

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-77046

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

North Pure Gold 9 Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Los Medanos (Delaware)

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

Sec. 9, T-23S, R-31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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 (E), 1980' FNL and 660' FWL, Sec. 9, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. API # DATE ISSUED

30-015-27443

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED 7/5/93 16. DATE T.D. REACHED 7/17/93 17. DATE COMPL. (Ready to prod.) 8/1/93

18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 3339' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8123' 21. PLUG. BACK T.D., MD & TVD 8076'

22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY

ROTARY TOOLS

A11

CABLE TOOLS

N/A

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

7910'-7960' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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"	48.0	575'	17-1/2"	800 sx Cl C (circ'd)	None
8-5/8"	32.0	4064'	12-1/4"	1700 sx PSL & Cl C (circ'd)	None
5-1/2"	15.5 & 17.0	8123'	7-7/8"	1050 sx "H", C-Lite, & C-Neat	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7714'	7714'

31. PERFORATION RECORD (Interval, size and number)

7910'-7960' (51 holes) 4" HCCG guns

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7910-7960'	1500 gal 7 1/2% HCl + 65 BS. Frac w/ 55,000 gals 35# x-linked gel + 119,750# 16/30 Ottawa Sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
8/1/93		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKI SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8/3/93	24	16/64"	→	261	284	152	1088	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
840	Pkr.	→	261	284	152	40°		

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

Sold - Connected to Llano, Inc. on 8/3/93

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 Aug. 5, 1993

*(See Instructions and Spaces for Additional Data on Reverse Side)



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

July 19, 1993

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

RE: N. Pure Gold "9" #4

Gentlemen:

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

280' - 1/2°	3351' - 1 1/4°	6027' - 3/4°
575' - 1°	3853' - 2°	6529' - 3/4°
1104' - 1 1/2°	4065' - 2 1/2°	7026' - 3/4°
1574' - 1 3/4°	4553' - 1 3/4°	7520' - 1 1/4°
2075' - 3/4°	5025' - 1 1/4°	7935' - 1/4°
2576' - 2°	5525' - 1°	8123' - 1/4° TD
3072' - 2 1/4°		

Sincerely,

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 19th day of July 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC