

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

NOV 30 2012

1a. Type of Well: Oil Well Gas Well Dry Other Plug Back Diff. Resrv.

b. Type of Completion: New Well Work Over Deepen

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 E (SW/NW), 2600' FNL & 270' FWL**
At top prod. Interval reported below: **UNIT E (SW/NW), 2600' FNL & 270' FWL**
At total depth: **UNIT E (SW/NW), 2600' FNL & 270' FWL**

5. Lease Serial No.: **I-149-IND-8473**

6. If Indian, Allottee or Tribe Name: **NMMN-783948-DK**

7. Unit or CA Agreement Name and No.: **HUERFANITO UNIT**

8. Lease Name and Well No.: **Huerfanito Unit 82P**

9. API Well No.: **30-045-35329-0001**

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

11. Sec., T., R., M., on Block and Survey: **SURFACE: SEC: 25, T27N, R29W**

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

14. Date Spudded: **7/11/2012** 15. Date T.D. Reached: **7/22/2012** 16. Date Completed: D & A Ready to Prod. **11/13/2012**

17. Elevations (DF, RKB, RT, GL)*: **6174' GL / 6189' KB**

18. Total Depth: MD **6754'** TVD **6754'** 19. Plug Back T.D.: MD **6685'** TVD **6685'** 20. Depth Bridge Plug Set: MD **6685'** TVD **6685'**

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	230'	n/a	76sx-Pre-mix	22bbls	Surface	7bbls
8 3/4"	7" / J-55	23# 23#	0	3889'	n/a	513sx-Premium Lite	185bbls	Surface	55bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6743'	n/a	222sx-Premium Lite	806bbls	3150'	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#, J-55	6429'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	6442'	6540'	1SPF	.34"	20	open
B) Dakota	6578'	6650'	2SPF	.34"	28	open
C) Total					48	

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

Depth Interval	Amount and Type of Material
6442' - 6650'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 37,380gal 70% Slickwater N2 Foam w/ 39,751# of 20/40 Brady sand. Total N2: 2,201,600SCF.

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
N/A	11/12/2012	1hr.	→	0/boph	42/mcf/h	trace/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-549psi	SI-492psi	→	0/bopd	1016/mcf/d	2/ 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)

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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	1294'	1352'	White, cr-gr ss	Ojo Alamo	1294'
Kirtland	1352'	1906'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1352'
Fruitland	1906'	2050'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1906'
Pictured Cliffs	2050'	2203'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2050'
Lewis	2203'	2555'	Shale w/ siltstone stingers	Lewis	2203'
Huerfanito Bentonite	2555'	2974'	White, waxy chalky bentonite	Huerfanito Bentonite	2555'
Chacra	2974'	3664'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2974'
Mesa Verde	3664'	3723'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3664'
Menefee	3723'	4363'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3723'
Point Lookout	4363'	4837'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4363'
Mancos	4837'	5521'	Dark gry carb sh.	Mancos	4837'
Gallup	5521'	6348'	Lt. gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh.	Gallup	5521'
Greenhorn	6348'	6401'	Highly calc gry sh w/ thin lmst.	Greenhorn	6348'
Graneros	6401'	6439'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6401'
Dakota	6439'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6439'
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 & Basin Mancos commingle well under DHC4555

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 Kellywood Title Staff Regulatory Tech.
 Signature Arleen Kellywood Date 11/30/12

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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5. Lease Serial No. **I-149-IND-8473**

6. If Indian, Allottee or Tribe Name **NMMA-78394C-MV**

7. Unit or CA Agreement Name and No. **HUERFANITO UNIT**

8. Lease Name and Well No. **Huerfanito Unit 82P**

9. API Well No. **30-045-35329-0003**

10. Field and Pool or Exploratory **Blanco Mesaverde**

11. Sec., T., R., M., on Block and Survey **SURFACE: SEC: 25, T27N, R9W**

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

14. Date Spudded **7/11/2012** 15. Date T.D. Reached **7/22/2012** 16. Date Completed D & A Ready to Prod. **11/13/2012** 17. Elevations (DF, RKB, RT, GL)* **6174' GL / 6189' KB**

