

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-76919	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other <u>Horizontal Lateral</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME CA # NM-94452	
2. NAME OF OPERATOR ☒ Santa Fe Energy Resources, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551		8. FARM OR LEASE NAME, WELL NO. Roaring Springs "14" Fed Com #5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (H), 1980' FNL & 660' FEL, Sec. 14, T-21S, R-23E At top prod. interval reported below At total depth (F), 2274.74' FNL & 2450.94' FWL		9. API WELL NO. 30-015-28302	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 12/15/95		16. DATE T.D. REACHED 1/1/96	
17. DATE COMPL. (Ready to prod.) 7/26/99 (Horiz Lateral)		18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3814' GR	
19. ELEV. CASINGHEAD		10. FIELD AND POOL, OR WILDCAT Dagger Draw, South (Upper Penn)	
20. TOTAL DEPTH, MD & TVD 8103'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-21S, R-23E	
21. PLUG, BACK T.D., MD & TVD 8064'		12. COUNTY OR PARISH Eddy	
22. IF MULTIPLE COMPL., HOW MANY* N/A		13. STATE NM	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7769' - 10,135' MD (7635.21' TVD) Upper Penn	
25. ROTARY TOOLS All		26. TYPE ELECTRIC AND OTHER LOGS RUN Previously Sent	
27. CABLE TOOLS N/A		28. WAS DIRECTIONAL SURVEY MADE Yes	
29. WAS WELL CORED No		30. TYPE ELECTRIC AND OTHER LOGS RUN Previously Sent	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" J-55	36.0#	1213'	12-1/4"	800 sx C1 A, Lite. C (cir	None
7" K-55	26.0#	8103'	8-3/4"	450 sx C1 H (TOC 5250')	None

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"	8016'	N/A

31. PERFORATION RECORD (Interval, size and number) 7788'-7944' (66 holes) 4" csg gun 7769' - 10,135' Open Hole Lateral				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				7788'-7944'	4000 gals 15% HCl acid
				7769-10,135' OH	Acid w/ 347 bbl 20% HCl, 242 bbl foaming fluid, 234,700 SCF Nitrogen

33.* PRODUCTION							
DATE FIRST PRODUCTION 8/5/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping - DN-1100 pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8-15-99	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL - BBL. 272	GAS - MCF. 536	WATER - BBL. 834	GAS - OIL RATIO 1900
FLOW. TUBING PRESS. N/A	CASING PRESSURE 140	CALCULATED 24-HOUR RATE →	OIL - BBL. 272	GAS - MCF. 536	WATER - BBL. 834	OIL GRAVITY - API (CORR.) 42 deg	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold	TEST WITNESSED BY
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35. LIST OF ATTACHMENTS C-104, Directional Survey, C-102

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Paul Keckley TITLE Regulatory Specialist DATE 1-18-00

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cisco Canyon			Oil, Water, Gas	San Andres	452	
				Glorieta	2164	
				Bone Spring	3880	
				Bone Spring Snd	5830	
				Wolfcamp	6136	
				Wolfcamp Dolo	6258'	
				Cisco Canyon	7530	