Form 3160-4
(August 2007)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 04 2012

Bureau of Land Management
Farmington Field Office

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No: NM-03566

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: Report to lease

2. Name of Operator: ConocoPhillips Company

8 Lease Name and Well No: STEWART LS 8N

3 Address: PO Box 4289, Farmington, NM 87499

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

9. API Well No: 30-045-35330-0051

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

At surface: UNIT F (SE/NW), 1599, FNL & 1788' FWL, SEC 28, T30N, R10W

10 Field and Pool or Exploratory: BASIN DK

11 Sec , T , R , M , on Block and Survey or Area: SEC 28, T30N, R10W

At top prod Interval reported below: UNIT D (NW/NW), 1272, FNL & 970' FWL, SEC. 28, T30N, R10W

12 County or Parish: San Juan

13. State: New Mexico

At total depth: SAME AS ABOVE

14. Date Spudded	15. Date T.D. Reached	16 Date Completed	17 Elevations (DF, RKB, RT, GL)*
4/4/2012	4/26/2012	[ ] D & A [X] Ready to Prod. 8/8/12 GRC	GL 6317' KB 6332'

18. Total Depth.	MD 7505' TVD 7364'	19 Plug Back T D	MD 7501' TVD 7360'	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	356'		102 sx Premix	29 bbls	Surface	8 bbls
8 3/4"	7", J-55	23#	0	4958'		712 sx Prem Lt	257 bbls	Surface	80 bbls
6 1/4"	4 1/2" L-80	11 6#	0	7502'		215 sx Prem Lt	78 bbls	2610'	N/A

RCVD SEP 13 '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#, L-80	7389'	n/a						

25 Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A)	Dakota	7348'	7456'	2 SPF	34" diam	52	Open
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7348' - 7456'	Acidize w/ 10bbls 15% HCL Acid Frac w/ 152,586 gal 70Q N2 Slickfoam w/ 42,175# 20/40 Brown Sand
	Total NW 2,712,000 scf

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
08/08/12 GRC	8/15/2012	1	→	0	43 mcf/h	Trace			FLOWING ✓

Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
1/2"	665	665	→	0	1023 mcfd	10 bwpd		SI ✓

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)

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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.)*

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	1534'	1686'	White, cr-gr ss	Ojo Alamo	1534'
Kirltand	1686'	2613'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirltand	1686'
Fruitland	2613'	2949'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2613'
Pictured Cliffs	2949'	3111'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2949'
Lewis	3111'	3712'	Shale w/ siltstone stingers	Lewis	3111'
Huerfanito Bentonite	3712'	3744'	White, waxy chalky bentonite	Huerfanito Bentonite	3712'
Chacra	3744'	4653'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3744'
Mesa Verde	4653'	4774'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4653'
Menefee	4774'	5278'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4774'
Point Lookout	5278'	5658'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5278'
Mancos	5658'	6344'	Dark gry carb sh.	Mancos	5658'
Gallup	6344'	7238'	Lt gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg interbed sh.	Gallup	6344'
Greenhorn	7238'	7295'	Highly calc gry sh w/ thin lmst	Greenhorn	7238'
Graneros	7295'	7345'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7295'
Dakota	7345'	7505'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7345'
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 Mancos, Basin Dakota comingle under DHC 4539

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)* Tamra Sessions Title Staff Reg Tech

Signature Tamra Sessions Date 8-31-12

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

(Continued on page 3)

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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-03566

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: Report to lease

2 Name of Operator: ConocoPhillips Company

8 Lease Name and Well No.: STEWART LS 8N

3 Address: PO Box 4289, Farmington, NM 87499

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

9. API Well No.: 30-045-35330-00C2

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

At surface: UNIT F (SE/NW), 1599, FNL & 1788' FWL, SEC 28, T30N, R10W

10 Field and Pool or Exploratory: BASIN MC

11 Sec , T , R , M , on Block and Survey or Area: SEC 28, T30N, R10W

At top prod Interval reported below: UNIT D (NW/NW), 1272, FNL & 970' FWL, SEC. 28, T30N, R10W

12 County or Parish: San Juan

13 State: New Mexico

At total depth: SAME AS ABOVE

14 Date Spudded	15 Date T D Reached	16. Date Completed	17 Elevations (DF, RKB, RT, GL)*
4/4/2012	4/26/2012	[ ] D & A [X] Ready to Prod 8/3/12 GRC	GL 6317' KB 6332'

18 Total Depth	19. Plug Back T D	20. Depth Bridge Plug Set.
MD 7505'	MD 7501'	MD
TVD 7364'	TVD 7360'	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	356'		102 sx Premix	29 bbls	Surface	8 bbls
8 3/4"	7", J-55	23#	0	4958'		712 sx Prem Lt	257 bbls	Surface	80 bbls
6 1/4"	4 1/2" L-80	11 6#	0	7502'		215 sx Prem Lt	78 bbls	2610'	N/A

RCVD SEP 10 '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#, L-80	7389'	n/a						

25. Producing Intervals / 26 Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A)	Lower Mancos	6640'	6747'	3 SPF	34" diam	60	Open
B)	Upper Mancos	6488'	6572	3 SPF	34" diam	60	Open
C)							
D)							

