

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
SUBMIT SUPPLEMENTARY INFORMATION ON
Artesia, NM 88210-2834
Instructions on reverse side)

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

CISF

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. RESRV ☐ Other _____
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
(K), 2045' FSL and 2200' FWL, Sec. 5, T-22S, R-24E
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
NM-81217
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME, WELL NO.
Nagooltee Peak "5"
Federal #5
9. API WELL NO.
30-015-30558
10. FIELD AND POOL, OR WILDCAT
Indian Basin
(Upper Penn) Assoc.
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 5, T-22S, R-24E

14. PERMIT NO. DATE ISSUED
15. DATE SPUDDED 3/10/99 16. DATE T.D. REACHED 3/28/99 17. DATE COMPL. (Ready to prod.) 6/13/99 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 8524' 21. PLUG, BACK T.D., MD & TVD 8412' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY A-1 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7995' - 8320' (Upper Penn) 25. WAS DIRECTIONAL SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS RUN GR/DLL/CNL/LDT 27. WAS WELL CORED No

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" K-55	36.0#	1615'	12-3/4"	780 sx C1 "H", C-Poz, & "C"	None
				1" to surf w/ 290 sx C1 "C"	
7" K-55	26.0#	8524'	8-3/4"	1st Sq: 500 sx C1 "H"	None
				2nd Sq: 335 sx C1 "H" & "C"	(TOC @ 2240')

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
N/A					2-7/8"	8372'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7995'-8320' 2 SPF w/4" csg gun (164 holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7995-8320'	10,000 gals 20% HCl w/80 BS.
			20,000 gal 20% HCl acid.w/131 BS
			6,000 gal 20% HCl.

33.* PRODUCTION
DATE FIRST PRODUCTION 6/13/99 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Submersible pump WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 7/14/99 HOURS TESTED 24 CHOKE SIZE N/A PROD'N. FOR TEST PERIOD 29 OIL - BBL. 29 GAS - MCF. 970 WATER - BBL. 1262 GAS - OIL RATIO 33,448
FLOW. TUBING PRESS. N/A CASING PRESSURE 350 CALCULATED 24-HOUR RATE 29 OIL - BBL. 29 GAS - MCF. 970 WATER - BBL. 1262 OIL GRAVITY - API (CORR.) 40.8
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Yates Petroleum TEST WITNESSED BY

35. LIST OF ATTACHMENTS
C-104, Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Terry M. Culbough TITLE Sr. Production Clerk DATE 7/20/99

(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Cisco/Canyon (Dolomite)			Oil/Gas/Water	San Andres	1230	1230
				Glorieta	2737	2737
				Yeso	2960	2960
				Bone Spring	4941	4941
				3rd BS Sand	7272	7272
				Wolfcamp	7715	7715
				Cisco/Canyon	7928	7928