

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter 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  
**Richardson Operating Company**

3a. Address  
**3100 La Plata Highway, Farmington, NM, 87401**

3b. Phone No. (include area code)  
**505-564-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**880' FNL & 1450' FEL, Sec. 13, T28N, R8W**

5. Lease Serial No.  
**SF-078390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA/Agreement, Name and/or No.  
**2001 DEC 28 AM 9 15**

8. Well Name and No.  
**Federal 13-13#1**

9. APL Well No.  
**FARMINGTON NM 30-045-28053**

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

11. County or Parish, State  
**San Juan County, New Mexico**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 Operation (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.)

**Casing leak repair procedure.**

MIRU, install BOP, locate casing hole between 436' - 451'. Dump sand on RBP.

Rig up cementers and sqz with 175sx Class B with 2% CaCl<sub>2</sub>, 15.6ppg; 1.18 yield, 36.8bbbls.

Pump cmt, displace with water, WOC 15min. Displace with water, WOC 15min. Displace with water, WOC 15min.

Pump water displacement. Shut-in with 1,000psi. Circ 4bbl cmt to surface.

Pick up DCs and tbg. Tag cmt at 372'. Drill out cmt to 415'. Continue drill out to 444'. Clean sand off RBP.

TOH with tbg and DCs. Pressure test csg for 30min - held OK.

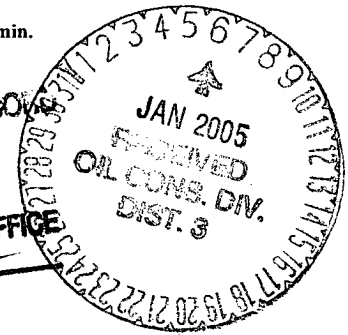
TIH with production tbg and 89 jts tbg. Cleand out well with Nitrogen. Latch onto RBP and TOH.

TIH with 95 jts 2-3/8" tbg. Clean out. Land tbg.

ND BOP, NU well head.

Return to production.

ACCEPTED FOR RECORD  
JAN 04 2005  
FARMINGTON FIELD OFFICE



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Charles H. Williams**

Title **Engineering Operations Manager**

Signature

*Charles H. Williams*

Date

**12/13/2004**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 page 2)

NRMOCD