

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-92199	
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 Santa Fe Energy Resources, Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/686-6612				8. FARM OR LEASE NAME, WELL NO. Rio Blanco "4" Federal #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (F), 1980' FNL and 1980' FWL, Sec. 4, T-23S, R-34E At top prod. interval reported below				9. API WELL NO. 30-025-34515	
At total depth				10. FIELD AND POOL, OR WILL/CAT Antelope Ridge North Bell Lake (Morrow)	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 11/4/98				16. DATE T.D. REACHED 12/19/98	
17. DATE COMPL. (Ready to prod.) 2/26/99				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3404' GR	
20. TOTAL DEPTH, MD & TVD 13,380'				21. PLUG, BACK T.D., MD & TVD 13,373	
22. IF MULTIPLE COMPL., HOW MANY* N/A				23. INTERVALS DRILLED BY ROTARY TOOLS A11	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 12,916' - 12,945' (Morrow)				25. WAS DIRECTIONAL SURVEY MADE? No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express Azimuthal LL/Micro CFL; Three Detector Density/CNL				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
20" J-55 Buttress		94.0#		735'	
13-3/8" J-55		61.0#		2,236'	
9-5/8" S-95		40.0#		5,168'	
7" P-110		26.0#		11,718'	
29. LINER RECORD		30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)	
4-1/2"		11,506'		13,373'	
		SACKS CEMENT*		SCREEN (MD)	
		200 SX "H"			
		SIZE		DEPTH SET (MD)	
		2-3/8"		12,630'	
		PACKER SET (MD)			
		12,663'			
31. PERFORATION RECORD (Interval, size and number) 12,916' - 12,922' & 12,932' - 12,945' w/ 6 shots per foot					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 12,916' - 12,945' AMOUNT AND KIND OF MATERIAL USED Natural Completion					
33.* PRODUCTION (ORIG. SGD) DAVID B. GLASS DATE FIRST PRODUCTION 2/26/99 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 3/31/99		HOURS TESTED 4 hrs		CHOKE SIZE varied	
PROD'N. FOR TEST PERIOD		OIL - BBL. 4.6		GAS - MCF 710	
WATER - BBL. 1.3		GAS - OIL RATIO 336735			
FLOW. TUBING PRESS. 5290-4900		CASING PRESSURE pkr.		CALCULATED 24-HOUR RATE OIL - BBL. 27.6	
GAS - MCF. CAOF = 25,237		WATER - BBL. 7.7		OIL GRAVITY - API (CORR.) 49.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to LG&E				TEST WITNESSED BY	
35. LIST OF ATTACHMENTS C-104, Deviation Survey, Logs, C-122 + attachments					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Timothy McCallough</u>				TITLE <u>Sr. Production Clerk</u>	
DATE <u>4/22/99</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	MEAS. DEPTH	TRUE VERT. DEPTH
RECEIVED APR 28 '99 BLM ROSWELL, NM				Delaware	5,000	
				Bone Spring	8,460	
				Wolfcamp	10,940	
				Strawn	11,870	
				Atoka	12,160	
				Morrow	12,210	
				Morrow Clastics	12,680	