

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

JUL 08 2014

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"/> Other <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 <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Elm Ridge Exploration Co. LLC		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS AND TELEPHONE NO. Po Box 156 Bloomfield NM 87413, 505-632-3476		8. FARM OR LEASE NAME, WELL NO. Jicarilla Apache F 20	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 1746' FSL X 877' FWL At top prod. Interval reported below At total depth		9. API WELL NO. 30-039-31144 -0051	
14. PERMIT NO.		10. FIELD AND POOL OR WILDCAT Lindrith Gallup Dakota West	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA "L" Sec.16-T25N-R5W	
12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
15. DATE SPUDDED 12-8-13	16. DATE T.D. REACHED 12-17-13	17. DATE COMPL. (Ready to prod.) 6-25-14	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6675' GR
19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 7622' MD TVD		21. PLUG BACK T.D., MD & TVD 7577' MD TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY <input checked="" type="checkbox"/> ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 7038' - 7224'		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.	
8 5/8" J-55		24#	
5 1/2" J-55		17#	
DEPTH SET (MD)		HOLE SIZE	
515'		12 1/4"	
7596'		7 7/8"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
350 sks to surface		40 bbls	
1220 sks to surface		50 bbls	
29. LINER RECORD			
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		30. TUBING RECORD	
SIZE		DEPTH SET (MD)	
2 3/8"		7022'	
PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)			
INTERVAL		SIZE	
7038' - 7224'		.46	
NUMBER		238	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
		ACID: 7000 gal of 7 1/2% MCA w/additives	
		Frac: Pumped 4032795 SCF N2, Pumped 47966	
		Delta Foam . Used 1450 sks of 20/40 CRC sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 6-25-14		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing	
DATE OF TEST 6-25-14		HOURS TESTED 24	
CHOKE SIZE 1/2"		PROD'N. FO TEST PERIOD	
OIL--BBL.		GAS--MCF.	
0		720	
WATER--BBL.		GAS-OIL RATIO	
0		0	
FLOW. TUBING PRESS		CASING PRESS	
100		220	
CALCULATE		OIL-BBL.	
0		GAS--MCF.	
720		WATER--BBL.	
0		OIL GRAVITY-API (CORR.)	
0			
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 Archuleta		TITLE Sr. Regulatory Supervisor	
DATE 7/8/2014		ACCEPTED FOR RECORD	

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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FARMINGTON FIELD OFFICE
BY: William Tambleky

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	680'					
Ojo Alamo	2226'					
Kirtland	2408'					
Fruitland Coal	2687'					
Pictured Cliffs	2807'					
Lewis	2892'					
Chacra	3660'					
Mesa Verde	4446'					
Mancos	5183'					
Gallup	5513'					
Greenhorn	6946'					
Graneros	7000'					
Dakota	7166'					