YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

FLUID CONDUCTIVITY TEMPERATURE LOG

Company HAZEN & SAWYER
Well IW #1
Field S. CTY RGL WTP R/O EXP
County COLLIER
State FLORIDA

Company HAZEN & SAWYER
Well IW #1
Field S. CTY REGIONAL WTP R/O EXP
County COLLIER State FLORIDA

Location
NW S35, T49S, R26E

Other Services
SEE COMMENTS

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
G.L. 10'NVGD

Date	16-JAN-2002		
Run Number	SIX		
Depth Driller	3220'		
Depth Logger	3220'		
Bottom Logged Interval	3220'		
Top Log Interval	1250'		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	N/A		
Time Well Ready	0000		
Time Logger on Bottom	0000		
Equipment Number	102 FTM		
Location	FT.MYERS		
Recorded By	LEE		
Witnessed By	A.TOBIAS		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	48.50"	SURFACE	336'				
TWO	12.25"	CASING	1420'				
THREE	40.50	CASING	1305'				
SIX	12.25"	CASING	3220'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	42"	.375 W.T.	SURFACE	330'
Prot. String	34"	.375 W.T.	SURFACE	1300'
Production String				
Liner				

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Comments

X-Y CALIPER
GAMMA RAY
DIL/LL3/SP
BHC SONIC/VDL
FLOWMETER
DHTVS

Entered into OCULUS South District

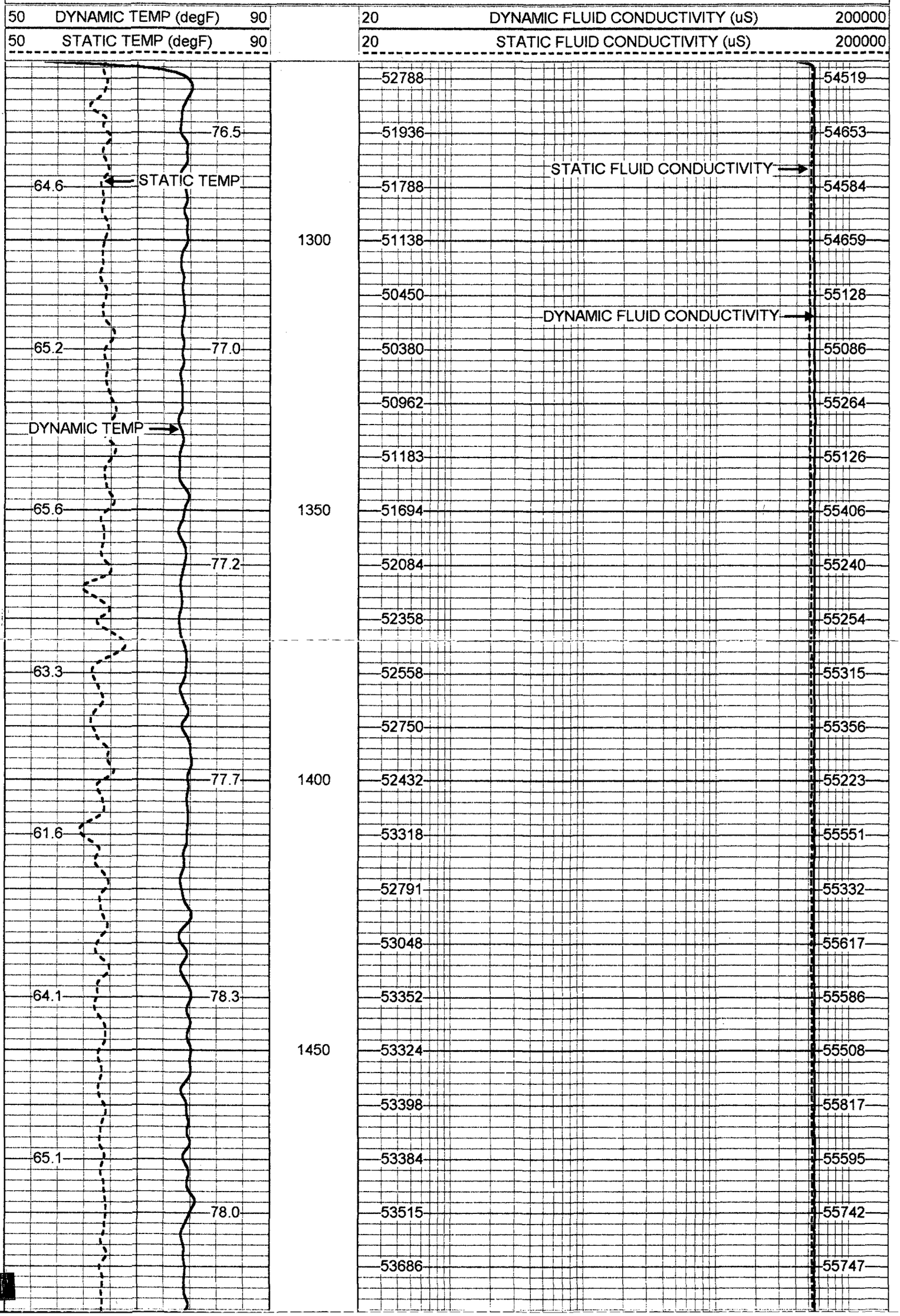
430 GPM

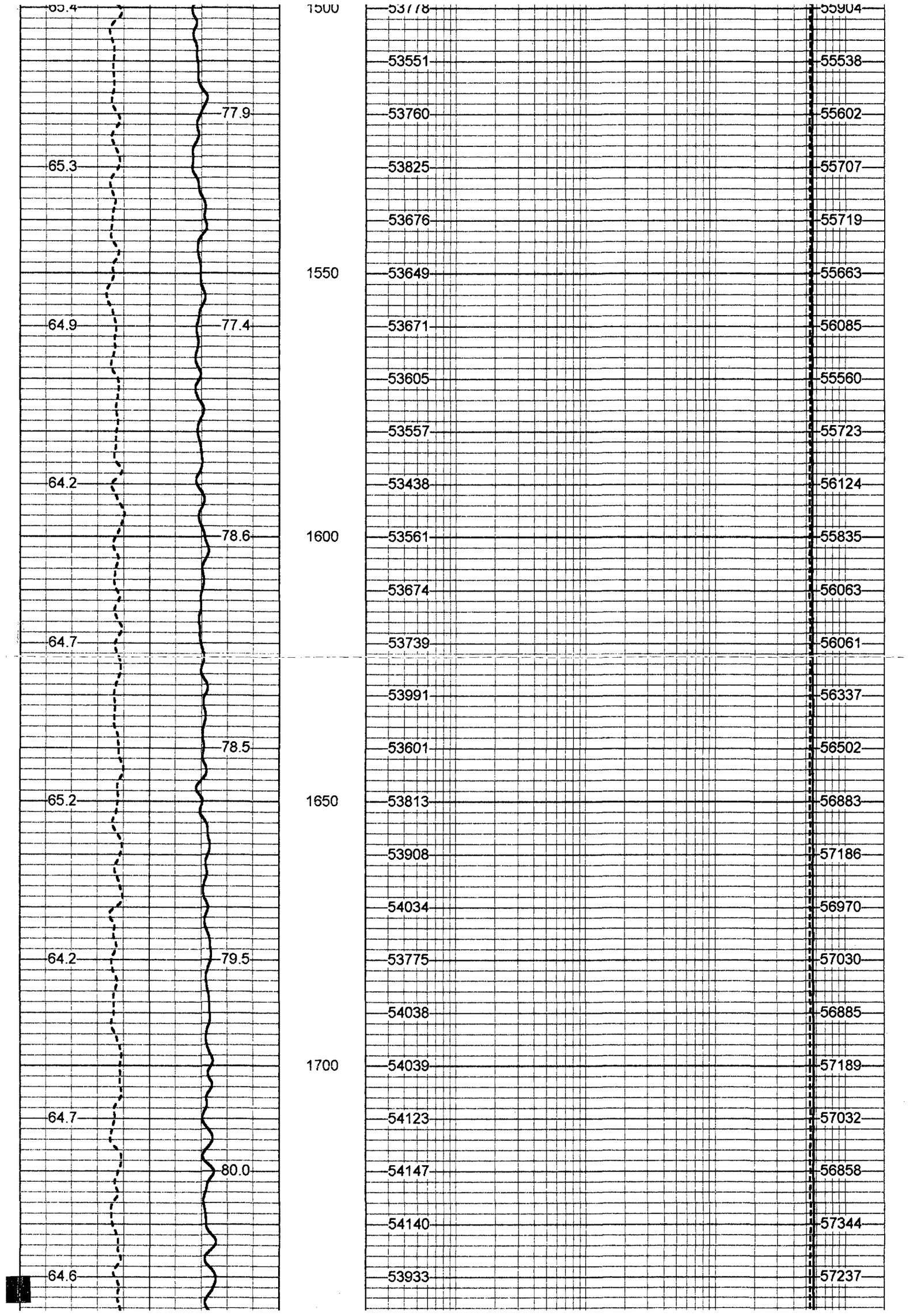
YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

