



**YOUNGQUIST
BROTHERS, Inc**
GEOPHYSICAL LOGGING DIVISION

**FLUID CONDUCTIVITY
TEMPERATURE
LOG**

Company TOWN OF DAVIE/AECOM
Well IW-1
Field DAVIE
County BROWARD State FL

Location: TOWN OF DAVIE WWTP
API #: TOWN OF DAVIE WWTP
LAT 26 05 10.78 N
LON 80 14 37.96 W
SEC 22 TWP 50S RGE 41E
Permanent Datum Ground Level Elevation 6.2' NGVD
Log Measured From G.L. R.B. 1928
Drilling Measured From G.L. D.F. 10.2'
G.L. 6.2' NGVD.29

Date	14-FEB-2011		
Run Number	FOUR		
Depth Driller	2100'		
Depth Logger	2100'		
Bottom Logged Interval	2100'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	9.4/46		
Max. Recorded Temp.	131.7F		
Estimated Cement Top	NA		
Time Well Ready	1630		
Time Logger on Bottom	1700		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MOREY		
Witnessed By	S. ENGLISH		

Borehole Record		Borehole Record	
Run Number	Bit	From	To
ONE	68.5"	SURFACE	254'
TWO	58.5"	SURFACE	980'
THREE	12.25"	CASING	2100'

Size	Wgt/Ft	Top	Bottom
60"	.375" W.T.	SURFACE	250'
50"	.375" W.T.	SURFACE	975'

