

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
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 18-2

9. API WELL NO.

30-039-25548

10. FIELD AND POOL, OR WILDCAT

Bas Dak & Dev Frk Gall

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

A 18-24n-5w NMPM

12. COUNTY OR

Rio Arriba

13. STATE

NM

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☒ DEV ☐ OTHER ☐ DEC - 8 1997

1. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEPTH ☐ PLUG BACK ☐ DIFF. REMOV. ☒ 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 890' FNL & 1450' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

30-039-25548

15. DATE SPECIFIED

9-30-95

16. DATE T.D. REACHED

10-10-95

17. DATE COMPL. (Ready to prod.)

5-7-97

18. ELEVATIONS (DP, RKB, ST, CB, ETC.)*

6,502' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6,758' (KB)

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

6,712' (KB)

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. WAS DIRECTIONAL SURVEY MADE

Yes

25. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron/Density, Dual Induction

27. WAS WELL CORRO

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	235' KB	12-1/4"	170 sv & to surface	
4-1/2"	10.5	6,758' KB	7-7/8"	1946 sv & to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6,617' KB	

31. PERFORATION RECORD (Interval, size and number)

Perforated Upper Dakota with 4 shots/foot
OD=0.41". Formation broke down @ 2876#
ATP 2740#, AIR 40 BPM, ISIP 2150#

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6,590' - 6,600'	34,000 gal 30# linked gel
	25 ton 20/40 Ottawa sand
	500 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)	
5-2-97		Piston					Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5-2-97	24 3 hr	3/4"	→	125 26	13.3 57	9.83 *		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
1337 76	530	1337 →	1	80	5 *	>50°		

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

Sold. SI awaiting C-107-A 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

TITLE

Consultant

DATE

5-12-97

*(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.

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
			<u>Devil's Fork Gallup completion data</u> Perforation Interval: 5,455' to 5,729' Total Perforations: 49 (intermittent) Perforation Diameter: 0.41" Formation Broke: 3,000 psi Average Treat. Pressure: 2,696 psi Average Injection Rate: 34 bpm Initial Shut-in Pressure: 2,055 psi Treated with ... 2 MMcf standard 70 quality foam 100 ton 20/40 sand 34,000 gal 30# gel 200 bbl 15% HCl Test Length: 24 hours Tubing Pressure: 70 psi Casing Pressure: 530 psi Oil: 20 bopd Gas: 57 Mcfd (AOF: 456 Mcfd) Water: 9 bwpd (returned frac water) Disposition ... Gas: Vented (Now SI) Oil: Stored on site in tank			