18. Total Depth: MD **6754'** TVD **6754'** 19. Plug Back T.D.: MD **6685'** TVD **6685'** 20. Depth Bridge Plug Set: MD **6685'** TVD **6685'**

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	230'	n/a	76sx-Pre-mix	22bbls	Surface	7bbls
8 3/4"	7" / J-55	23#	0	3889'	n/a	513sx-Premium Lite	185bbls	Surface	55bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6743'	n/a	222sx-Premium Lite	80bbls	3150'	n/a

RCUD DEC 18 '12
OIL CONS. DIV.
DIST. 3

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#, J-55	6429'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4370'	4565'	ISPF	.34"	25	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4370' - 4565'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 34,650gal 70% Slickwater N2 Foam w/ 103,397# of 20/40 Brady sand. Total N2: 1,607,300SCF.

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
N/A	11/12/2012	1hr.	→	0/boph	6/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-549psi	SI-492psi	→	0/bopd	135/mcf/d	19/ 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)

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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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	1294'	1352'	White, cr-gr ss	Ojo Alamo	1294'
Kirtland	1352'	1906'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1352'
Fruitland	1906'	2050'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	1906'
Pictured Cliffs	2050'	2203'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	2050'
Lewis	2203'	2555'	Shale w/ siltstone stringers	Lewis	2203'
Huerfano Bentonite	2555'	2974'	White, waxy chalky bentonite	Huerfano Bentonite	2555'
Chacra	2974'	3664'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	2974'
Mesa Verde	3664'	3723'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3664'
Menefee	3723'	4363'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3723'
Point Lookout	4363'	4837'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4363'
Mancos	4837'	5521'	Dark gry carb sh.	Mancos	4837'
Gallup	5521'	6348'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5521'
Greenhorn	6348'	6401'	Highly calc gry sh w/ thin lmst.	Greenhorn	6348'
Graneros	6401'	6439'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6401'
Dakota	6439'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6439'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4555

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 Kellywood Title Staff Regulatory Tech.
 Signature Arleen Kellywood Date 11/30/12

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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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

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 E (SW/NW), 2600' FNL & 270' FWL**

At top prod. interval reported below: **UNIT E (SW/NW), 2600' FNL & 270' FWL**

At total depth: **UNIT E (SW/NW), 2600' FNL & 270' FWL**

14. Date Spudded: **7/11/2012**

15. Date T.D. Reached: **7/22/2012**

16. Date Completed: D & A Ready to Prod. **11/13/2012**

17. Elevations (DF, RKB, RT, GL)*: **6174' GL / 6189' KB**

18. Total Depth: MD **6754'** TVD

19. Plug Back T.D.: MD **6685'** TVD

20. Depth Bridge Plug Set: MD **6685'** 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	230'	n/a	76sx-Pre-mix	22bbls	Surface	7bbls
8 3/4"	7" / J-55	23#	0	3889'	n/a	513sx-Premium Lite	185bbls	Surface	55bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6743'	n/a	222sx-Premium Lite	80bbls	3150'	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#, J-55	6429'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Mancos	5764'	5860'	3SPF	.34"	51	open
B) Upper Mancos	5631'	5696'	3SPF	.34"	51	
C) Total					102	
D)						

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

Depth Interval	Amount and Type of Material
5764' - 5860'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 32,254 20# 70% N2 X-Link Fluid w/ 143,640# of 20/40 Arizona sand. Total N2: 2,167,900SCF.
5631' - 5696'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 41,368 gal 20# 70% N2 Liner Gel w/ 153,442# of 20/40 Arizona sand. Total N2: 2,488,900SCF.

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
N/A	11/12/2012	1hr.	0 bbls	0/boph	7/mcf/h	trace/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-549psi	SI-492psi	0 bbls	0/bopd	164/mcf/d	9/ 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)

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BY T. Salvers

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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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Fruitland	1906'	2050'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1906'
Pictured Cliffs	2050'	2203'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2050'
Lewis	2203'	2555'	Shale w/ siltstone stringers	Lewis	2203'
Huerfanito Bentonite	2555'	2974'	White, waxy chalky bentonite	Huerfanito Bentonite	2555'
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Graneros	6401'	6439'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6401'
Dakota	6439'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6439'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

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