

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
H. M. CHASE  
P.O. BOX 1680  
HOBBBS, NEW MEXICO

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

SUBMIT IN DUPLICATE\*  
(See other Instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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 & Gas Corp.

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' FNL & 1980' FWL  
At top prod. interval reported below  
Same as above  
At total depth  
Same as above

14. PERMIT NO.

DATE ISSUED

30-025-29777

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

15. DATE SPUDDED 10-28-86 16. DATE T.D. REACHED 11-04-86 17. DATE COMPL. (Ready to prod.) 11-25-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4029' GR 19. ELEV. CASINGHEAD 4029'

20. TOTAL DEPTH, MD & TVD 4450' 21. PLUG, BACK T.D., MD & TVD 4412' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS  $\phi$  - T.D. 4450' CABLE TOOLS

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

4152 - 4166' - Queen

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Guard Micro Guard, Spectral Density Dual Neutron, 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#	391'	12-1/4"	300 sacks	Circulated
5-1/2"	14#	4450'	7-7/8"	1400 sacks	Circulated

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	4231'	---

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4 SPF @ 4152, 53, 54, 55, 56, 63, 64, 65, and 4166'. Total of 36 holes (0.45" dia and 14.7" pen).

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4152 - 4166'	2000 gals BDF-2 + 21,000 gals 40# GWX-9 crosslinked gel w/5% diesel + 50,000# 12/20 sand + 6000# 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-12-86		Pumping - 2" x 1-1/4" x 16" - BHD Insert				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-25-86	24 hrs.			19	6	12 (load)	316
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	ACCEPTED FOR RECORD			OIL GRAVITY-API (CORR.)	
						32.70	

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

Sold

TEST WITNESSED BY

S. C. Nichols

35. LIST OF ATTACHMENTS

Above listed logs and Deviation Survey

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

SIGNED

Elmer Stutz

TITLE

Reg. Opr. Mgr. - Prod.

DATE

11-26-86

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

### 38. GEOLOGIC MARKERS

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
				NO CORES OR DST'S WERE TAKEN ON THIS WELL	Rustler Top of Salt Base of Salt Yates Seven Rivers Queen	1477' 1582' 2750' 2963' 3382' 4120'	