

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

See other 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 ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ 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 (A), 660' FNL and 330' FEL, Sec. 17, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. API # DATE ISSUED
30-015-27392

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 C-17 Federal

9. WELL NO.

5

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

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

5-6-93

5-17-93

5-30-93

3342' GR

20. TOTAL DEPTH, MD & TVD

8100'

21. PLUG. BACK T.D., MD & TVD

8080'

22. IF MULTIPLE COMPL. HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

N/A

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7904'-7954' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT; ARI/MSFL/GR; EPT; PHASOR

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#	588'	17-1/2	800 sx C1 C (circ)	None
8-5/8"	32#	4084'	12-1/4	2100 sx "C" Lite & C1 C	None
5-1/2"	15.5 & 17#	8100'	7-7/8	1st: 560 sx "H" 2nd: 600 sx Neat & Lite	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	7795'	N/A

31. PERFORMATION RECORD (Interval, size and number)

7904'-7954' (50 holes) 4" csg gun

32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7904'-7954'	1400 gal 7 1/2% HCl NEFE + 75 BS. Frac w/ 38,000 gal x-linked pad, 23,300 gal gel + 95,960# Ottawa sr

33.*

PRODUCTION

33.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-30-93		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-1-93	24	14/64	→	354	442	109	1249
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
630	1080	→	354	442	109	36.9	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold - Llano, Inc.

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

Jerry McCullough

TITLE Sr. Production Clerk

DATE June 3, 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.	GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
	4196 4210 4214 4244 4885 4930 5922 6157 6166 6173 6643 6830 6845 6865 7648 7719 7722 7760 7770 7785 7798 7810 7906 7948 7951	Rotary Sidewall Cores 		Lamar Lime Bell Canyon Cherry Canyon Manzanita Marker Brush Canyon Bone Spring Lime	4128 4157 5044 5201 6334 7995	4128 4157 5044 5201 6334 7995