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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

See other in-  
structions on  
reverse side

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

CASE DESIGNATION AND SERIAL NO.

NM-81217

IF INDIAN, ALLOTTEE OR TRIBE NAME

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

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Nagooltee Peak 5 Federal

WELL NO.

1

FIELD AND POOL, OR WILDCAT

Indian Basin Upper Penn

SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 5, T-22S, R-24E

COUNTY OR PARISH

Eddy

STATE

NM

DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

Re-Entered New TD

3-5-94 3-26-94

4-11-94

4280.3' GR

TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL. HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

8565' New TD

8471'

N/A

→

All

N/A

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

25. WAS DIRECTIONAL SURVEY MADE

8306'-8348' (Upper Penn)

No

TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL; LDT/CNL

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#	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

9. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (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)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8306'-8348'	3350 gals 20% NEFe acid w/ 42 ball sealers

CASE NO.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-11-94		Submersible Pump				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-14-94	22	32/64"	→	487	395	785	811
WELL TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
190	400	→	531	431	856	40.8°	

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

TEST WITNESSED BY

Vented during test - SI waiting on sales connection

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

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

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

See other in-  
structions on  
reverse sheet

LEASE DESIGNATION AND SERIAL NO.

NM-83552

IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		1. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> Other _____		2. FARM OR LEASE NAME Old Ranch Knoll 8 Fed Com	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		9. WELL NO. 2	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701		10. FIELD AND POOL OR WILDCAT Indian Basin (Upper Penn)	
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		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 8, T-22S, R-24E	
14. PERMIT NO. 30-015-27674		DATE ISSUED	
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 --		12. COUNTY OR PARISH Eddy	
13. STATE NM		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 All		ROTARY TOOLS All	
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		AMOUNT PULLED	
400 sx C + 5 1/2 yds Redi-mix		None	
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 (Interval 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 BS	
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 401
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>James M. Cullough</i>		TITLE Sr. Production Clerk	
DATE 12-23-93			

\*(See Instructions and Spaces for Additional Data on Reverse Side)