

# Trican Cement Pulsation

uses pulsating pressure waves that break the gel strength of the cement slurry as it begins to set up. Very soon after the cement slurry has been placed, it begins to develop gel strength as it approaches its thickening time. This can allow gas to enter the slurry causing a channel which can extend all the way to surface. Cement pulsation breaks any gel strength that has developed and maintains hydrostatic pressure on the wellbore as long as possible. The cement pulsation unit incorporates a low pressure air compressor (max 200 psi) which provides the pressure pulse to a water tank that is tied directly into the casing bowl. Pulsation can only be applied when using conventional cement blends.

**cement Pulsation**

- 3 years proven technology
- Applies 100 psi pulses every 30 seconds to the annulus to reduce cement gelation
- Significantly reduces gas migration problems
- Maintains hydrostatic pressure on formations during cement transition period
- Saves on costly remedial cementing
- Portable, easy to use unit
- Improves zonal isolation



**530 wells completed with a  
77% improvement in  
controlling gas migration!**

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