



**YOUNGQUIST BROTHERS, Inc**  
GEOPHYSICAL LOGGING DIVISION

**FLUID CONDUCTIVITY TEMPERATURE LOG**

Company TOWN OF DAVIE/AECOM  
Well IW-2  
Field DAVIE  
County BROWARD State FL

Location: TOWN OF DAVIE WWTP  
API #: TOWN OF DAVIE WWTP  
LAT 26 05 10.78 N  
LONG 80 14 29.81 W  
SEC 22 TWP 50S RGE 41E  
Permanent Datum G.L. Elevation 6.2'NGVD  
Log Measured From G.L. Elevation 6.2'NGVD  
Drilling Measured From G.L. Elevation 6.2'NGVD

Other Services  
SEE COMMENTS  
Elevation 6.2'NGVD

Date	25-APR-2011		
Run Number	SEVEN		
Depth Driller	3808'		
Depth Logger	3814'		
Bottom Logged Interval	3814'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	0700		
Time Logger on Bottom	0800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MCCOLLERS		
Witnessed By	ENGLISH		
Borehole Record		Borehole Record	
Run Number	Bit	From	To
ONE	68.5"	SURFACE	254'
TWO	58.5"	CASING	980'
THREE	12.25"	CASING	2100'
FOUR	48.5"	CASING	1994'
Casing Record	Size	Wgt/Ft	Top
Surface String	60"	.375" W.T.	SURFACE
Prot. String	50"	.375" W.T.	SURFACE
Production String	40"	.375" W.T.	SURFACE
Liner			Bottom
			250'
			975'
			1990'

