

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. RESVR. ☐ Other ☐

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

3. ADDRESS OF OPERATOR
500 W. Illinois, Suite 500, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 660' FEL, Sec. 28, T-24S, R-28E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
API # 30-015-26142

15. DATE SPUDDED 7-19-89 16. DATE T.D. REACHED 9-4-89 17. DATE COMPL. (Ready to prod.) 12-5-89 18. ELEVATIONS (DF, RKR, RT, GR, ETC.)* 2986.2' GR

20. TOTAL DEPTH, MD & TVD 13,450' 21. PLUG, BACK T.D., MD & TVD 12,485' 22. IF MULTIPLE COMPL., HOW MANY* 1

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
11,660'-11,667' (Atoka)

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL/LDT, EPT, BHC, Phasor/DLL

28. CASING RECORD (Report all strings run in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106.5#	600'	26"	100 sx Thickset + 925 sx C	+ 1380 sx C (1"
13-3/8"	54.5#	2540'	17 1/2"	300 sx Lite & 600 sx C &	428 sx Premt
9-5/8"	53.5 & 43.5	9800'	12 1/4"	525 sx Lite & 1050 sx 50/50 poz	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	9313'	13,450'	650 sx Prem		2-3/8"	11,493'	11,457'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
12,626'-12,645' (39 holes) P&A'd		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,663'-12,668' (21 holes) P&A'd		12,626-12,668'	CIBP @ 12,520' w/ 35' cmt on top
11,660'-11,667' (29 holes)		11,660'-11,667'	2000 gal. 20% NEFE HCl acid w/ 50 ball sealers

33. PRODUCTION							
DATE FIRST PRODUCTION 12-5-89		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-8-90	HOURS TESTED 4	CHOKE SIZE Var	PROD'N. FOR TEST PERIOD	OIL—BBL. 1	GAS—MCF. 669	WATER—BBL. 0	GAS-OIL RATIO 669
FLOW. TUBING PRESS. 3475	CASING PRESSURE 0	CALCULATED 24-HOUR RATE	OIL—BBL. 5	GAS—MCF. CAOF 2058	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 57°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold - Pinnacle Natural Gas Co. sales line

35. LIST OF ATTACHMENTS
Logs, C-104, deviation survey, directional survey, C-122

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Sr. Prod. Clerk DATE 1/19/90

*(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):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
Mid Morrow Sand	12,626 12,663	12,645' 12,668'	Perf, acidized w/ 2000 gal 7-1/2% HCl, swab 339 BW over load.	Delaware (Samples)	2520		
Atoka	11,660	11,667	Perf, acidized w/ 2000 gal 20% NEFE HCl F 988 MCF on 12/64" choke, TP 1350	Bone Spring Strawn Atoka L. Atoka Morrow Clastics L. Morrow Barnett (?)	6190 11558 11625 11875 12499 12973 13404		