

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.
NM-83037

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Jones Canyon "4"
Federal #4

9. API WELL NO.

30-015-30487

10. FIELD AND POOL, OR WILDCAT

Indian Basin (Upper Penn)
Associated

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA
Sec. 4, T-22S, R-24E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RESVR ☐

2. NAME OF OPERATOR

Santa Fe Energy Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1330, Midland, TX 79701

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

At surface
(E), 2714' FNL and 271' FWL, Sec. 4, T-22S, R-24E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11/27/98

16. DATE T.D. REACHED

12/18/98

17. DATE COMPL. (Ready to prod.)

3/12/99

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

4141' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8400'

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

8254'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

A11

CABLE TOOLS

N/A

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

7824'-8124' (Upper Penn)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Platform Express Azimuthal LL; Three Detector LD/CNL

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36.0#	1600'	12-3/4"	525 sx 35:65:6 & "C" (surf)	None
7" K-55	26.0#	8400'	8-3/4"	500 gal Surebond & 250 sx	Noned
				C1 "H" (TOC @	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	8203'	N/A

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)
7824'-8124' (186 holes/2 JSPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7824-8124'	29,000 gals 20% HCl containing 200 ball sealers in 7 stages.

33.* PRODUCTION

DATE FIRST PRODUCTION 4/1/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping w/ submersible				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/14/99	HOURS TESTED 24 hrs	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD	OIL - BBL. 179	GAS - MCF. 3607	WATER - BBL. 4417	GAS - OIL RATIO 20.151
FLOW, TUBING PRESS. N/A	CASING PRESSURE 600	CALCULATED 24-HOUR RATE	OIL - BBL. 179	GAS - MCF. 3607	WATER - BBL. 4417	OIL GRAVITY - API (CORR.) 42.1	

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

Sold to Yates

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-104, Deviation Surveys, Logs

ACCEPTED FOR RECORD

(ORIG. SGD) DAVID R. GLASS

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

SIGNED

Steve McCallough

TITLE

Sr. Production Clerk

DATE

5/24/99

(See Instructions and Spaces for Additional Data on Reverse Side)

38.	important zones of porosity and contents thereof; cored intervals; and all l, cushion used, time tool open, flowing and shut-in pressures, and	GEOLOGIC MARKERS		
		NAME	TOP	
CM	DESCRIPTION, CONTENTS, ETC.		MEAS. DEPTH	TRUE VERT. DEPTH
	Oil, Gas, Water	San Andres	1204	
		Glorietta	2630	
		Bone Spring Lime	4907	
		3rd Bone Spring	7160	
		Wolfcamp	7283	
		Cisco Canyon	7817	