

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**

RECEIVED

APR 11 2012

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

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

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

1 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NM 0101694
2 Name of Operator Elm Ridge Exploration Co., LLC		6 If Indian, Allottee or Tribe Name me...
3a Address P.O. Box 156, Bloomfield, NM 87413	3b. Phone No. (include area code) (505) 632-3476 ext. 203	7 If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec., T., R., M., or Survey Description)  (Unit C) 790' FNL X 1850' FWL Sec. 36-T24N-R2W NE/NW		8 Well Name and No Melik Federal #3
		9 API Well No 30-039-05265
		10 Field and Pool, or Exploratory Area Blanco PC South
		11 County or Parish, State Rio Arriba County, 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.)

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

Notify NMOCD 24 hrs  
prior to beginning  
operations

RCVD APR 23 '12  
OIL CONS. DIV.  
DIST. 3

14 I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Amy Mackey	Title Administrative Manager
Signature	Date April 10, 2012
THIS SPACE FOR FEDERAL OR STATE USE	
Approved by Original Signed: Stephen Mason	Title Date APR 16 2012
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	
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 AV

### Plugging Program for Melik Federal #3:

Plug 1: TOO H with 1" tubing. PU and TIH with 2-3/8" workstring. With EOT at 3160', spot 7 sx balanced plug to cover perfs and top of Pictured Cliffs to 3090'. Pull up and reverse circulate with 2 tubing volumes of water. TOO H.

Plug 2: Perforate 4 holes at 3048'. TIH with 4-1/2" retainer and set at 2895'. Squeeze 86 sx below retainer. Spot 4 sx plug above retainer to cover tops of Kirtland-Fruitland and Ojo Alamo, inside and outside 4-1/2" casing. Pull up and reverse circulate with 2 tubing volumes of water. TOO H. *2998'*  
*1/2 3048-2700'*

Plug 3: Perf 4 holes @ 1555'. Set retainer at 1505'. Pump 28 sx below retainer and spot 4 sx plug on top of retainer to cover top of Nacimiento, inside and outside 4-1/2" casing. Pull up and reverse circulate with 2 tubing volumes of water. TOO H.

Plug 4: Perf 4 holes @ 152'. Tie onto 4-1/2" casing and pump 56 sx, or sufficient volume to bring cement top surface inside and outside 4-1/2" casing.

Reclaim location in accordance with Conditions of Approval.

# Elm Ridge Resources

## Pertinent Data Sheet

**Well Name:** Melik Federal #3  
**Footage:** 790' FNL and 1850' FWL  
**Location:** Section 36, T24N, R2W  
**County:** Rio Arriba County, NM  
**API#:** 30-039-05265

**Field:** So. Blanco Pictured Cliffs

**Elevation:** 7472' KB

**TD:** 3195' KB  
**PBTD:** 3171' KB

**Completed:** 10/5/1962

### **Casing Record:**

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	8-5/8"	24#	J-55	102'	60 sacks (Circ. to Surface)
6-3/4"	4-1/2"	9.5#	J-55	3185'	75 sacks TOC 3100' (TS)

