Company	Johnson Engineering, Inc.
Well	JE1503
Field	Babcock Ranch
County	Charlotte
State/Prv	Florida

MV Geophysical

FLUID CONDUCTIVITY TEMPERATURE LOG

Company	Johnson Engineering, Inc.
Well	JE1503
Field	Babcock Ranch
County	Charlotte
State/Prv.	Florida

Location
CCU/Babcock Ranch Test Well Project
Sec. 11 T41S R26E
LAT: 26 55' 29.6" N LONG: 81 41' 28.7" W

Other Services
XY/GR,DIL
FCT,FLOW
F.Samples

		Elevation
Permanent Datum	G.L.	
Log Measured From	G.L.	
Drilling Measured From	G.L.	

Elevation	
K.B.	
D.F.	
G.L.	

Date	6-JUN-2011
Run Number	TWO
Depth Driller	1200'
Depth Logger	1194'
Bottom Logged Interval	1194'
Top Log Interval	400'
Open Hole Size	6"
Type Fluid	H2O
Density / Viscosity	NA/NA
Max. Recorded Temp.	see FCT log
Estimated Cement Top	SURFACE
Time Well Ready	09:30 6/6/2011
Time Logger on Bottom	09:45 6/6/2011
Equipment Number	MVGS-1
Location	Ft. Myers
Recorded By	S.Miller/C.Miller
Witnessed By	L.Howard (JE)

	Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	9.625"	61'	470'				
TWO	6"	471'	1200'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	10"	10" ID	SURFACE	61'
Prot. String	6" PVC	6" ID	SURFACE	471'
Production String				
Liner				
Invoice No.	2011090	3x/10x/pdf/las	je1503.db	* FINAL PRINT *

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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

STATIC and DYNAMIC down passes were performed.
Cw =2,330 uS/cm @ 28.4 degC @ Q=160 gpm.

FLUID RESISTIVITY CALIBRATION REPORT (Performed: 19-APR-11 14:45)

uS/cm	CPS
223.7	3045.14
2564.78	2934.34
4417.01	2667.37

TEMPERATURE CALIBRATION REPORT (Performed: 19-APR-11 14:15)