<<< Fold Here >>>

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

XY CALIPER/GAMMA RAY
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC
FLOWMETER
BOREHOLE TELEVIEWER

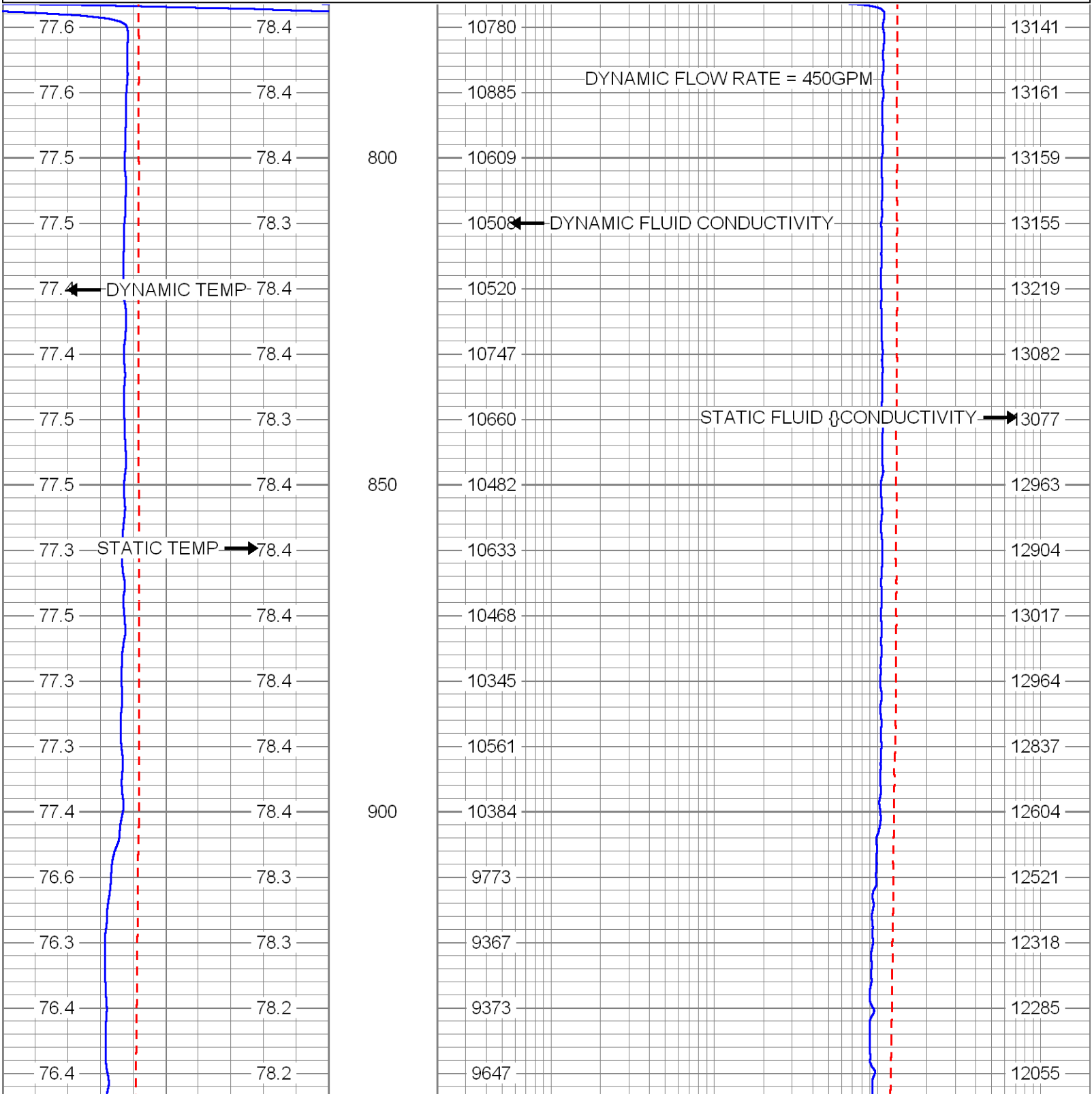
DYNAMIC FLOWRATE = 450 GPM

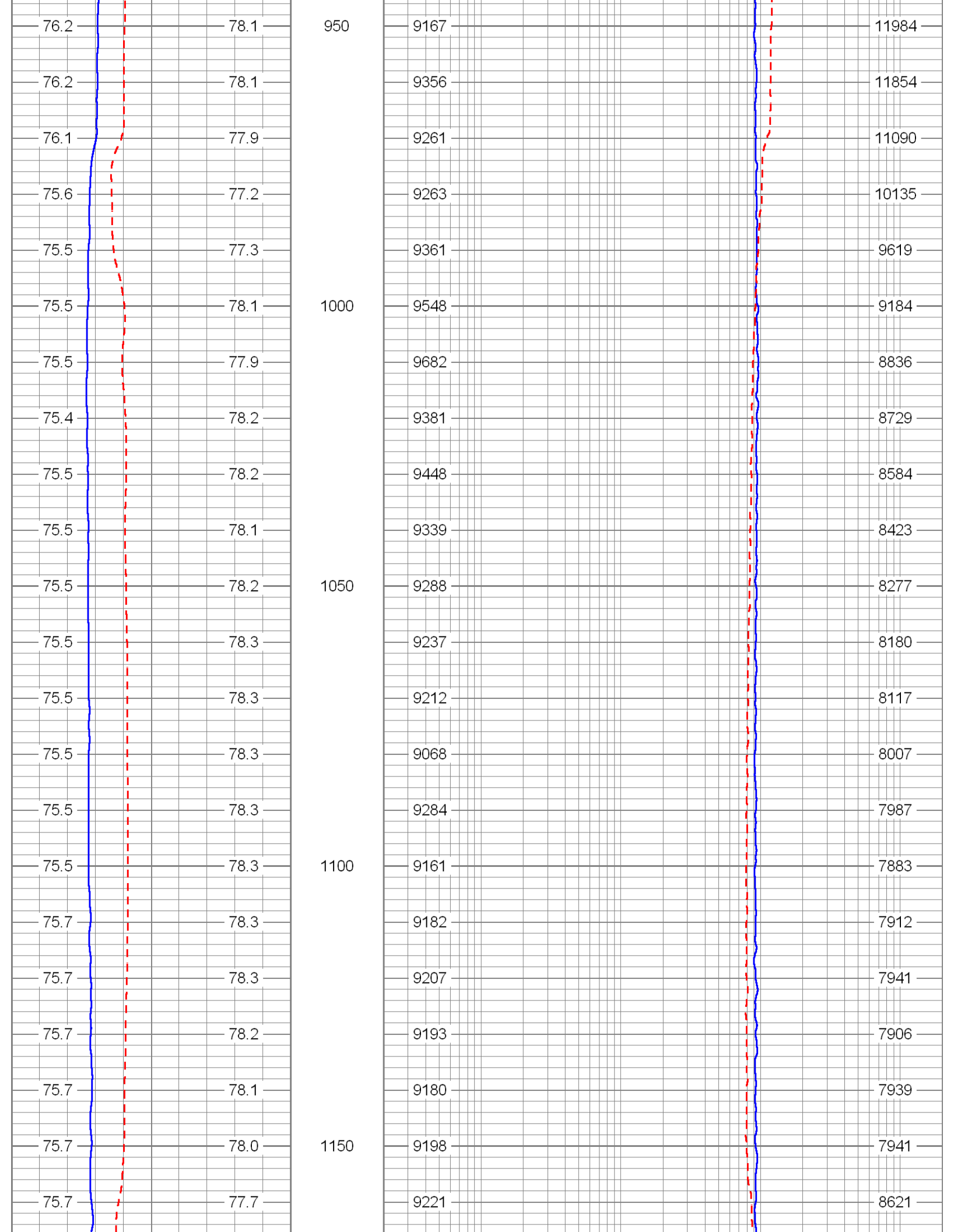


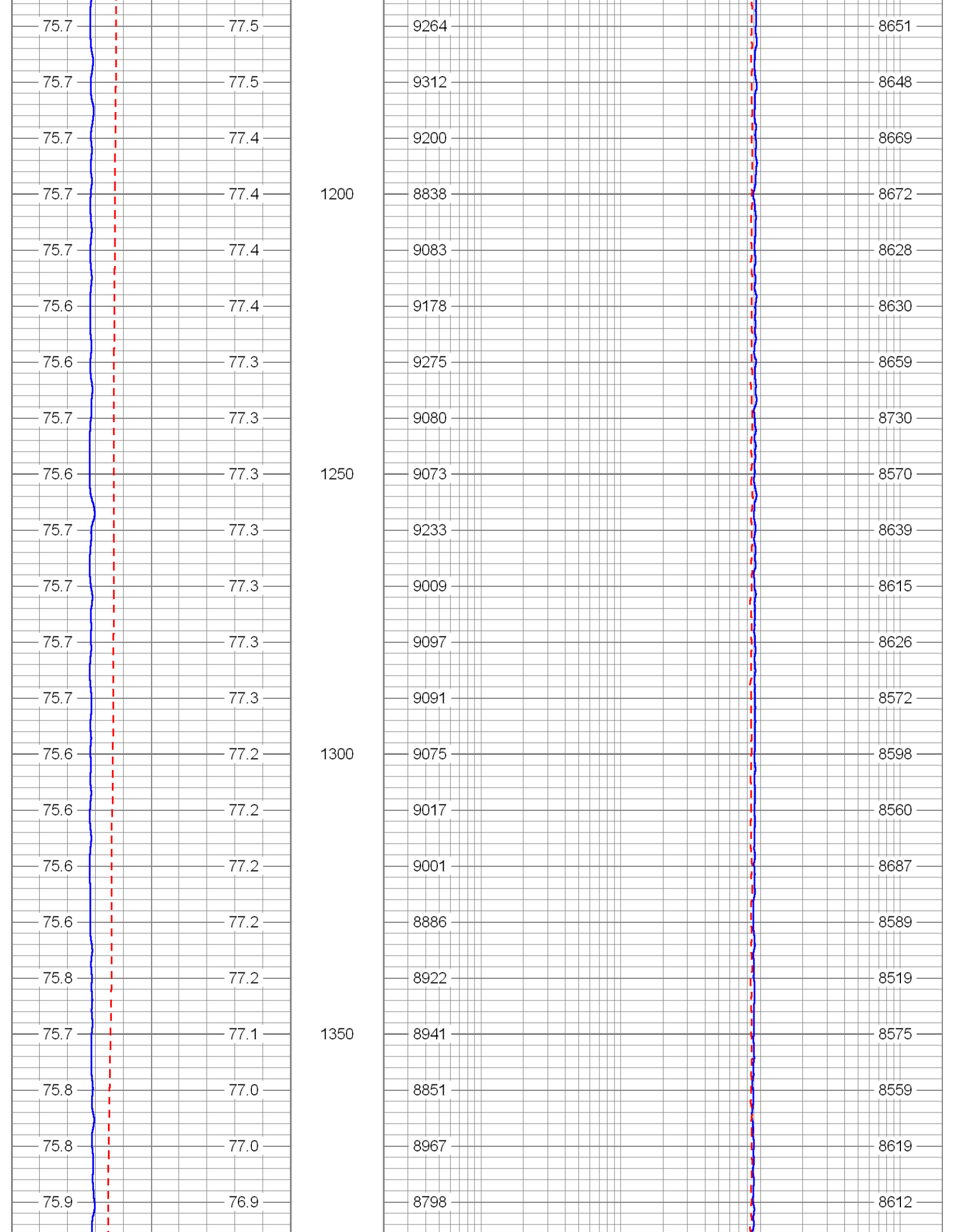
DYNAMIC FCT (450 GPM)

