

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

AUG 19 2016

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. Type of Well  
 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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 730' FNL X 1800' FWL  
 "C" - Sec. 8-T23N-R4W

5. Lease Serial No.  
 Jicarilla Contract 362

6. If Indian, Allottee or Tribe Name  
 Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
 Martin Whittaker #15

9. API Well No.  
 30-039-23282

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

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

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 intends to plug and abandon this well according to the attached procedure.

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

**SEE ATTACHED FOR CONDITIONS OF APPROVAL OIL CONS. DIV DIST. 3**

Notify NMOCD 24 hrs prior to beginning operations

OCT 28 2016

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

Name (Printed/Typed)    Title  
 Amy Archuleta    Sr. Regulatory Supervisor

Signature    Date  
 [Signature]    August 19, 2016

THIS SPACE FOR FEDERAL OR STATE USE

Approved by    Title    Date  
 [Signature]    PE    8/25/16

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  
 FFO

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 PV

## **Plugging Program for Martin Whittaker #15:**

Plug 1: RIH with 4-1/2" retainer and set at 6830'. Squeeze below retainer with 4 sacks. Spot 4 sacks on top of retainer, to cover across top of perforations and Dakota.

Plug 2: RIH with 4-1/2" retainer and set at 5744'. Squeeze below retainer with 4 sacks. Spot 4 sacks on top of retainer to cover across top of perforations and top of Gallup at 5744'.

Plug 3: With end of tubing at 5247', set 54 sack balanced plug to cover across 7" casing shoe, 4-1/2" liner top, and top of Mancos from 5247-4850'.

Plug 4: With end of tubing at 4144', set 29 sack balanced plug to cover across 7" top of Mesaverde from 4144-4044'.

Plug 5: Perforate 4 holes at 3055'. Set 7" retainer at 2410'. Squeeze below retainer with 295 sacks, to cover Chacra (per NMOCD rules), Pictured Cliffs, and Fruitland, inside and outside 7" casing from 3055-2374' (stage tool setting depth). Spot 76 sacks on top of retainer to cover top of Ojo Alamo inside 7" casing.

Plug 6: Perforate 4 holes at 1020'. Set 7" retainer at 970'. Squeeze below retainer with 36 sacks, and spot 10 sacks above retainer to cover Nacimiento, inside and outside 7" casing from 1020-920'.

Plug 7: Perforate 4 holes at 281'. Tie onto 7" 23# casing. Mix and pump 99 sacks or sufficient volume to bring cement to surface, inside and outside 7" casing.

Remediate location according to regulatory agencies' conditions of approval.

# Elm Ridge Exploration Co., LLC

## Pertinent Data Sheet

**Well Name:** Martin Whittaker #15  
**Footage:** 730' FNL and 1800' FWL  
**Location:** Section 8, T23N, R4W  
**County:** Rio Arriba County, NM  
**API#:** 30-039-23282

**Field:** South Lindrith Gallup-Dakota

**Elevation:** 6963' KB

**TD:** 7027' KB

**PBTD:** 7027' KB

**Completed:** 2/21/84

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	9-5/8"	36#	J-55	231'	236 ft <sup>3</sup> (Circulated cement to surface.)
8-3/4"	7"	23#	J-55	5197'	1 <sup>st</sup> Stg: 520 ft <sup>3</sup> (TOC 3468' Calc.) 2 <sup>nd</sup> Stg 400 ft <sup>3</sup> (TOC 1044' TS) DV Tool @ 2374'
6-1/4"	4-1/2" (Liner)	11.6#	N/A	5061-7027'	171 ft <sup>3</sup> (TOC 5500' CBL <sup>(1)</sup> )

<sup>(1)</sup>Intermittent cement coverage throughout liner annulus. Numerous squeezes performed as shown below. Cement is present across Dakota and Gallup tops outside liner.

