

OPTIS[®] VIDEO WHILE FISHING

The integration of EV's high definition, high frame rate memory camera with Thruster Energy's range of overshot tools, provides a diagnostic fishing service that increases the efficiency and success rate of complex fishing operations.

Industry experts, EV and Thruster Energy, have teamed up to engineer an innovative solution to wellbore fishing problems. This joint venture fuses the industry leading technology of EV's downhole cameras and Thruster Energy Well Intervention services by developing Video While Fishing (VWF).

EV's Optis[®] Memory camera comes with a strong track record and combines the latest image sensing technology with digital compression and encoding, ensuring that the technology is set apart from other cameras in the industry. Up to five hours of continuous footage can be recorded which eliminates the need for precise planning and allows for variables in the fishing operation. Programmable intervals are also possible for extended operating time.

The camera is housed inside the fishing overshot with a specially designed shock-dampening sub to reduce any potential damage to the camera tools when jarring. Robust retaining tabs also hold the camera in position. Simultaneous flushing operations are also possible to ensure clean fluid is across the area of interest.

Video While Fishing eliminates the risk of repeated failed fishing attempts due to unknown conditions. The in-grapple camera provides clear images of the position and condition of the fish to ensure that any further runs are optimized and tailored to suit the operation, thus increasing efficiency and reducing cost.

Features:

- Ball drop disconnect to retrieve camera and BHA above
- High resolution, color, down view camera
- Up to 5 hours of HD color video at 30 frames per second can be recorded
- The 5 hours can split into 60 intervals with required delays for well stabilisation and stations
- Compatible with Thruster Energy Well Intervention Services' Bowen 150 Series 9272 3.625" OD
- Overshot Wide range of compatible grapples available
- Jointed Pipe or Coil Tubing Conveyance
- Capable of flushing up to 6 bb/min

Benefits:

- Informative images on fish condition and position enabling decisive action on subsequent runs
- Increased operational efficiency by minimising number of fishing runs
- Reduced cost by minimising operating time and bringing shut-in wells back online

Applications:

- Service Rig and Snubbing Unit jointed pipe operations
- Coiled Tubing operations



SPECIFICATIONS

Diameter	3.625 in	92.0 mm
Length	87 in	2200 mm
Pressure Rating	10,000 psi	690 bar (68.9 MPa)
Temperature Rating	257 °F	125 °C
Overshot Model	Bowen 150 Series - 9272	
Connection Type	2-3/8" REG Box	
Flow Rate	Up to 6 bbl/min	Up to 0.95 m³/min
Max Catch Range	2.875 in	73 mm
Tensile Strength	180,000 lbs	800,000 N
Camera Type	Full Color, Down view	
Video Frame Rate	30 fps	
Recording Time	Up to 5 hours with up to 60 programmable intervals	
Power	Lithium or Alkaline Batteries	