

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 12 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NM-03561**

1a. Type of Well: Oil Well Gas Well Dry Other **FARMING-DRILLING**
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv. **FRAC**

6. If Indian, Allottee or Tribe Name

Other:

7. Unit or CA Agreement Name and No. **Report To Lease**

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

8. Lease Name and Well No. **Grenier B 3N**

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

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

9. API Well No. **30-045-35111 - DOC 1**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **UNIT K (NE/SW), 1280' FSL & 1765' FWL**

10. Field and Pool or Exploratory **Basin Dakota**

At top prod. Interval reported below **UNIT L (NW/SW), 1279' FSL & 711' FWL**

11. Sec., T., R., M., on Block and Survey
 SURFACE: SEC: 5, T29N, R10W
 BOTTOM: SEC: 5, T29N, R10W

At total depth **UNIT L (NW/SW), 1279' FSL & 711' FWL**

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

14. Date Spudded **11/12/2012** 15. Date T.D. Reached **12/7/2012** 16. Date Completed D & A Ready to Prod. **01/30/2013 GRC**

17. Elevations (DF, RKB, RT, GL)*
5789' GL / 5804' KB

18. Total Depth: MD **6960'** TVD **6776'** 19. Plug Back T.D.: MD **6926'** TVD **6742'** 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 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	23#	0	4242'	n/a	545sx-Premium Lite	196bbls	Surface	70bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6948'	n/a	210sx-Premium Lite	76bbls	1660'	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	6783'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	6736'	6824'	ISPF	.34"	38	open
B) Dakota	6826'	6854'	2SPF	.34"	12	open
C) Total					50	
D)						

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

Depth Interval	Amount and Type of Material
6736' - 6854'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 38,346gal 70% Foam Slickwater w/ 40,207# of 20/40 Arizona sand. Total N2:2,085,000

OIL CONS. DIV DIST. 3
FEB 19 2013

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
01/30/2013 GRC	2/6/2013	1hr.	→	trace/boph	74/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-849psi	SI-1090psi	→	1/bopd	1782/mcf/d	30/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

FEB 14 2013

NMOCOD
AV

FARMINGTON FIELD OFFICE
BY William Tambekou

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	840'	1000'	White, cr-gr ss	Ojo Alamo	840'
Kirtland	1000'	1814'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1000'
Fruitland	1814'	2256'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	1814'
Pictured Cliffs	2256'	2445'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2256'
Lewis	2445'	2445'	Shale w/ siltstone stringers	Lewis	2445'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	0
Chacra	3314'	3919'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	3314'
Mesa Verde	3919'	4040'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3919'
Menefee	4040'	4657'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4040'
Point Lookout	4657'	5058'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4657'
Mancos	5058'	5852'	Dark gry carb sh.	Mancos	5058'
Gallup	5852'	6610'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5852'
Greenhorn	6610'	6669'	Highly calc gry sh w/ thin lmst.	Greenhorn	6610'
Graneros	6669'	6734'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6669'
Dakota	6734'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6734'
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 commingle well under DHC3397AZ.

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 White Title Staff Regulatory Tech.
 Signature Arleen White Date 2/12/13

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

FEB 12 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No. **NM-03561**
 6. Indian, Allottee or Tribe Name

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

7. Unit or CA Agreement Name and No. **Report To Lease**

8. Lease Name and Well No. **Grenier B 3N**

3. Address: **PO Box 4289, Farmington, NM 87499**
 3a. Phone No. (include area code): **(505) 326-9700**

9. API Well No. **30-045-35111-0002**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: **UNIT K (NE/SW), 1280' FSL & 1765' FWL**
 At top prod. Interval reported below: **UNIT L (NW/SW), 1279' FSL & 711' FWL**
 At total depth: **UNIT L (NW/SW), 1279' FSL & 711' FWL**

10. Field and Pool or Exploratory: **Blanco Mesaverde**
 11. Sec., T., R., M., on Block and Survey: **SURFACE: SEC: 5, T29N, R10W; BOTTOM: SEC: 5, T29N, R10W**
 12. County or Parish: **San Juan**
 13. State: **New Mexico**

14. Date Spudded: **11/12/2012**
 15. Date T.D. Reached: **12/7/2012**
 16. Date Completed: D & A Ready to Prod. **01/29/2013 GRC**
 17. Elevations (DF, RKB, RT, GL)*: **5789' GL / 5804' KB**

18. Total Depth: MD **6960'** TVD **6776'**
 19. Plug Back T.D.: MD **6926'** TVD **6742'**
 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	231'	n/a	76sx-Pre-mix	22bbls	Surface	6bbls
8 3/4"	7" / J-55	23#	0	4242'	n/a	545sx-Premuim Lite	196bbls	Surface	70bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6948'	n/a	210sx-Premuim Lite	76bbls	1660'	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	6783'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4658'	4946'	ISPF	.34"	25	open
B) UMF/Menefee	4314'	4582'	ISPF	.34"	25	open
C) Total					50	
D)						

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

Depth Interval	Amount and Type of Material
4658' - 4946'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 38,640gal 70% Slickwater Foam pad w/ 100,785# of 20/40 Arizona sand. Total N2:1,151,000SCF.
4314' - 4582'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 35,952gal 70% N2 Slickfoam pad w/ 104,108# of 20/40 Arizona sand. Total N2:1,546,000SCF.

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
01/29/2013 GRC	2/6/2013	1hr.	→	0/boph	58/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-849psi	SI-1090psi	→	0/bopd	1401/mcf/d	24/ 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		→						

OIL CONS. DIV DIST. 3
FEB 19 2013

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

ACCEPTED FOR RECORD

NMOCD
AV

FEB 14 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

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	840'	1000'	White, cr-gr ss	Ojo Alamo	840'
Kirtland	1000'	1814'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1000'
Fruitland	1814'	2256'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1814'
Pictured Cliffs	2256'	2445'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2256'
Lewis	2445'	2445'	Shale w/ siltstone stringers	Lewis	2445'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	0
Chacra	3314'	3919'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3314'
Mesa Verde	3919'	4040'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3919'
Menefee	4040'	4657'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4040'
Point Lookout	4657'	5058'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4657'
Mancos	5058'	5852'	Dark gry carb sh.	Mancos	5058'
Gallup	5852'	6610'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5852'
Greenhorn	6610'	6669'	Highly calc gry sh w/ thin lmst.	Greenhorn	6610'
Graneros	6669'	6734'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6669'
Dakota	6734'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6734'
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 commingle well under DHC3397AZ.

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 White Title Staff Regulatory Tech.
 Signature Arleen White Date 2/12/13

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.