Database File: scriw1.db
Dataset Pathname: run6/FRTDYN
Presentation Format: frt_mg.prs

Charted by: Depth in Feet scaled 1:240

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64.6
1500
1550
1600
1650
1700
53778
53551
53760
53825
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53605
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53438
53561
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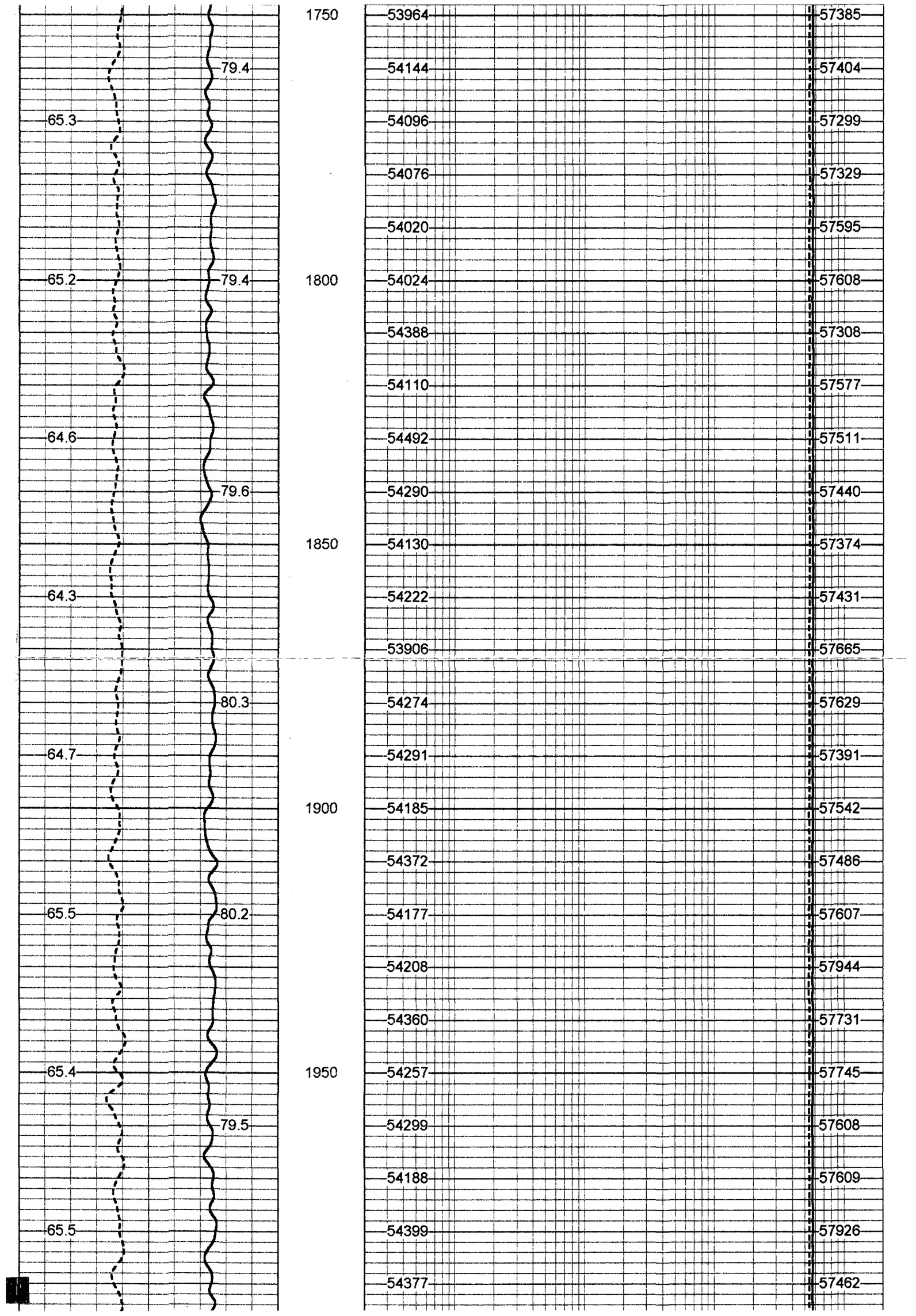
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1800
