

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

RECEIVED

## 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		5 Lease Serial No <b>SF-079403</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 Resrv		6 If Indian, Allottee or Tribe Name <b>SAN JUAN 27-5 UNIT</b>							
2 Name of Operator <b>Farmington Field Office</b>		7 Unit or CA Agreement Name and No <b>SAN JUAN 27-5 UNIT</b>							
3 Address <b>Bureau of Land Management PO Box 4289, Farmington, NM 87499</b>		8 Lease Name and Well No <b>SAN JUAN 27-5 UNIT 128N</b>							
3a Phone No (include area code) <b>(505) 326-9700</b>		9 API Well No <b>30-039-30611</b>							
4 Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT I (NE/SE), 1509' FSL &amp; 940' FEL</b>  At top prod Interval reported below <b>UNIT I (NE/SE), 1270' FSL &amp; 937' FEL</b>  At total depth <b>UNIT I (NE/SE), 1270' FSL &amp; 937' FEL</b>		10 Field and Pool or Exploratory <b>BASIN DK</b>							
14 Date Spudded <b>5/25/2012</b>		15 Date T D Reached <b>6/11/2012</b>							
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>8/29/2012 GRC</b>		17 Elevations (DF, RKB, RT, GL)* <b>6542' GL / 6557' KB</b>							
18 Total Depth MD <b>7740'</b> TVD <b>7727'</b>		19 Plug Back T D MD <b>7736'</b> TVD <b>7723'</b>							
20 Depth Bridge Plug Set. MD TVD		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) 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 Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	231'	n/a	76sx-Pre-Mix Cmt	22bbls	Surface	6bbls
8 3/4"	7" / J-55	20#	0	3524'	2971'	538sx-Premium Lite	202bbls	Surface	79bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7737'	n/a	297sx-Premium Lite	106bbls	2460'	n/a
24. Tubing Record				25 Producing Intervals					
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	7634'	n/a							
26 Perforation Record									
Formation	Top	Bottom	Perforated Interval		Size	No Holes	Perf Status		
A) Upper Dakota	7616'	7652'	2SPF		.34"	24	open		
B) Upper Dakota	7490	7607	1SPF		.34"	26	open		
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
7490' - 7652'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 141,106gals 70% Quality N2 Slick foam pad w/ 41,828# of 20/40 Brown sand. Total N2:2,672,500SCF.							
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
8/29/2012 GRC	8/31/2012	1hr.	→	n/a /boph	15/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-1090psi	SI-973psi	→	n/a/bopd	371/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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## 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	2678'	2868'	White, cr-gr ss	Ojo Alamo	2678'
Kirtland	2868'	3095'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2868'
Fruitland	3095'	3299'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	3095'
Pictured Cliffs	3299'	3446'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3299'
Lewis	3446'	N/A	Shale w/ siltstone stringers	Lewis	3446'
Huerfano Bentonite	N/A	4272'	White, waxy chalky bentonite	Huerfano Bentonite	N/A
Chacra	4272'	4860'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4272'
Mesa Verde	4860'	5078'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4860'
Menefee	5078'	5494'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5078'
Point Lookout	5494'	5946'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5494'
Mancos	5946'	6612'	Dark gry carb sh.	Mancos	5946'
Gallup	6612'	7403'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6612'
Greenhorn	7403'	7464'	Highly calc gry sh w/ thin lmst	Greenhorn	7403'
Graneros	7464'	7487'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7464'
Dakota	7487'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7487'
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 Mancos & Basin Dakota commingle well under DHC4515.

## 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

9/24/12

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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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

SF-079403

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 <b>Burlington Resources Oil &amp; Gas Company</b>									
3. Address <b>PO Box 4289, Farmington, NM 87499</b>			3a. Phone No (include area code) <b>(505) 326-9700</b>						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT I (NE/SE), 1509' FSL &amp; 940' FEL</b>  At top prod Interval reported below <b>UNIT I (NE/SE), 1270' FSL &amp; 937' FEL</b>  At total depth <b>UNIT I (NE/SE), 1270' FSL &amp; 937' FEL</b>									
14. Date Spudded <b>5/25/2012</b>		15. Date T D Reached <b>6/11/2012</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>8/23/2012 GRC</b>					
18. Total Depth MD <b>7740'</b> TVD <b>7727'</b>		19. Plug Back T D MD <b>7736'</b> TVD <b>7723'</b>		20. Depth Bridge Plug Set MD TVD					
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) 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 Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	231'	n/a	76sx-Pre-Mix Cmt	22bbls	Surface	6bbls
8 3/4"	7" / J-55	20#	0	3524'	2971'	538sx-Premium Lite	202bbls	Surface	79bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7737'	n/a	297sx-Premium Lite	106bbls	2460'	n/a
						ROUND OCT 3 12			
						OIL CONS. DIV.			
						OCT 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#, J-55	7634'	n/a							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Point Lookout	5304'	5878'	1SPF	.34"	25	open			
B) Upper Menefee/CH	4871'	5252'	1SPF	.34"	25	open			
C) Lewis	4338'	4766'	1SPF	.34"	25	open			
D) TOTAL HOLES					75				
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
5304' - 5878'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 121,744gals 70% Quality N2 Slickfoam w/ 99,790# of 20/40 Brown sand. Total N2:1,422,500SCF.							
4871' - 5252'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 69,384gals 70% Quality N2 Slickfoam w/ 100,829# of 20/40 Brown sand. Total N2:1,312,400SCF.							
4338' - 4766'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 99,321gals 70% Quality N2 Visco Elastic/Foam w/ 50,496# of 20/40 Brown sand. Total N2:1,434,500SCF.							
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
8/23/2012 GRC	8/31/2012	1hr.		n/a / boph	61/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-1090psi	SI-973psi		n/a/bopd	1456/mcf/d	12/ 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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## 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.)

