

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

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

DEC 14 '87

O. C. D.
ARTESIA, OFFICE

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

2. NAME OF OPERATOR
Santa Fe Energy Operating Partners, L.P. ✓

3. ADDRESS OF OPERATOR
500 W. Illinois, Suite 500, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 660' FWL of Sec. 34, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED 7-7-87

5. LEASE DESIGNATION AND SERIAL NO.

NM 43744

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sterling Silver 34 Fed

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

~~Under West Land Owners Name~~

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

Sec. 34, T-23S, R-31E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 8-12-87 16. DATE T.D. REACHED 10-2-87 17. DATE COMPL. (Ready to prod.) 11-20-87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3423.7 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 15,220' 21. PLUG, BACK T.D., MD & TVD 14,655' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS all CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Morrow 14,484-14,490' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron Litho Density Barehole Compensated Sonic, Dual Induction & Laterolog 27. WAS WELL CORED Yes

CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	651	17 1/2	750 sx Cl C	
9 5/8	40	4,320	12 1/4	1700 sx Howco Lite + 200	
				sx Cl C	
7	29 & 26	12,000	8 1/2	1450 sx 50/50 Cl H	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	11,604	15,220	525 sx		2 3/8	14,413	14,413

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
14,716-14,908'	37 holes	4 JSPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,484-14,490'	24 holes	4 JSPF		14,716-14,908'	Acidz w/2000 gal 7 1/2% Morrow acid.
				" "	Set CIBP @ 14,685' w/30' cmt.

33.* PRODUCTION							
DATE FIRST PRODUCTION 11-20-87		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI WOPL	
DATE OF TEST 11-20-87	HOURS TESTED 4	CHOKE SIZE Variable	PROD'N. FOR TEST PERIOD	OIL—BBL. 0	GAS—MCF. 9809	WATER—BBL. 0	GAS-OIL RATIO
FLOW, TUBING PRESS. 5909	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 0	GAS—MCF. 9321 AOF	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED DEC 10 1987

35. LIST OF ATTACHMENTS C-132, log deviation survey, DST test

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

SIGNED Billie Wood TITLE Sr. Production Clerk DATE 12-2-87

*(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
	13,688	13,741	Tight Lime	Delaware Sand Bone Spring Wolfcamp Strawn Atoka Lower Atoka Morrow Clastic L. Morrow Clastic	4,347 8,147 11,644 13,357 13,516 13,782 14,466 15,054	