RELIABLY CLEAN YOUR UNDERPRESSURED HORIZONTAL WELL

Quantum Downhole's JetVak™ System is a patented system that reliably removes wellbore obstructions on the first run to make your underpressured horizontals clean.

JetVak™ System

Patented system that simultaneously vacuums away fluidized wellbore materials, with guaranteed circulation, while gathering continuous inflow data

The JetVak is a concentric coiled tubing assembly that includes an engineered jet pump, jetting head, and recorder in the BHA to gather BHP, BHT. At surface, a Quantum technician gathers oil, water and solids cuts for reporting.

How it Works

1 Concentric coiled tubing is conveyed downhole with standard coiled tubing equipment.

2 When at depth, the pumping unit is brought up to operational pressure and rates to activate the JetVak.

3 The jetting head fluidizes wellbore materials while the Venturi simultaneously draws the slurry into the BHA and artificially lifts the wellbore materials to surface inside the outer coil.

4 A Quantum Downhole Technician is onsite to monitor performance, set the coil speed and sweeps, sample returns and gather data.

5 Coiled tubing is retrieved to complete the operation.

6 Quantum delivers a final report after the site operation.

CCT · SHEAR SCREW DISCONNECT · VENTURI JET PUMP · PRESSURE TEMPERATURE RECORDERS · ROTATING JETTING ASSEMBLY

FEATURES

Slurry is artificially lifted to surface through the outer coil

Guaranteed returns at a determined rate

Fluidizes and removes wellbore materials, paraffin, and asphaltenes

BHA recorder gathers BHP, BHT. A Quantum technician gathers oil, water and solids cuts

BENEFITS

No solids flow above the BHA reducing risk and avoiding stuck pipe

Assures duration of the operation

Improves production and reduces future intervention requirements

Provides data to calculate IPR curve, determines locations that may be damaged, improves recoverable reserves

SPECIFICATIONS

BHA OD		BHA LENGTH		MAXIMUM TEMPERATURE		CCT OD	
mm	in	m	in	°C	°F	mm	in
54.0	2.125	1.4	56	200	392	60.3	2.375
66.7	2.625	1.5	60	200	392	66.7	2.625
79.4	3.125	1.7	66	200	392	73.0	2.875

TAKE THE GUESSWORK OUT OF UNDERPRESSURED HORIZONTAL WELL INTERVENTIONS.

CALL QUANTUM TODAY   403-450-8280   WWW.QUANTUMDOWNHOLE.COM