

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

5. Lease Serial No.  
SF 079352A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Harrington Federal 28 #1Y

9. API Well No.  
30-039-24363

10. Field and Pool, or Exploratory Area  
Basin Fruitland Coal

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1.  Oil Well  Gas Well  Other

2. Name of Operator  
Elm Ridge Exploration Company, LLC

3a. Address  
P.O. Box 156, Bloomfield, NM 87413

3b. Phone No. (include area code)  
(505) 632-3476 ext. 203

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2310' FNL X 2115' FEL Sec.28-T24N-R1W SW/NE

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 recomplate 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 recompletion 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.)

Elm Ridge Exploration Company, LLC, requests approval to plug and abandon this well according to the attached procedure.



RECEIVED  
070 FEB 13 2006 AM  
2006 JUN 30 AM 11 55

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

Name (Printed/Typed) Amy Mackey Title Production Assistant

Signature [Signature] Date January 27, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by Original Signed: Stephen Mason Title Date FEB 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)

## **Plugging Program for Harrington Federal 28 #1Y**

**Plug 1:** Set 9-5/8" retainer at 2943'. Squeeze 200 sacks below retainer. Spot 122 sack plug above retainer to cover top of Pictured Cliffs, Fruitland Coal, and Ojo Alamo. Volumes include required excess cement. Pull up and reverse circulate with 2 tubing volumes of water.

**Plug 2:** With end of tubing at 1503', spot 55 sack balanced plug (includes excess volume) to cover top of Nacimiento from 1503-1403'. Pull up and reverse circulate with 2 tubing volumes of water.

**Plug 3:** With end of tubing at 654', pump 254 sacks, or sufficient volume to bring cement to surface inside 9-5/8" casing.

Cut off wellhead 3' below surface. Install dry hole marker. Reclaim location.

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** Harrington Federal 28 #1Y  
**Footage:** 2310' FNL and 2115' FEL  
**Location:** Section 28, T24N, R1W  
**County:** Rio Arriba County, NM  
**API#:** 30-039-24363

**Field:** Basin Fruitland Coal                      **Elevation:** 7392' KB                      **TD:** 8000' KB  
**PBTD:** 3388'

**Completed:** 2/21/89

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
17-1/2"	13-3/8"	68#	N/A	604'	820 sacks (Circ. to Surface)
13-3/8"	9-5/8"	40#	K-55	3480'	780 sacks (Circ. to Surface)
8-3/4"	7"	26#	N-80	8000'	550 sacks (TOC 4650' CBL)

### Formation Tops:

Nacimiento\* 1453'  
Ojo Alamo\* 2705'  
Kirtland-Fruitland\* 2958'  
Fruitland Coal\* 3031'  
Pictured Cliffs\* 3085'  
Mesaverde 4900'  
Gallup 6610'  
Dakota 7770'

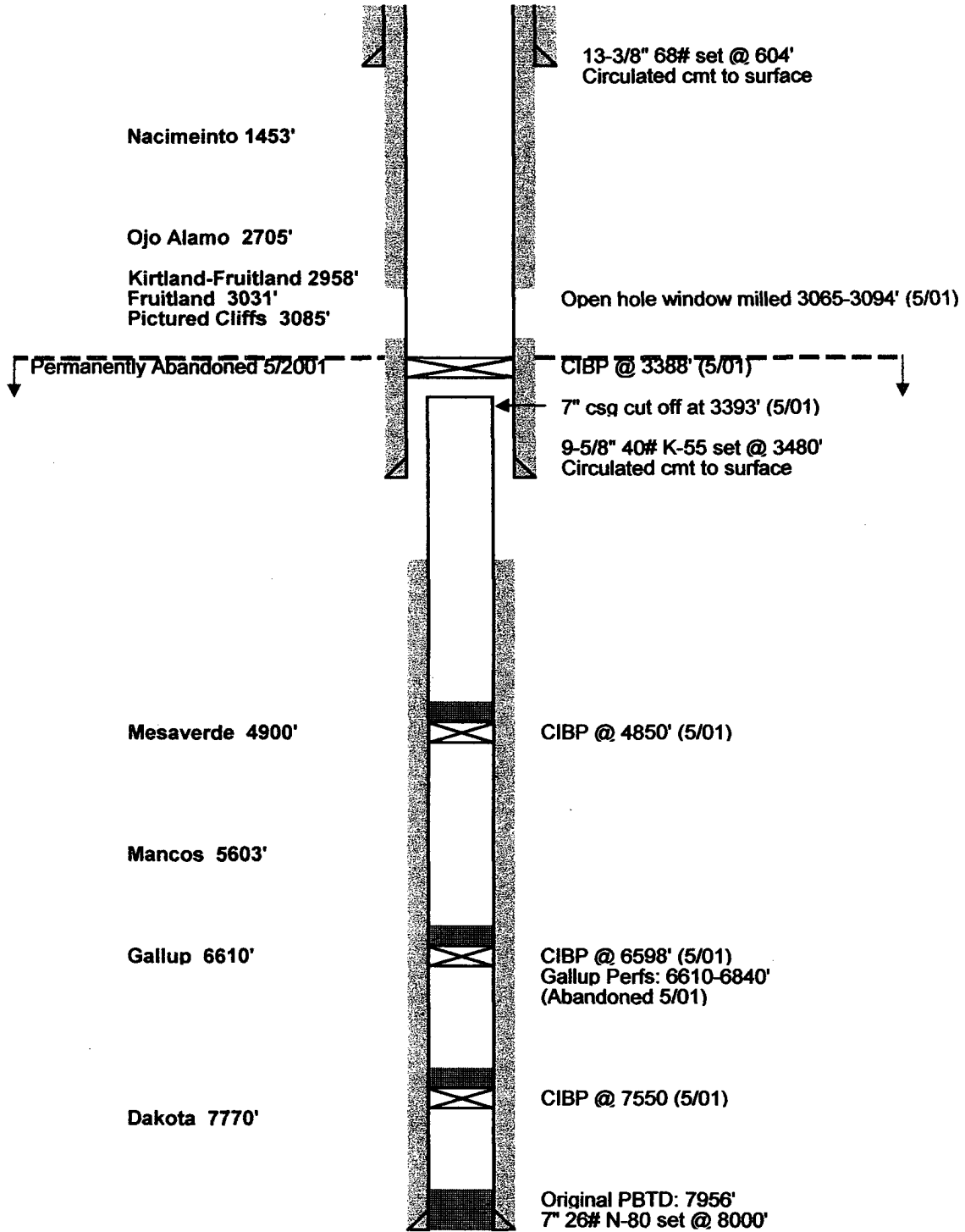
### \*Interval Not Logged In This Well:

Tops taken from recent Harrington Federal #3 P&A  
(API No. 039-05320) and corrected for KB elevation.

**NOTE: NMOCC Website shows 3 logs under API # 039-24363  
that are from the NEBU Unit, and not the Harrington Fed 28 #1Y.**

**Perforations:** Fruitland Coal: 3065-3094' (Open Hole)  
Gallup: 6610-6840' (Abandoned 5/2001)

Wellbore Diagram  
Harrington Federal 28 #1Y  
Sec. 28, T24N, R1W  
Rio Arriba Co., NM  
API #30-039-24363



Wellbore Diagram  
 Harrington Federal 28 #1Y  
 Sec. 28, T24N, R1W  
 Rio Arriba Co., NM  
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