BOREHOLE SONIC WITH VDL LOG

YOUNGQUIST BROTHERS

Company	CITY OF LaBELLE
Well	IW-1
Field	W.T.P No.2
County	HENDRY
State	FLORIDA

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	06-MAR-2013		
Run Number	RUN 1		
Depth Driller	150'		
Depth Logger	150'		
Bottom Logged Interval	150'		
Top Log Interval	CASING		
Open Hole Size	64.5"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	ON ARRIVAL		
Time Logger on Bottom	0530		
Equipment Number	102		
Location	FT MYERS		
Recorded By	GARCIA	MOREY	
Witnessed By	A. McTHENIA		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5"	SURFACE	150'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	65"	.375" W.T	SURFACE	34'
Prot. String				
Production String				
Liner				

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Comments

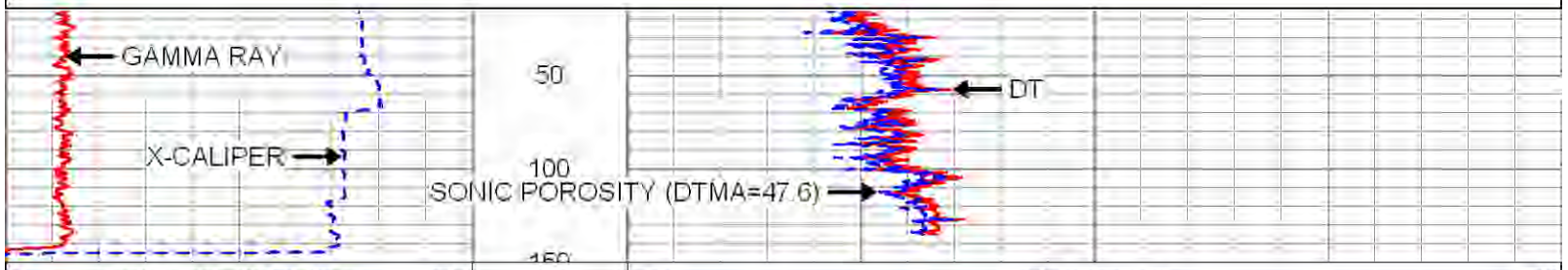
XY CALIPER / GAMMA-RAY
DUAL INDUCTION

YOUNGQUIST

MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	pass13
Presentation Format:	son_por
Dataset Creation:	Wed Mar 06 07:31:43 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:1200

0	GAMMA RAY (GAPI)	100	340	DT (usec/ft)	40
50	X-CALIPER (in)	70	200	SONIC POROSITY (DTMA=47.6) (pu)	0

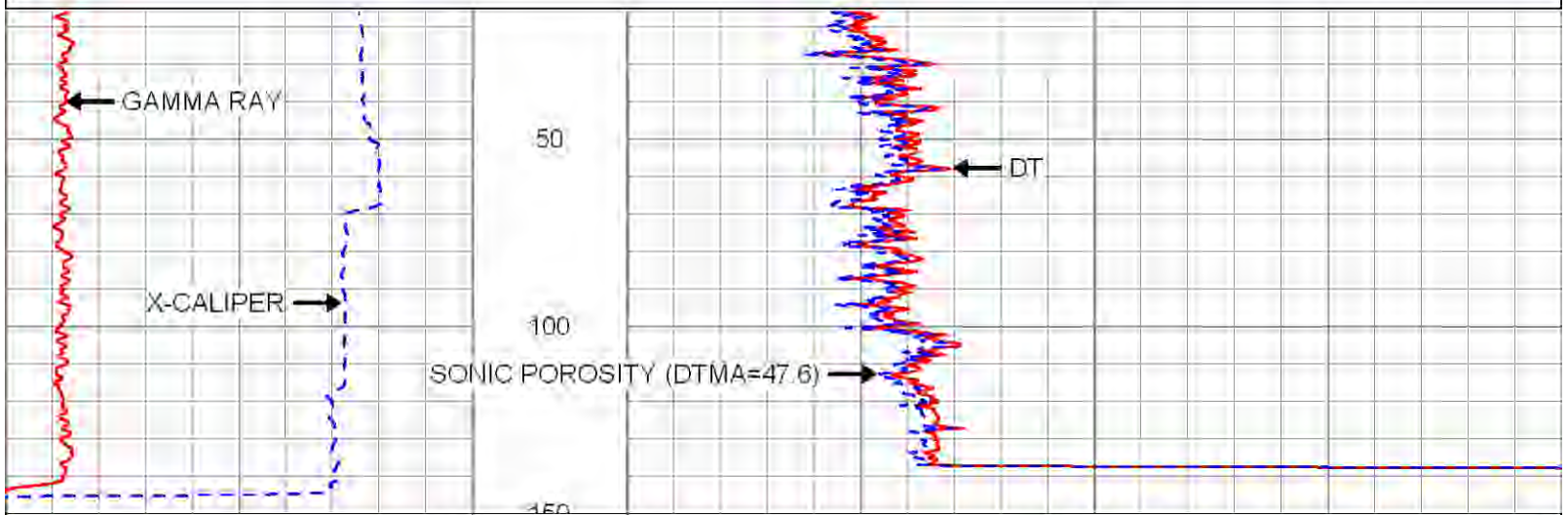


0	GAMMA RAY (GAPI)	100	340	DT (usec/ft)	40
50	X-CALIPER (in)	70	200	SONIC POROSITY (DTMA=47.6) (pu)	0

MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	pass13
Presentation Format:	son_por
Dataset Creation:	Wed Mar 06 07:31:43 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

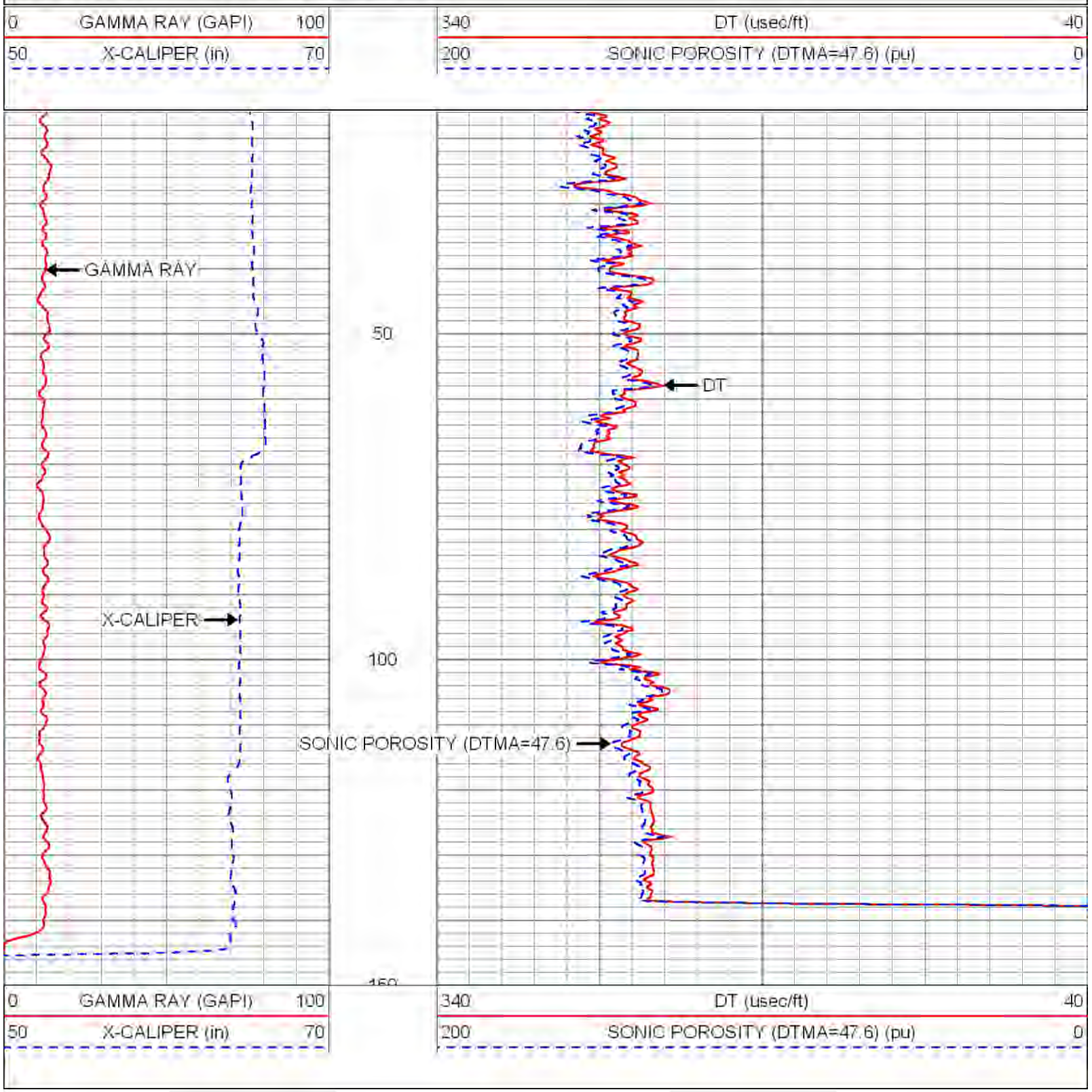
0	GAMMA RAY (GAPI)	100	340	DT (usec/ft)	40
50	X-CALIPER (in)	70	200	SONIC POROSITY (DTMA=47.6) (pu)	0



0	GAMMA RAY (GAPI)	100	340	DT (usec/ft)	40
50	X-CALIPER (in)	70	200	SONIC POROSITY (DTMA=47.6) (pu)	0

MAIN PASS

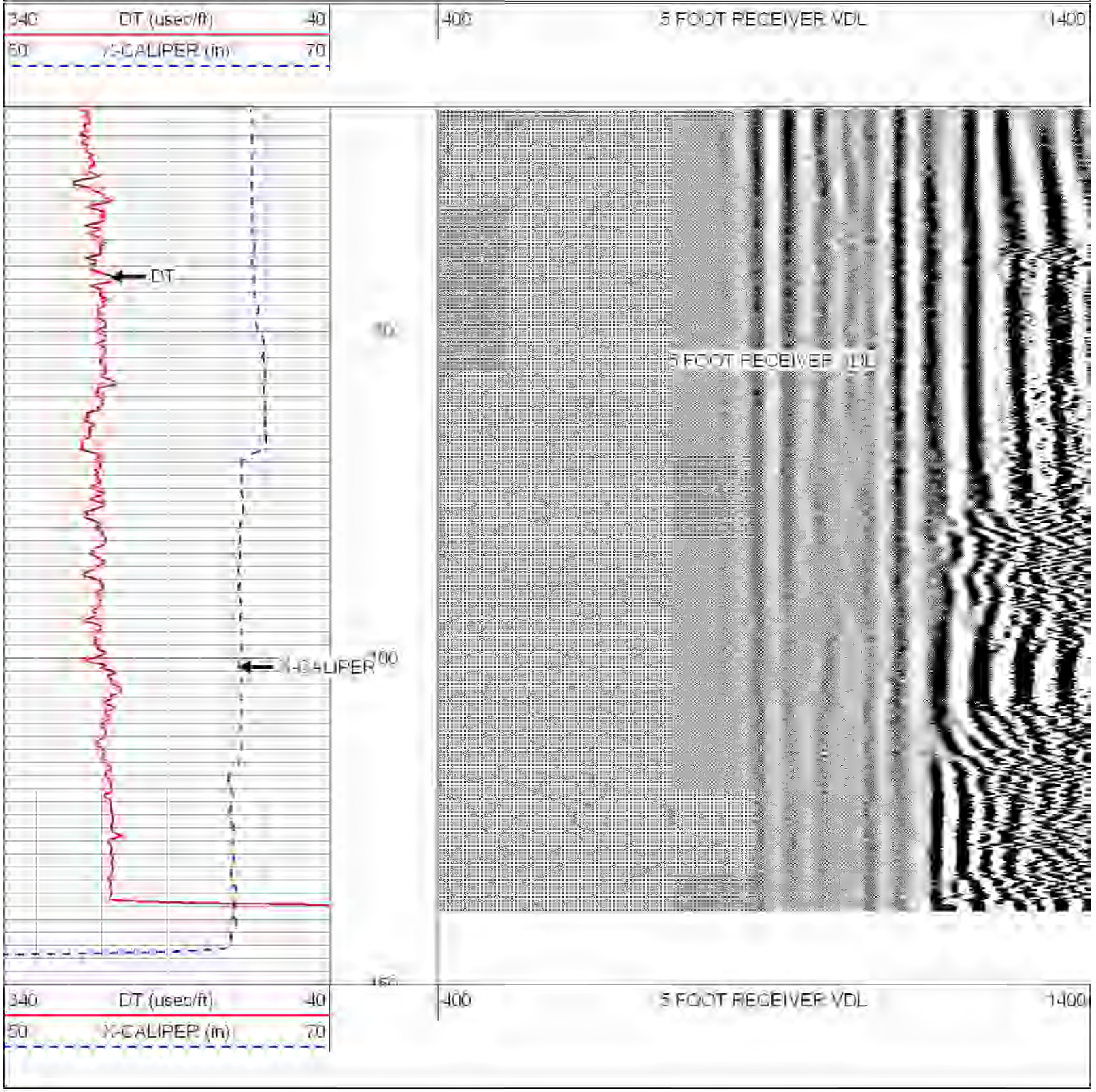
Database File:	labelleiw1.db
Dataset Pathname:	pass13
Presentation Format:	son_por
Dataset Creation:	Wed Mar 06 07:31:43 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240



YOUNGQUIST

MAIN PASS

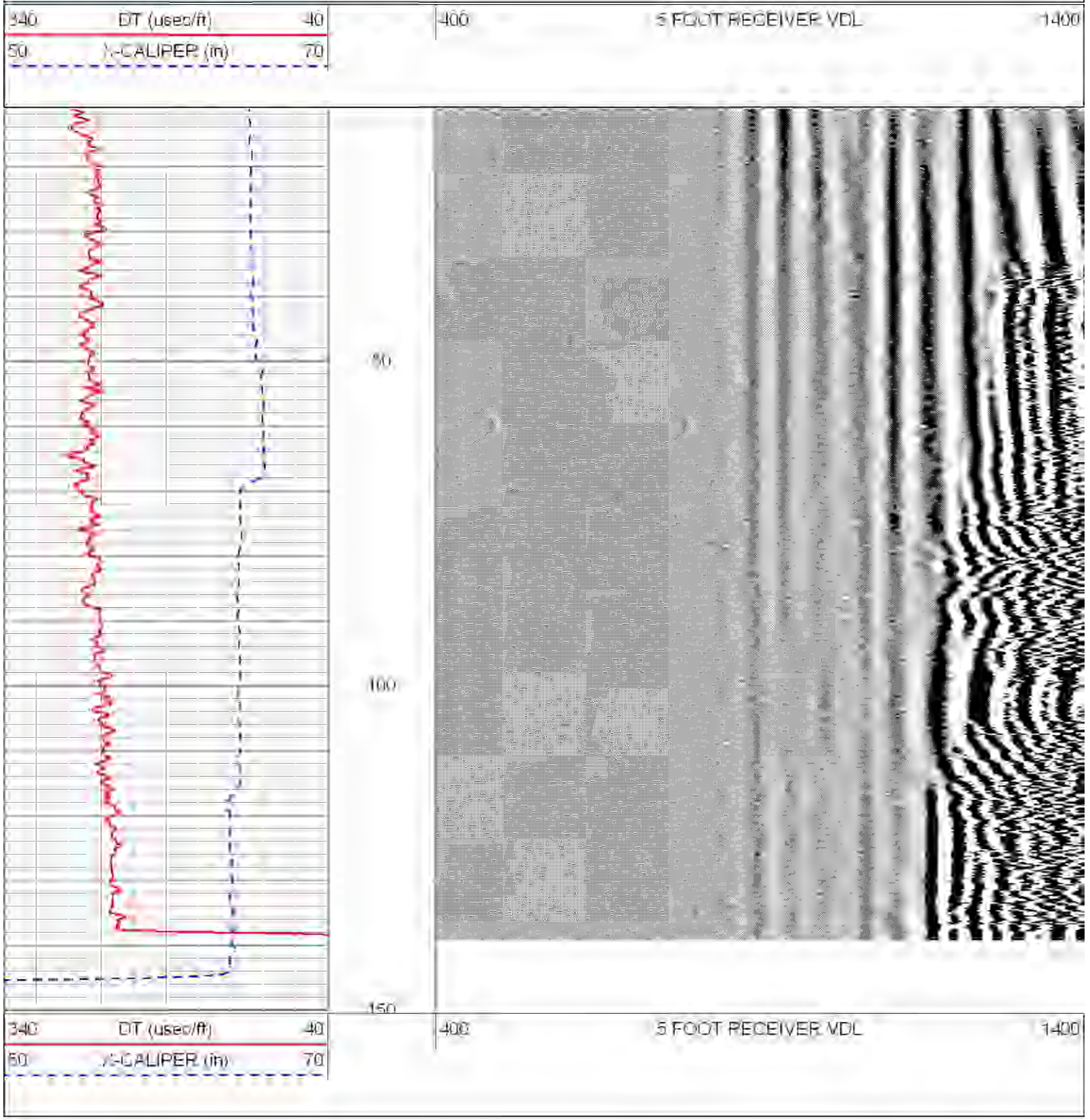
Database File	labelled1.db
Dataset Pathname:	pass12
Presentation Format	sonic_vdl
Dataset Creation	Wed Mar 06 07:31:43 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240



YOUNGQUIST

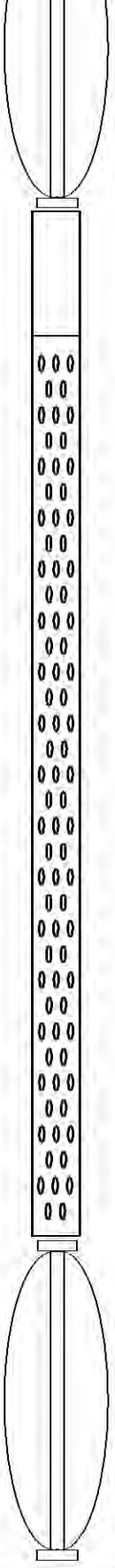
REPEAT PASS

Database File:	labelle.wf1.db
Dataset Pathname:	pass14
Presentation Format:	son_vdl
Dataset Creation:	Wed Mar 06 07:37:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

		TOP	5.00	3.00	50.00
WVF1	13.50				
WVF3	13.50	SLT-PENGO (03)	16.00	3.50	127.00
WVF2	11.50				
WVF4	11.50				
		BOT	5.00	3.00	50.00



