



**YOUNGQUIST
BROTHERS, Inc**

GEOPHYSICAL LOGGING DIVISION

2009 APR 13 A 9:43

**FLUID CONDUCTIVITY
TEMPERATURE
SOLID LOG**

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE
State FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL

Location
MALCOLM PIRNIE/MCNABB HYDROGEOLOGICAL

Permanent Datum
Log Measured From
Drilling Measured From

Elevation

Other Services
SEE COMMENTS

Date 06-MAY-2008

Run Number EIGHT

Depth Driller 3030'

Depth Logger 3030'

Bottom Logged Interval 3030'

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 ON ARRIVAL

Time Logger on Bottom 1700

Equipment Number 103

Location FT MYERS

Recorded By FULLER

Witnessed By M BLACK

Borehole Record		Borehole Record	
Run Number	Bit	Run No.	To
ONE	12.25" SURFACE	FIVE	12.25"
TWO	64" SURFACE	SIX	42.5"
THREE	14.75" CASING	EIGHT	12.25"
FOUR	52" CASING		

Casing Record		Bottom	
Surface String	Size	Wdgt	Bottom
Surface String	54"	375 W.T.	220'
Prot. String	44"	375 W.T.	710'
Production String	34"	375 W.T.	1370'
Liner			

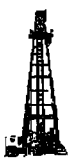
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

X-Y CALIPER/GAMMA RAY
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC
FLOW METER

