

Hi-Temp Production Log **Results** - Prelim Report

Company: University of Utah
Well: Forge 16B(78)-32
Field: Wildcat
County: Beaver, Utah
Log Date: 28-Aug-2024
Log Analyst: Leonid Kolomytsev / Casey Chadwick



Interpretation Results: Surface Flowrate Results – Stage

Stage	Perforations		Water (bpd)	Water (%)
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5	9270	9276	3112.2	25.8%
4	9320	9493	4573.9	37.9%
3	Below 9240		4388.3	36.3%
2				
1				

Totals			12074.4	100.0%
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Interpretation Results: Surface Flowrate Results – Detail

Stage	Perforations	Water (bpd)	Water (%)
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5	8774	8778	trace	trace
	8834	8838	1309.0	10.8%
	8870	8874	314.2	2.6%
	8879	8883	1489.0	12.3%
4	8958	8962	1381.2	11.4%
	8995	8999	765.9	6.3%
	9026	9030	1439.9	11.9%
	9054	9058	986.9	8.2%
3	Below 9240		4388.3	36.3%
2				
1				

Totals		12074.4	100.0%
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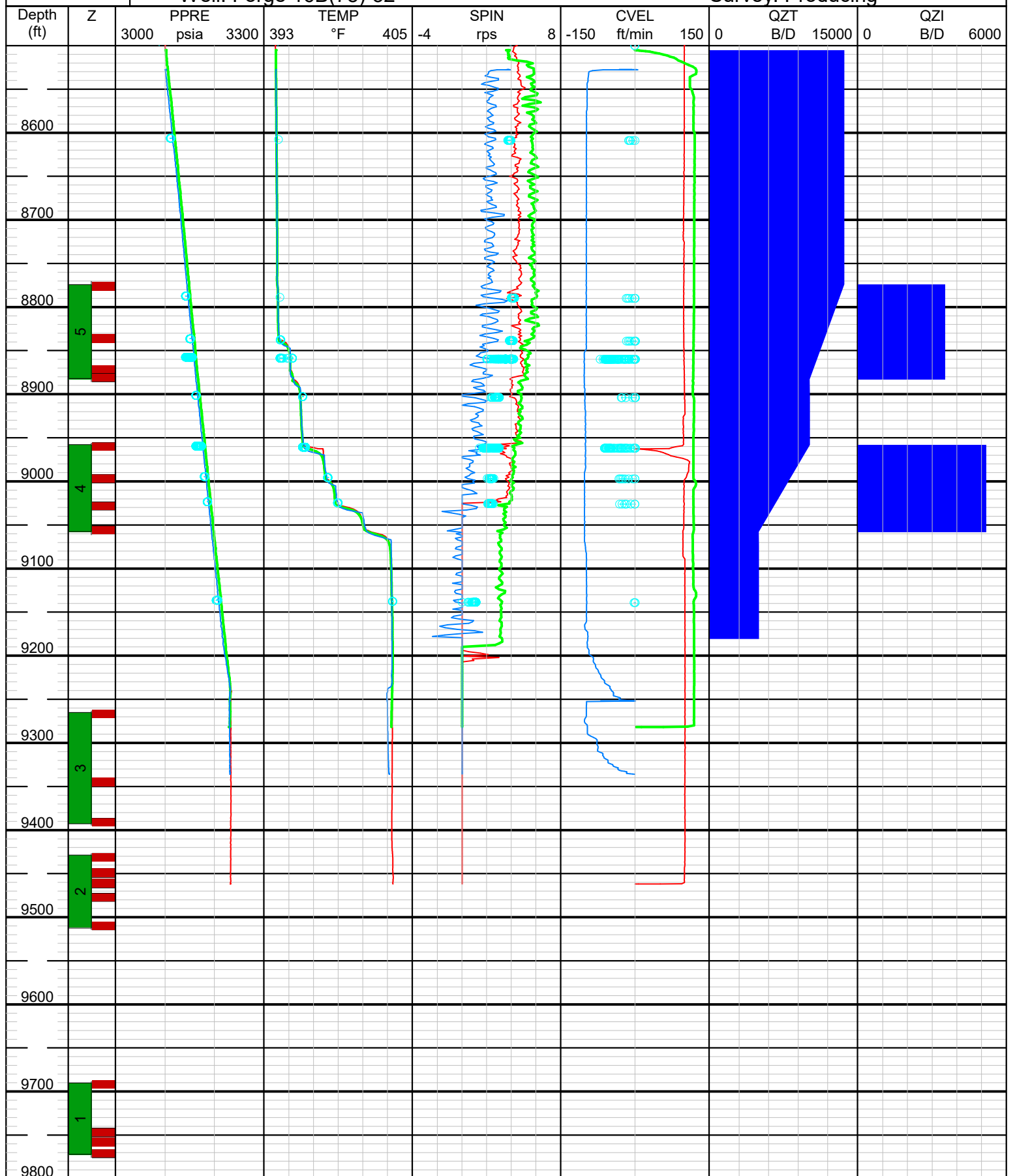


