

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 ☒

RECEIVED

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Cities Service Company ✓

NOV 12 1982

3. ADDRESS OF OPERATOR

P.O. Box 1919 - Midland, Texas 79702

O. C. D.

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

At surface

1800' FNL & 1980' FWL

At proposed prod. zone

Same as above

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

16 miles NE of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

1800' N

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

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

2 miles SW

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

3255' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

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

O.T.D. 11,610' Lime & Shale, OPBTD 11,335'. It is proposed to plug off the Atoka Perfs 10,643 - 10,683' and recompleate in the Cherokee SS in the following manner:

1. MIRU pulling unit, kill well, ND WH and NU BOP and pull tubing and packer.
2. Set a CIBP @ approx. 10,600' and dump 7 sacks of cement (50') on top of CIBP.
3. Perforate the Cherokee SS w/2 SPF @ 10,493 - 10,501'. Total of 18 - 0.4" diag.
4. RIH w/2-7/8" tubing and set a packer @ approx. 10,375'.
5. Test well natural and if necessary acidize Cherokee Perfs 10,493 - 10,501' w/ 2500 gals of 15% HCl acid.
6. Backflow 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

Elmer Startz

TITLE Reg. Opr. Mgr. - Prod.

DATE

11-1-82

(This space for Federal or State Office use)

PERMIT NO.

(Orig. Sgd.) *PETER W. CHESTER*

APPROVAL DATE

APPROVED BY

NOV 10 1982

TITLE

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

LC 050797

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government AC Com

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated Cherokee

11. SEC. T. R. M. OR BLK.

AND SURVEY OR AREA

Sec. 13-T20S-R28E

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 8, 1982

W MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

Form C-102
Supersedes C-128
Effective 1-1-65

NOV 3 1982

All distances must be from the outer boundaries of the Section

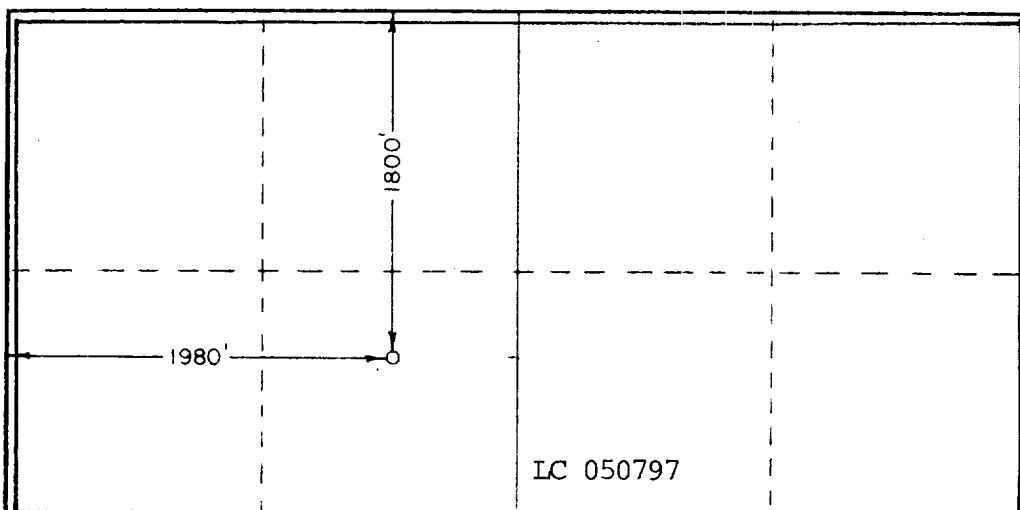
Operator Cities Service Company ✓		Lease Government AC COM		O. C. D. Well No. ARTESIA, OFFICE 2	
Map Line F	Section 13	Township 20 South	Range 28 East	County Eddy	
Actual Location of Well: 1800 feet from the North line and 1980 feet from the West line NOV 15 1982					
Ground Level Elev. 3255.4	Producing Formation Cherokee SS	Pool Undesignated <i>Stam</i>		Dedicated Acreage: 320 O. C. D. Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

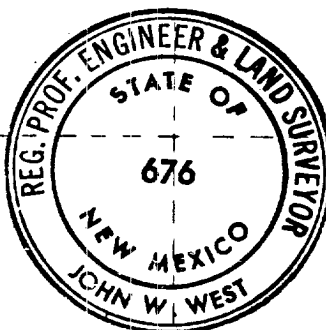
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Working interests of participating companies in this well are as follows:

Cities Service Co.	72.9166%
Howard W. Jennings	12.5000%
Edward R. Hudson, Jr.	14.5834%
	100.0000%



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Elmer Stantz
Position
Region Opr. Mgr. Prod.
Company
Cities Service Company
Date
November 1, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
March 5, 1975

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

