

N. M. LAND COMMISSION
P. O. Box 1080
HOBBBS, NEW MEXICO 87401
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

LC 029489-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal AE

9. WELL NO.

1

10. FIELD AND BOOK OR RECORD
Undesignated Queen

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

Sec. 4-T18S-R33E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Cities Service Oil and Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 1919 - Midland, Texas 79702

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

At surface

660' FSL & 1980' FEL

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

30-025-29325

DATE ISSUED

15. DATE SPUDDED

9-27-85

16. DATE T.D. REACHED

10-03-85

17. DATE COMPL. (Ready to prod.)

11-09-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3992' GR

19. ELEV. CASINGHEAD

3992'

20. TOTAL DEPTH, MD & TVD

4300'

21. PLUG BACK T.D., MD & TVD

4256'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - T.D. 4300'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4221 - 4241' - Queen

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Guard Micro Guard, Spectral Density Dual - Deviation Survey

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	388'	12-1/4"	350 sacks	Circulated
5-1/2"	14#	4300'	7-7/8"	1250 sacks	Circulated

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4212'	---

31. PERFORATION RECORD (Interval, size and number)

4 SPF @ 4221, 22, 23, 27, 28, 29, 39, 40 and 4241'. Total 36 holes (0.45" dia & 14.70" pen)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4221 - 4241'	2500 gals 15% NeFe HCL acid + 23,000 gals Terr Frac-30 w/5% diesel (crosslinked polymer) + 6,000# 20/40 sand + 52,000# 12/20 sand

33.*

PRODUCTION

DATE FIRST PRODUCTION

10-09-85

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Pumping - 2-1/2" x 1-1/4" x 16' - BHD

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

11-09-85

HOURS TESTED

24 hrs.

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

176

GAS—MCF.

20

WATER—BBL.

-0-

GAS-OIL RATIO

113

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

33.00

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

J. Gibson

35. LIST OF ATTACHMENTS

Above listed logs and Deviation Survey

NOV 15 1985

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Elmer Startz

TITLE

Reg. Opr. Mgr. - Prod.

DATE

11-11-85

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
			CORE NO. 1 4194 - 4250' (56') RECOVERED 48' BEING 16.5' RED SAND, 1.5' GRAY SAND, 3' RED SAND, 5' CROSS BEDDED GRAY SAND W/ SCATTERED BLEEDING OIL, 15.5' RED & GRAY SAND, 6.5' ANHYDRITE	RUSTLER TOP OF SALT BASE OF SALT YATES SEVEN RIVERS QUEEN	1523' 1635' 2794' 3005' 3428' 4193'	

RECEIVED
NOV 18 1985
O.C.D.
HOBBS OFFICE