

APR 26 2012

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED

OMB NO 1004-0137

Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Field Office

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 _____		5. LEASE DESIGNATION AND SERIAL NO NMSF-078359	
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 N/A	
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 Ext 203		8. FARM OR LEASE NAME, WELL NO Marcus B #1	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements *) At Surface 2230' FSL x 1599' FEL		9. API WELL NO 30-039-30445 0051	
At top prod. Interval reported below		10. FIELD AND POOL OR WILDCAT Lybrook Gallup	
At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA J'Sec. 12-T23N-R7W	
14. PERMIT NO		12. COUNTY OR PARISH Rio Arriba County	
DATE ISSUED		13. STATE NM	
15. DATE SPUNDED 9-9-08	16. DATE T.D. REACHED 1-18-12	17. DATE COMPL. (Ready to prod.) 4/5/12	18. ELEVATIONS (DF, RKB, RT, GR, ETC) * 6983' GL
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5960' MD TVD 5898' MD TVD	
21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* (5481' - 5618') Lybrook Gallup (5360' - 5410') Lybrook Gallup		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
8 5/8" J55	24#	356'	12 1/4"
5 1/2" J55	15 5#	5941'	7 7/8"
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
300 sks		11 bbls to surface	
1170 sks		80 bbls to surface	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			2 3/8"
30. TUBING RECORD		PACKER SET (MD)	
SIZE		DEPTH SET (MD)	
2 3/8"		5567'	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)
5481' to 5618'	.46	228	5481' - 5618'
5360' to 5410'	.46	284	5360' - 5410'
		AMOUNT AND KIND OF MATERIAL USED	
		ACID: 16000 gals 7 1/2% HCL with additives	
		FRAC: Pumped 4660 MCF N2 followed by 48715 gals 17CP 70Q delta w/BBC frac fluid, 29720 gals	
		23 CP 70Q delta w/bbc frac fluid Tailed w/ 139292 gals 17 CP 70Q delta 140 frac fluid, 98125 gals 23CP	
		17Q Delta 140 w/ bbc frac fluid. Pumped 2540.8 sk	
		20/40 CRC w/ max BH concentration.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 4-17-12	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing		L STATUS (Producing or shut in) Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FLOW OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO
FLOW. TUBING PRESS	CASING PRESS	CALCULATE 24-HOUR RATE	OIL--BBL. GAS--MCF. WATER--BBL. OIL GRAVITY-API (CORR)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			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	TITLE		DATE
<i>Administrative Specialist</i>	Administrative Specialist		4/25/2012

\*(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

ACCEPTED FOR RECORD

APR 26 2012

FARMINGTON FIELD OFFICE

NMOCDAV

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					
Nacimeinto	Behind pipe					
Ojo Alamo	1441'					
Kirtland	1592'					
Fruitland	1745'					
Pictured Cliffs	2049'					
Lewis	2110'					
Chacra	2450'					
Cliff House	3549'					
Menefee	3569'					
Point Lookout	4278'					
Mancos	4562'					
Gallup	5106'					