

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**

1a. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease, Serial No. <b>NM-01614</b>	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Reservoir										6. If Indian, Allottee or Tribe Name	
2. Name of Operator: <b>Burlington Resources Oil &amp; Gas Company</b>										7. Unit or CA Agreement Name and No. <b>Report To Lease</b>	
3. Address: <b>PO Box 4289, Farmington, NM 87499</b>										8. Lease Name and Well No. <b>Thompson 7M</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface: <b>UNIT L (NW/SW), 2185' FSL &amp; 825' FWL</b>										9. API Well No. <b>30-045-35258 - 0012</b>	
10. Field and Pool or Exploratory: <b>Blanco Mesaverde</b>										11. Sec., T., R., M., on Block and Survey: <b>SURFACE: SEC:34, T31N, R12W</b>	
12. County or Parish: <b>San Juan</b>										13. State: <b>New Mexico</b>	
14. Date Spudded: <b>1/25/2013</b>										15. Date T.D. Reached: <b>2/15/2013</b>	
16. Date Completed: <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>04/09/2013 GRC</b>										17. Elevations (DF, RKB, RT, GL)* <b>6065' GL / 6080' KB</b>	
18. Total Depth: MD <b>6998'</b> TVD										19. Plug Back T.D.: MD <b>6990'</b> TVD	
20. Depth Bridge Plug Set: MD <b>TVD</b>										21. Type Electric & Other Mechanical Logs Run (Submit copy of each): <b>GR/CCL/CBL</b>	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)										23. Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
24. Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Cement 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	228'	n/a	76sx-Type I-II	22bbls	Surface	5bbls		
8 3/4"	7" / J-55	20# / 23#	0	4285'	n/a	566sx-Premium Lite	216bbls	Surface	67bbls		
6 1/4"	4 1/2" / L-80	11.6#	0	6993'	n/a	214sx-Premium Lite	77bbls	2830'	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	6893'	n/a									
25. Producing Intervals											
Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status					
A) Point Lookout	4754'	4948'	ISPF	34"	25	open					
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval	Amount and Type of Material										
4754' - 4948'	Frac'd w/ 34,230gals 70Q N2 Slickwater w/ 90,050# of 20/40 Arizona sand. Pumped 71bbls of foam flush. Total N2: 1,207,000SCF.										
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		
04/09/2013 GRC	4/10/2013	1hr.	0/boph	14/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-330psi	SI-430psi	0/bopd	345/mcf/d	17/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**

**NMOCD**

**MAY 07 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	656'	802'	White, cr-gr ss	Ojo Alamo	656'
Kirtland	802'	2004'	Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Kirtland	802'
Fruitland	2004'	2406'	Bn-Gry, fine grn, tight ss.	Fruitland	2004'
Pictured Cliffs	2406'	2572'	Shale w/ siltstone stringers	Pictured Cliffs	2406'
Lewis	2572'	3144'	White, waxy chalky bentonite	Lewis	2572'
Huerfano Bentonite	3144'	3476'		Huerfano Bentonite	3144'
Chacra	3476'	3978'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3476'
Mesa Verde	3978'	4124'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3978'
Menefee	4124'	4750'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4124'
Point Lookout	4750'	5170'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4750'
Mancos	5170'	6016'	Dark gry carb sh.	Mancos	5170'
Gallup	6016'	6474'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6016'
Greenhorn	6474'	6804'	Highly calc gry sh w/ thin lmst.	Greenhorn	6474'
Graneros	6804'	6866'	Dk gry shale, fossil & carb w/ pyrite incl. Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Graneros	6804'
Dakota	6866'			Dakota	6866'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

## 32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHC3623AZ.

## 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

Signature Arleen White

Title Staff Regulatory Tech.

Date 5/2/13

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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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NM-01614

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

MAY 06 2013

2. Name of Operator

Burlington Resources Oil &amp; 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 L (NW/SW), 2185' FSL &amp; 825' FWL

At top prod. Interval reported below

At total depth

14. Date Spudded

1/25/2013

15. Date T.D. Reached

2/15/2013

16. Date Completed

☐ D & A ☒ Ready to Prod.

04/10/2013 GRC

18. Total Depth:

MD

6998'

TVD

19. Plug Back T.D.:

MD

6990'

TVD

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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	228'	n/a	76sx-Type I-II	22bbls	Surface	5bbls
8 3/4"	7" / J-55	20# / 23#	0	4285'	n/a	566sx-Premium Lite	216bbls	Surface	67bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6993'	n/a	214sx-Premium Lite	77bbls	2830'	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	6893'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	6870'	6938'	2SPF	.34"	54	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6870' - 6938'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 40,446gals 70% Foam Slickwater Pad w/ 40,219# of 20/40 Arizona sand. Pumped 106bbls of fluid flush. Total N2: 2,276,000SCF.

