

5160-4
September 1983)
Formally 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other

TYPE OF COMPLETION: ☐ NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other Re-Entry

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

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

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

At surface (J), 1633' FSL and 1636' FEL, Sec. 5, T-22S, R-24E

At top prod. interval reported below

At total depth

14. PERMIT NO. 30-015-24713 DATE ISSUED

DATE SPUDDED Re-Entered 16. DATE T.D. REACHED New TD 17. DATE COMPL. (Ready to prod.) 4-11-94 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4280.3' GR 19. ELEV. CASINGHEAD

TOTAL DEPTH, MD & TVD 8565' New TD 21. PLUG BACK T.D., MD & TVD 8471' 22. IF MULTIPLE COMPL. HOW MANY* N/A 23. INTERVALS DRILLED BY All 24. ROTARY TOOLS N/A 25. CABLE TOOLS

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

8306'-8348' (Upper Penn)

TYPE ELECTRIC AND OTHER LOGS RUN
DLL/MSFL; LDT/CNL

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#	310'	17-1/2"	Circ'd w/ 845 sx	None
8-5/8"	32#	2550'	12-1/4"	Circ'd w/ 1115 sx	None
5-1/2"	15.5 & 17#	8564'	7-7/8"	670 sx C1 "H"	None

SIZE	TOP (MD)	NEEDLE VALVE (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	8079'	N/A

31. PERFORATION RECORD (Interval, size and number)
8306'-8348' (23 holes) EXHIBIT 8A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
8306'-8348' 3350 gals 20% NFe acid w/ 42 ball sealers

33. PRODUCTION

DATE FIRST PRODUCTION 4-11-94 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Submersible Pump WELL STATUS (Producing or shut-in) SI

DATE OF TEST 4-14-94 HOURS TESTED 22 CHOKE SIZE 32/64" PROD'N. FOR TEST PERIOD 487 OIL—BBL. 395 GAS—MCF. 785 WATER—BBL. 811 GAS-OIL RATIO

24-HOUR RATE 531 OIL—BBL. 431 GAS—MCF. 856 WATER—BBL. 40.8° OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test - SI waiting on sales connection TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Logs, Deviation Survey, C-104

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

SIGNED Terry McCullough TITLE Sr. Production Clerk DATE 4-20-94

*(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.

SIGNED Terry McCullough TITLE Sr. Production Clerk DATE 12-23-93

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LEASE DESIGNATION AND SERIAL NO.

NM-83552

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		8. FARM OR LEASE NAME Old Ranch Knoll 8 Fed Com	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701		9. WELL NO. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (N), 660' FSL and 1980' FWL, Sec. 8, T-22S, R-24E At top prod. interval reported below At total depth		10. FIELD AND POOL OR WILDCAT Indian Basin (Upper Penn)	
14. PERMIT NO. 30-015-27674		12. COUNTY OR PARISH Eddy	
DATE ISSUED		13. STATE NM	
15. DATE SPUDDED 10-17-93	16. DATE T.D. REACHED 11-8-93	17. DATE COMPL. (Ready to prod.) 12-7-93	18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 4120'.4' GR
19. ELEV. CASINGHEAD --	20. TOTAL DEPTH, MD & TVD 8431'		
21. PLUG. BACK T.D., MD & TVD 8236'	22. IF MULTIPLE COMPL., HOW MANY* N/A	23. INTERVALS DRILLED BY Rotary Tools All	24. CABLE TOOLS N/A
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8140'-46' & 8154'-60' (Cisco/Canyon)			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL/LDT/CNL			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48#	353'	17 1/2"
9-5/8"	36#	2493'	12 1/4"
7"	26#	8431'	
CEMENTING RECORD			
400 sx C + 5 1/2 yds Redi-mix			
200 Thix-set, 1150 Lite + 300 sx C1 C			
10 1" jobs w/ 630 sx C			
475 sx H + 100 sx Thix-set			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
N/A			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	7503		
31. PERFORATION RECORD (Enter size and number)			
8194'-8214' (8 holes) plugged off			
8140'-46' CASING 8154'-60' (8 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8194'-8214'		Howco C1CR @ 8180'	
8140'-8160'		1500 gals 20% HCL and 16 RS	
33.* PRODUCTION			
DATE FIRST PRODUCTION 12-2-93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Submersible pump	
WELL STATUS (Producing or shut-in) Shut-In			
DATE OF TEST 12-10-93	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →
OIL—BBL. 401	GAS—MCF. 211	WATER—BBL. 690	GAS-OIL RATIO 526
WATER—BBL. 690	OIL GRAVITY-API (CORR.) 40.8°		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test. SI WOPL connection			
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 <i>[Signature]</i>		TITLE Sr. Production Clerk	
DATE 12-23-93			

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