

**YOUNGQUIST
BROTHERS, Inc**

GEOPHYSICAL LOGGING DIVISION

**FLUID CONDUCTIVITY
TEMPERATURE
LOG**

RECORDED

NOV 13 2003

Company CH2M HILL
Well WRF DEEP IW #1
Field BONITA SPRINGS W.T.P
County LEE
State FLORIDA

Company CH2M HILL
Well WRF DEEP IW #1
Field BONITA SPRINGS W.T.P.
County LEE
State FLORIDA

Permanent Datum	PAD	Elevation	Other Services SEE REMARKS
Log Measured From	PAD	Elevation	
Drilling Measured From	PAD	Elevation	

Date	OCT. 19, 2003		
Run Number	NINE		
Depth Driller	3215'		
Depth Logger	3200'		
Bottom Logged Interval	3200'		
Top Log Interval	2400'		
Open Hole Size	14.75"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	N/A		
Estimated Cement Top	210'		
Time Well Ready	0700		
Time Logger on Bottom	0800		
Equipment Number	103		
Location	FT. MYERS		
Recorded By	FERGUSON		
Witnessed By	M. SCHILLING		

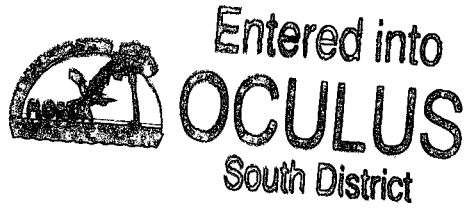
Run Number	Bit	Borehole Record		Tubing Record	
		From	To	From	To
ONE	12.25"	SURFACE	500'		
TWO	46.5"	SURFACE	455'		
THREE	12.25"	SURFACE	1750'		
FOUR	12.25"	SURFACE	3220'		

Casing Record	38"	Wgt/Ft	3.75	Top	Bottom
Surface String	26"		3.75	SURFACE	1650'
Prot. String	16"		5.00	SURFACE	2490'
Production String					
Liner					

