

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-P1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | | |
|---|--|---|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NO. NM 17101 | |
| 2. NAME OF OPERATOR Cities Service Oil Company | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 3. ADDRESS OF OPERATOR Box 1919 - Midland, Texas 79701 | | 7. UNIT AGREEMENT NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 1980' FWL of Sec. 22-T20S-R28E, Eddy Co., N. Mexico | | 8. FARM OR LEASE NAME Government W | |
| 14. PERMIT NO. | | 9. WELL NO. 1 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3236' GR. | | 10. FIELD AND POOL, OR WILDCAT Undes. Morrow | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22-T20S-R28E | |
| | | 12. COUNTY OR PARISH Eddy | |
| | | 13. STATE New Mexico | |

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)

Completion Data

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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 pertinent to this work.) *

T.D. 11,523' Shale. PBTD 11,175'. Well is shut-in waiting on pipeline connection. CO to 11,461' and spotted 250 gallons 10% Acetic Acid @ 11,193' - 10,194'. Perforated the Morrow w/ 2-0.48" holes each @ 11,189', 11,190', 11,191', 11,192' and 11,193'. Ran 2-7/8" OD tbg. with a pkr @ 11,022'. Swabbed 70 BLW + 54 B. Formation w/2 Hrs. Well kicked off and flowed 273 B. Formation w/ 3 Hrs. + gas @ rate of 4.4 MMCFD thru 1" choke FTP-1300#. flowed 110 B. Formation w/ 2 Hrs. + gas @ rate of 3.2 MMCFD thru 26/64" choke FTP-1900# 16 Hr. SITP 2600#. Killed well with Brine Water. Pulled tubing & pkr. Ran tbg with a RTTS set @ 11,023' & squeezed perfs 11,189' - 11,193' w/75 sxs Class H w/0.8 of 1% Halad 9 + 50 sxs Class H Neat (15.6#/Gal) cement. Max press 6000#. 121 sxs in formation, 4 sxs in csg. Released RTTS @ 11,023'. Drilled out cement & washed down to PBTD 11,461'. Pressure tested squeeze job & csg to 4000# for 30 min. - Held O.K. Spotted 250 gals. 10% Acetic Acid @ 11,348' - 11,098'. Perforated the Morrow w/2 - 0.49" holes each @ 11,223', 11,225', 11,228', 11,235', 11,237' and 11,239'. Ran 2-7/8" OD tbg w/a pkr @ 10,993'. Swabbed 68 BLW & swabbed dry. Released pkr @ 10,993' & reset @ 11,208'. Acidized thru perfs 11,223'-11,239' w/3000 gals. 7-1/2% MS acid + 112,000 SCF Nitrogen + 20 Ball Sealers. Spearheaded acid w/ 5000 SCF Nitrogen. Max press 6800#, min press 5800#, AIR 9.6B/M (Acid and Nitrogen). ISIP 3500#, 15 min SITP 1500#. Flowed gas @ rate of 1.75 MMCFD + 76BW/2 Hrs. thru 16/64" choke FTP 2400#. Flowed gas @ rate of 5.8 MMCFD + 58 BW/1-1/2 Hrs. thru 1/2 choke FTP 1950#. Flowed gas @ rate of 9.7 MMCFD + 572 BW/6 Hrs. thru 1" choke FTP 1600#. 15 Hr. SITP 3300#. Killed well w/Brine Water & pulled pkr @ 11,208'. Set a Model D pkr w/Model B expendable plug @ 11,175' to isolate perfs 11,233'-11,239'. Perforated the Morrow w/2-0.49" holes each

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

SIGNED

TITLE

Region Oper. Mgr.

DATE

June 10, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

APPROVED
JUN 13 1974
R. L. BEEKING
ACTING DISTRICT ENGINEER