

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 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 1980' FNL & 660' FEL

At top prod. interval reported below

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Lea

13. STATE
New Mexico

15. DATE SPUDDED 12-10-83 16. DATE T.D. REACHED 1-31-84 17. DATE COMPL. (Ready to prod.) P & A 2-3-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4140' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 10770' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - T.D. 10770' CABLE TOOLS

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

25. WAS DIRECTIONAL
SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL-MSFL-GR, LDT-CNL-GR, BHC-SONIC-GR, 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
13-3/8"	54.5 & 61#	379'	17-1/2"	400 sacks	Circulated
8-5/8"	24 & 32#	4300'	12-1/4"	2000 sacks	Circulated

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)
Plugged and Abandoned on 2-3-84

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

ACCEPTED FOR RECORD

PETER W. CHESTER

TEST WITNESSED BY

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 Stutz

TITLE Region Opr. Mgr. - Prod.

DATE 2-13-84

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Core #1 10160 - 10166'	(6')	Recovered 14" Gray Lime, Horiz. Fracs.	
Core #2 10168 - 10191'	(23')	Recovered 21.5' Shale & Limestone w/occ. frac and some vugs, no stain no show	
Core #3 10191 - 10212'	(21')	Recovered 20' Lt. Gray Limestone, fine grained horiz. fractures, good vugular porosity in scattered zones, water wet, no shows	
Core #4 10219 - 10240'	(21')	Recovered 21' Gray Lime, bleeding green oil @ 10219 - 10222' and 10223 - 10228', rest of core tite	
DST #1 10206 - 10240' (Permo Penn B)		Tool opened and packer did not hold. Assembly slid down hole 6'. Reopened tool w/ good blow, building up to 0.5 psig in 5 min. and remaining @ 0.5 psig for 17 min. preflo. Closed tool for 59 min ISIP. Reopened tool w/weak blow increasing to fair blow for 91 min final flow. No surface press during FF period. Closed tool for 189 min FSIP. Lost drill pipe recovery due to accidental rupture of pump out disc in circulating sub. Recovered 120' of drilling mud w/trace of oil below circ. sub. Sample chamber contained 1200 cc oil & 600 cc drilling mud w/1.6 cu.ft. of gas @ 500 psig.	
Core #5 10240 - 10274 (34')		Recovered 30' Gray Limestone w/good vuggy porosity 10255 - 10267' (12'), rest of core shaley & tight	

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 HOBBY

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Abo	7776'	
Wolfcamp	9411'	
Bough A	10211'	
Bough B	10253'	
Ranger Lake	10511'	
Cisco	10635'	
T.D. 10770'		
Recorder @ 10237'	Recorder @ 10188'	
IFT 17 min		17 min
ISI Time 59 min		59 min
IHP 4980		5062
ISIP 2478		2500
IFP 774		835
FF Time 91 min		91 min
FFP 686		747
FSIP 2478		2500
FHP 4980		5062
FSI Time 189 min		189 min
BH Temp 150°F		

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