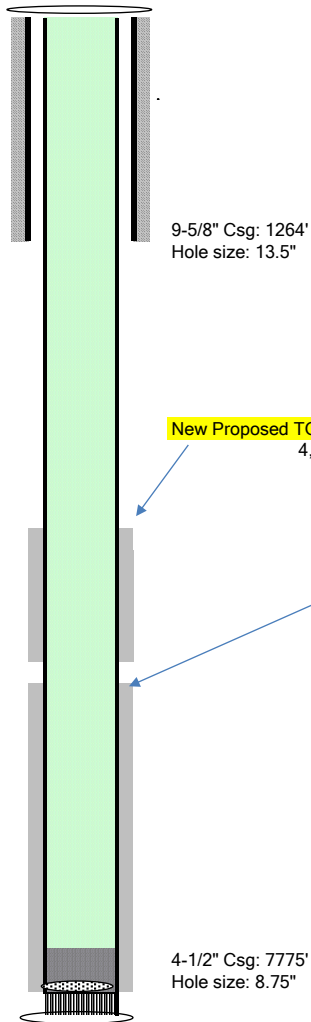


# Exploration and Production

Final WBD after Remediation



Well Name	<b>GM 323-4</b>	
Location	<b>Lat: 39.461 Lon: -108.1256</b>	
Field	<b>Grand Valley</b>	
County	<b>Garfield, CO</b>	
API	<b>05-045-23506-00</b>	
KB	6,001	
Footages	5977.1	

## Spud 6/28/2017

Conductor	85'	
Casing	1,264'	9-5/8" 32.3# H-40
Cement	310 sx	Class G
Casing	7,775'	4-1/2" 11.6# P-110
Cement	885 sx	Class G

**New Proposed TOC**  
4,483'

Tubing	N/A
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## Formation Tops

Mesaverde	4,683
Cameo	7,201

## TOC - 6222

## Proposed TOC - 4483

## Plug Length

1739'

## Primary Cement

4-1/2" in 8-3/4" hole	0.05470	bbl/ft
Volume	95.13	bbls
Cement Density	12.5	lb/gal
Cement Yield	1.96	ft^3/sx
Water Requirement	9.43	gal/sx
Number of Sacks	272.51	sx
Excess	125%	

**Total Primary Sacks 613.15 sx**

## Tail Cement

Cement Density	15.8	lb/gal
Cement Yield	1.15	ft^3/sx
<b>Total Tail Sacks</b>	<b>75</b>	<b>sx</b>
Volume	15.36	bbls

**Total Slurry Pumped 229.41 bbls**