

eelREEL

Flowline Blockage & Remediation Tool



ADVANTAGES

- Extended Reach Solution to Clean Plugged Flowlines
- Reestablish & Increase Production
- Facilitate Flowline Abandonment
- Reaches Inaccessible Areas
- Professional Engineered & Fabricated with Fully Traceable Components
- Cleans flowlines to their full ID
- Has extended to distances greater than 23,000 feet in a single pass
- Retrieves stuck pigs
- Patented technology traverses multiple radii, a minimum 5D bend

The eelReel tool is an extended reach solution to clean plugged flowlines and pipelines. With an established track record of resolving a multitude of blockages including hydrates, scale, paraffin, and asphaltenes, the eelReel Tool is the state-of-the-art solution for pre-job stimulation, production enhancement, and flowline abandonment as well as stuck pig retrieval.

This is a state-of-the-art tool that has an extended reach, traverses 5D bends, and is deepwater-certified with patented technology delivering the highest success rate in plug remediation.

Projects are custom designed and engineered for flowline specific parameters.

Solutions

- Blockage Remediation
- Pipeline Remediation
- Solids Removal
- Pre-Job Stimulation
- Pre-cleaning for ILI Tools
- Decommissioning

The EelReel

The eelReel is attached to coil tubing, allowing the return of solids, wax, asphaltenes and any other debris as the tool moves down the pipeline and also allows for the recovery of the tool.

This mitigates the risk of the eelReel becoming stuck. Screens prevent the coiled tubing from becoming plugged during the process.

HOW THE EELREEL WORKS

The eelReel is attached to coil tubing and loaded into the flowline through an injector head, positioned above the tree.

Power fluid pushes the eelReel down the line and enters tool through the screen. Power fluid can be produced oil, diesel, chemical or water.

High pressure jets dispense power fluid. Debris enters through the tip and is extracted to the surface through the coiled tubing. The reverse screen subs on the front of the tip prevent debris from plugging coiled tubing. Debris can be paraffin, asphaltenes, scale and sand. The eelReel jets are able to clean the flowline to the original pipe ID. The coiled tubing transfers debris to the surface fluid handling system for handling.

For pig retrieval, the same process is used as a clean flowline accelerates stuck pig retrieval. Once the eelReel reaches the pig, reverse flow pushes the eelReel out of the flowline.

Then, equipped with a spear, the eelReel removes the stuck pig.

