

## DPI

### Digital slickline production logging interface

#### APPLICATIONS

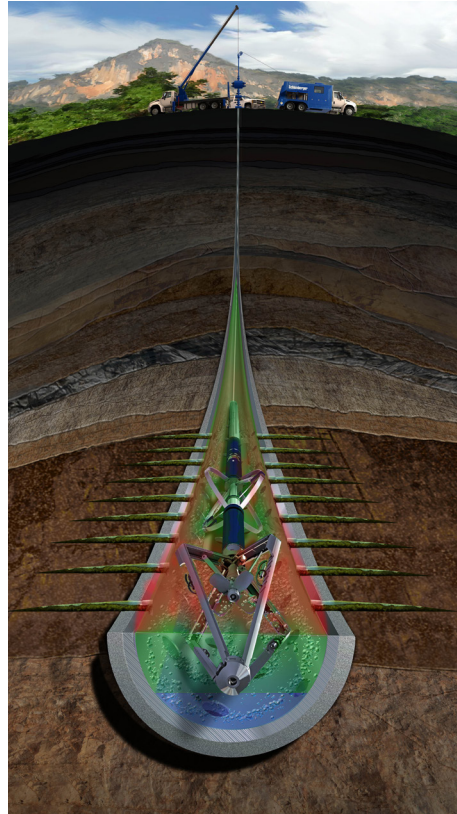
- LIVE\* digital slickline services
- Production logging jobs with real-time QA/QC of data and depth control
- Compatible with PS Platform\* production services platform to provide three-phase flow profiles and production monitoring or diagnostic information
- Production logging jobs with real-time depth control

#### BENEFITS

- Real-time control of sensor acquisition
- Real-time control of tool status, for example, spinner blockage

#### FEATURES

- Depth correlation performed in real-time before logging pass and station acquisition
- Quick review of logging data can be made on site, before tools are on surface
- Compatible with PS Platform basic string
  - Platform basic measurement sonde (PBMS-A and PBMS-B)
  - Gradiomanometer\* specific gravity profile tool (PGMS-B)
  - PS Platform inline spinner (PILS-A)
  - Flow-caliper imaging sonde (PFCS-A)



*DPI provides operator real-time control of PSP logging data, acquired on depth.*

The digital slickline production logging interface (DPI) provides operator ability to control acquisition of the downhole production logging tools. It also provides real-time control of the depth correlation performed on site. Stations and depth passes performed can be controlled on site to know if depth is correct and data are properly recorded. When logging program is accomplished, a quick overview can be performed on site, even prior to pull out of hole.

The digital PSP interface can be run with standard logging string, including PBMS-A, PBMS-B, PGMS-B, PILS-A and PFCS-A.

#### Specifications

Temperature rating	302 degF [150 degC]
Pressure rating	15,000 psi [103.4 mpa]
Length (makeup)	15-in [381 mm]
Length (transport, with end caps)	20.4-in [517 mm]
Outside diameter	1 <sup>11</sup> / <sub>16</sub> -in [43 mm]
Weight	6.83 lbm [3.1 kg]
Service	H <sub>2</sub> S service
Top thread	1 <sup>3</sup> / <sub>64</sub> -in 12 stub ACME (BEST) female
Bottom thread	1 <sup>9</sup> / <sub>16</sub> -in 12 stub ACME special

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## Electrical specifications

Operating voltage	3.6 V
Nominal Current ON	26 mA

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## Compatibility

PSP tools compatibility output recreated description	PBMS-A/B	WPRE	Pressure	
		WTEP	Temperature	
		SPIN	Spinner	
		PFC1	Caliper X	
	PFCS-A	PFC2	Caliper Y	
		D1RB	Relative bearing	
		DFHx	Hold-up Probe X	
		DFBx	Bubble count Probe X	
		UWFD	Uncorrected fluid density	
		WFDE	Well fluid density	
		DEVI-PGMS	Inclination	
		AZ_PGMS	Acceleration	
		PILS-A	SPI1	Spinner
		Data sampling	1 second except holdup and bubble count: 2 to 4 seconds	