

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

5. Lease Serial No.
NMSF-0799681a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other _____

6. If Indian, Allottee or Tribe Name

N/A

7. Unit or CA Agreement Name and No.

N/A

8. Lease Name and Well No.

Ropco 10 #1

9. API Well No.

30-045-30444

10. Field and Pool, or Exploratory

Harker Hill
10-29N-14W NMPM11. Sec., T., R., M., on Block and Survey
or Area

12. County or Parish

San Juan

13. State

NM

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

5400' GL

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 1272' FNL & 673' FWL

At top prod. interval reported below

At total depth

14. Date Spudded

9/9/02

15. Date T.D. Reached

9/11/02

16. Date Completed

☐ D&A ☒ Ready to Prod.

10-4-02

18. Total Depth: MD 1000'
TVD19. Plug Back T.D.: MD 947'
TVD20. Depth Bridge Plug Set: MD
TVD

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

Compensated Neutron/Gamma Ray

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
3 3/4"	7" K-55	20	Surf.	125'		50 sx 'B'	10.5	Cir	Surf
5 1/4"	4.5" K-55	10.5	Surf.	992'		110 sx 'B'	30.1	Cir	Surf

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"	915'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PC	892'	902'	892'-902'	0.37"	40	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
892'-902'	50,000# 20/40 Arizona XL Gel

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
N/A	N/A	N/A	<input type="checkbox"/>	0	N/A	N/A	N/A	N/A	Prod. will be reported at later date.
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
N/A			<input type="checkbox"/>	0	N/A	N/A	N/A	Shut In	

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
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

OCT 15 2002

FARMINGTON FIELD OFFICE
NMED

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

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

Sold

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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Fruitland Coal	642'	888'			
Pictured Cliffs	888'	Below TD			

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: Stimulation Report

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 10/4/02

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.