

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

015F

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. ☐ N.M. Oil Cons. Division
811 S. 1st Street

2. NAME OF OPERATOR Santa Fe Energy Res INC Artesia, NM 88210-2834

3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 FEB 9 1997 915/687-3551

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface (H), 1980' FNL & 990' FEL, Sec. 33, T-23S, R-31E
At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

8. FARM OR LEASE NAME, WELL NO. Sterling Silver "33" Fed. No.15

9. API WELL NO. 30-015-29275

10. FIELD AND POOL, OR WILDCAT Sand Dunes, W. (Delaware)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T-23S, R-31E

12. COUNTY OR PARISH Eddy Co., 13. STATE NM

15. DATE SPUDDED 12/10/96 16. DATE T.D. REACHED 12/22/96 17. DATE COMPL. (Ready to prod.) 1/09/97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3402' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8200' 21. PLUG, BACK T.D., MD & TVD 8127' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS A11 N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7978'-8008' (Delaware) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN PE/AIT/GR; PE/Density/Neutron/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" H-40	48.0#	417'	17-1/2"	450 sx Lite & "C" to surf	None
8-5/8" J-55	32.0#	4128'	11"	1150 sx Poz & "C" to surf	None
5-1/2" K55, J55	15.5 & 17.0	8200'	7-7/8"	775 sx "C" & "H"	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
N/A					2-7/8"	7860'
						PACKER SET (MD)
						N/A

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7978'-8008' (31 holes) 4" csg gun & 1 SPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		7978'-8008'	Frac w/ 71,000 gals 30# X-linked wtr & 296,000# 16/30 white resin coated sand.

33.* PRODUCTION

DATE FIRST PRODUCTION 1/10/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping - 2-1/2"x1-1/2"x22' HVRC pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/11/97	HOURS TESTED 24 hrs.	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD	OIL - BBL. 201	GAS - MCF. 234	WATER - BBL. 219	GAS - OIL RATIO 1164
FLOW. TUBING PRESS. N/A	CASING PRESSURE 85	CALCULATED 24-HOUR RATE	OIL - BBL. 201	GAS - MCF. 234	WATER - BBL. 219	OIL GRAVITY - API (CORR.) 39.3 deg	

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

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 McCullough TITLE Sr. Production Clerk

TEST WITNESSED BY
ACCEPTED FOR RECORD
FEB 06 1997
DATE 1/28/97

(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
Ramsey Sand	4318	4360	Water bearing	Delaware	4268	
Lower Cherry Canyon	6393	6430	Oil & Gas bearing	Bone Spring	8078	
Lower Brushy, yon	7800	8050	Oil & Gas bearing			