

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 14 2012

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG Field Office  
Bureau of Land Management

1a Type of Well  Oil Well  Gas Well  Dry  Other

b Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff Resvr.

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 I (NE/SE), 1426' FSL & 773' FEL**  
At top prod. Interval reported below **UNIT O (SW/SE), 978' FSL & 1887' FEL**  
At total depth **UNIT O (SW/SE), 978' FSL & 1887' FEL**

14. Date Spudded **11/9/2011** 15 Date T D Reached **1/12/2012** 16 Date Completed  D & A  Ready to Prod **08/24/2012 GRC**

18 Total Depth MD **7988'** TVD **7706'** 19 Plug Back T D MD **7979'** TVD **7697'** 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?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

5. Lease Serial No **SF-081240**

6 If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **Needs CA**

8 Lease Name and Well No **Horton 1B**

9. API Well No **30-045-35252-0001**

10. Field and Pool or Exploratory **BASIN DK**

11 Sec., T., R., M., on Block and Survey  
SURFACE: SEC: 35, T32N, R11W  
BOTTOM: SEC: 35, T32N, R11W

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

17 Elevations (DF, RKB, RT, GL)\*  
**6343' GL / 6358' KB**

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	5bbls
8 3/4"	7" / J-55	23#	0	3712'	2906'	559sx-Premium Lite	206bbls	Surface	84bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7987'	n/a	513sx-Premium Lite	178bbls	4500'	
						Includes Squeeze			

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	7755'	n/a						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Basin Dakota	7776'	7970'	2SPF	.34"	45	open
B)						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7776' - 7970'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 128,170gals 70% Quality N2 Slick foam w/ 37,976# of 20/40 Brown sand. Total N2:2,199,300SCF.

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
8/24/2012 GRC	8/29/2012	1hr.	→	n/a /boph	35 /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-524psi	SI-462psi	→	n/a/bopd	841/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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FARMINGTON FIELD OFFICE  
BY TL Salyers

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		0	White, cr-gr ss	Ojo Alamo	0
Kirtland		2898	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	0
Fruitland	2898	3355	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2898
Pictured Cliffs	3355	3557	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3355
Lewis	3557	4049	Shale w/ siltstone stringers	Lewis	3557
Huerfanto Bentonite	4049	4473	White, waxy chalky bentonite	Huerfanto Bentonite	4049
Chacra	4473	4874	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4473
Mesa Verde	4874	5233	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4874
Menefee	5233	5594	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5233
Point Lookout	5594	6079	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5594
Mancos	6079	6950	Dark gry carb sh	Mancos	6079
Gallup	6950	7656	Lt gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg interbed sh.	Gallup	6950
Greenhorn	7656	7713	Highly calc gry sh w/ thin lmst	Greenhorn	7656
Graneros	7713	7776	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7713
Dakota	7776		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7776
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure)

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4474.

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) Aileen Kellywood Title Staff Regulatory Tech.  
 Signature *Aileen Kellywood* Date 9/14/12

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG SEP 14 2012

5. Lease Serial No. **SF-081240**

1a Type of Well  Oil Well  Gas Well  Dry  Other **Farmington Field Office**  
 b Type of Completion.  New Well  Work Over  Deepen  Plug Back **Bureau of Land Management**

6 If Indian, Allottee or Tribe Name

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

7. Unit or CA Agreement Name and No. **NMMN-73255**

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

8 Lease Name and Well No **Horton 1B**

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

9 API Well No **30-045-35252-0003**

At surface **UNIT I (NE/SE), 1426' FSL & 773' FEL**

10. Field and Pool or Exploratory **BLANCO MESAVERDE**

At top prod Interval reported below **UNIT O (SW/SE), 978' FSL & 1887' FEL**

11 Sec, T, R, M, on Block and Survey  
SURFACE: SEC: 35, T32N, R11W  
BOTTOM: SEC: 35, T32N, R11W

At total depth **UNIT O (SW/SE), 978' FSL & 1887' FEL**

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

14. Date Spudded **11/9/2011** 15 Date T D. Reached **1/12/2012** 16 Date Completed  D & A  Ready to Prod **08/17/2012 GRC**

17 Elevations (DF, RKB, RT, GL)\*  
**6343' GL / 6358' KB**

18 Total Depth MD **7988'** TVD **7706'** 19 Plug Back T D MD **7979'** TVD **7697'** 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?  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" / I-40	32.3#	0	230'	n/a	76sx-Pre-mix	22bbls	Surface	5bbls
8 3/4"	7" / J-55	23#	0	3712'	2906'	55sx-Premium Lite	206bbls	Surface	84bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7987'	n/a	513sx-Premium Lite	178bbls	4500'	
						Includes Squeeze			

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	7755'	n/a						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Pt. Lookout	5600'	6060'	ISPF	.34"	23	open
B) Menefec	5250'	5544'	ISPF	.34"	19	open
C) Cliffhouse	4994'	5200'	ISPF	.34"	19	open
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5600' - 6060'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 29,316gals 70% Quality N2 Slickwater w/ 61,306# of 20/40 Brown sand. Total N2:1,119,000SCF.
5250' - 5544'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 28,056gals 70% Quality N2 Slickwater w/ 49,903# of 20/40 Brown sand. Total N2:1,144,000SCF.
4994' - 5200'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 34,818gals 70% Quality N2 Slickwater w/ 100,001# of 20/40 Brown sand.

