

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

OCT 19 2012

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 <input type="checkbox"/> Diff Resrv				
Farmingtton Field Office Bureau of Land Management									
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 O (SW/SE), 775' FSL & 1535' FEL At top prod. Interval reported below UNIT I (NE/SE), 1969' FSL & 729' FEL At total depth UNIT I (NE/SE), 1969' FSL & 729' FEL									
14 Date Spudded 6/21/2012		15 Date T D Reached 7/8/2012		16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 10/01/2012 GRC					
18 Total Depth MD 7847' TVD 7547'		19 Plug Back T D MD 7839' TVD 7539'		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 Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	226'	n/a	76xx-Type III	22bbls	Surface	5bbls
8 3/4"	7" / J-55	23#	0	4539'	3180'	618xx-Premium Lite	226bbls	Surface	85bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7844'	n/a	235xx-Premium Lite	85bbls	3300'	n/a
						RCUD OCT 29 '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	7737'	n/a							
25 Producing Intervals						26 Perforation Record			
Formation	Top	Bottom	Perforated Interval		Size	No Holes	Perf Status		
A) Lower Dakota	7756'	7829'	2SPF		.34"	26	open		
B) Upper Dakota	7658'	7742'	1SPF		.34"	18	open		
C) Total Holes						44			
D)									
27 Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
7658' - 7829'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 120,260 gals 70Q Slick foam w/ 39,340# of 20/40 Brown sand. Pumped 115bbls of fluid. Total N2:2,381,340SCF.							
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
10/01/2012 GRC	10/4/2012	1hr.	→	n/a /boph	29/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-597psi	SI-569psi	→	n/a/bopd	707/mcf/d	2/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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OCT 25 2012

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FARMINGTON FIELD OFFICE
BY T. Salazar

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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	2128'	2379'	White, cr-gr ss	Ojo Alamo	2128'
Kirtland	2379'	3040'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2379'
Fruitland	3040'	3288'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	3040'
Pictured Cliffs	3288'	3509'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3288'
Lewis	3509'	4100'	Shale w/ siltstone stringers	Lewis	3509'
Huerfano Bentonite	4100'	4346'	White, waxy chalky bentonite	Huerfano Bentonite	4100'
Chacra	4346'	4883'	Gry fin grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4346'
Mesa Verde	4883'	5187'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4883'
Menefee	5187'	5551'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5187'
Point Lookout	5551'	5990'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5551'
Mancos	5990'	6803'	Dark gry carb sh	Mancos	5990'
Gallup	6803'	7541'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6803'
Greenhorn	7541'	7594	Highly calc gry sh w/ thin lmst	Greenhorn	7541'
Graneros	7594	7656'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7594
Dakota	7656'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7656'
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 DHC4495.

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

10/18/12

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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BUREAU OF LAND MANAGEMENT

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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 O (SW/SE), 775' FSL & 1535' FEL At top prod Interval reported below UNIT I (NE/SE), 1969' FSL & 729' FEL At total depth UNIT I (NE/SE), 1969' FSL & 729' FEL									
14. Date Spudded 6/21/2012		15. Date T D Reached 7/8/2012		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 09/27/2012 GRC					
18. Total Depth		MD 7847'	19. Plug Back T D	MD 7839'	20. Depth Bridge Plug Set				
		TVD 7547'		TVD 7539'	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 Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	226'	n/a	76sx-Type III	22bbls	Surface	5bbls
8 3/4"	7" / J-55	23#	0	4539'	3180'	618sx-Premium Lite	226bbls	Surface	85bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7844'	n/a	235sx-Premium Lite	85bbls	3300'	n/a
						RCVD OCT 29 '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	7737'	n/a							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Point Lookout / LMF	5352'	5860'	ISPF	.34"	23	open			
B) Cliffhouse / UMF	4886'	5284'	ISPF	.34"	24	open			
C) Total Holes					47				
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
5352' - 5860'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 117,320gals 70Q N2 Slick foam w/ 107,702# of 20/40 Brown sand. Pumped 82bbls of fluid. Total N2:1,479,500SCF.							
4886' - 5284'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 105,700 gal 70Q Slick foam w/ 108,187# of 20/40 Brown sand. Pumped 72bbls of fluid. Total N2:1,313,700SCF.							
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
09/27/2012 GRC	10/4/2012	1hr.	→	n/a/boph	32/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-597psi	SI-569psi	→	n/a/bopd	756/mcf/d	7/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	SI		→						

