

(November 1983)
(formerly 9-330)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HOBBS, NEW MEXICO 88240

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP EN PLUG BACK DIFF RESVR Other _____

3. NAME OF OPERATOR: Cities Service Oil and Gas Corporation

4. ADDRESS OF OPERATOR: P.O. Box 1919 -Midland, Texas 79702

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: 660' FSL & 1980' FWL
At top prod. interval reported below: Same as above
At total depth: Same as above

14. PERMIT NO. 30-025-29363 DATE ISSUED _____

6. 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. 2

10. FIELD AND POOL, OR WILDCAT 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

15. DATE SPUNDED 9-19-85 16. DATE T.D. REACHED 9-26-85 17. DATE COMPL. (Ready to prod.) 10-12-85 18. ELEVATIONS (OF. RKB, RT GR, ETC.)* 3979' GR 19. ELEV. CASINGHEAD 3979'

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 D-T.D. 4300' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD)* 4207-4226' - Queen 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN SDL, DSN-GR-Cal, DG-MG-Cal - Deviation Survey 27. WAS WELL CORED No

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#	394'	12-1/4"	350 sacks	Circulated
5-1/2"	14#	4300'	7-7/8"	1250 sacks	Circulated

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	4097'	4097'

31. PERFORATION RECORD (Interval, size and number): 4 SPF 4207, 08, 09, 12, 13, 14, 16, 24, 25, and 4226'. Total of 40 holes (0.45" dia and 14.70" pen).

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4207-4226'	2500 gals 15% NeFe acid + 27,400 gals TerraFrac-30 w/ 5% diesel + 5000# 20/40 sand + 100,000# 12/20 sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
10-2-85	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10-12-85	24 hrs.	48/64"	→	611	70	39 (load)	115

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
100#	Packer	→				31.6°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented
TEST WITNESSED BY Joe Gibson
OCT 23 1985

35. LIST OF ATTACHMENTS: Above listed logs and Deviation Survey

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 10-16-85

*(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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	1514	
				Top of Salt	1623	
				Base of Salt	2775	
				Yates	2982	
				Seven Rivers	3410	
				Queen	4178	

RECEIVED
 OCT 24 1985
 O.C.D.
 RECORDS OFFICE