

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

Drawn by

Checked by

Approved by

SIGNATURE AND SERIAL NO.

NM-45236

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 (L), 1980' FSL and 660' FWL, Sec. 33, T-23S, R-31E
At top prod. interval reported below
At total depth

14. PERMIT NO. API # DATE ISSUED
30-015-27588

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sterling Silver 33 Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Sand Dunes, W. (Delaware)

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

Sec. 33, T-23S, R-31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 8-3-93 16. DATE T.D. REACHED 8-14-93 17. DATE COMPL. (Ready to prod.) 8-26-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3385' GR

20. TOTAL DEPTH, MD & TVD 8125' 21. PLUG, BACK T.D., MD & TVD 8078' 22. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

All

N.A.

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7900'-7940' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL/MLL; CNL/CDL

27. WAS WELL CORED
No

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#	600'	17-1/2"	400 sx C1 C + 250 sx C-Neat	None
8-5/8"	32#	4165'	12-1/4"	1200 sx PSL + 500 sx C-Neat	None
5-1/2"	15.5 & 17.0	8125'	7-7/8"	530 sx C1 H, 125 sx C-lite, & 400 sx 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"	7850'	N/A

31. PERFORATION RECORD (Interval, size and number)

7900'-7940' (40 holes) 1 SPF w/ 4" csg gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7900'-7940'	1500 gals 7-1/2% HCl acid + 75 BS. Frac'd w/ 58,000 gal gel + 78,250# 16/30 Ottawa sand and 15,000# resin coated sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-26-93		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-31-93	24	22/64"	→	311	442	72	1421
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
500	1050	→	311	442	72	40°	

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

Vented during test. Connected to Llano, Inc. on 9/2/93

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 Sept. 3, 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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No cores or DST's taken	Rustler Salato Base Salt Lamar Bell Canyon Ramsey Cherry Canyon Manzanita Brushy Canyon Bone Spring	437 820 3960 4186 4210 4218 5138 5276 6401 8020	437 820 3960 4186 4210 4218 5138 5276 6401 8020

38. GEOLOGIC MARKERS