



**YOUNGQUIST BROTHERS, Inc**  
GEOPHYSICAL LOGGING DIVISION

**FLUID CONDUCTIVITY TEMPERATURE LOG**

Company MWH  
Well DEEP INJECTION WELL #1  
Field LEE COUNTY - THREE OAKS  
County LEE  
State FLORIDA

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Well DEEP INJECTION WELL #1  
Field LEE COUNTY - THREE OAKS  
County LEE  
State FLORIDA

Location	Permanent Datum	Elevation	Other Services
	Log Measured From		SEE COMMENTS
	Drilling Measured From		
		Elevation	

Date	1-APRIL-2005
Run Number	SIX
Depth Driller	3015'
Depth Logger	2990'
Bottom Logged Interval	2990'
Top Log Interval	CASING
Open Hole Size	12.25"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	109 F
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	1600
Equipment Number	103
Location	FT. MYERS
Recorded By	CATHEY
Witnessed By	H. KLEIN

Borehole Record		Tubing Record	
Run Number	Bit	From	To
ONE	12.25"	SURFACE	510'
TWO	48.5"	SURFACE	495'
THREE	12.25"	SURFACE	1830'
FOUR	38.5"	CASING	1535'

Casing Record		Tubing Record	
Surface String	Size	From	To
40"	375' W.T.	SURFACE	490'
30"	375' W.T.	SURFACE	1530'

<<< Fold Here >>>

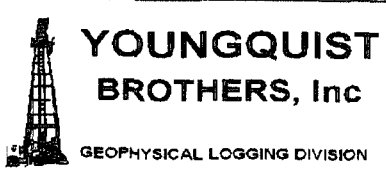
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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**