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
04/10/2013 GRC	4/16/2013	1 hr.	→	0/boph	20/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-330psi	SI-430psi	→	0/bopd	480/mcf/d	21/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

MAY 07 2013

NMOC

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FARMINGTON FIELD OFFICE  
BY William Tamborek

PL

## 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	656'	802'	White, cr-gr ss	Ojo Alamo	656'
Kirtland	802'	2004'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	802'
Fruitland	2004'	2406'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2004'
Pictured Cliffs	2406'	2572'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2406'
Lewis	2572'	3144'	Shale w/ siltstone stringers	Lewis	2572'
Huerfano Bentonite	3144'	3476'	White, waxy chalky bentonite	Huerfano Bentonite	3144'
Chacara	3476'	3978'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	3476'
Mesa Verde	3978'	4124'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3978'
Menefee	4124'	4750'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4124'
Point Lookout	4750'	5170'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4750'
Mancos	5170'	6016'	Dark gry carb sh.	Mancos	5170'
Gallup	6016'	6474'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6016'
Greenhorn	6474'	6804'	Highly calc gry sh w/ thin linst.	Greenhorn	6474'
Graneros	6804'	6866'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6804'
Dakota	6866'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6866'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

## 32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHC3623AZ.

## 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

5/2/13

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.

(Continued on page 3)

(Form 3160-4, page 2)

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, 20101a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: \_\_\_\_\_

2. Name of Operator

Burlington Resources Oil &amp; 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 L (NW/SW), 2185' FSL &amp; 825' FWL

At top prod. Interval reported below

At total depth

14. Date Spudded

1/25/2013

15. Date T.D. Reached

2/15/2013

16. Date Completed

☐ D & A ☒ Ready to Prod.

04/10/2013 GRC

18. Total Depth:

MD

6998'

19. Plug Back T.D.:

MD

6990'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric &amp; 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
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Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
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25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
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28. Production - Interval A

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04/10/2013 GRC	4/16/2013	1hr.	→	0/boph	20/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-596psi	SI-580psi	→	0/bopd	480/mcf/d	21/ 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)

NMOCB  
FY

ACCEPTED FOR FILING

APR 25 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	
			→						

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## TO BE SOLD

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Fruitland	2004'	2406'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2004'
Pictured Cliffs	2406'	2572'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2406'
Lewis	2572'	3144'	Shale w/ siltstone stringers	Lewis	2572'
Huerfanito Bentonite	3144'	3476'	White, waxy chalky bentonite	Huerfanito Bentonite	3144'
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Dakota	6866'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6866'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

## 32. Additional remarks (include plugging procedure):

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 ☐ 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

4/24/13

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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Expires: July 31, 2010

**RECEIVED**  
**APR 24 2013**

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

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

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

3a. Phone No. (include area code): **505-336-9700**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface: **UNIT L (NW/SW), 2185' FSL & 825' FWL**  
At top prod. Interval reported below:  
At total depth:

5. Lease Serial No.: **NM-01614**

6. If Indian, Allottee or Tribe Name: \_\_\_\_\_

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

8. Lease Name and Well No.: **Thompson 7M**

9. API Well No.: **30-045-35258 - 0002**

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

11. Sec., T., R., M., on Block and Survey (SURFACE: SEC:34, T31N, R12W)

12. County or Parish: **San Juan**

13. State: **New Mexico**

14. Date Spudded: **1/25/2013**

15. Date T.D. Reached: **2/15/2013**

16. Date Completed: ☐ D & A ☒ Ready to Prod. **04/09/2013 GRC**

17. Elevations (DF, RKB, RT, GL)\*  
**6065' GL / 6080' KB**

18. Total Depth: MD **6998'** TVD \_\_\_\_\_

19. Plug Back T.D.: MD **6990'** TVD \_\_\_\_\_

20. Depth Bridge Plug Set: MD **6990'** 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	228'	n/a	76sx-Type I-II	22bbls	Surface	5bbls
8 3/4"	7" / J-55	20# / 23#	0	4285'	n/a	566sx-Premium Lite	216bbls	Surface	67bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6993'	n/a	214sx-Premium Lite	77bbls	2830'	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	6893'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4754'	4948'	ISPF	.34"	25	open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4754' - 4948'	Frac'd w/ 34,230gals 70Q N2 Stickwater w/ 90,050# of 20/40 Arizona sand. Pumped 71bbls of foam flush. Total N2: 1,207,000SCF.

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
04/09/2013 GRC	4/10/2013	1hr.	→	0/boph	14/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-596psi	SI-580psi	→	0/bopd	345/mcf/d	17/ 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)

NMOC  
AV

ACCEPTED FOR RECORD

APR 25 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	656'	802'	White, cr-gr ss	Ojo Alamo	656'
Kirtland	802'	2004'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	802'
Fruitland	2004'	2406'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2004'
Pictured Cliffs	2406'	2572'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2406'
Lewis	2572'	3144'	Shale w/ siltstone stringers	Lewis	2572'
Huerfanito Bentonite	3144'	3476'	White, waxy chalky bentonite	Huerfanito Bentonite	3144'
Chacra	3476'	3978'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3476'
Mesa Verde	3978'	4124'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3978'
Menefee	4124'	4750'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4124'
Point Lookout	4750'	5170'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4750'
Mancos	5170'	6016'	Dark gry carb sh.	Mancos	5170'
Gallup	6016'	6474'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6016'
Greenhorn	6474'	6804'	Highly calc gry sh w/ thin lmst.	Greenhorn	6474'
Graneros	6804'	6866'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6804'
Dakota	6866'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6866'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

## 32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHC3623AZ.

## 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

4/24/13

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.