

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 07 2012

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well		<input type="checkbox"/> Oil Well	<input checked="" type="checkbox"/> Gas Well	<input type="checkbox"/> Dry	<input type="checkbox"/> Other				
b. Type of Completion:		<input checked="" type="checkbox"/> New Well	<input type="checkbox"/> Work Over	<input type="checkbox"/> Deepen	<input type="checkbox"/> Plug Back				
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 E (SW/NW), 1813' FNL & 961' FWL At top prod. Interval reported below UNIT C (NE/NW), 720' FNL & 1825' FWL At total depth UNIT C (NE/NW), 720' FNL & 1825' FWL									
14. Date Spudded 7/31/2012		15. Date T.D. Reached 9/3/2012		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/19/2012 GRS					
18. Total Depth: MD 7973' TVD 7679'		19. Plug Back T.D.: MD 7970' TVD 7676'		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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" 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 Cementer Depth	No. of Sk. & 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	6bbls
8 3/4"	7" / J-55	23#	0	4462'	3240'	614sx-Premium Lite	225bbls	Surface	67bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7972'	n/a	248sx-Premium Lite	89bbls	2400'	n/a
						RCVD DEC 18 '12			
						THI CONS. DIV.			
24. Tubing Record						DIST 8			
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	7873'	n/a							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
B) Lower Dakota	7858'	7948'	2SPF		.34"	42	open		
C) Upper Dakota	7752'	7832'	1SPF		.34"	18	open		
D) Total						660			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
7752' - 7948'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 115,920gals 70Q Slick foam w/ 39,584# of 20/40 Brown sand. Pumped 117bbls of fluid. Total N2: 2,440,100SCF.							
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
11/19/2012 GRC	11/21/2012	1hr.	0/boph	53/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-974psi	SI-885psi	0/bopd	1273/mcf/d	31/ 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 T. SalyersNMOC
N

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	2748'	2866'	White, cr-gr ss	Ojo Alamo	2748'
Kirtland	2866'	3218'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2866'
Fruitland	3218'	3470'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3218'
Pictured Cliffs	3470'	3590'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3470'
Lewis	3590'	4470'	Shale w/ siltstone stringers	Lewis	3590'
Chacra	4470'	5058'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4470'
Mesa Verde	5058'	5303'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5058'
Menefee	5303'	5690'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5303'
Point Lookout	5690'	6166'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5690'
Mancos	6166'	6896'	Dark gry, carb sh.	Mancos	6166'
Gallup	6896'	7639'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6896'
Greenhorn	7639'	7706'	Highly calc gry sh w/ thin lmst.	Greenhorn	7639'
Graneros	7706'	7745'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7706'
Dakota	7745'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7745'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4516.

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 Kellywood

Title

Staff Regulatory Tech.

Signature

Arleen Kellywood

Date

12/7/12

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.

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 07 2012

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Bureau of Land Management

5. Lease Serial No.

SF-079365

1a. 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 & 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 E (SW/NW), 1813' FNL & 961' FWL

At top prod. Interval reported below

UNIT C (NE/NW), 720' FNL & 1825' FWL

At total depth

UNIT C (NE/NW), 720' FNL & 1825' FWL

14. Date Spudded

7/31/2012

15. Date T.D. Reached

9/3/2012

16. Date Completed

☐ D & A☒ Ready to Prod.

11/19/2012 GRS

18. Total Depth:

MD

7973'

19. Plug Back T.D.:

MD

7970'

20. Depth Bridge Plug Set:

MD

TVD

7679'

TVD

7676'

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 Sk. & 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	6bbls
8 3/4"	7" / J-55	23#	0	4462'	3240'	614sx-Premium Lite	225bbls	Surface	67bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7972'	n/a	248sx-Premium Lite	89bbls	2400'	n/a

ROVD DEC 19 '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	7873'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5694'	5896'	1SPF	.34"	19	open
B) Lower Menefee	5540'	5682'	1SPF	.34"	6	open
C) Upper Menefee	5336'	5436'	1SPF	.34"	5	open
D) Cliffhouse	5070'	5298'	1SPF	.34"	20	open
D) TOTAL					50	

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

Depth Interval	Amount and Type of Material
5540' - 5896'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 114,100gal 70Q N2 Slickfoam w/ 103,662# of 20/40 Brown sand. Pumped 85bbls of fluid. Total N2: 1,493,300SCF.
5070' - 5436'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 109,760gal 70Q N2 Slickfoam w/ 95,164# of 20/40 Brown sand. Pumped 75bbls of fluid. Total N2: 1,399,300SCF.