DEG-F	CPS
34.5	141.83
137.5	2605.14

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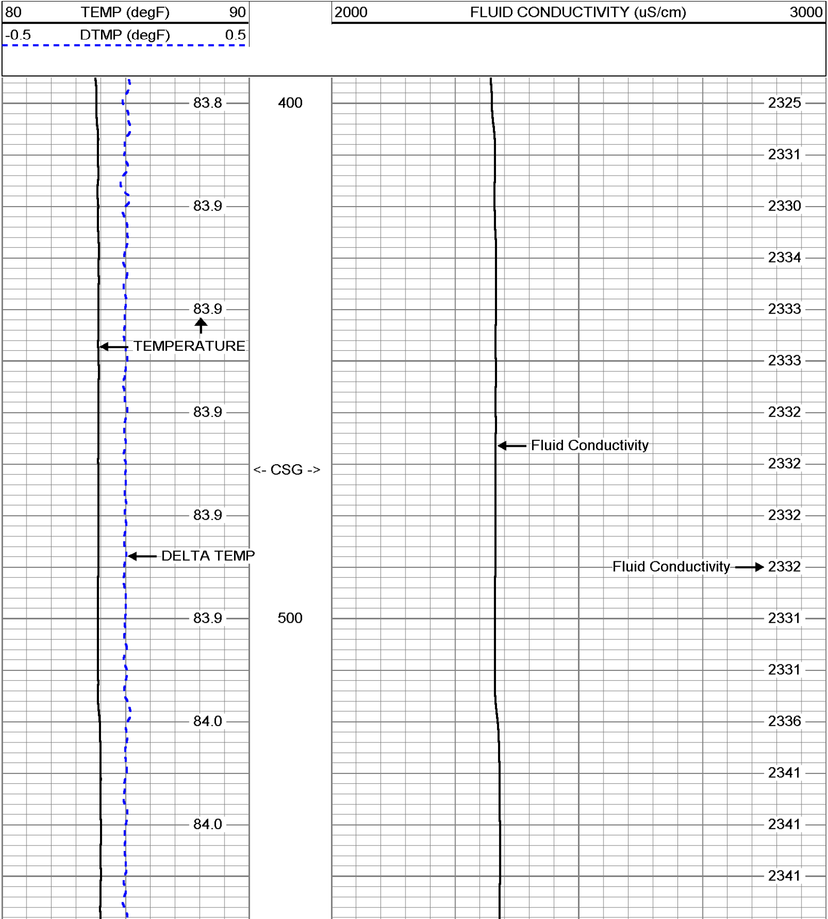
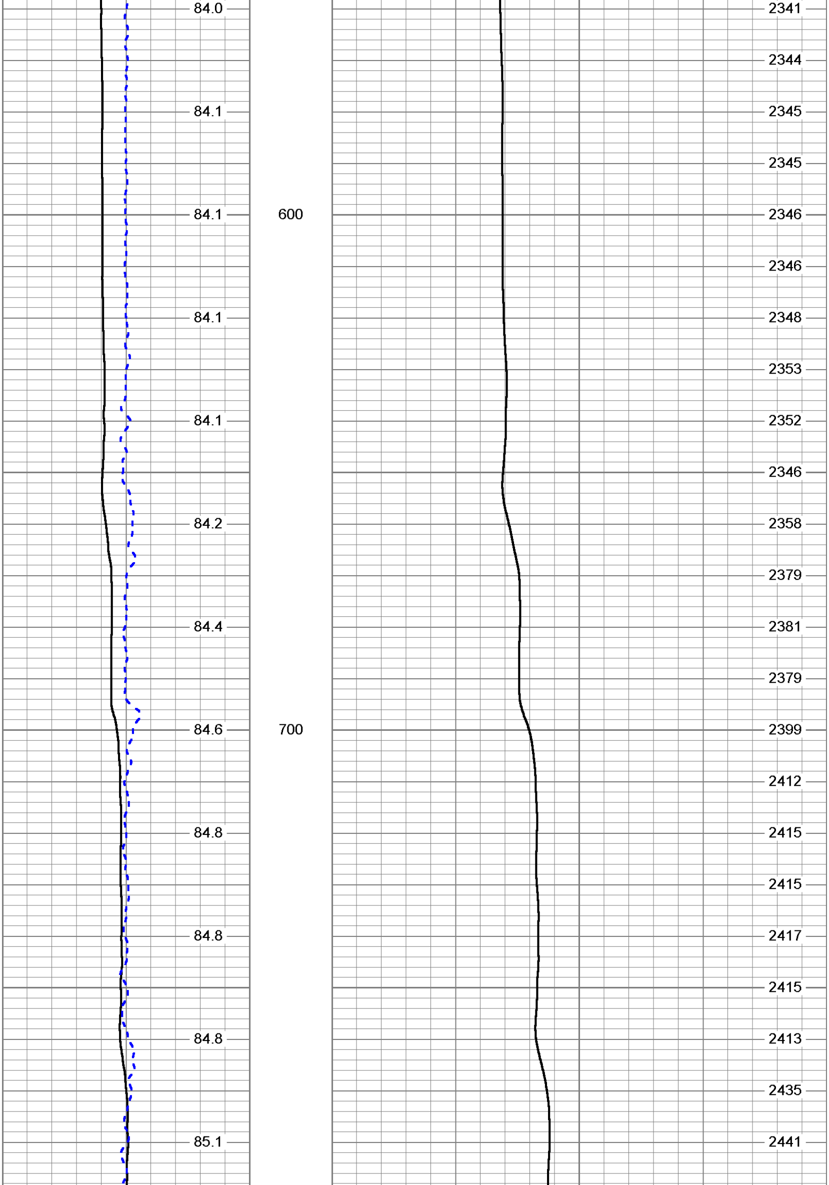