54024
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54388
57308
54110
57577
64.6
54492
57511
79.6
54290
57440
1850
54130
57374
64.3
54222
57431
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57665
80.3
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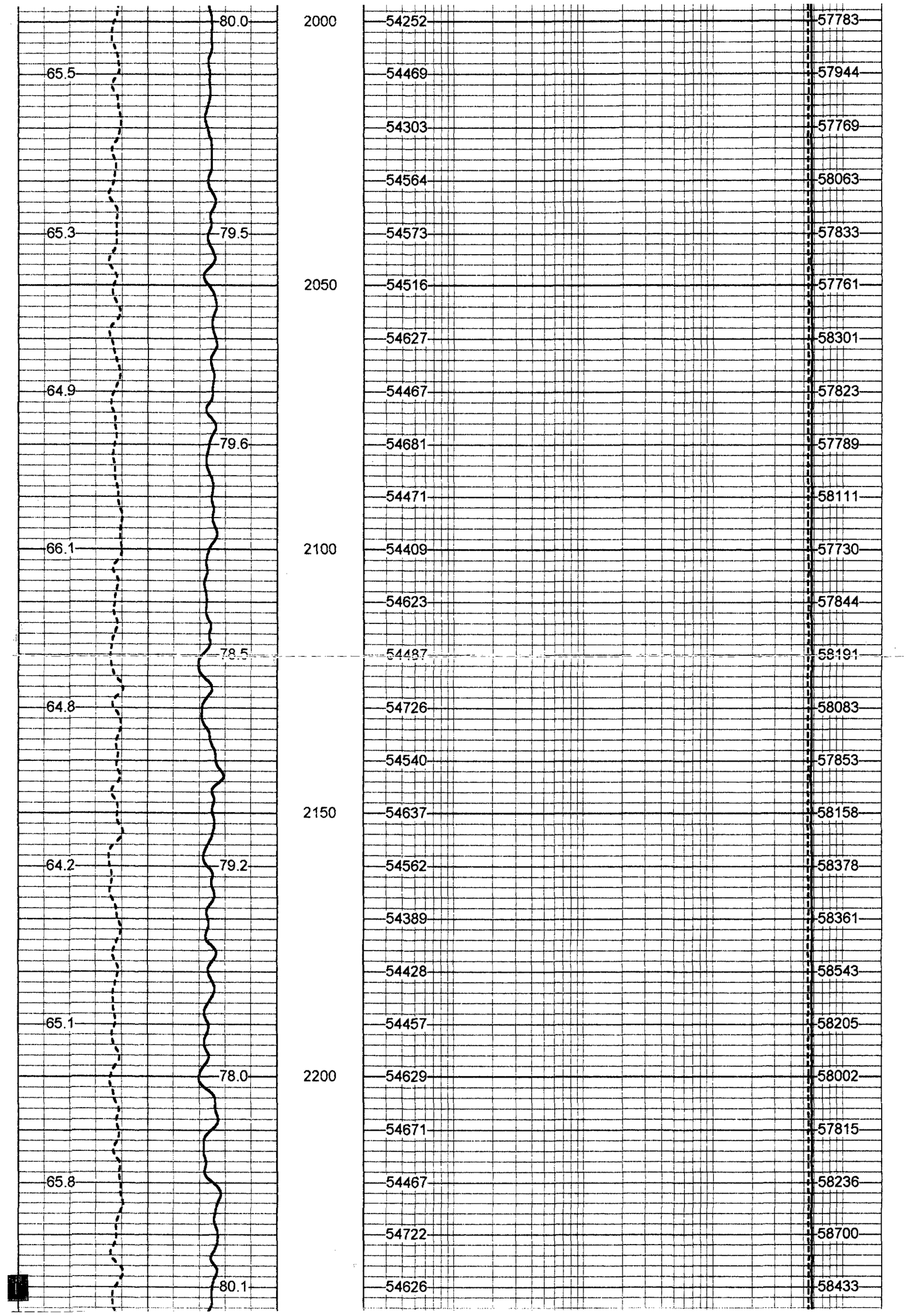
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2100
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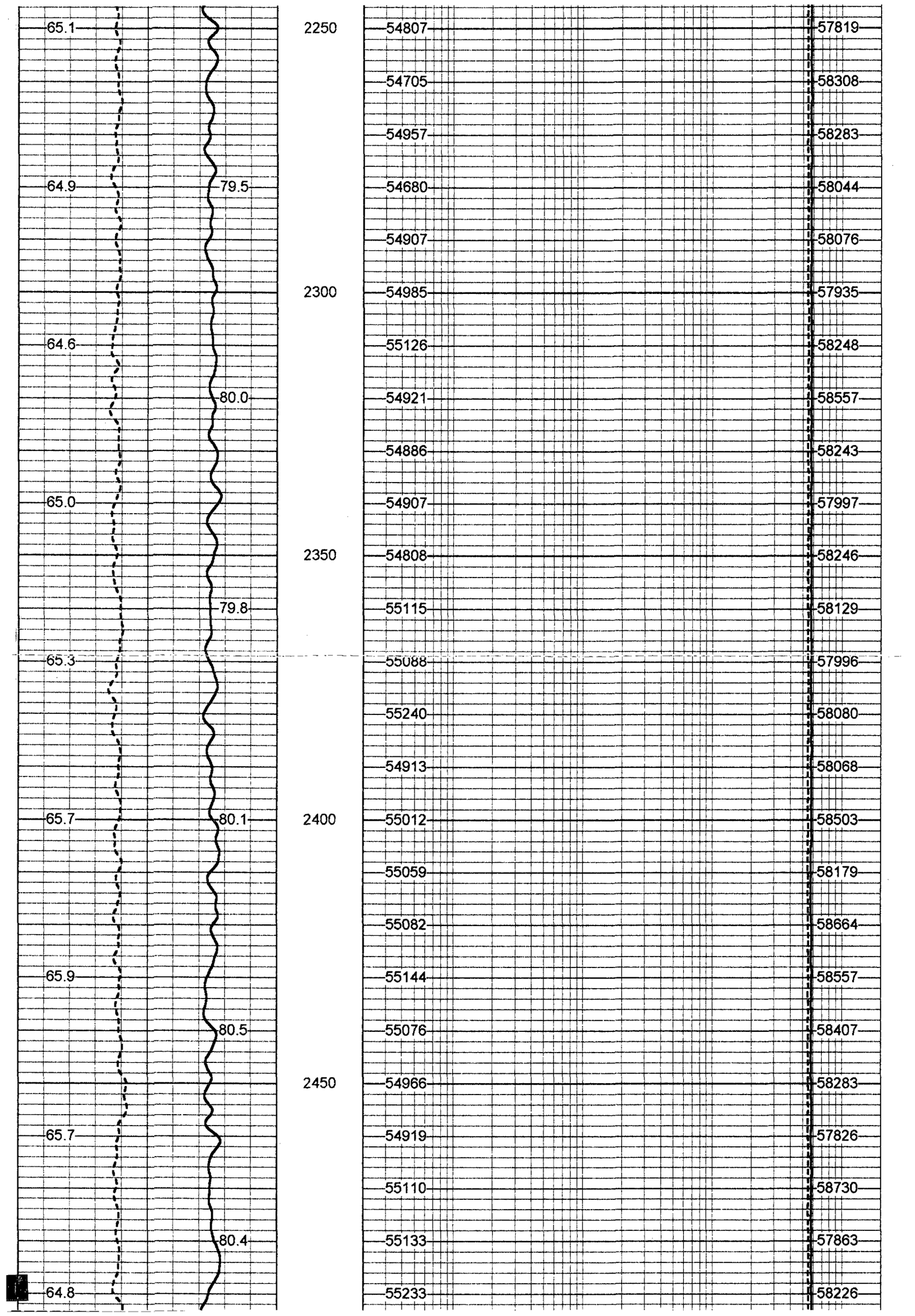
