

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

**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)

1850' FNL X 1730' FEL  
"G" Sec. 20-T23N-R4W

5. Lease Serial No.

Jicarilla Contract 45

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 #72

9. API Well No.

30-043-20769

10. Field and Pool, or Exploratory Area

S. Lindrith Gallup Dakota

11. County or Parish, State

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

RCVD AUG 12 '10  
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

July 29, 2010

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 10 2010

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)

MMOCD

## **Plugging Program for Martin Whittaker #72:**

**NOTE: Tools will not go below 1112', due to tight spot or dogleg.**

Plug 1: TIH to 3925' with workover string with muleshoe on bottom. Pump 212 sx or sufficient volume to bring top of cement to 3925', to cover perforations, top of Tocito, top of fish, and top of Mesaverde. PU and reverse circulate with 2 tubing volumes of water. WOC. Tag top of cement, and if necessary pump additional volume until top of cement stays at 3925'.

Plug 2: Spot 11 sx balanced plug from 33<sup>37</sup>~~85~~-32<sup>37</sup>~~85~~' to cover 100' across top of Chacra (per NMOCD). PU and reverse circulate with 2 tubing volumes of water.

Plug 3: Spot 41 sx balanced plug from 2582-2085' to cover top of Pictured Cliffs, Kirtland-Fruitland, and Ojo Alamo. PU and reverse circulate with 2 tubing volumes of water. TOOH.

Plug 4: TIH with 4-1/2" casing scraper to 1000'. TOOH. Perf 4 squeeze holes at ~~893~~ 960'. Set 4-1/2" retainer at 9<sup>5</sup>~~10~~'. Squeeze below retainer with 43 sx. Sting out of retainer and spot ~~4~~ sx on top of retainer to cover 100' across top of Nacimiento. PU and reverse circulate with 2 tubing volumes of water. TOOH.

Plug 5: TIH with 4-1/2" casing scraper to 330'. TOOH. Perf 4 squeeze holes at 310'. Tie on to 4-1/2" casing. Establish rate through perforations. Pump 51 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:** Martin Whitaker #72

**Footage:** 1850' FNL and 1730' FEL

**Location:** Section 20, T23N, R4W

**County:** Sandoval County, NM

**API#:** 30-043-20769

**Field:** South Lindrith Gallup-Dakota

**Elevation:** 7017' GR

**TD:** 6785' KB

**PBTD:** 6744' KB

**Completed:** 1/16/86

### Casing Record:

Hole Size	Casing Size	Wt.	Grade	Depth Set	Cement
12-1/4"	9-5/8"	32#	J-55	260'	247 ft <sup>3</sup> (Circ.)
7-7/8"	4-1/2"	11.6#	K-55	6785'	Stg 1: 634 ft <sup>3</sup> ; Stg 2: 1203 ft <sup>3</sup> (DV@4672') <sup>(1)</sup>

<sup>(1)</sup> 1<sup>st</sup> stage TOC at 4836' (calc.). 2<sup>nd</sup> stage TOC at 1085' (TS)

**Tubing Record:** Top of 2-3/8" fish at 4411'. Bottom of fish at 6601'. Severe tight spot or dogleg at 1112'. Tried to fish in 2007, but couldn't get past 1112' with overshot. Can't get below 1112' with any tools.