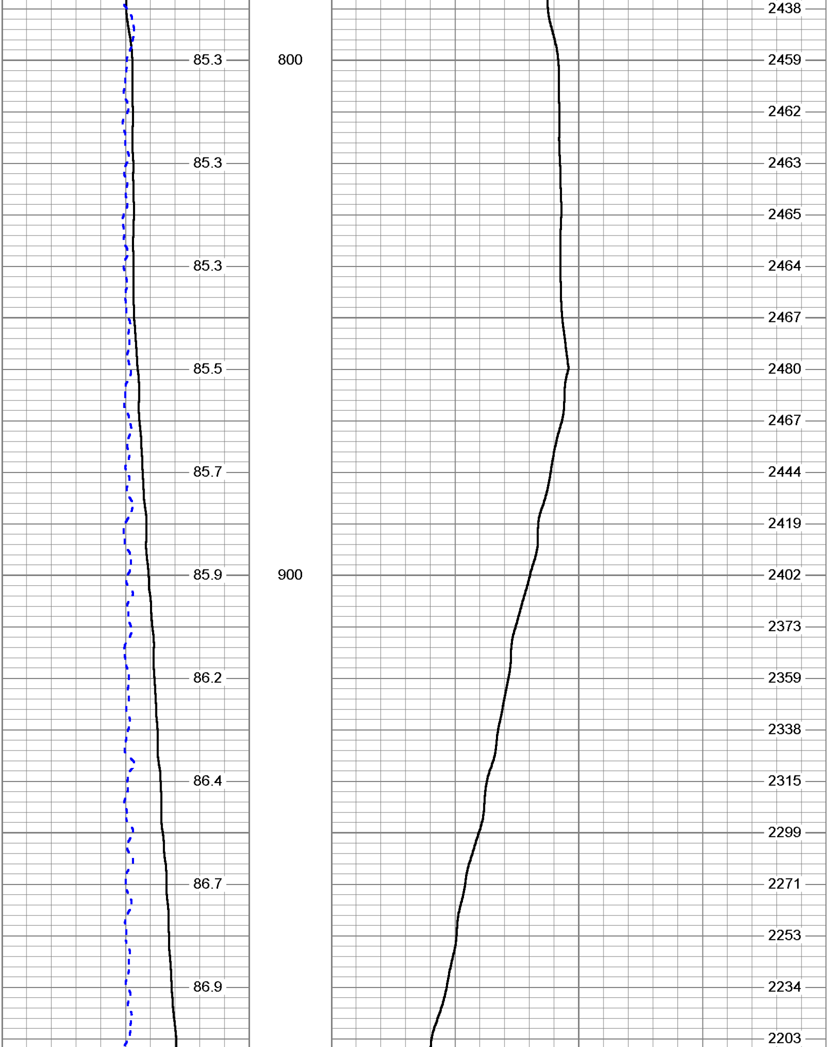
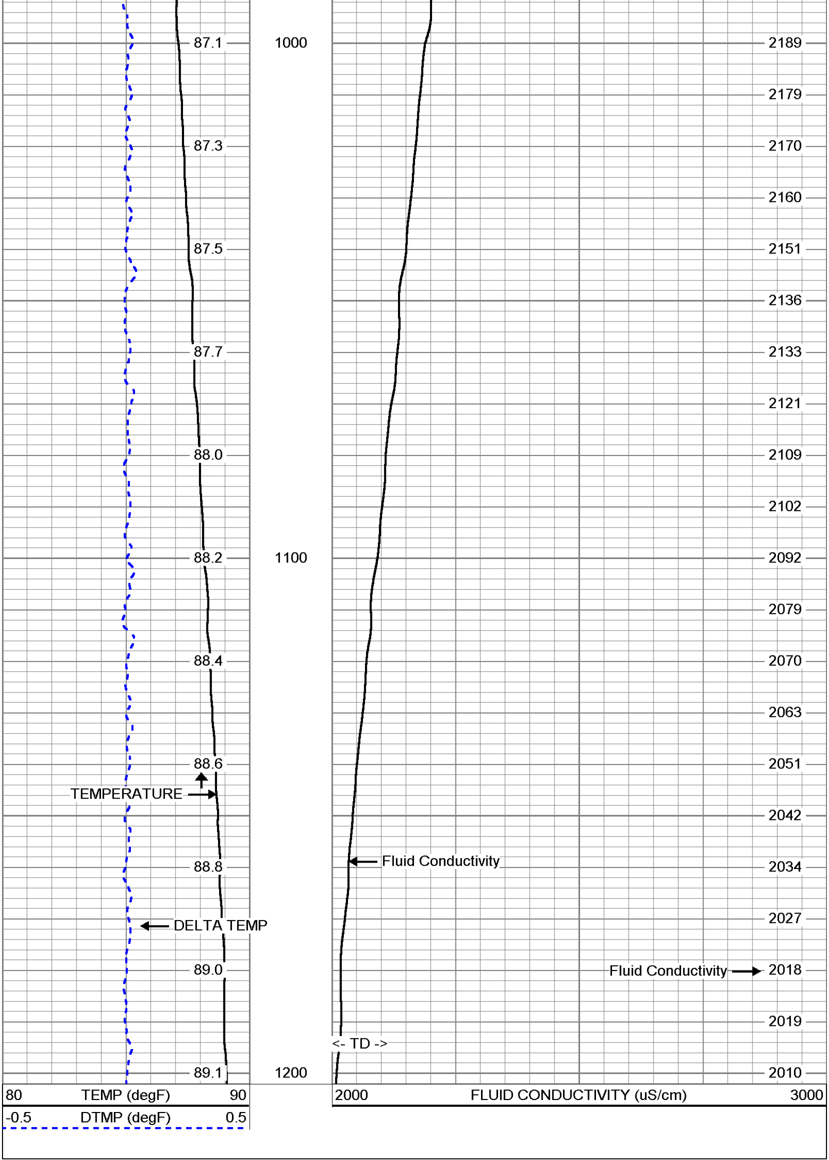
DYNAMIC FCT DOWN