Hi-Temp PLT - Interpretation - Stage

Utah Forge 16B(78)-32 HiTemp P...

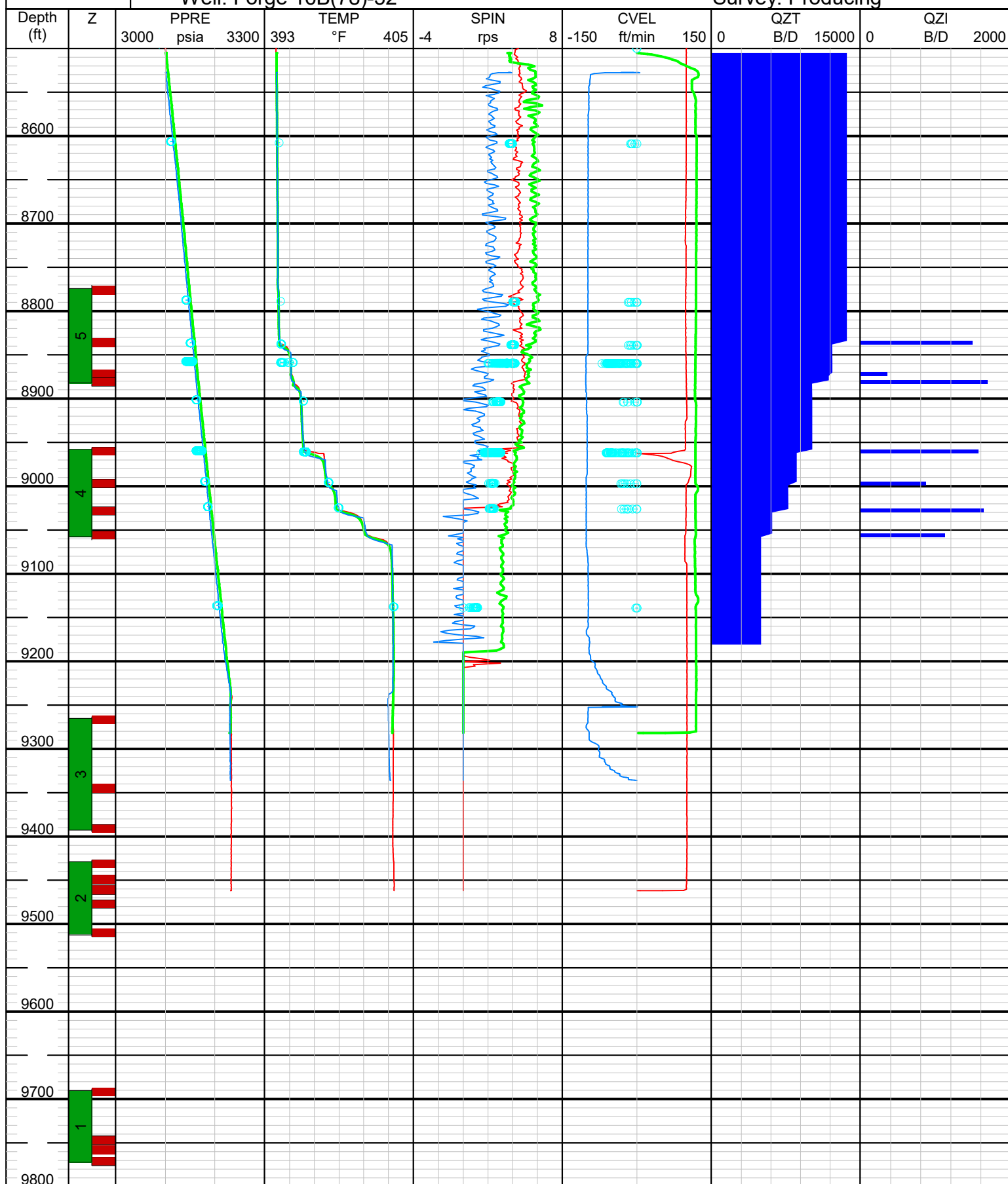
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Test: HT PLT (Di Drill)
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Hi-Temp PLT - Pressure & Temperature

