

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Elm Ridge Resources, Inc. (214) 696-8090

3. ADDRESS OF OPERATOR
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**

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
Apache 18

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
18-24n-5w NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED **9-30-95** 16. DATE T.D. REACHED **10-10-95** 17. DATE COMPL. (Ready to prod.) **11-17-95** 18. ELEVATIONS (DF, RKB, RT, GR, 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 **All** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
6,618' - 6,638' (KB) Basin Dakota

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction, Compensated Neutron/Density

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	235' KB	12-1/4"	170 sx & to surface	
4-1/2"	10.5	6,758' KB	7-7/8"	1946 sx & to surface	

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

31. PERFORATION RECORD (Interval, size and number)
Perforated 6,618'-6,638' with 4 spf. OD=0.5". Formation broke down @ 2232# ATP 2900#, AIR 40 BPM, ISIP 2450# 15 min. SIP 1676#

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6,618'-6,638'	56,877 gal 30# linear gel
	50 ton 20/40 Brady sand

33.* PRODUCTION

DATE FIRST PRODUCTION **11-13-95** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Shut in**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
11-13-95	3 hr	3/4"	→	0.125	190	1.875	.
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1,100	1,100	→	1	1520	15	>500	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Flared. No sales. SI waiting meter connect (underway). TEST WITNESSED BY **D. Erdosley**

35. LIST OF ATTACHMENTS
Deviation record only. Logs forwarded by Halliburton.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
Consultant **11-17-95**

SIGNED Brian J. [Signature] TITLE _____ DATE _____

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

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	0'	1,695'	Gas bubbles found in cellar mud after cementing surface string. Bubbles ceased within half day. See 10-20-95 Sundry for details.	San Jose	(From KB)	
				Ojo Alamo	Surface	
Dakota	6,618'	6,638'	Gas Zone See Reverse for more detail	Kirtland	1,695'	
				Fruitland	1,843'	
				Pictured Cliff	2,030'	
				Lewis	2,180'	
				Chacra	2,290'	
				Cliffhouse	3,007'	
				Menefee	3,705'	
				Pt. Lookout	3,791'	
				Mancos	4,344'	
				Gallup	4,500'	
				Sanostee	5,460'	
				Greenhorn	6,059'	
				Graneros	6,383'	
				Dakota	6,485'	
				Burro Canyon	6,589'	
				TD	6,702'	
					6,758'	

Elm Ridge Resources Inc.
Apache #18-2
Sec.18-T24N-R5W
Rio Arriba County, New Mexico

SLOPE TESTS

DEPTH

HOLE DEVIATION

235'	1/4
762'	1/4
1257'	1 1/2
2035'	3 1/2
2161'	3
2315'	1 3/4
2564'	2
3040'	1 3/4
3539'	1
4037'	1/4
4697'	1/2
5192'	1/2
6230'	1/2
6758'	

State of New Mexico)
)
County of San Juan)

I, Doug Endsley, being first duly sworn, depose and state that the above and foregoing depth and hole deviation figures are true and correct to the best of my information and belief.

Subscribed and sworn before me this 17th day of November, 1995.

Doug Endsley

Silvia E. Day

Notary Public

My Commision Expires Nov 15 1998