



Well Name: GM 701-28-HN1

Location: Piceance Basin, CO

Field: Grand Valley

Pad: GM 11-28 Pad

API#: 05-045-22154

Surface Location: NENW Sec. 28-T6S-96W

BH Location: NESW Sec. 28-T6S-96W

KB: 25 ft (Aztec)

Datum: 5,604 ft above MSL

TD: 12,251 ft

Float Collar: 12,189 ft

Landing Point: 11,240 ft

KOP: 9,691 ft

Lateral Pay Length: 989 ft

Plug-Plug Distance: 224' ft

11,350	BTM Cluster	12189		1,723	Gallons Per Foot
	Top Cluster	11350		1,310	Lbs per Foot
	Treatable	839		0.76	Sand/Fluid Ratio
	# of Stages	4		56	Distance between Cluster
	Cluster Per Stage	4		2	Barrel Per Perf

Surface Casing:	13-3/8" 68# HCN-80
Set at:	2,950 ft
Top of Cement:	Surface

Intermediate Casing:	9-5/8" 47# HCP-110 LTC
Set at:	11,243 ft
DV Tool:	4,515 ft
Inclination at Int. Csg Point:	
Burst Pressure:	9,440 psi
Top of Cement:	5,500 ft

Production Casing:		5.5" 23# P-110 DQX	
ID:	4.67	Drift:	4.545
Set at:	12,251 ft		
TVD Average:	11,000 ft		
Burst Pressure:	14,520 psi (90% = 13,068 psi)		
Top of Cement:	10,090 ft		

Stage 4				Stage 3				Stage 2				Stage 1			
Pump Down				Pump Down				Pump Down				Pump Down			
196'				224'				224'				196'			
60° phasing				60° phasing				60° phasing				60° phasing			
6 spf				6 spf				6 spf				6 spf			
Stage Length				Stage Length				Stage Length				Stage Length			
8	shots @	11,350	ft	8	shots @	11,574	ft	8	shots @	11,797	ft	8	shots @	12,021	ft
8	shots @	11,406	ft	8	shots @	11,630	ft	8	shots @	11,853	ft	8	shots @	12,077	ft
8	shots @	11,462	ft	8	shots @	11,686	ft	8	shots @	11,909	ft	8	shots @	12,133	ft
8	shots @	11,518	ft	8	shots @	11,742	ft	8	shots @	11,965	ft	8	shots @	12,189	ft
3rd CBP				2nd CBP				1st CBP							
11,546'				11,770'				11,993'							
Total Shots				Total Shots				Total Shots				Total Shots			
32				32				32				36			