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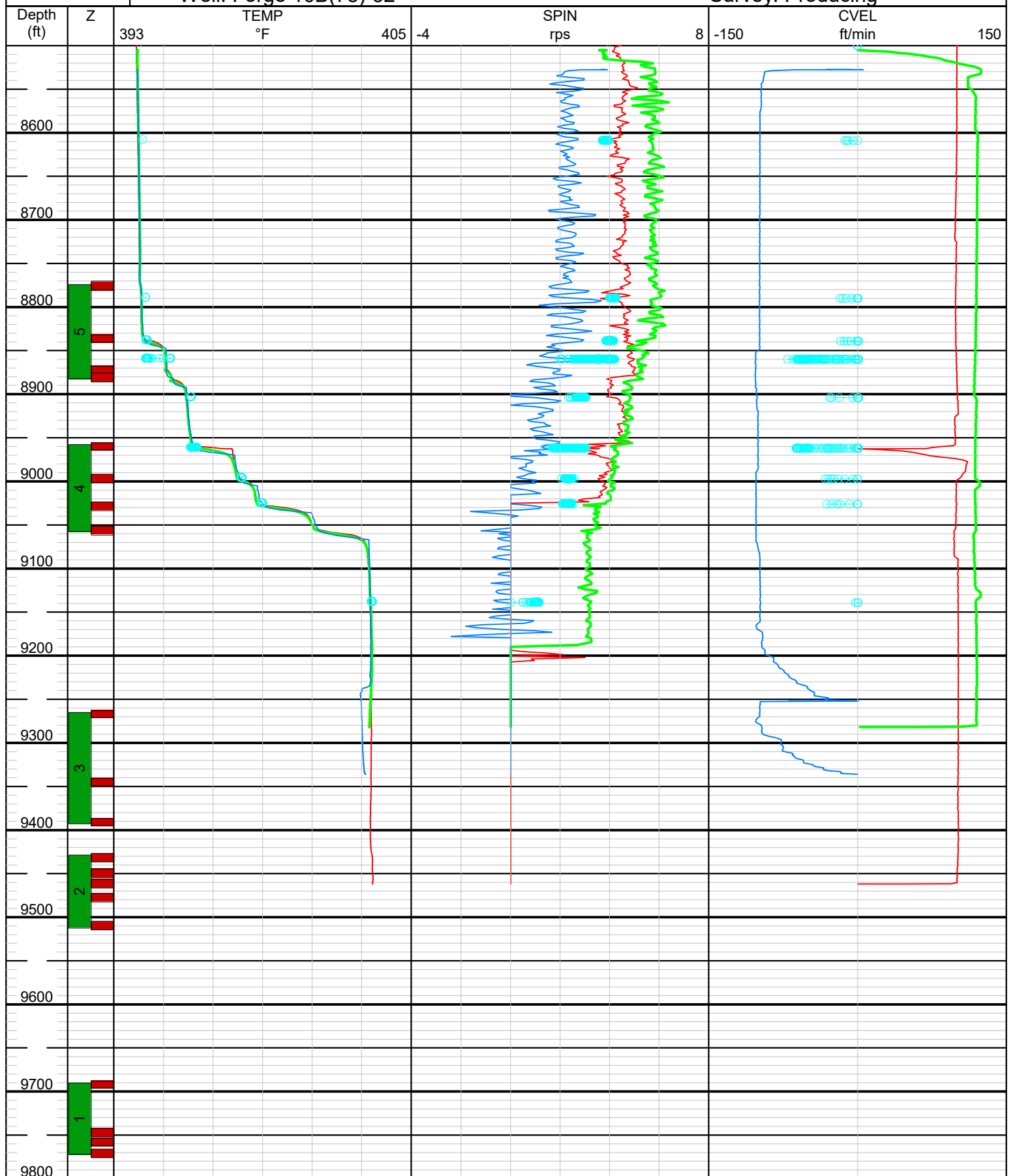


