

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See other instructions on reverse side)

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
 b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐
 98 FEB 23 PM 3:47

2. NAME OF OPERATOR
 Elm Ridge Resources, Inc. (505) 326-7099

3. ADDRESS AND TELEPHONE NO.
 312 West LaPlata St., Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 870' FSL & 890' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. 30-039-25610 DATE ISSUED

12. COUNTY OR PARISH Rio Arriba 13. STATE NM

15. DATE SPUDDED 1-1-98 16. DATE T.D. REACHED 1-12-98 17. DATE COMPL. (Ready to prod.) 2-16-98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6,561' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6,843' (KB) 21. PLUG, BACK T.D., MD & TVD 6,800' (KB) 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6,624' - 6,635' & 6,651' - 6,693' (all KB, all Dakota) 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron/Density, Dual Induction, CBL 27. WAS WELL CORRED No

29. 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" K-55	24	3 1/4 354' KB	12-1/4"	250 sx & to surface	
4-1/2" K-55	10.5	6,843' KB	7-7/8"	1865 sx & to surface	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SAGG CEMENT	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				2-3/8"	6,640' KB	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perforated Dakota with 4 shots/foot OD=0.41". Formation broke down @ 3223# ATP 2300#, AIR 25 BPM, ISIP 1750#		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		6,624'-6,635'	Stage tool @ 4776'
		6,651'-6,693'	60 ton 20/40 LC sand
			1500 gal. 15% HCl

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-9-98		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	WAS-OIL RATIO
2-9-98	3 hr	3/4"	→	.125	302	1.5*	30,000:1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1,800	1,800	→	1	2,416	12*	390	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold. Sl awaiting C-104 approval. TEST WITNESSED BY D. Endsley

35. LIST OF ATTACHMENTS Logs forwarded by Halliburton. *frac water only

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED [Signature] TITLE Consultant DATE 2-19-98

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

Y OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and as):

TION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			See Reverse	San Jose <i>/Rue</i> Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliffhouse Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros Sand Main Dakota Burro Canyon	0000' 1694' 1950' 2119' 2248' 2350' 2978' 3767' 3840' 4450' 4630' 5503' 6430' 6530' 6623' 6738'	

38. GEOLOGIC MARKERS