Dataset:	labelleiw1.db: field/well/run1/pass13
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

YOUNGQUIST BROTHERS

DUAL INDUCTION WITH LL3 LOG

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY
State FLORIDA

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY State FLORIDA

Location: API #:
SEC TWP RGE
Permanent Datum PAD Elevation PAD
Log Measured From PAD
Drilling Measured From PAD

Other Services
SEE COMMENTS

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

Date	06-MAR-2013
Run Number	RUN 1
Depth Driller	150'
Depth Logger	150'
Bottom Logged Interval	150'
Top Log Interval	CASING
Open Hole Size	64.5"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	0530
Equipment Number	102
Location	FT MYERS
Recorded By	GARCIA
Witnessed By	A. McTHENIA

Borehole Record

Run Number	Bit	From	To
ONE	64.5"	SURFACE	150'

Borehole Record

Run No	Bit	From	To
MOREY			

Casing Record

	Size	Wgt/Ft	Top	Bottom
Surface String	65"	.375" W.T	SURFACE	34'
Prot. String				
Production String				
Liner				

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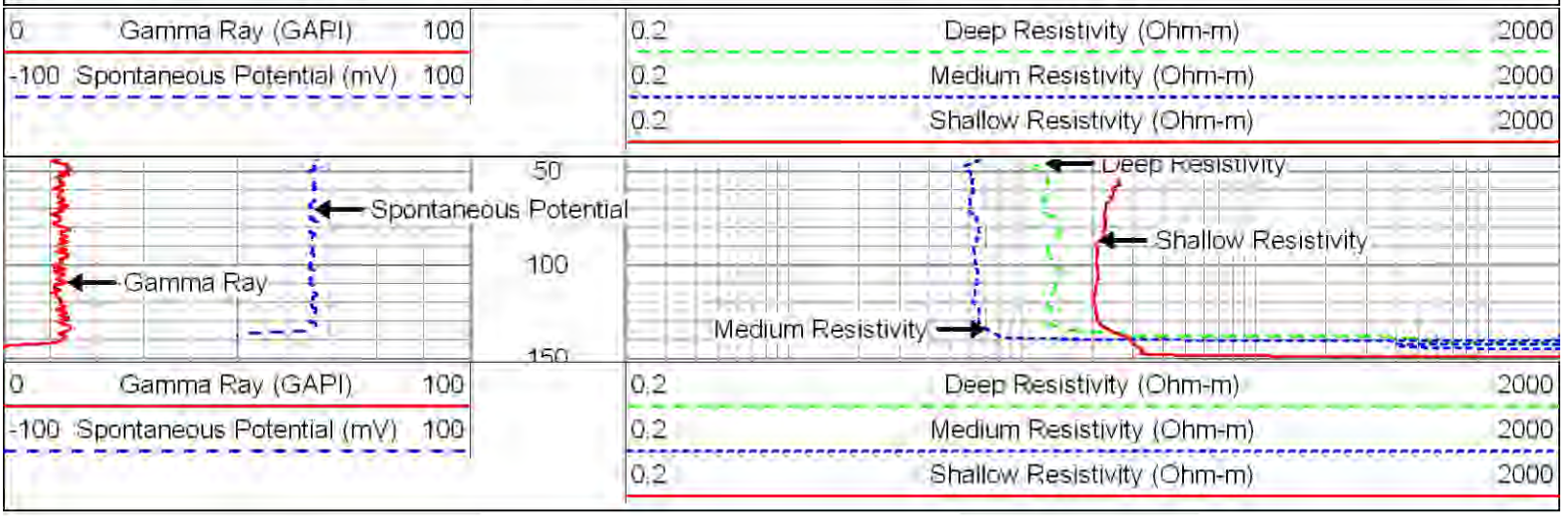
Comments

XY CALIPER / GAMMA-RAY
BOREHOLE SONIC

YOUNGQUIST

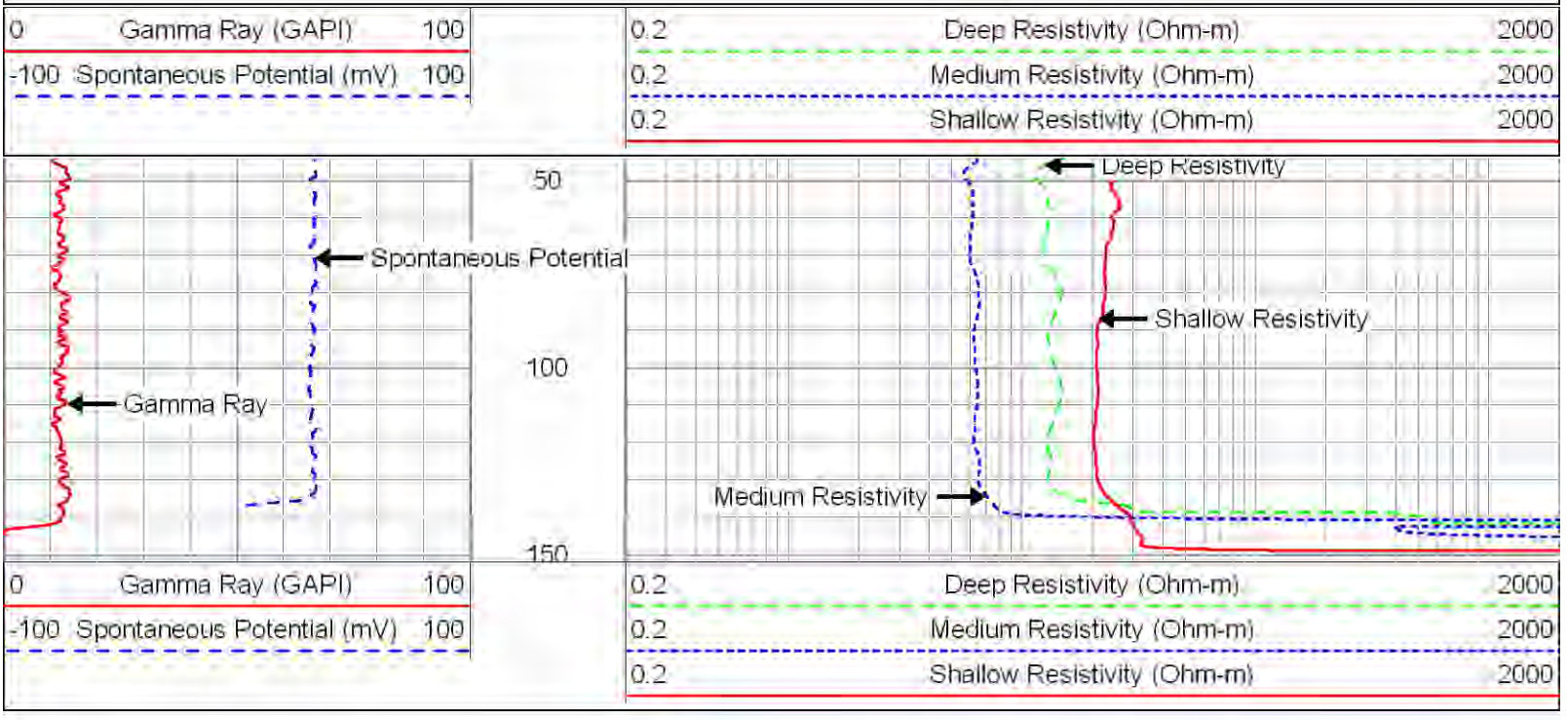
MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	pass3
Presentation Format:	dil
Dataset Creation:	Wed Mar 06 06:18:21 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:1200



MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	pass3
Presentation Format:	dil
Dataset Creation:	Wed Mar 06 06:18:21 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

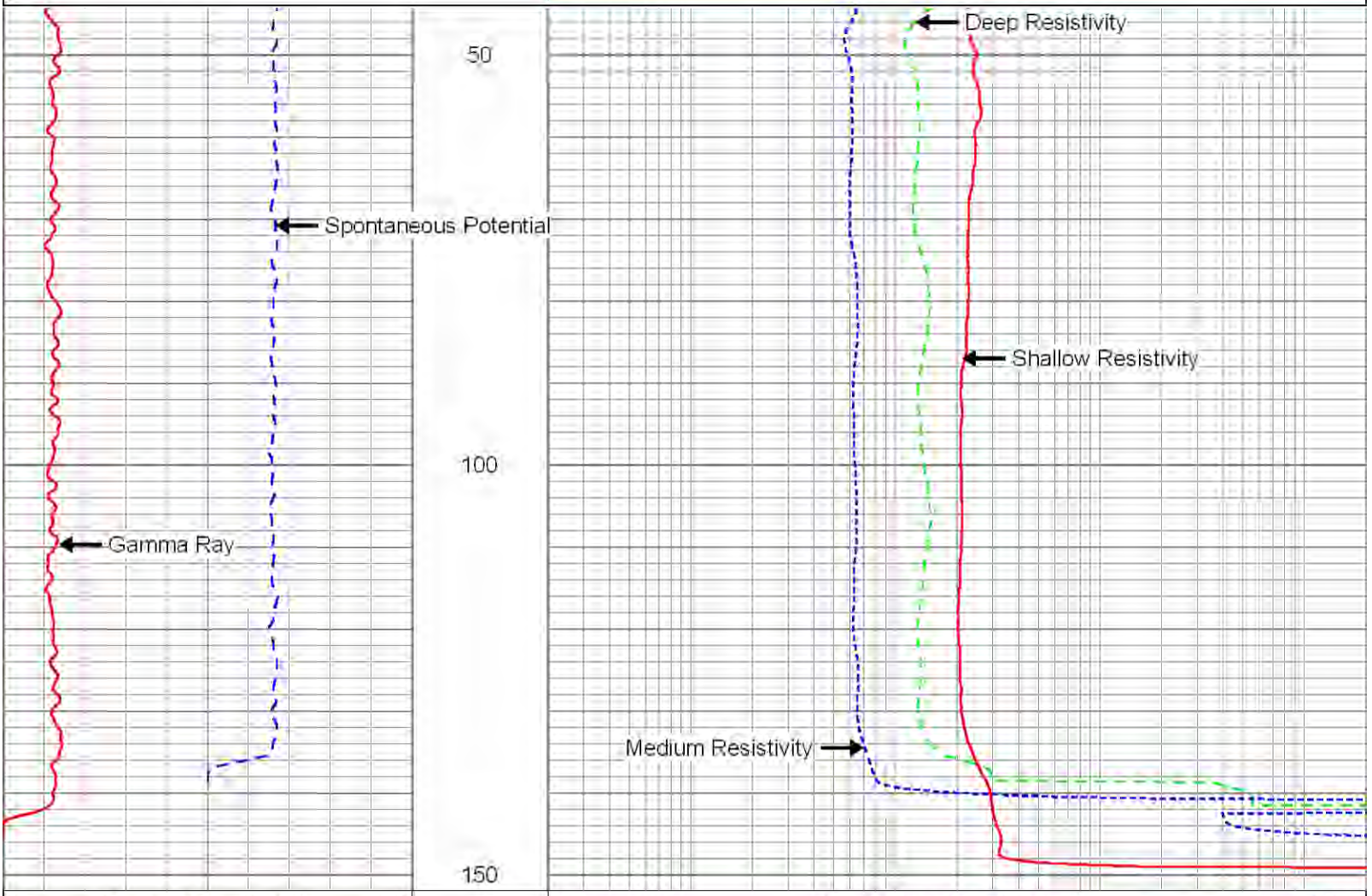


MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	pass3
Presentation Format:	dil
Dataset Creation:	Wed Mar 06 06:18:21 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000



0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

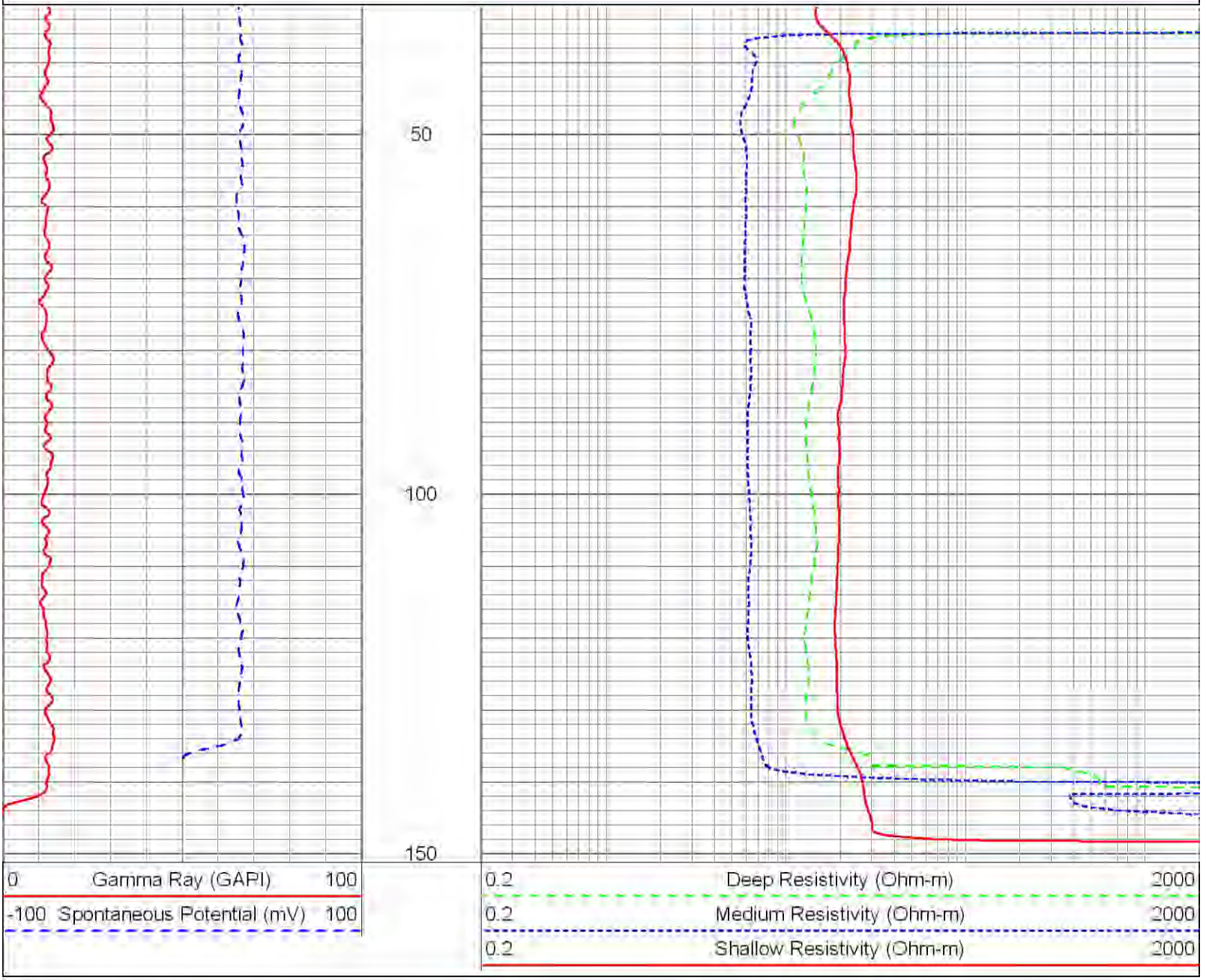
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

REPEAT PASS

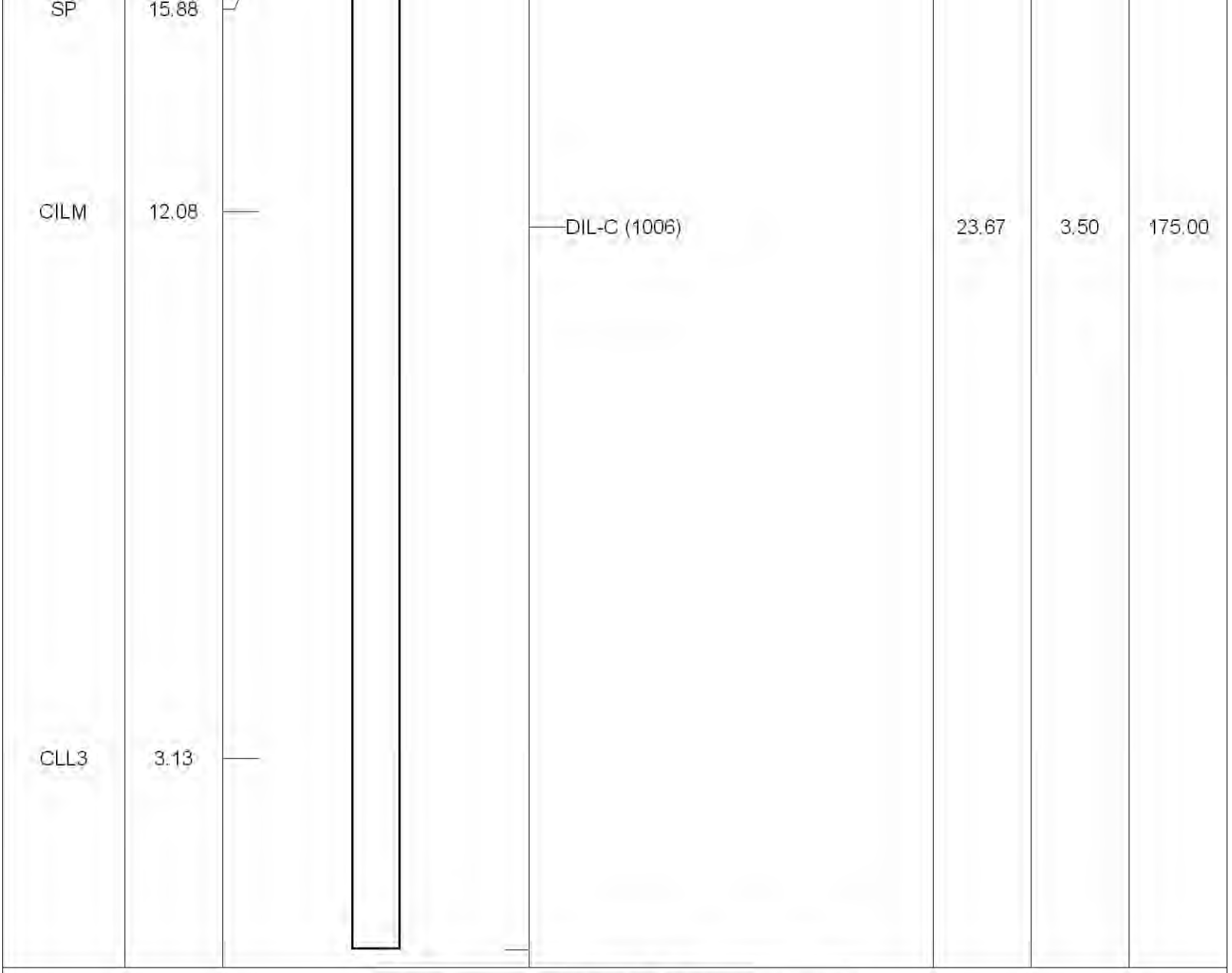
Database File:	labelleiw1.db
Dataset Pathname:	pass4
Presentation Format:	dil
Dataset Creation:	Wed Mar 06 06:23:51 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CILD	15.88					



Dataset: labelleiw1.db: field/well/run1/pass3
Total Length: 23.67 ft
Total Weight: 175.00 lb
O.D. 3.50 in

Calibration Report

Database File: labelleiw1.db
Dataset Pathname: pass5
Dataset Creation: Wed Mar 06 06:29:07 2013 by Log SOC 110722

Dual Induction Calibration Report

Serial-Model:	1006-C
Surface Cal Performed:	Tue Jan 26 15:11:57 2010
Downhole Cal Performed:	Wed Mar 06 06:13:13 2013
After Survey Verification Performed:	Wed Mar 06 06:28:55 2013

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.008	0.637	V	0.000	400.000	mmho/m	620.465	5.010
Medium	0.013	0.696	V	0.000	464.000	mmho/m	679.184	-8.788

Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.650	V	8.610	397.880	mmho/m	607.467	3.312
Medium	0.006	0.714	V	-1.120	462.890	mmho/m	656.087	-5.253

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-19.927	377.498	mmho/m	5.020	394.306	mmho/m	0.980	24.539
Medium	-4.415	418.293	mmho/m	-3.609	487.371	mmho/m	1.162	1.519
Shallow	0.060	0.426		14.000	162.730	mmho/m	-461.007	-13.595

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	-3.177	348.046	mmho/m	-19.927	377.498	mmho/m	0.980	24.539
Medium	-5.766	415.171	mmho/m	-4.415	418.293	mmho/m	1.162	1.519
Shallow	12.568	180.819	mmho/m	14.000	162.730	mmho/m	1.003	1.396

YOUNGQUIST BROTHERS

XY CALIPER GAMMA RAY LOG

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY
State FLORIDA

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY State FLORIDA
Location: API #:
SEC TWP RGE
Permanent Datum PAD Elevation PAD
Log Measured From PAD
Drilling Measured From PAD
Other Services: SEE COMMENTS
Elevation: K.B. D.F. G.L.

