

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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM-63019	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____		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 Bilbrey 27 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FWL & 1980' FSL, Sec. 27, 21S, 32E At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 8-27-90		16. DATE T.D. REACHED 10-8-90	
17. DATE COMPL. (Ready to prod.) 11-21-90		18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 3685.6' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 14,772'	
21. PLUG BACK T.D., MD & TVD 14,679'		22. IF MULTIPLE COMPL. HOW MANY* N/A	
23. INTERVALS DRILLED BY ROTARY TOOLS All		CABLE TOOLS N/A	
24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 14,424'-14,436' (Morrow)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC, CNL/LDT, DLL, Phasor		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48#	655'	17-1/2"
9-5/8"	40#	4673'	12-1/4"
7"	29#	12,040'	8-1/2"
			6"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	11,731'	14,770'	520 sx
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	14,328'	14,328'	
31. PERFORATION RECORD (Interval, size and number) 14,424'-14,436' (26 holes) .5 dia 2 SPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
14,424'-14,436'		1500 gals 7 1/2% Morrow acid	
33.* PRODUCTION			
DATE FIRST PRODUCTION 11-1-90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 2-2-91	HOURS TESTED 4 hrs	CHOKE SIZE var	PROD'N. FOR TEST PERIOD →
OIL—BSL. 2	GAS—MCF. 252	WATER—BSL. 0	GAS-OIL RATIO 126.000
FLOW. TUBING PRESS. 2100	CASING PRESSURE pkc	CALCULATED 24-HOUR RATE →	OIL—BSL. 12
GAS—MCF. AOF = 2693	WATER—BSL. 0	OIL GRAVITY-API (CORR.) 48.9	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Transwestern Pipeline Co.			
35. LIST OF ATTACHMENTS C-104, C-122, 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>[Signature]</i>		TITLE Sr. Production Clerk	
DATE Feb. 13, 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
Morrow	13,922	13,960	DST #1 F 11.3 MMCEGPD, Rec W.C. (7000' used. Smplr 12.9 cfg 1500 ccm 4300# IH 8465 IF 7166 (5") ISIP 8448 FF 6848 - 7359 FSIP 8440 FH 8442 193°F	Rustler Bell Canyon Cherry Canyon Brushy Canyon Bone Spring Strawn Atoka Clastic Morrow Lower Morrow	976 4625 5598 7190 8718 13130 13292 13774 14616	976 4625 5598 7190 8718 13130 13292 13774 14616
Morrow	14,423	14,458	Zone of Sandstone porosity			

38. GEOLOGIC MARKERS