### Formation Tops:

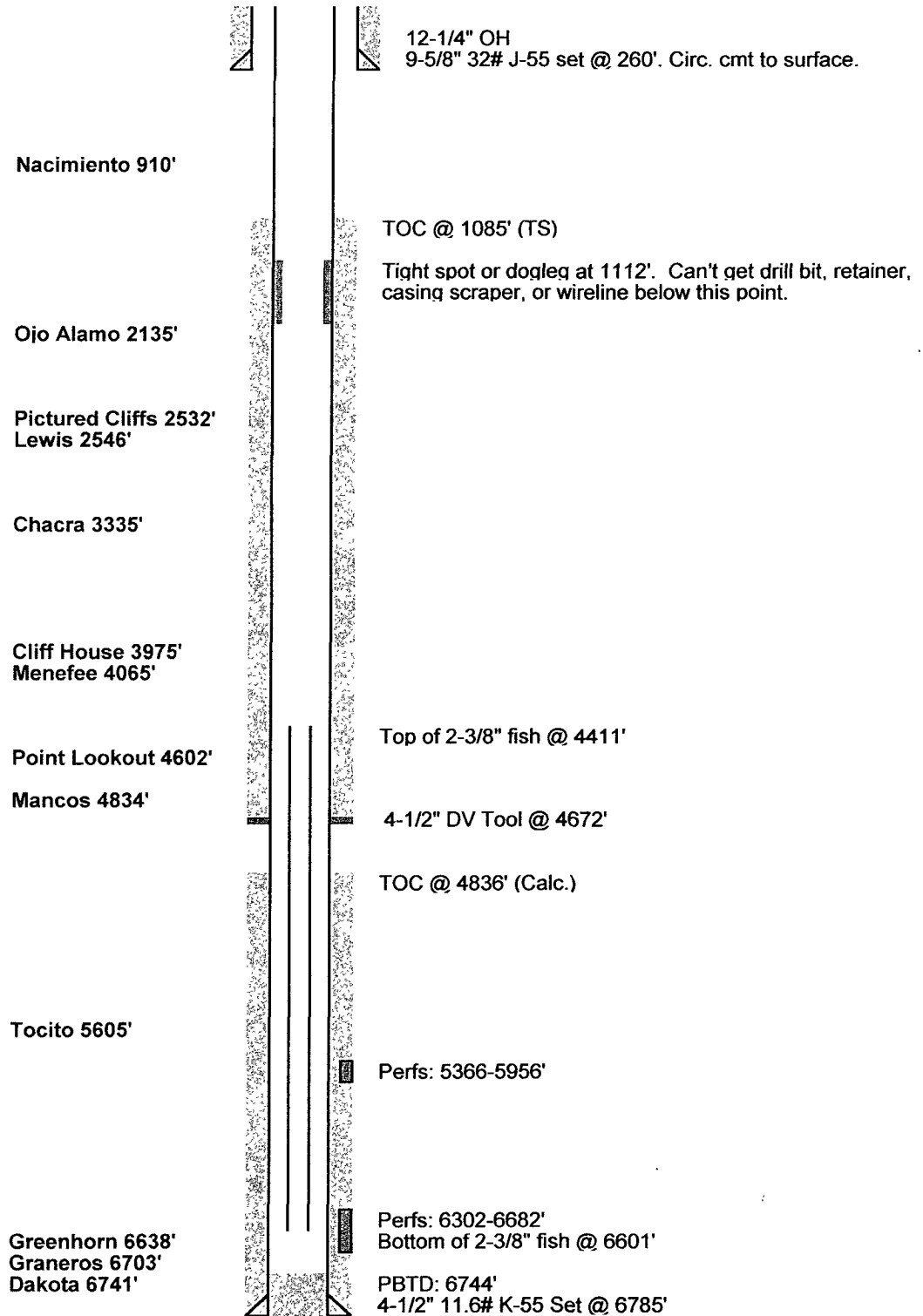
Nacimiento 910'  
Ojo Alamo 2135'  
Pictured Cliffs 2532'  
Lewis 2546'  
Chacra 3335'  
Cliff House 3975'  
Menefee 4065'  
Point Lookout 4602'  
Mancos 4834'  
Tocito 5605'  
Greenhorn 6638'  
Graneros 6703'  
Dakota 6741'

**Perforation Record:** Tocito Perfs: 5366-5956'

Greenhorn Perfs: 6302-6682'

Wellbore Diagram  
 Martin-Whitaker #72  
 NE/4 Sec. 20, T23N, R4W  
 Sandoval County, NM  
 API #30-043-20769

