

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**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.**5. Lease Serial No.  
NMNM97843

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
WF FEDERAL 28 12. Name of Operator  
RICHARDSON OPERATING COContact: DREW CARNES  
E-Mail: dcarnes@digii.net9. API Well No.  
30-045-29880-00-C13a. Address  
3100 LA PLATA HWY  
FARMINGTON, NM 874013b. Phone No. (include area code)  
Ph: 505.564.3100  
Fx: 505.564.310910. Field and Pool, or Exploratory  
BASIN FRUITLAND COAL  
TWIN MOUNDS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 28 T30N R14W NENE 985FNL 855FEL

11. County or Parish, and State

SAN JUAN COUNTY, NM

**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 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	

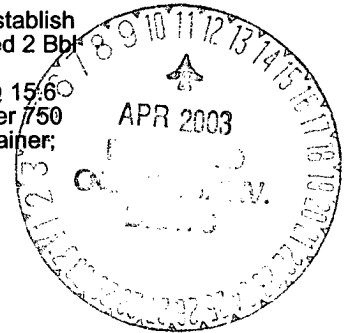
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 recompleation 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.)

4-1-03 Set retainer @ 1121' to plug PC. Test to 500 psi. Pumped fresh water at 3 bpm to establish rate. Mix and pump 60 sx Class B, 15.6 ppg; 45 sx on formation. Wait 5 minutes and pumped 2 Bbl water; formation locked up. 55 sx total cement on formation.

Set retainer @ 1051'. Could not establish rate. Stung out of retainer. Mixed 25 sx Class B @ 15.6 ppg down tubing, stung into retainer and pumped 3/4 Bbl into formation, pressured up to over 750 psi. 4 sx cement on formation. Stung out of retainer and pumped 30 sx cement on top of retainer; cement top at 660'.

TOH to 435', mixed and pumped 40 sx Class B @ 15.6 ppg to surface. TOOH.

4-2-03 Filled casing to surface with 5 sx Class B @ 15.6 ppg.



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

Electronic Submission #20421 verified by the BLM Well Information System  
For RICHARDSON OPERATING CO, sent to the Farmington  
Committed to AFMSS for processing by Steve Mason on 04/10/2003 (03SXM0648SE)

Name (Printed/Typed) DREW CARNES

Title MANAGER

Signature (Electronic Submission)

Date 04/09/2003

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

Approved By

**ACCEPTED**STEPHEN MASON  
Title PETROLEUM ENGINEER

Date 04/10/2003

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 Farmington

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*****NMOCD**