DYNAMIC FLOW RATE = 130 GPM



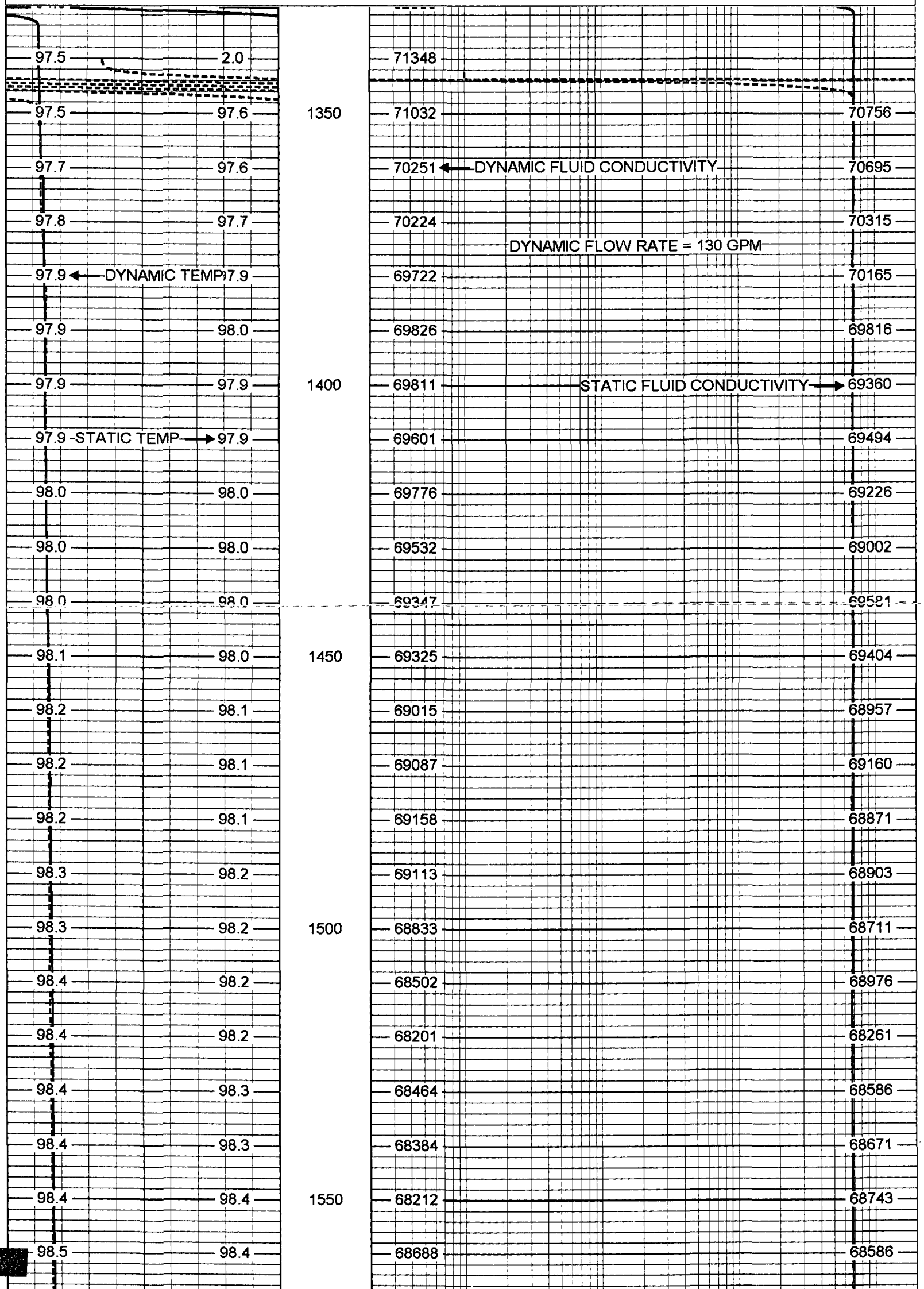
**YOUNGQUIST
BROTHERS, Inc**
GEOPHYSICAL LOGGING DIVISION

MERGED FCT

Database File: btstoiw2.db
Dataset Pathname: run8/pass12
Presentation Format: frt_mg
Dataset Creation: Wed May 07 12:59:44 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

95 DYNAMIC TEMP (degF) 115
 95 STATIC TEMP (degF) 115

20 DYNAMIC FLUID CONDUCTIVITY (uS) 200000
 20 STATIC FLUID CONDUCTIVITY (uS) 200000



98.5	98.4
98.5	98.5
98.5	98.5
98.5	98.5
98.6	98.5
98.7	98.5
98.7	98.5
98.7	98.5
98.7	98.5
98.7	98.5
98.7	98.5
98.7	98.6
98.7	98.6
98.7	98.6
98.7	98.7
98.7	98.8
98.7	98.7
98.7	98.7
98.7	98.7
98.7	98.7
98.7	98.7
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98.7	98.8
98.7	98.8
98.7	98.8
98.7	98.7

1600

1650

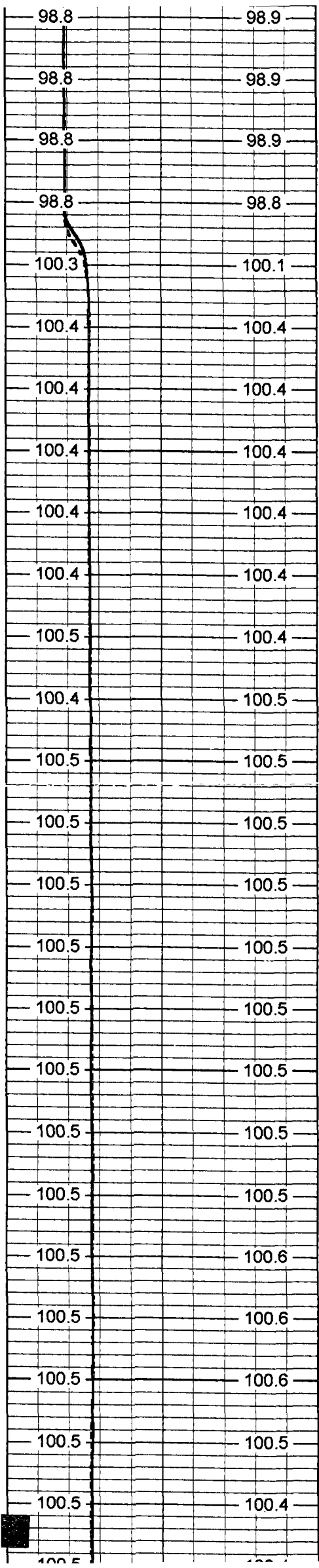
1700

1750

1800

69303	68276
69500	68178
69180	67567
69576	67703
69476	67682
69907	67603
70000	67971
69790	68011
70053	69234
69873	68994
70275	69492
70129	69266
70135	69417
70316	69013
71403	70482
71308	70845
71574	70592
71509	71242
71400	71426
71305	71004
71254	70558
71392	71198
71459	71404
71387	71290
71138	71228
71404	70767