<<< 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



CEMENT BOND
X-Y CALIPER
FLOWMETER
VIDEO

FLOWRATE = 1000 GPM

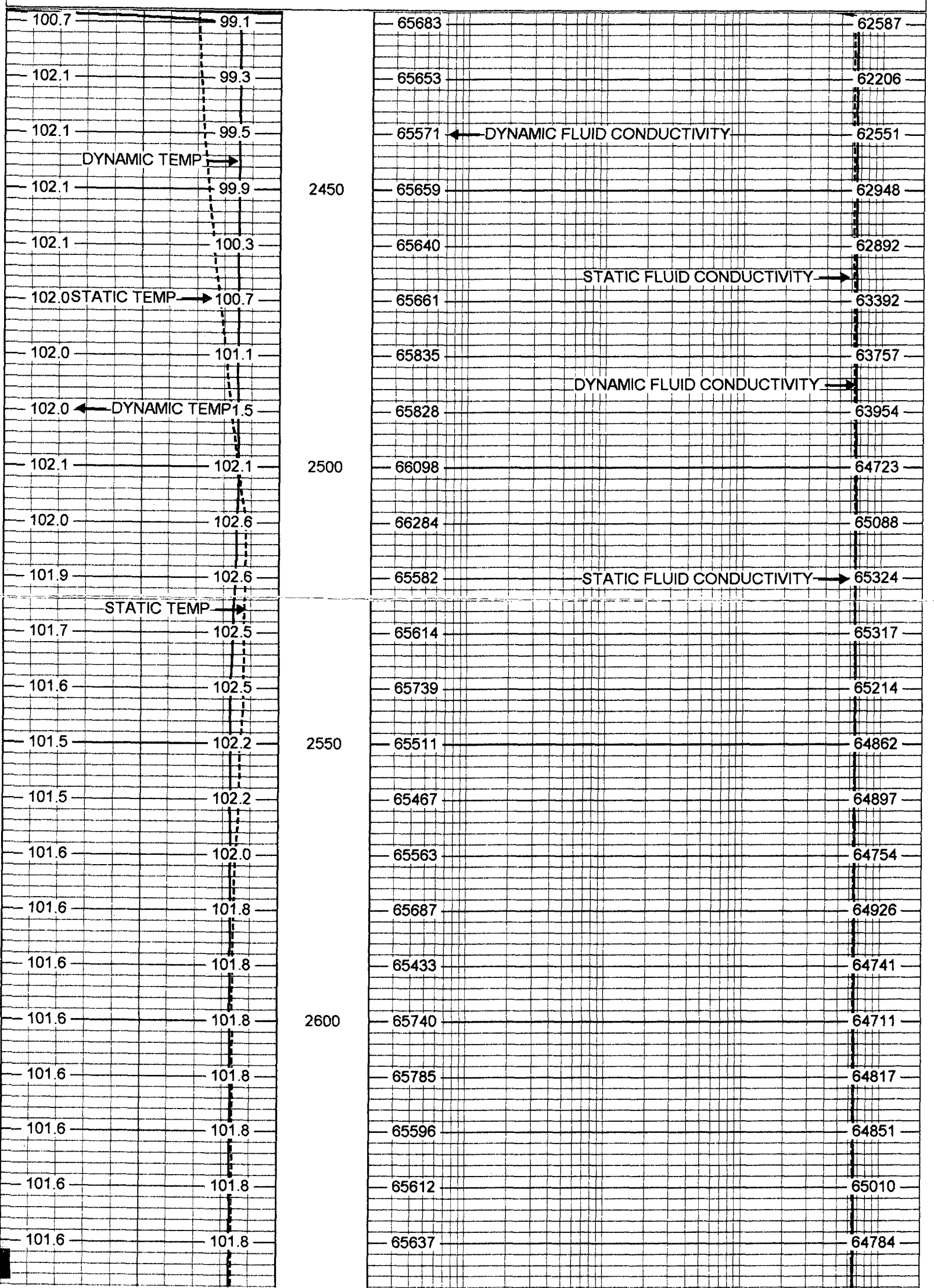


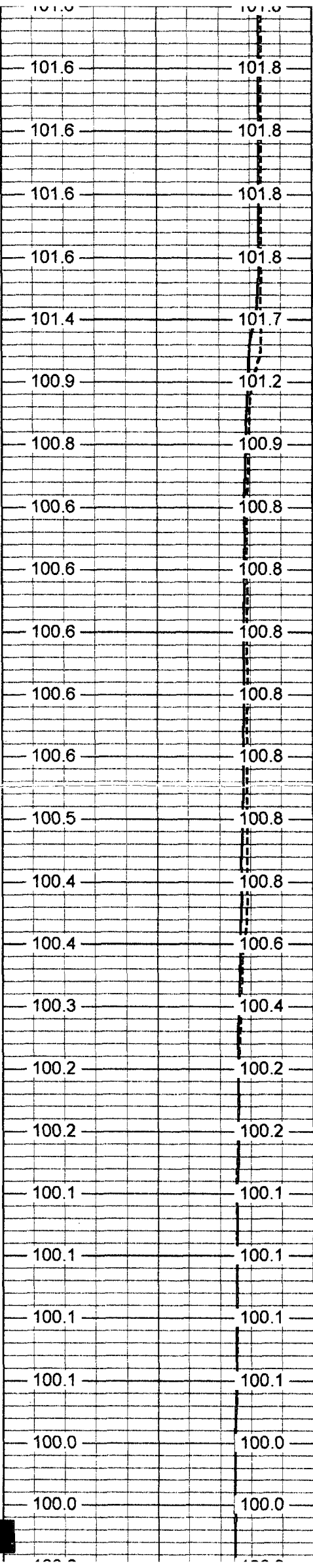
MERGED FLUID COND-TEMP

Database File: bswrfiw2.db
Dataset Pathname: run9/pass9
Presentation Format: frt_mg
Dataset Creation: Sun Oct 19 15:57:57 2003 by Loa 6.2 B4

