

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

FEB 28 2013

5. Lease Serial No. **SF-078049**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. **Report To Lease**

8. Lease Name and Well No. **Hughes A 6N**

9. API Well No. **30-045-35360 -0001**

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

11. Sec., T., R., M., on Block and Survey **SURFACE: SEC: 29, T29N, R8W
BOTTOM: SEC: 33, T29N, R8W**

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

14. Date Spudded **10/11/2012** 15. Date T.D. Reached **11/30/2012** 16. Date Completed D & A Ready to Prod. **02/01/2013 GRC**

17. Elevations (DF, RKB, RT, GL)* **6327' GL / 6342' KB**

18. Total Depth: MD **7742'** TVD **7389'** 19. Plug Back T.D.: MD **7709'** TVD **7356'** 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	348'	n/a	101sx-Pre-mix	29bbbls	Surface	6bbbls
8 3/4"	7" / J-55	23#	0	4718'	2719'	640sx-Premuim Lite	233bbbls	Surface	71bbbls
6 1/4"	4 1/2" / L-80	11.6#	0	7730'	n/a	236sx-Premuim Lite	85bbbls	3280'	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#, L-80	7605'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	7482'	7682'	2SPF	.34"	28	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7482' - 7682'	Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 140,210gals 70Q N2 Slick foam w/ 41,024# of 20/40 Brown sand. Pumped 116bbbls of fluid. Total N2: 2,585,500SCF.

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
02/01/2013 GRC	2/12/2013	1hr.	→	0/boph	8/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-433psi	SI-377psi	→	0/boph	197/mcf/d	1/ 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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FEB 28 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

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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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	1944'	2070'	White, cr-gr ss	Ojo Alamo	1944'
Kirtland	2070'	2733'	Gry sh interbedded w/ tight, gry, fine-gr ss.	Kirtland	2070'
Fruitland	2733'	3078'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2733'
Pictured Cliffs	3078'	3284'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3078'
Lewis	3284'	3284'	Shale w/ siltstone stringers	Lewis	3284'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	0
Chacara	4130'	4732'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	4130'
Mesa Verde	4732'	4967'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4732'
Menefee	4967'	5405'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4967'
Point Lookout	5405'	5846'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5405'
Mancos	5846'	6628'	Dark gry carb sh.	Mancos	5846'
Gallup	6628'	7368'	Lt. gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh.	Gallup	6628'
Greenhorn	7368'	7429'	Highly calc gry sh w/ thin lmst.	Greenhorn	7368'
Graneros	7429'	7480'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7429'
Dakota	7480'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7480'
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 DHC3714AZ.

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 White Title Staff Regulatory Tech.
 Signature Arleen White Date 2/28/13

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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FORM APPROVED
OMB No. 1004-0137
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **SF-078049**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. **Report To Lease**

8. Lease Name and Well No. **Hughes A 6N**

9. API Well No. **30-045-35360 -0022**

10. Field and Pool or Exploratory Basin **Mancos**

11. Sec., T., R., M., on Block and Survey
**SURFACE: SEC: 29, T29N, R8W
BOTTOM: SEC: 33, T29N, R8W**

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

14. Date Spudded **10/11/2012** 15. Date T.D. Reached **11/30/2012** 16. Date Completed D & A Ready to Prod. **02/01/2013 GRC**

17. Elevations (DF, RKB, RT, GL)* **6327' GL / 6342' KB**

18. Total Depth: MD **7742'** TVD **7389'** 19. Plug Back T.D.: MD **7709'** TVD **7356'** 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	348'	n/a	101sx-Pre-mix	29bbls	Surface	6bbls
8 3/4"	7" / J-55	23#	0	4718'	2719'	640sx-Premium Lite	233bbls	Surface	71bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7730'	n/a	236sx-Premium Lite	85bbls	3280'	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#, L-80	7605'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Mancos	6742'	6952'	3SPF	.34"	63	open
B) Upper Mancos	6506'	6702'	3SPF	.34"	63	open
C) TOTAL					126	
D)						

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

Depth Interval	Amount and Type of Material
6742' - 6952'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 123,074gals 70Q 25# Gel Foam w/ 122,723# of 20/40 Brown sand. Total N2: 1,937,600SCF.
6506' - 6702'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 138,460 gal 70Q 25# Gel Foam w/ 153,188# of 20/40 Brown sand. Pumped 101bbls fluid flush. Total N2: 2,055,700SCF.

