

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)  
**1455' FSL & 1605' FEL Sec. 24 T28N - R8W**

5. Lease Serial No.  
**NMNM-013860A**  
6. If Indian, Allottee or Tribe Name  
**NA**  
7. If Unit or CA/Agreement, Name and/or No.  
**NA**  
8. Well Name and No.  
**Federal 31-24 #3**  
9. API Well No.  
**30-045-31988**  
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 type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Production casing &amp; TD</b>
	<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.)

9/13/04 NU BOP, test BOP and surface casing to 600psi, held OK. Drill 318' of new 6 1/4" hole to 627'. Secure rig, SDFN.  
9/14/04 Drilling, lost returns. Wait on water. Wireline survey @ 777' = 1/4 degree. Mix mud, add 50sx gel, 3sx starch, 8sx paper. Pump pill, circulating w/100% returns. Wireline survey @ 1273' = 1/2 degree. Drill 792' of 6 1/4" hole from 637' to 1419'. Secure rig, SDFN.  
9/15/04 Drill 731' of 6 1/4" hole to 2150'. Wireline survey @ 1732' = 3/4 degree. Secure rig, SDFN.  
9/17/04 Drill 797' of 6 1/4" hole to 2947'. TD well. Wireline survey @ 2748' = 1 degree. Circulate well clean. Rig up casing crew.  
Run 2896' of 4 1/2" 11.6# J-55 production casing. Land casing at 2895' +1' GL. Secure rig, SDFN.  
Cement production casing with 225sx Class B cement with 3% Sodium Metasilicate, 3#/sk Gilsonite, 1/4#/sk Celloflake, 11.50ppg, 2.83 yield, as lead. Tail in with 100sx Class B cement with 3#/sk Gilsonite, 1/4#/sk Celloflake, 15.60ppg, 1.18 yield. Circulate 28 bbl to surface. Bump plug at 9:00am with 1000psi, shut in, WOC.

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

**10/01/2004**

**ACCEPTED FOR RECORD**

**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

Office

Date

**FARMINGTON FIELD OFFICE**  
**BY *JB***

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)

**NWOCOD**