

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010RECEIVED  
MAY 24 2012  
FARMINGTON FIELD OFFICE  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of 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. Resrv.		2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>		3. Address <b>PO Box 4289, Farmington, NM 87499</b>		3a. Phone No. (include area code) <b>(505) 326-9700</b>		5. Lease Serial No. <b>SF-077651</b>		6. If Indian, Allottee or Tribe Name		7. Unit or CA Agreement Name and No. <b>MMN 732C17</b>		8. Lease Name and Well No. <b>SADIE WEST 2M</b>		9. API Well No. <b>30-045-35305-0001</b>		10. Field and Pool or Exploratory <b>BASIN DK</b>		11. Sec, T, R, M, on Block and Survey or Area <b>SEC: 21, T31N, R12W</b>		12. County or Parish <b>San Juan</b>		13. State <b>New Mexico</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* <b>At surface UNIT N (SE/SW), 1202' FSL &amp; 1926' FWL</b>		At top prod. Interval reported below <b>SAME AS ABOVE</b>		At total depth <b>SAME AS ABOVE</b>		14. Date Spudded <b>2/23/2012</b>		15. Date T D Reached <b>3/11/2012</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>05/02/12 GRC</b>		17. Elevations (DF, RKB, RT, GL)* <b>6067' GL</b>		18. Total Depth MD <b>7177'</b> TVD		19. Plug Back T D MD <b>7161'</b> TVD		20. Depth Bridge Plug Set MD TVD		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 Skis & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled																		
12 1/4"	9 5/8" / H-40	32.3#	0	231'	n/a	76sx-Pre-mix	22bbls	Surface	6bbls																		
8 3/4"	7" / J-55	20# / 23#	0	4374'	n/a	605sx-Premium Lite	218bbls	Surface	65bbls																		
6 1/4"	4 1/2" / L-80	11.6#	0	7162'	n/a	233sx-Premium Lite	84bbls	TOC @ 4374'	n/a																		
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"	7010'	n/a																									
25. Producing Intervals																											
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status																			
A) Dakota		6954'	7042'	1SPF		.34"	31	open																			
B) Dakota		7050'	7075'	2SPF		.34"	14	open																			
C)																											
D)																											
27. Acid, Fracture, Treatment, Cement Squeeze, etc																											
Depth Interval		Amount and Type of Material																									
6954' - 7075'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 35,910gals 85% Slickwater N2 foam w/ 25,087# of 20/40 Brady sand. Total N2: 4,804,300SCF.																									
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																		
05/02/12 GRC	5/9/2012	1hr.	→	n/a/boph	44/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-715psi	SI-716psi	→	n/a/bopd	1,067/mcf/d	16/bwprd	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	SI		→																								

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

ACCEPTED FOR RECORD

MAY 25 2012

FARMINGTON FIELD OFFICE  
BY SW

NMOCD

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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 (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	670'	712'	White, cr-gr ss	Ojo Alamo	670'
Kirtland	712'	2108'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	712'
Fruitland	2108'	2449'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2108'
Pictured Cliffs	2449'	2618'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2449'
Lewis	2618'	3176'	Shale w/ siltstone stringers	Lewis	2618'
Huerfanto Bentonite	3176'	3541'	White, waxy chalky bentonite	Huerfanto Bentonite	3176'
Chacra	3541'	3984'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3541'
Mesa Verde	3984'	4184'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3984'
Menefee	4184'	4798'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4184'
Point Lookout	4798'	5236'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4798'
Mancos	5236'	6104'	Dark gry carb sh	Mancos	5236'
Gallup	6104'	6834'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6104'
Greenhorn	6834'	6892'	Highly calc gry sh w/ thin lmst	Greenhorn	6834'
Graneros	6892'	6953'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	6892'
Dakota	6953'	7177'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6953'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32 Additional remarks (include plugging procedure)

This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHIC3664AZ.

