

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

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. RESVL. ☐ 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' FSL & 1980' FEL of Sec. 14, T-18S, R-32E
At top prod. interval reported below
At total depth

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.
3

10. FIELD AND POOL OR WILDCAT
Quechero Plains
Upper Bone Spring

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
14, 18S, 32E

12. COUNTY OR PARISH
Lea

13. STATE
NM

15. DATE SPUDDED 4-5-89 16. DATE T.D. REACHED 4-24-89 17. DATE COMPL. (Ready to prod.) 6-17-89 18. ELEVATIONS (DF, RKB, RT, GB, ETC.)* 3806' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9500' 21. PLUG, BACK T.D., MD & TVD 9367' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8478-8504' Bone Spring 25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT, DLL/RXO, BHC/GR 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#	444'	17 1/2"	500 sx C1 C (Circ)	
8 5/8"	24#	2727'	12 1/4"	1550 sx 65/35 Poz & C (Circ)	
5 1/2"	17#	9489'	7 7/8"	1600 sx Pacesetter Lite & 50/50 Poz H	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	8559'	TA @ 8366'

31. PERFORATION RECORD (Interval, size and number)
8478-8480', 2 JSPF (5 holes)
8492-8504', 2 JSPF (25 holes)
Total 30 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
8478-8504' 1400 gals 7 1/2% Morrow acid & 60 ball sealers. Data frac w/6000 gals 2% gelled KCl tagged w/RA Scandium. Frac'd w/32,000 gals x-linked 2% KCl, 52,000# 20/40

33.* PRODUCTION Ottawa sd & 15,000# 20/40 Resin coated sd.
DATE FIRST PRODUCTION 6-16-89 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1 1/4" x 30' Insert Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 6-17-89 HOURS TESTED 24 CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—BBL. 59 GAS—MCF. 72 WATER—BBL. 21 GAS-OIL RATIO 1220

FLOW, TUBING PRESS. CASING PRESSURE 28 CALCULATED 24-HOUR RATE OIL—BBL. 59 GAS—MCF. 72 WATER—BBL. 21 OIL GRAVITY-API (CORR.) 28.4 (deg)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Gas connection being negotiated TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Logs, C-104, Inclination Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Jerry McCullough TITLE Sr. Production Clerk DATE 6-29-89

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Bone Spring 1st BS Sand 1st BS Carb 2nd BS Sand	6823 8350 8630 9173	8350 8630 9173 9500 TD		Rustler Yates 7 Rivers Queen Penrose Grayburg San Andres Delaware Bone Spring	1094 2897 3220 3952 4100 4520 4911 5656 6880	

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