

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

NM 15003

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government AB

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Und. Burton Flat Morrow

11. SEC. T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 9, T-20S, R-28E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

## 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 ☒MULTIPLE ☐

2. NAME OF OPERATOR

Cities Service Oil Company

3. ADDRESS OF OPERATOR

Box 1919 - Midland, Texas 79701

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

At surface 2105' FSL &amp; 760' FWL of Sec. 9, T-20S, R-28E

Eddy County, New 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 North of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\*

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

760' West

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.

4263' North

19. PROPOSED DEPTH

11,300'

20. ROTARY OR CABLE TOOLS

Rotary

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

3282.7'

22. APPROX. DATE WORK WILL START\*

Feb. 1, 1977

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'	750 sacks (Circulated)
12 1/4"	8-5/8"	24# & 32#	3000'	1000 sacks (Circulated)
7-7/8"	5-1/2"	17# & 20#	11300'	750 sacks (TC approx. 8200')

It is proposed to drill this well to a T. D. of 11,300' 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.

The acreage allocated to this well is not dedicated to any gas purchaser.

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

*E. Spindler*

TITLE Region Operation Manager

DATE Dec. 8, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:THIS APPROVAL IS REVOKED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES JAN 11 1977  
See Instructions On Reverse SideDECLARED WATER BASIN  
13 7/8"  
8 1/8"  
CEMENT BEHIND THE  
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO  
WITNESS CEMENTING THE CASING.

ACTING DISTRICT ENGINEER