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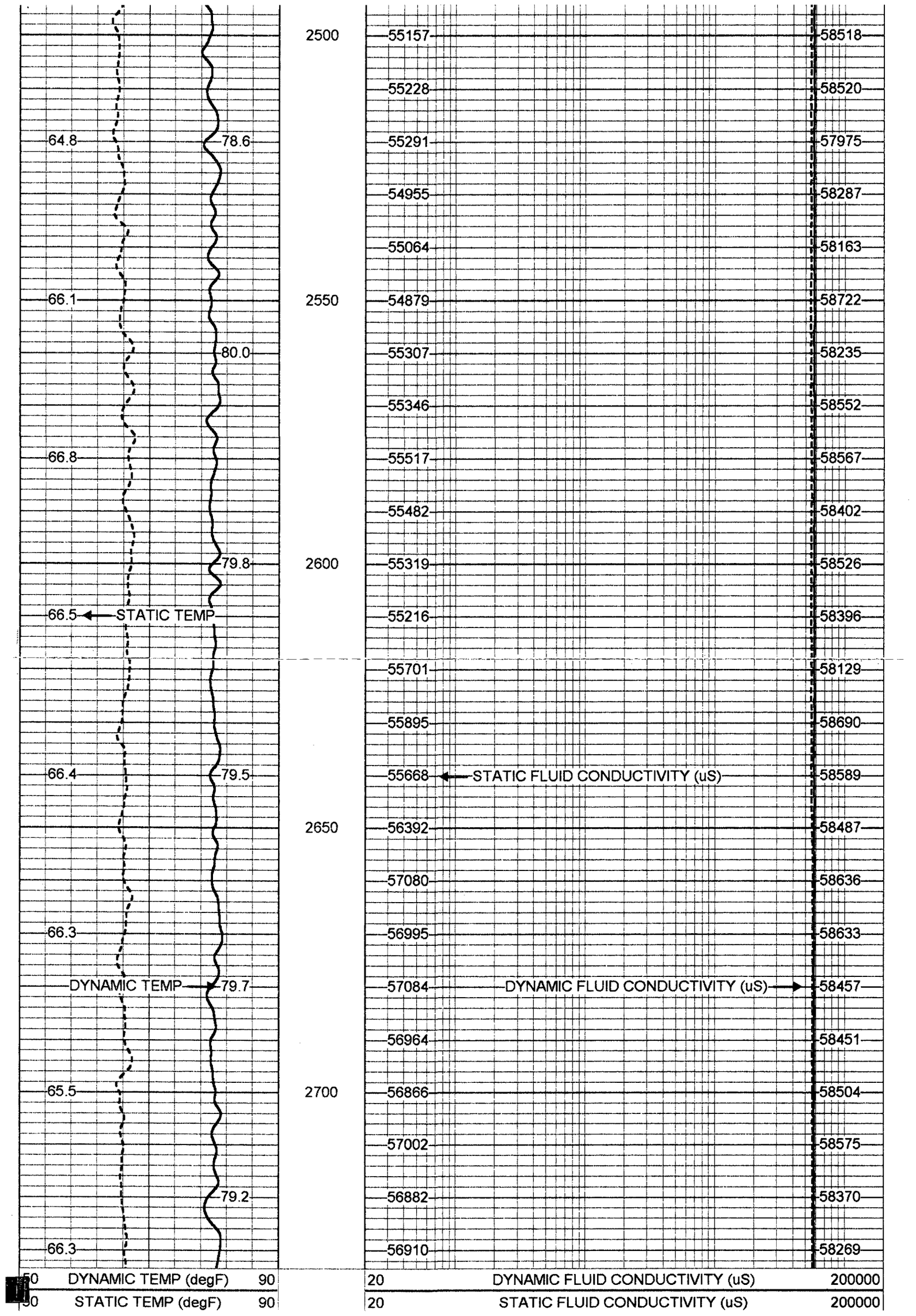
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2600
55319
58526
66.5
STATIC TEMP
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55701
58129
55895
58690
66.4
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STATIC FLUID CONDUCTIVITY (uS)
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2650
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56995
58633
DYNAMIC TEMP
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DYNAMIC FLUID CONDUCTIVITY (uS)
