

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

C-15F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other <u>SW Disposal</u>		5. LEASE DESIGNATION AND SERIAL NO. NM-89552 / SWD 714	
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 <u>Santa Fe Energy Res</u>		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/686-6612		8. FARM OR LEASE NAME, WELL NO. Old Ranch Knoll "8" Fed. No. 4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface (K), 1921' FWL and 1804' FSL, Sec. 8, T-22S, R-24E At top prod. interval reported below		9. API WELL NO. 30-015-30296	
At total depth		10. FIELD AND POOL, OR WILDCAT <u>Wildcat SWD Devonian</u>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T-22S, R-24E		12. COUNTY OR PARISH Eddy	
13. STATE NM		14. PERMIT NO. DATE ISSUED OCD ARTESIA	
15. DATE SPUNDED 8/11/98	16. DATE T.D. REACHED 9/11/98	17. DATE COMPL. (Ready to produce) 11/7/98	18. ELEVATIONS (DF, S&B, RT, GR, ETC.)* 4124' GR
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 11,849'	21. PLUG, BACK T.D., MD & TVD 11,849'	22. IF MULTIPLE COMPLETIONS HOW MANY* N/A
23. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Disposal interval: Open hole 10,853' to 11,849'			24. WAS DIRECTIONAL SURVEY MADE No
25. TYPE ELECTRIC AND OTHER LOGS RUN Platform Express Array Induction; PEX Three Detector Lithodensity/CNL			26. WAS WELL CORED No
27. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8" J-55	36.0#	1,602'	12-1/4"
7" L-80	26.0#	10,853'	8-3/4"
		TOP OF CEMENT, CEMENTING RECORD	
		475 sx C1 "C" (cmt to surf)	
		1st sq: 1250 sx 50/50 Poz H	
		2nd sq: 590 sx Interfill H	
		& 100 sx C1 "H" Neat	
		AMOUNT PULLED	
		None	
		None	
28. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
N/A			
29. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
4-1/2"	10,755'	10,755'	
30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
10,853' - 11,849'		20,000 gals gelled 15% HCl in	
		4 stages w/ 3,200 gals 1.5 ppg	
		salt blocks.	
31. PERFORATION RECORD (Interval, Depth, and Gauge)			
Open hole 10,853' - 11,849'			
32. PRODUCTION			
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Salt water disposal well	
WELL STATUS (Producing or shut-in) Active			
DATE OF TEST N/A	HOURS TESTED N/A	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD
FLOW. TUBING PRESS. 140	CASING PRESSURE Pkr.	CALCULATED 24-HOUR RATE	OIL - BBL.
GAS - MCF.		WATER - BBL.	
OIL GRAVITY - API (CORR.)			
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) No gas			
34. TEST WITNESSED BY			
35. LIST OF ATTACHMENTS Deviation survey, Logs, Mechanical Integrity test			
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>11/17/98</u>			

(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	7873	8256		San Andres	842'	
Middle Morrow	9886	10,042		Glorietta	2475'	
Lower Morrow	10,106	10,144		Bone Spring	3430'	
				2nd Bone Spring	4325'	
				3rd Bone Spring	6731'	
				Wolfcamp	7201'	
				Cisco Canyon	7873'	
				Strawn	8884'	
				Atoka	9286'	
				Morrow	9610'	
				Barnett Shale	10,144'	
				Miss. Lime	10,408'	
				Woodford Shale	10,757'	
				Devonian	10,851'	

RECEIVED
NOV 18 1988
ELM
ROSWELL, NM