

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS. COMMISSION

SUBMIT IN DUPLIC.

Antesio NM 88210 (See other instructions on reverse side)

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

clsf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR
550 W. Texas, Suite 1330, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface (B), 660' FNL and 1980' FEL, Sec. 17, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. API # 30-015-27393
DATE ISSUED

15. DATE SPUDDED 7/15/93
16. DATE T.D. REACHED 7/27/93
17. DATE COMPL. (Ready to prod.) 8/8/93
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3326' GR

20. TOTAL DEPTH, MD & TVD 8055'
21. PLUG BACK T.D., MD & TVD 8007'
22. IF MULTIPLE COMPL. HOW MANY? 1

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
7854'-7900' (Delaware)

26. TYPE ELECTRIC AND OTHER LOGS RUN
ZDL/CN/GR; DLL/MLL/GR

5. LEASE DESIGNATION AND SERIAL NO.
NM-45235

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Pure Gold C17 Federal

9. WELL NO.
10

10. FIELD AND POOL, OR WILDCAT
Los Medanos (Delaware)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 17, T-23S, R-31E

12. COUNTY OR PARISH Eddy
13. STATE NM

19. ELEV. CASINGHEAD

23. INTERVALS DRILLED BY
ROTARY TOOLS All
CABLE TOOLS N/A

25. WAS DIRECTIONAL SURVEY MADE
No

27. WAS WELL CORED
No

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"	48.0	570'	17-1/2"	800 sx C1 C (circ)	None
8-5/8"	32.0	4082'	12-1/4"	1800 sx C Lite + 500 sx C (circ)	None
5-1/2"	15.5 & 17.0	8055'	7-7/8"	475 sx H, 125 sx C-Lite, & 400 sx C-Neat	None

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A				2-7/8"	7744'	N/A

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7854'-7900' (47 holes) 4" csg gun		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7854'-7900'	1400 gal 7-1/2% HCl acid w/ 75 BS. Frac'd w/ 66,700 gal gel w/ 108,000# 16/30 Ottawa sand & 15,000# resin coated sand.

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/6/93		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/10/93	24	20/64"		347	595	170	1715
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
600	920		347	595	170	40°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold - connected to Llano on 8/11/93 (vented during test)

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 [Signature] TITLE Sr. Production Clerk DATE Aug. 17, 1993

*(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.
			No cores or DST's taken

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	410	410
Salado	727	727
Base Salt	3830	3830
Lamar	4062	4062
Bell Canyon	4091	4091
Ramsey	4112	4112
Cherry Canyon	5000	5000
Manzanita Mkr.	5155	5155
Brushy Canyon	6299	6299
Bone Spring	7949	7949