

ZoneGuard® FP Packers Save Valuable Rig Time and Provide Reliable Zonal Isolation

Location: Canada

CHALLENGE – A major operator in Canada wanted to use multistage stimulation to optimize production in their 8,800 ft openhole horizontal lateral. Well conditions required a completion system that could withstand well temperatures up to 185°F, was robust enough to traverse long 90 degree openhole horizontal lengths, and would have a sealing capability of 10,000 psi differential pressure to effectively isolate zones during fracturing.

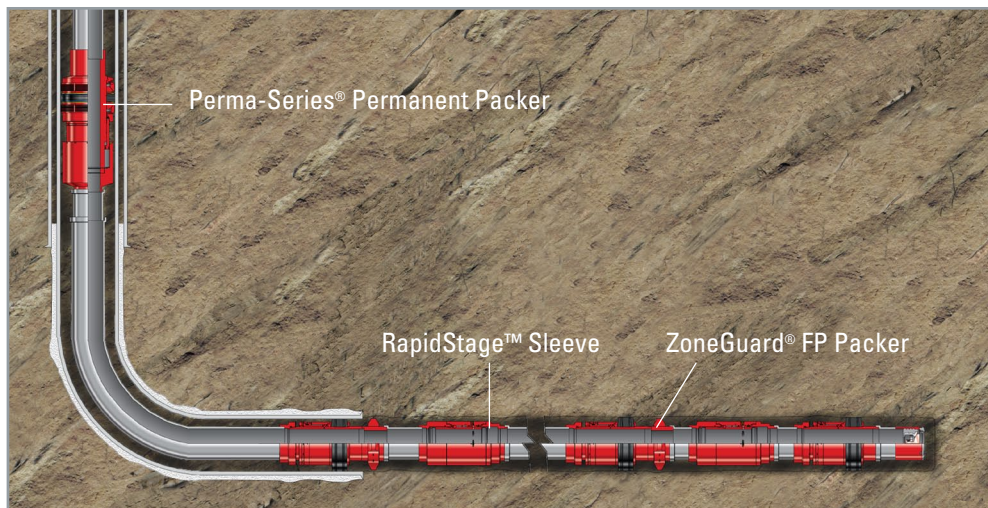
SOLUTION – In order to provide the most cost effective completion to isolate, treat, and selectively produce 30 individual fracture intervals, Halliburton proposed RapidStage™ sleeve systems for the selective production of the formation and ZoneGuard® FP openhole isolation packers to isolate each fracturing interval. The concise design of the ZoneGuard FP packer has a small run-in-hole (RIH) OD and a short overall length that helps prevent any issues with reaching the end of the long horizontal openhole section or affecting equivalent circulating density.

The manageable size of the packer and the torque ratings of the connection allow the packers to be torqued through when connecting it up to the completion string without the need of handling pups. ZoneGuard FP packers allowed the operator to reliably control inflow or injection within the selected sections of the wellbore.

The completion string, made up of 30 RapidStage sleeves and 31 ZoneGuard FP openhole packers, was deployed down hole through 7-in. 26# vertical and heel cased wellbore.

Once the completions string exited the casing, it was run across the 6 1/8-in. (156mm) horizontal openhole lateral until it reached 18,400 ft measured depth (MD).

RESULT – All 31 packers were RIH and set at the same time, saving valuable completion time for the operator. The short overall length and the small RIH OD of the ZoneGuard FP packers not only saved rig time with handling and rigging up, but also ensured that the completion string would be able to reach depth without any issues. **This time saving solution saved the operator an estimated \$20,000 and allowed them to quickly move forward with stimulating the well.**



For more information on ZoneGuard® FP openhole packers, please call your local Halliburton representative or email us at completions@halliburton.com.

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