**Tubing Record:** 2-3/8" tubing landed at 6611'.

**Rod Record:** 2x1-1/4x13 RHAC pump, 261 3/4" rods, 1-6'x3/4" sub, 1-2'x3/4" sub.

### Formation Tops:

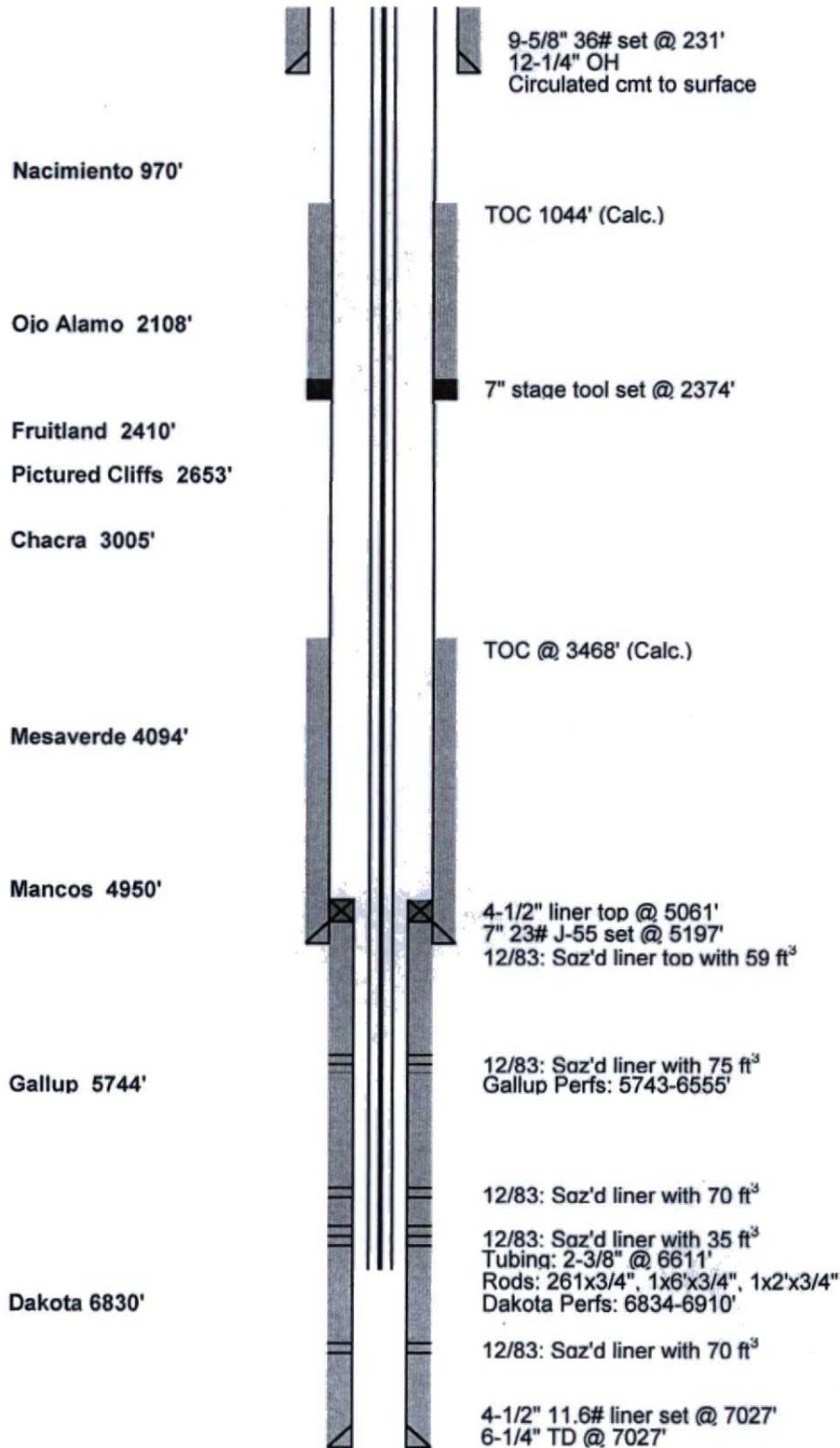
Nacimiento 970'  
Ojo Alamo 2108'  
Fruitland 2410'  
Pictured Cliffs 2653'  
Chacra 3005'  
Mesaverde 4094'  
Mancos 4950'  
Gallup 5744'  
Dakota 6830'

**Perforation Intervals:** Gallup - 5743-6555'  
Dakota - 6834-6910'

**Notes:** 12/1983 – Perfed squeeze holes at 6931,32,34,40, and 42'. Squeezed with 70 ft<sup>3</sup>.  
Perfed squeeze holes at 6521, 22, 23, and 24'. Squeezed with 35ft<sup>3</sup>.  
Perfed squeeze holes at 6324, 25, 26, 56, 57, and 58'. Squeezed with 70 ft<sup>3</sup>.  
Perfed squeeze holes at 5710, 11 12, and 13'. Squeezed with 75ft<sup>3</sup>.  
Squeezed liner hanger with 59 ft<sup>3</sup>.

