

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NE OIL CONS. COMMISSION
SUBMIT IN DRAWER DD
88210

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

CLF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-45236	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701		8. FARM OR LEASE NAME Sterling Silver 33 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface (C), 330' FNL and 1650' FWL, Sec. 33, T-23S, R-31E At top prod. interval reported below At total depth		9. WELL NO. 5	
14. PERMIT NO. API# 30-015-27424		10. FIELD AND POOL, OR WILDCAT Sand Dunes, W. (Delaware)	
DATE ISSUED		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T-23S, R-31E	
15. DATE SPUDDED 6-1-93		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 6-17-93		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 6-30-93		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3373' GR	
19. ELEV. CASINGHEAD -		20. TOTAL DEPTH, MD & TVD 8134'	
21. PLUG. BACK T.D., MD & TVD 8081'		22. IF MULTIPLE COMPL. HOW MANY* N/A	
23. INTERVALS DRILLED BY All		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7876'-7934' (Delaware)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN ZDL/CN/GR; DLL/MLL/GR	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE 13-3/8"		WEIGHT, LB./FT. 48#	
DEPTH SET (MD) 615'		HOLE SIZE 17-1/2"	
CEMENTING RECORD 750 sx C1 C		AMOUNT PULLED None	
8-5/8"		32#	
4197'		12-1/4"	
1300 sx PSL + 500 sx "C"		None	
5-1/2"		15.5 & 17#	
8130'		7-7/8"	
550 sx H, 250 sx PSL, 400		sx Neat	
29. LINER RECORD		30. TUBING RECORD	
SIZE N/A		TOP (MD) -	
BOTTOM (MD) -		SACKS CEMENT* -	
SCREEN (MD) -		SIZE 2-7/8"	
DEPTH SET (MD) 7781'		PACKER SET (MD) --	
31. PERFORATION RECORD (Interval, size and number) 7876'-7934' (58 holes) 4" csg gun		32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD) 7876'-7934'		AMOUNT AND KIND OF MATERIAL USED 1400 gal 7 1/2% HCl w/ 100 BS. Frac w/ 60,300 gals 35# gel + 94,750# 16/30 Ottawa Snd.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Llano, Inc.	
DATE FIRST PRODUCTION 6-30-93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing		35. LIST OF ATTACHMENTS C-104, Logs, Deviation Survey	
DATE OF TEST 7-2-93		HOURS TESTED 24	
CHOKE SIZE 24/64		PROD'N. FOR TEST PERIOD 320	
OIL—BBL. 320		GAS—MCF. 327	
WATER—BBL. 164		OIL GRAVITY-API (CORR.) 40°	
FLOW. TUBING PRESS. 310		CASING PRESSURE 900	
CALCULATED 24-HOUR RATE 320		OIL—BBL. 320	
GAS—MCF. 327		WATER—BBL. 164	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. TESTED BY ACCEPTED FOR RECORD (ORIG. SCD) DAVID R. GLASS JUL 7 1993 CARLSBAD, NEW MEXICO	
SIGNED [Signature]		TITLE Sr. Production Engineer	
DATE July 2, 1993		DATE July 2, 1993	

*(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
			No Cores taken No DST's taken	Base Salt Lamar Lime Bell Canyon Cherry Canyon Manzanita Marker Bone Spring	3965 4193 4220 5103 5243 7996	3965 4193 4220 5103 5243 7996



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070
ROSWELL, NM

505/746-2719
ARTESIA, NM

June 21, 1993

Santa Fe Energy Operating
550 W. Texas, Suite 1330
Midland, Texas 79701

RE: Sterling Silver "33" Federal #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

451' - 3/4°	2619' - 1 3/4°	5191' - 1/4°
612' - 1 1/2°	3105' - 1°	5662' - 1/2°
972' - 1/4°	3574' - 3/4°	6190' - 1/2°
1472' - 3/4°	4008' - 1 1/2°	6685' - 3/4°
1970' - 2°	4200' - 1 1/2°	7197' - 1/4°
2448' - 1 1/4°	4700' - 1/2°	7669' - 3/4°
		8130' - 3/4° TD

Sincerely,

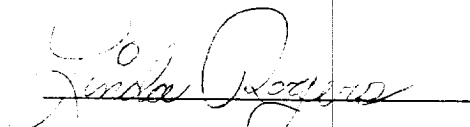

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 21st day of June 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996


NOTARY PUBLIC