

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

RECEIVED 892867

IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

3. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

4. ADDRESS OF OPERATOR

500 W. Illinois, Suite 500, Midland, Texas 79701

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

At surface

1980' FNL and 1980' FEL, Sec. 13, T-18S, R-32E

At top prod. interval reported below

At total depth

14. PERMIT NO. API # DATE ISSUED

30-025-30838

15. DATE SPUDDED

3-30-90

16. DATE T.D. REACHED

4-8-90

17. DATE COMPL. (Ready to prod.)

5-14-90

18. ELEVATIONS (DF, RKR, RT, GR, ETC.)*

3848.6' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5300'

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

5175'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

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

4986'-5023' Delaware

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL; CNT/LDT

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
8-5/8"	24	437'	12 1/4"	275 sx C1 C	None
5-1/2"	15.5#	5299'	7-7/8"	1050 sx 65/35 C + 200 sx	"C"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5038'	TA @ 4880'

31. PERFORATION RECORD (Interval, size and number)

4986'-5008' and 5012'-5023'

4" gun, 2 JSPF, 68 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4986'-5023'	2000 gal 15% Nefe HCl and 100 ball sealers. Frac'd w/ 45,300 gal XL gel, 30% CO ₂ and 128,540# 16-30 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-10-90		Pumping - 1-3/4" Insert pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-6-90	24	16/64	→	210	141	65	671
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	190	→	210	141	65	38.4	

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

Sold - Conoco, Inc. (connected 5-26-90)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-104, Logs, Deviation Survey

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

SIGNED

Sergio McCullough

TITLE Sr. Production Clerk

DATE June 14, 1990

*(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
Yates	2848	2863	Dolomite Sand, Oil & water	Rustler
Seven Rivers	3206	3216	Dolomite Sand, Oil & water	Base of salt
Upper Delaware	4986	5022	Dolomite Sand, Oil & water	Yates
"C" Sand				Seven Rivers
Upper Delaware	5102	5146	Dolomite Sand, water	Queen
"E" Sand				Penrose
Upper Delaware	5196	5232	Dolomite Sand, water	Grayburg
"F" Sand				Premier
Core: Upper Delaware "C" Sand	4977	5036		Upper Delaware
				1283
				2590
				2848
				3206
				4000
				4280
				4493
				4764
				4898

RECEIVED
JUN 22 1990
OCD
MOBILE OFFICE