARCHED DEEP WELL CONTROL REQUIREMENTS DATED JAN 22 1973 On Reverse Side

DECLARED WATER BASIN CEMENT BEHIND THE CASING. NOTIFY USGS IN SUFFICIENT TIME TO CEMENTING THE CASING.