Database File:	je1503.db
Dataset Pathname:	run2/DFCT
Presentation Format:	FCTJ1503
Dataset Creation:	Mon Jun 06 18:59:46 2011
Charted by:	Depth in Feet scaled 1:240









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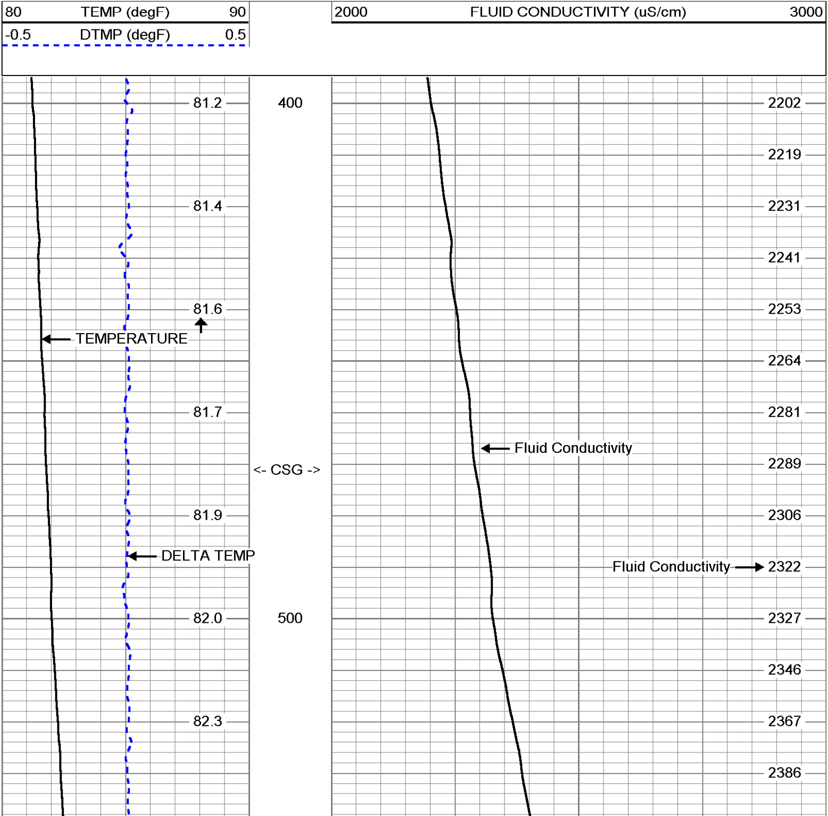
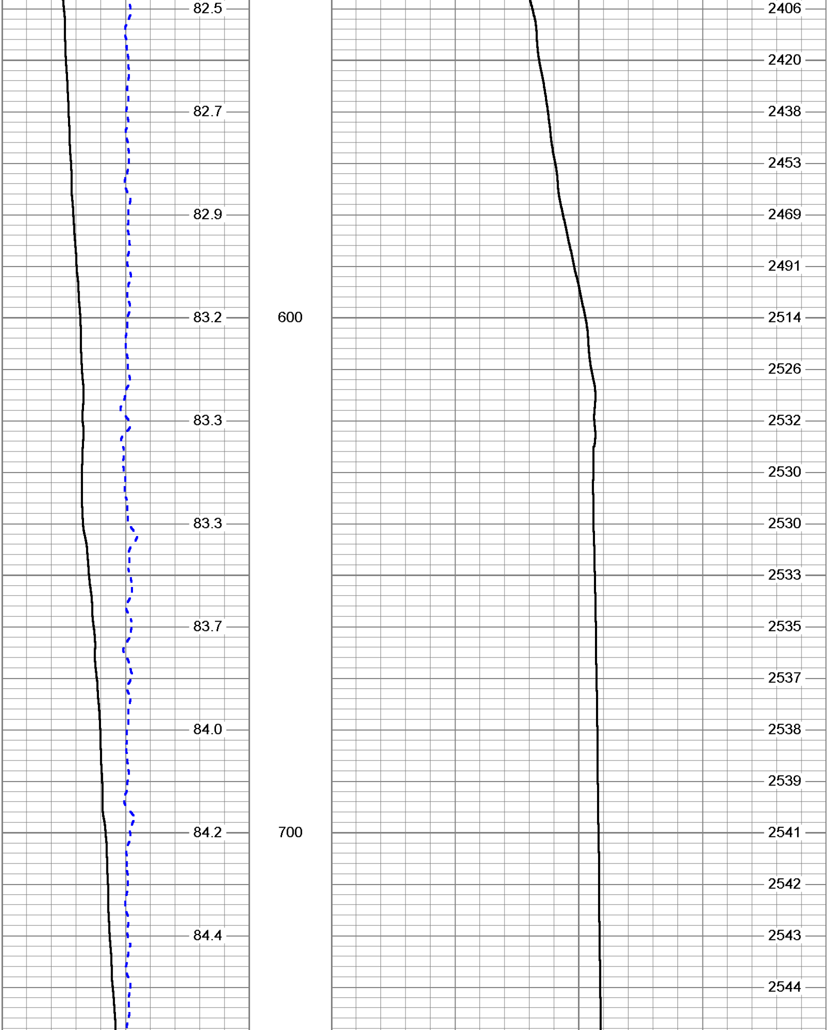
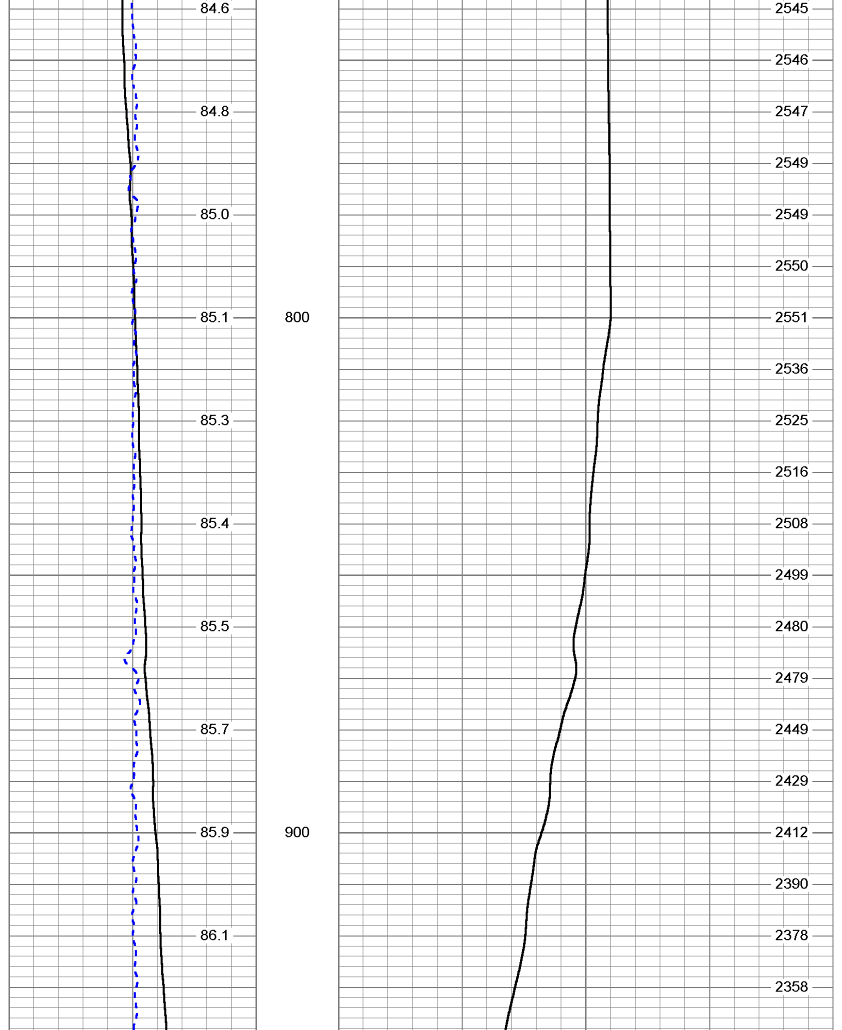
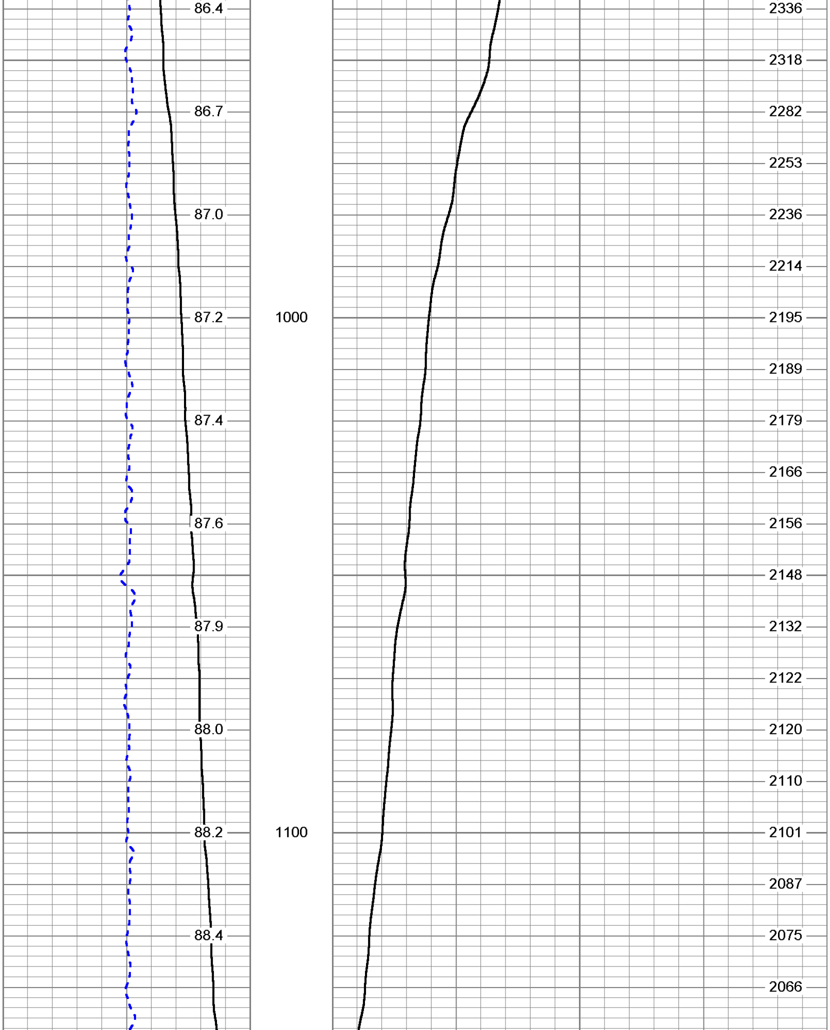
STATIC FCT DOWN

