

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

**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.**

RECEIVED

**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)

2290' FNL & 1825' FEL

Sec. 20 T29N, R14W

5. Lease Serial No.

14-20-603-2200A

6. If Indian, Allottee or Tribe Name

Navajo

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

8. Well Name and No.

NW Cha Cha #20

9. API Well No.

30-045-25808

10. Field and Pool, or Exploratory Area

Cha-Cha Gallup

11. County or Parish, State

San Juan, 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 checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. 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.)

8/28/03 Free Tbg and TOH with 151 jts. RIH with 3 7/8 bit and scraper to 4623'. TOH. RIH and set CIBP @ 4588'. Pressure test casing, leak at surface. SDFN.

8/29/03 Set packer 1 joint down to PT casing. Pressure dropped 250 psi in 3 min. Note: all cement is Class 'B' mixed at 15.6 ppg, Yield = 1.18 ppg. Mix and pump balanced plug from 4588'-4200'. WOC.

9/02/03 RIH, tag TOC @ 4176'. Set packer 1 jt. below surf., PT to 1000 psi. Dropped 250 psi in 3 minutes. Spot balanced plug over Mesa Verde from 2258' to 1950' with 24 sacks cement. TOH, WOC.

9/03/03 RIH, tag TOC @ 1958'. Set packer 1 jt. below surf., PT to 1000 psi. 10 min. test good (witnessed by BLM representative). RIH and spot balanced plug over Lewis from 1082'-928' with 12 sacks cement. WOC. Tag TOC @ 903'. Install WH and hang 1 joint in Larkin head.

Well is temporarily abandoned 9/03/03 waiting on ROW. Will be completed in Pictured Cliffs and Fruitland Coal when ROW is approved.

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

Name (Printed/Typed)

Drew Carnes

Title Operations Manager

Signature

Date 9/12/03

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

Approved by (Signature)

Name  
(Printed/Typed)

Title

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

Date

FILED FOR RECORD

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.

SEP 16 2003

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NMOCD

ADMINISTRATIVE OFFICE