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)

Marte E. Jaramillo

Title

Staff Regulatory Tech

Signature

Date

5/10/2012

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

## 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						5 Lease Serial No <b>SF-077651</b>					
b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.						6 If Indian, Allottee or Tribe Name					
Other						7 Unit or CA Agreement Name and No. <b>UNNM 73443</b>					
2 Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>						8 Lease Name and Well No <b>SADIE WEST 2M</b>					
3 Address <b>PO Box 4289, Farmington, NM 87499</b>						9 API Well No. <b>30-045-35305-0002</b>					
3a Phone No (include area code) <b>(505) 326-9700</b>						10 Field and Pool or Exploratory <b>BLANCO MV</b>					
4 Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT N (SE/SW), 1202' FSL &amp; 1926' FWL</b>  At top prod. Interval reported below <b>SAME AS ABOVE</b>  At total depth <b>SAME AS ABOVE</b>						11 Sec, T, R, M, on Block and Survey or Area <b>SEC: 21, T31N, R12W</b>					
14 Date Spudded <b>2/23/2012</b>						15 Date T D Reached <b>3/11/2012</b>		16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>04/26/12 GRC</b>		17 Elevations (DF, RKB, RT, GL)* <b>6067' GL</b>	
18 Total Depth MD <b>7177'</b> TVD			19 Plug Back T D.. MD <b>7161'</b> TVD			20 Depth Bridge Plug Set MD TVD			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)		
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</b>											
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	231'	n/a	76sx-Pre-mix	22bbls	Surface	6bbls		
8 3/4"	7" / J-55	20# / 23#	0	4374'	n/a	605sx-Premium Lite	218bbls	Surface	65bbls		
6 1/4"	4 1/2" / L-80	11.6#	0	7162'	n/a	233sx-Premium Lite	84bbls	TOC @ 1274'	n/a		
								3270'			
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"	7010'	n/a									
25 Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status			
A) Point Lookout		4800'	5126'	ISPF		.34"	25	open			
B) Menefee		4390'	4660'	ISPF		.34"	25	open			
C)											
D)											
27 Acid, Fracture, Treatment, Cement Squeeze, etc											
Depth Interval		Amount and Type of Material									
4800' - 5126'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 37,464gals 70% Slickwater N2 foam w/ 99,803# of 20/40 Brady sand. Total N2:1,280,100SCF.									
4390' - 4660'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 21,378gals 70% Slickwater N2 foam w/ 50,930# of 20/40 Brady sand. Total N2:968,500SCF.									
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		
04/26/12 GRC	5/2/2012	1hr.	→	trace/boph	142/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-715psi	SI-716psi	→	trace/bopd	3,412/mcf/d	27/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		
			→						RCVD MAY 31 '12 OIL CONS. DIV.		
Choke Size	Tbg. Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
	SI		→					DIST. 3			

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

ACCEPTED FOR RECORD

MAY 25 2012

FARMINGTON FIELD OFFICE  
BY SW

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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 (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	670'	712'	White, cr-gr ss	Ojo Alamo	670'
Kirtland	712'	2108'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	712'
Fruitland	2108'	2449'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2108'
Pictured Cliffs	2449'	2618'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2449'
Lewis	2618'	3176'	Shale w/ siltstone stringers	Lewis	2618'
Huerfano Bentonite	3176'	3541'	White, waxy chalky bentonite	Huerfano Bentonite	3176'
Chacra	3541'	3984'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3541'
Mesa Verde	3984'	4184'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3984'
Menefee	4184'	4798'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4184'
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Greenhorn	6834'	6892'	Highly calc gry sh w/ thin lmst	Greenhorn	6834'
Graneros	6892'	6953'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	6892'
Dakota	6953'	7177'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6953'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

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This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHC3664AZ.

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 ☐ 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)

Marie E Jaramillo

Title

Staff Regulatory Tech

Signature

Date

5/10/2012

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