**OTHER SERVICES:**

- X-Y CALIPER / GAMMA RAY
- DUAL INDUCTION FLOWMETER
- SONIC VIDEO

DYNAMIC FLOWRATE = 240 GPM

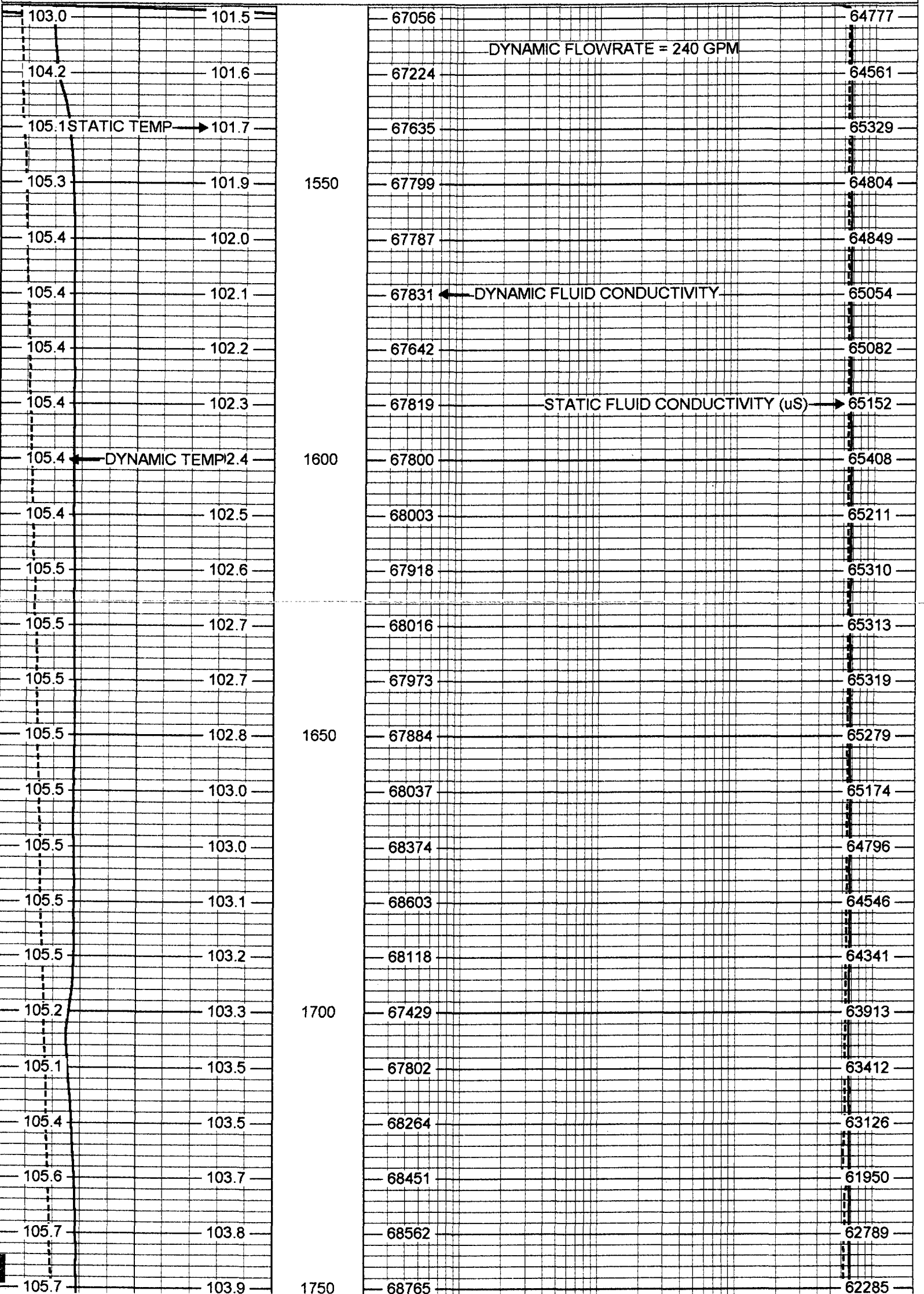


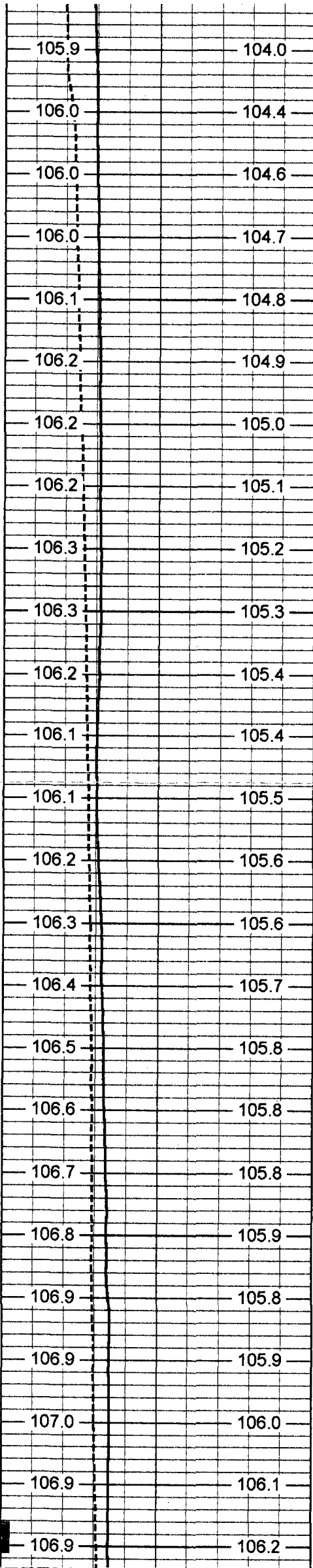
**MERGED FCT**

Database File: 3oaksiw1.db  
 Dataset Pathname: run6/pass12  
 Presentation Format: frt\_mg  
 Dataset Creation: Fri Apr 01 23:41:24 2005 by Log 6.2\_B4

