

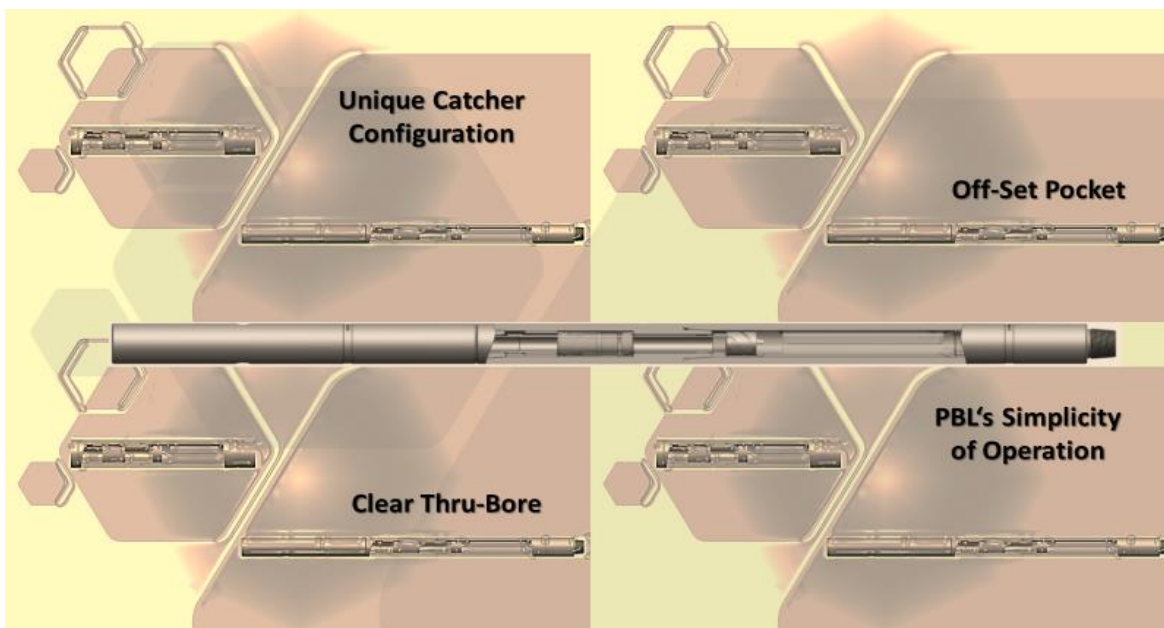


PRESS RELEASE – JUNE 08, 2020

PBL UltiCirc[®]

DSI launches PBL UltiCirc[®] Multiple Activation Bypass Sub

Just as we thought perfection cannot be improved, DSI is offering the Energy Industry with yet another “innovative solution”. **PBL UltiCirc[®]**, the **Ultimate Circulating Tool for Drilling, Completion and Workover operations**.



Applications:

- Pumping all types of LCM pills, including aggressive pills and cement squeezes
- Increasing circulation rates for improved hole cleaning resulting in reduced torque and drag, thereby increasing ROP
- Increasing annular velocity in highly deviated and horizontal wellbores where removal of cutting beds and hole cleaning are problematic
- Fluid displacements
- Sub-sea riser/BOP jetting
- Acidizing and stimulation treatments
- Coring applications

Features / Benefits:

- **PBL UltiCirc[®]** unique catcher configuration allows dispensed balls to be captured in an off-set pocket hence allowing a clear and unobstructed Thru-Bore even after multiple activation. Hence rendering the tool ideal for retrieval operations through the circulating tool.
- **PBL UltiCirc[®]** will close when the pumps are shut down minimizing a U tubing effect or possible well control issues that can occur in other tools
- **PBL UltiCirc[®]** can be cycled numerous times in a single trip (standard 5 cycles but can be extended up to 10 cycles)
- The ball shearing pressure in **PBL UltiCirc[®]** can be set to the operator's preference



Technical Specifications:

Tool Size (Inches)	6 3/4	8 1/4HF*	9 1/2HF*
Maximum O.D. (")	6.75	8.25	9.50
Minimum I.D. (")	1.895	2.660	2.660
Max OD for third party Ball to pass through (")	1.875	2.625	2.625
Standard rig ends	NC 50	6 5/8 REG	7 5/8 REG
Fishing neck I.D. (")	6.750	8.250	9.500
Number of ports	2	2	2
Activation ball size (")	2	2 3/4	2 3/4
De-Activation ball size (")	1 3/8	1 3/4	1 3/4
Number of Balls needed to Activate Tool	1	1	1
Number of Balls Needed to De-Activate Tool	2	2	2
Number of cycles (std / ext.)	5 / 10	5 / 10	5 / 10
Flow area through tool (in ²)	2.92	5.80	5.80
Port Diameter (")	1.10	1.35	1.35
TFA through ports when tool is open (in ²)	1.901	2.863	2.863
Weight (lbs.)	1,198	1,525	1,800
Shoulder to shoulder length (")	150	150.0	150
Tensile Strength Main Body (lbs.)	3,100,100	3,700,000	6,000,000
Torsional Strength Main Body (ft-lbs.)	190,000	335,000	565,000
Make-Up Torque (ft-lbs.)	34,840	46,450	81,290

* 8.1/4" and 9.1/2" tools can be made available upon especial request. HF denotes High Flow.

Contact Us:

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