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Form 3160-4  
(August 2007)

JUL 24 2013

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

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. Resvr.,  
Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **NMNM 73915 (DA)**

2. Name of Operator **Burlington Resources Oil & Gas Company**

8. Lease Name and Well No. **BLANCO WASH FEDERAL 3M**

3. Address **PO Box 4289, Farmington, NM 87499**

3a. Phone No. (include area code) **(505) 326-9700**

9. API Well No. **30-045-35250 -0061**

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,**

10. Field and Pool or Exploratory **BASIN DAKOTA**

11. Sec., T., R., M., on Block and Survey (SURFACE: SEC: 27, T28N, R9W  
BOTTOMHOLE: SEC: 27, T28N, R9W)

12. County or Parish **San Juan** 13. State **New Mexico**

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
DAKOTA	7696'	7768'	2 SPF	.34"	28	open
DAKOTA	7578'	7664'	1 SPF	.34"	27	open
TOTAL HOLES					55	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
DAKOTA	7696'	7768'	2 SPF	.34"	28	open
DAKOTA	7578'	7664'	1 SPF	.34"	27	open
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

28a. 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
7/3/2013 GRS	7/10/2013	1hr.	→	trace	17 mcf/h	trace			FLOWING
Choke Size	Ibg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI - 690 psi	SI	→	1 bopd	414 mcf/d	6 bwppd		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	Ibg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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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	
	Top	Bottom				Meas. Depth	Bottom
Ojo Alamo	2152'	2278'		White, cr-gr ss	Ojo Alamo	2152'	
Kirltand	2278'	2816'		Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	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 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			

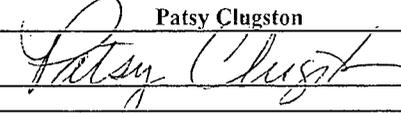
32. Additional remarks (include plugging procedure):

**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.

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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

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14. Date Spudded: 4/8/2013. 15. Date T.D. Reached: 4/28/2013. 16. Date Completed: D & A, Ready to Prod. 7/2/13 GRS (checked)

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? (checked) No, Yes (Submit analysis). Was DST run? (checked) No, Yes (Submit report). Directional Survey? (checked) No, Yes (Submit copy).

23. Casing and Liner Record (Report all strings set in well). Table with columns: 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.

24. Tubing Record. Table with columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD).

25. Producing Intervals. 26. Perforation Record. Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status.

27. Acid, Fracture, Treatment, Cement Squeeze, etc. Table with columns: Depth Interval, Amount and Type of Material.

28a. Production - Interval A. 28b. Production - Interval B. Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method.

\*(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	
			→						

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32. Additional remarks (include plugging procedure):

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 Signature *Patsy Clugston* Date 7/22/2013

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