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56964
58451
65.5
2700
56866
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57002
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79.2
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66.3
56910
58269
50
DYNAMIC TEMP (degF)
90
20
DYNAMIC FLUID CONDUCTIVITY (uS)
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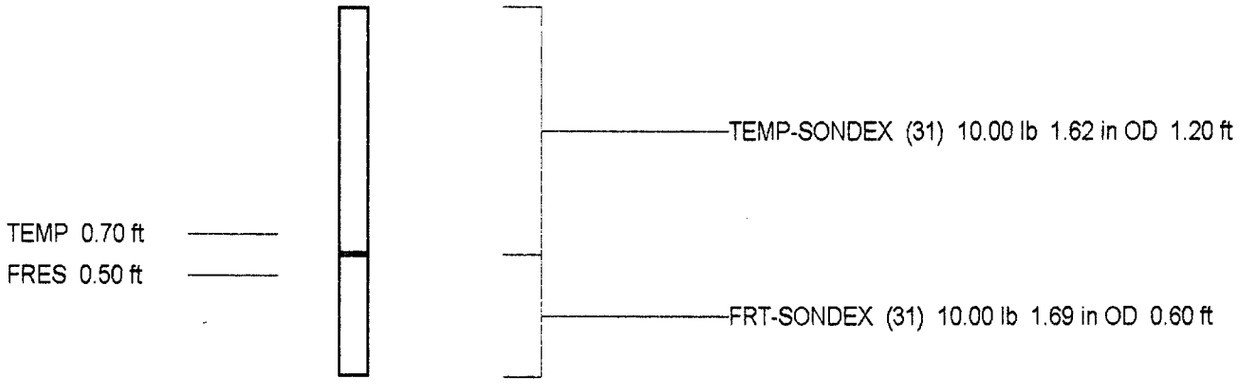
50
STATIC TEMP (degF)
90
20
STATIC FLUID CONDUCTIVITY (uS)
200000



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

FRT Calibration Report

Serial Number:	31
Tool Model:	SONDEX
Performed:	Wed May 09 10:25:09 2001

Point #	Reading		Reference
1	0.000	cps	0.000
2	25.476	cps	500.000
3	31.707	cps	1000.000
4	205.970	cps	10000.000
5	1184.540	cps	50000.000
6		cps	

Temperature Calibration Report

Serial Number:	31
Tool Model:	SONDEX
Performed:	Wed May 09 10:25:03 2001

Point #	Reading		Reference	
1	0	cps	0	degF
2	120.679	cps	34	degF
3	582.95	cps	135	degF