

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B 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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Lease Serial No. NMSF-14-20-603-2199
2. Name of Operator Richardson Operating		6. If Indian, Allottee or Tribe Name Navajo
3a. Address 3100 LaPlata Highway, Farmington, NM 87401	3b. Phone No. (include area code) 505-564-3100	7. If Unit or CA/Agreement, Name and/or No. NW Cha Cha Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22, T29N-R14W, 480' FSL 1980' FEL		8. Well Name and No. NW Cha Cha #30
		9. API Well No. 30-045-13104
		10. Field and Pool, or Exploratory Area Cha Cha Gallup
		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 checked="" 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 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 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.)

Please see Plug & Abandon Procedure attached.



RECEIVED
SEP 15 AM 10 24
070 FARMINGTON NM

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Tom Bergin		Title Operations manager
Signature <i>[Signature]</i>		Date 09/14/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date SEP 15 2004
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	

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)

NMOC

PLUG & ABANDONMENT PROCEDURE

Richardson Operating Company

NW Cha Cha #30

SE Section 22, T29N-R14W

San Juan County, New Mexico

Intend to Plug & Abandon as follows:

1. Install and/or test rig anchors. Prepare blow tank. Comply with all BLM and Richardson Operating Company safety rules and regulations.
2. MOL and RUSU. Check tbg, csg and bradenhead for pressures. Blow well down, kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Set CIBP @ 5186' (records show tight spot @ 5187')
4. Spot cmt plug 5186'-4875' (Gallup top 4925'). WOC - tag cmt.
5. Shoot squeeze hole 2835' (Cliffhouse 2785').
6. Set retainer @ 2785'.
7. Pump 20 sx Neat below retainer, 9 sx Neat above. WOC - tag cmt, press test.
8. Shoot squeeze holes @ 2185' (Chacra 2135').
9. Set retainer 2135'.
10. Pump 20 sx Neat below retainer, 9 sx Neat above. WOC - tag cmt, press test.
11. Shoot squeeze holes 1210' (PC 1160').
12. Set retainer 1160'.
13. Pump 20 sx Neat below retainer, 9 sx Neat above. WOC - tag cmt, press test.
14. Shoot squeeze holes 920' (FC 870').
15. Set retainer 870'.
16. Pump 20 sx Neat below retainer, 9 sx Neat above. WOC - tag cmt, press test.
17. Shoot squeeze hole 252' (surface shoe 202') (8-5/8" surf pipe cmt job, circ 15 sx to surf).
18. Pump Neat cmt sufficient to circ to surface through bradenhead.
19. ND BOP and cut off wellhead below surface casing flange and install P&A marker with cement to BLM specifications. RD and MOL. Cut off anchors.
20. Restore location per BLM rules, guide lines and stipulations.
21. Arrange for BLM inspection of well and restored location.
22. File Subsequent Report of Plug & Abandonment within 30 days after completing required restoration works.