

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 to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
NMNM19163

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 ☐ Other

8. Well Name and No.
WF FEDERAL 19 4

2. Name of Operator
RICHARDSON OPERATING CO

Contact: DREW CARNES
E-Mail: dcarnes@digii.net

9. API Well No.
30-045-31063-00-X1

3a. Address
3100 LA PLATA HWY
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 505.564.3100
Fx: 505.564.3109

10. Field and Pool, or Exploratory
HARPER HILL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T30N R14W SESE 1200FSL 1200FEL

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 checked="" type="checkbox"/> Other Drilling Operations
	<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.)

4-5-03 Spud 8 3/4" surface hole. Drill to 140'. Ran 4 jts. 7" 17# casing; set at 138' KB. Cemented with 65 sx (77 cf) Class B w/ 2% CaCl₂, 1/4#/sk celloflake; 15.6 ppg slurry. Circ 4 Bbl cement to pit. SDFN, WOC 36 hours.

4-7-03 Install and test BOP to 600 psi, test good. Test surface casing to 600 psi for 30 min.; test good. Drill 6 1/4" hole 710'. SDFN.

4-8-03 Drill 6 1/4" hole to 1205'; TD. Ran 28 joints 4 1/2" K-55 10.5# casing; set at 1203.05' KB. Cemented with 47 sx (97 cf) Class B w/ 2% metasilicate, 1/4 #/sk celloflake, 12.6 ppg lead and 58 sx (68 cf) Class B w 1/4 #/sk celloflake, 15.6 ppg tail. Bumped plug to 700 psi, plug held.

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

**Electronic Submission #20431 verified by the BLM Well Information System
For RICHARDSON OPERATING CO, sent to the Farmington
Committed to AFMSS for processing by Steve Mason on 04/17/2003 (03SXM0677SE)**

Name (Printed/Typed) DREW CARNES

Title MANAGER

Signature (Electronic Submission)

Date 04/16/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

<p>Approved By ACCEPTED</p>		<p>STEPHEN MASON Title PETROLEUM ENGINEER</p>	<p>Date 04/17/2003</p>
<p>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.</p>		<p>Office Farmington</p>	

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 ** REVISED ****

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