

RECEIVED

AMENDED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 10 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG, Field Office

5. Lease Serial No.
SF-079658, SF-080456, NM-0433

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator
Burlington Resources Oil & Gas Company

7. Unit or CA Agreement Name and No.
HUERFANO UNIT

3. Address
PO Box 4289, Farmington, NM 87499

8. Lease Name and Well No.
Huerfano Unit HZMC 1H

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

9. API Well No.
30-045-35370-00 S1

At surface
UNIT M (SW/SW), 645' FSL & 615' FWL

10. Field and Pool or Exploratory
Angel Peak Gallup

At top prod. Interval reported below
UNIT L (NW/SW), 1411' FSL & 517' FWL

11. Sec., T., R., M., on Block and Survey
SURFACE: SEC: 9, T26N, R10W
BOTTOM: SEC: 10, T26N, R10W

At total depth
UNIT L (NW/SW), 1411' FSL & 517' FWL

12. County or Parish
San Juan

13. State
New Mexico

14. Date Spudded
10/16/2012

17. Elevations (DF, RKB, RT, GL)*
6669' GL / 6684' KB

15. Date T.D. Reached
12/2/2012

16. Date Completed
 D & A Ready to Prod. 3/27/2013

18. Total Depth: MD 10958' TVD 6016'

19. Plug Back T.D.: MD 10956' TVD 6016'

20. Depth Bridge Plug Set: MD TVD

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

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" / J-55	36#	0	867'	n/a	436sx-Type I-II	97bbls	Surface	17bbls
8 3/4"	7" / L-80	26#	0	5225'	n/a	740sx-Premium Lite	267bbls	Surface	73bbls
6 1/4"	4 1/2" / P-110	11.6#	0	5147'	n/a	n/a	n/a	n/a	n/a
6 1/4"	4 1/2" / P-110	11.6#	5146'	10948'	n/a	n/a	n/a	n/a	n/a

RCVD APR 12 '13
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	6116'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Angel Peak Gallup	6606'	10812'	see attachment	3.84'	15	open
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Angel Peak Gallup	6606'	10812'	see attachment	3.84'	15	open

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

Depth Interval	Amount and Type of Material
6606' - 10812'	see attachment

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	3/25/2013	24Hr.	→	12/boph	475/mcf/h	42/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-120-psi	SI-480psi	→	12/bopd	475/mcf/d	42/ 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

APR 10 2013

NMOCDD

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	1365'	1431'	White, cr-gr ss	Ojo Alamo	1365'
Kirtland	1431'	1990'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1431'
Fruitland	1990'	1998'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1990'
Pictured Cliffs	1998'	2367'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	1998'
Lewis	2367'	2590'	Shale w/ siltstone stringers	Lewis	2367'
Huerfanito Bentonite	2590'	3081'	White, waxy chalky bentonite	Huerfanito Bentonite	2590'
Chacra	3081'	3767'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3081'
Mesa Verde	3767'	3808'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3767'
Menefee	3808'	4578'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3808'
Point Lookout	4578'	5010'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4578'
Mancos	5010'		Dark gry carb sh.	Mancos	5010'

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) Arleen White Title Staff Regulatory Tech.
 Signature Arleen White Date 4/10/13

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.

HUERFANO UNIT HZMC 1H
30-045-35370
Burlington Resources
Angel Peak Gallup

26) Perforated Intervals

Each frac sleeve is 3.84' in length @ 10812', 10584', 10351', 10041', 9725', 9409', 9102', 8833', 8518', 8205', 7888', 7575', 7308', 6914' & 6606'. Frac's start at 10812' and move uphole toward liner. 15 fracs total.

27) Frac Detail

Frac'd 1st Mancos w/ 61,236 gal 25# 70% X-Link N2 Foam w/ 94,760# 20/40 Brady Sand. Total N2: 2,239,000 SCF.
Frac'd 2nd Mancos w/ 29,022 gal 25# 70% X-Link N2 Foam w/ 108,220# 20/40 Brady Sand. Total N2: 1,395,600 SCF.
Frac'd 3rd Mancos w/ 27,090 gal 25# 70% X-Link N2 Foam w/ 95,360# 20/40 Brady Sand. Total N2: 1,241,700 SCF.
Frac'd 4th Mancos w/ 29,964 gal 25# 70% X-Link N2 Foam w/ 106,480 20/40 Brady Sand. Total N2: 1,249,100 SCF.
Frac'd 5th Mancos w/ 38,220 gal 25# 70% X-Link N2 Foam w/ 144,720# 20/40 Brady Sand. Total N2: 2,038,700 SCF.
Frac'd 6th Mancos w/ 45,528 gal 25# 70% X-Link N2 Foam w/ 120,100# 20/40 Brady Sand. Total N2: 2,082,000 SCF.
Frac'd 7th Mancos w/ 36,582 gal 25# 70% X-Link N2 Foam w/ 144,340# 20/40 Brady Sand. Total N2: 2,011,300 SCF.
Frac'd 8th Mancos w/ 34,314 gal 25# 70% X-Link N2 Foam w/ 120,078# 20/40 Brady Sand. Total N2: 1,814,900 SCF.
Frac'd 9th Mancos w/ 37,884 gal 25# 70% X-Link N2 Foam w/ 170,958# 20/40 Brady Sand. Total N2: 1,943,400 SCF.
Frac'd 10th Mancos w/ 38,892 gal 25# 70% X-Link N2 Foam w/ 164,280# 20/40 Brady Sand. Total N2: 2,032,700 SCF.
Frac'd 11th Mancos w/ 40,152 gal 25# 70% X-Link N2 Foam w/ 210,200# 20/40 Brady Sand. Total N2: 2,203,200 SCF.
Frac'd 12th Mancos w/ 51,114 gal 25# 70% X-Link N2 Foam w/ 180,135# 20/40 Brady Sand. Total N2: 2,526,500 SCF.
Frac'd 13th Mancos w/ 59,514 gal 25# 70% X-Link N2 Foam w/ 172,875# 20/40 Brady Sand. Total N2: 2,825,900 SCF.
Frac'd 14th Mancos w/ 51,954 gal 25# 70% X-Link N2 Foam w/ 202,001# 20/40 Brady Sand. Total N2: 2,977,100 SCF.
Frac'd 15th Mancos w/ 47,838 gal 25# 70% X-Link N2 Foam w/ 177,630# 20/40 Brady Sand. Total N2: 2,932,600 SCF.