

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

API: 30015 25769

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. RESVR. ☐ 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 & 2310' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

CER #220

DATE ISSUED

6-24-87

15. DATE SPUDDED

7-13-87

16. DATE T.D. REACHED

8-12-87

17. DATE COMPL. (Ready to prod.)

9-26-87

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

3391.3

20. TOTAL DEPTH, MD & TVD

9655'

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

9510'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

9270-9282' Bone Spring

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction, Compensated Neutron/Litho-Density/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"	54.5#	650'	17 1/2"	750 sx C1 C	
8 5/8"	32.0#	4150'	11"	2050 sc C Lite poz & 350	sx C1 C Neat
5 1/2"	17.0#	9665'	7 7/8"	BV tool @ 6615'	
				550 sx 50/50 C1 H poz & 200 sx C1 H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2 7/8 9164' 9164'

31. PERFORATION RECORD (Interval, size and number)

9590-9596 w/2 JSPF (13 holes)

9270-9282 w/2 JSPF (25 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9590-9596'	Set CIBP w/20' cmt on top @ 9530'
9270-9282'	Acidz w/500 gal 7 1/2 HCl. Frac w/30,000 gal x-linked 1% CaCl2 wtr & 30,000# 20/40 Ottowah Sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-26-87		Pumping 22' x 1 14/" Insert					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10-5-87	24		→	28	100	9	3570	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	28	100	9	39.6		

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

Vented

35. LIST OF ATTACHMENTS

Deviation reports, logs.

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

SIGNED Billie Root

TITLE Sr. Production Clerk

DATE 10-23-87

*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
DST #1	9260	9308	8-10-87			
DST #2	9580	9666	8-15-87			

38. GEOLOGIC MARKERS