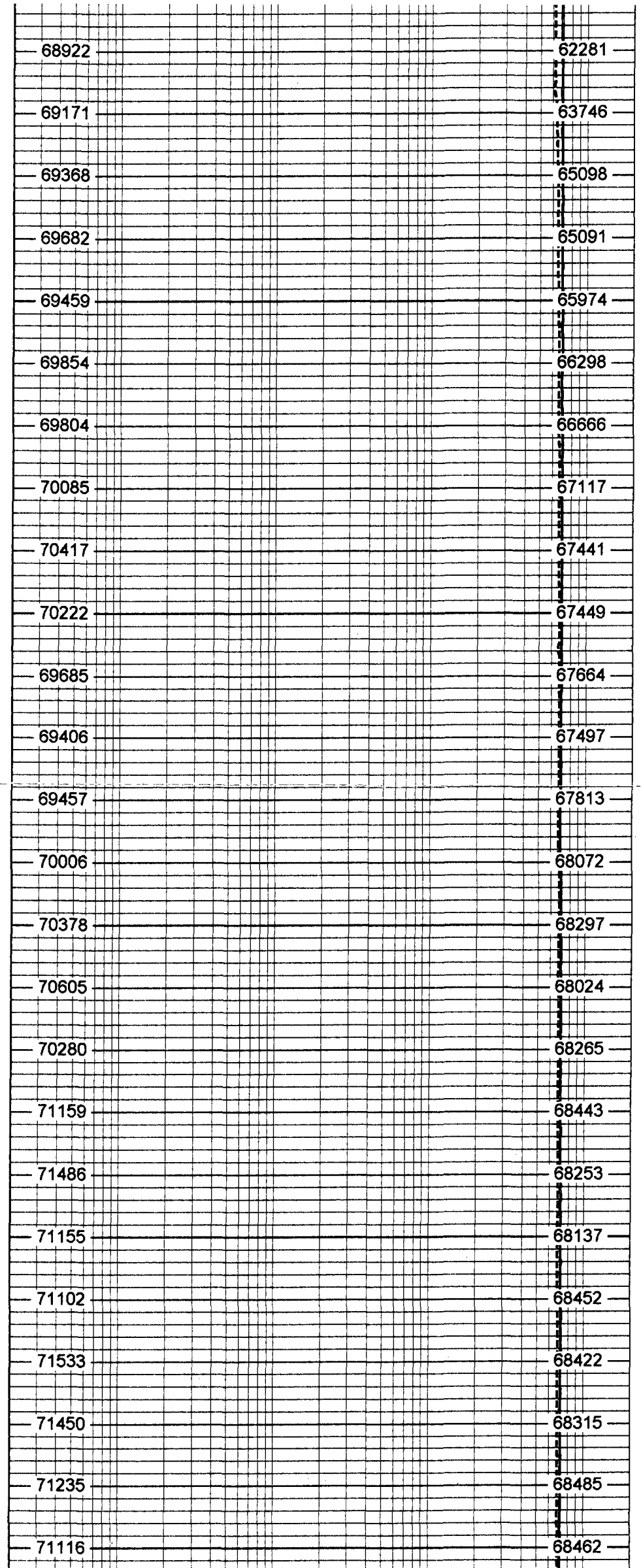
100 DYNAMIC TEMP (degF) 120  
 100 STATIC TEMP (degF) 120

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





1800  
1850  
1900  
1950  
2000



106.9	106.2
106.9	106.3
106.9	106.3
107.0	106.3
107.0	106.3
107.0	106.3
107.1	106.3
107.1	106.3
107.1	106.3
107.1	106.3
107.0	106.2
107.0	106.1
107.1	106.2
107.1	106.1
107.0	106.1
107.1	106.1
107.1	106.1
107.2	106.1
107.2	106.1
107.2	106.1
107.3	106.1
107.4	106.1
107.4	106.2
107.6	106.2
107.7	106.1

