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JUL 24 2013

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Farmington Field Office

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

SF-077107-A

1a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,

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 F (SE/NW) 1723' FNL & 1547' FWL,

At top prod. interval reported below

UNIT K (NE/SW) 2333' FSL & 1885' FWL,

At total depth

UNIT K (NE/SW) 2333' FSL & 1885' FWL,

14. Date Spudded

4/8/2013

15. Date T.D. Reached

4/28/2013

16. Date Completed

☐ D & A ☒ Ready to Prod. 7/3/13 GRS

17. Elevations (DF, RKB, RT, GL)\*

6840' GL / 6855' KB

18. Total Depth:

MD

7790'

TVD

7593'

19. Plug Back T.D.:

MD

7786'

TVD

7589'

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?

☒ No

☐ Yes (Submit analysis)

Was DST run?

☒ No

☐ Yes (Submit report)

Directional Survey?

☐ No

☒ 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	346'	n/a	131 sx - Premium Lite	37 bbls	Surface	1/4 bbls
8 3/4"	7" / J-55	23#	0	5076'	2901'	650 sx - Premium Lite	236 bbls	Surface	81 bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7789'	n/a	212 sx - Premium Lite	77 bbls	3800'	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", 4.7#, L-80	7676'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7696'	7768'	2 SPF	.34"	28	open
B) DAKOTA	7578'	7664'	1 SPF	.34"	27	open
C)						
D) TOTAL HOLES					55	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
7578' - 7768'	Acidized w/10 bbls 15% HCL; Frac'd w/118,815 gal 70Q N2 Slickfoam w/39,160# 20/40 Brown Sand & 2,800,000 scf N2

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/3/2013 GRS	7/10/2013	1hr.	→	trace	17 mcf/h	trace			FLOWING
Choke Size	Ibg. Press. Flwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI - 690 psi	641 psi	→	1 bopd	414 mcf/d	6 bwpd			SHUT IN
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	Ibg. 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

NMOCD



W

JUL 24 2013



FARMINGTON FIELD OFFICE

BY William Tamberton

## 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	2152'	2278'	White, cr-gr ss	Ojo Alamo	2152'	
Kirtland	2278'	2816'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2278'	
Fruitland	2816'	3158'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2816'	
Pictured Cliffs	3158'	3314'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3158'	
Lewis	3314'	4161'	Shale w/ siltstone stringers	Lewis	3314'	
Huerfanito Bentonite	n/a		White, waxy chalky bentonite	Huerfanito Bentonite	n/a	
Chacra	4161'	4870'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4161'	
Mesa Verde	4870'	4912'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4870'	
Menefee	4912'	5543'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4912'	
Point Lookout	5543'	5844'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5543'	
Mancos	5844'	6676'	Dark gry carb sh.	Mancos	5844'	
Gallup	6676'	7448'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6676'	
Greenhorn	7448'	7516'	Highly calc gry sh w/ thin lmst.	Greenhorn	7448'	
Graneros	7516'	7576'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7516'	
Dakota	7576'	7790'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7576'	
			Interbed grn, brn & red waxy sh & fine to coard grn ss			

32. Additional remarks (include plugging procedure):

This is a MV/DK well being commingled per DHC 3605AZ

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

7/22/2013

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.

JUL 24 2013

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Farmington Field Office  
Bureau of Land Management

