

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See instructions on
reverse side)

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

5. LEASE, DISSEMINATION AND SERIAL NO.

RECEIVED
NM-04591

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Aug 28 1990

7. EARN OR LEASE NAME

New Mexico Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Delaware

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

Sec. 24, T-18S, R-33E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

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. RESER. ☒ Other ☐

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

500 W. Illinois, Suite 500, Midland, Texas 79701

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

At surface (H) 2080' FNL and 600' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. API # DATE ISSUED

30-025-29605

15. DATE SPUDDED 12-8-86 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) Recompl 8-6-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3952' GR; 3970' KB 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 13,730' 21. PLUG. BACK T.D., MD & TVD 7260' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY → N/A 24. ROTARY TOOLS N/A 25. CABLE TOOLS N/A

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

5429'-5486' (Delaware)

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

N/A

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
See original completion report					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	5520'	TA @ 5316'

31. PERFORATION RECORD (Interval, size and number)

13,359'-13,643' (P&A'd)

12,955'-12,970' (P&A'd)

5429'-5486' (4" gun, 8 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,955-970'	CIBP @ 12,886' w/ 50' cmt on top.
	CIBP @ 10,241' w/ 50' cmt on top.
	CIBP @ 7310' w/ 50 cmt on top.
5429-5486'	5000 gal 7½% Nefe HCl + 16 BS.

33.* PRODUCTION Frac'd w/ 7700 gal Boragel + 74,800# sand.

DATE FIRST PRODUCTION 8-8-90 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Pumping - 1-3/4" Insert pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 8-19-90 HOURS TESTED 24 CHOKE SIZE N/A PROD'N. FOR TEST PERIOD → OIL--BBL. 71 GAS--MCF. 60 WATER--BBL. 52 GAS-OIL RATIO 845

FLOW. TUBING PRESS. N/A CASING PRESSURE 35 CALCULATED 24-HOUR RATE → OIL--BBL. 71 GAS--MCF. 60 WATER--BBL. 52 OIL GRAVITY-API (CORR.) 27.8

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

Vented - pending sales connection

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-102, C-104, 3160-5

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Larry McCullough TITLE Sr. Production Clerk DATE Aug. 28, 1990

*(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