Hi-Temp PLT - Spinner & Cable Velocity

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Hi-Temp PLT - Spinner & Velocity Match

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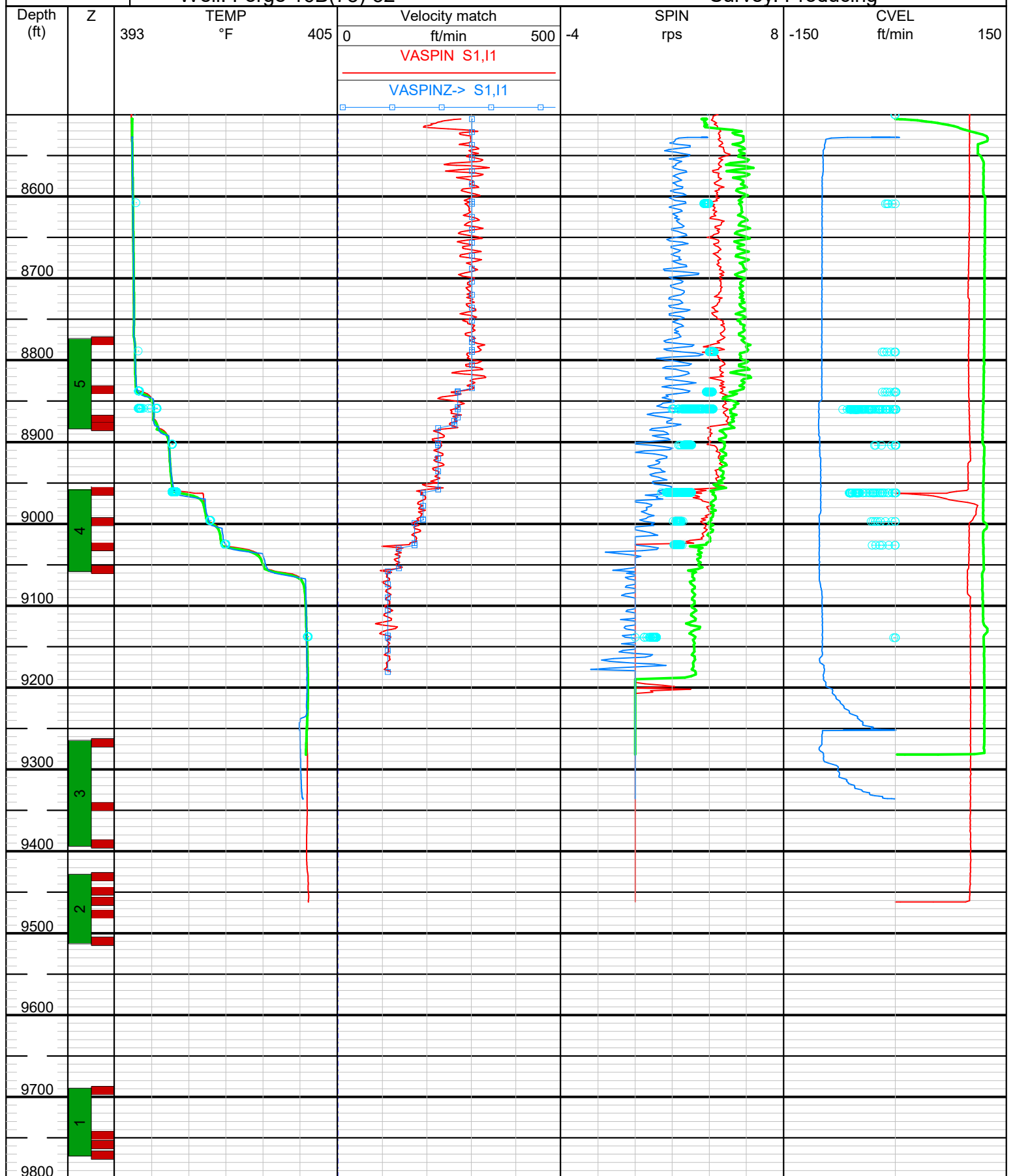


