

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

4

10. FIELD AND POOL, OR WILDCAT

Sand Dunes, West (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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other CARLSB. ROE AREA HELLERS

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 1780' 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

30-015-27153

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

10-7-92

10-19-92

12-10-92

3345.9' GR

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

8070'

8005'

N/A

All

7888'-7950' (Delaware)

26. TYPE ELECTRIC AND OTHER LOGS RUN

No

27. WAS WELL CORED

Yes

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#	604'	17-1/2"	850 sx "C"	None
8-5/8"	28#	4090'	12-1/4"	2320 sx "C"	None
5-1/2"	15.5 & 17#	8070'	7-7/8"	1st: 550 sx C1 H. 2nd: 300 sx Lite + 400 sx C Neat	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"	7718'	7719'

31. PERFORATION RECORD (Interval, size and number)

7888'-7950' (4" gun - 124 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7888-7950'	3100 gals 7 1/2% acid. Frac'd w/10,000 gal pad + 35,000 gals x-linked gel & 50,000# Ottawa sand. Tagged w/ scandium

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-10-92		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-16-92	24	10/64"	→ 280	280	220	63	786
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
825	pkf	→ 280	280	220	63	38°	

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

Vented during test. Currently SI pending permit to flare and gas connection.

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

TITLE Sr. Production Clerk

DATE 12/17/92

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

47. 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	4180		Rotary sidewall cores SD,Gry,UF GR, SL calc, SL shly	Delware Sand Ramsey	4171	4171
	4195					
	4200			Cherry Canyon Marker	5173	5173
	4205					
	4250			Brushy Canyon	6315	6315
	4272					
	4276			Bone Springs	7988	7988
	6157					
	6180					
	6202					
	6213					
	6218					
	6807					
	6957					
	7510					
	7635					
	7641					
	7745					
	7755					
	7786					
	7803					
	7899					
	7914					
	7930					
	7945					