98.7	98.8		71378	71193
98.7	98.7		71343	71265
98.7	98.8	1850	71456	71132
98.7	98.7		71370	70705
98.7	98.8		71324	70592
98.7	98.7		71595	70853
98.7	98.7		71613	70204
98.7	98.8	1900	71430	70731
98.8	98.7		71371	70836
98.8	98.8		71596	70852
98.7	98.7		71294	70576
98.8	98.8		71232	70501
98.8	98.8	1950	71510	70891
98.8	98.8		71713	71070
98.8	98.8		71528	71175
98.8	98.8		71447	71497
98.8	98.8		71582	70733
98.8	98.8	2000	71758	70926
98.8	98.8		71592	70573
98.8	98.8		71724	70396
98.8	98.8		71634	70435
98.8	98.8		71541	70884
98.8	98.8	2050	71629	71552
98.8	98.8		71845	70876
98.8	98.8		71506	71482



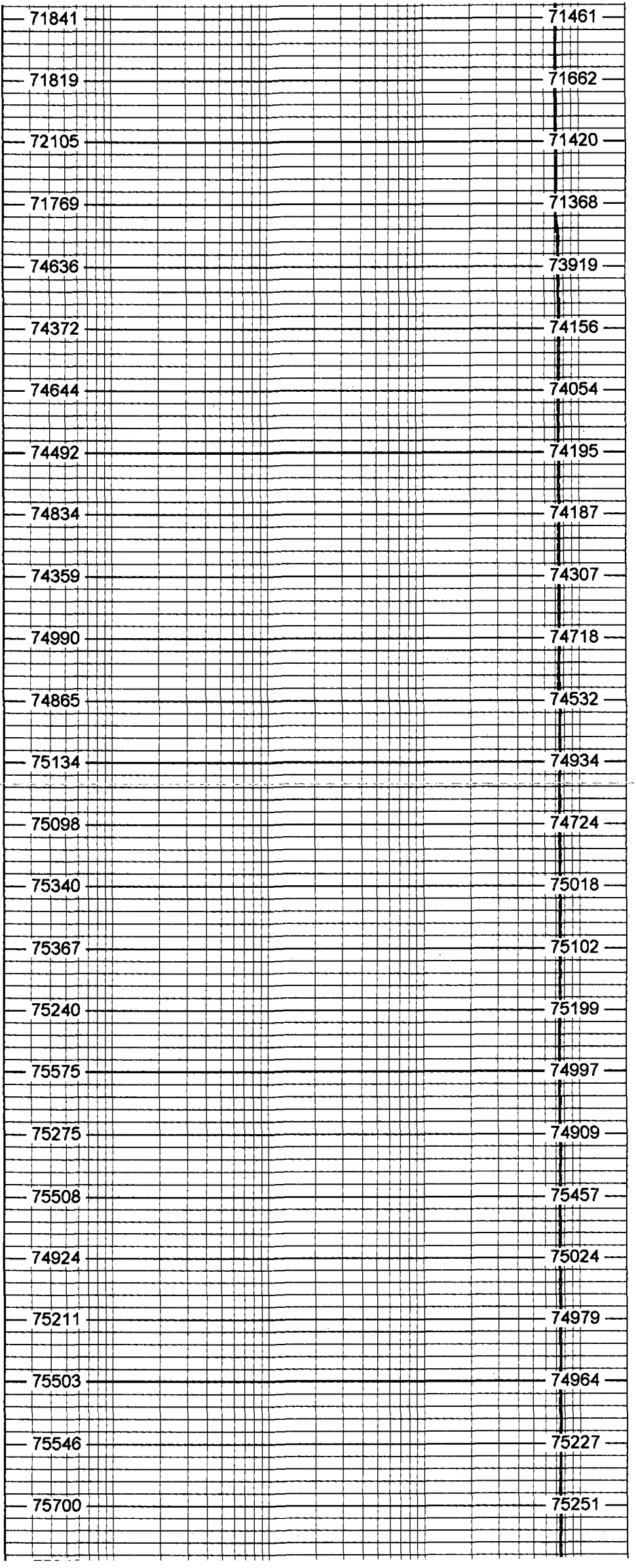
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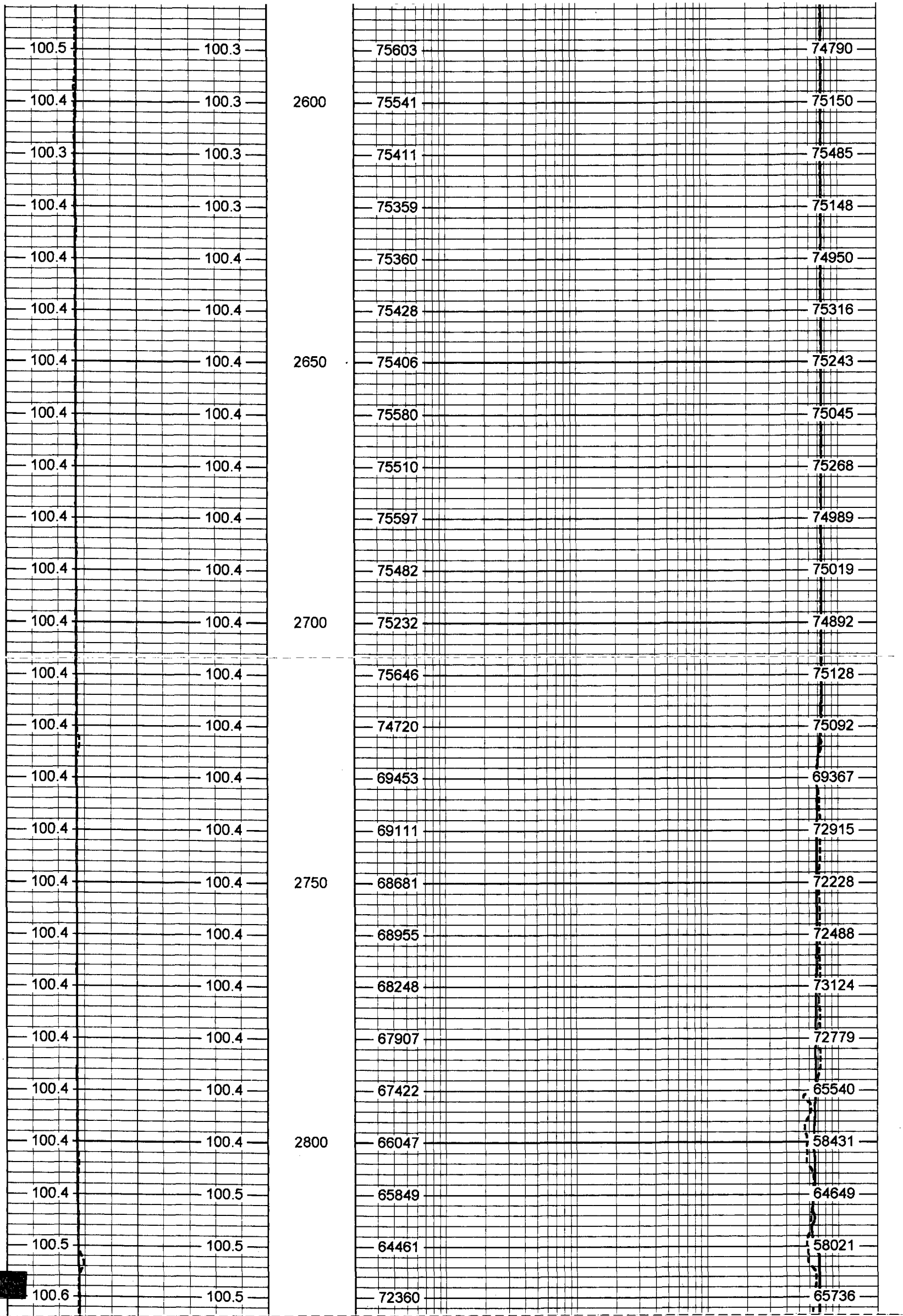
2400

