

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 <u>11 3 37 41 94</u>		5. LEASE DESIGNATION AND SERIAL NO. NM-77052	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>P&A'd</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701		8. FARM OR LEASE NAME Watkins 29 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (N), 660' FSL and 1980' FWL, Sec. 29, T-18S, R-32E At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO. 30-025-32177		DATE ISSUED	
15. DATE SPUDDED 8-19-93		16. DATE T.D. REACHED 9-14-93	
17. DATE COMPL. (Ready to prod.) P&A'd 12-22-93		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3707.2' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8700'	
21. PLUG. BACK T.D., MD & TVD Surface		22. IF MULTIPLE COMPL. HOW MANY* N/A	
23. INTERVALS DRILLED BY All		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL/GR; LDT/CNL/GR	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
13-3/8"		48#	
8-5/8"		32#	
5-1/2"		15.5#	
Depth Set (MD)		Hole Size	
460'		17-1/2"	
2685'		12-1/4"	
3419'		7-7/8"	
Cementing Record		Amount Pulled	
475 sx C1 "C"		None	
1250 sx Lite + 200 sx "C"		None	
150 sx Lite + 200 sx "C"		1520'	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
N/A		N/A	
Top (MD)		Depth Set (MD)	
Bottom (MD)		Packer Set (MD)	
Sacks Cement*		Screen (MD)	
31. PERFORATION RECORD (Interval, size and number) 3094'-3102' & 3138'-3146' (10 holes) Plugged		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval (MD) 3094'-3146' Amount and Kind of Material Used CIBP @ 3050' w/ 35 sx "C" on top.	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
Date First Production N/A		Production Method (Flowing, gas lift, pumping—size and type of pump) N/A	
Well Status (Producing or shut-in) Plugged & abandoned		TEST WITNESSED BY	
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.)		35. LIST OF ATTACHMENTS Deviation Survey, Logs, Sundry Notice (subsequent report of plugging)	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. SIGNED <u>Sr. Production Clerk</u> DATE <u>12/28/93</u>	

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
3140 5145 7140 8217 8247 8249 8334 8338 8342 8346 8351 8437 8445			Rotary Sidewall Cores - All sandstone, very fine to fine grained w/ variable amounts of dolomite cement	Base Salt Yates 7 Rivers Queen Grayburg Delaware 1st Bone Spring Sand 2nd Bone Spring Carbonate	2467 2675 3082 3722 4376 5182 8192 8541	