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
8/17/2012 GRC	8/29/2012	1hr.	→	n/a /boph	35 /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-524psi	SI-462psi	→	n/a/bopd	851mcf/d	14/ 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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SEP 27 2012

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FARMINGTON FIELD OFFICE  
BY T.L. Solares

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		0	White, cr-gr ss	Ojo Alamo	0
Kirtland		2898	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	0
Fruitland	2898	3355	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2898
Pictured Cliffs	3355	3557	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3355
Lewis	3557	4049	Shale w/ siltstone stringers	Lewis	3557
Huerfanito Bentonite	4049	4473	White, waxy chalky bentonite	Huerfanito Bentonite	4049
Chacra	4473	4874	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4473
Mesa Verde	4874	5233	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4874
Menefee	5233	5594	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5233
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Gallup	6950	7656	Lt gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh	Gallup	6950
Greenhorn	7656	7713	Highly calc gry sh w/ thin lmst	Greenhorn	7656
Graneros	7713	7776	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7713
Dakota	7776		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7776
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure)

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Name (please print) Arlene Kellywood Title Staff Regulatory Tech.  
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

SEP 14 2012

5 Lease Serial No  
**SF-081240**

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 b Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.  
 Other: \_\_\_\_\_  
 Farmington Field Office  
Bureau of Land Management

6. If Indian, Allottee or Tribe Name  
7 Unit or CA Agreement Name and No  
1. **Needs CA**

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

8 Lease Name and Well No  
**Horton 1B**

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

9 API Well No  
**30-045-35252-0002**

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 At top prod. Interval reported below **UNIT O (SW/SE), 978' FSL & 1887' FEL**  
 At total depth **UNIT O (SW/SE), 978' FSL & 1887' FEL**

10 Field and Pool or Exploratory  
**BASIN MANCOS**  
11 Sec, T, R, M, on Block and Survey  
SURFACE: SEC: 35, T32N, R11W  
BOTTOM: SEC: 35, T32N, R11W  
12 County or Parish **San Juan** 13. State **New Mexico**

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**6343' GL / 6358' KB**

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22 Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

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**GR/CCL/CBL**

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8 3/4"	7" / J-55	23#	0	3712'	2906'	559sx-Premium Lite	206bbls	Surface	84bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7987'	n/a	513sx-Premium Lite	178bbls	4500'	
						Includes Squeeze			

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	7755'	n/a						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Lower Mancos	7036'	7230'	3SPF	.34"	45	open
B) Middle Mancos	6820'	6970'	3SPF	.34"	48	open
C) Upper Mancos	6600'	6710'	3SPF	.34"	42	open
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7036' - 7230'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 19,992gals 25# X-Link Pad w/ 144,816 gals slickwater w/ 96,601# of 40/70 Mesh sand.
6820 - 6970'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 19,992gals 25# X-Link Pad w/ 112,098 gals slickwater w/ 81,727# of 40/70 Mesh sand.
6600' - 6710'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 19,992gals 25# X-Link Pad w/ 127,344 gals slickwater w/ 79,536# of 40/70 Mesh sand.

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
8/20/2012 GRC	8/29/2012	1hr.	→	n/a /boph	12 /mcf/hr	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-524psi	SI-462psi	→	n/a/bopd	283/mcf/d	4/ 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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SEP 27 2012

FARMINGTON FIELD OFFICE  
BY TL Solters

NMOCD PV

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)

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Fruitland	2898	3355	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2898
Pictured Cliffs	3355	3557	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3355
Lewis	3557	4049	Shale w/ siltstone stringers	Lewis	3557
Huerfanto Bentonite	4049	4473	White, waxy chalky bentonite	Huerfanto Bentonite	4049
Chacra	4473	4874	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4473
Mesa Verde	4874	5233	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4874
Menefee	5233	5594	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5233
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Gallup	6950	7656	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6950
Greenhorn	7656	7713	Highly calc gry sh w/ thin lmst	Greenhorn	7656
Graneros	7713	7776	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7713
Dakota	7776		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7776
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32 Additional remarks (include plugging procedure)

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4474.

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

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  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) Aileen Kellywood Title Staff Regulatory Tech  
 Signature *Aileen Kellywood* Date 9/14/12

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.