

Submit 3 Copies to appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd. Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.	30-045-30394
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. (Federal SF-079968)	
7. Lease Name or Unit Agreement Name ROPCO 4	
8. Well No. #3	
9. Pool name or Wildcat Basin FC/Twin Mounds FR Sand-PC	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5435' GR	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Richardson Operating Company	
3. Address of Operator 1700 Lincoln Street, Suite 1700 Denver, CO 80203	
4. Well Location Unit Letter <u>L</u> : <u>1830</u> feet from the <u>South</u> line and <u>1060</u> feet from the <u>West</u> line Section <u>4</u> Township <u>29N</u> Range <u>14W</u> NMPM San Juan County	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5435' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pursuant to Order R-11224, Richardson Operating Company seeks permission to downhole commingle the Basin Fruitland Coal (71629) and Twin Mounds Fruitland Sand - Pictured Cliffs (86620) pools.

The Basin Fruitland Coal formation is estimated to be perforated at 756'-784' and the Twin Mounds Fruitland Sand-Pictured Cliffs formation is estimated to be perforated at 790'-800'.

Refer to the attached Technical Write-up for the allocation method and supporting data.

The downhole commingling will not reduce the value of the total remaining production of this well.

The ownership between the two pools is identical.

Richardson Operating Company has sent a like Sundry Notice to the BLM (Form 3160-5) setting out our intention to downhole commingle this well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cathleen Colby TITLE Land Manager DATE 5/23/01

Type or print name Cathleen Colby Telephone No. 303-830-8000

(This space for State use)

APPROVED BY Original Signed by STEVEN H. HAYDEN TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 83 DATE MAY 25 2001

Conditions of approval, if any:

ADR 414 A2

RICHARDSON OPERATING COMPANY
ROPCO #4-3
COMMINGLING APPLICATION

The ROPCO 4-3 is a newly drilled Basin Fruitland Coal/Twin Mounds Fruitland Sand - Pictured Cliffs well. This is part of Richardson's development program in their WF (West Farmington) field. This is the only Pictured Cliffs and Fruitland Coal well in this section.

Two Pictured Cliffs wells have been drilled in Section 4, but neither have production history. The ROPCO 4-1 well (Unit A, Section 4, T29N-R14W) has been completed in the Pictured Cliffs and is currently shut-in, waiting on pumping unit. The ROPCO 4-4 well (Unit C, Section 4, T29N, R14W) has been completed in the Pictured Cliffs and is currently shut-in, waiting on pipeline.

Based upon recent Richardson Operating Company wells in this township, it is anticipated that both zones will have similar bottom hole pressures of approximately 200 psi. Both zones produce some water and no liquid hydrocarbons. Neither zone is fluid sensitive and fluids from the two zones are compatible.

Since neither zone has enough data to prepare a reliable production forecast, or predict the ultimate reserves, Richardson Operating proposes to allocate the production based on the initial production rates from the Pictured Cliffs formation. The well will be perforated and stimulated in the Pictured Cliffs formation. The stimulation will then be cleaned up and the well flow tested. The production based on the flow test will establish the Pictured Cliffs base rate. The Fruitland Coal formation will be completed separately but it will be produced with the Pictured Cliffs. The Fruitland Coal production will be the total measured production minus the Pictured Cliffs production.

Assuming a 7% decline rate from the Pictured Cliffs, the proposed allocation formula is as follows:

Pictured Cliffs Production = Pictured Cliffs base rate $\times e^{(-Dt)}$, where $D = 7\%/yr$ and t = time in years since first production.

Fruitland Coal Production = Total Production – Pictured Cliffs production.

State of New Mexico
Energy, Minerals & Mining Resources Department

Form C - 102

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number	Pool Code	Pool Name
	71629 & 86620	FRUIT. COAL & TWIN MOUNDS PC
Property Code	Property Name	Well Number
	ROPCO	4 - 3
OGRD No.	Operator Name	Elevation
019219	RICHARDSON OPERATING COMPANY	5435'

