

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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 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
990'FSL & 660'FEL
At top prod. interval reported below
Same as above
At total depth
Same as above

14. PERMIT NO.

30-025-29531

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 26884

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal AB

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT (Bone Mescalero Escarpe Springs)

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

Sec. 11-T18S-R33E

12. COUNTY OR PARISH
Lea

13. STATE

New Mexico

15. DATE SPUDDED

12-06-85

16. DATE T.D. REACHED

12-31-85

17. DATE COMPL. (Ready to prod.)

1-10-86

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

3992'GR

19. ELEV. CASINGHEAD

3992'

20. TOTAL DEPTH, MD & TVD

8875'

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

8831'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - T.D. 8875'

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

8682 - 8722' - Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Beytrib-Litho Density, Dual Laterolog-MSFL, 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
13-3/8"	48#	373'	17-1/2"	500 sacks	Circulated
8-5/8"	24 & 32#	3149'	11"	1300 sacks	Circulated
5-1/2"	15.5 & 17#	8875'	7-7/8"	1515 sacks	TOC @ 900'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8563'	8563'

31. PERFORATION RECORD (Interval, size and number)

2 SPF @ 8682, 83, 84, 87, 88, 98, 99, 8700, 01, 02, 04, 05, 06, 17, 18, 19, 21, and 8722'. Total of 36 holes (0.43" dia & 15.07" pen in Berea).

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)	
1-09-86		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-10-86	24	3/4"	→	232	105	5	452	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
80#	Packer	→				38.10		

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

Sold

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 Startz

TITLE

Reg. Opr. Mgr. - Prod.

DATE

1-13-86

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			NO CORES OR DST'S WERE TAKEN ON THIS WELL	Rustler Top of Salt Yates Seven Rivers Queen Grayburg San Andres Delaware Bone Springs 1st Dolomite 2nd Dolomite	1633 1793 3166 3578 4309 5062 5069 5712 6850 8218 8682	

RECEIVED
JAN 17 1986
O.C.O.
NORIS OFFICE