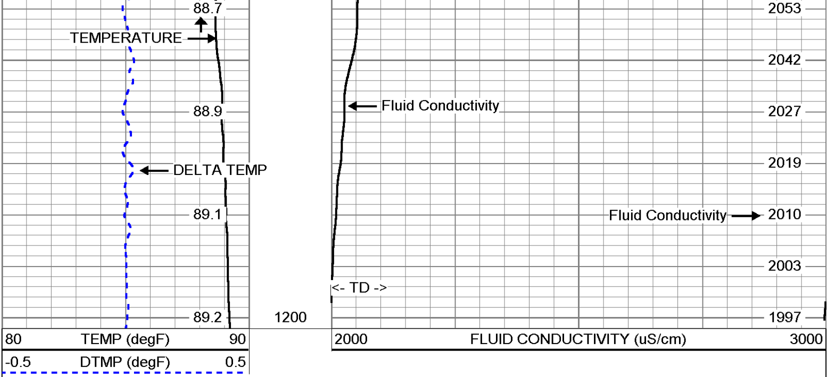
Database File: je1503.db
Dataset Pathname: run2/SFCT
Presentation Format: FCTJ1503
Dataset Creation: Mon Jun 06 10:57:09 2011
Charted by: Depth in Feet scaled 1:240

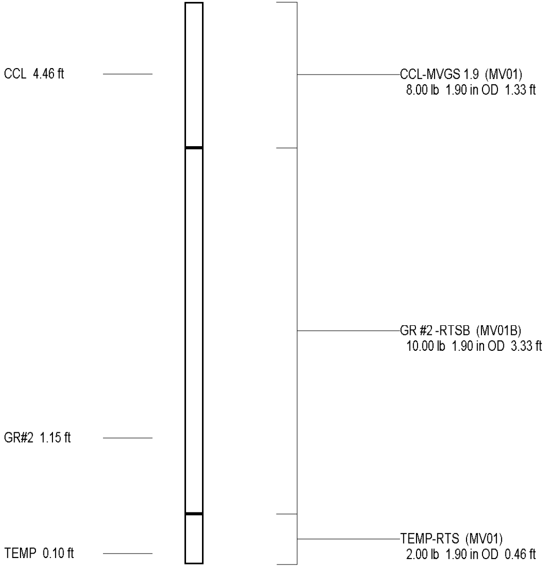












CCL-MVGS 1.9 (MV01)
8.00 lb 1.90 in OD 1.33 ft

GR #2 -RTSB (MV01B)
10.00 lb 1.90 in OD 3.33 ft

TEMP-RTS (MV01)
2.00 lb 1.90 in OD 0.46 ft

Dataset:	run2/pass21
Total Length:	5.12 ft
Total Weight:	20.00 lb
O.D.	1.90 in