Surface Location

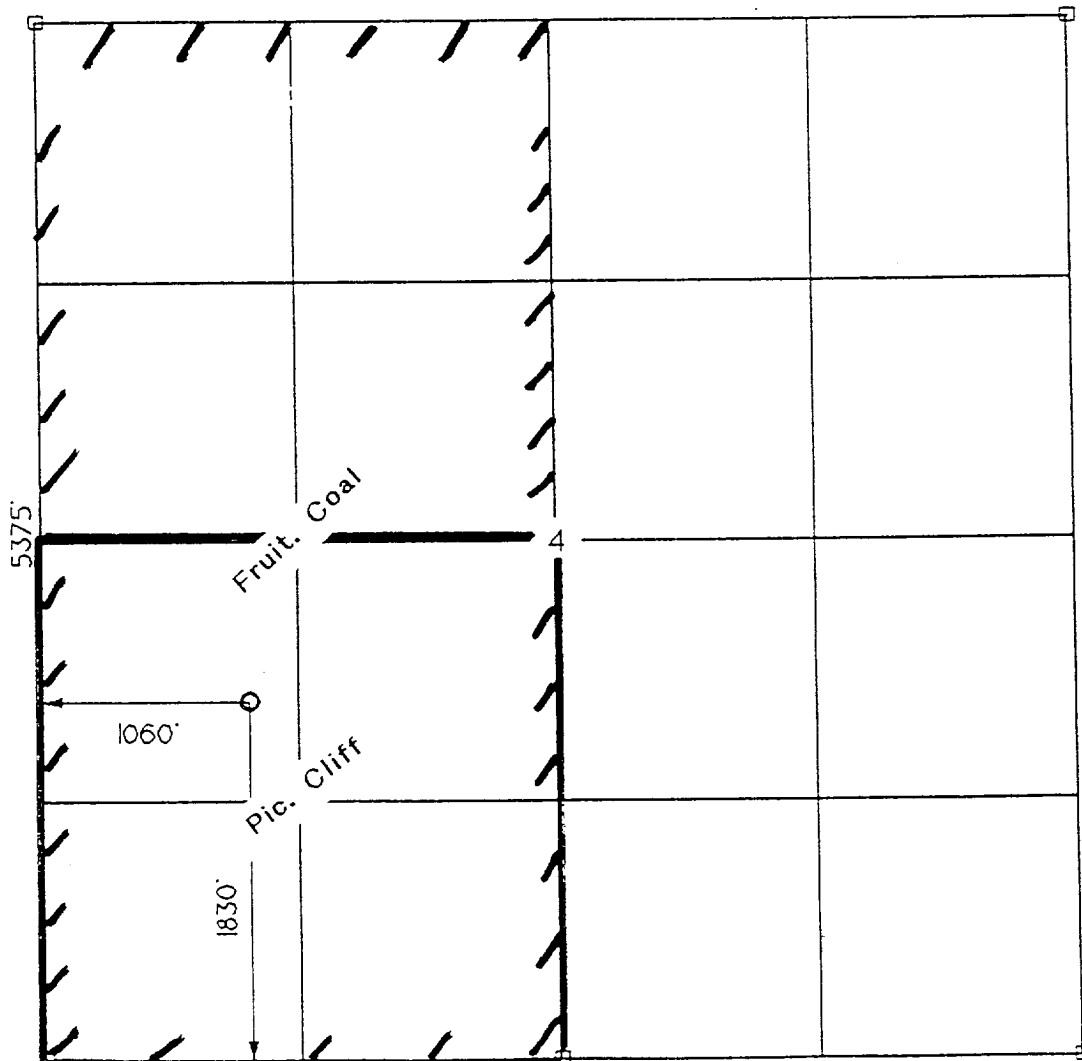
UL or Lot	Sec.	Twp.	Rge.	Lot Ldn.	Feet from	North/South	Feet from	East/West	County
L	4	29 N.	14 W.		1830	SOUTH	1060	WEST	SAN JUAN

Bottom Hole Location if Different From Surface

UL or Lot	Sec.	Twp.	Rge.	Lot Ldn.	Feet from	North/South	Feet from	East/West	County

Dedication	Joint ?	Consolidation	Order No.

NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Brian Wood

Printed Name

BRIAN WOOD

Title

CONSULTANT

Date

OCT. 8, 2000

SURVEYOR CERTIFICATION

I hereby certify that the well location on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature

Professional Surveyor

6844

James H. Heston
REGISTERED LAND SURVEYOR