Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

HOBBS, NEW MEXICO 88240

RECEIVED
AUG 24 12 14 PM '90

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM-40450

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [XX] 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: Uncle Sam 13B Federal

3. ADDRESS OF OPERATOR: 500 W. Illinois, Suite 500, Midland, Texas 79701

9. WELL NO.: 1

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 785' FNL and 1980' FWL, Sec. 13, T-18S, R-32E
At top prod. interval reported below: Unit C
At total depth:

10. FIELD AND POOL, OR WILDCAT: ~~Und.~~ West Corbin Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 13, T-18S, R-32E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
API# 30-025-30837		Lea	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6-9-90	6-15-90	8-2-90	3848.6' 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
5300'	5263'	N/A	→	All	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 4990'-5020' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL/LDT; DLL/MSFL/GR

27. WAS WELL CORED: No

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#	447'	12-1/4"	315 sx Cl. C	None
5-1/2"	15.5#	5300'	7-7/8"	1225 sx 65/35 Cl C + 200 sx Cl 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"	5042'	TA @ 4731'

31. PERFORATION RECORD (*Interval, size and number*)
5016'-5020' (4", 2 JSPF, 10 holes)
4990'-5010' (4", 2 JSPF, 42 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5016'-5020'	1000 gal 15% HCl NEFE + 10 BS.
4990'-5020'	2000 gal 15% HCl + 75 BS; Frac w/ 7759 gal Boro-gel, 14,518 gal Boro-gel and 68,400# 20/40 Ottawa sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8-2-90	Pumping - 2-1/2" x 1-3/4" x 21' Insert	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-13-90	24	-		208	200	120	962

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	40		208	200	120	35.2

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Sold - Conoco, Inc.

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 Terry McCullough TITLE Sr. Production Clerk DATE August 22, 1990

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lower Grayburg Sand	4990	5024	Oil and Gas
Lower Grayburg Sand	5106	5156	Water
Lower Grayburg Sand	5190	5232	Water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1284	
Base of Salt	2590	
Yates	2758	
Seven Rivers	3196	
Queen	4000	
Penrose	4289	
Grayburg	4506	
Lower Grayburg	4913	