



Case Study

GLV Fished After 20 Years Downhole with ISI's UHD Fishing Tools

Challenge

- A major operator working offshore was trying to fish a Gas Lift Valve (GLV) that had been in hole for 20 years.
- Previous attempts to retrieve the fish with conventional slickline jars and pulling tools designed for both conventional and heavy jarring applications had been unsuccessful.

Solution

- The decision was made to mobilize Impact Selector's UHD Fishing Tool Package to latch and attempt to pull the valve out of hole using continuous heavy upward jarring.
- The UHD XCS Slickline Jar was coupled with the UHD Intensifier to deliver high output jarring forces—key to dislodging obstacles stuck in the wellbore.
- The UHD XCS Slickline Jar is fully adjustable on the surface for a predetermined release force, offering the operator a desired force at the tool. The load setting is done with a calibrated box spanner supplied with the jar.

Results

After several jarring cycles with ISI's UHD Fishing Tools, the GLV was recovered.

- Cycle 1: Jarring firing at 1400lbs at surface for 17 activations. Rest wire for 4 hours.
- Cycle 2: Jarring continued at 1400lbs at surface for 30 activations. Toolstring comes free.

Value to Customer

- The well, which had been "shut in" for 20 years was successfully brought back online and was handed over to production to flow open pocket and monitor performance.

Datasheets



[UHD Intensifier](#)



[UHD Low Friction Tubular Jar](#)



[UHD XCS Slickline Jar](#)



[SmartPlanner™ Wireline Simulation](#)