

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

RECEIVED

NM-84731

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PULL BACK ☐ DIFF. CENTER ☐ Other _____		JAN 16 11 07 AM '91		
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.				7. UNIT AGREEMENT NAME Kachina 8 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) 660' FNL and 1830' FWL At top prod. interval reported below At total depth				10. FIELD AND POOL OR WILDCAT South Corbin Wolfcamp		
14. PERMIT NO. API #30-025-30986				DATE ISSUED		
15. DATE SPUDDED 9-29-90				16. DATE T.D. REACHED 10-26-90		
17. DATE COMPL. (Ready to prod.) 11-14-90				18. ELEVATIONS (OF, RKB, BT, GR, 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				ROTARY TOOLS 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)						
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		
13-3/8"		48		353'		
8-5/8"		24		2892'		
5-1/2"		15.5 & 17		11,500'		
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
17-1/2"		400 SX CL C (circ)		None		
12-1/4"		1175 SX CL C (circ)		None		
7-7/8"		2200 SX CL H		None		
29. LINER RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		
N/A						
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD		
				SIZE		
				DEPTH SET (MD)		
				PACKER SET (MD)		
				2-7/8"		
				11,178'		
				11,178'		
31. PREPARATION 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 411		OIL—BSL. 411		GAS—MCF 577		
WATER—BSL. 59		GAS-OIL RATIO 1404		FLOW. TUBING PRESS. 740		
CASING PRESSURE pkc		CALCULATED 24-HOUR RATE 411		OIL—BSL. 411		
GAS—MCF. 577		WATER—BSL. 59		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 <i>James McCullough</i>		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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	4218	4232	Oil and Water	Rustler	1447	
Bone Spring	8524	8538	Oil	Seven Rivers	3379	
	8706	8744	Water	Queen	4188	
	9324	9354	Water	Delaware	5574	
Wolfcamp <i>AE</i>	10972	11026	Oil and Water	Bone Spring	6917	
<i>AF</i>	11150	11246	Oil and Water	Wolfcamp	9860	
<i>AG</i>	11306	11350	Oil and Water			

Handley
10211, 10219

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JAN 23 1991

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