

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

M. OIL CONS. COMMISSION

BOX 1000 NO. 1004-0137
NEW MEXICO 88240

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		1. LEASE DESIGNATION AND SERIAL NO. NM-77064	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>		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 915/687-3551		8. FARM OR LEASE NAME, WELL NO. Mesa Verde "6" Federal #8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (F), 1980' FNL & 1980' FWL, Sec. 6, T-24S, R-32E At top prod. interval reported below At total depth		9. API WELL NO. 30-025-32614	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Sand Dunes, South (Bone Spring)	
DATE ISSUED		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T-24S, R-32E	
15. DATE SPUDDED 6/9/95		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 6/23/95		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 7/4/95		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3548' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8740'	
21. PLUG, BACK T.D., MD & TVD 8680'		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0 - 8740'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 8538' - 8564' (Bone Spring)		CABLE TOOLS None	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT/GR; AMS/AIT/GR	
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#	610'	17-1/2"	625 sx Lite & "C"- circ'd	None
8-5/8" J-55	32.0#	4485'	11"	1300 sx Lite & "C"- circ	None
5-1/2" J-55	15.5 & 17.0	8740'	7-7/8"	800 sx Lite & "H"	None
				TOC @ 3550' (CBL)	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
N/A					2-7/8"	8466'
						PACKER SET (MD)
						N/A

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8538' - 8564' (31 holes) 4" csg gun		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		8538' - 8564'	2100 gals 10% Acetic acid.
			Frac'd w/ 47,000 gals gel w/
			145,000# 10/20 snd & 24,700#
			resin coated sand.

33.* PRODUCTION							
DATE FIRST PRODUCTION 7/3/95		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/7/95	HOURS TESTED 23	CHOKE SIZE 18/64"	PROD'N. FOR TEST PERIOD →	OIL - BBL. 266	GAS - MCF. 440	WATER - BBL. 84	GAS - OIL RATIO 1654
FLOW. TUBING PRESS. 420	CASING PRESSURE 960	CALCULATED 24-HOUR RATE →	OIL - BBL. 278	GAS - MCF. 459	WATER - BBL. 88	OIL GRAVITY - API (CORR.) 40 deg	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - GPM						TEST WITNESSED BY <i>J. Lara</i>	
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35. LIST OF ATTACHMENTS C-104, Deviation Survey, Logs							
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Ernest McCallough* TITLE Sr. Production Clerk DATE 7/11/95

* (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	4592	8450	Sand, Shale, & Lime	Delaware	4592	
Bone Spring	8450	TD	Lime, Sand, & Shale	Bell Canyon	4643	
				Cherry Canyon	5550	
				Brushy Canyon	7130	
				Basal Brushy	8114	
				Bone Spring	8450	
				Avalon Sand	8534	