

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

See other instructions on reverse side

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

clsf

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. RESV. ☐ Other ☐

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, P.

3. ADDRESS OF OPERATOR

550 W. Texas, Suite 1330, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with the State requirements)

At surface (D), 660' FNL and 660' FWL, Sec. 33, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-015-27425

DATE ISSUED

JUN 21 1993

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

5-12-93

16. DATE T.D. REACHED

5-30-93

17. DATE COMPL. (Ready to prod.)

6-7-93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) *

3369' GR

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

8100'

21. PLUG BACK T.D., MD & TVD

8050'

22. IF MULTIPLE COMPL., HOW MANY *

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (LTD AND TVD) *

7872'-7914' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MLL/GR; ZDL/CNL/GR

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"	48.0	595'	17-1/2"	795 sx C1 C	None
8-5/8"	32.0	4173'	12-1/4"	2000 sx C-Lite & C1 C	None
5-1/2"	15.5 & 17	8100'	7-7/8"	500 gal Sure Bond, 550 sx C1 "H", 390 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"	7757'	N/A

31. PERFORATION RECORD (Interval, size and number)

7872'-7914' (42 holes) 4" csg gun

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7872'-7914'	1400 gal 7 1/2% Pentol-100 + 75 ball sealers. Frac'd w/ 41,000 gal CXB-135, 25,800 gal C-135 & 92,260# 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)	
6-7-93		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-8-93	24	18/64"	→	390	492	244	1262
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
600	810	→	390	492	244	38°	

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

Vented until connection to Llano complete (est June 14, 1993)

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

TITLE Sr. Production Clerk

DATE June 8, 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	MEAS. DEPTH	TRUE VERT. DEPTH
Core No. 1	7890	7950	Cut 60' Rec 54' Sandstone, Lt. Gray, very fine grained, slightly calcareous with minor to abundant dark gray silty laminations No DST's	Base Salt	3952	3952
				Lamar Lime	4180	4180
				Bell Canyon	4207	4207
				Cherry Canyon	5095	5095
				Manzanita Marker	5234	5234
				Bone Spring	7994	7994