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## 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	2678'	2868'	White, cr-gr ss	Ojo Alamo	2678'
Kirtland	2868'	3095'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2868'
Fruitland	3095'	3299'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	3095'
Pictured Cliffs	3299'	3446'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3299'
Lewis	3446'	N/A	Shale w/ siltstone stringers	Lewis	3446'
Huerfanto Bentonite	N/A	4272'	White, waxy chalky bentonite	Huerfanto Bentonite	N/A
Chacra	4272'	4860'	Gry fn grn silty, glauconitic sd stone w/ dk gry shale	Chacra	4272'
Mesa Verde	4860'	5078'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4860'
Menefee	5078'	5494'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5078'
Point Lookout	5494'	5946'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5494'
Mancos	5946'	6612'	Dark gry carb sh	Mancos	5946'
Gallup	6612'	7403'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6612'
Greenhorn	7403'	7464'	Highly calc gry sh w/ thin lmst	Greenhorn	7403'
Graneros	7464'	7487'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7464'
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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)

Arleen Kellywood

Title

Staff Regulatory Tech.

Signature

Date

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18 Total Depth MD <b>7740'</b> TVD <b>7727'</b>		19 Plug Back T D MD <b>7736'</b> TVD <b>7723'</b>		20 Depth Bridge Plug Set MD TVD					
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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	231'	n/a	76sx-Pre-Mix Cmt	22bbls	Surface	6bbls
8 3/4"	7" / J-55	20#	0	3524'	2971'	538sx-Premuim Lite	202bbls	Surface	79bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7737'	n/a	297sx-Premuim Lite	106bbls	2460'	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	7634'	n/a							
25 Producing Intervals						26 Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Mancos	6710'	6915'	3SPF @ each footage	.34"	6	open			
B) Lower Mancos	6754'	6918'	3SPF	.34"	54	open			
C) Upper Mancos	6510'	6710'	3SPF	.46"	11	open			
D) TOTAL HOLES					71				
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
6754' - 6918'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 141,596gals 70% Quality N2 20# X-Link foam w/ 150,414# of 20/40 Brown sand. Total N2:2,154,800SCF.							
6510' - 6710'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 141,400gals 70% Quality N2 20# X-Link foam w/ 154,557# of 20/40 Brown sand. Total N2:2,172,500SCF.							
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
8/27/2012 GRC	8/31/2012	1hr.		n/a /boph	12/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-1090psi	SI-973psi		n/a/bopd	297/mcf/d	11/ 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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## 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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## 31. Formation (Log) Markers

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					Meas. Depth
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Kirtland	2868'	3095'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2868'
Fruitland	3095'	3299'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss	Fruitland	3095'
Pictured Cliffs	3299'	3446'	Bn-Gry, fine gm, tight ss	Pictured Cliffs	3299'
Lewis	3446'	N/A	Shale w/ siltstone stringers	Lewis	3446'
Huerfanto Bentonite	N/A	4272'	White, waxy chalky bentonite	Huerfanto Bentonite	N/A
Chacra	4272'	4860'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4272'
Mesa Verde	4860'	5078'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4860'
Menefee	5078'	5494'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5078'
Point Lookout	5494'	5946'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5494'
Mancos	5946'	6612'	Dark gry carb sh	Mancos	5946'
Gallup	6612'	7403'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6612'
Greenhorn	7403'	7464'	Highly calc gry sh w/ thin lmst	Greenhorn	7403'
Graneros	7464'	7487'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7464'
Dakota	7487'		Lt to dark gry foss carb sl calc sl stty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7487'
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 Mancos &amp; Basin Dakota commingle well under DHC4515.

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

9/24/12

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.