2050

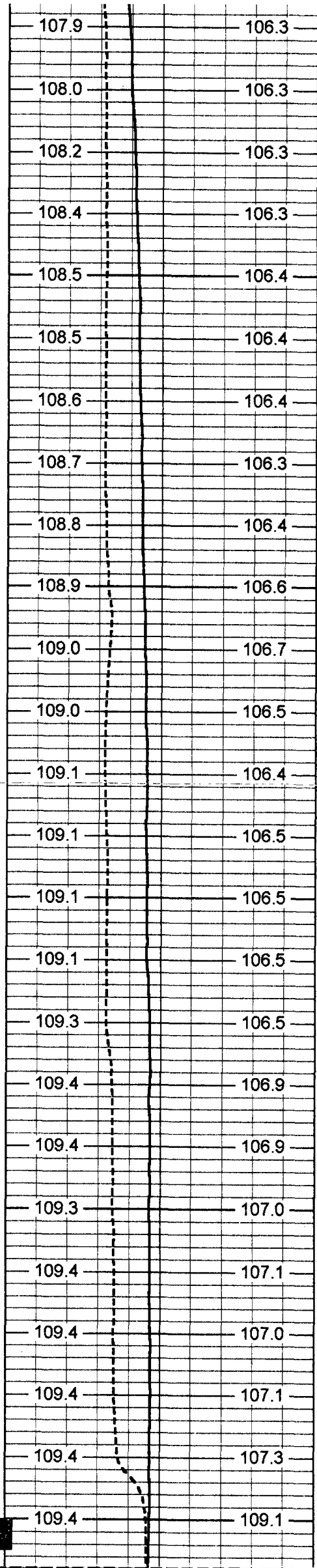
2100

2150

2200

2250

70516	68577
70954	68605
71280	68870
71393	68353
71639	68276
71210	68503
71266	68332
71190	68083
71142	67945
71142	68071
70828	67795
71117	67800
71266	67290
71093	66937
71264	66636
71353	66935
71399	67630
71525	67704
71330	67551
71966	67635
71940	67750
71763	67810
71916	68114
72204	68154
72647	68157



