Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AMENDED

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No. NM-02707

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.
Other:

MAY 15 2013
Farmington Field Office
Bureau of Land Management

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. DK-NMNM-70106

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

8. Lease Name and Well No. Tommy Bolack #1P

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

9. API Well No. 30-045-35436 -00C1

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

10. Field and Pool or Exploratory: Basin Dakota

At surface: Unit K (NE/SW), 1855' FSL & 1353' FWL,

11. Sec., T., R., M., on Block and Survey o: SURFACE & BH: SEC: 1, T30N, R12W

At top prod. Interval reported below: Unit K (NESW), 1910' FSL & 2087' FWL,

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

At total depth: Unit K (NESW), 1910' FSL & 2087' FWL,

14. Date Spudded: 3/4/2013
15. Date T.D. Reached: 3/13/2013
16. Date Completed: [ ] D & A [X] Ready to Prod. 4/25/2013
17. Elevations (DF, RKB, RT, GL)*: 5745' GL; 5760' KB

18. Total Depth: MD 6878' TVD 6763'
19. Plug Back T.D.: MD 6872' TVD 6757'
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): GR/CCL/CBL

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] 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	227'	n/a	76sx-Pre-mix	22bbls	Surface	6 bbls
8 3/4"	7" / J-55	23#	0	4184'	n/a	578 sx Premium Lite	209 bbls	Surface	73 bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6876'	n/a	205 sx Premiuim Lite	74 bbls	3450'	n/a

RCVD MAY 20 '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#, L-80	6762'	n/a						

25. Producing Intervals
26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Dakota	6694'	6786'	1SPF	.34"	29	open
B)	Dakota	6796'	6850'	2 SPF	.34"	26	open
C)	Total					55	
D)							

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

Depth Interval	Amount and Type of Material
6694' - 6850'	Acidized w/10 bbls 15% HCL; Frac'd w/39,732 gal Slickwater foam w/40,118# 20/40 AZ sand & 2,127,000 N2

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
SI	4/25/2013	1hr.	→	0.33 BOPH	31 MCFH	0.5 BWH			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 - 712 psi	SI 576 psi	→	8 BOPD	750 MCFD	12 BWD		SI waiting on ND C104

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

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

ACCEPTED FOR RECORD

MAY 16 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

NMOCD

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	818	897	White, cr-gr ss	Ojo Alamo	818
Kirltand	897	1726	Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, grn silts, light-med gry,	Kirltand	897
Fruitland	1726	2194	tight, fine gr ss.	Fruitland	1726
Pictured Cliffs	2194	2372	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2194
Lewis	2372	3396'	Shale w/ siltstone stingers	Lewis	2372
Huerfanito Bentonite	2970	n/a	White, waxy chalky bentonite	Huerfanito Bentonite	2970
Chacra	3284	3824	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3284
Mesa Verde	3824	4037	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3824
Menefee	4037	4576	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4037
Point Lookout	4576	4959	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4576
Mancos	4959	5816	Dark gry carb sh.	Mancos	4959
Gallup	5816	6582	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5816
Greenhorn	6582	6641	Highly calc gry sh w/ thin lmst.	Greenhorn	6582
Graneros	6641	6698	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6641
Dakota	6698		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6698
Morrison			nterbed grn, brn & red waxy sh & fine to coard grn s	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3766

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- [X] 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)* **Patsy Clugston** Title **Staff Regulatory Tech.**

Signature Date **5/6/2013**

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
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAY 10 2013
Farmington Field Office
Bureau of Land Management

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02707

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [X] Diff. Resvr.
Other:

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. BK - NMNM 76106

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

8. Lease Name and Well No. **Tommy Bolack #1P**

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

3a. Phone No. *(include area code)*: **(505) 326-9700**

9. API Well No. **30-045-35436 - 00C1**

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

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

At surface: **Unit K (NE/SW), 1855' FSL & 1353' FWL,**

11. Sec., T., R., M., on Block and Survey o: **SURFACE & BH: SEC: 1, T30N, R12W**

At top prod. Interval reported below: **Unit K (NESW), 1910' FSL & 2087' FWL,**

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

13. State: **New Mexico**

At total depth: **Unit K (NESW), 1910' FSL & 2087' FWL,**

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
3/4/2013	3/13/2013	[ ] D & A [X] Ready to Prod. 4/25/2013	5745' GL; 5760' KB

18. Total Depth:	MD	6878'	19. Plug Back T.D.:	MD	6872'	20. Depth Bridge Plug Set:	MD	
	TVD	6763'		TVD	6757'		TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CCL/CBL

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] 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	227'	n/a	76sx-Pre-mix	22bbls	Surface	6 bbls
8 3/4"	7" / J-55	23#	0	4184'	n/a	578 sx Premium Lite	209 bbls	Surface	73 bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6876'	n/a	205 sx Premiuim Lite	74 bbls	3450'	n/a

RCVD MAY 15 '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#, L-80	6762'	n/a						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Dakota	6694'	6786'	1SPF	.34"	29	open
B)	Dakota	6796'	6850'	2 SPF	.34"	26	open
C)	Total					55	
D)							