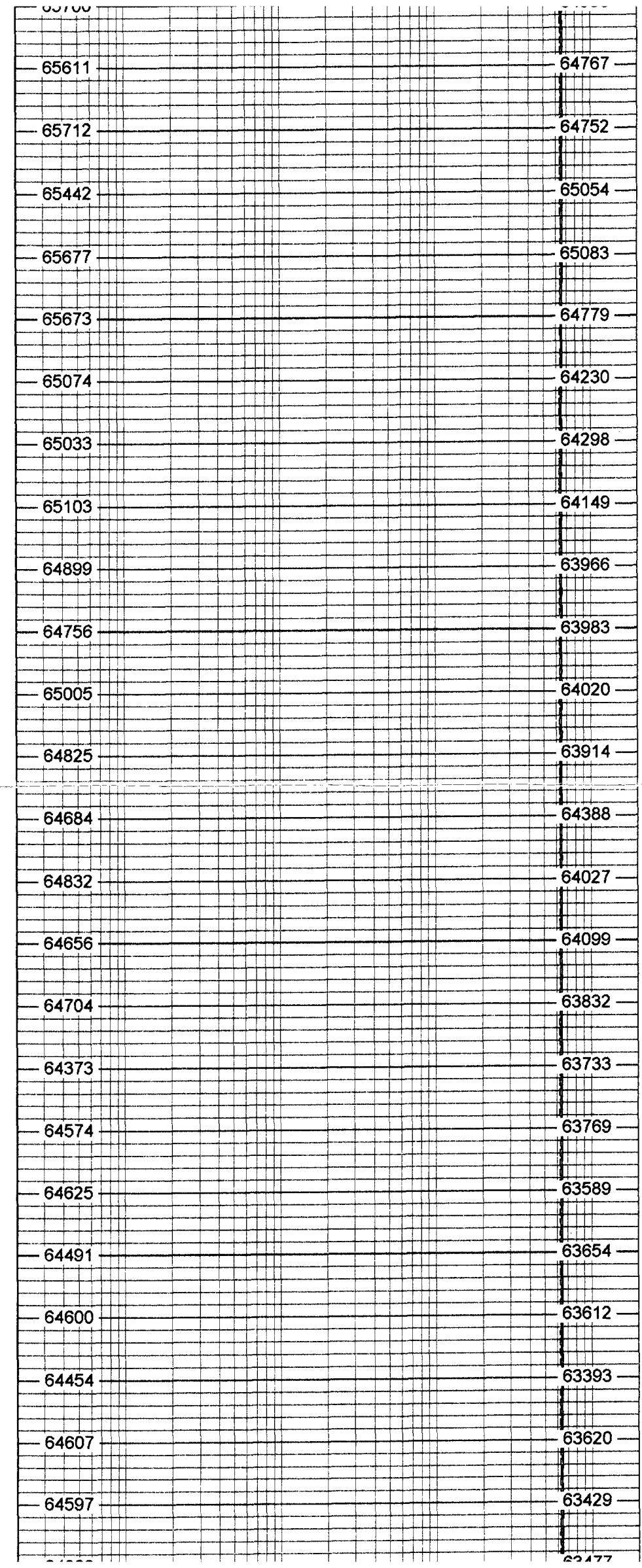
45	DYNAMIC TEMP (degF)	65
45	STATIC TEMP (degF)	65

