

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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR ☐	Other ☐
2. NAME OF OPERATOR Santa Fe Energy Resources, Inc.						5. LEASE DESIGNATION AND SERIAL NO. NM-43564	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/686-6612						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N.M. Oil Cons. Co.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (L), Sec. 21, T-22S, R-34E, 1980' FSL and 660' FWL At top prod. interval reported below						7. UNIT AGREEMENT NAME P.O. Box 1980 Hobbs, NM 88241	
At total depth						8. FARM OR LEASE NAME, WELL NO. Gaucho 21 Federal No. 1	
14. PERMIT NO.						9. API WELL NO. 30-025-34266	
DATE ISSUED						10. FIELD AND POOL, OR WILDCAT Ojo Chiso Morrow, West	
12. COUNTY OR PARISH Lea						13. STATE NM	
15. DATE SPUDDED 8/06/98		16. DATE T.D. REACHED 10/15/98		17. DATE COMPL. (Ready to prod.) 11/11/98		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3445' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 13,450'		21. PLUG, BACK T.D., MD & TVD 13,295'		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY →		ROTARY TOOLS All		CABLE TOOLS N/A		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 12,970' - 12,984' (Morrow)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN TDD/CNL, ALL/MCFL, RFT		27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size/Grade		Weight, LB./FT.		Depth Set (MD)		Hole Size	
20" H-40		94.0#		830'		26"	
13-3/8" J-55		81.0#		2,275'		17-1/2"	
9-5/8" K-55&L-80		40.0#		5,180'		12-1/4"	
7" S-95		26.0#		11,880'		8-3/4"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4-1/2"		11,657'		13,445'		225 SX "H"	
33. PRODUCTION		DATE FIRST PRODUCTION 11/26/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/22/98		HOURS TESTED 4 hrs.		CHOKE SIZE varied		PROD'N. FOR TEST PERIOD →	
OIL - BBL. 0		GAS - MCF. 145		WATER - BBL. 0		GAS - OIL RATIO N/A	
FLOW. TUBING PRESS. 2784-3930		CASING PRESSURE pkf.		CALCULATED 24-HOUR RATE →		OIL - BBL. 7	
GAS - MCF. CAOF 2373		WATER - BBL. 0.3		OIL GRAVITY - API (CORR.) 49.3		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to LG&E	
35. LIST OF ATTACHMENTS C-104, Deviation Survey, C-122 + attachments, Logs		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. TEST WITNESSED BY (ORIG. SGD.) DAVID R. GLASS JAN 2 8 1999		38. SIGNED JERRY McCullough Sr. Production Clerk	
DATE 1/8/99		39. (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
Delaware	5280	8479	Water	Delaware	5280	
Morrow	12901	12916	Gas & Water	Bone Spring	8479	
Gramma Ridge 'AA'				Wolfcamp	11,458	
Morrow	12968	12983	Gas	Strawn	11,868	
Gramma Ridge 'A'				Atoka	12,170	
				Morrow	12,426	
				Morrow Clastics	12,894	