

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

P. O. BOX 1919
CARLSBAD, NEW MEXICO 88502
SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT

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' FNL & 660' FWL
At top prod. interval reported below
Same as above
At total depth
Same as above

14. PERMIT NO. 30-025-29781
DATE ISSUED

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.
10
10. FIELD AND POOL, OR WILDCAT
Central Corbin 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 SPUDDED 11-15-86
16. DATE T.D. REACHED 11-22-86
17. DATE COMPL. (Ready to prod.) 12-29-86
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4013' GR
19. ELEV. CASINGHEAD 4013'
20. TOTAL DEPTH, MD & TVD 4275'
21. PLUG, BACK T.D., MD & TVD 4226'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
0 - T.D. 4275'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4134 - 4138' - 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
Yes

CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	394'	12-1/4"	300 sacks	Circulated
5-1/2"	14#	4273'	7-7/8"	1400 sacks	Circulated

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4114'	---

31. PERFORATION RECORD (Interval, size and number)
4 SPF @ 4134, 35, 36, 37 and 4138'.
Total of 20 holes (0.45" dia & 14.7" pen in Berea).
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 4134 - 4138'
AMOUNT AND KIND OF MATERIAL USED
2000 gals NARS-201 acid +
21,520 gals 40# crosslinked
Gel w/5% diesel + 6,000# 20/40
sand + 34,000# 12/20 sand

33.* PRODUCTION
DATE FIRST PRODUCTION 12-05-86
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1-1/4" x 16' - Insert
WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12-29-86
HOURS TESTED 24
CHOKE SIZE
PROD'N. FOR TEST PERIOD 4
OIL—BBL. 5
GAS—MCF.
WATER—BBL. -0-
GAS-OIL RATIO 1200
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE
OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) 33.50

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold
JAN 7 1987
TEST WITNESSED BY J. Gibson

35. LIST OF ATTACHMENTS
Above listed logs and Deviation Survey CARLSBAD, NEW MEXICO

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 1-02-87

*(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, 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
			Core No. 1 4164 - 4224', Cut 60' and recovered 60' being, 12' tite red sand w/tr. bldg. oil @ 4165', 2' dolomite w/n.s., 3' tite red sand w/n.s., 9' dolomite red sand & anhydrite w/n.s., 34' anhydrite w/n.s.	Rustler Top of Salt Base of Salt Yates Seven Rivers Queen	1482' 1590' 2747' 2952' 3378' 4122'	