

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

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 Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

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

915/687-3551

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

At surface

(K), 1650' FSL and 1725' FWL, Sec. 29, T-22S, R-34E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

4/4/97

16. DATE T.D. REACHED

6/04/97

17. DATE COMPL. (Ready to prod.)

6/18/97

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

3426' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,340'

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

13,305'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

A11

ROTARY TOOLS

CABLE TOOLS

N/A

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

13,288' - 13,294' (Morrow)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT/GR; DLL/GR

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
13-3/8" J-55	61.0 & 54.5	1759'	17-1/2"	1700 sx Lite & "C" (circ)	None
10-3/4" K-55	45.5#	3077'	12-1/4"	530 sx 50:50 Poz & "C"	(Circ) None
5-1/2" P-110	17.0#	11,840'	7-7/8"	1100 sx 50:50 Poz (TOC @	6800') None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
8-5/8" K-55	2909'	5109'	655 SX		2-3/8"	11,482'	11,524'
3-1/2" L-80	11,573'	13,340'	110 SX "H"				

31. PERFORATION RECORD (Interval, size and number)

13,288' - 13,294' (12 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,288-13,294'	500 gals 7-1/2% Morrow acid.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
6/16/97		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
6/18/97	4 hrs.	varied		0	97	0	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
5250-3490#	Pkr.		0	1670 AOF	0	N/A	

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

Vented during test. Shut-in waiting on pipeline.

35. LIST OF ATTACHMENTS

Logs, Deviation Survey, C-122 + attachments, C-104, C-102, C-101, C-100, C-99, C-98, C-97, C-96, C-95, C-94, C-93, C-92, C-91, C-90, C-89, C-88, C-87, C-86, C-85, C-84, C-83, C-82, C-81, C-80, C-79, C-78, C-77, C-76, C-75, C-74, C-73, C-72, C-71, C-70, C-69, C-68, C-67, C-66, C-65, C-64, C-63, C-62, C-61, C-60, C-59, C-58, C-57, C-56, C-55, C-54, C-53, C-52, C-51, C-50, C-49, C-48, C-47, C-46, C-45, C-44, C-43, C-42, C-41, C-40, C-39, C-38, C-37, C-36, C-35, C-34, C-33, C-32, C-31, C-30, C-29, C-28, C-27, C-26, C-25, C-24, C-23, C-22, C-21, C-20, C-19, C-18, C-17, C-16, C-15, C-14, C-13, C-12, C-11, C-10, C-9, C-8, C-7, C-6, C-5, C-4, C-3, C-2, C-1

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 6/19/97

* (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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Morrow	12884	12917	Gas	Rustler	1874	
Gramma Ridge				Delaware	5223	
'A' Sand				Bone Spring	8470	
Middle Morrow	13058	13088	Water	Wolfcamp	11401	
'A' Sand				Strawn	11865	
Middle Morrow	13289	13298	Gas	Atoka	12084	
'C' Sand				Morrow	12218	