

# Smith Gulch 31-32-796 Pit Pit Volume Calculator\*

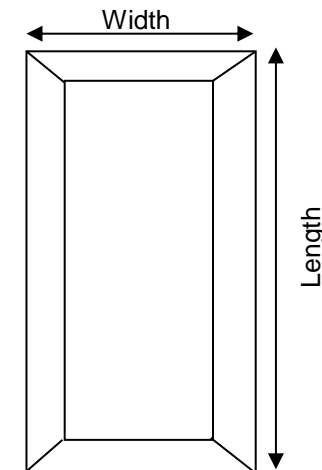
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Input					Compute					
Length	Width	Total Depth	Side Slopes		Total Pit Volume <sup>(1)</sup>		Free Board		Usable Volume	
			Run	Rise	yds. <sup>3</sup>	bbls	Required	Volume	yds. <sup>3</sup>	bbls
			ft.	ft.			ft.	yds. <sup>3</sup>		
350	160	16	2	1	24323.16	116960	2	3998.62	20324.54	97732

(1) Volume Formula= $\frac{(((((D14 \times C14) \times (A14 - 2 \times (D14 \times C14))) \times C14) + ((D14 \times C14) \times (B14 - 2 \times (D14 \times C14))) \times C14) + ((B14 - 2 \times (D14 \times C14)) \times (A14 - 2 \times (D14 \times C14))) \times C14 + \frac{1}{3} \times (2 \times D14 \times C14)^2 \times C14))}{27}$

\* Not valid if the Width < 2(Depth x Run).



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