

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 MAY 30 2012

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>I-149-IND-8468</b>	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resv.		6. If Indian, Allottee or Tribe Name <b>NAVAJO</b>	
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>		7. Unit or CA Agreement Name and No.	
3. Address <b>PO Box 4289, Farmington, NM 87499</b>		8. Lease Name and Well No. <b>Navajo B #6N</b>	
3a. Phone No. (include area code) <b>(505) 326-9700</b>		9. API Well No. <b>30-045-34444-0002</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit K (NESW), 1785' FSL &amp; 1675' FWL</b>  At top prod. Interval reported below <b>Same As Above</b>  At total depth <b>Same As Above</b>		10. Field and Pool or Exploratory <b>Basin Mancos</b> 11. Sec., T, R, M, on Block and Survey or Area <b>Sec. 19, T27N, R8W</b> 12. County or Parish <b>San Juan</b> 13. State <b>New Mexico</b>	
14. Date Spudded <b>1/20/2012</b>	15. Date T D Reached <b>3/9/2012</b>	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>5/10/2012</b>	17. Elevations (DF, RKB, RT, GL)* <b>GL-6,033' / KB-6,048'</b>
18. Total Depth MD <b>6,643'</b> TVD	19. Plug Back T D MD <b>6,637'</b> TVD	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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	

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	227'	n/a	76 sx Pre-mix	22 bbls	Surface	7 bbls
8 3/4"	7" J-55	20#	0	3,810'	n/a	500 sx Prem Lt.	180 bbls	Surface	60 bbls
6 1/4"	4 1/2" L-80	11.6#	0	6,638'	n/a	220 sx Prem Lt.	79 bbls	2,620'	

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	6,549'	n/a						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Mancos	5,690'	5,840'	3 SPF	.34" diam	45	Open
B) Upper Mancos	5,518'	5,630'	3 SPF	.34" diam	45	Open
C) Total Holes					90	
D) Total Holes						

Depth Interval	Amount and Type of Material
Lower Mancos - 5,690' - 5,840'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 112,690 gal 25# X-Linked GW w/ 118,500 # 20/40 Brady Sand and 33,280# 16/30 Brady Sand.
Upper Mancos - 5,518' - 5,630'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 103,530 gal 25# S-Linked GW w/ 118,010# 20/40 Brady Sand and 27,140# 16/30 Brady Sand.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/10/2012	5/10/2012	1	→	0	2mcf/h	Trace			FLOWING
Choke Size	Tbg. Press Flwg SI	Csg. Press SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	829psi	690psi	→	0	42mcf/d	3bwpd			SI

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 SI	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
			REFLECT						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			REFLECT						

  

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
			REFLECT						
Choke Size	Tbg. Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			REFLECT						

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	1,228'	1,306'	White, cr-gr ss	Ojo Alamo	1,228'
Kirtland	1,306'	1,758'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	1,306'
Fruitland	1758'	2075'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1758'
Pictured Cliffs	2075'	2230'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2075'
Lewis	2230'	2951'	Shale w/ siltstone stringers	Lewis	2230'
			White, waxy chalky bentonite		0
Chacara	2951'	3639'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	2951'
Mesa Verde	3639'	3726'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3639'
Menefee	3726'	4328'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3726'
Point Lookout	4328'	4742'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4328'
Mancos	4742'	5512'	Dark gry carb sh.	Mancos	4742'
Gallup	5512'	6302'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5512'
Greenhorn	6302'	6357'	Highly calc gry sh w/ thin lmst	Greenhorn	6302'
Graneros	6357'	6402'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	6357'
Dakota	6402'	6643'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6402'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure)

This is a Blanco Mesa Verde, Basin Mancos, & Basin Dakota being commingled by DHC Order # 4488.

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)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature

*Denise Journey*

Date

5/24/2012

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

Farmington Field Office  
Bureau of Land Management

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>I-149-IND-8468</b>							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name <b>Navajo</b>							
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>		7. Unit or CA Agreement Name and No.							
3. Address <b>PO Box 4289, Farmington, NM 87499</b>		8. Lease Name and Well No. <b>Navajo B 6N</b>							
3a. Phone No. (include area code) <b>(505) 326-9700</b>		9. API Well No. <b>30-045-34444-0061</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT K (NESW), 1785' FSL &amp; 1675' FWL</b>  At top prod. Interval reported below <b>Same as Above</b>  At total depth <b>Same as Above</b>		10. Field and Pool or Exploratory <b>BASIN DAKOTA</b>							
14. Date Spudded <b>1/20/2012</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 19, T27N, R8W</b>							
15. Date T.D. Reached <b>3/9/2012</b>		12. County or Parish <b>San Juan</b>							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>5/10/2012</b>		13. State <b>New Mexico</b>							
17. Elevations (DF, RKB, RT, GL)* <b>GL-6,033' / KB-6048'</b>									
18. Total Depth: MD <b>6,643'</b> TVD		19. Plug Back T.D.: MD <b>6,637'</b> TVD							
20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)							
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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)									
GR/CCL/CBL									
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	227'	n/a	76 sx Pre-mix	22 bbls	Surface	7 bbls
8 3/4"	7" J-55	20#	0	3,810'	n/a	500 sx Prem Lt.	180 bbls	Surface	60 bbls
6 1/4"	4 1/2" L-80	11.6#	0	6,638'	n/a	220 sx Prem Lt.	79 bbls	2,620'	
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	6,549'	n/a							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Basin Dakota	6,406'	6,512'	1 SPF	.34" diam	15 holes	Open			
B)	6,530'	6,610'	2 SPF	.34" diam	34 holes	Open			
C)									
D) Total Holes					49				
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
6,406' - 6,610'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 205,520 gal 85Q N2 Slickfoam w/ 25,360# 20/40 Brady Sand.								
	Total N2: 4,536,800 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
5/10/2012	5/10/2012	1	→	0	32mcf/h	1bwp/h			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	829psi	690psi	→	0	774mcf/d	33bwp/d			RCVD JUN 5 '12 OIL CONS. DIV.
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
			→						DIST. 2
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						ACCEPTED FOR RECORD MAY 30 2012