Date	06-MAR-2013
Run Number	RUN 1
Depth Driller	150'
Depth Logger	150'
Bottom Logged Interval	150'
Top Log Interval	CASING
Open Hole Size	64.5"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	0530
Equipment Number	102
Location	FT MYERS
Recorded By	GARCIA
Witnessed By	A. McTHENIA

Borehole Record

Run Number	Bit	From	To
ONE	64.5"	SURFACE	150'

Borehole Record

Run No	Bit	From	To
		MOREY	

Casing Record

	Size	Wgt/Ft	Top	Bottom
Surface String	65"	.375" W.T	SURFACE	34'
Prot. String				
Production String				
Liner				

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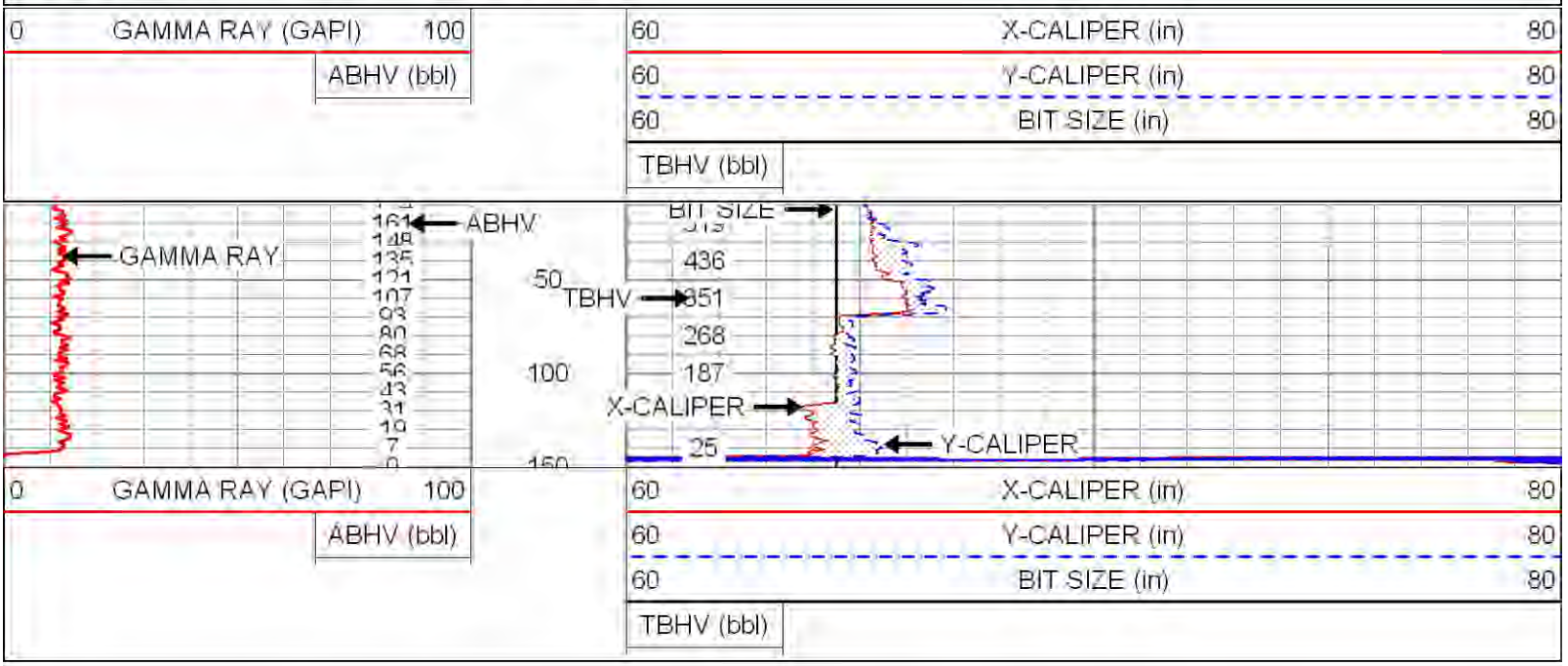
Comments

DUAL INDUCTION
BOREHOLE SONIC

YOUNGQUIST

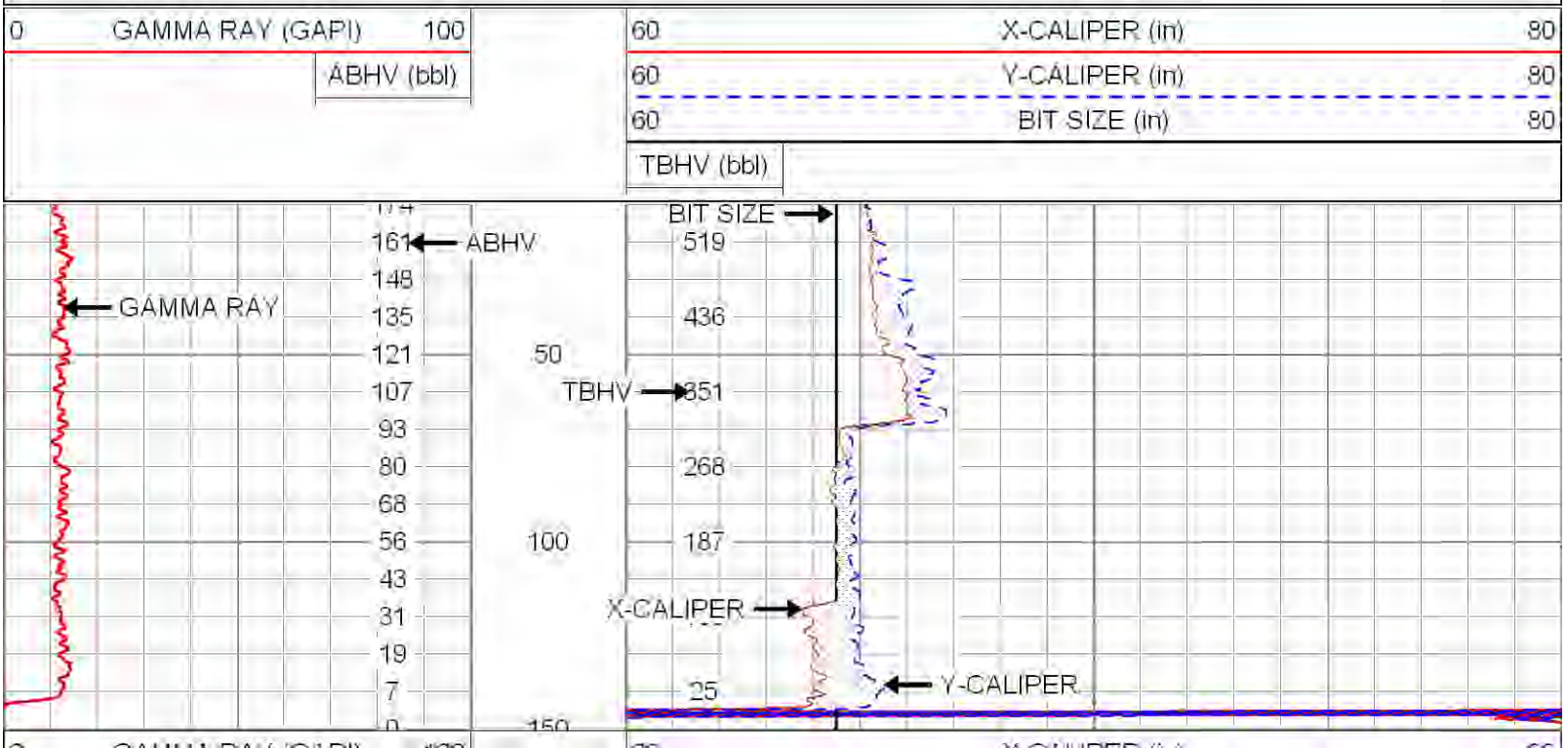
MAIN PASS

Database File: labelleiw1.db
Dataset Pathname: pass1.1
Presentation Format: grxy-ahv
Dataset Creation: Wed Mar 06 05:44:40 2013 by Calc SOC 110722
Charted by: Depth in Feet scaled 1:1200



MAIN PASS

Database File: labelleiw1.db
Dataset Pathname: pass1.1
Presentation Format: grxy-ahv
Dataset Creation: Wed Mar 06 05:44:40 2013 by Calc SOC 110722
Charted by: Depth in Feet scaled 1:600

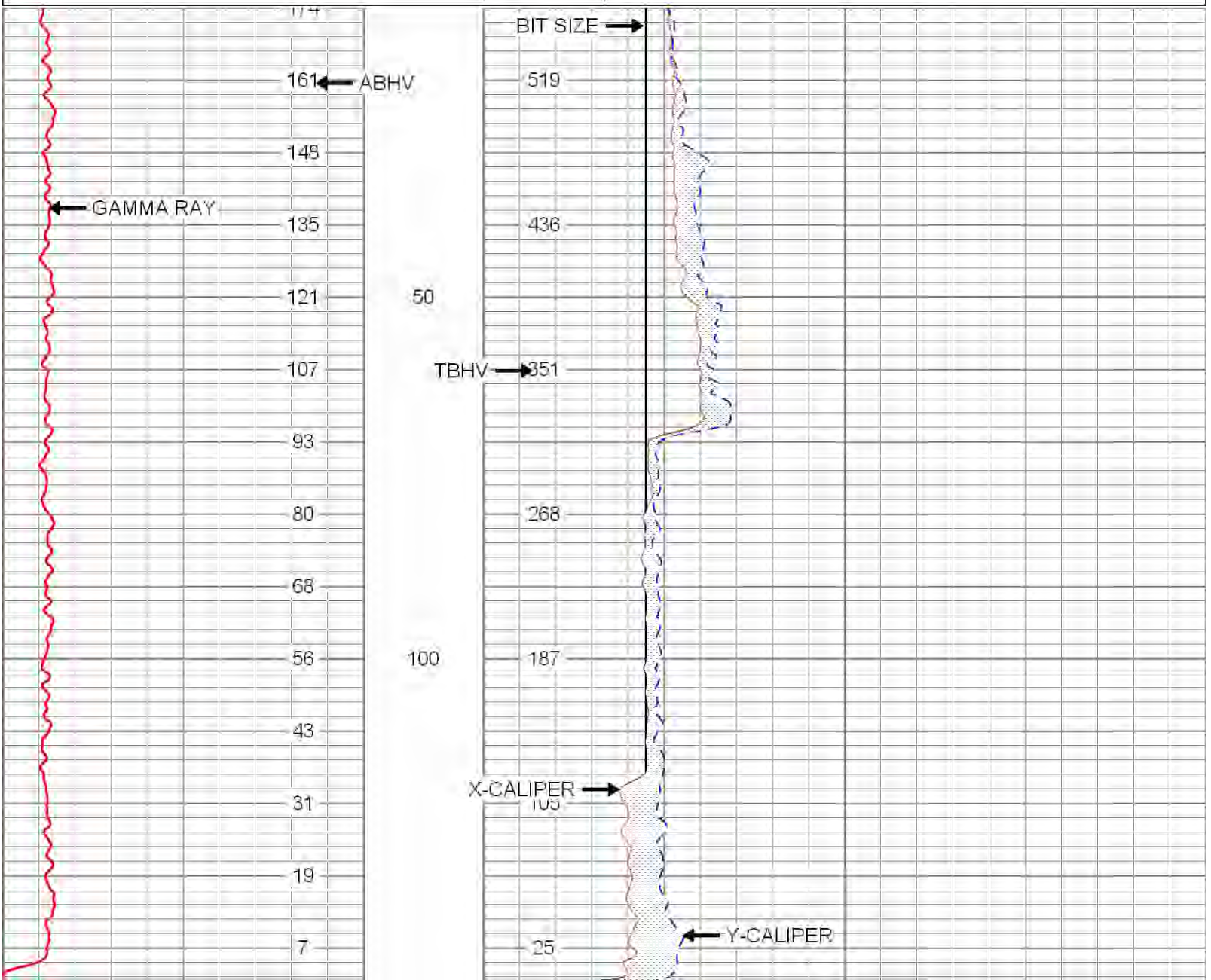


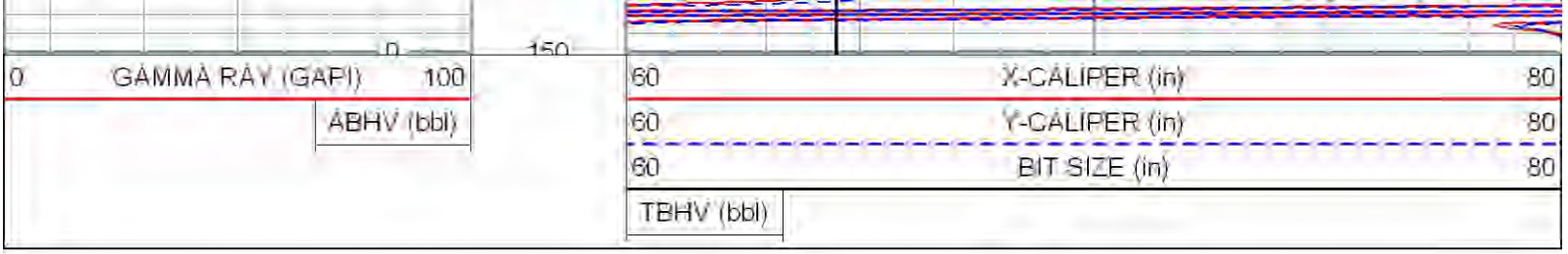
0	GAMMA RAY (GAPI)	100
	ABHV (bbl)	

60	X-CALIPER (in)	80
60	Y-CALIPER (in)	80
60	BIT SIZE (in)	80
	TBHV (bbl)	

MAIN PASS

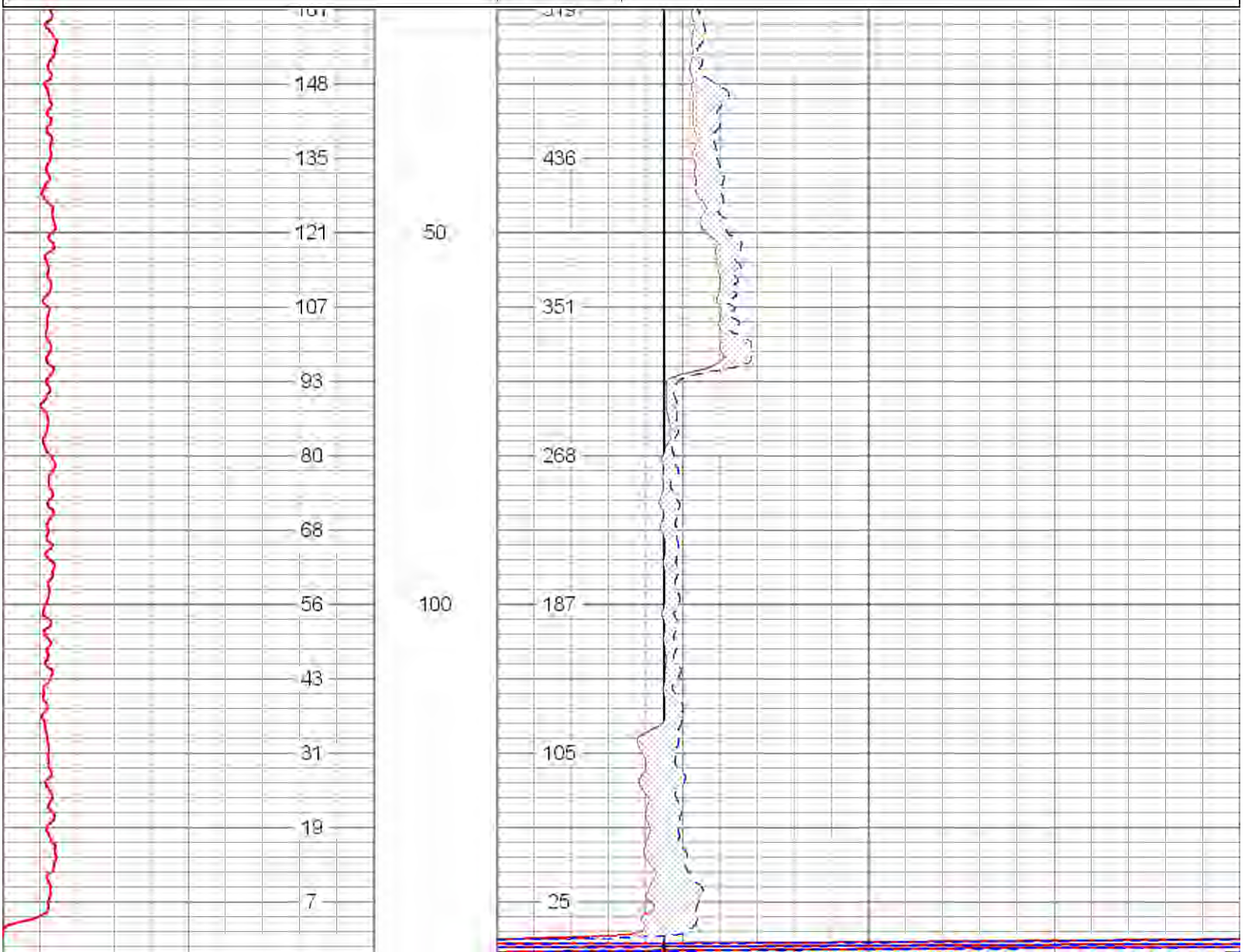
Database File:	labelleiw1.db
Dataset Pathname:	pass1.1
Presentation Format:	grxy-ahv
Dataset Creation:	Wed Mar 06 05:44:40 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240

