

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

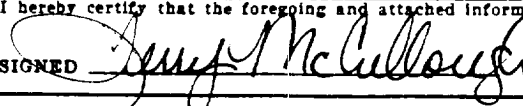
SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
NM-84731

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"/>		
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. CENVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (C) 660' FNL and 1830' FWL At top prod. interval reported below At total depth						8. FARM OR LEASE NAME Kachina 8 Federal	
14. PERMIT NO. API #30-025-30986						9. WELL NO. 1	
DATE ISSUED						10. FIELD AND POOL, OR WILDCAT South Corbin Wolfcamp	
15. DATE SPUDDED 9-29-90						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T-18S, R-33E	
16. DATE T.D. REACHED 10-26-90						12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 11-14-90						13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3931.2' GR						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 11,500'		21. PLUG. BACK T.D., MD & TVD 11,412'		22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,308'- 11,348' (Wolfcamp)						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN LDT/CNT; DLL/MSFL, BHC						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48		353'		17-1/2	
8-5/8		24		2892'		12-1/4	
5-1/2		15.5 & 17		11,500'		7-7/8	
						CEMENTING RECORD	
						400 sx C1 C (circ)	
						1175 sx C1 C (circ)	
						2200 sx C1 H	
						AMOUNT PULLED	
						None	
						None	
						None	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
N/A							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-7/8"		11,178'		11,178'			
31. PERFORATION RECORD (Interval, size and number)							
11,308'-11,348 (40 holes) .41" dia							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
11,308-348'				Spot 500 gals 15% HCL			
33.* PRODUCTION							
DATE FIRST PRODUCTION 11-14-90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-13-91		HOURS TESTED 24		CHOKE SIZE 19.5/64		PROD'N. FOR TEST PERIOD	
						OIL—BBL. 411	
						GAS—MCF. 577	
						WATER—BBL. 59	
						GAS-OIL RATIO 1404	
FLOW. TUBING PRESS. 740		CASING PRESSURE pkr		CALCULATED 24-HOUR RATE 411		OIL GRAVITY-API (CORR.) 42.5°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Conoco, Inc.						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Deviation Survey, Logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 		TITLE Sr. Production Clerk				DATE Jan. 15, 1991	

\*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Queen Bone Spring  Wolfcamp	4218	4232	Oil and Water	Rustler	1447	
	8524	8538	Oil	Seven Rivers	3379	
	8706	8744	Water	Queen	4188	
	9324	9354	Water	Delaware	5574	
	10972	11026	Oil and Water	Bone Spring	6917	
	11150	11246	Oil and Water			
	11306	11350	Oil and Water	Wolfcamp	9860	

38. GEOLOGIC MARKERS