

CobraMax[®] Service

Multi-Stage Stimulation with Sand Plug Isolation

CobraMax stimulation service provides the performance of conventional through tubing fracturing with the speed and versatility of coiled tubing operations.



Designed for unperforated and cemented casings. Perforations are cut with HydraJet abrasive perforating and the fracturing treatment is pumped down the annulus. Sand Plugs are placed to isolate lower zones.

CobraMax enables optimizing key treatment parameters such as injection rate, proppant volume, and proppant concentration. In addition, pinpoint stimulation helps assure that every viable pay zone is stimulated. This innovative process enables operators to quickly and cost-effectively exploit multiple zones that require larger, higher rate treatments than possible with conventional coiled tubing fracturing.

CobraMax Operating Parameters

Well Completion	Perforation Status	Stimulation Flow Path	Isolation Method
Cased Wells	Unperforated	Annulus	Sand Plugs

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

APPLICATIONS

- » Multi-stage fracturing in cased hole wells
- » Stimulation pumped down annulus
- » Live well operations

BENEFITS

- » Capable of fracturing unlimited stages in a single run
- » Able to provide zonal isolation below ID restrictions
- » No temperature limits with the downhole tool assembly
- » No depth limitations, except for the reach of the coiled tubing
- » Applicable in vertical and horizontal wells
- » Targeted placement of treatment intervals ensures no bypassed pay
- » Eliminates the need to set mechanical plugs that must be removed later
- » Requires smaller operating footprint for improved environmental performance

FEATURES

- » Abrasive perforating tool to enable perforating and stimulation in a single run
- » Zonal isolation achieved using sand plugs

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