



## 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	1294'	1352'	White, cr-gr ss	Ojo Alamo	1294'
Kirtland	1352'	1906'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1352'
Fruitland	1906'	2050'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1906'
Pictured Cliffs	2050'	2203'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2050'
Lewis	2203'	2555'	Shale w/ siltstone stringers	Lewis	2203'
Huerfanito Bentonite	2555'	2974'	White, waxy chalky bentonite	Huerfanito Bentonite	2555'
Chacra	2974'	3664'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2974'
Mesa Verde	3664'	3723'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3664'
Menefee	3723'	4363'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3723'
Point Lookout	4363'	4837'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4363'
Mancos	4837'	5521'	Dark gry carb sh.	Mancos	4837'
Gallup	5521'	6348'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5521'
Greenhorn	6348'	6401'	Highly calc gry sh w/ thin lmst.	Greenhorn	6348'
Graneros	6401'	6439'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6401'
Dakota	6439'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6439'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

## 32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555

## 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)

Arleen Kellywood

Title

Staff Regulatory Tech.

Signature

Arleen Kellywood

Date

11/30/12

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 30 2012

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

I-149-IND-8473

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		1b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back							
Other:									
2. Name of Operator: Burlington Resources Oil & Gas Company									
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 UNIT E (SW/NW), 2600' FNL & 270' FWL At top prod. Interval reported below UNIT E (SW/NW), 2600' FNL & 270' FWL At total depth UNIT E (SW/NW), 2600' FNL & 270' FWL									
14. Date Spudded 7/11/2012		15. Date T.D. Reached 7/22/2012							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		11/13/2012							
18. Total Depth: MD 6754' TVD		19. Plug Back T.D.: MD 6685' TVD							
20. Depth Bridge Plug Set: MD TVD									
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 checked="" type="checkbox"/> No <input 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 Skis. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	230'	n/a	76sx-Pre-mix	22bbbs	Surface	7bbbs
8 3/4"	7" / J-55	23#	0	3889'	n/a	513sx-Premium Lite	185bbbs	Surface	55bbbs
6 1/4"	4 1/2" / L-80	11.6#	0	6743'	n/a	222sx-Premium Lite	80bbbs	3150'	n/a
24. Tubing Record				RCUD DEC 18 '12 OIL CONS. DIV. DIST. 3					
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#, J-55	6429'	n/a							
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval			Size	No. Holes	Perf. Status	
A) Point Lookout	4370'	4565'	ISPF			.34"	25	open	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4370' - 4565'		Acidize w/ 10bbbs of 15% HCL. Frac'd w/ 34,650gal 70% Slickwater N2 Foam w/ 103,397# of 20/40 Brady sand. Total N2: 1,607,300SCF.							
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	11/12/2012	1hr.	→	0/boph	6/mcf/h	1/bwph	n/a	n/a	FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-549psi	SI-492psi	→	0/bopd	135/mcf/d	19/ bwpd	n/a	SHUT IN	
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)

ACCEPTED FOR RECORD

DEC 15 2012

FARMINGTON FIELD OFFICE  
BY T. Solves

AMCDD  
A

PC

## 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	1294'	1352'	White, cr-gr ss	Ojo Alamo	1294'
Kirtland	1352'	1906'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1352'
Fruitland	1906'	2050'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	1906'
Pictured Cliffs	2050'	2203'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2050'
Lewis	2203'	2555'	Shale w/ siltstone stringers	Lewis	2203'
Huerfano Bentonite	2555'	2974'	White, waxy chalky bentonite	Huerfano Bentonite	2555'
Chacra	2974'	3664'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	2974'
Mesa Verde	3664'	3723'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3664'
Menefee	3723'	4363'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3723'
Point Lookout	4363'	4837'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4363'
Mancos	4837'	5521'	Dark gry carb sh.	Mancos	4837'
Gallup	5521'	6348'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5521'
Greenhorn	6348'	6401'	Highly calc gry sh w/ thin lmst.	Greenhorn	6348'
Graneros	6401'	6439'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6401'
Dakota	6439'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6439'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Dakota &amp; Basin Mancos commingle well under DHC4555

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)

Arleen Kellywood

Title

Staff Regulatory Tech.

Signature

Arleen Kellywood

Date

11/30/12

PC

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 30 2012

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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		Farmington Field Office Bureau of Land Management		5. Lease Serial No. <b>I-149-IND-8473</b>			
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>				3a. Phone No. (include area code) <b>(505) 326-9700</b>		6. If Indian, Allottee or Tribe Name <b>Report to lease</b>			
3. Address <b>PO Box 4289, Farmington, NM 87499</b>				9. API Well No. <b>30-045-35329-0002</b>		7. Unit or CA Agreement Name and No. <b>HUERFANITO UNIT</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT E (SW/NW), 2600' FNL &amp; 270' FWL</b>  At top prod. Interval reported below <b>UNIT E (SW/NW), 2600' FNL &amp; 270' FWL</b>  At total depth <b>UNIT E (SW/NW), 2600' FNL &amp; 270' FWL</b>				10. Field and Pool or Exploratory <b>Basin Mancos</b>		11. Sec., T., R., M., on Block and Survey <b>SURFACE: SEC: 25, T27N, R9W</b>			
14. Date Spudded <b>7/11/2012</b>		15. Date T.D. Reached <b>7/22/2012</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>11/13/2012</b>		12. County or Parish <b>San Juan</b>			
18. Total Depth: MD <b>6754'</b> TVD		19. Plug Back T.D.: MD <b>6685'</b> TVD		20. Depth Bridge Plug Set: MD TVD		13. State <b>New Mexico</b>			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</b>				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 checked="" type="checkbox"/> No <input 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
12 1/4"	9 5/8" / H-40	32.3#	0	230'	n/a	76sx-Pre-mix	22bbls	Surface	7bbls
8 3/4"	7" / J-55	23#	0	3889'	n/a	513sx-Premium Lite	185bbls	Surface	55bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6743'	n/a	222sx-Premium Lite	80bbls	3150'	n/a
								ROUND DEC 18 '12 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#, J-55	6429'	n/a							
25. Producing Intervals								26. Perforation Record	
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Lower Mancos	5764'	5860'	3SPF	.34"	51	open			
B) Upper Mancos	5631'	5696'	3SPF	.34"	51				
C) Total					102				
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5764' - 5860'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 32,254 20# 70% N2 X-Link Fluid w/ 143,640# of 20/40 Arizona sand. Total N2: 2,167,900SCF.							
5631' - 5696'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 41,368 gal 20# 70% N2 Liner Gel w/ 153,442# of 20/40 Arizona sand. Total N2: 2,488,900SCF.							
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	11/12/2012	1hr.	0 boph	0/boph	7/mcf/h	trace/bwph	n/a	n/a	FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI-549psi	SI-492psi	0/bopd	0/bopd	164/mcf/d	9/ bwpd	n/a		SHUT IN
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)

ACCEPTED FOR RECORD

NMOCD  
PV

DEC 15 2012

FARMINGTON FIELD OFFICE  
BY T. Salyers

PC

## 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
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Fruitland	1906'	2050'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	1906'
Pictured Cliffs	2050'	2203'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2050'
Lewis	2203'	2555'	Shale w/ siltstone stringers	Lewis	2203'
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Greenhorn	6348'	6401'	Highly calc gry sh w/ thin lmst.	Greenhorn	6348'
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Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

## 32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555

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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)

Arleen Kellywood

Title

Staff Regulatory Tech.

Signature

Arleen Kellywood

Date

11/30/12

PC

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