

## Re: Rigging a Volcano

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**From:** Greg Campbell (*nospam\_at\_null.net*)

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Mike1 wrote:

>> *Somehow, you would have to find a way to divert the underground magma  
>> away from the volcano to somewhere it wouldn't cause problems, or figure  
>> out how to release all the dissolved gasses that create the eruptive  
>> pressures within the magma.*

> *First you'd need to construct gargantuan pipes and valves...*

> ...

> *The objective is to convert a 600,000yr cycle mega-eruption into a  
> controlled, lateral surface venting over decades or even centuries, to  
> reduce pressure to a stable level. Of course a fat hunk of eastern  
> Wyoming would have to be devoted to "ash storage".*

Alternately, you could allow the magma to degass as it rises, cool it a bit, then pump it back down another hole. (Similar to the CO<sub>2</sub> degassing of Monoun and Nyos.) Given the volume of magma involved, you'd need some mighty fat pipes or a bunch of wells.

Of course, you'd wind up dumping a lot of sulfur and other nasty stuff into the air. While objectively a much better option than enduring an eventual magacaldera eruption, I'm sure the local population would raise hell. "I've lived here 70 years, and it ain't erupted once!"

-Greg