

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MEXICO

SUBMIT IN DUPLICATE

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 <u>JAR 4 10-43 AM '91</u>		5. LEASE DESIGNATION AND SERIAL NO. NM-81958	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESEAL ☐ Other <u>CARL AREA</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701		8. FARM OR LEASE NAME Uncle Sam 13C Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (A) 660' FNL and 660' FEL At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO. API # 30-025-30997		10. FIELD AND POOL, OR WILDCAT West Corbin Delaware	
DATE ISSUED		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T-18S, R-32E	
15. DATE SPUDDED 11-24-90		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 12-1-90		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 12-22-90		19. ELEV. CASINGHEAD 3839' GR	
20. TOTAL DEPTH, MD & TVD 5300'		21. PLUG, BACK T.D., MD & TVD 5258'	
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)* 4970'-4998' Delaware		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL/GR; CNL/LDT/GR		27. WAS WELL CORED No	

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32	428'	12-1/4	300 sx C1 C (circ)	None
5-1/2"	15.5	5300'	7-7/8"	1075 sx C lite + 200 sx C1 C	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8"	4944'	4944'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4970'-86'; 4988'-98' (56 holes) 2 JSPF 4" gun		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		4970'-4998'	1300 gal 15% NEFE HCl + 80 BS. Frac w/ 21,400 gal XL-35 Borate gel + 74,800# 20/40 Ottawa sand.

33.* PRODUCTION							
DATE FIRST PRODUCTION 12-17-90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1 1/2" x 20' Insert pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-30-90	HOURS TESTED 24	CHOKE SIZE n/a	PROD'N. FOR TEST PERIOD →	OIL—BBL. 171	GAS—MCF. 81	WATER—BBL. 8	GAS-OIL RATIO 474
FLOW. TUBING PRESS.	CASING PRESSURE 50	CALCULATED 24-HOUR RATE →	OIL—BBL. 171	GAS—MCF. 81	WATER—BBL. 8	OIL GRAVITY-API (CORR.) 38.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - waiting on sales connection	TEST WITNESSED BY
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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 Jimmy McCullough TITLE Sr. Production Clerk DATE Jan. 2, 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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Yates	2868	2884	Oil and Water	Rustler	1306	
L. Grayburg C	4970	4998	Oil and Water	Base/Salt	2610	
L. Grayburg E	5078	5124	Water	Yates	2867	
				Seven Rivers	3219	
				Queen	4018	
				Penrose	4296	
				Grayburg	4508	
				Loco Hills	4582	
				Premier	4764	
				L. Grayburg "C"	4970	
				L. Grayburg "E"	5078	

38. GEOLOGIC MARKERS

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