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

Depth Interval	Amount and Type of Material
6694' - 6850'	Acidized w/10 bbls 15% HCL; Frac'd w/39,732 gal Slickwater foam w/40,118# 20/40 AZ sand & 2,127,000 N2

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
SI	4/25/2013	1hr.	→	0.33 BOPH	31 MCFH	0.5 BWH			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 - 712 psi	SI 576 psi	→	8 BOPD	752 MCFD	12 BWD		SI waiting on ND C104

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

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

ACCEPTED FOR RECORD
MAY 13 2013
FARMINGTON FIELD OFFICE
BY William Tambekou

NMOCD
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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	818	897	White, cr-gr ss	Ojo Alamo	818
Kirltand	897	1726	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	897
Fruitland	1726	2194	Dk gry-gry carb sh, coal, grn slts, light-med gry, tight, fine gr ss.	Fruitland	1726
Pictured Cliffs	2194	2372	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2194
Lewis	2372	3396'	Shale w/ siltstone stingers	Lewis	2372
Huerfanito Bentonite	2970	n/a	White, waxy chalky bentonite	Huerfanito Bentonite	2970
Chacra	3284	3824	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3284
Mesa Verde	3824	4037	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3824
Menefee	4037	4576	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4037
Point Lookout	4576	4959	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4576
Mancos	4959	5816	Dark gry carb sh.	Mancos	4959
Gallup	5816	6582	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5816
Greenhorn	6582	6641	Highly calc gry sh w/ thin lmst.	Greenhorn	6582
Graneros	6641	6698	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6641
Dakota	6698		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6698
Morrison			nterbed grn, brn & red waxy sh & fine to coard grn s	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3766

33. Indicate which items have been attached by placing a check in the appropriate boxes:

[X] 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)* **Patsy Clugston** Title **Staff Regulatory Tech.**

Signature Patsy Clugston Date **5/10/2013**

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)

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(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
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RECEIVED
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FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-02707

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.
Other:

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. MV-NMNM 76372

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

8. Lease Name and Well No. **Tommy Bolack #1P**

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

3a. Phone No. *(include area code)*: **(505) 326-9700**

9. API Well No. **30-045-35436 - 0002**

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

At surface: **Unit K (NE/SW), 1855' FSL & 1353' FWL,**

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

11. Sec., T., R., M., on Block and Survey o: **SURFACE & BH: SEC: 1, T30N, R12W**

At top prod. Interval reported below: **Unit K (NESW), 1910' FSL & 2087' FWL,**

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

13. State: **New Mexico**

At total depth: **Unit K (NESW), 1910' FSL & 2087' FWL,**

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
3/4/2013	3/13/2013	[ ] D & A [X] Ready to Prod. 4/25/2013	5745' GL; 5760' KB

18. Total Depth:		19. Plug Back T.D.:		20. Depth Bridge Plug Set:	
MD	6878'	MD	6872'	MD	
TVD	6763'	TVD	6757'	TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): **GR/CCL/CBL**

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] 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	227'	n/a	76sx-Pre-mix	22bbls	Surface	6 bbls
8 3/4"	7" / J-55	23#	0	4184'	n/a	578 sx Premium Lite	209 bbls	Surface	73 bbls
6 1/4"	4 1/2" / L-80	11.6#	0	6876'	n/a	205 sx Premiuim Lite	74 bbls	3450'	n/a

RCVD MAY 15 '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#, L-80	6762'	n/a						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Pt Lookout	4599'	4890'	1 spf	.34"	25	open
B)	Menefee	4360'	4494'	1 spf	.34"	25	open
C)							
D)	Total Holes					50	

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

Depth Interval	Amount and Type of Material
4599' - 4890'	Acidized w/10 bbls 15% HCl; Frac - 37,800 gal slickwater foam w/101,075# 20/40 AZ sand & 1,139,000 N2
4360' - 4494'	Acidized w/10 bls 15% HCL; Frac - 23,394 gal 70% Slickwater foam w/45,667# 20/40 AZ sand & 932,000 N2

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
SI	4/22/2013	1hr.	→	0.33 BOPH	31 MCFH	0.5 BWH			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 - 712 psi	SI 576 psi	→	8 BOPD	752 MCFD	12 BWD		SI waiting on ND C104

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

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

ACCEPTED FOR RECORD
MAY 13 2013
FARMINGTON FIELD OFFICE
BY William Tambekou

NMOCD

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.

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Fruitland	1726	2194	tight, fine gr ss.	Fruitland	1726
Pictured Cliffs	2194	2372	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2194
Lewis	2372	3396'	Shale w/ siltstone stingers	Lewis	2372
Huerfanito Bentonite	2970	n/a	White, waxy chalky bentonite	Huerfanito Bentonite	2970
Chacra	3284	3824	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3284
Mesa Verde	3824	4037	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3824
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Gallup	5816	6582	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5816
Greenhorn	6582	6641	Highly calc gry sh w/ thin lmst.	Greenhorn	6582
Graneros	6641	6698	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6641
Dakota	6698		Lt to dark gry loss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6698
Morrison			nterbed grn, brn & red waxy sh & fine to coard grn s	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3766

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- [X] 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)* **Patsy Clugston** Title **Staff Regulatory Tech.**

Signature Date **5/10/2013**

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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