

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.

5. Lease Serial No.
14-20-603-2199

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA/Agreement, Name and/or No.
51

8. Well Name and No.
NW Cha Cha #17

9. API Well No.
30-045-08141

10. Field and Pool, or Exploratory Area
Cha Cha Gallup

11. County or Parish, State
San Juan, NM

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)
1650' FNL & 990' FEL
Sec. 21 T29N, R14W

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	

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.)

8/19/03 Tubing stuck, work tubing free. Pull rods. TOH 60 jts. tbg, SDFN
8/20/03 TOH 154 jts tbg. Left 24' tbg @ 4814'. RIH with scaper to 3670'. Pull 4 jts SD for rig repair.
8/22/03 Scrape to 4706'.
8/23/03 Scrape to 4808'. Est. Injection rate into Gallup, (1.5 bbl @ 1500 psi). Set CICR at 4671' KB. All cement will be Class 'B' 15.6 ppg, Yield = 1.18 cf/sack. Cement Gallup with 11 sacks outside casing, 12 sacks under retainer. Sting out and dump 40 sacks on CICR. TOC @ 4335' +/- WOC.
8/25/03 RIH, Tag cement @ 4513'. Mix and pump 25 sack balanced plug. WOC. Tag TOC @ 4325'. Shoot squeeze holes @ 2345'. Set CICR @ 2325'. Est 2 bbl/min rate @ 250 psi. Cement Mesa Verde with 51 sacks outside casing and 40 sack inside casing. Sting out and pump 38 sacks cement on top of CICR. TOC estimated at 2000'.
8/26/03 RIH, Tag cement @ 1949'. Shoot squeeze holes @ 737'. Set CICR @ 727'. Est 2 bbl/min @ 250 psi. Cement from Pictured Cliffs to surface with 200 sacks cement outside casing. Sting out. Spot balanced plug from 726 to surface with 85 sacks cement. TOH. Top off casing with cement to surface.

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

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.

COPIES FOR RECORD

SEP 15 2003

(Continued on next page)

NMOC

FARMINGTON FIELD OFFICE