

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ 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 (Footage, Sec., T., R., M., or Survey Description)  
**Surface: NWNE 18-24n-5w**  
**BHL: Same**

5. Lease Designation and Serial No.  
**BIA #69**

6. If Indian, Allottee or Tribe Name  
**Jicarilla Apache**

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**Apache 18-2**

9. API Well No.  
**30-039-25548**

10. Field and Pool, or Exploratory Area  
**Basin Dakota**

11. County or Parish, State  
**Rio Arriba, NM**

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Propose to recomplate additional Dakota zone and in Devil's Fork Gallup Pool. If latter successful and after compiling test data, will file for approval for downhole commingling and unorthodox location (too close to quarter-quarter line; no other operator affected - closest lease boundary is 3,830' west). Propose to ...

Move in and rig up with Big A. If needed, kill well with  $\approx 10$  bbl 2% KCl. Trip out of hole with 2-3/8" tubing. Pick up retrieveable bridge plug and set @  $\approx 6617'$  KB. Dump 15' of sand on top of RBP. Trip in hole with 2-3/8" tubing and spot  $\approx 1000$  gal. 15% HCl at bottom of hole. Trip out of hole. Pick up 3-1/8" steel casing gun and perforate Upper Dakota interval from 6590'-6600' KB with 4 shots/ft. RU with Halliburton. Frac Dakota interval with  $\approx 22,500$  lb 20/40 Brady sand and  $\approx 24,000$  gal. 70 Q foam. Pick up retrieveable bridge plug and set @  $\approx 5850'$  KB. Dump 50' of sand on top. Pick up 3-1/8" steel casing gun and selectively perforate Gallup interval from 5460'-5728' KB. RU w/Halliburton. Frac Gallup interval with  $\approx 200,000$  lb 20/40 Brady sand and  $\approx 115,000$  gal. 70 Q foam. SI well for 3-6 hours. Flow back to tank. If dead; TIH with 2-3/8" tubing, clean out sand to PBSD 5850' KB, and TOOH. Trip in hole with retrieving tool and trip out of hole with retrieveable bridge plug. Trip in hole with 2-3/8" tubing and clean out Upper Dakota interval to 6617' KB. Trip out of hole. Trip in hole with retrieving tool and trip out of hole with retrieveable bridge plug. Trip in hole with 2-3/8" tubing and land @  $\approx 6580'$  KB. Place well back on production.

cc: BIA, BLM (ADO & SO), Elm (D&F), OCD (via BLM-ADO), Tribe

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Consultant (505) 466-8120 Date 2-27-97

(This space for Federal or State office use)

Approved by [Signature] Title Chief, Lands and Mineral Resources Date MAR 5 1997

Conditions of approval, if any:

\*See instruction on Reverse Side

HEL 17 C-1004 For Devils Fork Plat & N 5 C (E)