

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

RECD DEC 21 11 08  
OIL CONS. DIV.  
DIST. 9

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Elm Ridge Exploration Co. LLC

3a. Address  
PO Box 156 Bloomfield, NM 87413

3b. Phone No. (include area code)  
(505) 632-3476 ext. 201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2310' FSL X 2310' FWL  
F-Sec. 4-T23N-R3W

5. Lease Serial No.  
Jicarilla Joint Venture

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

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.  
Jicarilla Joint Venture KD #4

9. API Well No.  
30-039-21457

10. Field and Pool, or Exploratory Area  
W. Lindrith Gallup Dakota

11. County or Parish, State  
Rio Arriba, NM

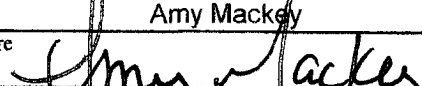
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Repeated attempts to return this well to production have been unsuccessful. As a result, Elm Ridge Exploration Co. requests approval to plug and abandon this well according to the attached procedure.

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

Name (Printed/Typed) Amy Mackey	Title Production Assistant
Signature 	Date December 12, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Original Signed: Stephen Mason	Title	Date DEC 13 2006
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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.

(Instructions on reverse)

NMOCD

#### **Plugging Program for Jicarilla JV KD #4:**

Plug 1: Set retainer at 7220'. Squeeze below retainer with 6 sacks. Spot 4 sacks on top of retainer to cover across top of Dakota.

Plug 2: Spot 11 sack balanced plug from 6190-6090' to cover 100' across top of Gallup.

Plug 3: Perf 4 holes at 4683'. Set retainer at 4633'. Squeeze below retainer with 43 sacks. Spot 4 sacks on top of retainer to cover 100' across Cliff House top.

Plug 4: Perf 4 holes at 3970'. Set retainer at 3920'. Squeeze below retainer with 43 sacks. Spot 4 sacks on top of retainer to cover 100' across Chacra top, as required by NMOCD.

Plug 5: Spot 39 sack balanced plug from 3078-2613' to cover 100' across Pictured Cliffs, Fruitland, and Ojo Alamo tops.

Plug 6: Perf 4 holes at 1473'. Set retainer at 1423'. Squeeze below retainer with 43 sacks. Spot 4 sacks on top of retainer, to cover 100' across top of Nacimiento.

Plug 7: Perf 4 squeeze holes at 295'. Tie on to 4-1/2" casing. Establish rate through perforations. Pump 114 sacks down 4-1/2" casing, or sufficient volume to circulate cement to surface inside and outside 4-1/2" casing.

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** Jicarilla JV KD #4  
**Footage:** 2310' FNL and 2310' FWL  
**Location:** Section 4, T23N, R3W  
**County:** Rio Arriba County, NM  
**API#:** 30-039-21457

**Field:** W. Lindrith Gallup-Dakota

**Elevation:** 7214' KB  
**PBTD:** 7489' KB

**TD:** 7627' KB  
**COTD:** 7374' KB

**Completed:** 10/29/77

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	K-55	245'	250 sx (Circ. To Surface)
7-7/8"	4-1/2"	10.5/11.6#	K-55	7560'	Stg 1: 400 sx Stg 2: 250 sx (DV@3236') <sup>(1)</sup>

<sup>(1)</sup> 1<sup>st</sup> Stage: TOC: 6025' (Calc.). 2<sup>nd</sup> Stage: TOC 2550' (Calc)

