

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other: CBM			5. Lease Serial No. NMSF-079968						
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name						
2. Name of Operator RICHARDSON OPERATING COMPANY			7. Unit or CA Agreement Name and No.						
3. Address 1700 LINCOLN, SUITE 1700 DENVER, CO 80203			8. Lease Name and Well No. WF FEDERAL 33-1						
3a. Phone No. (include area code) Ph: 303.830.8000			9. API Well No. 30-045-30442						
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 770FNL 1978FEL At top prod interval reported below NWNE 770FNL 1978FEL At total depth NWNE 770FNL 1978FEL			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL						
14. Date Spudded 06/11/2001			11. Sec., T., R., M., or Block and Survey or Area Sec 33 T30N R14W Mer NMP						
15. Date T.D. Reached 06/14/2001			12. County or Parish SAN JUAN						
16. Date Completed ☐ D & A ☒ Ready to Prod. 09/02/2001			13. State NM						
17. Elevations (DF, KB, RT, GL)* 5530 GL									
18. Total Depth: MD TVD 1220		19. Plug Back T.D.: MD TVD 1173		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON LOG			22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)						
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	Shurry Vol. (BBL)	Cement Top*	Amount Pulled
8.750	7.000 K-55	20.0		132		30			
6.250	4.500 J-55	10.5		1206		20			
						145	5X		
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2.375	1027								
25. Producing Intervals			26. Perforation Record						
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
BASIN FRUITLAND COAL	938	1040	938 TO 944		0.380	6			
B)			976 TO 978		0.380	2			
C)			982 TO 984		0.380	2			
D)			1030 TO 1040		0.380	40			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
844 TO 1040		SAND FRACTURE 82.700 # 20/40 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
12/06/2001	09/24/2001	12	→		50.0	120.0			FLows FROM WELL
Choke Size	Tbg. Press. Fwgs.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
.5	SI	18	→		100	240		PGW	
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. Fwgs.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #9844 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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
Choice Size	Top. Press. Fwgs SI	Cap. 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
Choice Size	Top. Press. Fwgs SI	Cap. 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
BASIN FRUITLAND COAL	936	1040	BASIN FRUITLAND COAL		

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

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):

Electronic Submission #9844 Verified by the BLM Well Information System.
For RICHARDSON OPERATING COMPANY, sent to the Farmington

Name (please print) JOHN WHISLER

Title OPERATIONS

Signature (Electronic Submission)

Date 12/20/2001

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.

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