

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 0354232

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Elizondo Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Und. Burton Flat Morrow

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

Sec. 34, T-21-S, R-27-E

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 WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Cities Service Oil Company

3. ADDRESS OF OPERATOR

P. O. 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 Section 34, T-21-S, R-27-E,
Eddy County, New Mexico

14. PERMIT NO.

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

3167.95' 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*

(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 and 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. 11,775'. Lime & shale. Ran 27 joints (977.11') of 5-1/2" 20#, N-80 LT&C and 272 Joints (10776.82') of 5-1/2", 17#, N-80, LT&C casing set @ 11,775' and cemented with 750 sacks of Class H with 3/4" CFR-2 and 5# KCL/sack. Bumped float with 2900#. Held OK. Plug down at 1100 MST, 11/12/76. WOC 6 hours and ran temperature survey. Top of cement at 8940'.

RECEIVED

NOV 23 1976

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

TITLE Region Operations Manager DATE 11/19/76

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE NOV 23 1976

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSEVEN IN ONE
UNITED STATESDATE
BYForm Approved
Public Bureau No. 42-R142
PLEASE EXPLANATION AND SERIAL NO.

NM 0354232

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

DEC 27 1976

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1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Cities Service Oil Company, ARTESIA, OFFICE		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1919 - Midland, Texas 79701		8. FARM OR LEASE NAME Elizondo Federal
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 Section 34, T-21-S, R-27-E, Eddy Co., New Mexico.		9. WELL NO. 4
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Und. Barton Flat Morrow
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3167.95' GR		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Sec. 34, T-21-S, R-27-E
		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

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) 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 pertinent to this work.)*

T.D. 11,775', P.B.T.D. 11,731'. Lime & Shale. Well is shut in waiting on pipeline connection. MIRU completion unit and clean out to 11,731'. Spotted 200 gallons Acetic acid 11,550'-11,350'. Perf. Morrow zone with 2 .48" holes each at 11,387', 11,388', 11,425', 11,426', 11,447', 11,449', 11,451', 11,453', 11,458', 11,460', 11,461', 11,462', 11,464', 11,466', 11,467', 11,468', 11,469', 11,470', 11,472', 11,474', 11,494', 11,495', 11,516', 11,517', 11,518', 11,519', 11,520', 11,522', 11,524', 11,526', 11,528', 11,529', 11,530', 11,532', 11,534', 11,536', 11,538', 11,540', & 11,542'. Ran and set 2-7/8" EUE tubing at 11,298.29' with a Baker loc set packer set at 11,292'. Flowed well on 1" choke at rate of 2.03 MMCFD, no fluid, FTP 140# in 9 hours. Acidize Morrow perforation with 5000 gallons 7-1/2% with 135 7/8" RCNCB's & 1000 SCF N2 per barrel. Flowed load and flowed trace of distillate, 1 barrel of water and gas at rate of 5.925 MMCFD through 24/64" choke, FTP 2200#, BP 500#. 72 hour DWSITP 3790.

The Morrow zone (11,387' - 11,542') flowed on 4 point test as follows:

Time	Choke	FTP	BP	Gas Rate
1 hr.	15/64"	3274#	610#	4.10 MMCFD
1 hr.	18/64"	2900#	620#	5.90 MMCFD
1 hr.	25/64"	2342#	630#	7.95 MMCFD
1 hr.	30/64"	1825#	630#	9.10 MMCFD

No fluid was produced during 4 hr. test period. This well was shut in for BHP buildup at

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

1730 MST, 12/13/76.

SIGNED

E. J. J. J.

TITLE

Region Oper. Manager

DATE

Dec. 20, 1976

(This space for Federal or State office use)

APPROVED BY

J. J. J.

TITLE

ACTING DISTRICT ENGINEER

DATE

DEC 23 1976

CONDITIONS OF APPROVAL, IF ANY: