

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-013-21109

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM 2377

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government-Y

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undes. ~~Russell~~ Morrow11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 11-T20S-R28E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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' FSL & 660' FEL of Sec. 11-T20S-R28E, Artesia Co., N. Mexico.

At proposed prod. zone

Same as above.

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

Approx. 10-1/2 miles NE of Carlsbad, New Mexico.

15. DISTANCE FROM PROPOSED*

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

660' E

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.

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19. PROPOSED DEPTH

11,600'

20. ROTARY OR CABLE TOOLS

Rotary

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

3562' GR.

22. APPROX. DATE WORK WILL START*

March 15, 1974

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#	400'	400 sacks (circulated)
12-1/4"	8-5/8"	32#	3000'	2500 sacks (circulated)
7-7/8"	5-1/2"	17 & 20#	11600'	950 sacks

It is proposed to drill to a T.D. of 11,600' and test 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.
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. P. Miller

TITLE Region Oper. Mgr.

DATE Feb. 20, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

L. L. BECKMAN

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JUN 22 1974

TITLE

*Subject to Communitarian
Agreement prior to
producing this well.*

DECLARED WATER BASIN

CEMENT BEHIND THE
CASING MUST BE CIRCULATEDTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAY 26 1974

*See Instructions On Reverse Side

RECEIVED

FEB 21 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO