

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		N.M. Oil Cons. Division 811 S. 1st Street Artesia, NM 88210-2834	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>			
2. NAME OF OPERATOR Santa Fe Energy Resources, Inc.		3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (G), 1800' FNL & 1980' FEL, Sec. 7, T-24S, R-31E At top prod. interval reported below  At total depth		5. LEASE DESIGNATION AND SERIAL NO. NM-57273 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME, WELL NO. Palladium "7" Federal No.2 9. API WELL NO. 30-015-29145 10. FIELD AND POOL, OR WILLCAT Sand Dunes (Delaware), S. 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T-24S, R-31E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPURRED 12/26/96		16. DATE T.D. REACHED 1/6/97	
17. DATE COMPL. (Ready to prod.) 1/29/97		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3486' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8200'	
21. PLUG, BACK T.D., MD & TVD 8138'		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY →		ROTARY TOOLS All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7979'-8004' (Delaware)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN AIT/GR/SP; LDT/CNL/GR		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8" H-40	48.0	425'	17-1/2"
8-5/8" J-55	32.0	4095'	11"
5-1/2" K-55	15.5 & 17.0	8196'	7-7/8"
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"	7799'	N/A	
31. PERFORATION RECORD (Interval, size and number) 7979'-8004' (26 holes) 4" csg gun			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7979'-8004'		Frac w/ 26,334 gals gel &	
		42,900# 16/30 sand - froze up	
		Frac w/ 276,000# 16/30 white	
		snd & 20,000# 16/30 RC sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1/17/97	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping - 2-1/2" x 1-1/2" x 22' HVRC pump		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2/3/97	HOURS TESTED 24 hrs	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →
FLOW. TUBING PRESS. N/A	CASING PRESSURE 80	CALCULATED 24-HOUR RATE →	OIL - BBL. 208
			GAS - MCF. 130
			WATER - BBL. 136
			GAS - OIL RATIO 625
			OIL GRAVITY - API (CORR.) 40.2 deg
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS C-104, Logs, Deviation Survey			
36. 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 2/10/97			

(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
Bell Canyon	4266	5340	Water Bearing	Delaware	4236	
Cherry Canyon	5340	6455	Possible Oil & Gas bearing from 6210'-6260' and 6410'-6440'. All other intervals water bearing.	Bone Spring	8070	
ashy Canyon	6455	8070	Possibly Oil & Gas bearing from 6530-40'; 6640-70'; 6760-70'; 6862-74'; 7106-20', 7220-40'; 7620-28'; 7680-7700'; 7800-8040'. All other intervals water bearing.			