

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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-88134					
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										8. FARM OR LEASE NAME, WELL NO. H. B. "11" Federal No. 11					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (J), 2080' FSL and 1930' FEL, Sec. 11, T-24S, R-29E At top prod. interval reported below										9. API WELL NO. 30-015-29739					
At total depth										10. FIELD AND POOL, OR WILDCAT Cedar Canyon (Bone Spring)					
14. PERMIT NO. _____ DATE ISSUED _____										11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Sec. 11, T-24S, R-29E					
15. DATE SPUDDED 10/31/97										12. COUNTY OR PARISH Eddy					
16. DATE T.D. REACHED 11/14/97										13. STATE NM					
17. DATE COMPL. (Ready to prod.) 12/17/97										18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3040' GR					
19. ELEV. CASINGHEAD										20. TOTAL DEPTH, MD & TVD 8460'					
21. PLUG, BACK T.D., MD & TVD 8415'										22. IF MULTIPLE COMPL., HOW MANY* N/A					
23. INTERVALS DRILLED BY →										24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 8112'-8132' (Bone Spring)					
25. WAS DIRECTIONAL SURVEY MADE No										26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT/GR; Platform Express Az LL					
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		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
13-3/8" H-40		48.0#		353'		17-1/2"		400 sx C1 C (Circ'd)		None					
8-5/8" K-55		24.0 & 32.0#		3118'		11"		1000 sx Poz & "C" (circ'd)		None					
5-1/2" K-55		15.5 & 17.0#		8460'		7-7/8"		1050 sx "C" & "H" (TOC 3514')		None					
29. LINER RECORD												30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
N/A										2-7/8"		8085'		N/A	
31. PERFORATION RECORD (Interval, size and number) 8112-118'; 8121-123'; 8126'-128'; 8132' w/ 4" csg gun												32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
												DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
												8112'-8132'		13,000 gal pad, 31,000 gal gel w/ 85,000# 16/30 white & resin coated sand.	
														840 gal acetic acid.	
33.* PRODUCTION															
DATE FIRST PRODUCTION 12/9/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping w/ 2-1/2" x 1-3/4" x 25' three tube pump								WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 12/19/97		HOURS TESTED 24		CHOKE SIZE N/A		PROD'N. FOR TEST PERIOD →		OIL - BBL. 43		GAS - MCF. 185		WATER - BBL. 344		GAS - OIL RATIO 4302	
FLOW. TUBING PRESS. N/A		CASING PRESSURE 60		CALCULATED 24-HOUR RATE →		OIL - BBL. 43		GAS - MCF. 185		WATER - BBL. 344		OIL GRAVITY - API (CORR.) 42.1			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold										TEST WITNESSED BY					
35. LIST OF ATTACHMENTS C-104, Deviation Survey, Logs															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED <u>Dee McCallough</u> TITLE <u>Sr. Production Clerk</u> DATE <u>3/23/98</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, 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	3212'	
				Cherry Canyon	4080'	
				Brushy Canyon	5672'	
				Lwr. Brushy Cny	6618'	
				Bone Spring	6894'	
				1st Bone Spg Snd	7924'	
				(J). 2080' FSL and	1970' FEL, Sec 915/687-2451 R-29	915/687-3551