ZIP Intervention Platform* increases stages per day

**Opportunity**

After 19 days and only 110 stages completed (5.7/day) on a multiwell pad with horizontal wells, an operator switched from conventional plug-n-perf operations to the ZIP Intervention Platform from GR Energy Services.

**Customer objective**

The operator wanted to significantly increase stages per day and achieve zero safety and operational incidents.

**Method**

The ZIP Intervention Platform optimizes wellsite safety and wireline completion efficiency to maximize frac pumping time.

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The ZipLok system eliminates the need for a crew member to work at heights, which enables stimulation operations to continue during well-to-well wireline transitions. This wellsite efficiency maximizes total available pumping time. Six hydraulic-actuated cams seal the connection remotely, saving the time required to position personnel at the wellhead.

The ZipFire portless, addressable, prewired compact gun string enables the maximum number of perforating guns to be deployed in a single run.

GR Energy Services has developed the ZipDrop* optical remote ball dropper to optimize safety, wellsite efficiency and transition time between frac stages. The ZipDrop ball dropper saves time and eliminates the need for personnel to work at heights or in the red zone to place a ball in the top of the wellhead.

*Mark of GR Energy Services*
Results

During the first 19 days, 110 stages were completed with conventional plug-n-perf technology for an average 5.7 stages/day (gray bars). During days 20 to 31, 104 stages were completed using the ZIP Intervention Platform to achieve 9.5 stages/day.

ZIP integrates eight components so that wellhead rig-up and rig-down can be safely and reliably performed with less operating time by quickly connecting and disconnecting equipment to the wellhead. Remote hydraulic actuation reduces the chance of injury because personnel no longer connect equipment above the wellhead by hand. The system efficiently delivers a high-performance perforating gun and plug string to maximize pumping time.