PRODUCT SHEET

Pump Hold Down System for Monobore Tubing

ARTIFICIAL LIFT

PRODUCTION OPTIMISATION

FLOW CONTROL

Description

DTI's Pump Hold Down System for monobore completions, or where there is no suitable nipple profile, combined a field proven Tubing Stop, Packer, and a Pump Hold Down Latch assembly.

The system provides a means of locating and holding a submersible pump. The hold down system can be deployed on slickline without the need for any specialist running and pulling tools.

The system can be used for deploying Tubing, Coiled Tubing and Cable Deployed ESP's, Jet Pumps and Rod Pumps.

Deployment and Operation

- Deployed and retrieved using only link jars and GS Puling Tools.
- Can be set in modular form. First the lower tubing stop is run and shock set, after which the tubing packer is deployed and set against the lower tubing stop, followed by the upper tubing stop. Downward jarring is all that is required to set the tubing stops and packer.
- Alternative a PKO Style Bridge Plug can be used to set a complete stop and packer system in one run.
- Once set in the tubing the pump assembly with a DTI Pump Hold Down Latch is landed and locked into the polished bore receptacle (PBR) in the in the top of the packer system.
- 2000 to 4000 lbs is required to unlatch the pump assembly from the PBR. Retrieval of the rest of the packer system only required a GS Pulling Tool.

Features & Benefits

- Simple and well proven design.
- Slickline shock/jar set using only standard pulling tools.
- Can be deployed as a three-run modular form or in a single run using DTI PKO style packers.
- Large ID.
- DTI Field proven twin element system for sealing capability and large contact area slips to minimise damaging the casing ID.

Model	Outside Diameter	Inside Diameter	Pressure Rating	Makeup Length
278	2.25”	0.940”	1500-5000 psi	95”
350	2.72”	1.375”	1500-5000 psi	99”
450	3.72”	1.760”	1500-5000 psi	105”

We offer optional equipment, alternative sizes, pressure ratings, materials and thread connections. **Please contact us for more information.**

Hold Down Latch | Upper Tubing Stop | Packer | Lower Tubing Stop