

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 20071a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_2. Name of Operator **Richardson Operating Company**3. Address **3100 La Plata Highway, Farmington, NM 87401**3a. Phone No. (include area code)  
**505-564-3100**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **2210' FSL & 1530' FWL Section 29 T29N-R13W**

At top prod. interval reported below

At total depth **1338'**14. Date Spudded  
**05/05/2004**15. Date T.D. Reached  
**05/07/2004**16. Date Completed **06/02/2004**  
☐ D & A ☒ Ready to Prod.5. Lease Serial No.  
**NMSF - 079065**6. If Indian, Allottee or Tribe Name  
**NA**Unit or CA Agreement Name and No.  
**31057**8. Lease Name and Well No.  
**FRPC 29 #3**9. AFI Well No.  
**30-045-31327**10. Field and Pool, or Exploratory  
**Basin Fruitland Coal**11. Sec., T., R., M., on Block and  
Survey or Area **Sec 29 T29N-R13W**12. County or Parish **San Juan** 13. State  
**NM**17. Elevations (DF, RKB, RT, GL)\*  
**5515' GL**18. Total Depth: MD **1338'**  
TVD19. Plug Back T.D.: MD **1338'**  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

**Gamma Ray Neutron**22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4"	7" STC	20#/ft	surf	124'		50sx Class B	10bbls	surface	4bbls
6 1/4"	4.5" J-55	10.5#/ft	surf	1338'		100sx Class B	37bbls		
						80sx Class B	17bbls	surface	12bbls

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	1175'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>Basin Fruitland Coal</b>	<b>1076'</b>	<b>1135'</b>	<b>1076' - 1084' 1spf</b>	<b>0.38"</b>	<b>8</b>	<b>open</b>
B)			<b>1125' - 1128'</b>	<b>0.38"</b>	<b>3</b>	<b>open</b>
C)			<b>1132' - 1135'</b>	<b>0.38"</b>	<b>2</b>	<b>open</b>
D)			<b>1152' - 1160' 1spf</b>	<b>0.38"</b>	<b>8</b>	<b>open</b>

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
	<b>Pmp 1000 gals 15% HCL as spearhead. Frac with: 11,340 gals gelled fluid (GF) pad, 3,181 gals GF with 3,181#'s 20/40 sd: pressured out. Pmp 6,132 gals GF pad, pmp 1,396 gals GF with 349#'s 20/40 sd. pmp 2,380 gals GF with 2,380#'s 20/40 sd.</b>

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						SI - WOPL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						SI: waiting on production equipment

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

JUN 15 2004

FARMINGTON FIELD OFFICE  
BY *JS*

MOC

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Basin Fruitland Coal	1076'	1160'			

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
☐ Core Analysis   
☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print)

Jo Becksted

Title

Compliance Adm.

Signature

Jo Becksted

Date

06/09/2004

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.