

RECEIVED

AMENDED REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 21 2013

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Farmington Field Office5. Lease Serial No. **SF-078358**1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,6. If Indian, Allottee or Tribe Name
NAMM 78394C

Other:

7. Unit or CA Agreement Name and No.
Huerfanito Unit

2. Name of Operator

Burlington Resources Oil & Gas Company

8. Lease Name and Well No.

Huerfanito Unit #79N

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-045-34950 - 00C3

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **UNIT P (SESE), 445' FSL & 355' FEL**

10. Field and Pool or Exploratory

BLANCO MESA VERDE

At top prod. Interval reported below

SAME AS ABOVE11. Sec., T., R., M., on Block and
Survey or Area**Sec. 26, T27N, R9W**At total depth **SAME AS ABOVE**

12. County or Parish

San Juan

13. State

New Mexico

14. Date Spudded

3/8/2012

15. Date T.D. Reached

3/19/2012

16. Date Completed

5/9/12-GRS☐ D & A☐ Ready to Prod.

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

GL-6,309' / KB-6,324'

18. Total Depth:

MD

6,804'

TVD

19. Plug Back T.D.:

MD

6,798'

TVD

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored?

☒ No☐ Yes (Submit analysis)

Was DST run?

☒ No☐ Yes (Submit report)

Directional Survey?

☒ No☐ Yes (Submit copy)

GR/CCL/CBL

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	229'	n/a	103	29 bbls	Surface	1 bbl
8 3/4"	7" J-55	20# / 23#	0	3,982'	n/a	523	189 bbls	Surface	70 bbl
6 1/4"	4 1/2" L-80	11.6#	0	6,800'	n/a	230	83 bbls	2,910'	

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	6,623'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4,482'	4,816'	1 SPF	.34" diam	25	Open
B) Menefee	4,086'	4,375'	1 SPF	.34" diam	25	Open
C)						
D) Total Holes					50	

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

Depth Interval	Amount and Type of Material
4,482' - 4,816'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 36,834 gal 70Q N2 Slickfoam w/ 102,984# 20/40 Brady Sand.
	Total N2: 1,305,200scf.
4,086' - 4,375'	Frac w/ 22,890 gal 70Q N2 Slickfoam w/ 51,620# 20/40 Brady Sand. Total N2: 1,041,100scf.

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
5/9/12-GRS	5/17/2012	1	→	0	17mcf/h	Trace			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	409psi	582psi	→	0	398mcf/d	11 bwpd			SI

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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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*(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	
			→						

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	1396'	1501'	White, cr-gr ss	Ojo Alamo	1396'
Kirltand	1501'	1942'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	1501'
Fruitland	1942'	2179'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	1942'
Pictured Cliffs	2179'	2288'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2179'
Lewis	2288'	2650'	Shale w/ siltstone stringers	Lewis	2288'
Huerfanito Bentonite	2650'	2706'	White, waxy chalky bentonite	Huerfanito Bentonite	2650'
Chacra	2706'	3763'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	2706'
Mesa Verde	3763'	3832'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3763'
Menefee	3832'	4482'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3832'
Point Lookout	4482'	4937'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4482'
Mancos	4937'	5634'	Dark gry carb sh.	Mancos	4937'
Gallup	5634'	6469'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5634'
Greenhorn	6469'	6522'	Highly calc gry sh w/ thin lmst.	Greenhorn	6469'
Graneros	6522'	6561'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6522'
Dakota	6561'	6804'	Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6561'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):

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)*

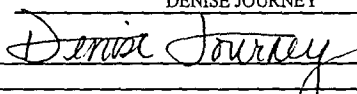
Name (please print)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature



Date

3/20/13

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.

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UNITED STATES
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OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Farmington Field Office

1a. Type of Well		<input type="checkbox"/> Oil Well	<input checked="" type="checkbox"/> Gas Well	<input type="checkbox"/> Dry	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.,
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 P (SESE), 445' FSL & 355' FEL At top prod. Interval reported below SAME AS ABOVE At total depth SAME AS ABOVE											
14. Date Spudded 3/8/2012				15. Date T.D. Reached 3/19/2012				16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 5/9/12-GRS <input type="checkbox"/> Ready to Prod.			
18. Total Depth: MD 6,804' TVD				19. Plug Back T.D.: MD 6,798' TVD				20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)								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)			

GR/CCL/CBL

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	229'	n/a	103	29 bbls	Surface	1 bbl
8 3/4"	7" J-55	20# / 23#	0	3,982'	n/a	523	189 bbls	Surface	70 bbl
6 1/4"	4 1/2" L-80	11.6#	0	6,800'	n/a	230	83 bbls	2,910'	

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	6,623'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Mancos	5,836'	5,972'	3 SPF	.34" diam	51	Open
B)	5,654'	5,788'	3 SPF	.34" diam	51	Open
C)						
D) Total Holes					102	

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

Depth Interval	Amount and Type of Material
Lower Mancos 5,836' - 5,972'	Acidize w/ 10 bbls 15 % HCL Acid. Frac w/ 29,484 gal 25# X-Linked 70Q N2 Foam w/ 55,015 # 20/40 Brady Sand Total N2: 1,456,400scf.
Upper Mancos 5,654' - 5,788'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 37,714 gal 25# X-Linked 70Q N2 Foam w/ 121,983# 20/40 & 30,830# 16/30 Brady Sand. Total N2: 2,268,800scf.

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
5/9/12-GRS	5/17/2012	1	→	0	16mcf/h	Trace			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	409psi	582psi	→	0	381mcf/d	10 bwpd		SI	

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. SI	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)

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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.)

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Pictured Cliffs	2179'	2288'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2179'
Lewis	2288'	2650'	Shale w/ siltstone stingers	Lewis	2288'
Huerfano Bentonite	2650'	2706'	White, waxy chalky bentonite	Huerfano Bentonite	2650'
Chacra	2706'	3763'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2706'
Mesa Verde	3763'	3832'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3763'
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