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										6. If Indian, Allottee or Tribe Name									
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.,										7. Unit or CA Agreement Name and No. <b>NPANM 73521 (MV)</b>									
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>									
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT F (SE/NW) 1723' FNL &amp; 1547' FWL,</b>  At top prod. Interval reported below <b>UNIT K (NE/SW) 2333' FSL &amp; 1885' FWL,</b>  At total depth <b>UNIT K (NE/SW) 2333' FSL &amp; 1885' FWL,</b>										7. Lease Name and Well No. <b>BLANCO WASH FEDERAL 3M</b>									
14. Date Spudded <b>4/8/2013</b>										15. Date T.D. Reached <b>4/28/2013</b>									
18. Total Depth: MD <b>7790'</b> TVD <b>7593'</b>										16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>7/2/13 GRS</b>									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</b>										17. Elevations (DF, RKB, RT, GL)* <b>6840' GL / 6855' KB</b>									
23. Casing and Liner Record (Report all strings set in well)										10. Field and Pool or Exploratory <b>BLANCO MESAVERDE</b>									
24. Tubing Record										11. Sec., T., R., M., on Block and Survey (SURFACE: SEC: 27, T28N, R9W BOTTOMHOLE: SEC: 27, T28N, R9W)									
25. Producing Intervals										12. County or Parish <b>San Juan</b>									
26. Perforation Record										13. State <b>New Mexico</b>									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.										16. Depth Bridge Plug Set: MD TVD									
28a. Production - Interval B										17. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28b. Production - Interval A										18. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit report)									
28c. Production - Interval C										19. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)									
28d. Production - Interval D										20. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28e. Production - Interval E										21. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28f. Production - Interval F										22. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28g. Production - Interval G										23. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28h. Production - Interval H										24. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28i. Production - Interval I										25. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28j. Production - Interval J										26. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28k. Production - Interval K										27. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28l. Production - Interval L										28. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28m. Production - Interval M										29. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28n. Production - Interval N										30. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28o. Production - Interval O										31. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28p. Production - Interval P										32. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28q. Production - Interval Q										33. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28r. Production - Interval R										34. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28s. Production - Interval S										35. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28t. Production - Interval T										36. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28u. Production - Interval U										37. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28v. Production - Interval V										38. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28w. Production - Interval W										39. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28x. Production - Interval X										40. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28y. Production - Interval Y										41. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28z. Production - Interval Z										42. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28aa. Production - Interval AA										43. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ab. Production - Interval AB										44. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ac. Production - Interval AC										45. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ad. Production - Interval AD										46. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ae. Production - Interval AE										47. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28af. Production - Interval AF										48. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ag. Production - Interval AG										49. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ah. Production - Interval AH										50. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ai. Production - Interval AI										51. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28aj. Production - Interval AJ										52. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ak. Production - Interval AK										53. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28al. Production - Interval AL										54. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28am. Production - Interval AM										55. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28an. Production - Interval AN										56. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ao. Production - Interval AO										57. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ap. Production - Interval AP										58. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28aq. Production - Interval AQ										59. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ar. Production - Interval AR										60. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28as. Production - Interval AS										61. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28at. Production - Interval AT										62. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28au. Production - Interval AU										63. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28av. Production - Interval AV										64. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28aw. Production - Interval AW										65. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ax. Production - Interval AX										66. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ay. Production - Interval AY										67. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28az. Production - Interval AZ										68. Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
28ba.																			

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

ACCEPTED FOR RECORD

NMOCB  
 A

JUL 24 2013

FARMINGTON FIELD OFFICE  
BY William Tambekov

## 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	2152'	2278'	White, cr-gr ss	Ojo Alamo	2152'	
Kirtland	2278'	2816'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2278'	
Fruitland	2816'	3158'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2816'	
Pictured Cliffs	3158'	3314'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3158'	
Lewis	3314'	4161'	Shale w/ siltstone stringers	Lewis	3314'	
Huerfanito Bentonite	n/a		White, waxy chalky bentonite	Huerfanito Bentonite	n/a	
Chacara	4161'	4870'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	4161'	
Mesa Verde	4870'	4912'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4870'	
Menefee	4912'	5543'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4912'	
Point Lookout	5543'	5844'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5543'	
Mancos	5844'	6676'	Dark gry carb sh.	Mancos	5844'	
Gallup	6676'	7448'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6676'	
Greenhorn	7448'	7516'	Highly calc gry sh w/ thin lmst.	Greenhorn	7448'	
Graneros	7516'	7576'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7516'	
Dakota	7576'	7790'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7576'	
			Interbed grn, brn & red waxy sh & fine to coard grn ss			

32. Additional remarks (include plugging procedure):

**This is a MV/DK well being commingled per DHC 3605AZ**

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

7/22/2013

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.