

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 West Illinois, Suite 500, Midland, Texas 79701

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

At surface 2310' FNL & 1650' FWL of Section 26.

At top prod. interval reported below

At total depth

14. PERMIT NO.

N/A

DATE ISSUED

2-3-86

5. LEASE DESIGNATION AND SERIAL NO.

NM 40452

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sprinkle Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Querecho Plains, Upper Bone Springs

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

Sec. 26, 18S, 32E

12. COUNTY OR PARISH
Lea

13. STATE

New Mexico

15. DATE SPUDDED

1-28-87

16. DATE T.D. REACHED

2-17-87

17. DATE COMPL. (Ready to prod.)

3-14-87

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

3748.8 GL

19. ELEV. CASINGHEAD

3764'

20. TOTAL DEPTH, MD & TVD

9700'

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

9596'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

all

CABLE TOOLS

-

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

8823-8836' Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Densilog, Neutron, GR, Dual Induction Focused Log, Gamma Ray

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
13-3/8"	61	353'	17-1/2"	370 sx C1 "C"	-
8-5/8"	28	2810'	11"	1050 sx Howco Lite	-
5-1/2"	17	9700'	7-7/8"	900 sx 50/50 Poz	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8842'	-

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

8823-8836'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8823-8836'	Acidize w/250 bbls acid
	Acidize w/1700 gals MSR-100 w/750
	SCFN2/bbl
	Acidize w/3000 gals MSR 100

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-14-87		Pump (2-1/2" x 1-1/4" x 20')				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-14-87	24	-	→	154	104	0	675
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	154	104	0	33.3	

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

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs, Inclination Survey

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

SIGNED

TITLE Sr. Prod. Clerk

DATE 5-18-87

*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Yates	2750'	
				Seven Rivers	3084'	
				Queen	3936'	
				Penrose	4172'	
				Grayburg	4418'	
				San Andres	4824'	
				Delaware	5598'	
				Bone Springs	6984'	
				1st Bone Spring Sand	8393'	
				1st Bone Spring Carb.	8744'	
				Bone Spring Sand	9295'	

RECEIVED
MAY 19 1987
OCD
HOBBS OFFICE