

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMM-191631a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv. 11: 2003 SEP -5 AM 11: 070 Farmington, NM

Other

2. Name of Operator

Richardson Operating Company

3. Address

3100 La Plata Highway Farmington, NM 87401

3a. Phone No. (include area code)
505-564-5100

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

At surface 1454' FSL & 1755' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

04/05/03

15. Date T.D. Reached

04/08/03

16. Date Completed

☐ D&A ☒ Ready to Prod.

8/27/03

6. If Indian, Allottee or Tribe Name

NA

7. Unit or CA Agreement Name and No.

N/A

8. Lease Name and Well No.

WF Federal 19 #4

9. API Well No.

30-045-31063

10. Field and Pool, or Exploratory

Basin Fruitland Coal

11. Sec., T., R., M., on Block and Survey
or Area Sec 19, T30N, R14W, NMPM

12. County or Parish

San Juan

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

5552' GL

18. Total Depth: MD 1205'
TVD19. Plug Back T.D.: MD 1165'
TVD20. Depth Bridge Plug Set: MD
TVD

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

CNL/GR

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4	7" J-55	17	Surf	138		65 sx 'B'	14	0	0
6 1/4	4.5" J-55	10.5	Surf	1203		105 'B'	29	0 65'	0

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	1040'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	930'	1031'	930'-1031'	.38"	56	
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
930'-1031'	250 gals 15% HCl, 22980 # Brady sand

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
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
								SI - Waiting for C104	

ACCEPTED FOR RECORD

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	Call Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

FARMINGTON FIELD OFFICE

NMOC

23b. 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.)

Sold

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
Fruitland	390	1034			
Pictured Cliffs	1034	TD			

32. Additional remarks (include plugging procedure):

Well test data will be provided via a sundry notice after well has produced and rates have been established.

33. Circle enclosed attachments:

- ① Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report ④ Directional Survey
 5 Sundry Notice for plugging and cement verification 6 Core Analysis 7 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) Drew Carnes

Title Operations Manager

Signature

Date 9/4/03

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.