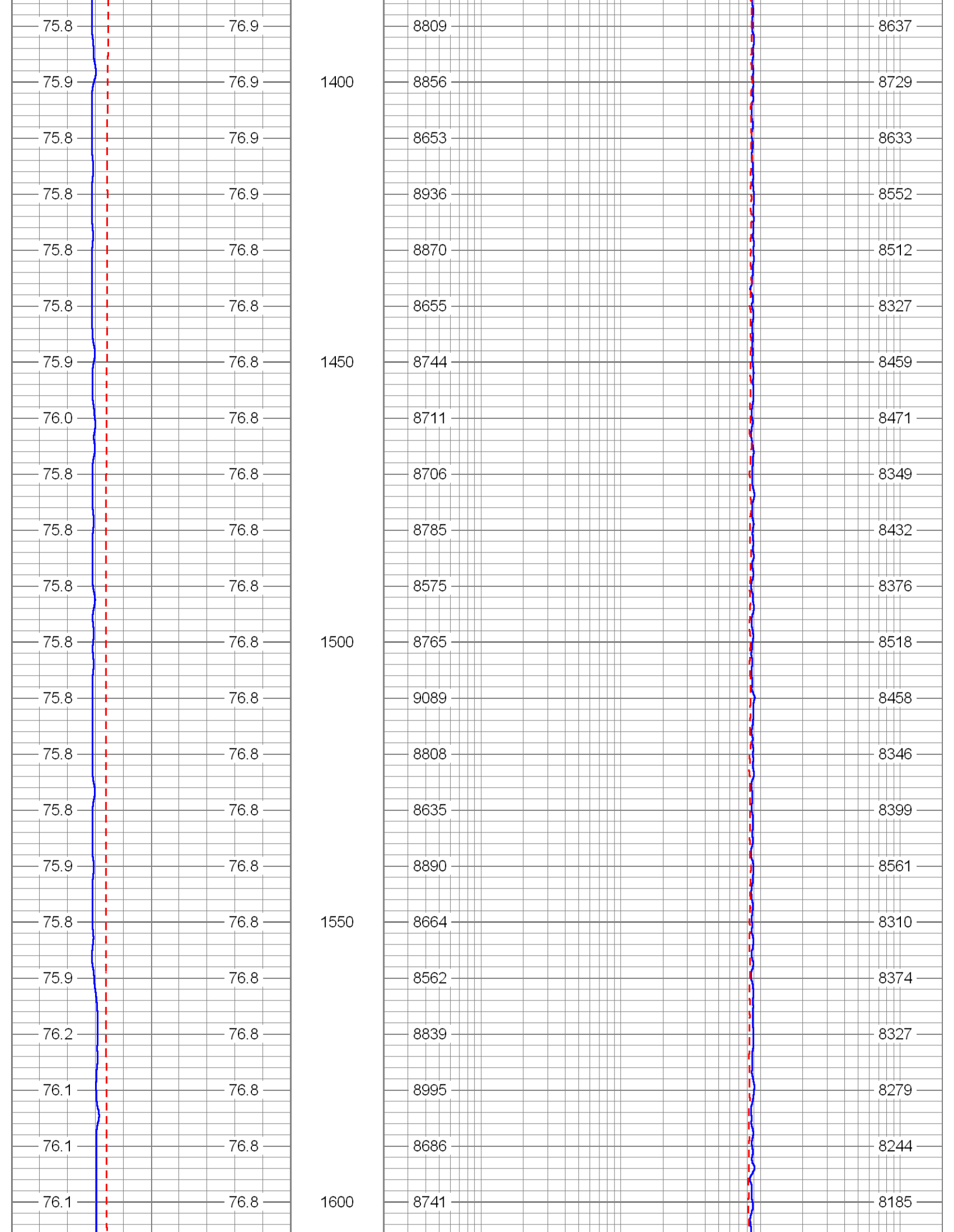
Database File: daview1.db
 Dataset Pathname: run4/pass16
 Presentation Format: fit_mg
 Dataset Creation: Tue Feb 15 03:46:18 2011 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240