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

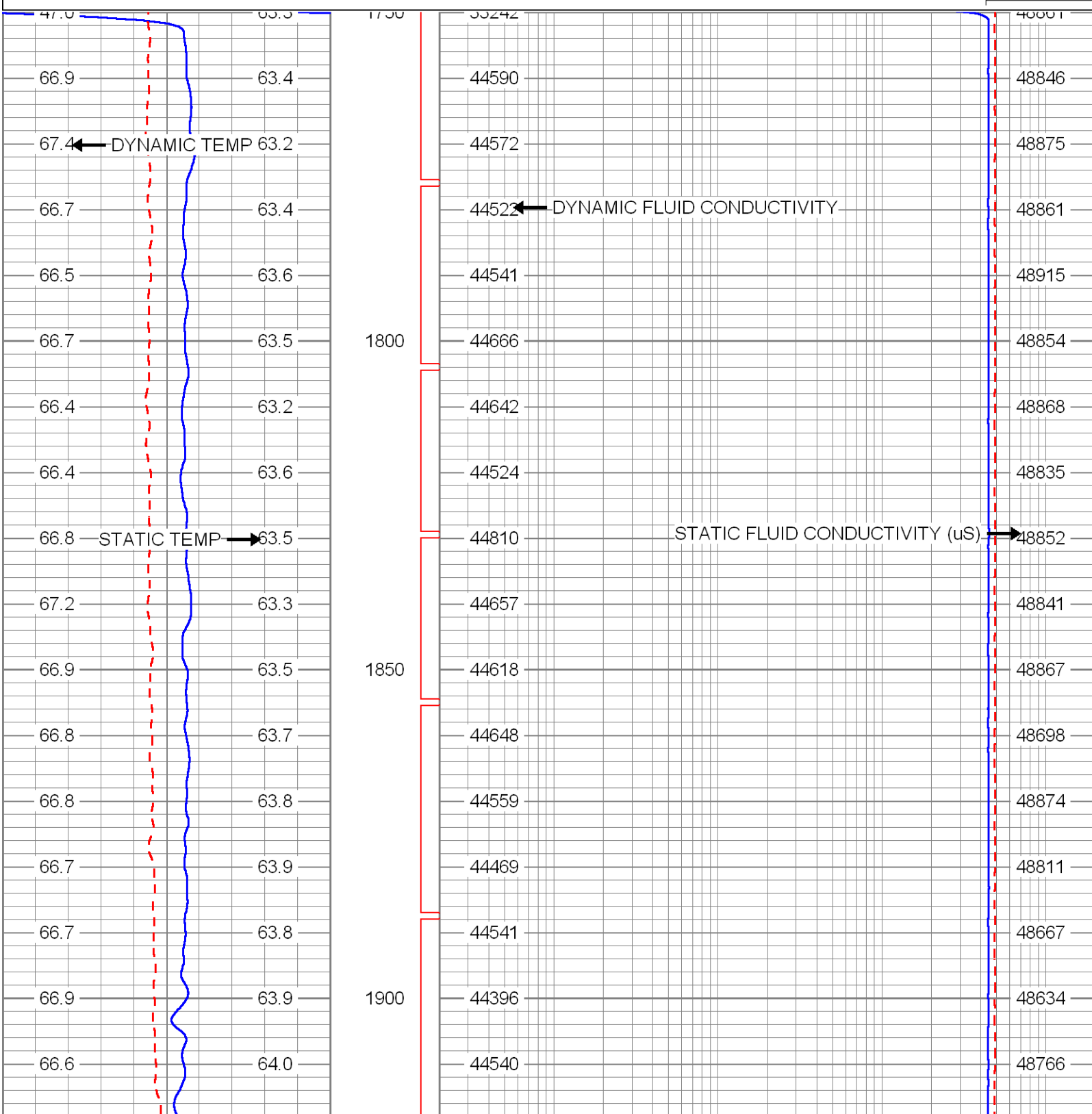
Comments

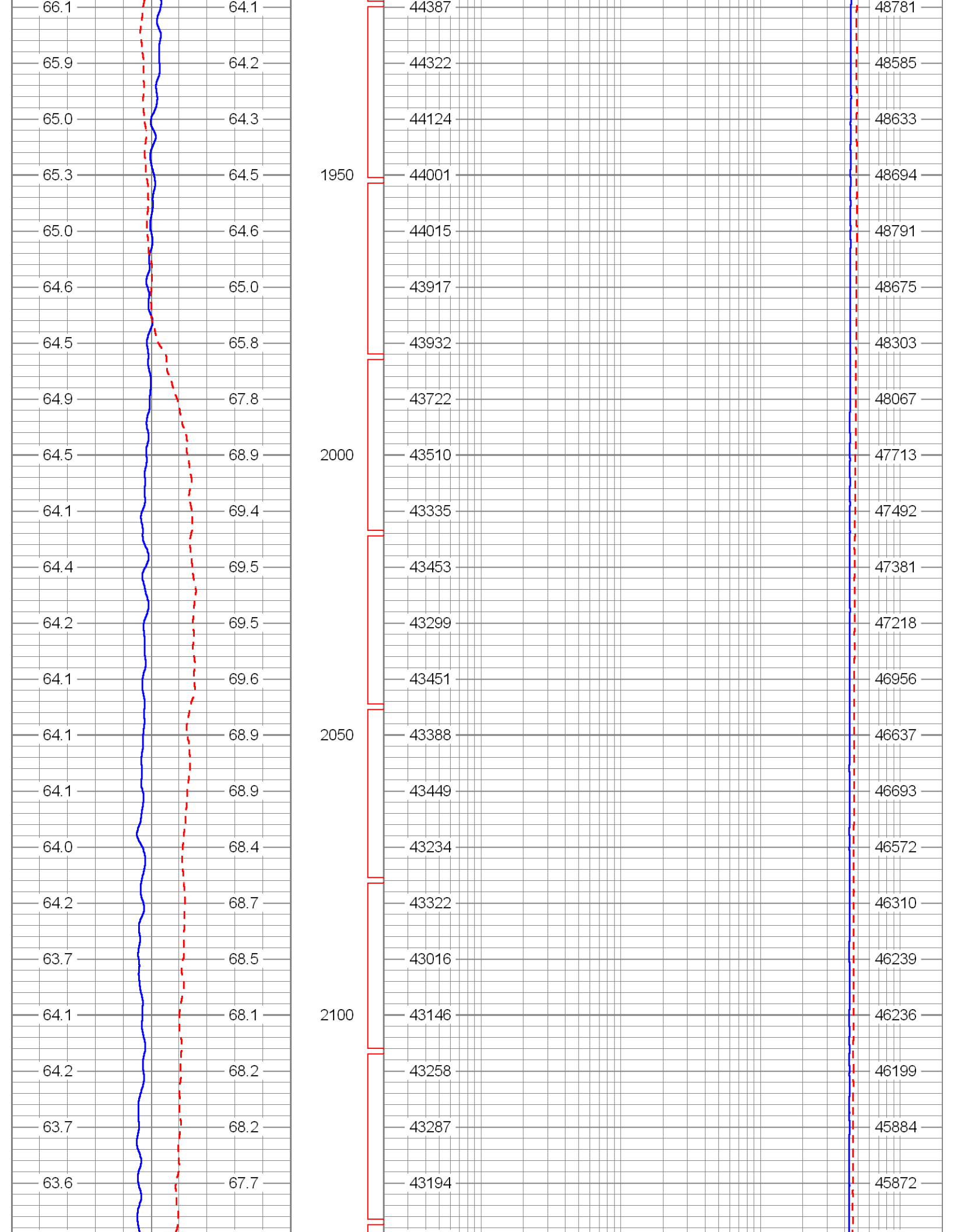
FLOWMETER  
DUAL INDUCTION  
