

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

5. Lease Serial No.  
14-20-603-2168A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other

b. 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 695' FNL & 1885' FWL

At top prod. interval reported below

At total depth

6. If Indian, Allottee or Tribe Name

Navajo 40

7. Unit or CA Agreement Name and No.

N/A NM

8. Lease Name and Well No.

NV Navajo 27 #2

9. API Well No.

30-045-31040

10. Field and Pool, or Exploratory

W Kutz PC Ext

11. Sec., T., R., M., on Block and Survey or Area

27, T29N, R14W

12. County or Parish

San Juan

13. State

NM

14. Date Spudded

9/18/02

15. Date T.D. Reached

9/20/02

16. Date Completed

☐ D&A ☒ Ready-to-Prod.

10/01/03

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

5670' GL

18. Total Depth: MD 1350'  
TVD

19. Plug Back T.D.: MD 1278'  
TVD

20. 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4"	7"/K-55	20#	Surf	123		60 Class B	13	Surf	0
6 1/4"	4.5"/K-55	10.5#	Surf	1323		128 Class B	37	Surf	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"	1147'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	1121	1131	1121-1131	0.38"	40	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
1121'-1131'	500 gal 15% HCl, 40,000# 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
			→						No Test
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→					Shut-In pending C104	

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	

ACCEPTED FOR RECORD

OCT 14 2003

FARMINGTON FIELD OFFICE

BY

NMOCD

## 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.)

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	903	1121			
Pictured Cliffs	1121	TD			

## 32. Additional remarks (include plugging procedure):

## 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 CarnesTitle Operations ManagerSignature Date 10/02/03

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.