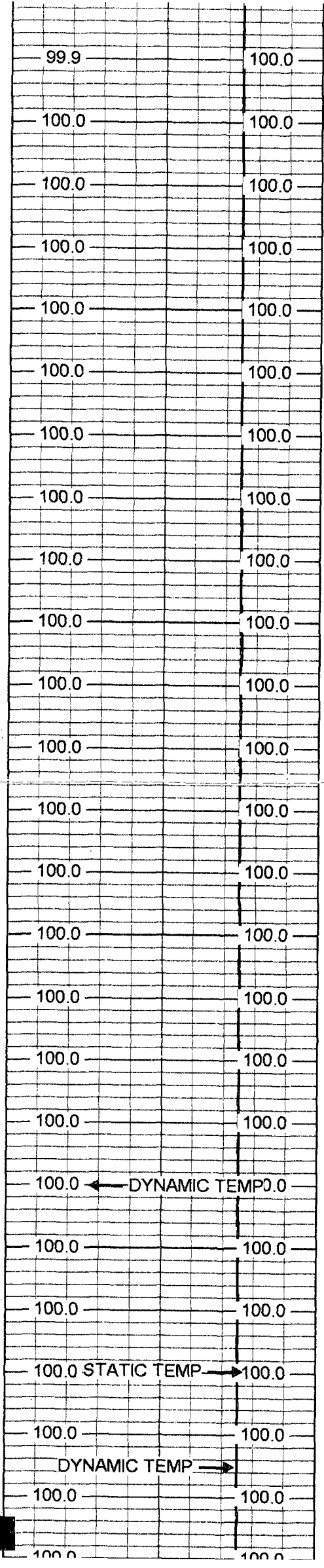
20	DYNAMIC FLUID CONDUCTIVITY (uS)	200000
20	STATIC FLUID CONDUCTIVITY (uS)	200000





