

N.M. O. G. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instructions
verse side)FE-
re-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 Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undes. LaHuerta Morrow

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

Sec. 21-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 or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)1. OIL ☐ GAS ☒ OTHER
WELL WELL

2. NAME OF OPERATOR

Cities Service Oil Company

3. ADDRESS OF OPERATOR

Box 1919 - Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements.
See also space 17 below.)
At surface

660'FNL & 1980'FWL of Sec. 21-T21S-R27E, Eddy Co., New Mexico

14. PERMIT NO.

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

3236' 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) Well 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. 11,730' Lime & Shale PBTD 11,550'. Well is shut-in waiting on pipeline connection. Drilled and cleaned out to 11,673' and spotted 150 gals 10% Formic acid @ 11,661'-11,511'. Perforated the lower Morrow Zone w/1-0.48" hole each @ 11,531', 11,533', 11,537', 11,539', 11,543', 11,545', 11,547', 11,553', 11,555', 11,565', 11,569', 11,571', 11,602', 11,604', 11,611', 11,615', 11,618', 11,620', 11,625', 11,628', 11,646', 11,649', 11,651', 11,653', 11,665', 11,659' and 11,661'. Ran and set 2-7/8" tubing and a Baker Model DB packer @ 11,490'. Swabbed 26 BW/11 hrs. Acidized thru Morrow Perfs 11,531'-11,661' w/9200 gals 7-1/2% MS acid + 1000 SCF/bbl Nitrogen + 28 ball sealers. Max. press. 6100#, min. press. 4350#, ISIP 3800#, 5 min. SIP 3300#, 30 min. SIP 2050#, AIR 9 B/M. Swabbed load and swabbed 65 BW/6 hrs. No gas. Pulled tubing and packer set @ 11,490'. Ran tubing with a RTTS tool set @ 10,330' and squeezed thru Perfs 11,531' - 11,661' w/100 sacks Class H w/0.6% Halad-9 and 50 sacks Class H w/0.2% HR-4 cement. Squeezed @ 4500#, 110 sacks in formation, 20 sacks in casing and reversed out 20 sacks. WOC 24 hrs. Pulled tubing and RTTS tool set @ 10,330'. Drilled out to 11,550' and tested casing to 1000# for 30 min. - Held O.K. Circulated hole w/fresh water and spotted 185 gals 10% Acetic acid @ 11,548' - 11,363'. Perforated the upper Morrow Zone w/1-0.40" hole each @ 11,363', 11,364', 11,365', 11,366', 11,367', 11,368', 11,369', 11,372', 11,373', 11,374', 11,435', 11,436', 11,437', 11,438', 11,439', 11,440', 11,441', 11,531', 11,532', 11,533', 11,537', 11,538', 11,539', 11,540', 11,541', 11,543', 11,545', 11,547' and 11,548'. Ran and set 2-7/8" OD tubing and a Baker Lok-Set packer @ 11,179'. Swabbed part of load and swabbed dry with a weak blow of gas - TSTM. Acidized thru Morrow Perfs

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

SIGNED

TITLE Region Operation Manager

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Cities Service Oil Company #1 Government AD Com. - continued ----

11,363' - 11,548' w/5000 gals 7-1/2% MS acid + 1000 SCF/bbl Nitrogen + 50 ball sealers. Formation broke @ 6000#. Max. press. 6900#, min. press. 5500#, ATP 6000#, AIR 7.4 B/M (5 acid + 2.4 Nitrogen), ISIP 4700#, 5 min. SIP 4100#, 15 min. SIP 3700#. Flowed load and flowed 55 Bbls Form. Wtr. + gas @ rate of 2.8 MMCFD/19 hrs. thru 3/4" choke. FTP 500#
The Morrow flowed on 4 pt. tests as follows:

72 Hr. SITP 3604#

<u>Length of Test</u>	<u>Choke</u>	<u>FTP</u>	<u>BP</u>	<u>Rate of Flow</u>
1 hr.	11/64"	2125#	500#	1.65 MMCFD
1 hr.	14/64"	1920#	500#	2.30 MMCFD
1 hr.	17/64"	1720#	500#	2.82 MMCFD
1 hr.	20/64"	1599#	500#	3.50 MMCFD

Produced tr. Distillate and 15 bbls Formation Wtr. during 4 hr. test.

The Morrow flowed on C.A.O.F. 4.307 MMCFD.

RECEIVED

NOV 28 1975
U.S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO