

(July 1992)

SUBMIT IN DUPLICATE*

FORM APPROVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

DEC 18 2013

(See other instructions on reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract #149	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Apache	
2. NAME OF OPERATOR Elm Ridge Exploration Co. LLC						7. UNIT AGREEMENT NAME: N/A Report To Lease	
3. ADDRESS AND TELEPHONE NO. Po Box 156 Bloomfield NM 87413, 505-632-3476						8. FARM OR LEASE NAME, WELL NO. Jicarilla Apache F 22	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 1774' FSL X 807' FWL At top prod. Interval reported below At total depth						9. API WELL NO. 30-039-31128 - 0051	
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL OR WILDCAT Lindrieth Gallup Dakota West	
15. DATE SPUDDED 9-9-13						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA "L" Sec. 17-T25N-R5W	
16. DATE T.D. REACHED 9-20-13						12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 12-13-13						13. STATE NM	
18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 5563' GR						19. ELEV. CASING HEAD	
20. TOTAL DEPTH MD & TVD 7590' MD TVD		21. PLUG BACK T.D., MD & TVD 7545' MD TVD		22. IF MULTIPLE COMPL., HOW MANY* →		23. INTERVALS DRILLED BY → X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 6983' - 7042'						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN Spectral Density, high Resolution Induction Log, CBL LOG						27. WAS WELL CORED	
23. 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		
8 5/8" J-55	24#	522'	12 1/4"	350 sks to surface	20 bbls		
5 1/2" J-55	15.5#	7590'	7 7/8"	1250 sks to surface	60 bbls		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7042'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)				
6983' - 7042'	.46	282	6983' - 7042'				
			AMOUNT AND KIND OF MATERIAL USED				
			ACID: 5500 gal of 7 1/2% MCA w/additives				
			FRAC: Pumped 1175966 MCSF of N2 followed by				
			58816 gals of 70Q Delta w/BBC frac fluid. Pumped				
			no sand.				
33.* PRODUCTION							
DATE FIRST PRODUCTION 12-13-13		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				J.L. STATUS (Producing or shut in) Producing	
DATE OF TEST 12-13-13	HOURS TESTED 24	CHOKE SIZE 3/8"	PROD'N. FOI TEST PERIOD	OIL--BBL. 0	GAS--MCF. 663	WATER--BBL. 106	GAS-OIL RATIO
FLOW. TUBING PRESS 180	CASING PRESS 180	CALCULATE	OIL--BBL. 1	GAS--MCF. 663	WATER--BBL. 106	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Amy Mackey		TITLE Sr. Regulatory Supervisor				DATE 12/18/2013	

*(See Instructions and Spaces for Additional Data on Reverse Side)

William Tambekou

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
San Jose	Surface					
Nacimiento	647'					
Ojo Alamo	1901'					
Kirtland	2232'					
Fruitland Coal	2520'					
Pictured Cliffs	2650'					
Lewis	2706'					
Chacra	3503'					
Mesa Verde	4300'					
Mancos	5031'					
Gallup	5897'					
Greenhorn	6778'					
Graneros	6855'					
Dakota	6982'					