

Gas Lift Valve Inspection



Gas Lift Valve Signals via Collar Counter



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Gas Lift Valve Inspection Via Slickline



Many companies run the I-Plunger on slickline in order to inspect their gas lift valves. Slickline makes stops above the suspected depth of each mandrel while the well is flowing. Using temperature and pressure, they are able to ensure if valves are actuating properly.







Gas Lift Valve Inspections



- This gas lift valve inspection was done on a natural fall while the well was shut in
- Pressure and temperature are the key to finding hung valves. There is a severe change in temperature as the plunger passes the valve
- Stuck valves act like holes in the tubing, which causes rapid cooling from escaping gas
- Pressure change on the Amplifier curve(green) indicates gas migrating into the tubing







Gas Lift to GAPL Conversion



Gas Lift inspection, via slickline, performed prior to GAPL conversion. Client wanted to know which valve was their injection point.

- Tight spot in tubing circled in yellow
- Fluid @ 2184'
- Valve 8-12 Closed
- Gas lift injecting into Valve 7(circled in red)
- Collar Stop BHA placed above open valve 7 for optimum performance



