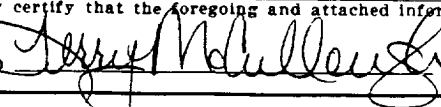


U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. OIL CONS. COM. MISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

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

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. ENVR. ☐ Other ☐				7. UNIT AGREEMENT NAME			
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.				8. FARM OR LEASE NAME Sinagua 18 Fed Com			
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701				9. WELL NO. 1			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (G), 1650' FNL and 2210' FEL, Sec. 18, T-20S, R-34E At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Quail Ridge (Morrow)			
14. PERMIT NO. 30-025-32402				DATE ISSUED			
15. DATE SPUDDED 1-12-94				16. DATE T.D. REACHED 2-19-94			
17. DATE COMPL. (Ready to prod.) 3-8-94				18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 3620.8' GR			
20. TOTAL DEPTH, MD & TVD 13,750'				21. PLUG, BACK T.D., MD & TVD 13,659'			
22. IF MULTIPLE COMPL. HOW MANY* N/A				23. INTERVALS DRILLED BY ROTARY TOOLS A11			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,479'-13,497' (Morrow)				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN MSFL/DLL/BHC/LDT/CNT/GR				27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
20"		94#		475'		26"	
13-3/8"		68#		3,265'		17-1/2"	
8-5/8"		32#		5,200'		12-1/4"	
5-1/2"		17#		13,750'		7-7/8"	
29. LINER RECORD		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
N/A							
30. TUBING RECORD		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		13,077'		13000'			
31. PERFORATION RECORD (Interval, size and number) 13,479'-13,497' (10 holes) 4" csg gun				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
13,479'-13,497'				400 gal 7 1/2% Morrow acid			
33.* PRODUCTION							
DATE FIRST PRODUCTION 3-8-94		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 3-10-94		HOURS TESTED 3		CHOKE SIZE var.		PROD'N. FOR TEST PERIOD OIL—BBL. 3.75	
FLOW, TUBING PRESS. 1890-2160#		CASING PRESSURE Pkr		CALCULATED 24-HOUR RATE 30		GAS—MCF. 275	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test - SI WOPL connection		WATER—BBL. 0		OIL GRAVITY-API (CORR.) 58.3		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS C-104, Deviation Survey, Logs, C-122 + attachments							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 				TITLE Sr. Production Clerk			
DATE March 18, 1994				SJS			

*(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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Lower Morrow	13,477	13,496	Sandstone, gas and condensate	Delaware	5411	
DST #1	6,300	6,412	Dolomite: IFP 5 min 42-50 ISIP 60 min 50-530 FFP 68 min 56-62 FSIP 242 min 62-1272 Rec. 10' oil, 40' DM	Bone Spring	8367	
				Wolfcamp	11292	
				Strawn	12264	
				Atoka	12484	
				Morrow	12876	
DST #2	9,342	9,485	Sandstone, IH 4067 FH 4049 IFP 6 min 65-71 ISIP 55 min 71-1241 FFP 58 min 87-107 FSIP 240 min 107-3479 Rec. 8' oil, 173' DM	Top Lower Morrow	13,446	