

Current Wellbore Diagram: RGU 44-26-198
Last Updated: 6/29/2018

Well	Pad	EU	API
RGU 44-26-198	RGU 42-26-198 PAD	62380836	05-103-11982
Land Owner	First Sales	Location	Initial Cleanout
Federal	5/20/2016	LOT 8 26 1S98W 6	
Top Perf	Bottom Perf	Current EOT	EOT %
10,147	12,689	12,412	89.1%
Bottom Cond Csg	Bottom Surf Csg	Bottom Prod Csg	
66	4,065	12,838	
Average Inc	Float Collar	TOC	
6.2	12,807	6,516	

Stages & Perf Intervals		Formation Tops		Wellbore Detail
				18" 47.4# Csg @ 66' Hole Size: 30" Cement: 31 sks DV Tool @ 1,838' Cement: 810 sks
				9-5/8" 36# Csg @ 4,065' Hole Size: 14-3/4" Cement: 835 sks TOC 6,516
		Wasatch	6,013'	
		Ohio Creek	7,702'	
		MV-WMFK	7,968'	
10,147	10,358			
10,386	10,539			
10,571	10,715			
10,738	10,865			
10,889	11,030			
11,078	11,236			
11,272	11,396			
11,447	11,571			
11,928	12,088	Rollins	11,639'	
		Cozzette	11,763'	
		Corcoran	11,983'	
12,115	12,307			
12,348	12,491			
12,522	12,689			
		Sego	12,369'	
				2-3/8" N-80 4.7# Tbg Set @ 12,412'
				4-1/2" 11.6# Csg @ 12,838' Hole Size: 7-3/4" Cement: 1,920 sks
		TD:	12,848'	

Proposed Wellbore Diagram: RGU 44-26-198
Last Updated: 6/29/2018

Well	Pad	EU	API
RGU 44-26-198	RGU 42-26-198 PAD	62380836	05-103-11982
Land Owner	First Sales	Location	Initial Cleanout
Federal	5/20/2016	LOT 8 26 1S98W 6	
Top Perf	Bottom Perf	Proposed EOT	EOT %
10,147	12,689	12,412	89%
Bottom Cond Csg	Bottom Surf Csg	Bottom Prod Csg	
66	4,065	12,838	
Average Inc	Float Collar	TOC	
6.2	12,807	6,516	

Stages & Perf Intervals	Formation Tops	Wellbore Detail
		18" 47.4# Csg @ 66' Hole Size: 30" Cement: 31 sks DV Tool @ 1,838' Cement: 810 sks
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	Wasatch 6,013'	TOC 6,516
	Ohio Creek 7,702' MV-WMFK 7,968'	
9,091		
10,047		
10,147 10,358		
10,386 10,539		
10,571 10,715		
10,738 10,865		
10,889 11,030		
11,078 11,236	Cameo 11,041'	
11,272 11,396		
11,447 11,571	Rollins 11,639'	
11,928 12,088	Cozzette 11,763'	
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12,115 12,307		2-3/8" N-80 4.7# Tbg Set @ 12,412'
12,348 12,491	Sego 12,369'	
12,522 12,689		4-1/2" 11.6# Csg @ 12,838' Hole Size: 7-3/4" Cement: 1,920 sks
	TD: 12,848'	

Added Perfs (Proposed 4 stages, all Mesa Verde Formation)

Existing Perfs



RGU 44-26-198

Well name: RGU 44-26-198

Location: LOT 8 26 1S98W 6

Field: RYAN GULCH

API: 05-103-11982

Prepared By: Jon McDonald **Date:** 6/29/2018

Mobile phone: 970-319-8377

office phone: 832-726-1177

Surface Casing: 9.625 Pipe size (inches)

36.0 Pipe Weight (ppf)

J-55 Grade

4,065 Depth

Production Casing: 4.5 Pipe size (inches)

11.60 Pipe Weight (ppf)

P-110 Grade

12,838 Depth

TOC: 6,516

Tubing: 2.375 Pipe size (inches)

4.70 Pipe Weight (ppf)

N-80 Grade

12,412 Depth

Purpose: Re-complete

Proposed Procedure:

- 1 MIRU Service rig
- 2 RIH Tag fill
- 3 POOH while tallying and Tuboscoping tbg, lay down tbg
- 4 RIH w/ cast iron kill plug and set at appx 10137. Dump bail cement on top of plug
- 5 Pressure test csg to surface to 7500psi for 15mins
- NOTE: Stages 1-4 are from 9091-10147. All are within the MVRD Formation with appx 175-200' per stage
- 6 RIH with Perforation gun and perf stage 1 (starting depth of bottom perf is ~100' above previous perf min @10047)
- 7 Frac Stage 1 at 60bbl/min, 885gal/ft proppantless slickwater
- 8 Set plug and RIH with Perforation gun and perf stage 2
- 9 Frac Stage 2 at 60bbl/min, 885gal/ft proppantless slickwater
- 10 Set plug and RIH with Perforation gun and perf stage 3
- 11 Frac Stage 3 at 60bbl/min, 885gal/ft proppantless slickwater
- 12 Set plug and RIH with Perforation gun and perf stage 4
- 13 Frac Stage 4 at 60bbl/min, 885gal/ft proppantless slickwater
- 14 Flowback well (appx 3-4weeks)
- 15 RIH set kill plug, MIRU and RIH with pump of bit sub and drillout all plugs
- 16 RIH and Land tbg at appx 12412'
- 17 Return well to production, report Final sales