

NMOCQ COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instruction, if re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0553785-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government "AD"

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated Wolfcamp

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

Sec. 27, T21S, R27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen a well back into a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR

Cities Service Company

O. C. C.

3. ADDRESS OF OPERATOR

ARTESIA, OFFICE

P. O. Box 1919, Midland, Texas 79702

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

See also space 17 below.)

At surface

2310' FNL, 660' FWL of Section 27, T-21S, R-27E,
Eddy County, New Mexico.

14. PERMIT NO.

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

3217.2 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Well Completion Data

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

T.D. 11,815'; P.B.T.D. 11,295'. Well is shut in waiting on pipeline connection. Spotted 200 gallons of 10% acetic acid w/2% KCL fresh water with additives. Perforated Lower Morrow with 2 0.46" holes at 11,536', 11,546', 11,547', 11,586', 11,613', 11,617', 11,618', 11,625', 11,666', 11,669', and 11,771'. Ran and set 2 7/8" tubing and Baker Model DB Packer at 11,490.39'. Acidized perforations 11,536'-11,771' with 6500 gallons 7-1/2% MS w/1000 SCF N2/bbl. and 20 7/8" RCNCB's. Aborted job. Backflowed acid out of tubing. Loaded tubing with 27 bbls. 2% KCL fresh water with additives. Released seal assembly from Model DB Packer. Circ. down annulus w/130 bbls. 2% KCL fresh water with additives. RIH with seal assembly & 2-7/8" EUE tubing. Tested casing to 500# - ok. 12 hour SITP 650. Swabbed 200 bbls. of water in 11-1/2 hours. Fair blow of gas. Acidized perfs. 11,536'-11,671' w/5500 gals of 7-1/2% MSA acid w/additives. Used 50 7/8" RCNCB's. Used 1000 SCF N2/bbl. Pressured casing to 3000# - ok. Max 7950, min. 7500, ISIP 5100, Air 9.9/B/M. 14 hour SITP 900#. Swabbed 35 BLW & 81 BNW in 10 hours. Gas after each swab & dies. Set 1.78" blank ck in "F" nipple @ 11,510'. Pressured tbg to 1000# - ok. Spot 100 gallons Acetic acid 11,350' to 11,450'. Perforated Upper Morrow with 2 0.48" holes at 11,354', 11,355', 11,398', 11,401', 11,445', 11,448'. Acidized perforations 11,354'-11,448' with 2400 gallons 7-1/2% MS acid with additives. Used 1000 SCF N2/bbl. Max. 7950#, min. 7800#, ISIP 5750#, 15 min. SIP 5100#, Air 9.3 B/M. 14 hour SITP 800#. GR 50 MCED, 1" choke, FTP 5#. 250' Fluid entry/hr. Set Baker CIBP at 11,330' with four sacks on top. TOC 11,295'. Spot 200 gals 10% acetic acid from 10,613' to 10,819'. Perforated Atoka with 2 0.48" holes at 10,613', 10,615', 10,617'. 10,660', 10,731'.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Region Operations Manager

DATE July 27, 1977

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones; or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of putting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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10,732', 10,733', 10,751', 10,752', 10,753', 10,754', 10,805', 10,811 and 10,819'. Acidized perfs 10,613'-10,819' with 4500 gallons 15% MS acid with additives. Used 1000 SCF N₂/bbl., 45 7/8" RCNCB's. Max 7100#, min. 6300#, ISIP 5250#, 15 min. SIP 4950#, Air 6.9 B/M. 12 hour SITP 2800#. Flowed no fluid, GR 245 MCFD, 11/64" choke, FTP 450#, BP 400#, 8 hours. Set permanent Baker packer as follows:

1 - Baker Mod DB pkr	3.07
1 - Mill out extension	5.65
1 - Xover	.58
1 - 2-3/8" EUE sub	6.03
1 - Baker Type F profile nipple 2-3/8" OD x 1.78" ID w/plug in place	.92
1 - 2-3/8" EUE mule shoed sub	5.90
Tally	22.15

Set DB pkr at 10,550' to TA Atoka SS zone. Spotted 100 gallons 10% Acetic acid 9624'-9724'. Perforated Wolfcamp with 2 0.48" holes at 9703', 9706', 9709', 9712', and 9716'. Acidized perforations 9703'-9716' with 2500 gallons 15% DS-30 HCL acid with additives. Used 1000 SCF N₂/bbl. & 20 7/8" RCNCB's. Pressured annulus to 3000# - ok. Max Press. 8000#, min. 5400#, ISIP 4950#, Air 8.2 B/M. 12 hour SITP 2300#. Flowed 30 bbls. of distillate, GR 652 MCFD, 15 barrels of load water in six hours on 1" choke. FTP 45#. Killed well. Released RTTS. Reset RBP at 9599.56'. Spotted 150 gallons 10% acetic acid from 9419'-9569'. Perforated Upper Wolfcamp with 2 0.48" holes at 9505', 9507', 9509', 9511', and 9513'. Acidized Perfs. 9505'-9513' with 2500 gallons 15% DS-30 acid. Used 1000 SCF N₂/bbl. & 20 7/8" RCNCB's. 14 hr. SITP 1950#. Through 20/64" choke in 8 hours, Flowed 21.42 bbls. distillate, no water, GR 1100 MCFD, FTP 1300#, BP 450#. Set 2-7/8" EUE Tbg & Baker lock set packer @ 10,550'. Flowed on 4 point test as follows:

Time	Choke	FTP	Back Press.	Gas Rate
1 hr.	8/64"	1604#	520#	480 MCFD
1 hr.	11/64"	1454#	550#	985 MCFD
1 hr.	14/64"	1315#	555#	1300 MCFD
1 hr.	17/64"	1182#	570#	1740 MCFD

Produced 14 bbls. of 52.6° gravity distillate and no water during 4 hour test with a C.A.O.F. of 2886 MCFD.