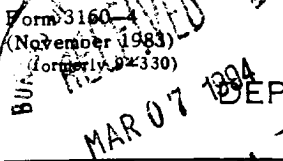


Form 3160-1
(November 1983)
(formerly 2-330)



UNITED STATES

SUBMIT IN DUPLICATE

NM OIL AND GAS COMMISSION

Form approved.

Net Bureau No. 1004-0137

Expires August 31, 1985

DEPARTMENT OF THE INTERIOR

Drawer DD

Artesia, NM 88210

BUREAU OF LAND MANAGEMENT

NM-77046

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION: NEW ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ 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 (I), 1980' FSL and 860' FEL, Sec. 8, T-23S, R-31E
At top prod. interval reported below
At total depth

14. PERMIT NO. 30-015-27597 DATE ISSUED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

North Pure Gold 8 Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Los Medanos (Delaware)

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 8, T-23S, R-31E

12. COUNTY OR PARISH Eddy 13. STATE NM

15. DATE SPUDDED 1-28-94 16. DATE T.D. REACHED 2-10-94 17. DATE COMPL. (Ready to prod.) 2-25-94 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3328.5' KB 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 8080' 21. PLUG. BACK T.D., MD & TVD 8035' 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)* 7870'–7910' (Delaware) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN ZDL/CN/GR/C; DIFL/GR/SP/C 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#	605'	17-1/2"	600 sx C1 C (circ'd)	N/A
8-5/8"	32#	4096'	12-1/4"	1350 sx Lite + 500 sx C1 C (circ'd)	
5-1/2"	15.5 & 17#	8080'	7-7/8"	500 sx H, 800 sx Lite, + 400 sx Neat	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	7840'	N/A

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7870'–7910' (40 holes) 1 SPF w/ 4" csg gun		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7870'–7910'	1500 gals 7 1/2% HCl + 80 BS.
			Frac'd w/ 83,400 gal gel +
			190,000# 16/30 Ottawa sand and
			15,000# resin coated sand.

33.* PRODUCTION							
DATE FIRST PRODUCTION 2-23-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2-26-94	HOURS TESTED 24	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD -->	OIL—BBL. 328	GAS—MCF. 357	WATER—BBL. 117	GAS-OIL RATIO 1088
FLOW. TUBING PRESS. 720	CASING PRESSURE 1210	CALCULATED 24-HOUR RATE -->	OIL—BBL. 328	GAS—MCF. 357	WATER—BBL. 117	OIL GRAVITY-API (CORR.) 40°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Llano, Inc. 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 [Signature] TITLE Sr. Production Clerk DATE 3/4/94

*(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, 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	4113	5197	Sand, Shale, Limestone			
Cherry Canyon	5197	6330	Sand, Shale, Limestone			
Brushy Canyon	6330	7970	Sand, Shale, Limestone			
Bone Spring	7970					
TD	8080		Limestone			