

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUP TE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

RECEIVED
NM 0392867

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Uncle Sam #13 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

West Corbin Delaware

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

Sec. 13, T-18S, R-32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

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

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

At surface 990' FNL & 1980' FEL, Sec. 13, T-18S, R-32E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API # 30-025-30732

15. DATE SPUDDED

11-26-89

16. DATE T.D. REACHED

12-17-89

17. DATE COMPL. (Ready to prod.)

2-5-90

18. ELEVATIONS (DF, RKB, RT, GB, ETC.)*

3848.6' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8816'

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

8550'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

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

4970' - 5002' Delaware

RECEIVED FOR RECORD

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL, LDT/CNT, EPT/GR, BHC

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE (IN)	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	418'	12 1/4"	475 sx Cl. C (circ)	None
5-1/2"	17#	8816'	7-7/8"	1st: 10 Bbl Sure Bond + 1250 sx "H"	
				2nd: 1080 sx PSL + 525 sx "H"	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (Interval, size and number)

8628'-8655' (48 holes) P&A'd
4970'-4992' (44 holes) 2 JSR - 4" guns
4994'-5002' (18 holes) 2 JSPF - 4" guns
(total of 62 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8628'-8655'	CIBP @ 8586' w/ 36' cmt on top
4970'-5002'	1500 gals 7 1/2% NEFE HCl acid and 120 BS. Frac w/ 30% CO ₂ ,
	125,514# Northern Sand and 866 BW.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-5-90		Flowing thru 5-1/2" casing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-10-90	24	8.5/64	→	119	53	0	445
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
N/A	FCP 373	→	119	53	0	38.4	

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

Vented - pending sales connection

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

TITLE Sr. Production Clerk

DATE Feb. 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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Lwr Grayburg Snd	4970	5002	Oil & Gas Water Water Probable oil and gas Probable oil and gas Water	Rustler	1298	
Lwr Grayburg Snd	5088	5131		Base of Salt	2602	
Lwr Grayburg Snd	5172	5210		Yates	2764	
Bone Spring Sand	6996	7022		Seven Rivers	3216	
Bone Spring Sand	8252	8320		Queen	4009	
Bone Spring Carb	8628	8656		Penrose	4288	
				Grayburg	4502	
				Loco Hills SS	4597	
				Lower Grayburg	4894	
				Delaware	5462	
				Bone Spring	6758	
				1st BS Sand	8246	
				1st BS Carb	8574	

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