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

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BY T. Salyers

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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	2128'	2379'	White, cr-gr ss	Ojo Alamo	2128'
Kirtland	2379'	3040'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2379'
Fruitland	3040'	3288'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	3040'
Pictured Cliffs	3288'	3509'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3288'
Lewis	3509'	4100'	Shale w/ siltstone stringers	Lewis	3509'
Huerfano Bentonite	4100'	4346'	White, waxy chalky bentonite	Huerfano Bentonite	4100'
Chacra	4346'	4883'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4346'
Mesa Verde	4883'	5187'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4883'
Menefee	5187'	5551'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5187'
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Mancos	5990'	6803'	Dark gry carb sh	Mancos	5990'
Gallup	6803'	7541'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh	Gallup	6803'
Greenhorn	7541'	7594'	Highly calc gry sh w/ thin lmst	Greenhorn	7541'
Graneros	7594'	7656'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7594'
Dakota	7656'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7656'
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 DHC495.

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

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3 Address PO Box 4289, Farmington, NM 87499			3a Phone No (include area code) (505) 326-9700						
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18 Total Depth MD 7847' TVD 7547'		19 Plug Back T D MD 7839' TVD 7539'		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	226'	n/a	76sx-Type III	22bbls	Surface	5bbls
8 3/4"	7" / J-55	23#	0	4539'	3180'	618sx-Premium Lite	226bbls	Surface	85bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7844'	n/a	235sx-Premium Lite	85bbls	3300'	n/a
24. Tubing Record						RCVD OCT 29 '12 OIL CONS. DIV. DIST. 3			
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	7737'	n/a							
25 Producing Intervals						26 Perforation Record			
Formation	Top	Bottom	Perforated Interval		Size	No Holes	Perf Status		
A) Lower Mancos	6946'	7082'	3SPF		.34"	39	open		
B) Upper Mancos	6668'	6868'	3SPF		.34"	51	open		
C) Mancos	6711'		3SPF @ each hole		.40"	3	open		
D) Mancos	7014'		3SPF @ each hole		.40"	3	open		
E) Total Holes						96			
27 Acid, Fracture, Treatment, Cement Squeeze, etc						Amount and Type of Material			
Depth Interval		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 4,200gal of 25# X-Link Gel Pre-Pad w/ 151,760 gal 70Q 25# Gel Foam w/ 99,622# of 20/40 Brown sand. Pumped 7bbls of fluid. Total N2:3,125,800SCF.							
6946' - 7082'									
6668' - 6868'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 4,370gal of 25# X-Link Gel Pre-Pad w/ 145,040 gal 70Q 25# Gel Foam w/ 85,369# of 20/40 Brown sand. Pumped 83bbls of fluid. Total N2:3,007,000SCF.							
28 Production - Interval A						Production Method			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
09/28/2012 GRC	10/4/2012	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-597psi	SI-569psi	→	n/a/bopd	359/mcf/d	3/ bwpd	n/a		SHUT IN
28a Production - Interval B						Production Method			
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

OCT 25 2012

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FARMINGTON FIELD OFFICE
BY T. Salyers

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

TO BE SOLD

30. Summary of Porous Zones (Include Aquifers)				31. Formation (Log) Markers	
<p>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.</p>					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	2128'	2379'	White, cr-gr ss	Ojo Alamo	2128'
Kirtland	2379'	3040'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2379'
Fruitland	3040'	3288'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	3040'
Pictured Cliffs	3288'	3509'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3288'
Lewis	3509'	4100'	Shale w/ siltstone stringers	Lewis	3509'
Huerfano Bentonite	4100'	4346'	White, waxy chalky bentonite	Huerfano Bentonite	4100'
Chacra	4346'	4883'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4346'
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Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32 Additional remarks (include plugging procedure):

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- ☐ Sundry Notice for plugging and cement verification
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 ☐ Other:

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Name (please print)

Arleen Kellywood

Title

Staff Regulatory Tech

Signature

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Date

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