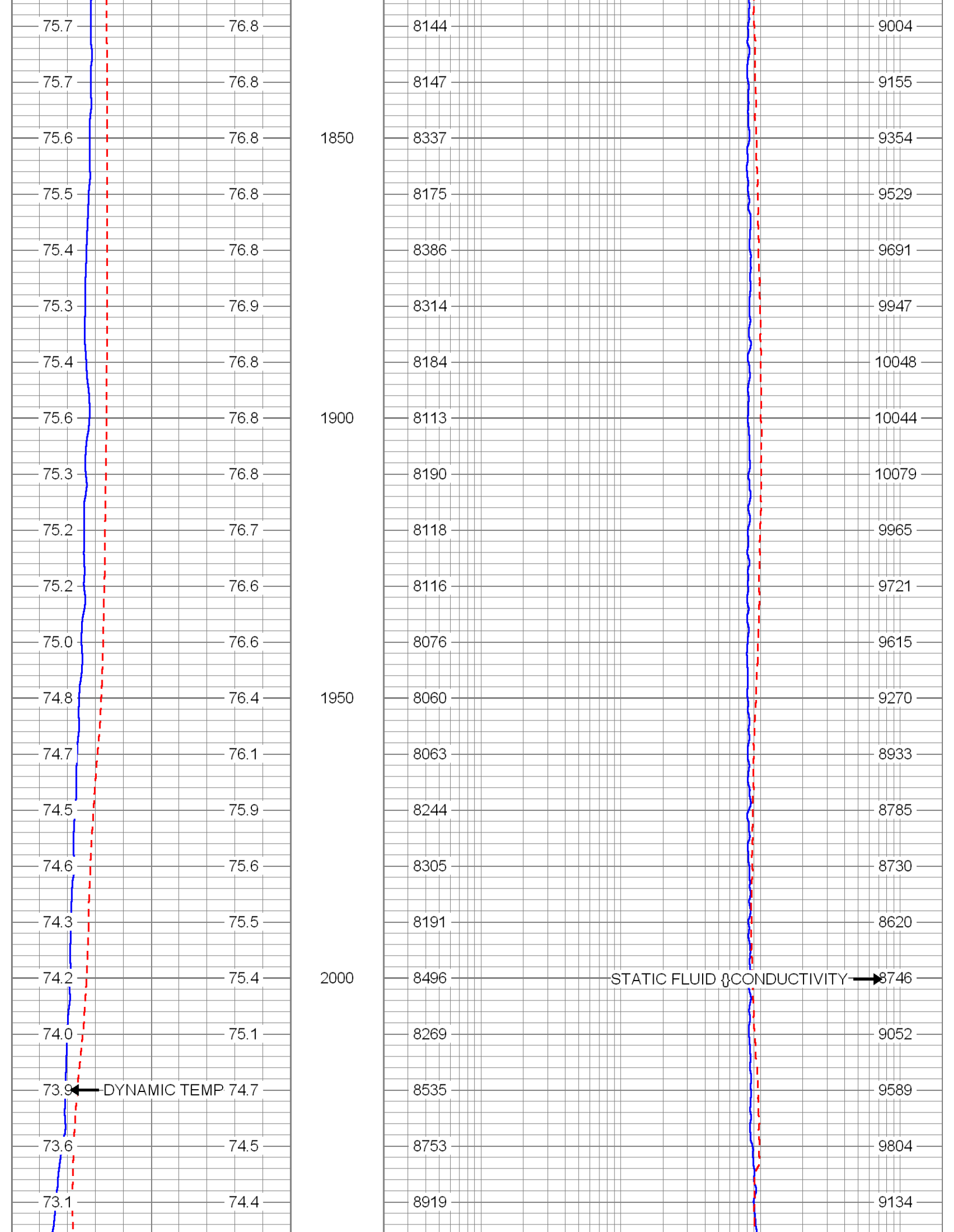
70	DYNAMIC TEMP (degF)	90	20	DYNAMIC FLUID CONDUCTIVITY (uS) (uS/cm)	200000
70	STATIC TEMP (degF)	90	20	STATIC FLUID CONDUCTIVITY (uS) (uS/cm)	200000
DYNAMIC TEM (degF)	STATIC TEMF (degF)		FLUID COND (uS/cm)		STATIC FLUID CONDUCTIVIT (uS/cm)

