

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, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Farmington Field Office

5. 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. Resrv.,
 Other: _____

6. If Indian, Allottee or Tribe Name
NANM 78394C

2. Name of Operator
Burlington Resources Oil & Gas Company

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

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

8. Lease Name and Well No.
Huerfanito Unit #79N

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **UNIT P (SESE), 445' FSL & 355' FEL**

9. API Well No.
30-045-34950 - 00C3

10. Field and Pool or Exploratory
BLANCO MESA VERDE

At top prod. Interval reported below **SAME AS ABOVE**

11. 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 **6,804'** 19. Plug Back T.D.: MD **6,798'** TVD **6,798'** 20. Depth Bridge Plug Set: MD **6,798'** TVD **6,798'**

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 Cements 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	

26. Perforation Record

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
			→						

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

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NMOCD AY

FARMINGTON FIELD OFFICE
BY William Tambekou

ACCEPTED FOR RECORD

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'
Kirtland	1501'	1942'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	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 gluac 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 sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6561'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm 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 Denise Journey 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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Farmington Field Office

5. Lease Serial No. **SF-078358**

1a. Type of Well Oil Well Gas Well Dry Surface Other **Bureau of Land Management**
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,

6. If Indian, Allottee or Tribe Name

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 - 0002**

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**

10. Field and Pool or Exploratory **BASIN MANCOS**
11. Sec., T., R., M., on Block and Survey or Area **Sec. 26, T27N, R9W**
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 **6,804'** 19. Plug Back T.D.: MD **6,798'** TVD **6,798'**

20. Depth Bridge Plug Set: MD **MD** TVD **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	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	

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
3 SPF	.34" diam	51	Open
3 SPF	.34" diam	51	Open

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	
			→						

ACCEPTED FOR RECORD

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FARMINGTON FIELD OFFICE
BY William Tambekou

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'
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