

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions 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 _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other _____		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR <u>Santa Fe Energy Resources, Inc.</u>		8. FARM OR LEASE NAME, WELL NO. <u>Hackberry "19" Fed. No. 1</u>	
3. ADDRESS AND TELEPHONE NO. <u>550 W. Texas, Suite 1330, Midland, TX 79701</u>		9. API WELL NO. <u>30-015-30092</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>(F), 1980' FNL & 1980' FWL, Sec. 19, T-19S, R-31E</u> At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT <u>North Hackberry (Morrow)</u>	
14. PERMIT NO.		DATE ISSUED <u>NOV 1993</u> <u>915/686-6612</u> <u>RECEIVED</u> <u>CCD - ARTESIA</u>	
15. DATE SPUDDED <u>1/18/98</u>		16. DATE T.D. REACHED <u>2/23/98</u>	
17. DATE COMPL. (Ready to prod.) <u>4/14/98</u>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>3416' GR</u>	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD <u>12,400'</u>	
21. PLUG, BACK T.D., MD & TVD <u>12,060'</u>		22. IF MULTIPLE COMPL., HOW MANY* <u>N/A</u>	
23. INTERVALS DRILLED BY <u>→</u>		ROTARY TOOLS <u>A11</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <u>11,983'-11,995' (Morrow)</u>		CABLE TOOLS <u>N/A</u>	
25. WAS DIRECTIONAL SURVEY MADE <u>No</u>		26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Platform Express Azimuthal LL/Micro-CFL/GR; Three Detector Density/CNL/GR</u>	
27. WAS WELL CORED <u>No</u>		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" H-40		48.0#	
490'		17-1/2"	
675 sx C1 "H" & "C" (circ'd)		None	
8-5/8"		24.0 & 32.0#	
3212'		11"	
1010 sx Thicset, "C", & Poz C		Circ'd - None	
5-1/2" S95,K55,N8		17.0#	
12,400'		7-7/8"	
1st stage w/200 sx Super-C-Mo		None	
2nd stg 2050 sx Super-C-Mod		TS TOC 3200'	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
		2-3/8"	
		11,918'	
		11,953'	
31. PERFORATION RECORD (Interval, size and number) <u>12,122'-12,132' (plugged)</u> <u>11,983'-11,995' 26 holes w/4" csg gun</u>		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
12,122-12,132'		Plugged w/CIBP set @ 12,080' and 20' cement on top.	
11,983-11,995'		1000 gals 10% HCl/30% methanol mix w/26 ball sealers.	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION <u>8/6/98</u>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <u>Flowing</u>	
DATE OF TEST <u>8/17/98</u>		HOURS TESTED <u>24 hrs</u>	
CHOKE SIZE <u>Open</u>		PROD'N. FOR TEST PERIOD <u>→</u>	
OIL - BBL. <u>5</u>		GAS - MCF. <u>242</u>	
WATER - BBL. <u>73</u>		GAS - OIL RATIO <u>48,400</u>	
FLOW. TUBING PRESS. <u>30</u>		CASING PRESSURE <u>pkf.</u>	
CALCULATED 24-HOUR RATE <u>→</u>		OIL - BBL. <u>5</u>	
GAS - MCF. <u>242</u>		WATER - BBL. <u>73</u>	
OIL GRAVITY - API (CORR.) <u>54.0</u>		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Sold - Conoco, Inc.</u>	
35. LIST OF ATTACHMENTS <u>3160-5 Sundry Notice, C-104, Deviation Survey, Logs</u>		TEST WITNESSED BY <u>(ORIG. SGD.) DAVID R. GLASS</u> <u>NOV 27 1993</u> <u>BLM</u>	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <u>Terry McCullough</u> TITLE <u>Sr. Production Clerk</u> DATE <u>9/9/98</u>	

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

