

**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. RESRV.  Other \_\_\_\_\_

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.  
6

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 11-T18S-R33E

12. COUNTY OR PARISH  
Lea

13. STATE  
New Mexico

2. NAME OF OPERATOR  
Cities Service Oil & Gas Corp.

3. ADDRESS OF OPERATOR  
P.O. Box 1919 - Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
710' FNL & 1980' FEL  
At top prod. interval reported below  
Same as above  
At total depth  
Same as above

14. PERMIT NO. 30-025-29775  
DATE ISSUED

15. DATE SPUDDED 10-18-86  
16. DATE T.D. REACHED 11-10-86  
17. DATE COMPL. (Ready to prod.) 12-18-86  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4038' GR  
19. ELEV. CASINOHEAD 4038'

20. TOTAL DEPTH, MD & TVD 8812'  
21. PLUG, BACK T.D., MD & TVD 8765'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY → 10 - T.D. 8812'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
8591 - 8641' - Bone Springs

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CDL/CNL-GR-Cal., DLL/MLL-GR-Cal., Deviation Survey

27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASINO 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#	3156'	11"	1300 sacks	Circulated
5-1/2"	15.5 & 17#	8808'	7-7/8"	1515 sacks	TOC @ 3425'

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8709'	---

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2 SPF @ 8591, 92, 98, 8601, 02, 06, 14, 18, 19, 22, 31, 33, 34, 40 & 8641'. Total of 30 holes (0.45" dia & 14.70" pen in Berea)		8591 - 8641'	3000 gals 15% NeFe acid

33.* PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11-20-86	Pumping - 2-1/2" x 2" x 1/14" x 20' - Insert BHD					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-18-86	24 hrs.		→	34	48	-0-	1412
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				ACCEPTED FOR RECORD 37.20	

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

JAN 7 1987  
JM

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 12-19-86

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

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1616	
Top of Salt	1720	
Base of Salt	2930	
Yates	3138	
Seven Rivers	3547	
Queen	4280	
San Andres	5026	
Delaware	5718	
Bone Springs	6322	
1st BS Dolo.	8072	
2nd BS Dolo.	8590	
2nd BS Sand	8668	