SONIC  
VIDEO  
XY CALIPER / GAMMA RAY

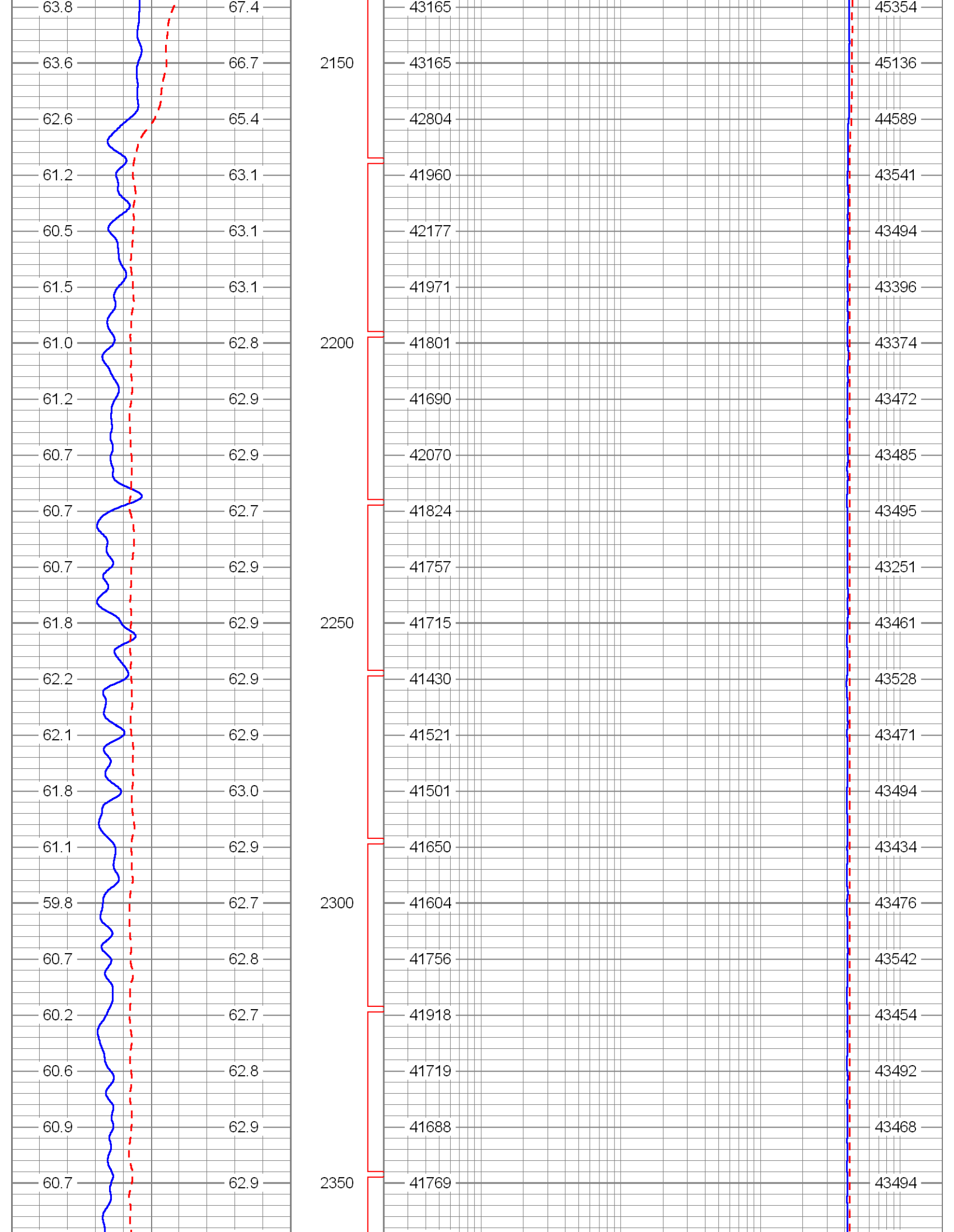
DYNAMIC FLOWRATE = 400 GPM

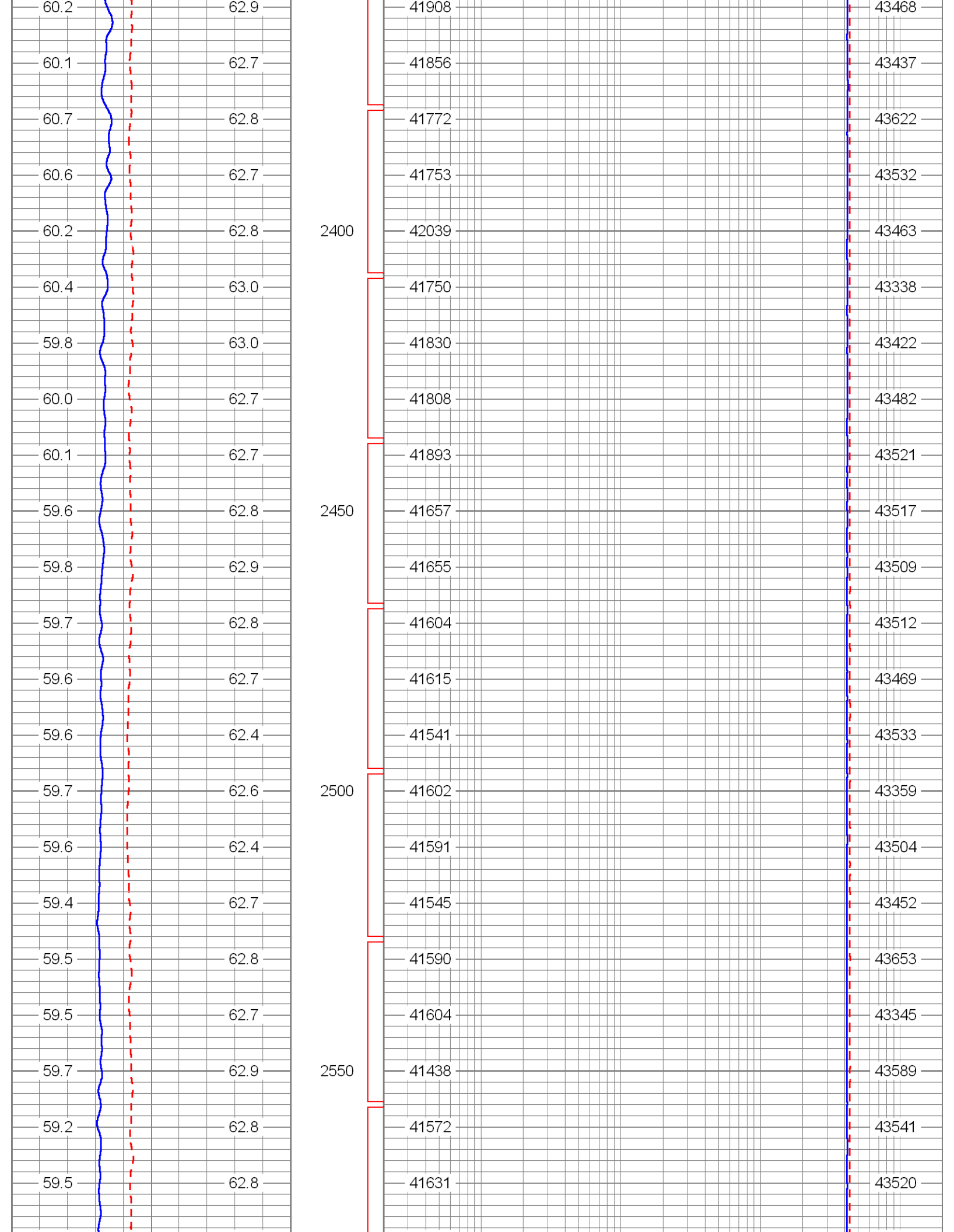
Database File: daview2.db  
 Dataset Pathname: run7/pass18  
 Presentation Format: fit\_mg  
 Dataset Creation: Mon Apr 25 19:23:45 2011 by Log Open-Cased 100827  
 Charted by: Depth in Feet scaled 1:240

