

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 ☐			
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	CABLE ☐	OTHER ☐
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.								
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (F) 1980' FWL, 1980' FNL, Sec. 27, T-21S, R-32E At top prod. interval reported below At total depth								
14. PERMIT NO. API # 30-025-31095					DATE ISSUED			
15. DATE SPUDDED 12-15-90					16. DATE T.D. REACHED 2-6-91		17. DATE COMPL. (Ready to prod.) 5-18-91	
18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 3698' GR					19. ELEV. CASINGHEAD --			
20. TOTAL DEPTH, MD & TVD 14,715'		21. PLUG. BACK T.D., MD & TVD 14,561'		22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY -->		24. ROTARY TOOLS All
25. CABLE TOOLS --								26. WAS DIRECTIONAL SURVEY MADE No
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 14,292' - 14,300' (Morrow)								28. WAS WELL CORED No
29. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MLL/GR; DIFL/GR/SP; CZD/CN/GR/C								
30. CASING RECORD (Report all strings set in well)								
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD
13-3/8"		48#		665'		17-1/2"		850 sx C1 C (circ)
9-5/8"		40#		4669'		12-1/4"		3000 sx Lite + 450 sx "C"
7"		26#		12,020'		8-1/2"		750 sx 50/50 POZ
31. LINER RECORD								
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)
4-1/2"		11,670'		14,714'		625 sx "H"		
32. TUBING RECORD								
SIZE		DEPTH SET (MD)		PACKER SET (MD)				
2-3/8"		14,080'		13,997'				
33. PERFORATION RECORD (Interval, size and number)								
14,292'-14,300' (1-11/16" Enerjet, 1 SPF) 9 holes								
34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED				
14,292-300'				1500 gals 15% HCl				
35. PRODUCTION								
DATE FIRST PRODUCTION 5-18-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 5/21/91		HOURS TESTED 4 hrs		CHOKE SIZE var		PROD'N. FOR TEST PERIOD -->		OIL—BBL. 1
FLOW. TUBING PRESS. 4470		CASING PRESSURE pkc		CALCULATED 24-HOUR RATE -->		OIL—BBL. 6		GAS—MCF. CAOF 80953
						WATER—BBL. 0		GAS-OIL RATIO 51.2
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Transwestern sales line (SI as of 7/1/91)								
37. TEST WITNESSED BY								
38. LIST OF ATTACHMENTS C-122 + attach; C-104, Inclination Report, Logs								
39. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records								
SIGNED [Signature]		TITLE Sr. Production Clerk					DATE July 1, 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.
Morrow	13935	13982	DST No. 1 IH 8871; TF - no flow (21 min); 2nd F - 3452 to 3452 psi (60 min); FSI 4011 psi (180 min); FH 8871 no recovery. Sampler rec 2350 cc drlg mud, no press
Morrow Sand	14290	14340	Gas Productive zone (perfs)
Morrow Sand	14388	14398	Probable tight gas and water zone
Morrow Sand	14434	14452	Probable tight gas zone

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware Sand	4787	
Bone Spring	8692	
Wolfcamp	11797	
Strawn	13134	
Atoka Clastics	13303	
Lower Atoka	13542	
Morrow	13781	
Morrow Clastic	14072	
Morrow Sand	14290	
Lower Morrow	14625	

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