\*(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	1228'	1306'	White, cr-gr ss	Ojo Alamo	1228'
Kirtland	1306'	1758'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	1306'
Fruitland	1758'	2075'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1758'
Pictured Cliffs	2075'	2230'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2075'
Lewis	2230'	2951'	Shale w/ siltstone stringers	Lewis	2230'
			White, waxy chalky bentonite		0
Chacara	2951'	3639'	Gry fin grn silty, glauconitic sd stone w/ drk gry shale	Chacara	2951'
Mesa Verde	3639'	3726'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3639'
Menefee	3726'	4328'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3726'
Pont Lookout	4328'	4742'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Pont Lookout	4328'
Mancos	4742'	5512'	Dark gry carb sh	Mancos	4742'
Gallup	5512'	6302'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh.	Gallup	5512'
Greenhorn	6302'	6357'	Highly calc gry sh w/ thin lmst.	Greenhorn	6302'
Graneros	6357'	6402'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	6357'
Dakota	6402'	6643'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6402'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure)

This is a Blanco Mesa Verde, Basin Mancos, Basin Dakota being commingled by DHC Order # 4488.

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)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature

Date

5/24/2012

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

I-149-IND-8468

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Bureau of Land Management		6 Self Indian, Allottee or Tribe Name	
b Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,		NAVAJO	
Other		7 Unit or CA Agreement Name and No	
2. Name of Operator		8 Lease Name and Well No	
Burlington Resources Oil & Gas Company		Navajo B 6N	
3. Address		9 API Well No	
PO Box 4289, Farmington, NM 87499		30-045-34444-DOC 3	
3a. Phone No. (include area code)		10. Field and Pool or Exploratory	
(505) 326-9700		BLANCO MESA VERDE	
4 Location of Well (Report location clearly and in accordance with Federal requirements)*		11. Sec, T, R, M, on Block and Survey or Area	
At surface UNIT K (NESW), 1785' FSL & 1675' FWL		Sec. 19, T27N, R8W	
At top prod. Interval reported below SAME AS ABOVE		12. County or Parish	
At total depth SAME AS ABOVE		San Juan	
14 Date Spudded		13 State	
1/20/2012		New Mexico	
15 Date T D Reached		16 Date Completed	
3/9/2012		5/10/2012	
16 Date Completed		17 Elevations (DF, RKB, RT, GL)*	
<input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.		GL-6,033' / KB-6,048'	
18. Total Depth: MD 6,643' TVD		19 Plug Back T D MD 6,637' TVD	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each)	
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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		GR/CCL/CBL	

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	227'	n/a	76 sx Pre-mix	22 bbls	Surface	7 bbls
8 3/4"	7" J-55	20#	0	3,810'	n/a	500 sx Prem Lt	180 bbls	Surface	60 bbls
6 1/4"	4 1/2" L-80	11.6#	0	6,638'	n/a	220 sx Prem Lt	79 bbls	2,620'	

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	6,549'	n/a							

25. Producing Intervals				26 Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status	
A) Blanco Mesa Verde	4,204'	4,730'	1 SPF	.34" diam	27 holes	Open	
B)							
C)							
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, etc		Amount and Type of Material	
Depth Interval			
4,204' - 4,730'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 106,120 gal 70Q N2 Slickfoam w/ 98,920# 20/40 Brady Sand.		
	Total N2: 1,184,700scf		

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
5/10/2012	5/10/2012	1	→	0	10 mcf/h	Trace			FLOWING
Choke Size	Tbg. Press Flwg. SI	Csg Press SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI	SI	→	0	239mcf/d	11bwpd		SI	RCVD JUN 5 '12 OIL CONS. DIV.

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.)

## 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

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					Meas. Depth
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Kirtland	1,306'	1,758'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	1,306'
Fruitland	1758'	2075'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1758'
Pictured Cliffs	2075'	2230'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	2075'
Lewis	2230'	2951'	Shale w/ siltstone stringers	Lewis	2230'
			White, waxy chalky bentonite		0
Chacra	2951'	3639'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2951'
Mesa Verde	3639'	3726'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3639'
Menefee	3726'	4328'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3726'
Point Lookout	4328'	4742'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4328'
Mancos	4742'	5512'	Dark gry carb sh	Mancos	4742'
Gallup	5512'	6302'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5512'
Greenhorn	6302'	6357'	Highly calc gry sh w/ thin lmst	Greenhorn	6302'
Graneros	6357'	6402'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	6357'
Dakota	6402'	6643'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6402'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure)

This is a Blanco Mesa Verde, Basin Mancos, &amp; Basin Dakota being commingled by DIIC Order # 4488.

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)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature

Date

5/24/2012

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.