

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS. COMMISSION
SUBMITTED BY: Artesia, NM E* 88210
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 ☐		1. LEASE DESIGNATION AND SERIAL NO. NM-45235	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		2. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		3. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701		4. FARM OR LEASE NAME Pure Gold C-17 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface (K), 2080' FSL and 1980' FWL, Sec. 17, T-23S, R-31E At top prod. interval reported below At total depth		5. WELL NO. 12	
14. PERMIT NO. API # 30-015-27421		12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 8/11/93		13. STATE NM	
16. DATE T.D. REACHED 8/22/93		19. ELEV. CASINGHEAD --	
17. DATE COMPL. (Ready to prod.) 9/9/93		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3324' GR	
20. TOTAL DEPTH, MD & TVD 8050'		21. PLUG. BACK T.D., MD & TVD 8002'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM 7850'—7890' (Delaware)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CN/PDL; DSI		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
Casing Size		Hole Size	
13-3/8"	48#	17-1/2"	650 sx Cl "C" (circ)
8-5/8"	32#	12-1/4"	1250 sx Lite + 500 sx "C"
5-1/2"	15.5 & 17.0	7-7/8"	475 sx H, 100 sx Lite + 400 sx Neat
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
N/A		2-7/8"	
31. PERFORATION RECORD (Interval, size and number) 7850'—7890' (40 holes) 1 SPF w/4" csg gun		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 7850'—7890' 1500 gals 7 1/2% acid + 75 BS. Frac w/62,400 gals gel + 98,250# 16/30 Ottawa sand & 15,000# resin coated sand.	
33. PRODUCTION DATE FIRST PRODUCTION: 9-9-93 PRODUCTION METHOD: Flowing WELL STATUS: Producing DATE OF TEST: 9-11-93 HOURS TESTED: 24 CHOKE SIZE: 20/64" PROD'N. FOR TEST PERIOD: 343 OIL—BBL.: 343 GAS—MCF.: 320 WATER—BBL.: 138 GAS-OIL RATIO: 933 FLOW. TUBING PRESS.: 480 CASING PRESSURE: 1050 CALCULATED 24-HOUR RATE: 343 OIL—BBL.: 343 GAS—MCF.: 320 WATER—BBL.: 138 OIL GRAVITY-API (CORR.): 40°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test - connected to Llano, Inc. on 9/13/93			
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: <u>Terry McCullough</u>		TITLE: <u>Sr. Production Clerk</u>	
		DATE: <u>Sept. 16, 1993</u>	

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's or Cores taken	Kustler Salado Base Salt Lamar Bell Canyon Ramsey Cherry Canyon Manzanita Mrk Brushy Canyon Bone Spring	383 710 3820 4050 4078 4102 5016 5165 6606 7932	383 710 3820 4050 4078 4102 5016 5165 6606 7932