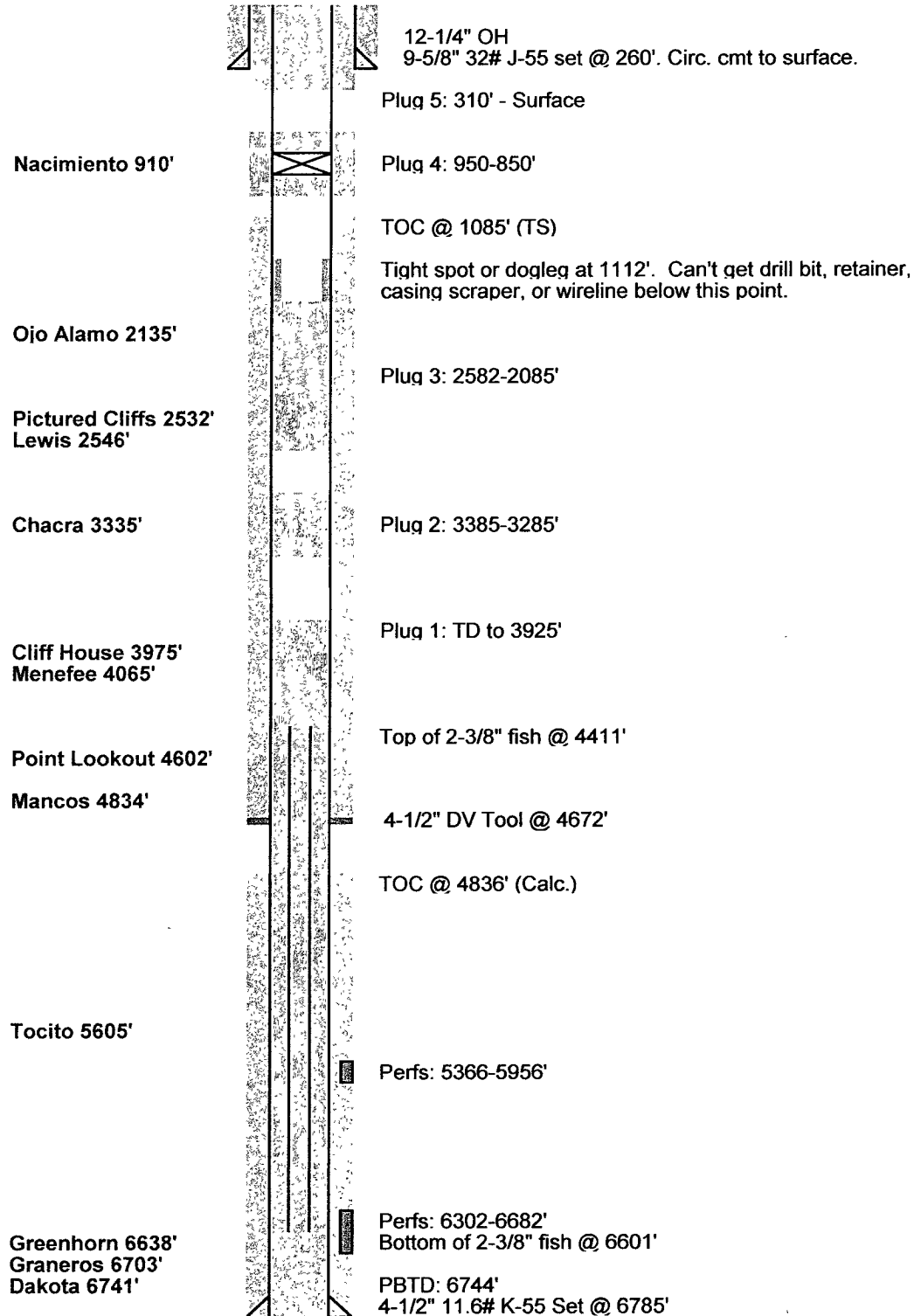
Before



MW72WBD  
 7/29/2010

Wellbore Diagram  
 Martin-Whitaker #72  
 NE/4 Sec. 20, T23N, R4W  
 Sandoval County, NM  
 API #30-043-20769

After



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 72 Martin Whittaker

**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) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place the Chacra plug from 3337' – 3237'.
  - b) Place the Nacimiento plug from 893' – 793' 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.