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
02/01/2013 GRC	2/12/2013	1hr.	0 bbls/hr	0/boph	3/mcf/h	0/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-433psi	SI-377psi	0 bbls/hr	0/bopd	75/mcf/d	0/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			0 bbls/hr						

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

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FARMINGTON FIELD OFFICE
BY William Tambekar

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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	1944'	2070'	White, cr-gr ss	Ojo Alamo	1944'
Kirtland	2070'	2733'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2070'
Fruitland	2733'	3078'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2733'
Pictured Cliffs	3078'	3284'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3078'
Lewis	3284'	3284'	Shale w/ siltstone stringers	Lewis	3284'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	0
Chacra	4130'	4732'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4130'
Mesa Verde	4732'	4967'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4732'
Menefee	4967'	5405'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4967'
Point Lookout	5405'	5846'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5405'
Mancos	5846'	6628'	Dark gry carb sh.	Mancos	5846'
Gallup	6628'	7368'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6628'
Greenhorn	7368'	7429'	Highly calc gry sh w/ thin Imst.	Greenhorn	7368'
Graneros	7429'	7480'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7429'
Dakota	7480'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7480'
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 DHC3714AZ.

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 White Title Staff Regulatory Tech.
 Signature Arleen White Date 2/28/13

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 28 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No. **SF-078049**

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

6. Indian, Allottee or Tribe Name

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

7. Unit or CA Agreement Name and No. **Report To Lease**

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

8. Lease Name and Well No. **Hughes A 6N**

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

9. API Well No. **30-045-35360 -00C3**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: **UNIT M (SWSW), 890' FSL & 740' FWL**
 At top prod. interval reported below: **UNIT D (NW/NW), 734' FNL & 720' FWL**
 At total depth: **UNIT D (NW/NW), 734' FNL & 720' FWL**

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

11. Sec., T., R., M., on Block and Survey
 SURFACE: SEC: 29, T29N, R8W
 BOTTOM: SEC: 33, T29N, R8W

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

14. Date Spudded: **10/11/2012** 15. Date T.D. Reached: **11/30/2012** 16. Date Completed: D & A Ready to Prod. **01/31/2013 GRC**

17. Elevations (DF, RKB, RT, GL)*
6327' GL / 6342' KB

18. Total Depth: MD **7742'** TVD **7389'** 19. Plug Back T.D.: MD **7709'** TVD **7356'** 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 Skis. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	348'	n/a	101sx-Pre-mix	29bbls	Surface	6bbls
8 3/4"	7" / J-55	23#	0	4718'	2719'	640sx-Premium Lite	233bbls	Surface	71bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7730'	n/a	236sx-Premium Lite	85bbls	3280'	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#, L-80	7605'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5416'	5838'	ISPF	.34"	25	open
B) Menefee	5006'	5354'	ISPF	.34"	25	open
C) Cliffhouse	4738'	4960'	ISPF	.34"	25	open
D) TOTAL					75	

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

Depth Interval	Amount and Type of Material
5416' - 5838'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 131,250 gals 70Q Slickfoam w/ 110,323# of 20/40 Brown sand. Pumped 84bbls fluid flush. Total N2: 1,416,700SCF.
5006' - 5354'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 90,258 gal 70Q Slick foam w/ 51,879# of 20/40 Brown sand. Pumped 77bbls foam fluid. Total N2: 1,102,400SCF.
4738' - 4960'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 116,032 gal 70Q Slick foam w/ 110,892# of 20/40 Brown sand. Pumped 75bbls foam fluid. Total N2: 1,217,200SCF.

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
01/31/2013 GRC	2/12/2013	1hr.	0/boph	0/boph	17/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-433psi	SI-377psi	0/bopd	0/bopd	408/mcf/d	1/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
			0/bopd	0/bopd	408/mcf/d	1/bwpd	n/a		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		0/bopd						

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

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FARMINGTON FIELD OFFICE
BY William Tambekou

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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):

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Fruitland	2733'	3078'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2733'
Pictured Cliffs	3078'	3284'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3078'
Lewis	3284'	3284'	Shale w/ siltstone stringers	Lewis	3284'
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra	4130'	4732'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4130'
Mesa Verde	4732'	4967'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4732'
Menefee	4967'	5405'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4967'
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Gallup	6628'	7368'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6628'
Greenhorn	7368'	7429'	Highly calc gry sh w/ thin lmst.	Greenhorn	7368'
Graneros	7429'	7480'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7429'
Dakota	7480'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7480'
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 DHC3714AZ.

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Name (please print) Arleen White Title Staff Regulatory Tech.
 Signature Arleen White Date 2/28/13

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