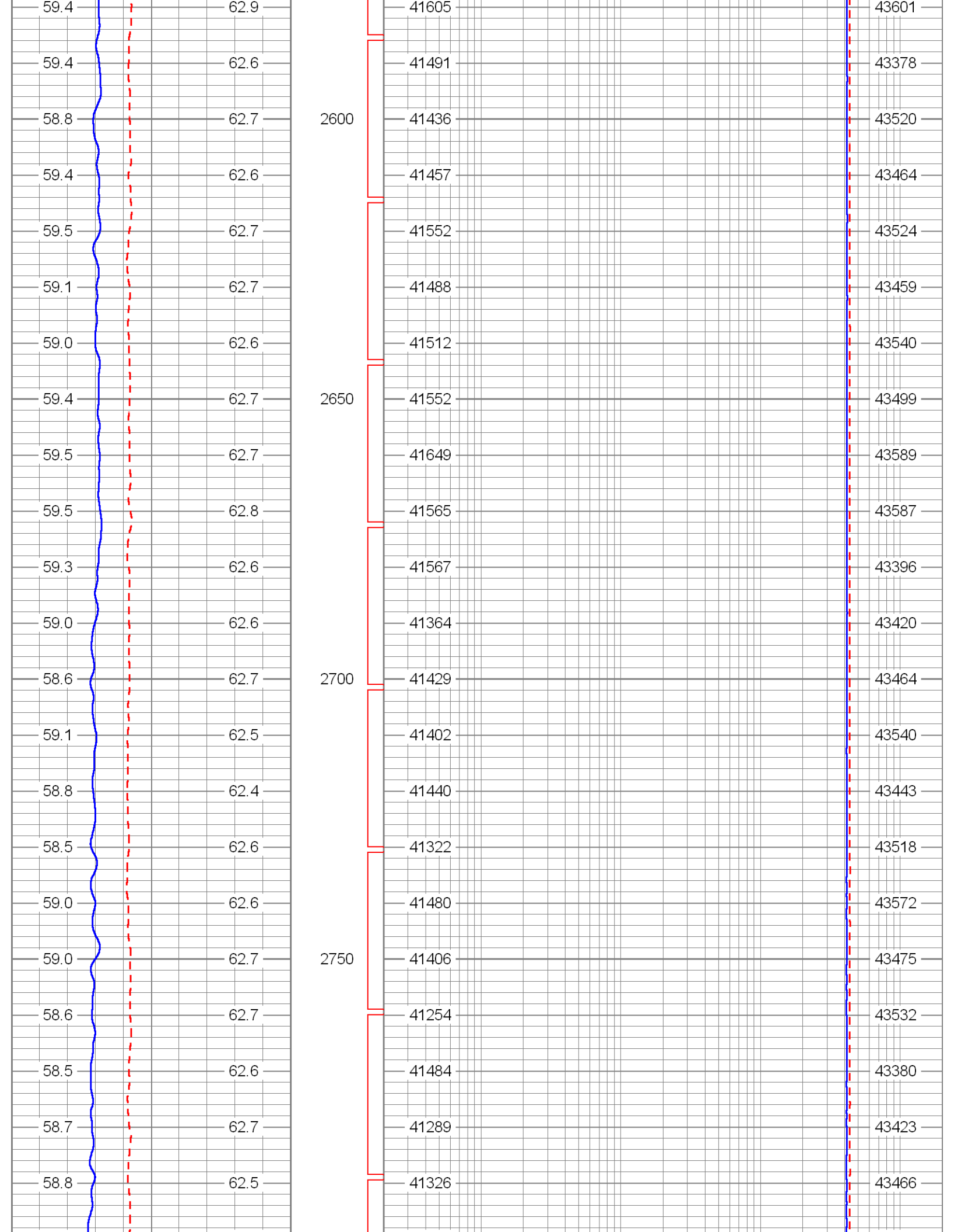
50	DYNAMIC TEMP (degF)	80	MINMK	20	DYNAMIC FLUID CONDUCTIVITY (uS) (uS/cm)	200000
50	STATIC TEMP (degF)	80		20	STATIC FLUID CONDUCTIVITY (uS) (uS/cm)	200000
DYNAMIC TEM (degF)		STATIC TEMF (degF)		N FLUID COI (uS/cm)		STATIC FLUID ONDUCTIVIT (uS/cm)