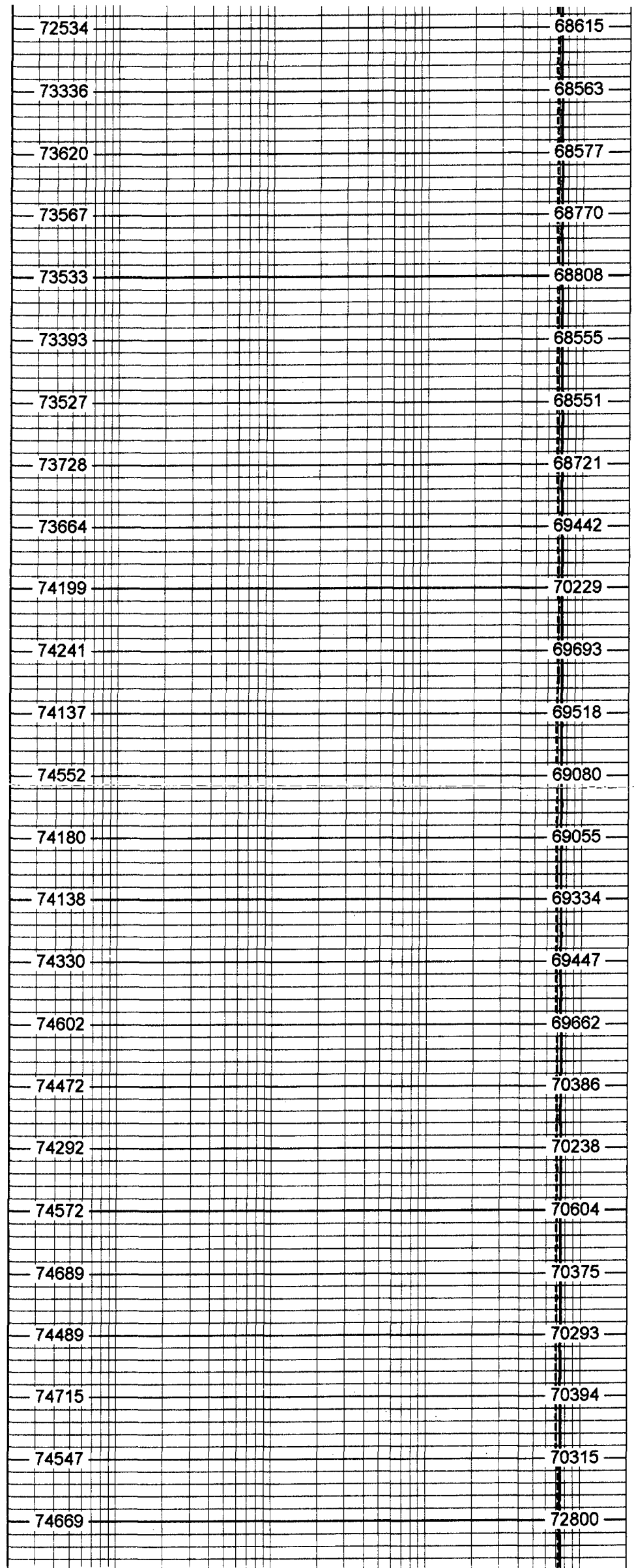
2300

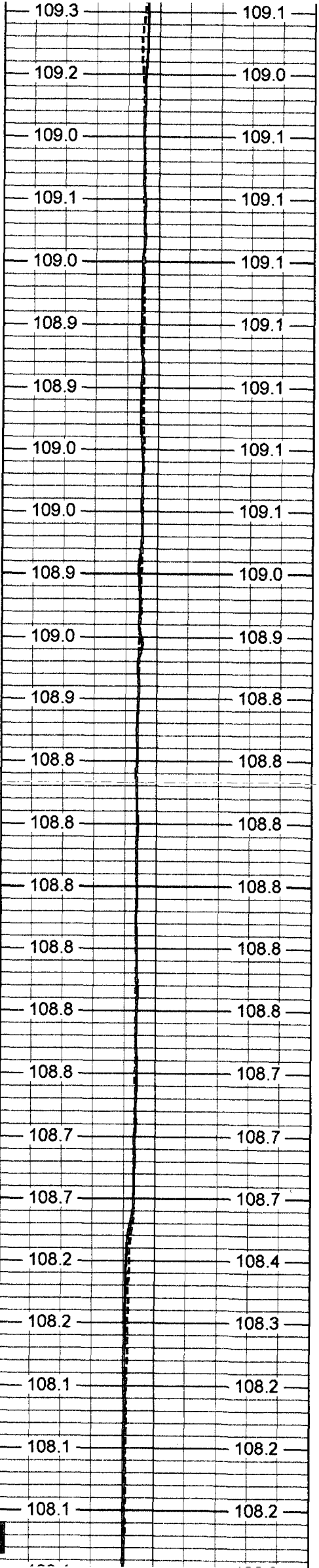
2350

2400

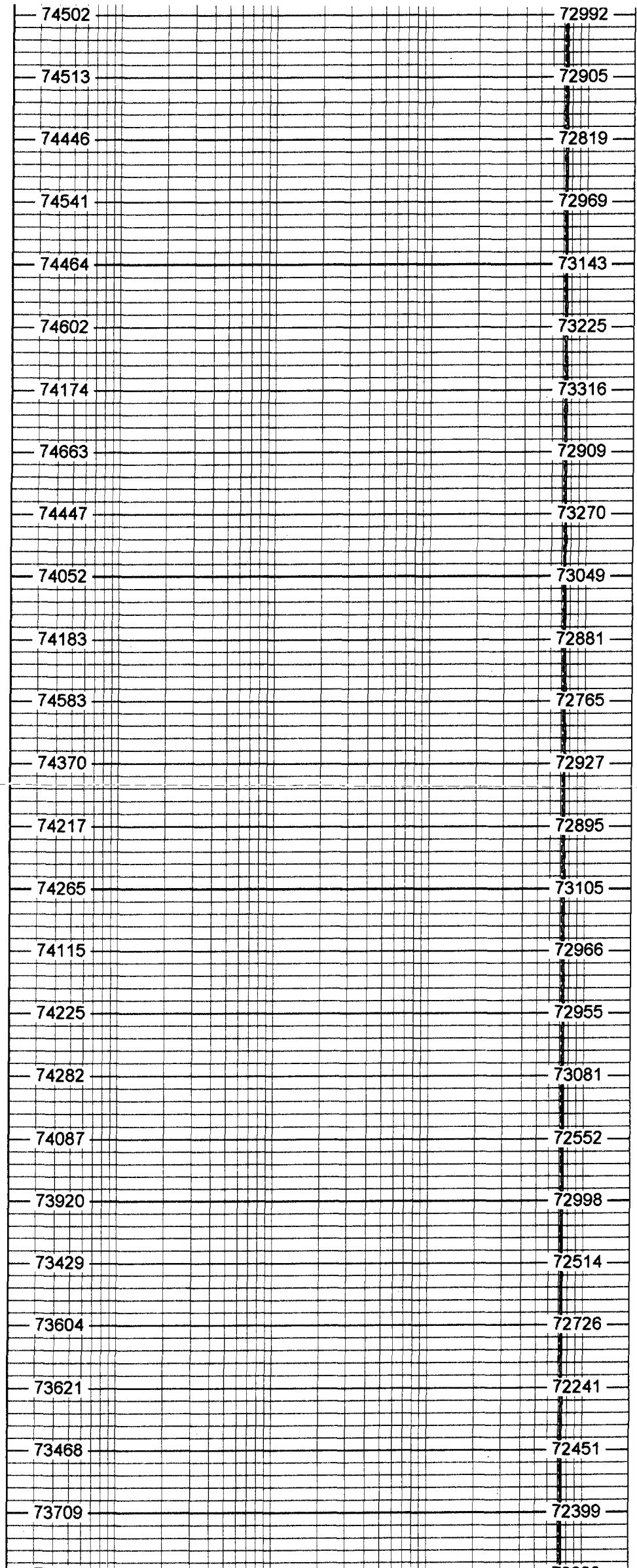
2450

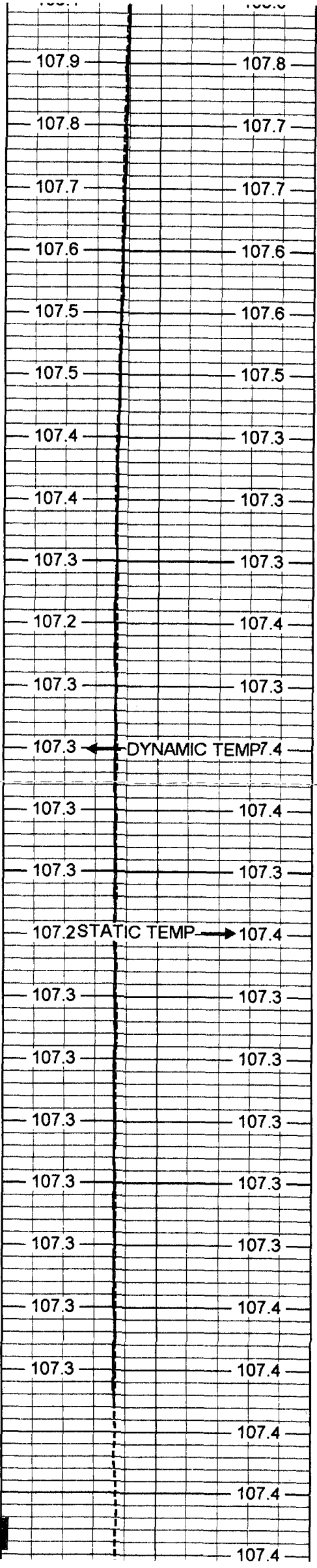
2500





2550  
2600  
2650  
2700  
2750





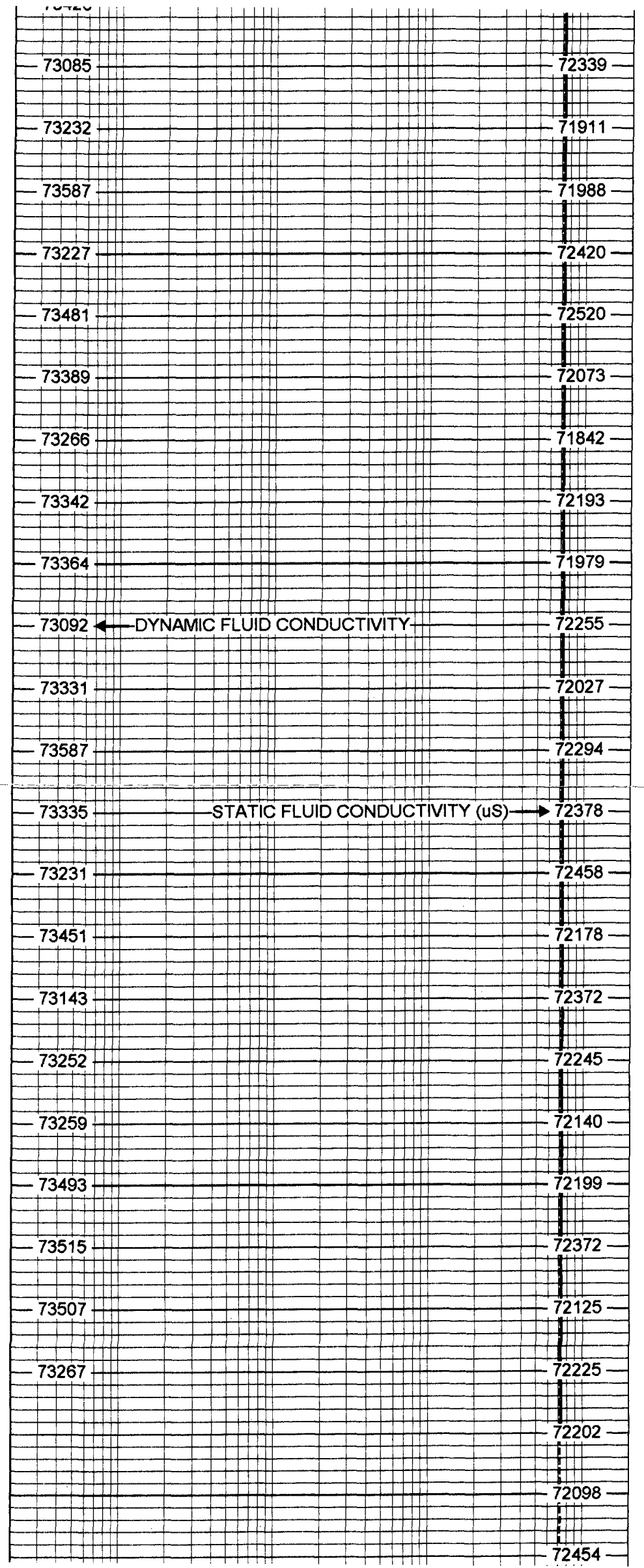
2800

2850

2900

2950

3000



DYNAMIC FLUID CONDUCTIVITY

STATIC FLUID CONDUCTIVITY (uS)

100	DYNAMIC TEMP (degF)	120