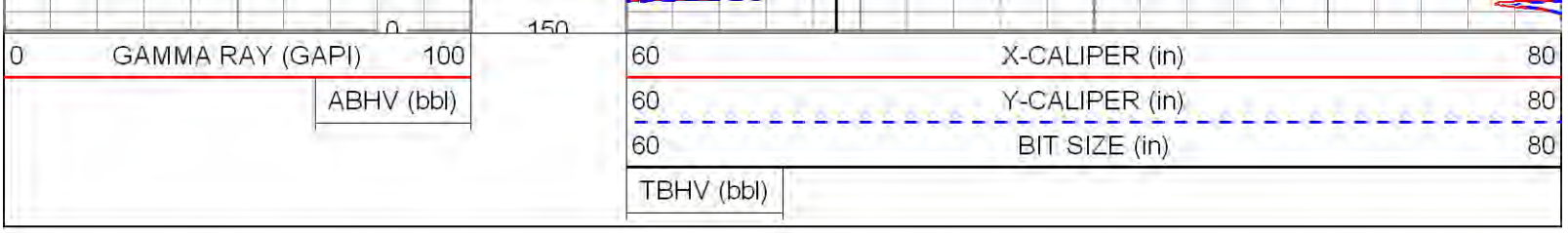




REPEAT PASS

Database File:	labelleiw1.db
Dataset Pathname:	pass2.2
Presentation Format:	grxy-ahv
Dataset Creation:	Wed Mar 06 06:36:41 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			GR-GROH (081007)	2.75	3.50	40.00
GR	7.60					
			XYC-XYCLM (46XL)	6.60	3.50	87.00
XCAL	1.50					
YCAL	1.50					

Dataset:	labelleiw1.db: field/well/run1/pass1.1
Total Length:	9.35 ft
Total Weight:	127.00 lb
O.D.	3.50 in

Calibration Report

Database File:	labelleiw1.db
Dataset Pathname:	pass1.1
Dataset Creation:	Wed Mar 06 05:44:40 2013 by Calc SOC 110722

XY Caliper Calibration Report

Serial Number/Model:	46XL-XYCLM
Performed:	Wed Mar 06 05:05:29 2013

	Ring		X Caliper		Y Caliper	
1:	40	in	795.109	cps	763.261	cps
2:	50	in	860	cps	829.13	cps
3:	60	in	949.783	cps	905.978	cps
4:	65.25	in	1007.78	cps	950.526	cps
5:	70	in	1034.13	cps	978.696	cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	081007	
Tool Model:	GROH	
Performed:	Thu Apr 26 09:34:02 2012	
Calibrator Value:	90.0	GAPI
Background Reading:	210.1	cps
Calibrator Reading:	753.5	cps
Sensitivity:	0.1656	GAPI/cps

BOREHOLE SONIC with VDL LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	11-MAR-2013		
Run Number	RUN 2		
Depth Driller	900'		
Depth Logger	904'		
Bottom Logged Interval	904'		
Top Log Interval	CASING		
Open Hole Size	14.75"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	1845		
Time Logger on Bottom	1900		
Equipment Number	102		
Location	FT MYERS		
Recorded By	MOREY		
Witnessed By	K. CHENEY		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5"	SURFACE	150'				
TWO	14.75"	CASING	900'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String				
Liner				

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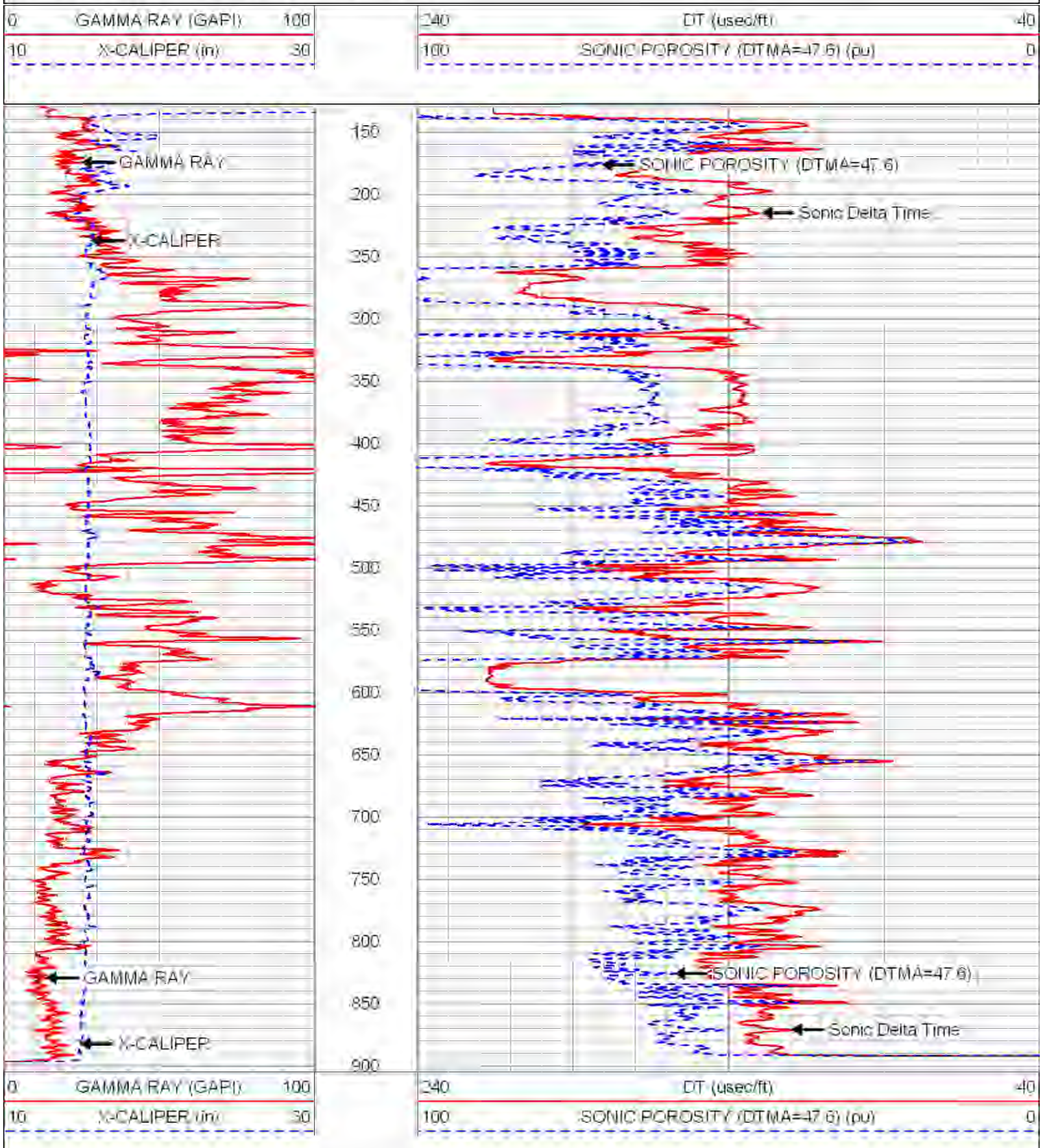
Comments

DUAL INDUCTION
XY-CALIPER/GAMMA-RAY

MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run2/pass18
Presentation Format:	son_por
Dataset Creation:	Mon Mar 11 23:28:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:1200



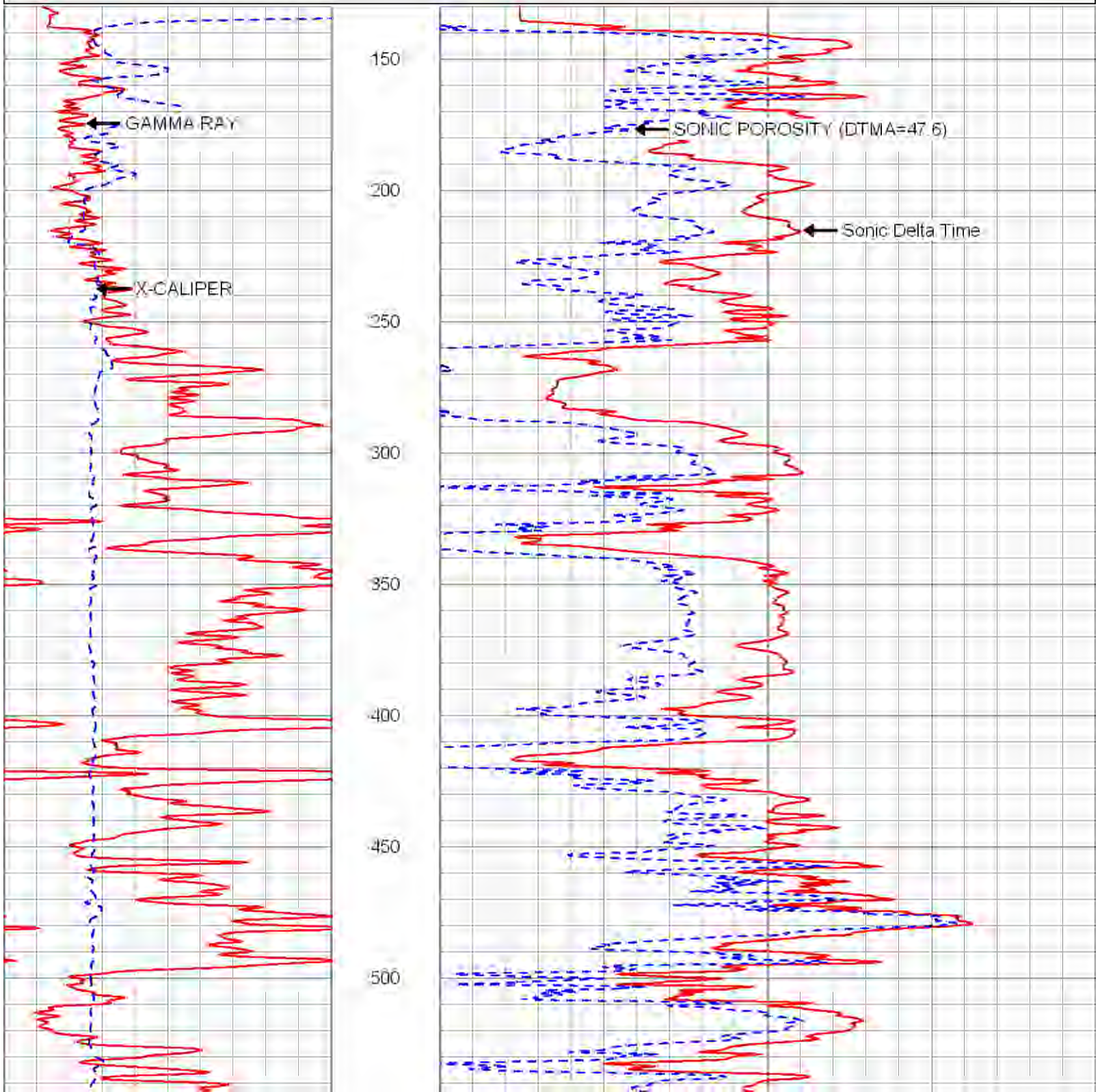
YOUNGQUIST

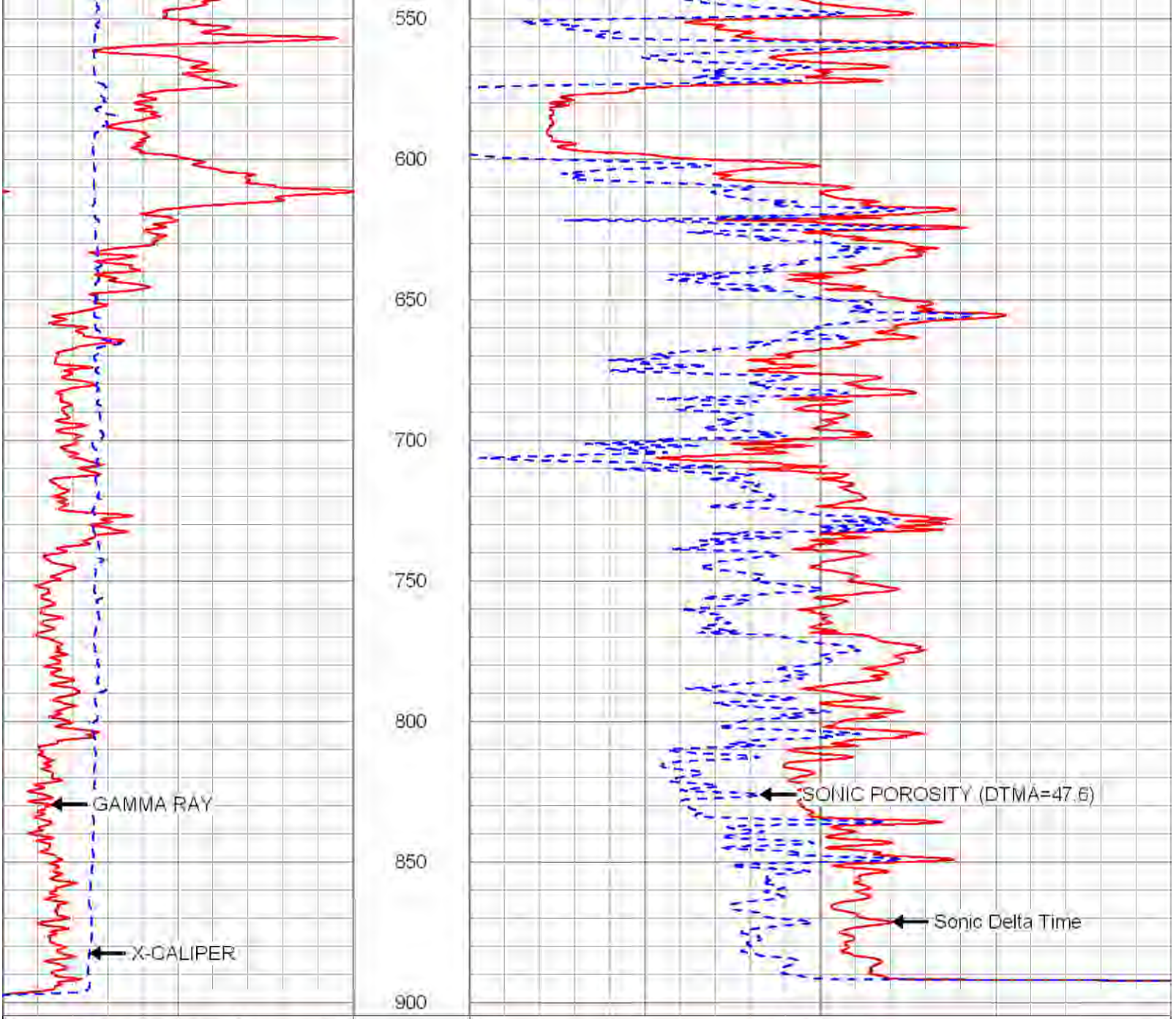
MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run2/pass18
Presentation Format:	son_por
Dataset Creation:	Mon Mar 11 23:28:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	30