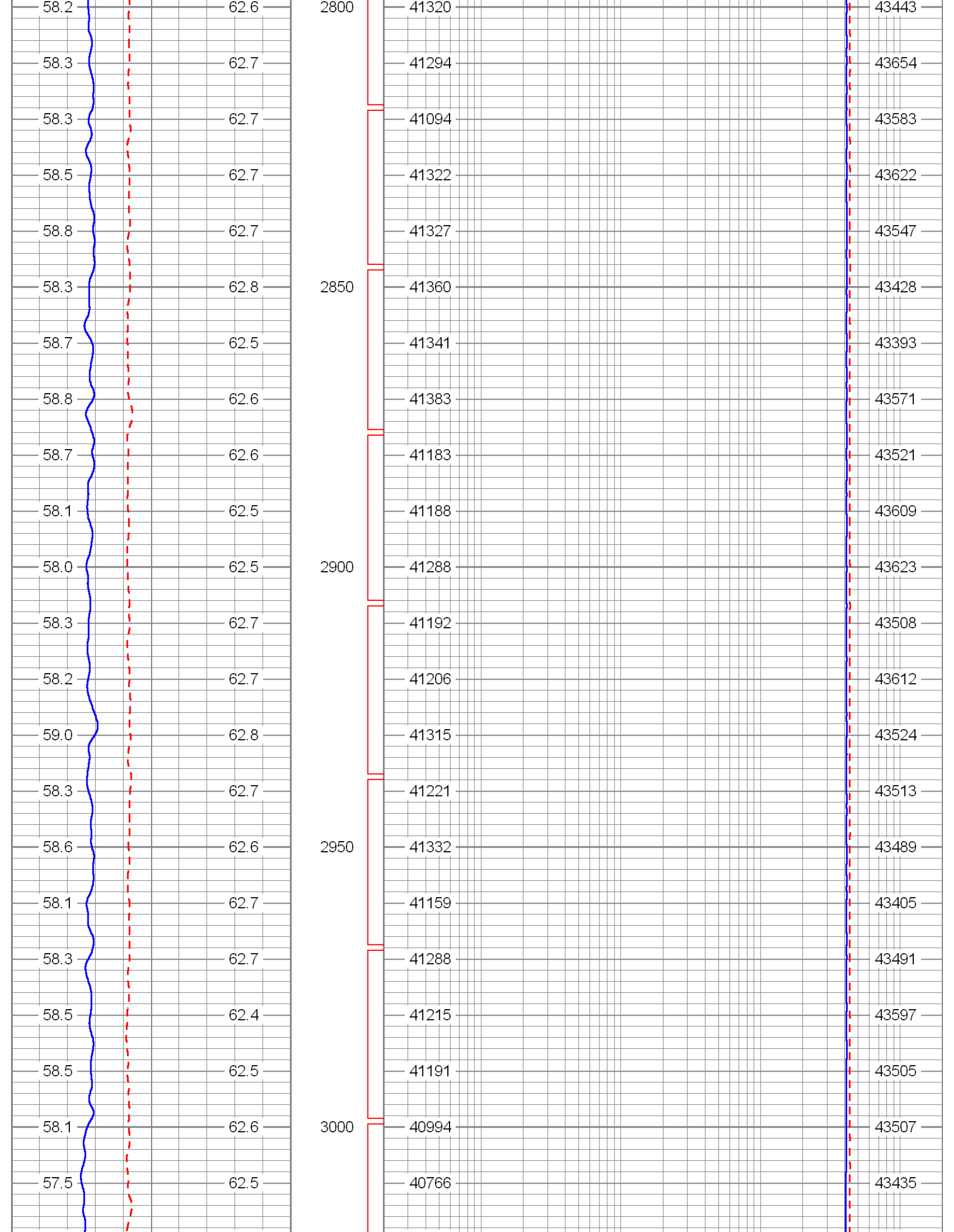






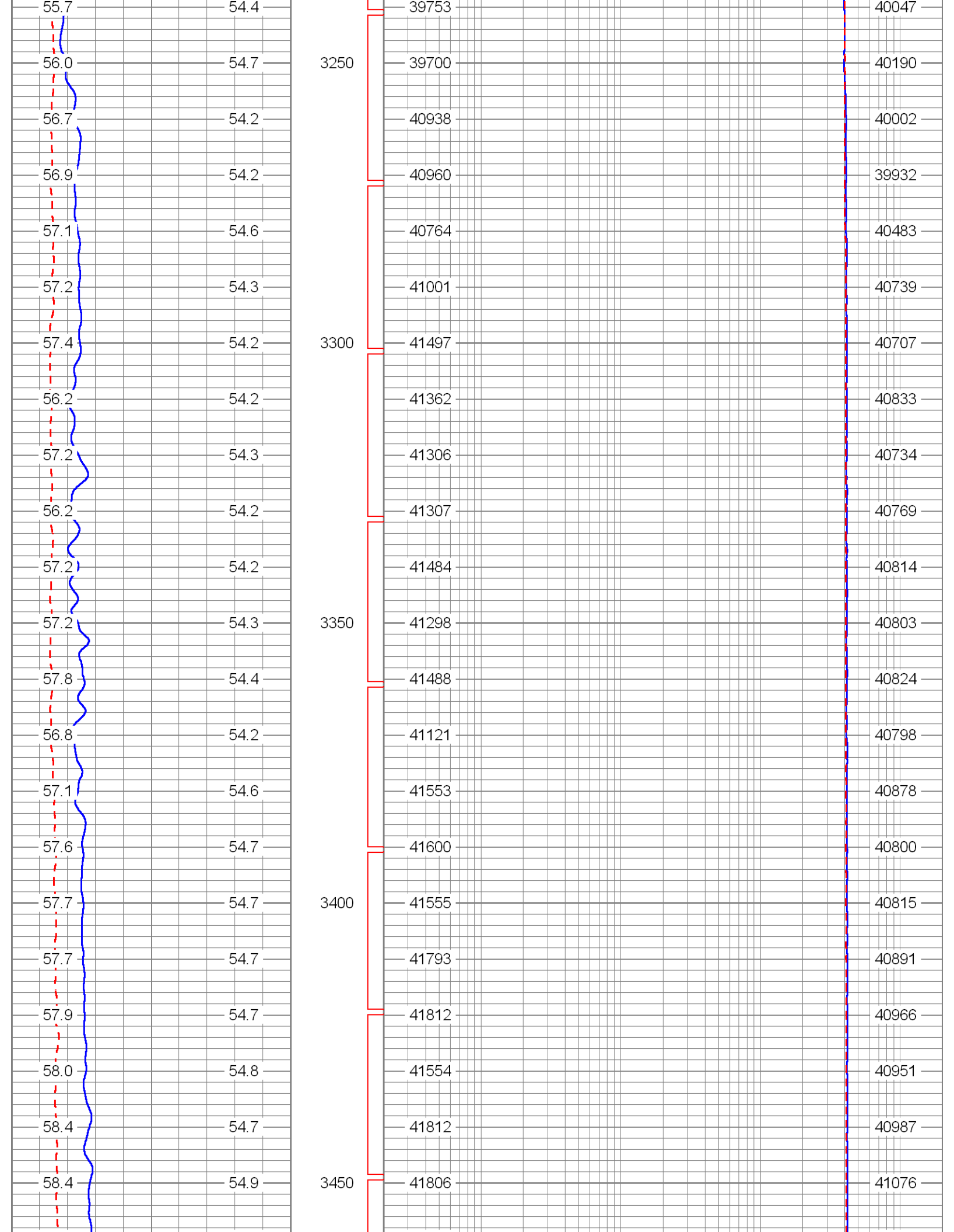


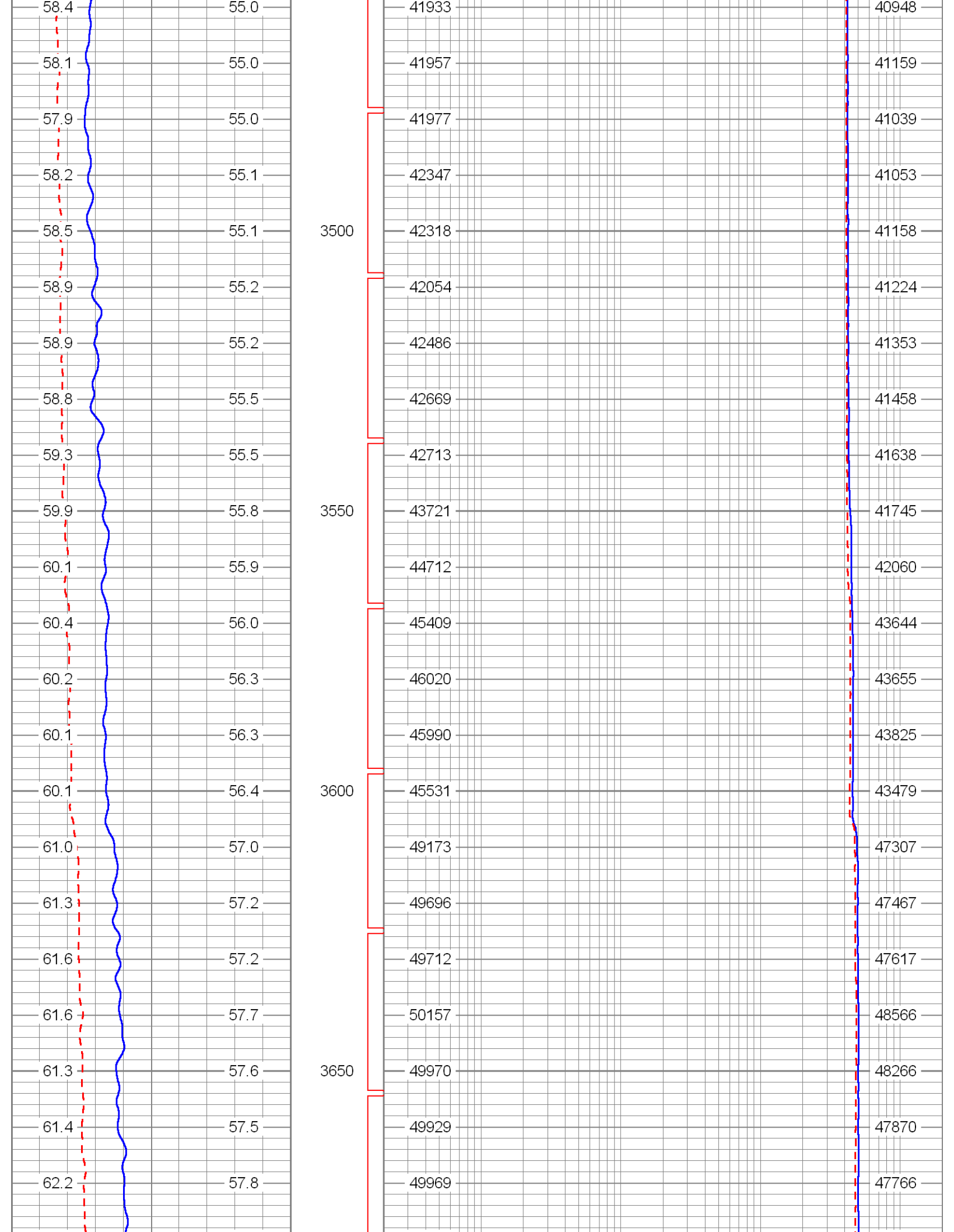


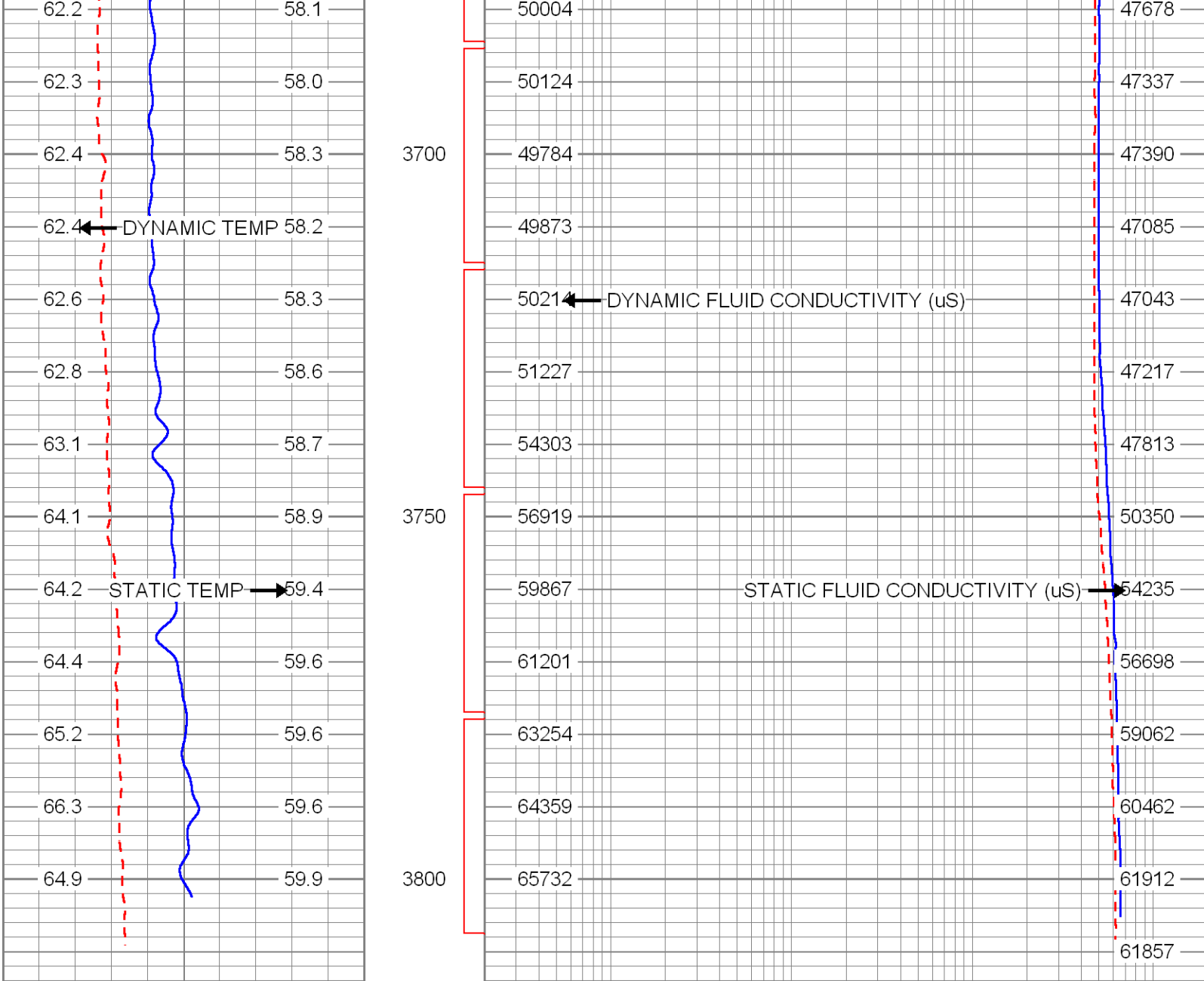












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	DYNAMIC TEM (degF)				DYNAMIC FLUID COI (uS/cm)	
	STATIC TEM (degF)				STATIC FLUID ONDUCTIVIT (uS/cm)	

Calibration Report

Database File: daview2.db  
 Dataset Pathname: run7/pass18  
 Dataset Creation: Mon Apr 25 19:23:45 2011 by Log Open-Cased 100827

FRT Calibration Report

Serial Number: 31  
 Tool Model: SONDEX  
 Performed: Wed Mar 23 10:56:26 2011

Point #	Reading	Reference
1	1.576 cps	1009.000 uS/cm
2	198.844 cps	10500.000 uS/cm
3	463.144 cps	25100.000 uS/cm

4	996.881	cps	50500.000	uS/cm
5		cps		uS/cm
6		cps		uS/cm
7		cps		uS/cm
8		cps		uS/cm
9		cps		uS/cm
10		cps		uS/cm

Temperature Calibration Report

Serial Number: 31  
Tool Model: SONDEX  
Performed: Wed Mar 23 11:09:51 2011

Point #	Reading		Reference	
1	124.64	cps	31.00	degF
2	327.04	cps	79.00	degF
3	985.65	cps	212.00	degF
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	0.70		TEMP-SONDEX (31)	1.20	1.63	10.00
FRES	0.50		FRT-SONDEX (31)	0.60	1.69	10.00

Dataset: davieiw2.db: field/well/run7/pass18  
Total Length: 1.80 ft  
Total Weight: 20.00 lb  
O.D.: 1.69 in