

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

dsf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other ☐

RECEIVED

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP EN ☐

PLUG BACK ☐

DIFF. BEVER ☐

Other ☐

FEB 27 1992

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

O. C. D.

ARTS & OFFICE

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 900' FNL & 1980' FWL, Sec. 9, T-23S, R-31E

At top prod. interval reported below

At total depth 2145' FWL & 825' FSL, Sec. 4, T-23S, R-31E

14. PERMIT NO. API #

DATE ISSUED

30-015-26509

12. COUNTY OR PARISH

13. STATE

Eddy

New Mexico

15. DATE SPUNDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF. RKB. RT. GR. ETC.)

19. ELEV. CASINGHEAD

10-29-90

2-3-91

5-13-91

3346.4' GR

20. 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

15,175'

15,022'

N/A

All

--

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

*This interval is unable to

produce and intent to Plug Back is filed.

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

LDT/CNL; DLL/RXO

27. WAS WELL CORED

Yes

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#	628'	17-1/2"	650 sx C1 C	None
9-5/8"	36#	4122'	12-1/4"	2100 sx PCL + 200 sx C1 C	None
7"	26 & 29#	12,075'	8-3/4"	2145 sx 50/50 POZ	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	11,715'	15,174'	490 sx H		2-3/8"	14,515'	14,470'

31. PERFORATION RECORD (Interval, size and number)

14,655'-14,738' (73 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,655-738'	5300 gals NEEF Morrow acid & 140 BS. Frac w/ 20,000 gals ALCO foam + 9900# 20/40 Interprop +

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-13-91		Flowing (Well now unable to flow)				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Attempted 12/3/91			→	Unable to flow			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

Vented during testing - Shut in.

TEST WITNESSED BY

FEB 25 1992

35. LIST OF ATTACHMENTS

Logs, Deviation Survey, Directional Survey

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

Feb. 7, 1992

*(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);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Atoka Bank	13,674	13,757	DST: Ran 7581' FW Cushion - Closed Chamber Test IH 8785 psi IF 6 min 3238-3266 psi ISI 60 min 5815 psi FF 120 min 3266-3350 FSI 360 min 5843 FH 8700 psi Sample Recovery: 15.7 cu. ft. gas @ 2175 psig	Ramsey	4184	4184
			Bone Spring	8143	8056	
			Wolfcamp	11630	11543	
Atoka Bank	13,721	13,751	Core #1 Cut 30'. Rec 30'.	Strawn	13333	13023
				Atoka Clastics	13558	13248
				Atoka "AC" Sand	13644	13334
Atoka Bank	13,751	13,757	Core #2 Cut 6'. Rec 6'.	Atoka Bank	13715	13405
				L. Atoka LS	13790	13480
				Pure Gold SS	14193	13883
Atoka Bank	13,751	13,757	Core #2 Cut 6'. Rec 6'.	Top Morrow	14284	13974
				Morrow Clastics	14448	14138
				MB Sand	14656	14346
*Note: Well was drilled vertical to 6000', then intentionally deviated to north between 6000' and 12,000' after which the remainder of the well was drilled vertically.				Lower Morrow	15019	14709