

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-40452

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shinnery 14 Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Grayburg + Delaware

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

Sec. 14, T-18S, R-32E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other SWD Well

2. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other SWD Well

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

4. ADDRESS OF OPERATOR
550 W. Texas, Suite 1330, Midland, Texas 79701

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

At surface 2310' FNL and 660' FEL, Sec. 14, T18S, R-32E

At top prod. interval reported below

At total depth Unit H

14. PERMIT NO. API # 30-025-30719

DATE ISSUED

15. DATE STUDDER

10-31-89

16. DATE T.D. REACHED

11-21-89

17. DATE COMPL. (Ready to prod.)

SWD Compl 12/26/91

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

3819' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8782'

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

8515'

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)*

SWD Interval 4990'-6790' (Grayburg (Delaware and Bone Spring)

25. TYPE ELECTRIC AND OTHER LOGS RUN

See original completion report.

25. WAS DIRECTIONAL
SURVEY MADE

No

27. WAS WELL CORED

No

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#	410'	17-1/2"	500 sx CL NEW MEXICO	None
8-5/8"	24#	2744'	12-1/4"	850 sx POZ + 450 sx "C"	
5-1/2"	17#	8781'	7-7/8"	1st: 375 sx PSL + 175 sx "H"	
				2nd: 320 sx PSL + 506 sx "H"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	4950'	4950'

31. PERFORATION RECORD (Interval, size and number)

8660'-8694'

4990'-5000' (2 JSPF) 20 holes

5992'-6790' (1 JSPF - NC) 241 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8660'-8694'	CIBP @ 8550' w/ 35' cmt on top.
4990'-6790'	19,550 gals 15% HCl acid
5992'-6180'	Frac'd w/ 180,000# sand and 98,000 gals gelled wtr.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
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DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Began SWD on 12-26-91

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

SIGNED Amy McCullough TITLE Sr. Production Clerk

DATE 1/8/92

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

RECEIVED
JAN 30 1992
G. J. G.
HONORARY CHAIRMAN