

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. RESVR ☐ Other ☐

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

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

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

At surface 1980' FSL & 1980' FWL, Sec. 5, T-18S, R-33E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

30-025-31517

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 1-31-92 16. DATE T.D. REACHED 3-2-92 17. DATE COMPL. (Ready to prod.) 4-26-92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3972' GR 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 11,500' 21. PLUG, BACK T.D., MD & TVD 11,310' 22. IF MULTIPLE COMPL. HOW MANY* N/A 23. INTERVALS DRILLED BY -- ROTARY TOOLS All CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,220'-11,263' (88 holes) Wolfcamp 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL/GR; LDT/CNL/GR

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#	478'	17 1/2"	500 sx Cl C (circ)	None
8-5/8"	32#	3100'	12 1/4"	1450 sx Lite + 200 sx Cl C	None
5-1/2"	17#	11,500'	7"	800 sx Cl H	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	11,005'	11,005'

31. PERFORATION RECORD (Interval, size and number)

11,354'-11,384' (62 holes) P&A'd

11,220'-11,263' (88 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,354'-384'	CIBP @ 11,340' w/ 30' cmt on top
11,220'-11,263'	Spotted 250 gals 7-1/2% NEFE HCL.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-26-92		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-3-92	24	23/64	→	456	502	1	1101
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
390	pkc	→	456	502	1	40°	
						TEST WITNESSED BY	

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

Sold - Conoco, Inc.

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

James McCullough

TITLE Sr. Production Clerk

DATE 5/4/92

*(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
Wolfcamp	11354	11384	Limestone, contents unknown	Rustler	1460	
	11220	11263	Oil in Limestone	7 Rivers	3377	
	11107	11122	Limestone, contents unknown	Queen	4179	
	10760	10772	Limestone, contents unknown	Premier	4798	
Bone Spring				Delaware	5399	
				Bone Spring	6330	
				1st BS Sand	8006	
				1st BS Carbonate	8232	
	9068	9088	Sand, water	2nd BS Carb	9114	
				3rd BS Sand	9464	
				Lower Leonard	9514	
				Wolfcamp	10118	
				Lower Wolfcamp	10696	
				Penn Shale	11441	

1992