

<p align="center"><i>Current Wellbore Diagram: RGU 43-26-198</i></p> <p align="center"><i>Last Updated: 6/29/2018</i></p>

Well	Pad	EU	API
RGU 43-26-198	RGU 42-26-198 PAD	62380826	05-103-11991
Land Owner	First Sales	Location	Initial Cleanup
Federal	5/20/2016	LOT 8 26 1598W 6	
Top Perf	Bottom Perf	Current EOT	EOT %
9,935	12,374	12,122	89.7%
Bottom Cond Csg	Bottom Surf Csg	Bottom Prod Csg	
108	3,954	12,496	
Average Inc	Float Collar	TOC	
6.2	12,465	5,357	

Stages & Perf Intervals				Formation Tops		Wellbore Detail	
						18" 47.4# Csg @ 108' Hole Size: 30" Cement: 40 sks DV Tool @ 1,868' Cement: 1,005 sks	
						9-5/8" 36# Csg @ 3,954' Hole Size: 14-3/4" Cement: 805 sks TOC 5,357	
				Wasatch	5,851'		
				MV-WMFK	7,799'		
9,935	10,096						
10,134	10,268						
10,311	10,478						
10,498	10,647						
10,671	10,816						
10,858	11,056			Cameo	10,888'		
11,086	11,225						
11,274	11,379			Rollins	11,458'		
11,877	12,051			Cozzette	11,590'		
				Corcoran	11,817'	2-3/8" P-110 4.7# Tbg Set @ 12,122'	
12,097	12,243			Sego	12,146'		
12,264	12,374					4-1/2" 11.6# Csg @ 12,496' Hole Size: 7-3/4" Cement: 1,925 sks	
				TD:	12,510'		

Proposed Wellbore Diagram: RGU 43-26-198
Last Updated: 6/29/2018

Well	Pad	EU	API
RGU 43-26-198	RGU 42-26-198 PAD	62380826	05-103-11991
Land Owner	First Sales	Location	Initial Cleanout
Federal	5/20/2016	LOT 8 26 1S98W 6	
Top Perf	Bottom Perf	Proposed EOT	EOT %
9,935	12,374	12,122	90%
Bottom Cond Csg	Bottom Surf Csg	Bottom Prod Csg	
108	3,954	12,496	
Average Inc	Float Collar	TOC	
6.2	12,465	5,357	

Stages & Perf Intervals	Formation Tops	Wellbore Detail
		18" 47.4# Csg @ 108' Hole Size: 30" Cement: 40 sks DV Tool @ 1,868' Cement: 1,005 sks
		9-5/8" 36# Csg @ 3,954' Hole Size: 14-3/4" Cement: 805 sks TOC 5,357
	Wasatch 5,851'	
	MV-WMFK 7,799'	
8,950		
9,835		
9,935 10,096		
10,134 10,268		
10,311 10,478		
10,498 10,647		
10,671 10,816		
10,858 11,056	Cameo 10,888'	
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11,877 12,051	Cozzette 11,590'	
12,097 12,243	Corcoran 11,817'	2-3/8" P-110 4.7# Tbg Set @ 12,122'
12,264 12,374	Sego 12,146'	
	TD: 12,510'	4-1/2" 11.6# Csg @ 12,496' Hole Size: 7-3/4" Cement: 1,925 sks

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

Existing Perfs



RGU 43-26-198

Well name: RGU 43-26-198

Location: LOT 8 26 1S98W 6

Field: RYAN GULCH

API: 05-103-11991

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

Mobile phone: 970-319-8377

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Surface Casing: 9.625 Pipe size (inches)
36.0 Pipe Weight (ppf)
J-55 Grade
3,954 Depth

Production Casing: 4.5 Pipe size (inches)
11.60 Pipe Weight (ppf)
P-110 Grade
12,496 Depth

TOC: 5,357

Tubing: 2.375 Pipe size (inches)
4.70 Pipe Weight (ppf)
P-110 Grade
12,122 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 9925. Dump bail cement on top of plug
- 5 Pressure test csg to surface to 7500psi for 15mins
- NOTE: Stages 1-4 are from 8950-9935. 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 @9835)
- 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 12122'
- 17 Return well to production, report Final sales