

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION

Drawer DD
SUBMIT IN DUPLICATE
Artesia, NM 88210
(See instructions on reverse side)

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-45236	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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 Sterling Silver 33 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface (N), 660' FSL and 1980' FWL, Sec. 33, T-23S, R-31E At top prod. interval reported below At total depth		9. WELL NO. 10	
14. PERMIT NO. 30-015-27550		10. FIELD AND POOL, OR WILDCAT Sand Dunes, W. (Delaware)	
DATE ISSUED FEB 10 1994		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T-23S, R-31E	
15. DATE SPUDDED 11-24-93		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 12-9-93		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 1-4-94		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3402' GR	
19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 8150'	
21. PLUG. BACK T.D., MD & TVD 8096'		22. IF MULTIPLE COMPLEMENTS, HOW MANY? 1	
23. INTERVALS, ROTARY TOOLS, CABLE TOOLS N/A		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7954'-7994' (Delaware)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN No	
27. WAS WELL CORED No			
28. CASING RECORD (Report all casing set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48#	587'	17-1/2"
8-5/8"	32#	4200'	12-1/4"
5-1/2"	15.5 & 17.0	8150'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
350 sx Lite + 250 sx "C"		None	
1600 sx Lite + 500 sx "C"		None	
480 sx H, 75 sx Lite, & 400 sx Neat		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"	8015'	N/A	
31. PERFORATION RECORD (Interval, size and number) 7954'-7994' (1 JSP) 4" csg gun, 40 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7954'-7994'		1500 gal 7 1/2% HCl w/ 80 BS. Frac'd w/ 56,300 gal gel + 80,500# 16/30 Ottawa sand and 15,000# resin coated sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1-3-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 1-7-94	HOURS TESTED 24	CHOKE SIZE 23/64"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 340	GAS—MCF. 330	WATER—BBL. 79	GAS-OIL RATIO 971
FLOW. TUBING PRES. 580	CASING PRESSURE 120	CALCULATED 24-HOUR RATE →	OIL—BBL. 340
GAS—MCF. 330	WATER—BBL. 79	OIL GRAVITY-API (CORR.) 39°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Llano, Inc.			
TEST WITNESSED BY			
35. LIST OF ATTACHMENTS C-104, 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>		Sr. Production Clerk	
DATE		1/20/94	

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	455		Anhydrite			
Salado			Salt/Anhydrite			
Delaware	4244	5110	Sand, Shale, Dolomite			
Cherry Canyon	5110	6411	Sand, Shale, Dolomite			
Brushy Canyon	6411	8050	Sand, Shale, Dolomite			
Bone Spring	8050	8150	Limestone			
TD	8150					