240	DT (usec/ft)	40
100	SONIC POROSITY (DTMA=47.6) (pu)	0





0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	30

240	DT (usec/ft)	40
100	SONIC POROSITY (DTMA=47.6) (pu)	0

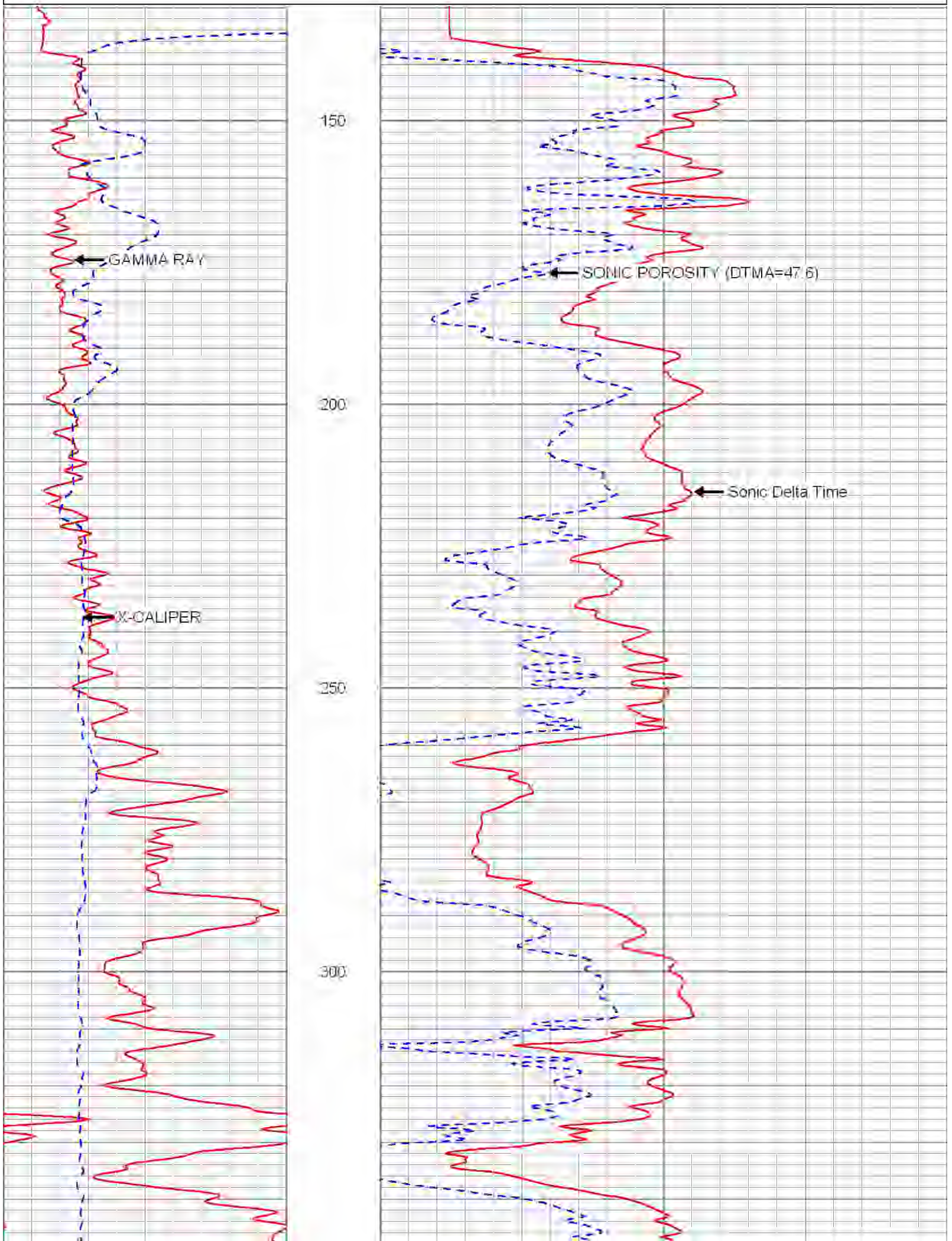
YOUNGQUIST EXOTHERS

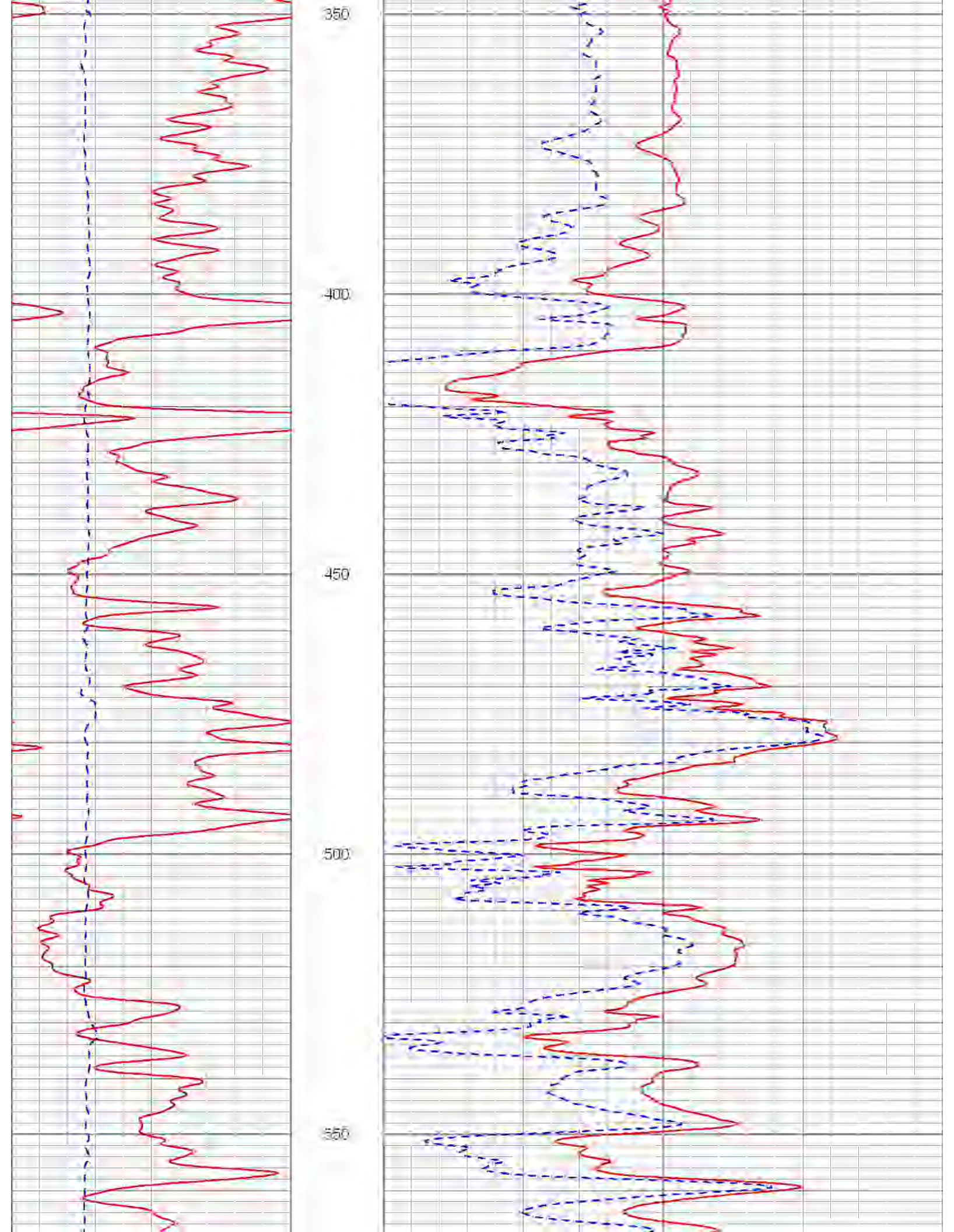
MAIN PASS

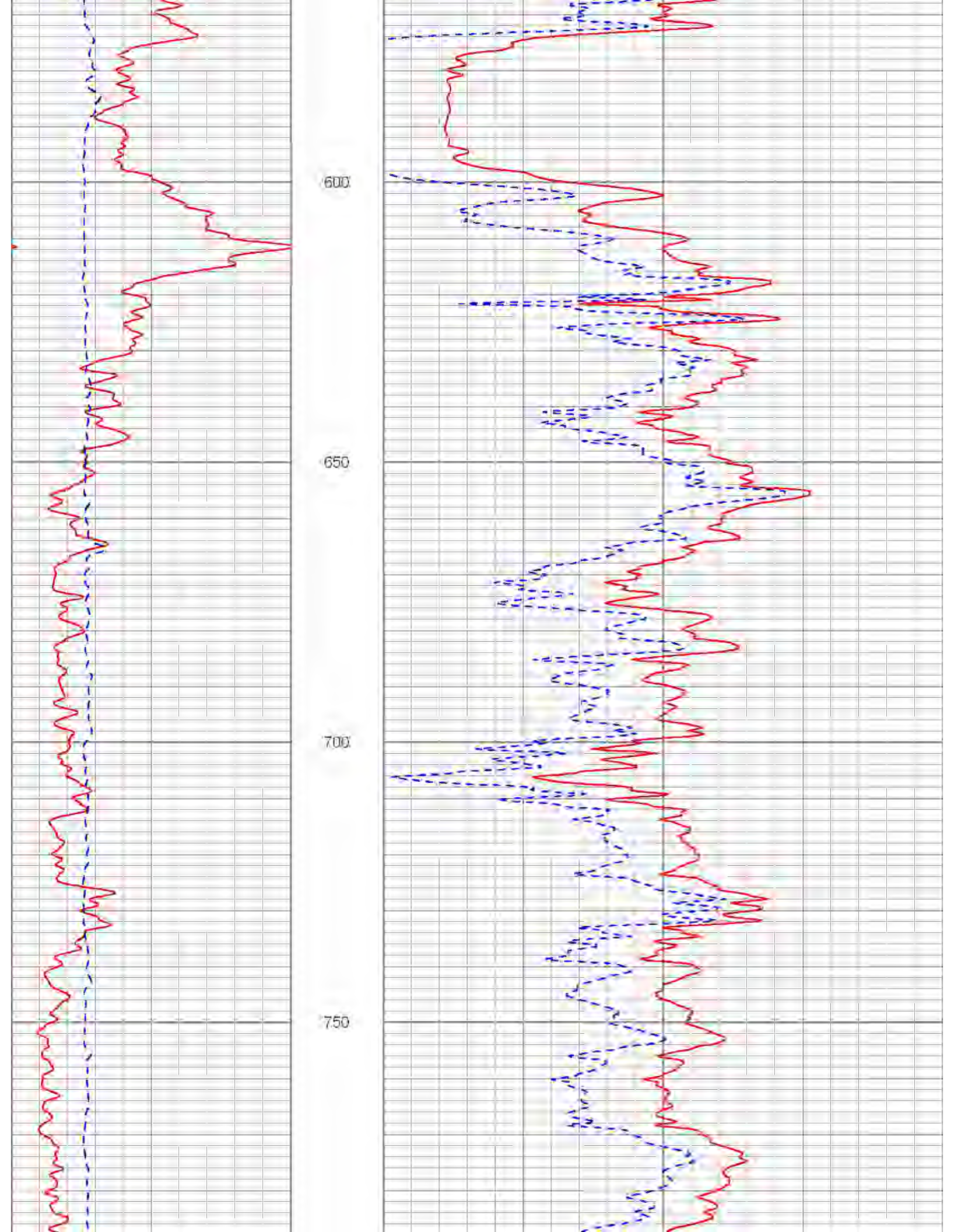
Database File:	labelleiw1.db
Dataset Pathname:	run2/pass18
Presentation Format:	son_por
Dataset Creation:	Mon Mar 11 23:28:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

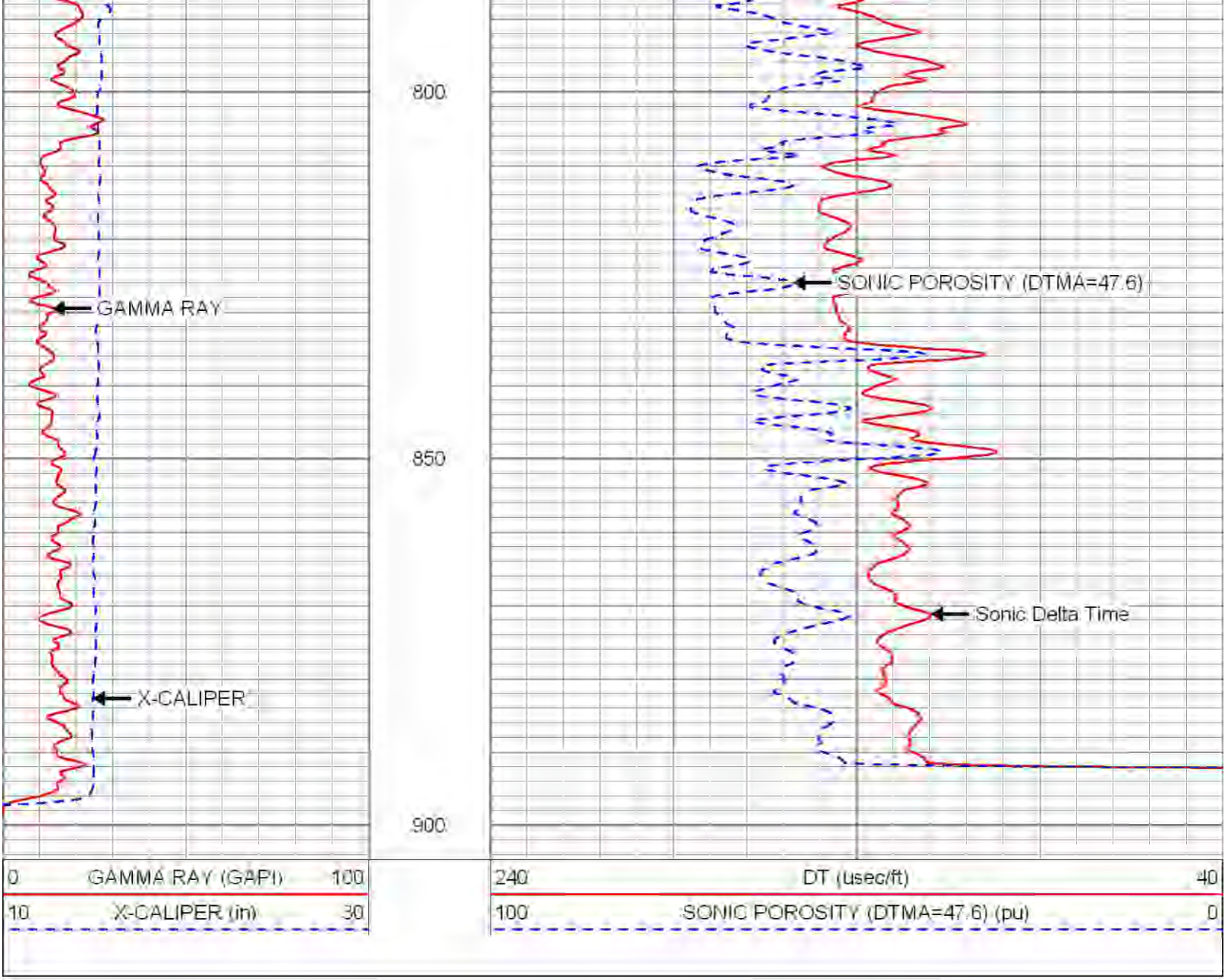
0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	30