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

Depth Interval	Amount and Type of Material
6640' - 6747'	Acidize w/ 10bbls 15% HCL Acid Frac w/ 30,000 gal 25# X-Link Pad w/ 156,954 gal slickwater w/ 101,097# 40/70 Mesh Sand
6488' - 6572'	Acidize w/ 10bbls 15% HCL Acid Frac w/ 19,992 gal 25# X-Link Pad w/ 89,082 gal slickwater w/ 46,645# 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
08/03/12 GRC	8/15/2012	1	→	0	24mcf/h	Trace			FLOWING ✓

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
1/2"	665	665	→	0	572 mcfd	10 bwpd		SI ✓

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
			→					

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*(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.)*

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	1534'	1686'	White, cr-gr ss	Ojo Alamo	1534'
Kirltand	1686'	2613'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirltand	1686'
Fruitland	2613'	2949'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2613'
Pictured Cliffs	2949'	3111'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2949'
Lewis	3111'	3712'	Shale w/ siltstone stingers	Lewis	3111'
Huerfanito Bentonite	3712'	3744'	White, waxy chalky bentonite	Huerfanito Bentonite	3712'
Chacra	3744'	4653'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3744'
Mesa Verde	4653'	4774'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4653'
Menefee	4774'	5278'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4774'
Point Lookout	5278'	5658'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5278'
Mancos	5658'	6344'	Dark gry carb sh.	Mancos	5658'
Gallup	6344'	7238'	Lt gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6344'
Greenhorn	7238'	7295'	Highly calc gry sh w/ thin lmst	Greenhorn	7238'
Graneros	7295'	7345'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7295'
Dakota	7345'	7505'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7345'
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 Mancos, Basin Dakota comingle under DHC 4539.

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)* Tamra Sessions Title Staff Reg Tech

Signature Tamra Sessions Date 8-31-12

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

(Continued on page 3)

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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-03566

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [ ] 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. Report to lease

2. Name of Operator: **ConocoPhillips Company**

8. Lease Name and Well No. STEWART LS 8N

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

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

9. API Well No. 30-045-35330-00C3

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

At surface: UNIT F (SE/NW), 1599, FNL & 1788' FWL, SEC. 28, T30N, R10W

10. Field and Pool or Exploratory: BLANCO MV

11. Sec., T., R., M., on Block and Survey or Area: SEC. 28, T30N, R10W

At top prod Interval reported below: UNIT D (NW/NW), 1272, FNL & 970' FWL, SEC. 28, T30N, R10W

At total depth: SAME AS ABOVE

12. County or Parish: San Juan

13. State: New Mexico

14. Date Spudded: 4/4/2012

15. Date T.D. Reached: 4/26/2012

16. Date Completed: [ ] D & A [X] Ready to Prod. 8/3/12 GRC

17. Elevations (DF, RKB, RT, GL)*: GL 6317' KB 6332'

18. Total Depth: MD 7505' TVD 7364'

19. Plug Back T.D: MD 7501' TVD 7360'

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	356'		102 sx Premix	29 bbls	Surface	8 bbls
8 3/4"	7", J-55	23#	0	4958'		712 sx Prem Lt	257 bbls	Surface	80 bbls
6 1/4"	4 1/2" L-80	11 6#	0	7502'		215 sx Prem Lt	78 bbls	2610'	N/A

RCVD SEP 13'12
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#, L-80	7389'	n/a						

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Point Lookout	5282'	5626'	1 SPF	.34" diam	25	Open
B)	Menefee	4990'	5196'	1 SPF	.34" diam	25	Open
C)							
D)	Total Holes					50	

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

Depth Interval	Amount and Type of Material
5282' - 5626	Acidize w/ 10bbls 15% HCL Acid. Frac w/ 124,880 gal 70Q N2 Slickfoam w/ 100,229# 20/40 Brown Sand
	Total NW: 1,347,800 scf
4990' - 5196'	Acidize w/ 10bbls 15% HCL Acid Frac w/ 69,384 gal 70Q N2 Slickfoam w/ 53,231# 20/40 Brown Sand
	Total NW 1,106,700 scf.

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
08/03/12 GRC	8/15/2012	1	→	0	17 mcf/h	Trace			FLOWING
Choke Size	**Tbg. Press. Flwg SI**	**Csg Press**	**24 Hr Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
1/2"	665	665	→	0	408 mcf/d	5 bwpd		SI	

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**	
			→						

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FARMINGTON FIELD OFFICE
BY TL Salyers

*(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.)*

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	1534'	1686'	White, cr-gr ss	Ojo Alamo	1534'
Kirltand	1686'	2613'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirltand	1686'
Fruitland	2613'	2949'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2613'
Pictured Cliffs	2949'	3111'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2949'
Lewis	3111'	3712'	Shale w/ siltstone stingers	Lewis	3111'
Huerfanito Bentonite	3712'	3744'	White, waxy chalky bentonite	Huerfanito Bentonite	3712'
Chacra	3744'	4653'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3744'
Mesa Verde	4653'	4774'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4653'
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Mancos	5658'	6344'	Dark gry carb sh.	Mancos	5658'
Gallup	6344'	7238'	Lt gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6344'
Greenhorn	7238'	7295'	Highly calc gry sh w/ thin lmst	Greenhorn	7238'
Graneros	7295'	7345'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7295'
Dakota	7345'	7505'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands/ cly Y shale breaks	Dakota	7345'
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 Mancos, Basin Dakota comingle under DHC 4539.

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)* Tamra Sessions Title Staff Reg Tech

Signature Tamra Sessions Date 8-31-12

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