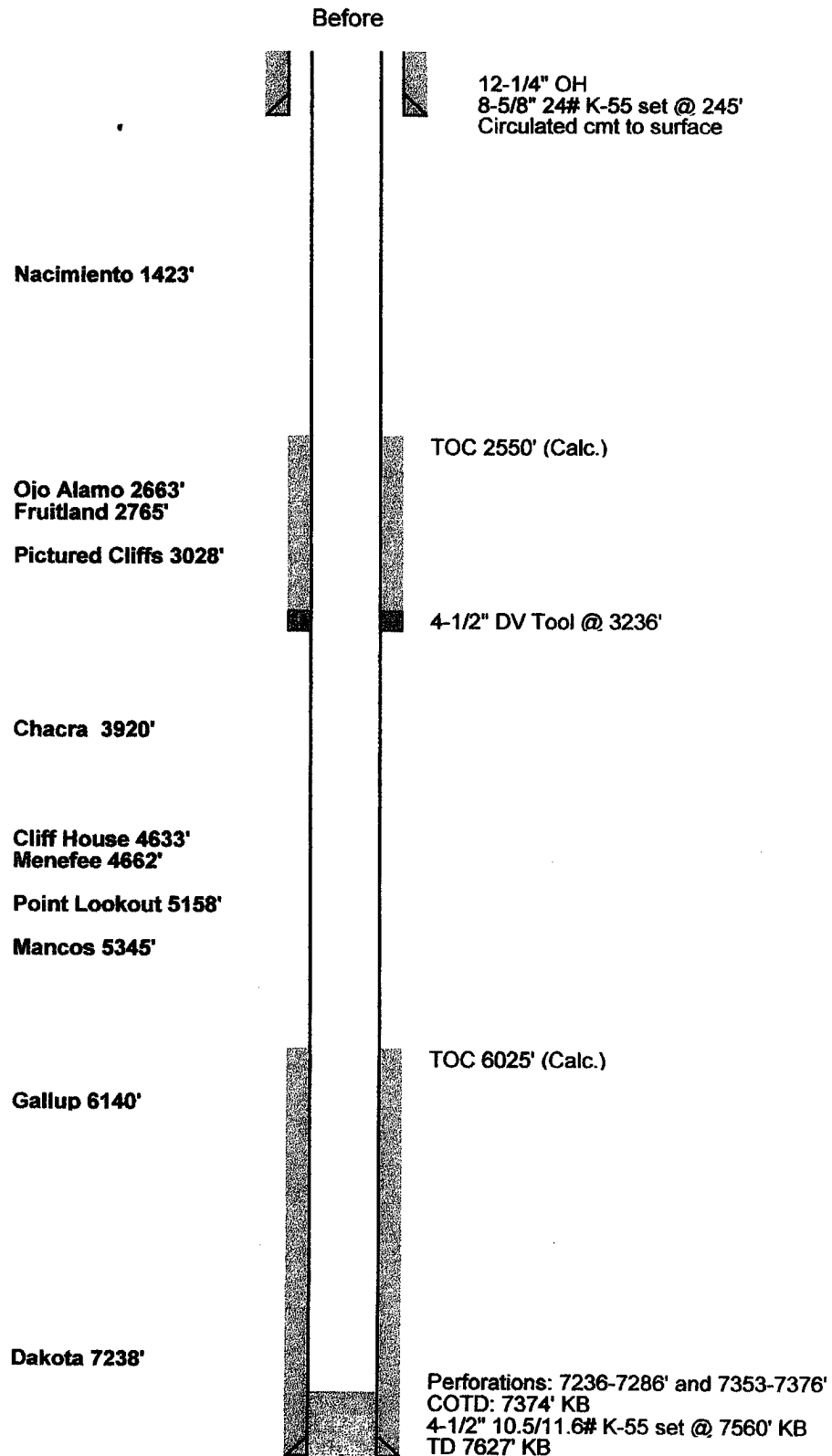
**Tubing:** Landed near 7344'

