

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYPERMIT IN TRIANGLE
(Other Instructions on reverse side)Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0472258

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government "M"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Washington Ranch-Morrow

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

Sec. 28, T25S, R24E

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 or plug back on different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Cities Service Company

3. ADDRESS OF OPERATOR

P. O. Box 1919, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)At surface 660' FSL & 660' FEL, Section 28, T25S, R24E, Eddy
County, New Mexico.

14. PERMIT NO.

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

3779' DF

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)

P&A Morrow & Test. Delaware

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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 pertinent to this work.)*

1. Set CIBP @ 6900' and capped w/35' of cement 6900'-6860'.
2. Circulated hole with 9.5# mud laden fluid.
3. Spotted 35 sack plug from 5918-5818' across top of Strawn.
4. Shot off 5-1/2" casing at 4440' and POOH w/casing.
5. RIH with tubing and spotted 35 sack plug from 4456'-4356'. Pulled tubing to 3898' and spotted 40 sack plug from 3898-3798'. W.O.C. 24 hrs. Tagged PBTD @ 3721'.
6. Cemented leak in 8-5/8" casing at 1750' w/345 sx cement. New PBTD 1553'.
7. Perforated 2 squeeze holes @ 1432'. Could not pump in formation @ 2000 PSI.
8. Circ hole w/85 bbls FW w/2% KCl. Spotted 100 gals 7-1/2% HCl 1395-1432'. Perforated Delaware Sand 1426-1432' w/2 S/F using decentralized 4" csg gun. Total 12 0.48" entrance holes w/19" Penetration.
9. Run in hole w/

1 - 2 7/8" X 2-1/4" ID SN	1.00
47 - Jts 2 7/8" Buttress 6.5# J-55 Tbg.	1431.00
Tally	1432.00
KBM	13.50
Set At	1445.50
10. Circ hole w/88 bbls. Delaware Oil acidized Delaware w/250 gals 7-1/2% HCl w/additives. Flushed with lease crude. Max 900#, min 750#, ISIP 500#, Air 0.28 B/M.
11. Tested Delaware Sand 1426-1432'.
12. Initial Potential from the Delaware Sand; pumped 17 BO, 43 BW, 24 Hrs.; gas TSTM, 36"

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

SIGNED

TITLE Region Operations Manager

DATE

July 29, 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 parting 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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Stroke, 8 SPM, Oil Gravity 38.4 @ 60°.