

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM L CONS COMMISSION
SUBMIT IN DPL AIBD
Artesia NM 88210
Budget Bureau No. 1004-0137
Expires August 31, 1985
LEASE DESIGNATION AND SERIAL NO.
NM-57273

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				7. UNIT AGREEMENT NAME _____			
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.				8. FARM OR LEASE NAME Palladium 7 Federal			
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701				9. WELL NO. 1			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (A), 610' FNL and 760' FEL At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Undesignated (Delaware)			
14. PERMIT NO. 30-015-27890				DATE ISSUED APR 23 1994		12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 3-24-94				16. DATE T.D. REACHED 4-6-94		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 4-19-94				18. ELEVATIONS (OF RNB, RT, GR, ETC.)* 3510' KB, 3497' GR		19. ELEV. CASINGHEAD --	
20. TOTAL DEPTH, MD & TVD 8195'		21. PLUG. BACK T.D., MD & TVD 8126'		22. IF MULTIPLE COMPL. HOW MANY* N/A		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7980' - 8020' (Delaware)						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT; DIL/MSFL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48#		581'		17-1/2"	
8-5/8"		32#		4230'		12-1/4"	
5-1/2"		15.5 & 17#		8195'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED					
650 sx "C" (circ'd)		None					
1500 Lite & 500 "C"		None					
450 H, 100 Lite, 300 Neat		None					
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
N/A							
SCREEN (MD)		30. TUBING RECORD					
		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
		2-7/8"		7973'		N/A	
31. PERFORATION RECORD (Interval, size and number) 7980' - 8020' (40 holes) 1 SPF, 4" HCCC							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7980'-8020'				1500 gal 7 1/2% HCl + 80 BS. Frac'd w/ 57,300 gal gel, 108,980# 16/30 sand & 15,260# 15,260# resin coated sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 4-19-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-21-94		HOURS TESTED 24		CHOKE SIZE 24/64"		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 225		CASING PRESSURE 1000		CALCULATED 24-HOUR RATE →		OIL—BBL. 282	
						GAS—MCF. 375	
						WATER—BBL. 187	
						GAS-OIL RATIO 1330	
						OIL GRAVITY-API (CORR.) 40°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented pending sales connection						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>Jerry McCullough</i>				TITLE Sr. Production Clerk		DATE 4-22-94	

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
Bell Canyon	4258	5384	Sandstone, Siltstone, Shale			
Cherry Canyon	5384	6472	Sandstone, Siltstone, Shale			
Brushy Canyon	6472	8084	Sandstone, Siltstone, Shale			
Bone Spring	8084		Limestone, Shale			
TD		8195				

38.



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

April 08, 1994

Santa Fe Energy Operating Partners, L.P.
ATT: Drilling Department
550 W. Texas, Suite 1330
Midland, Texas 79701

REF: Palladium "7" Fed #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

448' - 1/2°	2930' - 3/4°	5729' - 1/4°
581' - 1°	3429' - 1°	6205' - 1/2°
1083' - 1°	3900' - 1 1/2°	6705' - 3/4°
1547' - 1°	4230' - 1 1/2°	7178' - 1°
1930' - 1°	4733' - 1 1/2°	7676' - 1 1/4°
2429' - 1/2°	5229' - 1/2°	8195' - 1°

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 08th day of April 1994 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC