

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

1a. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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. Resvr., Other: _____										5. Lease Serial No. SF-078039-A	
2. Name of Operator Burlington Resources Oil & Gas Company										6. If Indian, Allottee or Tribe Name 	
3. Address PO Box 4289, Farmington, NM 87499										3a. Phone No. (include area code) (505) 326-9700	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface: Uit L (NWSW), 1571' FSL & 1115' FWL At top prod. Interval reported below: Unit J (NWSE), 1723' FSL & 23551' FEL At total depth: Unit J (NWSE), 1723' & 2551' FEL										7. Unit or CA Agreement Name and No. Report To Lease 8. Lease Name and Well No. PRIMO MUDGE #1C 9. API Well No. 30-045-35202-0004 10. Field and Pool or Exploratory Basin Dakota 11. Sec., T., R., M., on Block and Survey o SURF & BH: Sec. 24, T32N, R11W 12. County or Parish San Juan	
14. Date Spudded 1/8/2013										15. Date T.D. Reached 1/26/2013	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 5/2/2013										17. Elevations (DF, RKB, RT, GL)* 6407' GL; 6422' KB	
18. Total Depth: MD 8121' TVD 7802'										19. Plug Back T.D.: MD 8118' TVD 7799'	
20. Depth Bridge Plug Set: MD 8118' TVD 7799'										21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL	
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		
12 1/4"	9 5/8" / H-40	32.3#	0	348'	n/a	106 sx premium Lite	30 bbls	Surface	6 bbls		
8 3/4"	7" / J-55	23#	0	4968'	3103'	642 sx Premium Lite	233 bbls	Surface	33 bbls		
6 1/4"	4 1/2" / L-80	11.6#	0	8120'	n/a	243 sx Premium Lite	87 bbls	3030'	n/a		
EC'D JUN 4 13 OIL CONS. DIV. DIST. 3											
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", 4.7#, L-80	8016'	n/a									
25. Producing Intervals											
Formation	Top	Bottom	Perforated Interval				Size	No. Holes	Perf. Status		
A) Dakota	7932	8014	1 spf				.34"	28	open		
B) Dakota	8020	8096	2 spf				.34"	22	open		
C)											
D) Total MV Perfs								50			
26. Perforation Record											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval				Amount and Type of Material							
7932' - 8096'				Acid - 10 bbls 15% HCL; Frac - 41,412 gal 70% slickwater foam w/40,143# 20/40 AZ sand & 2,273,000 scf N2							
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		
5/2/13 GRS	5/7/2013	1hr.		0	30 mcf	0					
Choke Size	Tbg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
1/2"	443 psi SI	568 psi		0	710 mcf/d	0		SI waiting on ND 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.	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 page 2)

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MAY 22 2013

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FARMINGTON FIELD OFFICE
BY William Tambekou

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 (Solid, used for fuel, vented, etc.)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem test, 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
Ojo Alamo	1374	1520	White, cr-gr ss	Ojo Alamo	1374
Kirtland	1520	2920	Gry sh interbedded w/tight, gry, fine-gr ss. Lk gry-gr carb sn, coal, gm silts, ngnt-med gry,	Kirtland	1520
Fruitland	2920	3414	tight, fine gr ss.	Fruitland	2920
Pictured Cliffs	3414	3600	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3414
Lewis	3600	3396'	Shale w/ siltstone stringers	Lewis	3600
Huerfano Bentonite	4146	n/a	White, waxy chalky bentonite	Huerfano Bentonite	4146
Chacra	4634	5022	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4634
Mesa Verde	5022	5407	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5022
Menefee	5407	5794	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5407
Point Lookout	5794	6195	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5794
Mancos	6195	7088	Dark gry carb sh.	Mancos	6195
Gallup	7088	7805	Lt. gry to bn calc carb-micac glauc silts & very-fine gry ss w/ irreg. interbed sh.	Gallup	7088
Greenhorn	7805	7856	Highly calc gry sh w/ thin lmst.	Greenhorn	7805
Graneros	7856	7930	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7856
Dakota	7930		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7930
Morrison			interbed grn, bn & red waxy sh & fine to coard gm s	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3514AZ

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)

Patsy Clugston

Title

Staff Regulatory Tech.

Signature

Date

5/15/2013

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.

RECEIVED

MAY 21 2013

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
Bureau of Land Management

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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2. Name of Operator Burlington Resources Oil & Gas Company										6. If Indian, Allottee or Tribe Name	
3. Address PO Box 4289, Farmington, NM 87499										7. Unit or CA Agreement Name and No. Report To Lease	
3a. Phone No. (include area code) (505) 326-9700										8. Lease Name and Well No. PRIMO MUDGE #1C	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit L (NWSW), 1571' FSL & 1115' FWL At top prod. Interval reported below Unit J (NWSE), 1723' FSL & 23551' FEL At total depth Unit J (NWSE), 1723' & 2551' FEL										9. API Well No. 30-045-35202 -0062	
14. Date Spudded 1/8/2013										10. Field and Pool or Exploratory Blanco Mesaverde	
15. Date T.D. Reached 1/26/2013										11. Sec., T., R., M., on Block and Survey o SURF & BH: Sec. 24, T32N, R11W	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. GRS 5/2/2013										12. County or Parish San Juan	
17. Elevations (DF, RKB, RT, GL)* 6407' GL; 6422' KB										13. State New Mexico	
18. Total Depth: MD 8121' TVD 7802'										19. Plug Back T.D.: MD 8118' TVD 7799'	
20. Depth Bridge Plug Set: MD 8118' TVD 7799'										21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL	
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)											
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8 3/4"	7" / J-55	23#	0	4968'	3103'	642 sx Premium Lite	233 bbls	Surface	33 bbls		
6 1/4"	4 1/2" / L-80	11.6#	0	8120'	n/a	243 sx Premium Lite	87 bbls	3030'	n/a		
										PCID JUN 4 13 OIL CONS. DIV DIST. 3	
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", 4.7#, L-80	8016'	n/a									
25. Producing Intervals											
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status					
A) Lower Pt Lookout	6000'	6192'	1 spf	.34"	26	open					
B) Upper Pt. Lookout	5830'	5936'	1 spf	.34"	24	open					
C) Menefee	5525'	5776'	1 spf	.34"	25	open					
D) Cliffhouse	5024'	5402'	1 spf	.34"	25	open					
E) Total MV Perfs					100						
26. Perforation Record											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
6000' - 6192'		Acid - 10 bbls 15% HCl; Frac - 28,518 gal 70% N2 Slickwater foam w/50,441# 20/40 AZ sand & 995,000 scf N2									
5830' - 5936'		Acid - 10 bbls 15% HCl; Frac - 38,282 gal 70% N2 Slickwater foam w/50,129# 20/40 AZ sand & 880,000 scf N2									
5525' - 5776'		Acid - 10 bbls 15% HCl; Frac - 29,526 gal 70% N2 Slickwater foam w/51,160# 20/40 AZ sand & 1,223,000 scf N2									
5024' - 5402'		Acid - 10 bbls 15% HCl; Frac - 35,784 gal 70% N2 Slickwater foam w/108,061# 20/40 AZ sand & 1,297,000 scf N2									
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		
5/2/13 GRS	5/7/2013	1hr.	→	0	8	trace					
Choke Size	Tbg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
1/2"	443 psi SI	568 psi	→	0	188 mcf/d	9 bwpd		SI waiting on ND 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.	Csg. Press. SI	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

MAY 22 2013

NMOCDF

FARMINGTON FIELD OFFICE
BY William Tambekou

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 (Solid, used for fuel, vented, etc.)

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers):

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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
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Kirtland	1520	2920	Gry sh interbedded w/tight, gry, fine-gr ss. Lk gry-gry carb ss, coal, gm silts, nght-med gry,	Kirtland	1520
Fruitland	2920	3414	tight, fine gr ss.	Fruitland	2920
Pictured Cliffs	3414	3600	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3414
Lewis	3600	3396'	Shale w/ siltstone stingers	Lewis	3600
Huerfano Bentonite	4146	n/a	White, waxy chalky bentonite	Huerfano Bentonite	4146
Chacra	4634	5022	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4634
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Greenhorn	7805	7856	Highly calc gry sh w/ thin linst.	Greenhorn	7805
Graneros	7856	7930	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7856
Dakota	7930		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7930
Morrison			interbed gm, brn & red waxy sh & fine to coard gm s	Morrison	

32. Additional remarks (include plugging procedure):

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 ☐ DST Report
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- ☐ 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)

Patsy Clugston

Title

Staff Regulatory Tech.

Signature

Date

5/15/2013

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