### Formation Tops:

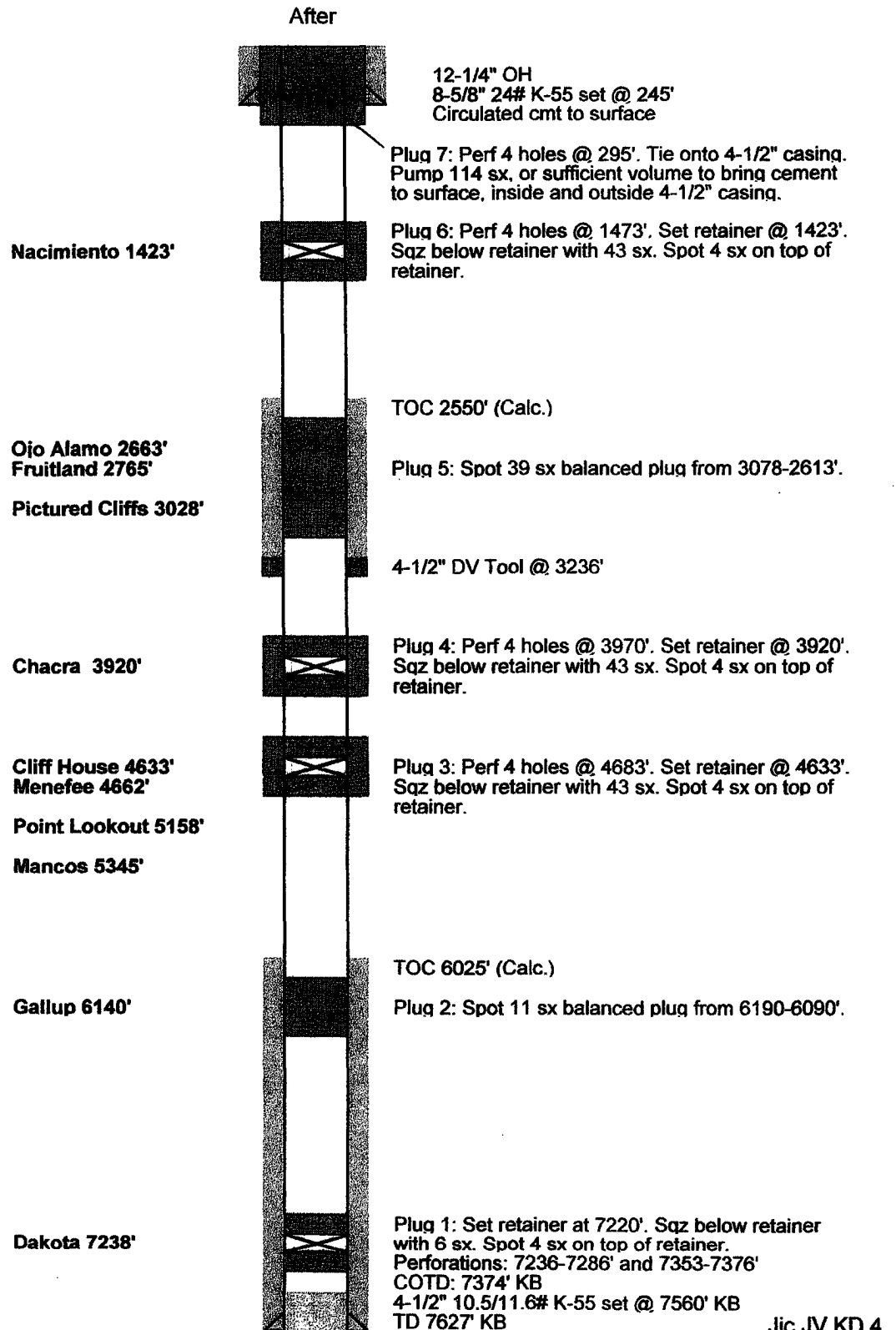
Nacimiento 1423'  
Ojo Alamo 2663'  
Fruitland 2765'  
Pictured Cliffs 3028'  
Lewis 3149'  
Chacra 3920'  
Cliff House 4633'  
Menefee 4662'  
Point Lookout 5158'  
Mancos 5345'  
Gallup 6140'  
Dakota 7238'

**Perforations:** Dakota: 7236'-7286' and 7353'-7376'

Wellbore Diagram  
Jicarilla JV KD #4  
NW/4 Sec. 4, T23N, R3W  
Rio Arriba Co., NM  
API #30-039-21457



Wellbore Diagram  
 Jicarilla JV KD #4  
 NW/4 Sec. 4, T23N, R3W  
 Rio Arriba Co., NM  
 API #30-039-21457



Jic JV KD 4  
 12/12/2006

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from December 18, 2006 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.