240	DT (usec/ft)	40
100	SONIC POROSITY (DTMA=47.6) (pu)	0


GAMMA RAY
X-CALIPER
150
200
250
300
SONIC POROSITY (DTMA=47.6)
Sonic Delta Time

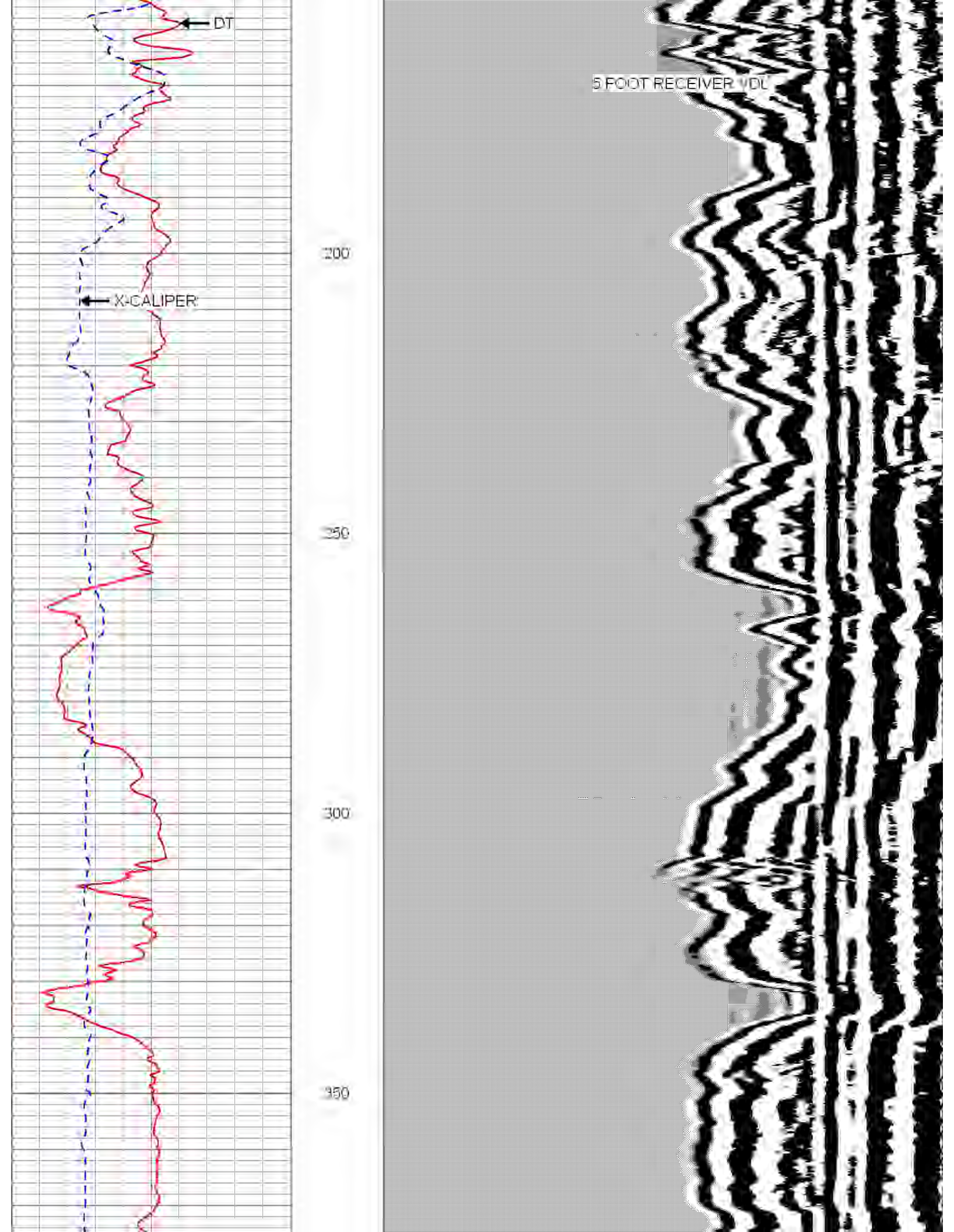

350
400
450
500
550

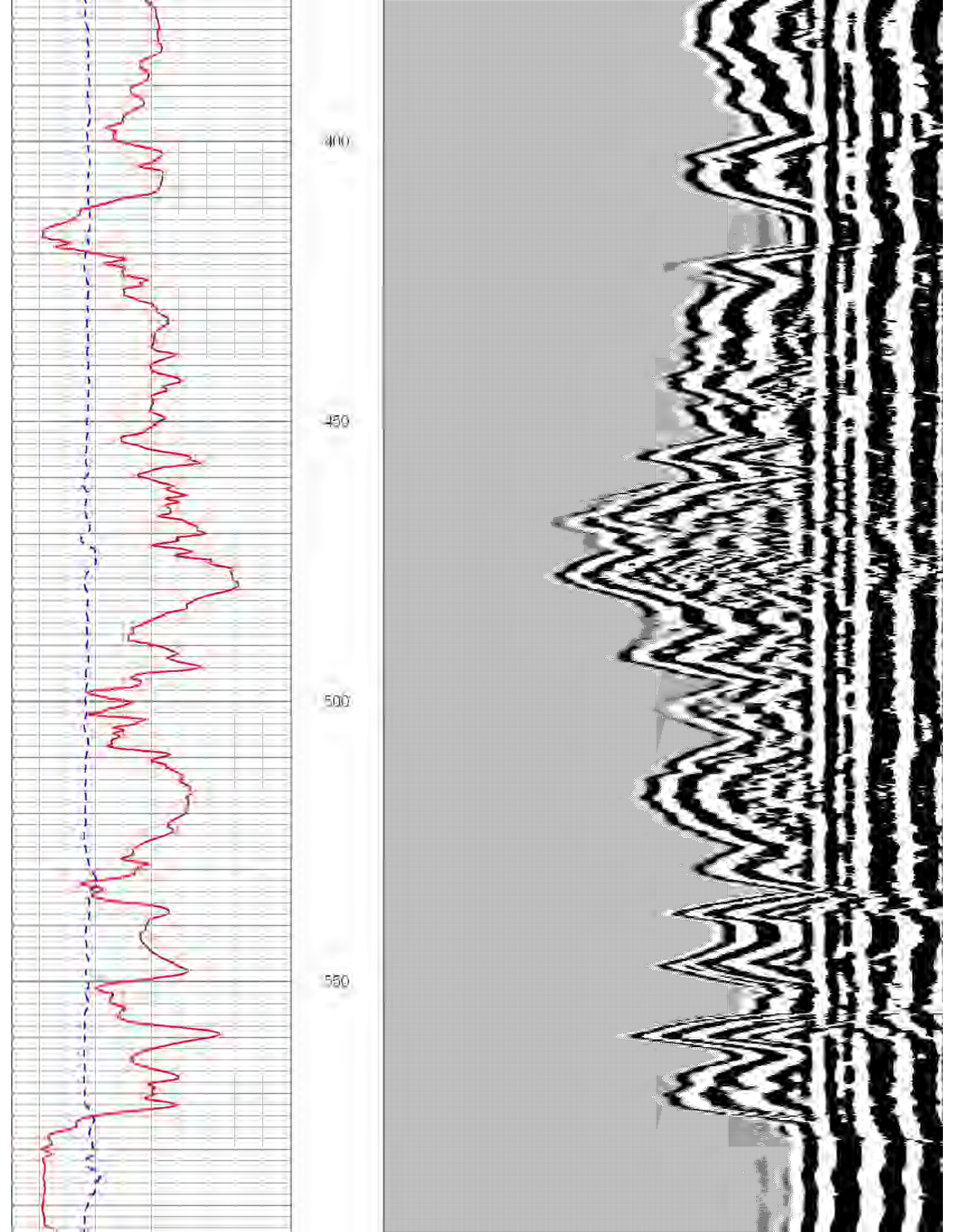

600
650
700
750

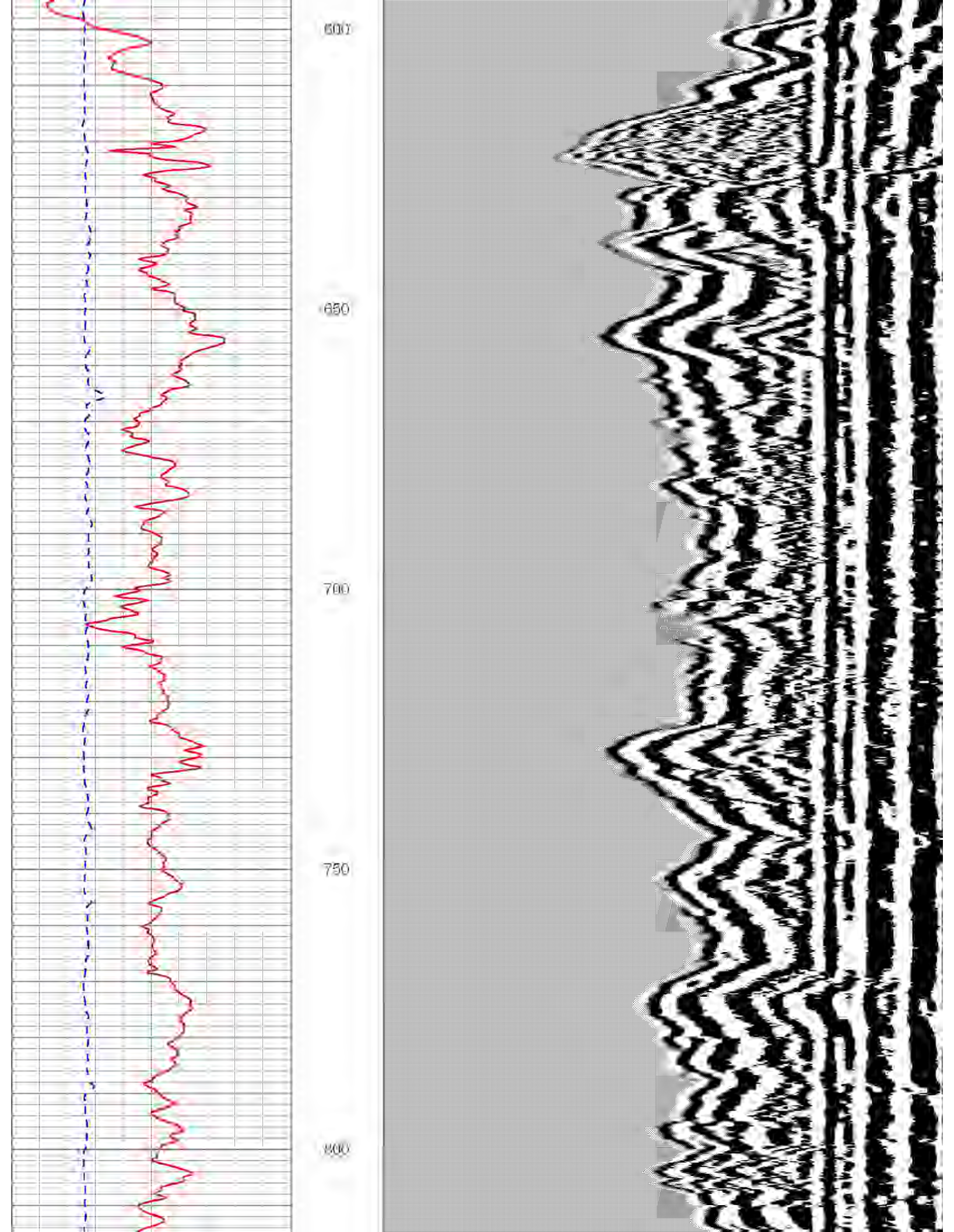


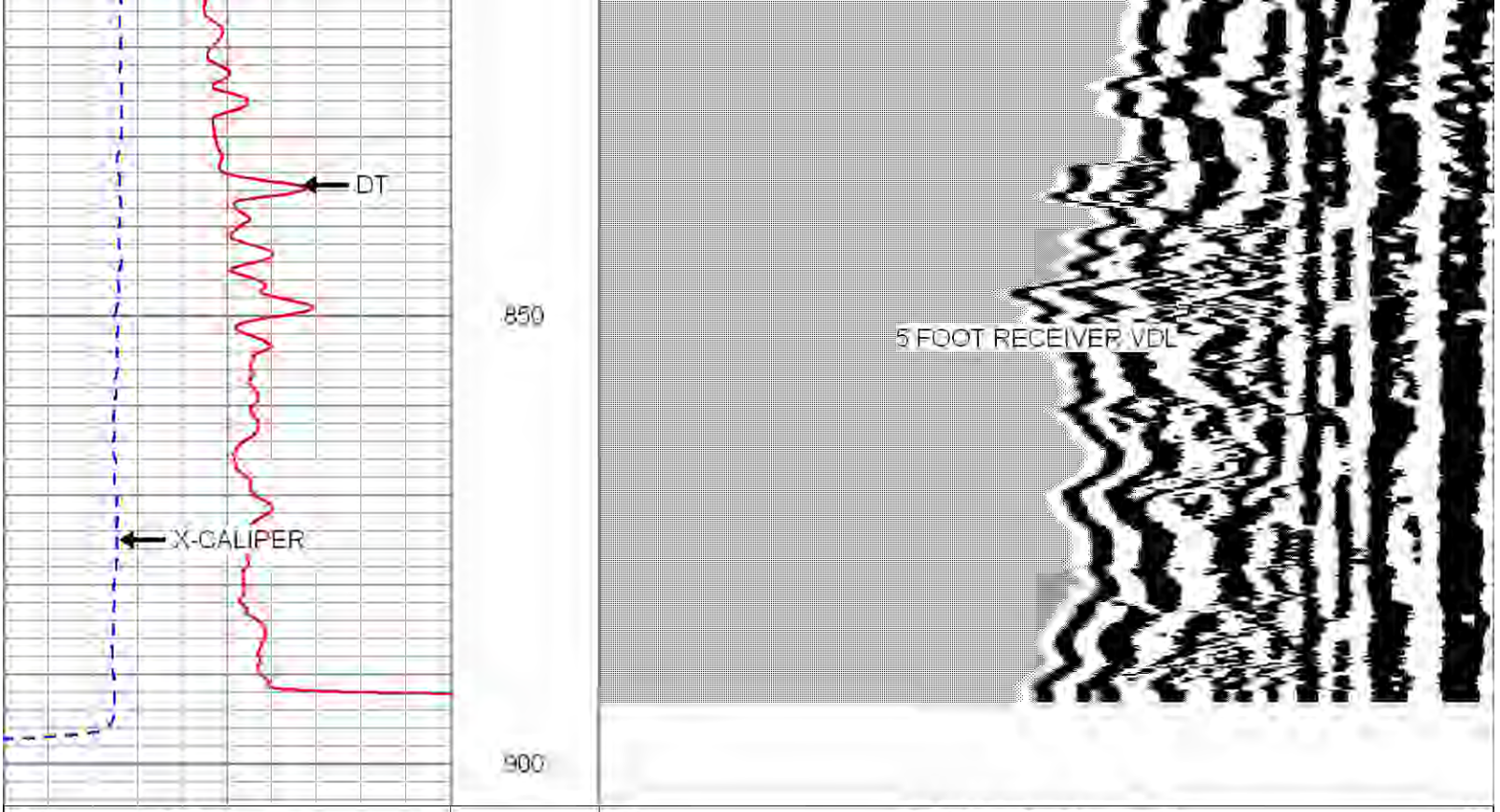
MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run2/pass18
Presentation Format:	son_vdl
Dataset Creation:	Mon Mar 11 23:28:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240


DT
X-CALIPER
200
250
300
350
5 FOOT RECEIVER VDL


400
450
500
550


600
650
700
750
800



240	DT (usec/ft)	40
10	X-CALIPER (in)	30

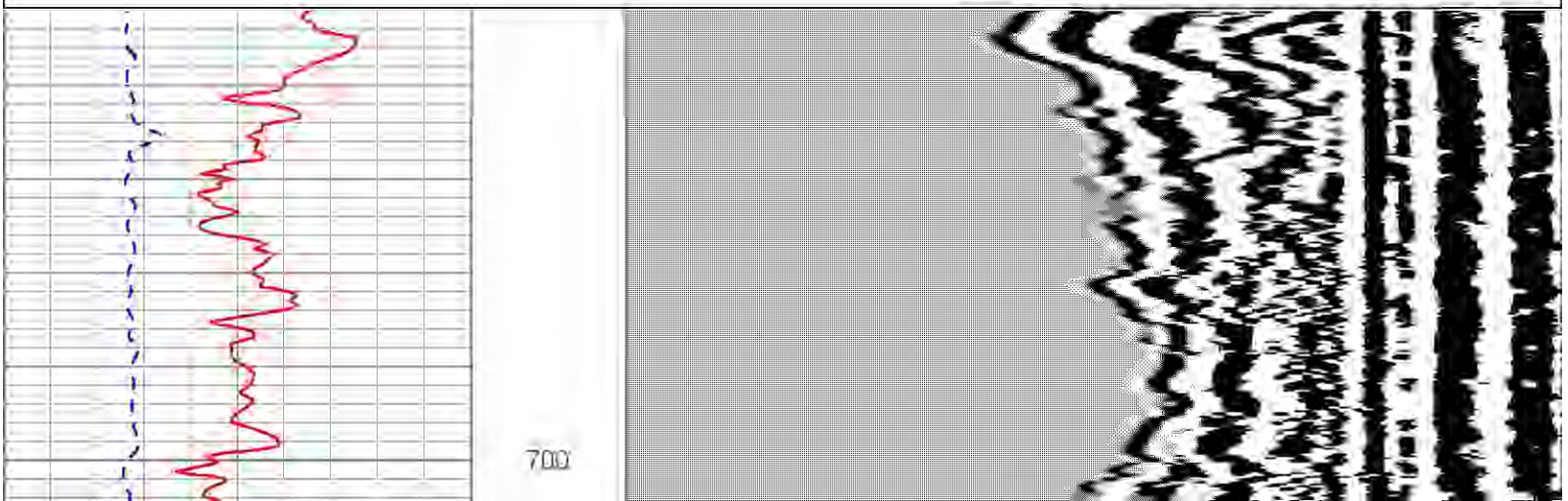
400	5 FOOT RECEIVER VDL	1400

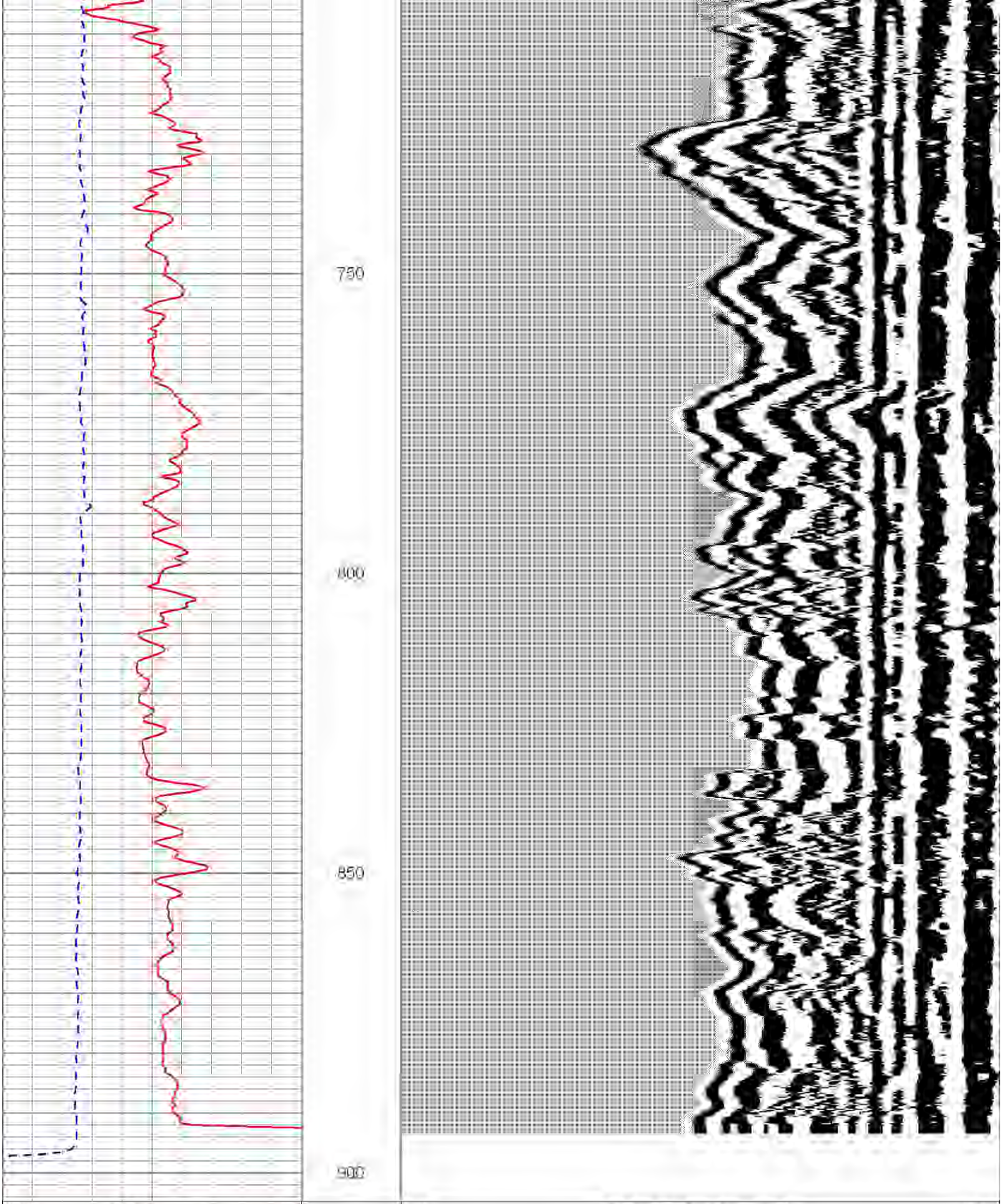
REPEAT PASS

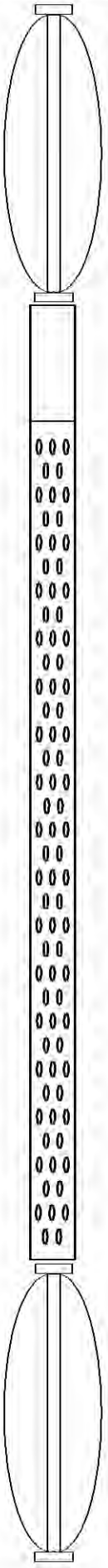
Database File:	labelleiw1.db
Dataset Pathname:	run2/pass9
Presentation Format:	son_vdl
Dataset Creation:	Mon Mar 11 23:13:59 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

240	DT (usec/ft)	40
10	X-CALIPER (in)	30

400	5 FOOT RECEIVER VDL	1400




750
800
850
900
240
DT (usec/ft)
40
10
X-CALIPER (in)
30
400
5 FOOT RECEIVER VDL
1400

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			TOP	5.00	3.00	50.00
WVF1	13.50					
WVF3	13.50		SLT-PENGO (03)	16.00	3.50	127.00
WVF2	11.50					
WVF4	11.50					
			BOT	5.00	3.00	50.00

Dataset:	labelleiw1.db: field/well/run2/pass18
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

DUAL INDUCTION with LL3 LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	11-MAR-2013		
Run Number	RUN 2		
Depth Driller	900'		
Depth Logger	904'		
Bottom Logged Interval	904'		
Top Log Interval	CASING		
Open Hole Size	14.75"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	1845		
Time Logger on Bottom	1900		
Equipment Number	102		
Location	FT MYERS		
Recorded By	MOREY		
Witnessed By	K. CHENEY		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5"	SURFACE	150'				
TWO	14.75"	CASING	900'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String				
Liner				

