



PERFORMANCE BULLETIN

DSI PBL Bypass System Saving Time and Money on a Major Norwegian Operator’s “Cut and Pull” Operation.

Application

During casing cut and pull operations for a major Norwegian operator, the initial challenge was to displace fluid in the well with oil-based mud without activating the casing cutting elements. Once fluid displacement was completed, the cutting elements for the 9 5/8” casing cut could be immediately activated without having an extra trip.

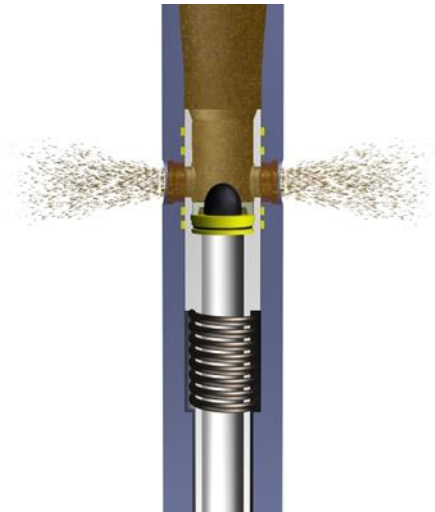
Operation

DSI supplied a 6 3/4” PBL Multiple Activation Bypass Tool, which was positioned in the BHA above the casing cutting elements. A PBL activation ball was placed ‘on-seat’ prior to RIH, allowing for 100% fluid bypass and displacement as soon as the rig pumps started, thus preventing any opening of the cutting elements until required. When activated, the PBL tool allowed complete displacement of the fluid system, with high flow rates minimizing circulating time.



Results

- Placing a ball ‘on-seat’ prior to RIH isolated and protected the cutting elements once pumps started,
- Fluid was immediately 100% displaced to the annulus once the pumps were turned on,
- After fluid displacement, the PBL tool was deactivated allowing the cutting elements to open and operate as planned,
- Displacing the well with a PBL tool in the BHA saves one dedicated ‘fluid displacement’ trip.



**PBL Tool helped eliminate approx. 12 - 14 hours of trip time
“Savings estimated to be \$250,000”**