

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		5. Lease Serial No. 14-20-603-2172							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv.		6. If Indian, Allottee or Tribe Name Navajo							
2. Name of Operator Richardson Operating Company		7. Unit or CA Agreement Name and No. NA							
3. Address 3100 La Plata Highway, Farmington, NM 87401		8. Lease Name and Well No. Navajo 25 #1							
3a. Phone No. (include area code) 505-564-3100		9. AFI Well No. 30-045-30041							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1740' FSL & 1320' FWL Sec. 25 T29N - R14W At top prod. interval reported below At total depth Same as above		10. Field and Pool, or Exploratory West Kutz PC & Basin FC Sec. T., R., M., on Block and Survey or Area Sec. 25, T29N, R14W							
14. Date Spudded 09/22/2001		15. Date T.D. Reached 09/25/2001							
16. Date Completed 06/17/2004 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 5880' GL							
18. Total Depth: MD 1640' GL TVD		19. Plug Back T.D.: MD 1573' GL TVD							
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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4"	7" K-55	20#	-1ft GL	135'		30 sx Class B	6 bbl	Surface	Circ. 3 bbl
6 1/4"	4.5" K-55	9.5#	+1ft GL	1618'		80 sx Class B	29 bbl		
						10 sx Class B	2 bbl	Surface	Circ. 3 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"	1515'								
25. Producing Intervals									
Formation		Top	Bottom	Perforation Interval		Size	No. Holes	Perf. Status	
A) Basin Fruitland Coal		1304'	1444'	1326'; 1364'; 1374'		0.38"	3	Open	
B)				1422'-1430'; 1439'; 1442'		0.38"	34	Open	
C) West Kutz PC		1444'	TD	1448'-1462'		0.38"	56	Open	
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
1326'-1462'		Spearhead with 250 gal 15% HCL. Frac with 18335 gal gelled fluid, with 33188# of 20/40 Brady sand, in 3 stages. Flush with 2016 gal Aqua Safe L20 with 50 BIO balls. Pump 250 gal 15% HCL Frac with 28954 gal gelled fluid, with 80413# of 20/40 Brady sand, in 5 stages. Flush with 911 gal Amgel 1015.							
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 tests 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
			→						ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	JUL 26 2004
			→						FARMINGTON FIELD OFFICE BY JB

*(See instructions and spaces for additional data on page 2)

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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	1304' 1444'	1444' TD			

32. Additional remarks (include plugging procedure):

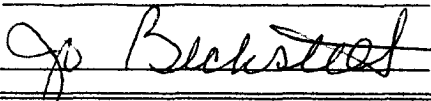
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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

07/23/2004

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.