

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARTESIA, NM 88010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☐ RECEIVED ☒ PLUG BACK ☒

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Cities Service Company

3. ADDRESS OF OPERATOR
P.O. Box 1919 - Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
660'FSL & 1980'FEL

At proposed prod. zone
Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles SW of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 660'S

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. N/A

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3426' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
		(SEE ORIGINAL COMPLETION RECORDS)	

O.T.D. 11,356' Sand & Shale, OPBTD 11,215'. It is proposed to plug off the Morrow Perfs 11,106 - 11,172' and test the Atoka Formation in the following manner:

1. MIRU pulling unit, kill well, ND WH & NU BOP and pull tubing and packer.
2. Set a CIBP @ approx. 11,000' and dump 4 sacks of cement (35') on top of CIBP.
3. RU WL and set a Baker Model "DB" packer @ approx. 10,575'. RIH w/seal assembly on 2-7/8" tubing and sting into packer.
4. Perforate the Atoka Formation w/4 SPF @ 10,675, 10,676, 10,677 & 10,680'. Total 16 holes.
5. Test well natural and if necessary acidize Atoka Perfs 10,675 - 10,680' w/ 2500 gals of 7-1/2% MSRL00 acid.
6. Back flow well to recover load and retest well.
7. If economical, run 4 pt. test, obtain 72 hr. SIBHP buildup and put well on production.

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. L. Startz TITLE Region Opr. Mgr. - Prod. DATE 11-1-82

(This space for Federal or State office use)

PERMIT NO. APPROVED
(O.S. Sgd) PETER W. CHESTER
APPROVED BY NOV 10 1982
CONDITIONS OF APPROVAL, FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

APPROVAL DATE

TITLE

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

LC-062029

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government AM Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Atoka

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

Sec. 33-T18S-R29E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Completion Unit

22. APPROX. DATE WORK WILL START*

November 15, 1982