

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

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

1980' FSL & 1980' FWL

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

30-025-29379

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal AD

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Central Corbin Queen

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

Sec. 9-T18S-R33E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

15. DATE SPUDDED

9-10-86

16. DATE T.D. REACHED

9-17-86

17. DATE COMPL. (Ready to prod.)

10-13-86

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

3938' GR

19. ELEV. CASINGHEAD

3938'

20. TOTAL DEPTH, MD & TVD

4350'

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

4287'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - T.D. 4350'

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

4258 - 4271' - Queen

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DSN/SDL-GR-Cal, DLL/GRD-GR-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#	351'	12-1/4"	300 sacks	Circulated
5-1/2"	14#	4350'	7-7/8"	1400 sacks	Circulated

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4243'	----

31. PERFORATION RECORD (Interval, size and number)

4 SPF @ 4258, 60, 67, 68, 69, 70 and 4271'
Total of 28 holes (0.45' dia & 14.70" pen
in Berea)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4258 - 4271'	2000 gals NARS 201 + 23,000 gals Mini Max IIB-40 (40# cross- linked gel) w/5% diesel + 6000# 20/40 sand + 53,000# 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)	
9-29-86		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
10-13-86	24		→	91	8	23	88
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				31.7 ⁰	

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 complete and correct as determined from all available records

SIGNED

Thomas L. Huggins

TITLE

Region Petroleum Engineer

DATE

10-14-86

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

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.
			NO CORES OR DST'S WERE TAKEN ON THIS WELL

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1510	
Top of Salt	1620	
Base of Salt	2808	
Yates	3016	
Seven Rivers	3468	
Queen	4236'	