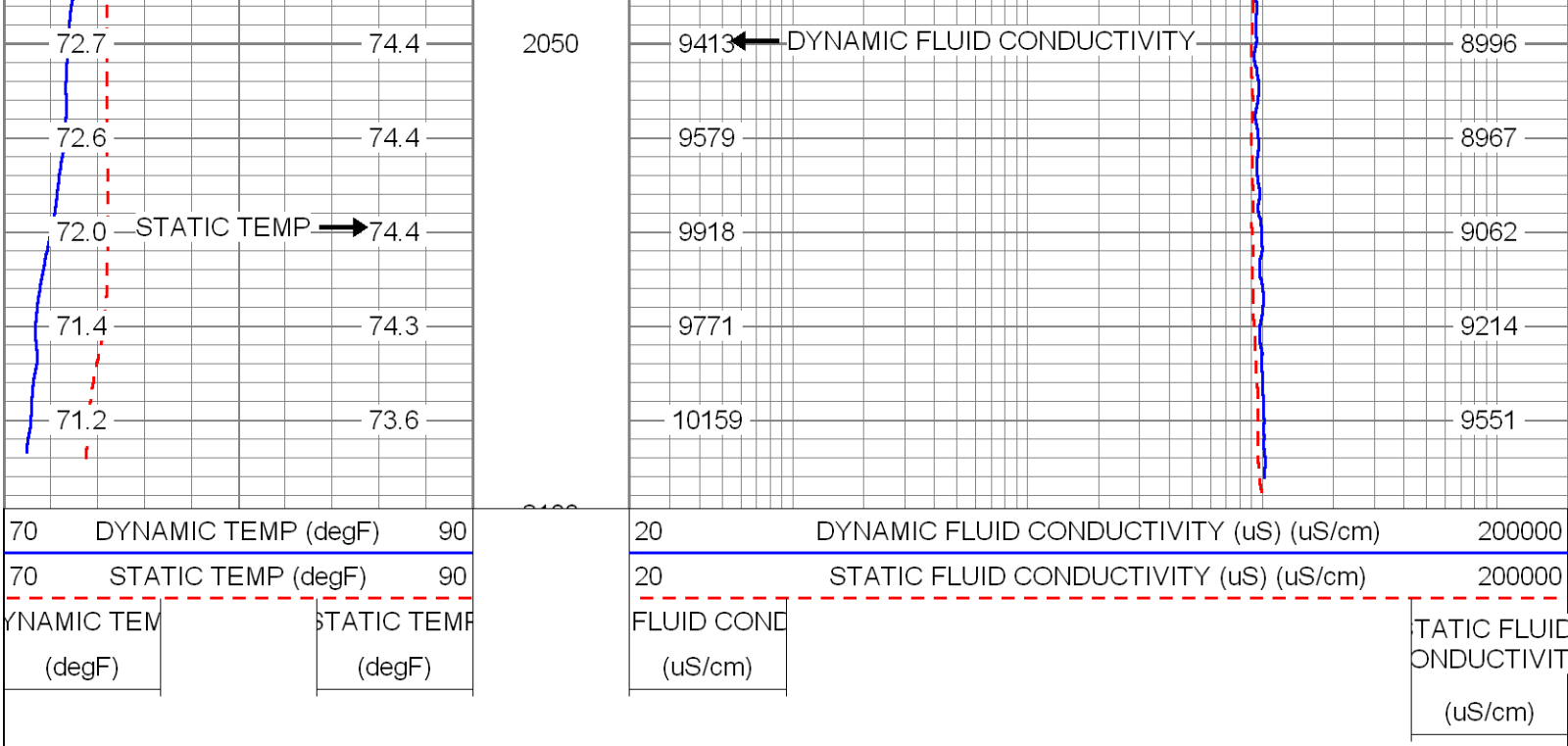












Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	0.70		TEMP-SONDEX (31)	1.20	1.63	10.00
FRES	0.50		FRT-SONDEX (31)	0.60	1.69	10.00
		Dataset:	daview1.db: field/well/run4/pass16			
		Total Length:	1.80 ft			
		Total Weight:	20.00 lb			
		O.D.:	1.69 in			

Calibration Report

Database File: daview1.db
Dataset Pathname: run4/pass16
Dataset Creation: Tue Feb 15 03:46:18 2011 by Log Open-Cased 100827

FRT Calibration Report

Serial Number:	31				
Tool Model:	SONDEX				
Performed:	Fri Feb 19 14:30:36 2010				
Point #	Reading		Reference		
1	0.731	cps	1100.000	uS/cm	
2	116.541	cps	10000.000	uS/cm	
3	401.744	cps	25000.000	uS/cm	
4	1152.340	cps	50000.000	uS/cm	
5		cps		uS/cm	
6		cps		uS/cm	
7		cps		uS/cm	

8
9
10

cps
cps
cps

uS/cm
uS/cm
uS/cm

Temperature Calibration Report

Serial Number:
Tool Model:
Performed:

31
SONDEX
Fri Feb 19 14:24:21 2010

Point #	Reading		Reference	
1	119.10	cps	34.00	degF
2	334.81	cps	82.00	degF
3	698.66	cps	158.00	degF
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF