

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

d/sf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-33437	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR: Amoco Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P. O. Box 3092, Houston, TX 77253 (713/596-7686)		8. FARM OR LEASE NAME, WELL NO. PMS 8 Federal #7	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660 FNL X 1980 FEL		9. API WELL NO. 30-015-26767	
At top prod. interval reported below		10. FIELD AND POOL, OR WILDCAT Shugart Bone Springs, North	
At total depth		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T-18-S, R-31E NMPM	
14. PERMIT NO.		DATE ISSUED	
15. DATE STUDDED 7/31/91		16. DATE T.D. REACHED 8/19/91	
17. DATE COMPL. (Ready to prod.) 9/28/91		18. ELEVATIONS (OF, RKB, RT, GR, ETC)* 3702.0'	
19. ELEV. CASINGHEAD 3717.5' KB		20. TOTAL DEPTH, MD & TVD 8610'	
21. PLUG BACK T.D., MD & TVD 8523'		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top: 7684' Bottom: 8426' Bone Springs	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC, DLL-MSFL	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)	
Casing Size/Grade		Weight, lb/ft	
13-3/8"		54.5 lb/ft	
8-5/8"		32 lb/ft	
5-1/2"		17 lb/ft	
Depth Set (MD)		Hole Size	
424'		17-1/2"	
2166'		12-1/4"	
8610'		7-7/8"	
Top of Cement, Cementing Record		Amount Pulled	
500 sx Class C			
1250 sx Class C			
1625 sx Class H			
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
Top (MD)		Depth Set (MD)	
Bottom (MD)		Packer Set (MD)	
Sacks Cement*		Screen (MD)	
2-7/8"		7589'	
7589'			
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7684-7720' 4JSPF 8190-8216' 1JSPF		Depth Interval (MD)	
7792-7830' 4JSPF 8222-8248' 4JSPF		Amount and Kind of Material Used	
7880-7946' 4JSPF 8254-8262' 1JSPF		7880-8426' 71,000 gals 30# X-linked gel	
7970-7980' 1JSPF 8273-8330' 4JSPF		7684-7830' 6000 gals 15% HCL	
8090-8112' 1JSPF 8348-8356' 1JSPF		7865' Retrievable Bridge Plug	
8140-8150' 1JSPF 8372-8390' 1JSPF			
33. PRODUCTION			
Date First Production 9/28/91		Production Method (Flowing, gas lift, pumping—size and type of pump) Flowing	
Well Status (Producing or shut-in) Producing			
Date of Test 10/1/91		Hours Tested 4	
Choke Size 14/64"		Prod'n. for Test Period →	
Oil—BBL. 52		Gas—MCF. 27	
Water—BBL. 5		Gas-Oil Ratio 519	
Flow. Tubing Press. 165 psi		Casing Pressure 0	
Calculated 24-Hour Rate →		Oil—BBL. 312	
Gas—MCF. 160		Water—BBL. 30	
Oil Gravity-API (CORR.) 34.7			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SJS	
SIGNED <u>Kira A. Colvin</u>		TITLE <u>Asst. Admin. Analyst</u>	
DATE <u>10/1/91</u>			

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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
Rd Bd & Surf. RX	0	600		Rustler	540	521
Salt & Anhy	600	1950		Yates	1950	1949
Dolo & Sand	1950	3700		7 Rivers	2350	2355
Sand & Dolo	3700	4100		Bowers	2798	2808
Sand	4100	5100		Queen	3050	3058
Dolo & Lime	5100	7300		Penrose	3269	3280
Sand	7300	7700		Grayburg	3554	3566
Dolo	7700	7900		San Andres	3981	4005
Sand	7900	TD		Delaware	4418	4470
				Bone Springs	5130	5211