

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.
Contract #398
6. If Indian, Allottee or Tribe Name
Jicarilla Apache
7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

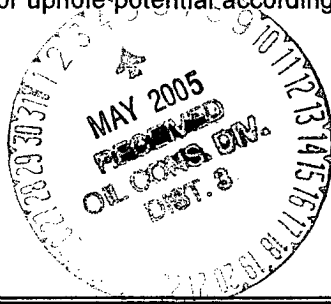
1. ☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
Elm Ridge Resources, Inc.
3a. Address
PO Box 156 Bloomfield, NM 87413
3b. Phone No. (include area code)
505-632-3476 x 201
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**O- Sec. 16-T23N-R4W
990 FSL X 1650 FEL**
8. Well Name and No.
Martin Whittaker #34
9. API Well No.
30-039-23440
10. Field and Pool, or Exploratory Area
S. Lindrith Gallup Dkta 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"/> 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 checked="" 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.)

This well failed its mechanical integrity test on 4-1-05. Elm Ridge Resources, Inc. requests approval to plug and abandon the Gallup interval, and evaluate for uphole potential 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 *Amy Mackey* Date **April 27, 2005**

THIS SPACE FOR FEDERAL OR STATE USE
Approved by **Original Signed: Stephen Mason** Title Date **MAY 04 2005**

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)

REMOVED

2005 APR 28 PM 4 50
RECEIVED
FARMINGTON NM

Elm Ridge Resources

Pertinent Data Sheet

Well Name: Martin Whittaker #34
Footage: 990' FSL and 1650' FEL
Location: Section 16, T23N, R4W
County: Rio Arriba County, NM
API#: 30-039-23440

Field: South Lindrith Gallup-Dakota Ext. **Elevation:** 7089' GL **TD:** 7150' KB
PBTD: 7148' KB

Completed: 11/2/84

Casing Record:

| Hole Size | Casing Size | Wt. | Grade | Depth Set | Cement |
|--|-------------|-----|-------|-----------|--|
| 12-1/4" | 9-5/8" | 32# | J-55 | 242' | 207 ft ³ (Circulated to surface.) |
| 7-7/8" | 5-1/2" | 17# | J-55 | 7148' | Stg 1: 518 ft ³ Stg 2: 1033 ft ³ (DV@5015') ⁽¹⁾ |
| ⁽¹⁾ 1 st Stage: TOC: 4906' (Calc.). 2 nd Stage: TOC 1250' (TS). | | | | | |

Formation Tops:

| | | | |
|--------------------|-------|---------------|-------|
| Nacimiento | 865' | | |
| Ojo Alamo | 2200' | Menefee | 4184' |
| Kirtland-Fruitland | 2323' | Point Lookout | 4761' |
| Fruitland Coal | 2496' | Mancos | 4931' |
| Pictured Cliffs | 2613' | Gallup | 5667' |
| Chacra (NMOCD) | 3044' | Dakota | 6817' |
| Chacra (BLM) | 3415' | | |
| Cliff House | 4098' | | |

NOTE: No electric logs were run on this well. Tops were taken from the Martin Whittaker #33 (Sec 16-T23N-R4W, 7024' GL), adjusted for elevation.

Perforation Intervals: Gallup: 5842-6598'

GP-DK plug, casing repair, and uphole tests for Martin-Whittaker #34:

- 1: Plug 1: Spot 17 sack balanced plug from 6867-6767, to cover top of Dakota formation.
- 2: Set 5-1/2" retainer at 5762'. Pump below retainer with 110 sacks to cover perms. Spot 22 sacks on top of retainer, to bring top of cement to 5617', to cover top of Gallup.
- 3: Run CBL and cased hole formation evaluation logs. Evaluate wellbore for uphole potential. If uphole potential exists, isolate casing failure with packer and bridge plug. Squeeze cement failed zone. Drill out and pressure test casing. Repeat squeeze if necessary.
- 4: Perforate and test uphole formations, as warranted by log results.
- 5: If no uphole potential exists, submit sundry for plugging and abandonment.

Wellbore Diagram
 Martin Whittaker #34
 SE/4 Sec. 16, T23N, R4W
 Rio Arriba County Co., NM
 API #30-039-23440

