

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 ☐ P&A		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		8. FARM OR LEASE NAME Kachina 9 Federal	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface (C), 490' FNL and 2131' FWL, Sec. 9, T-18S, R-33E At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT N/A 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 9, T-18S, R-33E	
14. PERMIT NO. 30-025-31787		12. COUNTY OR PARISH Lea	
DATE ISSUED		13. STATE NM	
15. DATE SPUDDED 11-25-92	16. DATE T.D. REACHED 12-29-92	17. DATE COMPL. (Ready to prod.) P&A'd 6-18-93	18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 3962' GR
19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 11,625'	
21. PLUG BACK T.D., MD & TVD Surface		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)* N/A	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DLW/MSFL/LDT/CNL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
DEPTH SET (MD)		HOLE SIZE	
CEMENTING RECORD		AMOUNT PULLED	
13-3/8"		48#	
468'		17-1/2"	
8-5/8"		32#	
4,349'		12-1/4"	
5-1/2"		17#	
11,625'		7-7/8"	
500 sx C1 C		None	
1700 sx C-Lite and "C"		None	
950 sx "H"		4350'	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
N/A		N/A	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11,478'-11,484' (CIBP @ 11,465' w/10' cmt)		DEPTH INTERVAL (MD)	
11,368'-11,436' (CIBP @ 11,360' w/10' cmt)		AMOUNT AND KIND OF MATERIAL USED	
11,304'-11,337' (CIBP @ 11,295' w/10' cmt)		10,798'-10,804' (CIBP @ 10,780' w/10' cmt on top)	
11,214'-11,266' (CIBP @ 11,200' w/35' cmt)		10,704'-10,730' (CIBP @ 9840' w/35' cmt on top)	
10,975'-11,034' (CIBP @ 10,960' w/10' cmt)		8752'-8780' (CIBP 8715' w/ 20 sx cmt on top)	
cont.			
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
N/A		WELL STATUS (Producing or shut-in) Plugged and Abandoned	
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS 3160-5 (Sundry), Deviation Survey, Logs		CARLSBAD, NEW MEXICO	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Ernie McCullough</u>		TITLE <u>Sr. Production Clerk</u>	
DATE <u>June 22, 1993</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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	1528'	
				7 Rivers	3387'	
				Queen	4203'	
				Grayburg	4963'	
				Delaware	5373'	
				Bone Spring	6425'	
				Wolfcamp	9836'	

38. GEOLOGIC MARKERS