

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, 2007

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		2004 JUL 16 PM 4 13							
b. Type of Completion: <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resv.,		RECEIVED							
Other _____		070 FARMINGTON NM							
2. Name of Operator Richardson Operating Company		505-564-3106							
3. Address 3100 La Plata Highway, Farmington, NM 87401		3a. Phone No. (include area code)							
4. Location of Well (Report location clearly and in accordance with Federal requirements)		9. AFI Well No. 30-045-31046							
At surface 1455' FSL, 1160' FWL, Sec. 22, T29N, R14W		10. Field and Pool, or Exploratory Basin FC & West Kutz PC							
At top prod. interval reported below		11. Sec., T., R., M., on Block and Survey or Area Sec. 22, T29N, R14W							
At total depth Same as above		12. County or Parish San Juan 13. State NM							
14. Date Spudded 06/16/2004		15. Date T.D. Reached 06/18/2004							
16. Date Completed 07/12/2004		17. Elevations (DF, RKB, RT, GL)* 5625' GL							
<input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.									
18. Total Depth: MD 1278' GL		19. Plug Back T.D.: MD							
TVD		TVD							
20. Depth Bridge Plug Set: MD		TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)							
Compensated Neutron Log		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)							
Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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#	Surface	120'		55 ex Class B	12 bbl	Surface	Circ. 4 bbl
6 1/4"	4.5" J-55	10.5#	Surface	1271'		82 ex Class B	30 bbl		
						75 ex Class B	16 bbl	Surface	Circ. 10 bbl
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"	1144'								
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Basin Fruitland Coal	959'	1080'	959'-970'; 995'	0.38"	3	Open			
B)			1060'-1068'	0.38"	32	Open			
C) West Kutz PC	1080'	TD	1074'-1084'	0.38"	20	Open			
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval				Amount and Type of Material					
959'-1084'				Spearhead in with 1000 gal 15% HCl					
				Frac with 43,142 gal gelled fluid with 96,943# 20/40 Brady/ Super LC sand, all in five stages.					
				Flush with 643 gal					
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
			→						Sundry of test to follow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	SI:WOPL
			→						
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

JUL 23 2004

FARMINGTON FIELD OFFICE
BY *JB*

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
Fruitland Coal Pictured Cliffs	959' 1080'	1080' TD			

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 BeckstedTitle Compliance Administrator

Signature

Date 07/16/2004

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.