

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

BIA #69

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

Apache 12-F

9. API WELL NO.

30-039-25609

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

17-24n-5w NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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. RENVR. ☐

Other

2. NAME OF OPERATOR

Elm Ridge Resources, Inc. (214) 696-8090

3. ADDRESS AND TELEPHONE NO.

4925 Greenville Ave., Suite 1305, Dallas, Tx. 75206

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

At surface 1850' FSL & 890' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

30-039-25609

15. DATE SPUDDED

11-17-96

16. DATE T.D. REACHED

11-29-96

17. DATE COMPL. (Ready to prod.)

12-18-96

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

6,534' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6,817' (KB)

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

6,740' (KB)

22. IF PLUGGING COMPLETION, HOW MANY

23. INTERVALS DELETED BY

ROTARY TOOLS

CABLE TOOLS

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

6,599' - 6,659' (KB) Dakota

All

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cased Hole Neutron, Cement Bond

27. WAS WELL CORRED

No

28. 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"	24	354' KB	12-1/4"	225 sx & to surface	
4-1/2"	10.5	6,813' KB	7-7/8"	2350 sx & to surface	

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"	6,594' KB	

31. PERFORATION RECORD (Interval, size and number)

Perforated 6,599'-6,659' with 15 holes.
OD=0.41". Formation broke down @ 2118#
ATP 2872#, AIR 35 BPM, ISIP 2220#

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6,599'-6,659'	48,376 gal 30# linked gel
	50 ton 20/40 Ottawa sand
	1200 gal 15% HCl

33.*

PRODUCTION

DATE FIRST PRODUCTION

12-16-96

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut in

DATE OF TEST

12-14-96

HOURS TESTED

3 hr

CHOKER SIZE

3/4"

PROD'N. FOR TEST PERIOD

0.04

OIL—BBL.

245

GAS—MCF.

0.83*

WATER—BBL.

2.0*

GAS-OIL RATIO

>50⁰

FLOW, TUBING PRESS.

1,700

CASING PRESSURE

1,700

CALCULATED 24-HOUR RATE

1

OIL—BBL.

1960

GAS—MCF.

2.0*

WATER—BBL.

2.0*

OIL GRAVITY-API (CORR.)

>50⁰

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

Flared. No sales. SI 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

Brian W. [Signature]

TITLE

Consultant

DATE

12-23-96

*(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

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Dakota Ss	6,597'	TD	Gas Only log run to record tops was a cased hole neutron. It was set to record only over Dakota. Logs are being forwarded to BLM & OCD by Halliburton.			