

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CON COMMISSION Form approved.
SUBMITTED IN DUPLICATE Budget Bureau No. 1004-0137
Expires August 31, 1985

Artesia, NM 88210
LEASE DESIGNATION AND SERIAL NO.
NM-45235

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW ☒ 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 (I), 1980' FSL and 330' FEL, Sec. 17, T-23S, R-31E
At top prod. interval reported below
At total depth

6. IF INDIAN ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME: Pure Gold C-17 Federal
9. WELL NO.: 3
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

14. PERMIT NO. API #: 30-015-27152 DATE ISSUED: 10-17-93
15. DATE SPUDDED: 2-10-93 16. DATE T.D. REACHED: 2-24-93 17. DATE COMPL. (Ready to prod.): 4-9-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 3336.2' GR 19. ELEV. CASINGHEAD: --
20. TOTAL DEPTH, MD & TVD: 8044' 21. PLUG. BACK T.D., MD & TVD: 8027' 22. IF MULTIPLE COMPL. HOW MANY: N/A 23. INTERVALS DRILLED BY: A11 24. ROTARY TOOLS: A11 25. CABLE TOOLS: N/A
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME, MD AND TVD: 7740'--7780' (Delaware) 25. WAS DIRECTIONAL SURVEY MADE: No
26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL/LDT/GR; ARI/SRT; EPT 27. WAS WELL CORED: Yes

CASING RECORD (Report all strings set in well)						AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		
13-3/8"	48.0	607'	17-1/2"	800 sx C1 "C" (circ)		None
8-5/8"	32.0	4111'	12-1/4"	1700 sx C-lite & 500 sx C1 "C" (circ)		"C" (circ)
5-1/2"	15.5 & 17	8042'	7-7/8"	525 sx H, 125 sx lite, & 400 sx "C" in 2 stages		

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	7605'	RBP @ 7852'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7890'-7920' (16 holes) plugged w/RBP		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7740'-7780' (21 holes) 4" csg gun		7890'-7920'	RBP @ 7852'
		7740'-7780'	2000 gal 7 1/2% HCl acid + 42 BS
			Frac w/50,000# sand and 12,500 gal gelled water

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-9-93		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-22-93	12	19/64"		115	136	42	1183
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1000	1125		230	272	84	43°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Flared - sales connection pending
TEST WITNESSED BY

35. LIST OF ATTACHMENTS: C-104, Logs, Deviation Survey, 3160-5 (Request to produce in daylight hours)
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Darryl McCullough TITLE: Sr. Production Clerk DATE: April 30, 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
Brushy Canyon	7740	7800	Core No. 1 - Cut 60' Recovered 58.3'	Rustler	435	435
Brushy Canyon	7873	7933	Core No. 2 - Cut 60' Recovered 60'	Salado	756	756
No DST's Run				Base Salt	3866	3866
				Lamar	4094	4094
				Bell Canyon	4119	4119
				Ramsay	4140	4140
				Cherry Canyon	5010	5010
				Cherry Canyon		
				Marker	5182	5182
				Brushy Canyon	6315	6315
				Bone Spring	7974	7974