2450

2500

2550





2600

2650

2700

2750

2800

74790

75150

75485

75148

74950

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75128

75092

69367

72915

72228

72488

73124

72779

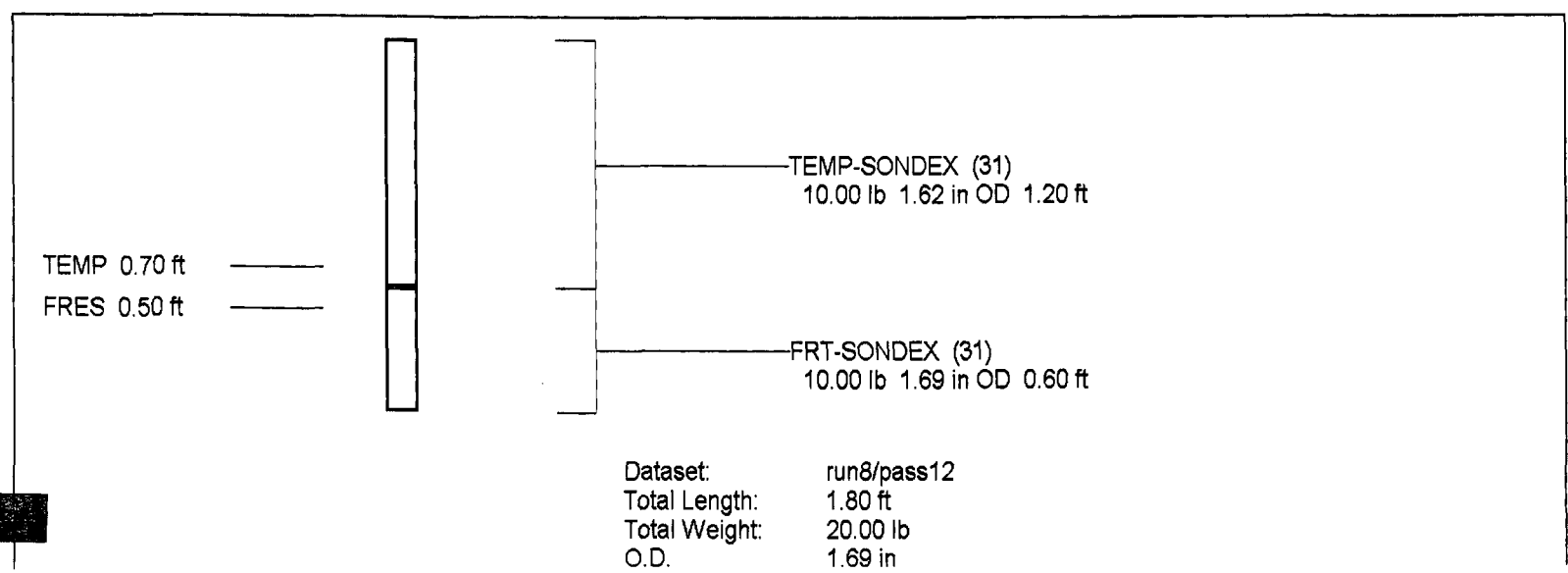
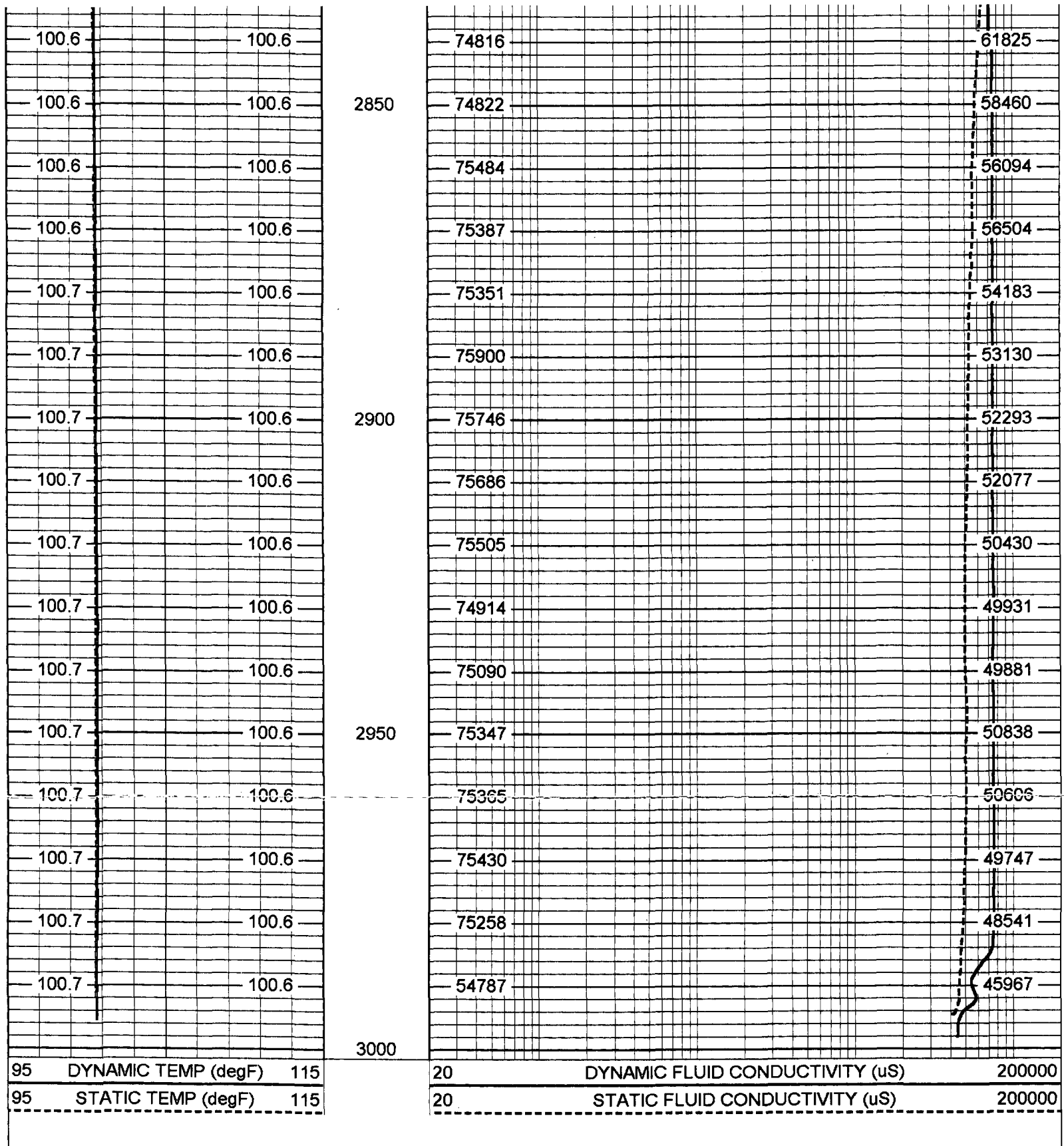
65540

58431

64649

58021

65736



FRT Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Wed Apr 23 13:04:02 2008

Point #	Reading		Reference
1	31.164	cps	1000.000
2	167.193	cps	10000.000
3	415.824	cps	25000.000
4	918.476	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Wed Apr 23 13:13:36 2008

Point #	Reading		Reference	
1	152.98	cps	39	degF
2	330.989	cps	82	degF
3	688.237	cps	157	degF