

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL COM. COMMISSION
SUBMIT IN DUPLICATE
Drawer DD See other In-
Artesia, NM 88210

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

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. NM-81945	
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 Palladium 13 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface (P), 740' FSL and 660' FEL, Sec. 13, T-24S, R-30E At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO. 30-015-28057				10. FIELD AND POOL, OR WILDCAT Poker Lake, NW (Delaware)	
DATE ISSUED				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T-24S, R-30E	
15. DATE SPUDDED 8-7-94		16. DATE T.D. REACHED 8-18-94		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 9-2-94		18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 3490' GR		13. STATE NM	
20. TOTAL DEPTH, MD & TVD 8170'		21. PLUG. BACK T.D., MD & TVD 8124'		19. ELEV. CASINGHEAD --	
22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY All		25. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7976'-8016' (Delaware)				26. TYPE ELECTRIC AND OTHER LOGS RUN LDT/CNL; DITE	
27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	423'	17 1/2"	125 sx Lite & 200 sx "C"	None
8-5/8"	32#	4145'	11"	1000 sx Lite & 200 sx "C"	None
5-1/2"	15.5 & 17.0	8170'	7-7/8"	225 sx Lite & 325 sx "H"	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
N/A					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-7/8"	8054'	N/A			
31. PERFORATION RECORD (Interval, size and number) 7976'-8016' (40 holes) 4" csg gun					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
7976'-8016'			Frac'd w/ 57,300 gal gel + 112,270# 16/30 Ottawa sand & 15,180# resin coated sand		
33. PRODUCTION					
DATE FIRST PRODUCTION 8-30-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 9-8-94	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD 88	OIL—BBL. 150	GAS—MCF. 217
WATER—BBL. 1705	GAS-OIL RATIO				
FLOW. TUBING PRESS. N/A	CASING PRESSURE 80	CALCULATED 24-HOUR RATE 88	OIL—BBL. 150	GAS—MCF. 217	WATER—BBL. 42°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Currently being vented pending pipeline connection					
35. LIST OF ATTACHMENTS C-104, Deviations Survey, Logs					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Perry McCullough</u> TITLE <u>Sr. Production Clerk</u> DATE <u>9/12/94</u>					

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bell Canyon	4256'	5317'				
Cherry Canyon	5317'	6418'				
Brushy Canyon	6418'	8082'				
Bone Spring	8082'	8170' TD				