**Tubing:** 1" tubing set at 3150'

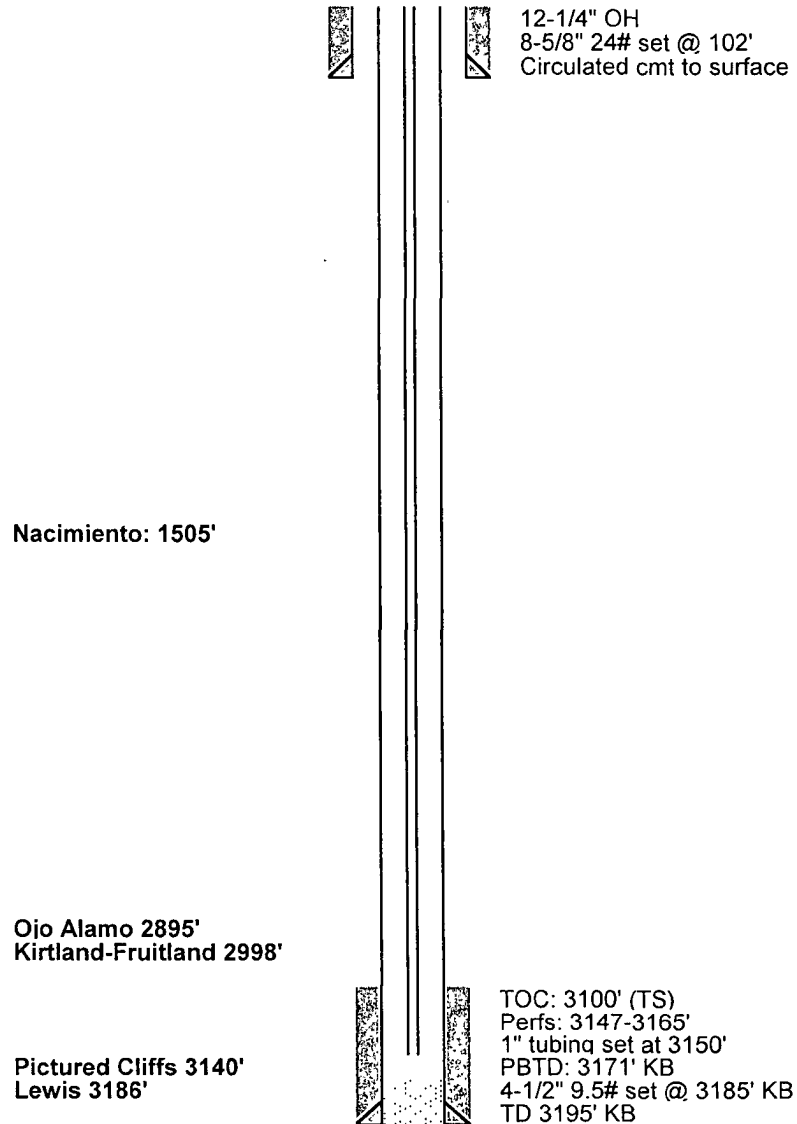
### **Formation Tops:**

San Jose	Surface
Nacimiento	1505'
Ojo Alamo	2895'
Kirtland-Fruitland	2998'
Pictured Cliffs	3140'
Lewis	3186'

**Perforations:** Pictured Cliffs: 3147-3165'

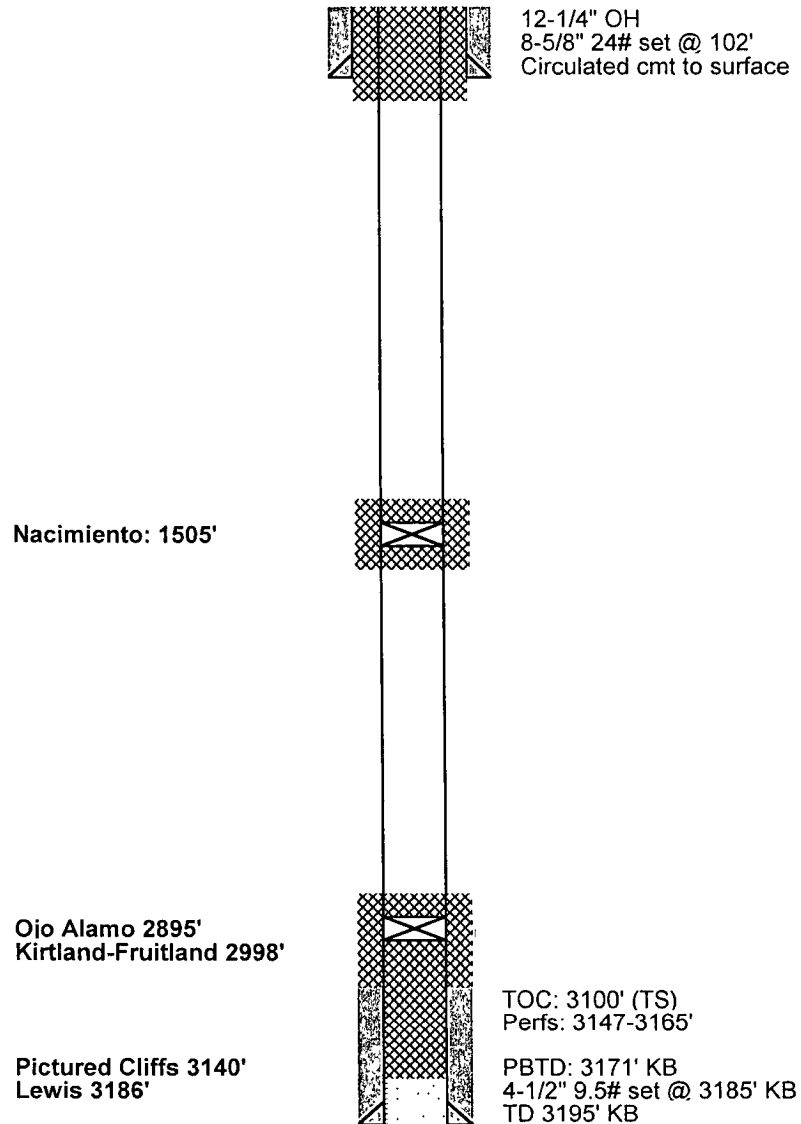
Wellbore Diagram  
Melik Federal #3  
NW/4 Sec. 36, T24N, R2W  
Rio Arriba Co., NM  
API #30-039-05265

Before



Wellbore Diagram  
Melik Federal #3  
NW/4 Sec. 36, T24N, R2W  
Rio Arriba Co., NM  
API #30-039-05265

After



# **UNITED STATES DEPARTMENT OF THE INTERIOR**

## **BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE**

6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 3 Melik Federal

### **CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 2750' inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.