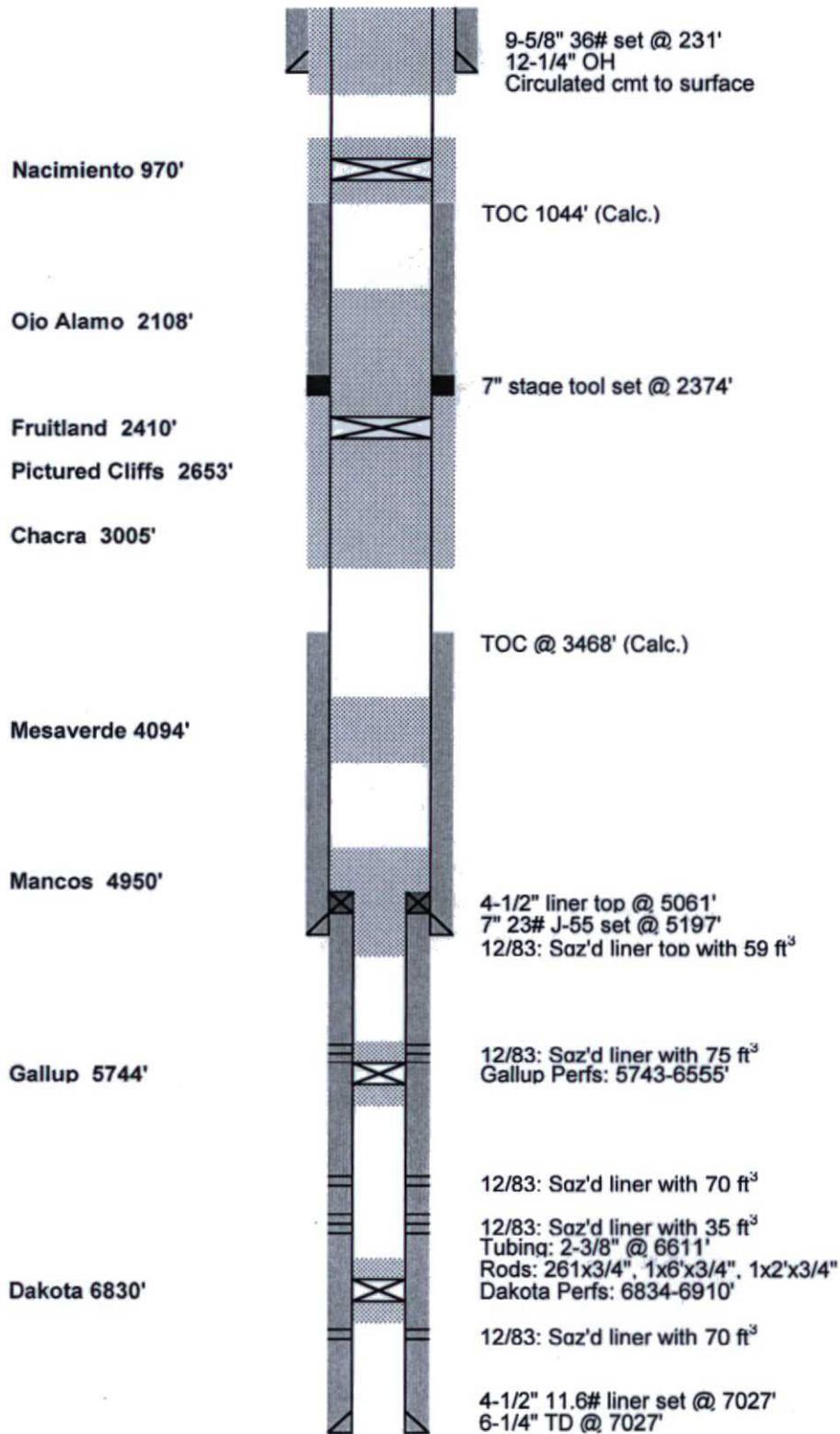
Wellbore Diagram  
 Martin-Whittaker #15  
 NW/4 Sec. 8, T23N, R4W  
 Rio Arriba Co., NM  
 API #30-039-23282

Before



Wellbore Diagram  
 Martin-Whittaker #15  
 NW/4 Sec. 8, T23N, R4W  
 Rio Arriba Co., NM  
 API #30-039-23282

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: Martin Whittaker #15

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) Set Plug #5a (3444-2374) ft. inside/outside to cover the Chacra, Fruitland, and Kirtland tops. BLM picks top of Chacra at 3394 ft.
  - b) Set Plug #5b (2374-2060) ft. inside to cover the Ojo Alamo top. BLM picks top of Ojo Alamo at 2110 ft.
  - c) Set plug #6 (850-750) ft. inside/outside to cover the Nacimiento top. BLM picks top of Nacimiento at 800 ft.

Operator must run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: [tsalyers@blm.gov](mailto:tsalyers@blm.gov) [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto:Brandon.Powell@state.nm.us)

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.