

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

N.M. Oil Conservation Division

311 S. 1st Street

NM-81616

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____			7. UNIT AGREEMENT NAME		
2. NAME OF OPERATOR Santa Fe Energy Resources, Inc.			8. FARM OR LEASE NAME, WELL NO. H. B. "10-A" Fed. No. 8		
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551			9. API WELL NO. 30-015-29915		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (P), 660' FSL & 400' FEL, Sec. 10, T-24S, R-29E At top prod. interval reported below At total depth			10. FIELD AND POOL, OR WILDCAT Cedar Canyon Bone Spring		
14. PERMIT NO.			DATE ISSUED		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-24S, R-29E
15. DATE SPUDDED 12/3/97			16. DATE T.D. REACHED 12/15/97		12. COUNTY OR PARISH Eddy
17. DATE COMPL. (Ready to prod.) 1/6/98			18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2944' GR		13. STATE NM
20. TOTAL DEPTH, MD & TVD 8214'		21. PLUG, BACK T.D., MD & TVD 8174'	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)* 7829' - 7929' (Bone Spring)					CABLE TOOLS N/A
26. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express Three Detector Density CNL/GR					25. WAS DIRECTIONAL SURVEY MADE No
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#	350'	17-1/2"	400 sx "C" (circ'd)	None
8-5/8" K-55	24.0 & 32.0#	2933'	11"	1000 sx Poz & "C" (circ'd)	None
5-1/2" K-55	15.5 & 17#	8214'	7-7/8"	1045 sx "C" & "H" (TOC 3210')	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
N/A					2-7/8"	7961'
						N/A

31. PERFORATION RECORD (Interval, size and number) 7829-7834'; 7844-7849'; 7922-7929' (1 SPF) 4" csg gun (total 20 holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 7829'-7929' 250 gals 7-1/2% HCl. Frac'd w/ 34,500 gal gel with 122,400# 16/30 mesh & Super LC sand.	
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33.* PRODUCTION							
DATE FIRST PRODUCTION 1/2/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/12/98	HOURS TESTED 24 hrs	CHOKE SIZE 19/64"	PROD'N. FOR TEST PERIOD →	OIL - BBL. 227	GAS - MCF. 907	WATER - BBL. 149	GAS - OIL RATIO 3996
FLOW. TUBING PRESS. 960#	CASING PRESSURE 1500#	CALCULATED 24-HOUR RATE →	OIL - BBL. 227	WATER - BBL. 149		OIL GRAVITY - API (CORR.) 43.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold to Highland Gas Corp. (connected 1/6/98)

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 Dennis McCullough TITLE Sr. Production Clerk DATE 2/10/98

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
1st Bone Spring Sand	7795'	8125'	017 sands	Delaware	2998	
				Cherry Canyon	3882	
				Manzanita	4020	
				Brushy Canyon	5507	
				Bone Spring	6774	
				Lower Brushy Canyon	6450	
				1st Bone Spring		
				Sand	7795	

BLM
ROSWELL, NM

FEB 12 '98

RECEIVED