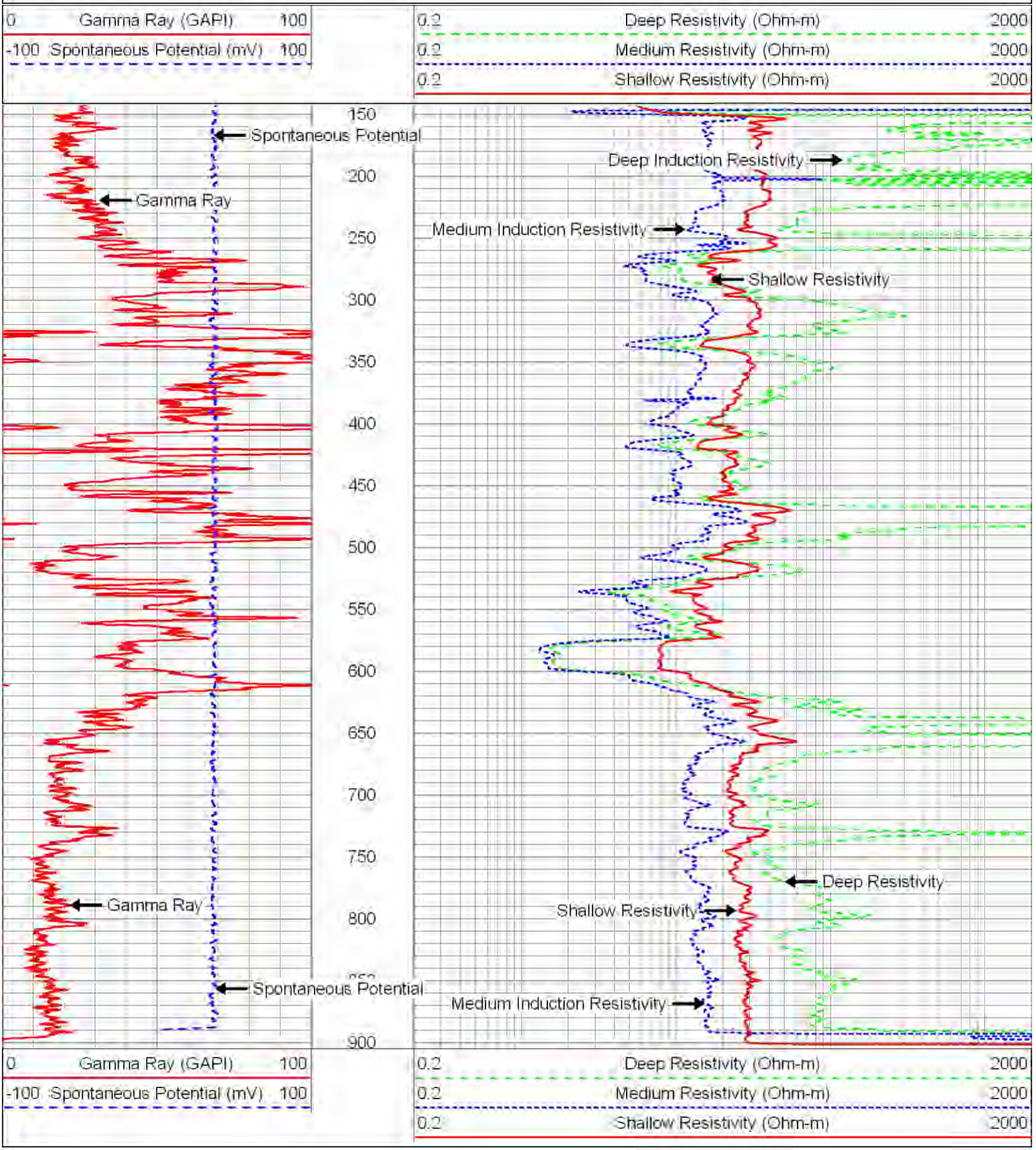
<<< Fold Here >>>

Comments

XY-CALIPER/GAMMA-RAY
BOREHOLE SONIC

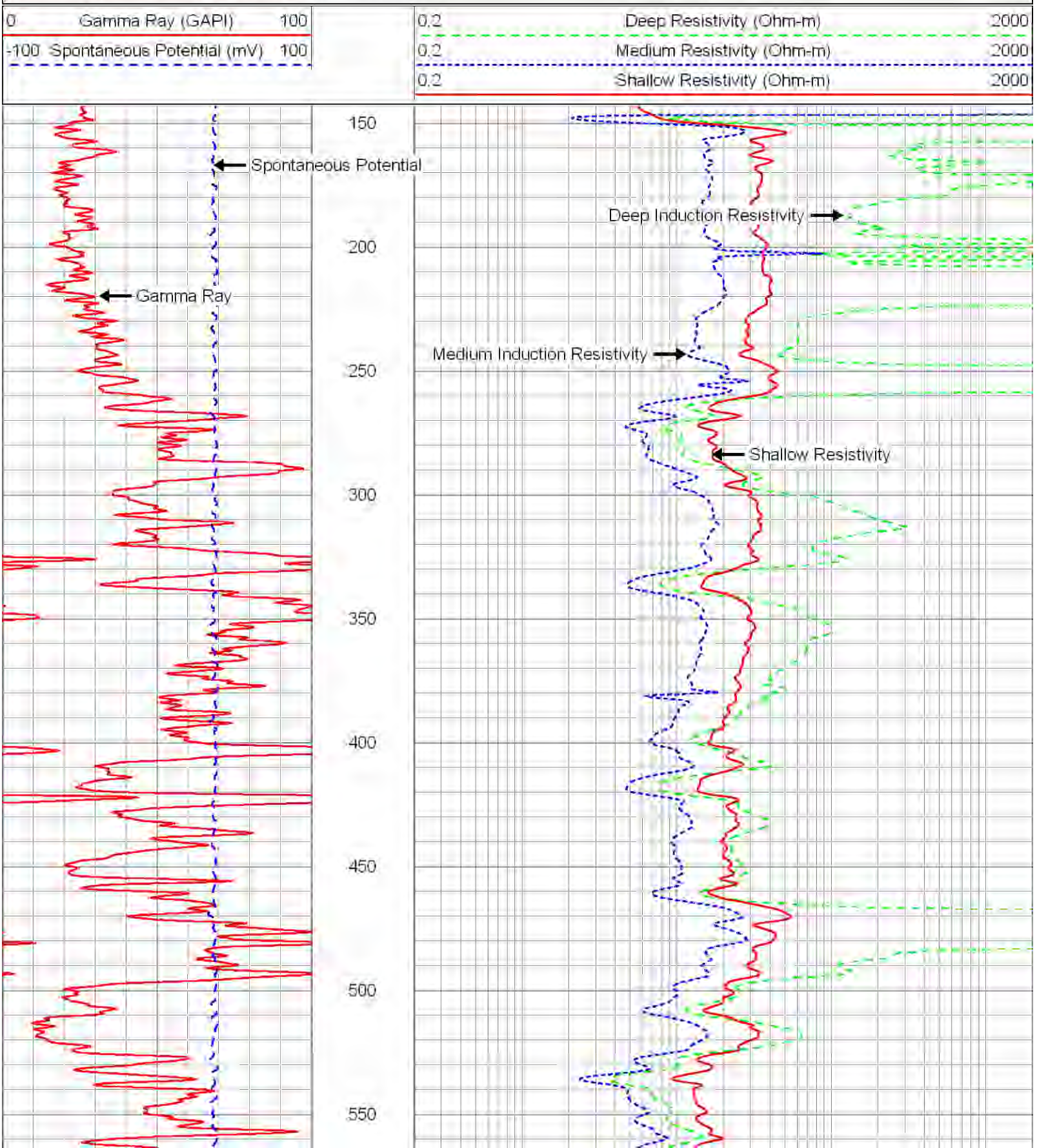
MAIN PASS

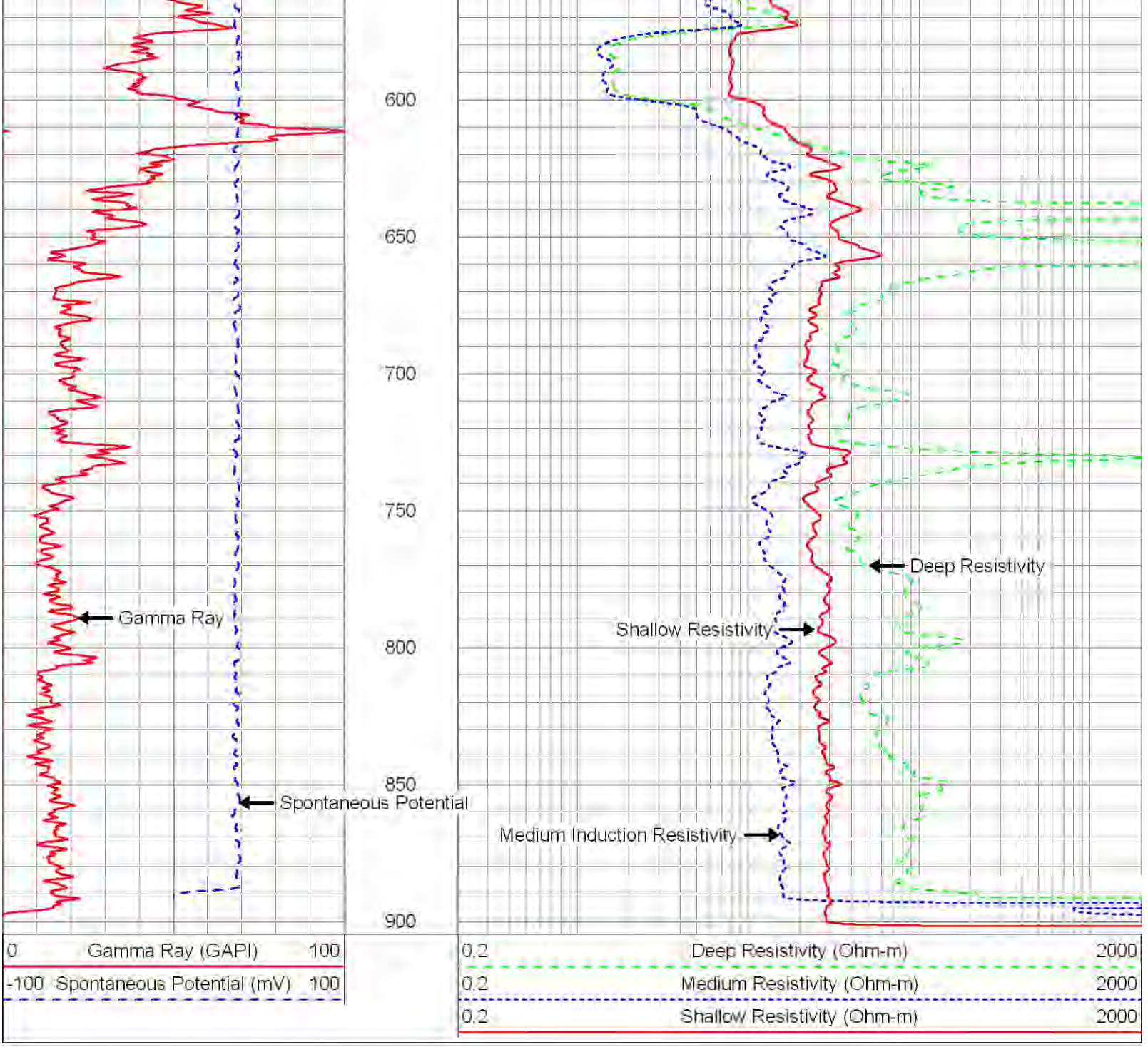
Database File:	labelleiw1.db
Dataset Pathname:	run2/pass6
Presentation Format:	dil
Dataset Creation:	Mon Mar 11 21:03:08 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:1200



MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run2/pass6
Presentation Format:	dil
Dataset Creation:	Mon Mar 11 21:03:08 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