2650
2700
2750
2800
2850





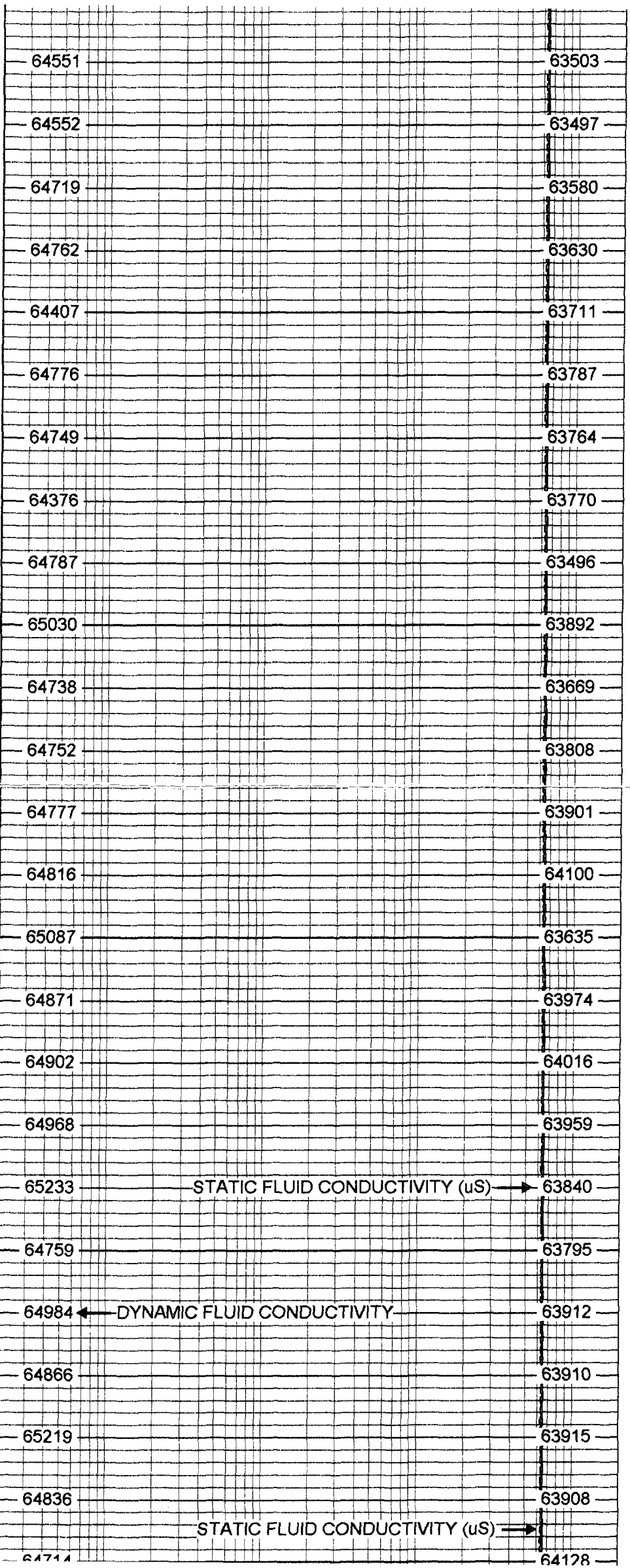
2950

3000

3050

3100

3150



64551

64552

64719

64762

64407

64776

64749

64376

64787

65030

64738

64752

64777

64816

65087

64871

64902

64968

65233

64759

64984

64866

65219

64836

64714

63503

63497

63580

63630

63711

63787

63764

63770

63496

63892

63669

63808

63901

64100

63635

63974

64016

63959

63840

63795

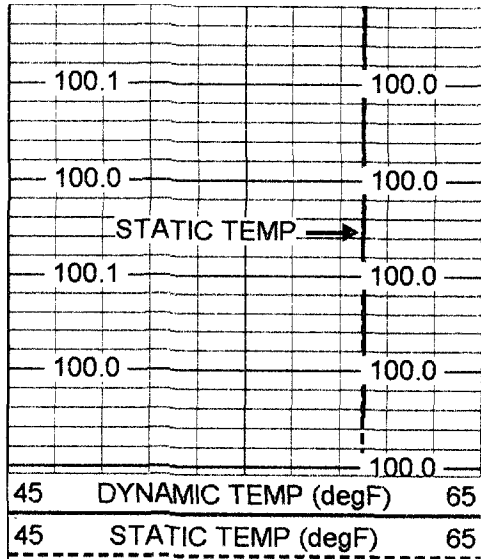
63912

63910

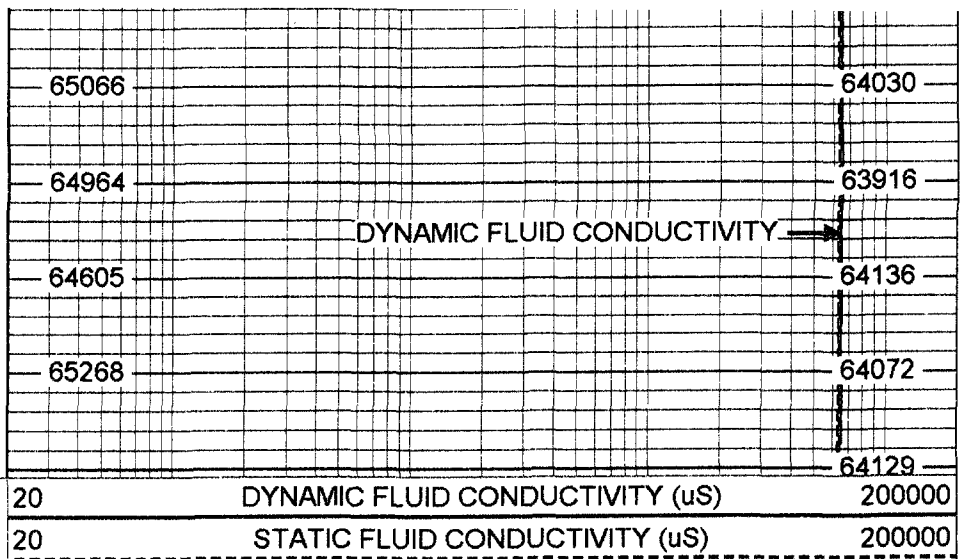
63915

63908

64128



3200



FRT Calibration Report

Serial Number: 30
Tool Model: SONDEX
Performed: Tue Apr 15 10:25:31 2003

Point #	Reading		Reference
1	32.596	cps	1000.000
2	175.215	cps	10000.000
3	425.338	cps	25000.000
4	967.399	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report

Serial Number: 30
Tool Model: SONDEX
Performed: Fri Apr 04 09:46:01 2003

Point #	Reading		Reference	
1	121.963	cps	36	degF
2	312.065	cps	79	degF
3	608.77	cps	136	degF