100	STATIC TEMP (degF)	120

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

### FRT Calibration Report

Serial Number: 31  
 Tool Model: SONDEX  
 Performed: Thu Apr 22 09:03:45 2004

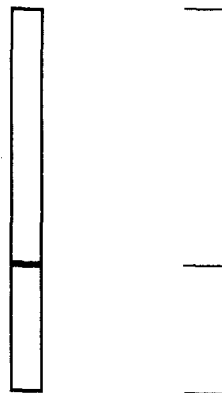
Point #	Reading		Reference
1	30.817	cps	1000.000
2	171.328	cps	10000.000
3	445.517	cps	25000.000
4	965.867	cps	50000.000
5		cps	
6		cps	

### Temperature Calibration Report

Serial Number: 31  
 Tool Model: SONDEX  
 Performed: Thu Apr 22 09:31:10 2004

Point #	Reading		Reference	
1	128.595	cps	41	degF
2	265.557	cps	70	degF
3	697.393	cps	156	degF

TEMP 0.70 ft  
 FRES 0.50 ft



TEMP-SONDEX (31)  
 10.00 lb 1.62 in OD 1.20 ft

FRT-SONDEX (31)  
 10.00 lb 1.69 in OD 0.60 ft

Dataset: run6/pass12  
 Total Length: 1.80 ft  
 Total Weight: 20.00 lb  
 O.D.: 1.69 in