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
11/19/2012 GRC	11/21/2012	1hr.	→	trace/boph	38/mcf/h	2/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-974psi	SI-885psi	→	0/bopd	905/mcf/d	38/ bwph	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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NMOC

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DEC 15 2012

FARMINGTON FIELD OFFICE
BY J. Salazar

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	2748'	2866'	White, cr-gr ss	Ojo Alamo	2748'
Kirtland	2866'	3218'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2866'
Fruitland	3218'	3470'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3218'
Pictured Cliffs	3470'	3590'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3470'
Lewis	3590'	4470'	Shale w/ siltstone stringers	Lewis	3590'
Chacra	4470'	5058'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4470'
Mesa Verde	5058'	5303'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5058'
Menefee	5303'	5690'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5303'
Point Lookout	5690'	6166'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5690'
Mancos	6166'	6896'	Dark gry carb sh.	Mancos	6166'
Gallup	6896'	7639'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6896'
Greenhorn	7639'	7706'	Highly calc gry sh w/ thin lmst.	Greenhorn	7639'
Graneros	7706'	7745'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7706'
Dakota	7745'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7745'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4516.

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 Kellywood

Title

Staff Regulatory Tech.

Signature

Arleen Kellywood

Date

12/7/12

PC

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

DEC 07 2012

5. Lease Serial No.

SF-079365

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐ Plug Back ☐ Diff. Resrv.
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ OtherFarmington Field Office
Bureau of Land Management6. If Indian, Allottee or Tribe Name
Report to lease7. Unit or CA Agreement Name and No.
SAN JUAN 28-6 UNIT

2. Name of Operator

Burlington Resources Oil & Gas Company

8. Lease Name and Well No.

San Juan 28-6 Unit 181P

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-039-31090-0002

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

At surface

UNIT E (SW/NW), 1813' FNL & 961' FWL

At top prod. Interval reported below

UNIT C (NE/NW), 720' FNL & 1825' FWL

At total depth

UNIT C (NE/NW), 720' FNL & 1825' FWL

14. Date Spudded

7/31/2012

15. Date T.D. Reached

9/3/2012

16. Date Completed

☐ D & A ☒ Ready to Prod.

11/19/2012 GRS

17. Elevations (DF, RKB, RT, GL)*

6482' GL / 6497' KB

18. Total Depth:

MD

TVD

7973'

7679'

19. Plug Back T.D.:

MD

TVD

7970'

7676'

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" / H-40	32.3#	0	230'	n/a	76sx-Pre-mix	22bbls	Surface	6bbls
8 3/4"	7" / J-55	23#	0	4462'	3240'	614sx-Premuim Lite	225bbls	Surface	67bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7972'	n/a	248sx-Premuim Lite	89bbls	2400'	n/a

RCUP DEC 18 '12
OIL CONS. DIV.
DIST. 5

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	7873'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	6900'	7100'	3SPF @ each footage	.34"	6	open
A) Lower Mancos	7040'	7180'	3SPF	.34"	57	open
B) Upper Mancos	6770'	6950'	3SPF	.34"	51	open
D) TOTAL					114	

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

Depth Interval	Amount and Type of Material
7040' - 7180'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 152,888gal 70Q 25# Gel Foam w/ 104,247# of 20/40 Brown sand. Pumped 108bbls fluid flush. Total N2: 2,977,500SCF.
6770' - 6950'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 154,140gal 70Q 25# Gel Foam w/ 100,103# of 20/40 Brown sand. Pumped 102bbls fluid flush. Total N2: 3,311,800SCF.

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
11/19/2012 GRC	11/21/2012	1hr.	→	0/boph	30/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-974psi	SI-885psi	→	0/bopd	714/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)

ACCEPTED FOR RECORD

DEC 15 2012

NMOCD
AVFARMINGTON FIELD OFFICE
BY T. Sellers

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	2748'	2866'	White, cr-gr ss	Ojo Alamo	2748'
Kirtland	2866'	3218'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2866'
Fruitland	3218'	3470'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3218'
Pictured Cliffs	3470'	3590'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3470'
Lewis	3590'	4470'	Shale w/ siltstone stringers	Lewis	3590'
Chacra	4470'	5058'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4470'
Mesa Verde	5058'	5303'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5058'
Menefee	5303'	5690'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5303'
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Greenhorn	7639'	7706'	Highly calc gry sh w/ thin lmst.	Greenhorn	7639'
Graneros	7706'	7745'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7706'
Dakota	7745'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7745'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Dakota & Basin Mancos commingle well under DHC4516.

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 Kellywood

Title

Staff Regulatory Tech.

Signature

Arleen Kellywood

Date

12/2/12

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.