

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

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-080244</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. Resvr.,						6. If Indian, Allottee or Tribe Name			
Other: _____						7. Unit or CA Agreement Name and No.			
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>						8. Lease Name and Well No. <b>Florance 2M</b>			
3. Address <b>PO Box 4289, Farmington, NM 87499</b>				3a. Phone No. (include area code) <b>(505) 326-9700</b>		9. API Well No. <b>30-045-35566</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* <b>Unit J (NWSE), 1531' FSL &amp; 1330' FEL,</b>  <b>At surface</b> <b>Unit P (SESE), 762' FSL &amp; 771' FEL</b>  <b>At top prod. Interval reported below</b> <b>Unit P (SESE), 762' FSL &amp; 771' FEL</b>  <b>At total depth</b>						10. Field and Pool or Exploratory <b>Basin Dakota</b>			
						11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 21, T30N, R9W</b>			
						12. County or Parish <b>San Juan</b>		13. State <b>New Mexico</b>	
						17. Elevations (DF, RKB, RT, GL)* <b>5954' GL / 5971' KB</b>			
14. Date Spudded <b>1/20/2015</b>		15. Date T.D. Reached <b>2/20/2015</b>		16. Date Completed <b>3/26/15 GRS</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					
18. Total Depth: <b>7396' MD / 7251' TVD</b>		19. Plug Back T.D.: <b>MD - 7385' / 7240' TVD</b>		20. Depth Bridge Plug Set: <b>MD</b> <b>TVD</b>					
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	229'	n/a	110 Prem Lite	32	0	0
8-3/4"	7", J-55	23#	0	4008'	2571	569 Prem Lite	209	0	40
6-1/4"	4-1/2", L-80	11.6#	0	7394'	n/a	302 Prem Lite	108	1400'	
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"	7268'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Basin Dakota		7178	7336	7178' - 7336'		.28"	46	open	
B)				(see completion detail report for more detail)					
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
7178' - 7336'		Acidized - 10 bbls 15% HCl; Frac'd w/939 bbls 70 Q N2 foam w/60,004# 20/40 AZ sand & 2,148 mscf N2							
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
3/26/2015	3/30/2015	1		trace	39	trace			flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	348 #	369 #		2	924	1		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
									OIL CONS. DIV DIST. 3
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI								APR 07 2015	

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

2

4

## 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.)

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	1518	1641	White, cr-gr ss		1518
Kirtland	1642	2439	Gry sh interbedded w/tight, gry, fine-gr ss.		1642
Fruitland	2440	2783	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		2440
Pictured Cliffs	2784	2964	Bn-Gry, fine grn, tight ss.		2784
Lewis	2965	3528	Shale w/ siltstone stringers		2965
Huerfano Bentonite	3529	3809	White, waxy chalky bentonite		3529
Chacra	3810	4333	Gry fn grn silty, glauconitic sd stone w/ drk gry shale		3810
Mesa Verde	4334	4621	Light gry, med-fine gr ss, carb sh & coal		4334
Menefee	4622	5069	Med-dark gry, fine gr ss, carb sh & coal		4622
Point Lookout	5070	5419	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation		5070
Mancos	5420	6332	Dark gry carb sh.		5420
Gallup	6333	7065	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.		6333
Greenhorn	7066	7119	Highly calc gry sh w/ thin lmst.		7066
Graneros	7120	7162	Dk gry shale, fossil & carb w/ pyrite incl.		7120
Dakota	7163	7396	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks		7163
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC 3926 AZ.

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)\*

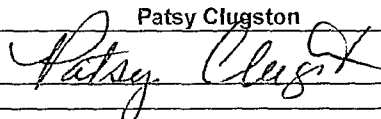
Name (please print)

Patsy Clugston

Title

Staff Regulatory Technician

Signature



Date

4/2/2015

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

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

**SF-080244**

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

Other:

2. Name of Operator

**Burlington Resources Oil & Gas Company**

8. Lease Name and Well No.

**Florance 2M**

3. Address

**PO Box 4289, Farmington, NM 87499**

3a. Phone No. (include area code)

**(505) 326-9700**

9. API Well No.

**30-045-35566**

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

**Unit J (NWSE), 1531' FSL & 1330' FEL,**

At surface

**Unit P (SESE), 762' FSL & 771' FEL**

At top prod. Interval reported below

**Unit P (SESE), 762' FSL & 771' FEL**

At total depth

14. Date Spudded

**1/20/2015**

15. Date T.D. Reached

**2/20/2015**

16. Date Completed

**3/26/15 GRS**

☐ D & A

☒ Ready to Prod.

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

**5954' GL / 5971' KB**

18. Total Depth:

**7396' MD**

**/ 7251' TVD**

19. Plug Back T.D.:

**MD - 7385'**

**/ 7240' TVD**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8" H-40	32.3#	0	229'	n/a	110 Prem Lite	32	0	0
8-3/4"	7" J-55	23#	0	4008'	2571	569 Prem Lite	209	0	40
6-1/4"	4-1/2" L-80	11.6#	0	7394'	n/a	302 Prem Lite	108	1400'	

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"	7268'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pt Lookout	5078'	5376'	5078' - 5376'	.34"	25	open
B) Menefee	4678'	5018'	4678' - 5018'	.34"	25	open
C) Cliffhouse	4336'	4620'	4336' - 4620'	.34"	25	open
D)						

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

Depth Interval	Amount and Type of Material
5078' - 5376'	Acidized w/10 bbls 15% HCL; Frac'd w/798 bbls 70 Q N2 foam w/89,574 # 20/40 AZ sand & 1,179 mscf N2
4678' - 5018'	Acidized w/10 bbls 15% HCL; Frac'd w/665 bbls 70 Q N2 foam w/50,207# 20/40 AZ sand & 873 mscf N2
4336' - 4620'	Acidized w/10 bbls 15% HCL; Frac'd w/771 bbls 70 Q N2 foam w/90,912# 20/40 AZ sand & 1,0073 mscf N2

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
3/26/2015	3/30/2015	1		trace	3	trace			flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	348 #	369 #		trace	80	3		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.	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)

4

## 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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29. Disposition of Gas (Solid, used for fuel, vented, etc.)

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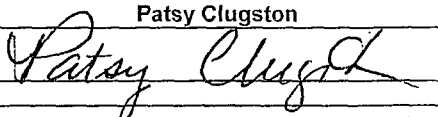
Name (please print)

Patsy Clugston

Title

Staff Regulatory Technician

Signature



Date

4/2/2015

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