

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

Contract #398

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

1a. TYPE OF WORK

OIL WELL ☐

GAS WELL ☒

DRY ☐

Other

1b. TYPE OF WELL

NEW WELL ☐

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☒

DIFF RESVR ☐

Other

2. NAME OF OPERATOR

Elm Ridge Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

PO Box 156 Bloomfield, NM 87413 (505) 632-3476 ext. 201

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)

At Surface

990' FSL X 1650' FEL

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

Martin Whittaker #34

9. API WELL NO.

30-039-23440

10. FIELD AND POOL OR WILDCAT

Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY

OR AREA

Sec. 16-T23N-R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUNDED

7-1-84

16. DATE T.D. REACHED

7-13-84

17. DATE COMPL. (Ready to prod.)

5-24-05

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7089' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7150' MD

TVD

21. PLUG BACK T.D., MD & TVD

2980' MD

TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE

N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL, CBL

27. WAS WELL CORED

N/A

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
9 5/8"	32.0	242'	12 1/4"	207 cu. ft. (circulated)	
5 1/2"	17.0	7148'	7 7/8"	518 cu. ft. TOC 4906' (calc.)	
				33 cu. ft. TOC 1250' (temp. surge)	
				DV Tool @ 5015'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2631'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
2640-2720'	.34	160

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2640-2720'	6006 gals 7-1/2% HCl & additives

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6-28-05		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.		GAS-OIL RATIO
6/7/2005	24	0.25"	→	N/A	17	1/4		ACCEPTED FOR P
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)
82	240	→	N/A	17		1/4		JUN 20 200

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

FARMINGTON FIELD OFFICE
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

Production Technician

DATE

6/28/2005

NMOC

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	TRUE VERT. DEPTH
Nacimientito		865'					
Basal Fruitland Coal		2496'					
Pictured Cliffs		2613'					
Lewis Shale		2748'					