Table of Abbreviations

Tool Mnemonics List

PSP	Production Services Platform
PBMS	Production Basic Measurement Sonde (Temperature, Pressure, CCL, GR)
PCMS	Production Compression Measurement Sonde
PGMC	Production Gradio Manometer Carrier (Density)
PFCs	Production Flowmeter Caliper Sonde (Holdup, Caliper, Full Bore Spinner)
PILS	Production In-Line Spinner
DEFT	Digital Fluid Entry Tool (Electrical Probes)
GHOST	Gas Holdup Optical Sensor Tool (Optical Probes)
FSI	Flow Scanner Imager

Data/Sensor Mnemonics List

CALI_FSI	Flow Scanner Caliper
CCLC/CCLD	Casing Collar Locator
CVEL/SCVL	Cable Velocity
D1RB DEFT	Relative Bearing Probe 1
DFBFx_FSI (0-5)	FSI Vertical DEFT Bubble Count Array (0=Bottom,5=Top)
DFBM	PSP Mean DEFT Bubble Count
DFBx (1-4)	PSP Individual Probe DEFT Bubble Count
DFHFX_FSI (0-5)	FSI Vertical DEFT Water Holdup Array (0=Bottom,5=Top)
DFHM	PSP Mean DEFT Water Holdup
DFHx (1-4)	PSP Individual Probe DEFT Water Holdup
GHBFX_FSI (0-5)	FSI Vertical GHOST Bubble Count Array (0=Bottom,5=Top)
GIBM2	PSP Mean GHOST Bubble Count
GHBx (5-8)	PSP Individual Probe GHOST Bubble Count
GHHFX_FSI (0-5)	FSI Vertical GHOST Gas Holdup Array (0=Bottom,5=Top)
GHHM2	PSP Mean GHOST Gas Holdup
GHHx (5-8)	PSP Individual Probe GHOST Gas Holdup
GR	Gamma Ray
HTEN	Head Tension/Compression
MWFD	Pressure Derived Density
PFC1	PSP Caliper 1 (X)
PFC2	PSP Caliper 2 (Y)
RB_FSI	FSI Relative Bearing
SPIN/SPI1	Full Bore Spinner / Inline Spinner
SPIFX_FSI (0-4)	FSI Vertical Micro-Spinner Array (0=Bottom,5=Top)
WFDE	Gradio Well Fluid Density
WPRE	Well Pressure
WTEP	Well Temperature

Interpretation Mnemonics List

QGD/QGZT	Gas Rates (down hole unless otherwise stated)
QWD/QGZT	Water Rates (down hole unless otherwise stated)
QOD/QOZT	Oil Rates (down hole unless otherwise stated)

Color Coding is typically the same for all the curves that belong to the same pass.

RED – Pass One / Dark Blue – Pass Two / Green – Pass Three / Light Blue – Pass Four

References

For more information, please visit:

FloScan Imager (FSI)

<https://www.slb.com/-/media/files/wireline-production-services/brochure/flow-scanner-br.ashx>

Production Services Platform (PSP)

<https://www.slb.com/-/media/files/fe/product-sheet/ps-platform-ps.ashx>

Reservoir Saturation Tool - Water Flow Log (RST-WFL)

<https://www.slb.com/-/media/files/fe/brochure/rstpro-brochure.ashx>

TuffTRAC iX Tractor (TTiX)

<https://www.slb.com/products-and-services/innovating-in-oil-and-gas/well-intervention/slickline-and-wireline-intervention/wireline-tractors/tufftrac-ix-intelligent-extreme-wireline-tractor>

End of Report