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Subject: : Conservation

Topic: : Zoning Boards says No, judge says Yes

Re: Zoning Boards says No, judge says Yes

Author: : Gone4Day

Date: : 2010/9/2 21:56:17

URL:

Quote:

JackM wrote:

I didn't check your math, but I also didn't see the source for a lot of your assumptions. Particularly how you arrived at a translation to cfs in a given stream. Maybe if you can flesh that out a bit....

Fair enough.

Just to make it easier, assume one horizontal drilling rig takes a full year to drill six horizontal wells. Each one of those wells is about 10-12,000 feet long remember. It takes a bit of time to drill that far.

Here's the logic:

1 cubic foot = 7.48 gallons

Therefore 1 cubic foot per second = 7.48 gallons per second

there's 60 seconds in a minute,

60 minutes in an hour,

24 hours in a day and

365 days in a year.

That adds up to 236 million gallons of water.

Therefore, 10 times that is 2,360 million gallons of water.

Rig count courtesy of these guys:

<http://extension.psu.edu/naturalgas/maps>

79 rigs X 6 wells X 5 million gallons = 2,370 million gallons.

I don't believe it myself, but there it is.