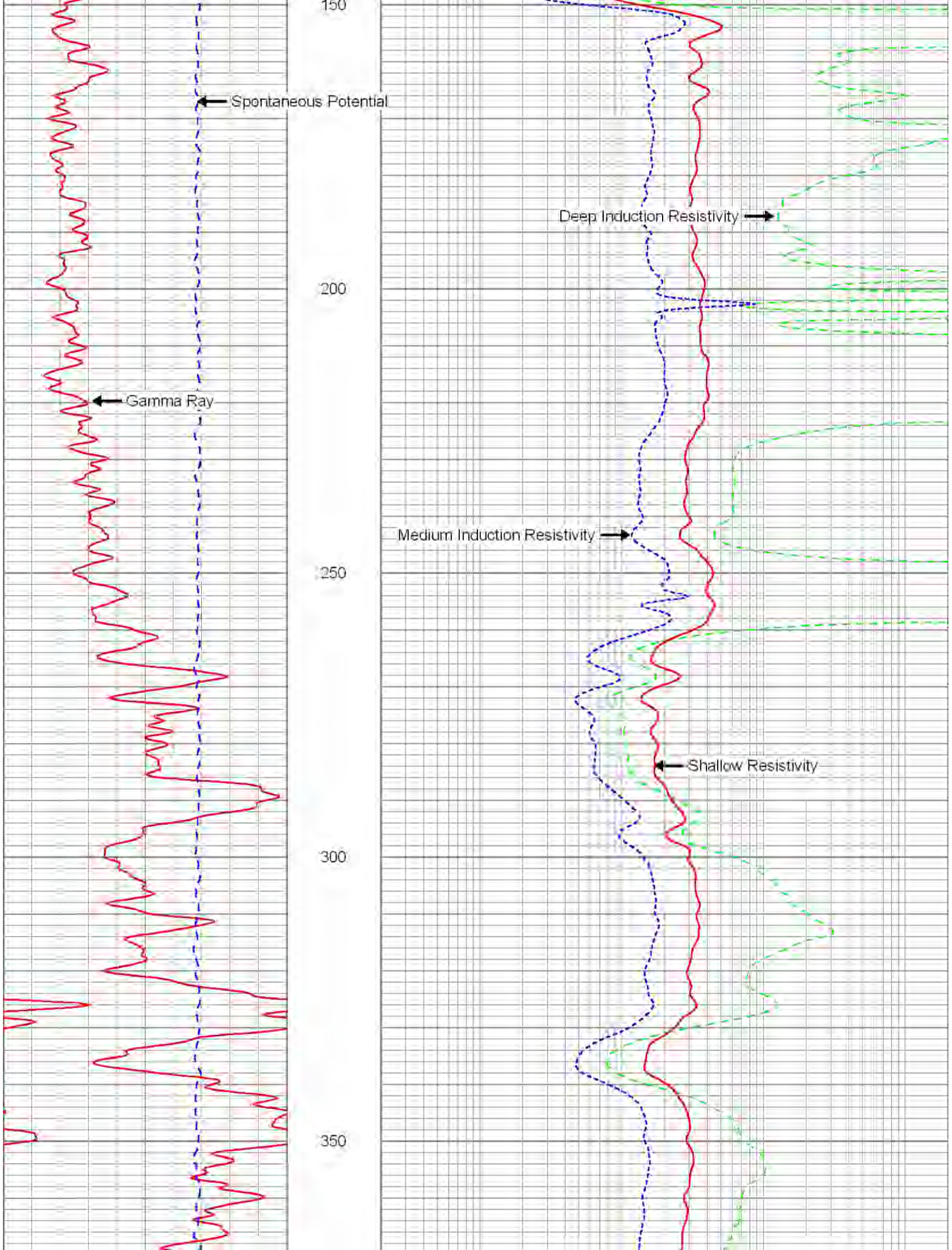


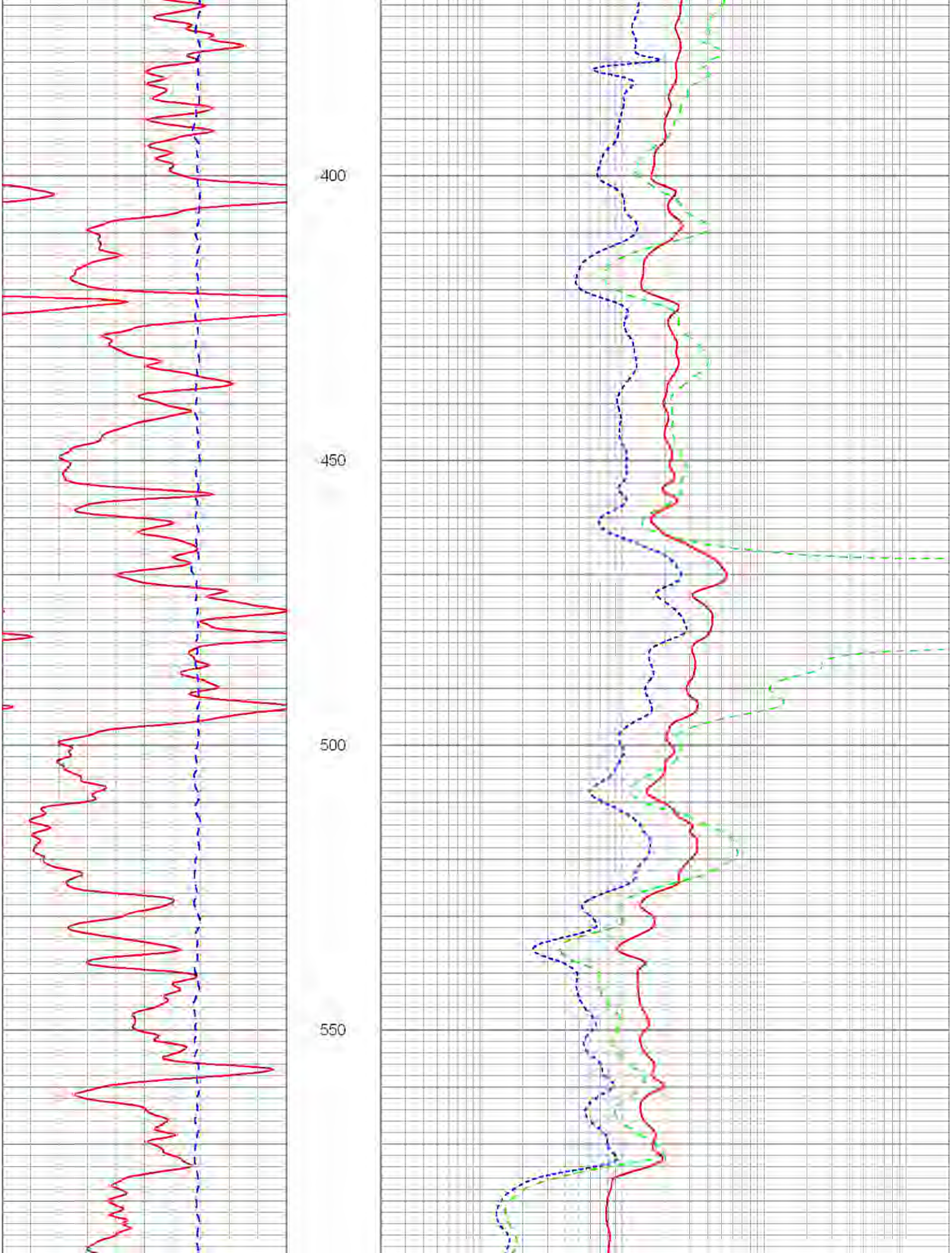


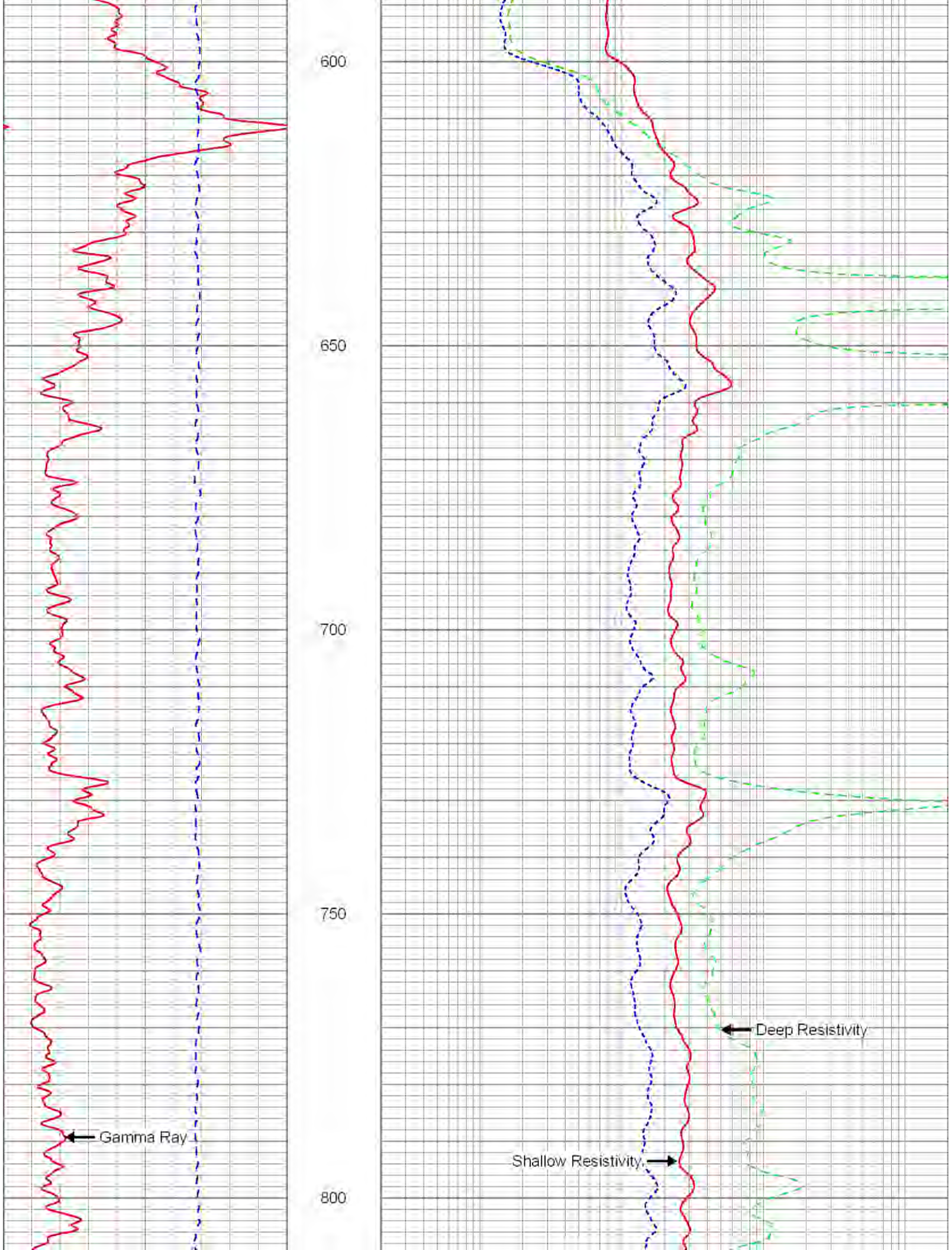
MAIN PASS

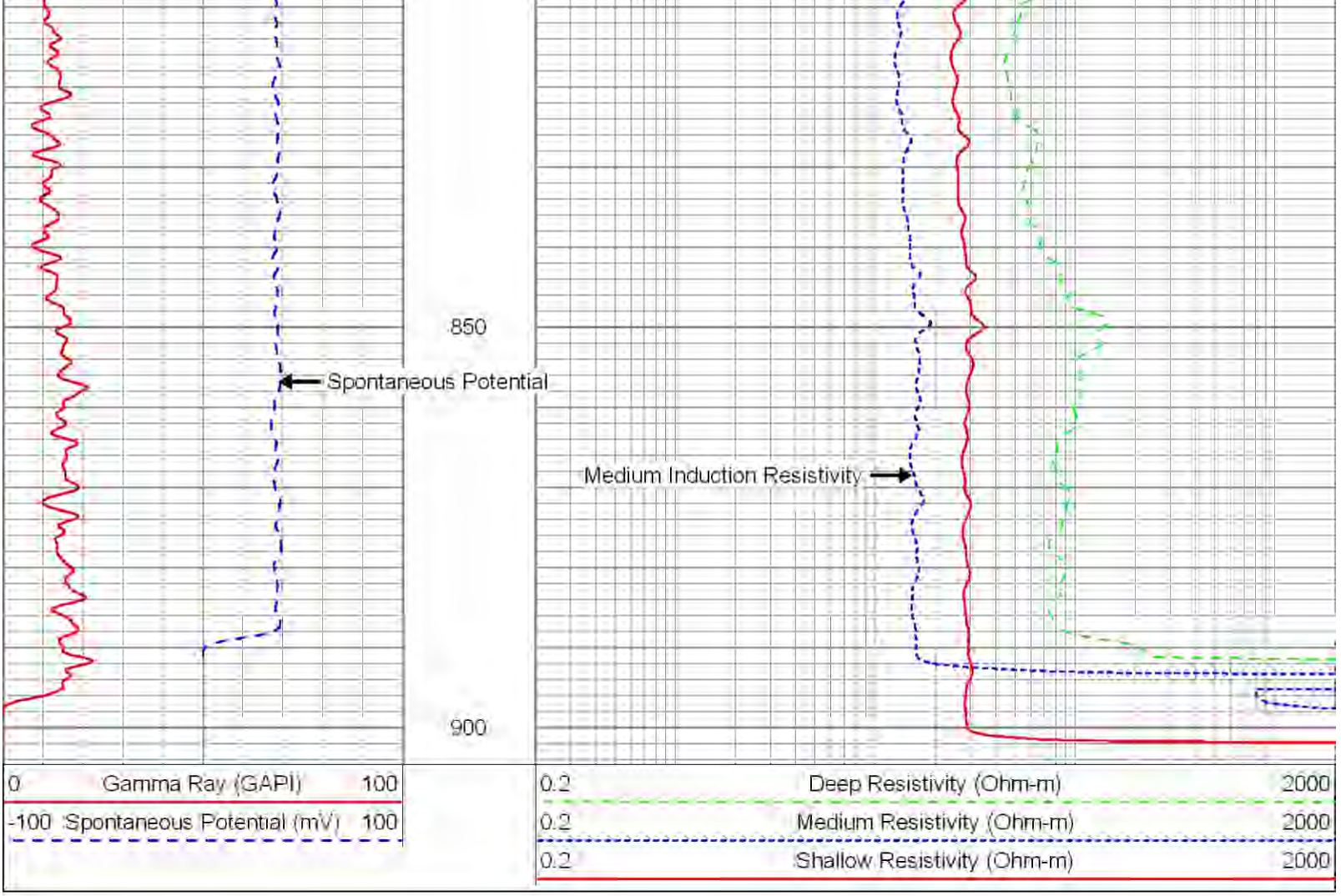
Database File:	labellelw1.db
Dataset Pathname:	run2/pass6
Presentation Format:	dil
Dataset Creation:	Mon Mar 11 21:03:08 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000


150
Spontaneous Potential
Deep Induction Resistivity
200
Gamma Ray
Medium Induction Resistivity
250
Shallow Resistivity
300
350

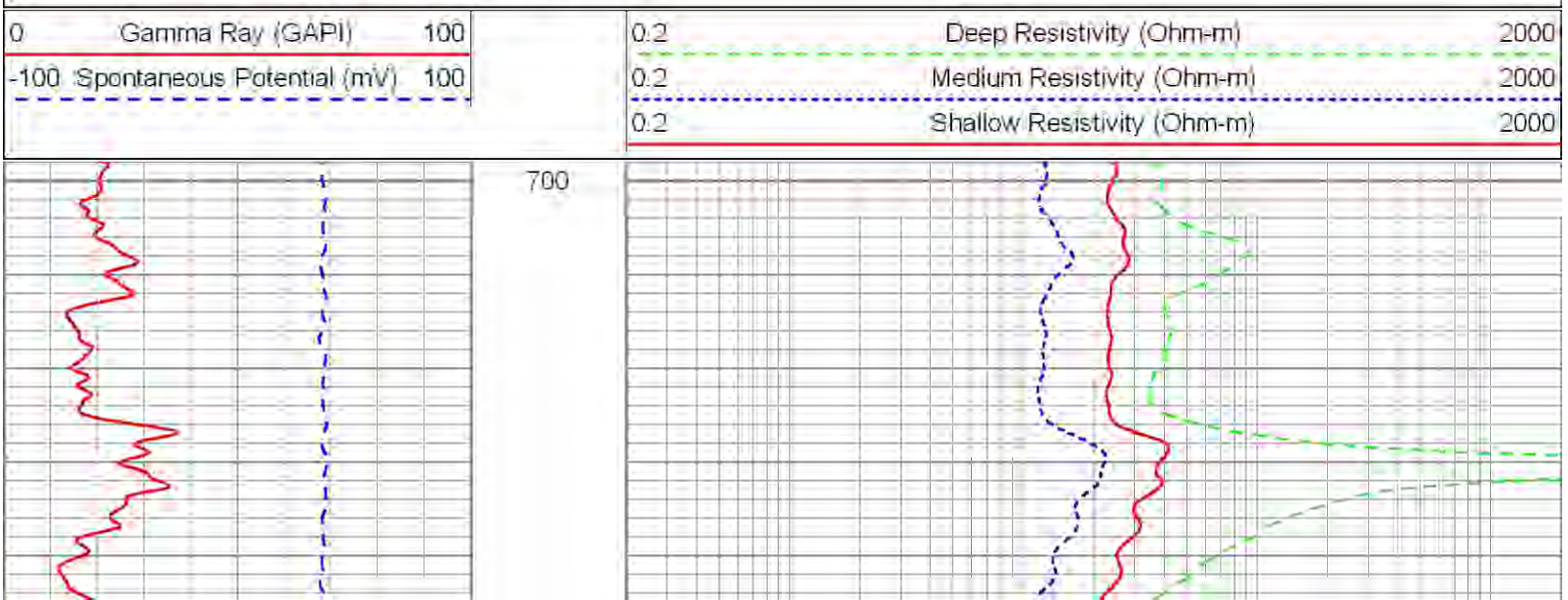

400
450
500
550

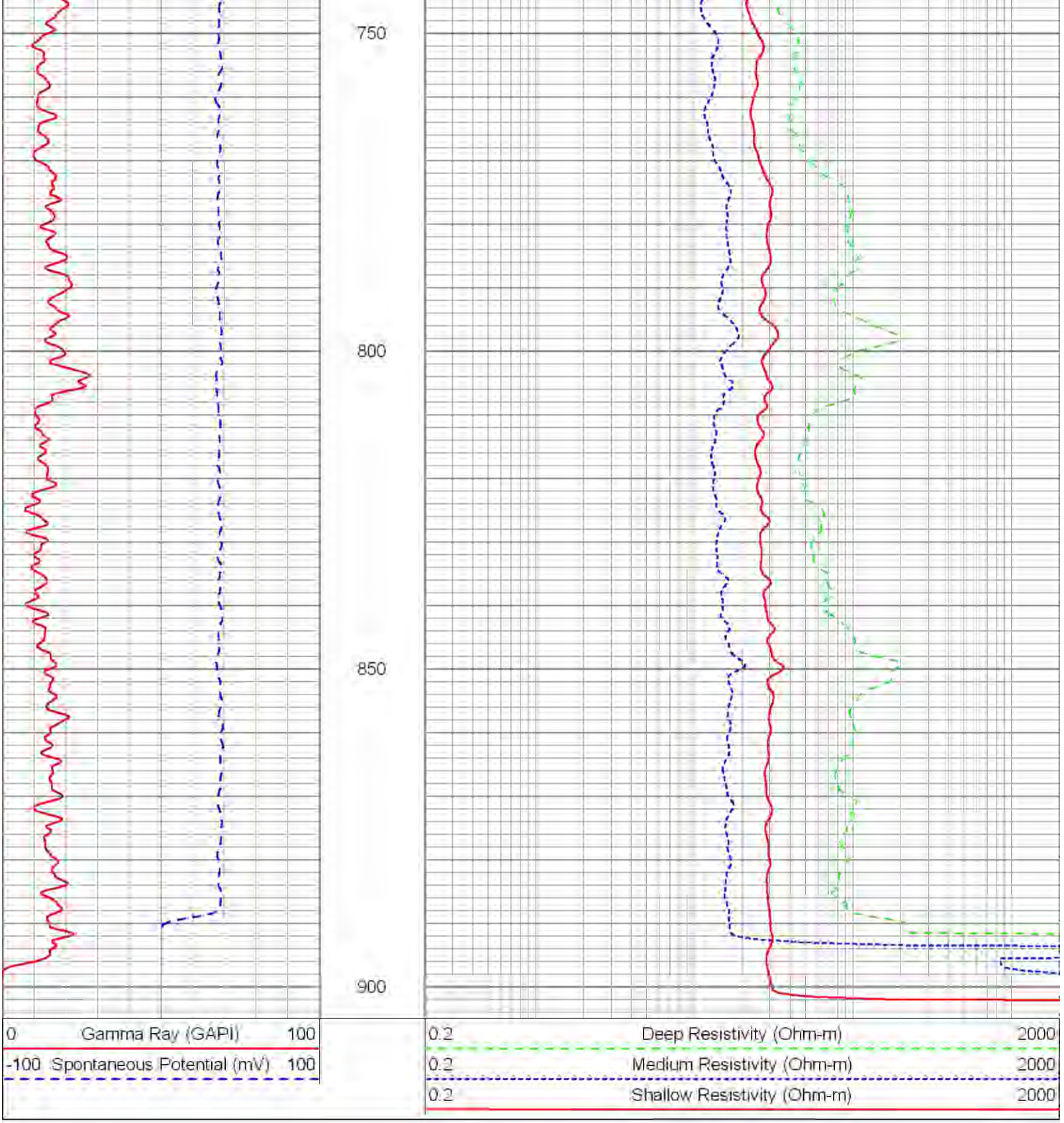

600
650
700
750
800
Gamma Ray
Deep Resistivity
Shallow Resistivity



REPEAT PASS

Database File:	labellenw1.db
Dataset Pathname:	run2/pass5
Presentation Format:	dil
Dataset Creation:	Mon Mar 11 20:53:45 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240





Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run2/pass7
Dataset Creation: Mon Mar 11 21:27:10 2013 by Log SOC 110722

Dual Induction Calibration Report

Serial-Model	1006-C
Surface Cal Performed:	Tue Jan 26 15:11:57 2010
Downhole Cal Performed:	Mon Mar 11 20:37:01 2013
After Survey Verification Performed:	Mon Mar 11 21:27:07 2013

Surface Calibration

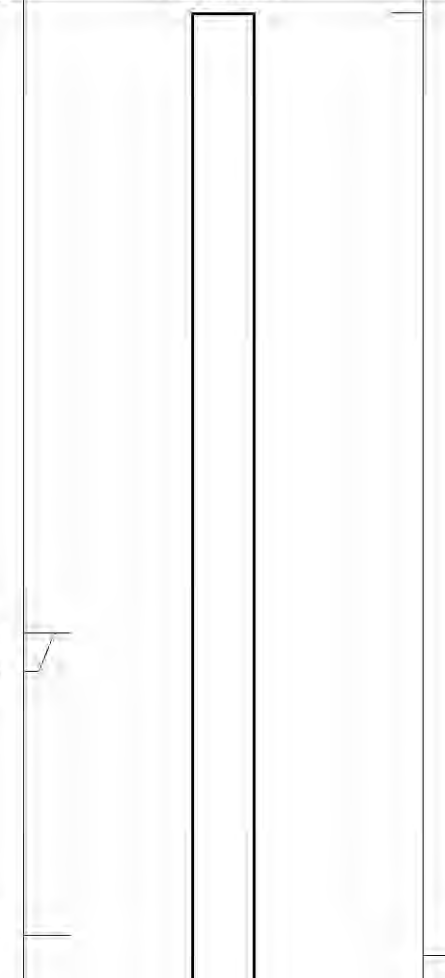
Loop:	Readings Air	Readings Loop		References Air	References Loop		Results m	Results b
Deep	-0.008	0.637	V	0.000	400.000	mmho/m	620.465	5.010
Medium	0.013	0.696	V	0.000	464.000	mmho/m	679.184	-8.788
Internal	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.650	V	8.610	397.880	mmho/m	607.467	3.312
Medium	0.006	0.714	V	-1.120	462.890	mmho/m	656.087	-5.253

Downhole Calibration

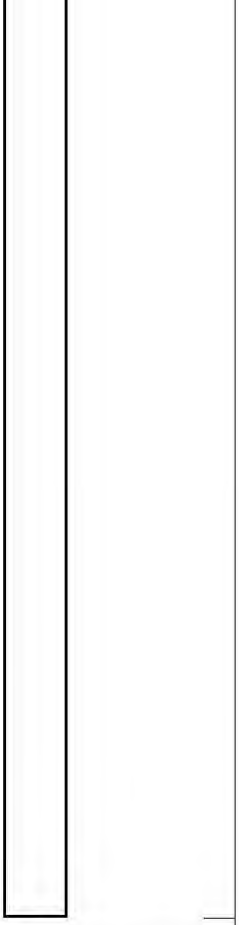
Internal	Readings Zero	Readings Cal		References Zero	References Cal		Results m	Results b
Deep	6.059	349.474	mmho/m	5.020	394.306	mmho/m	1.134	-1.848
Medium	-5.886	440.077	mmho/m	-3.609	487.371	mmho/m	1.101	2.872
Shallow	0.059	0.425		14.000	182.730	mmho/m	460.768	-13.305

After Survey Verification

Internal:	Readings Zero	Readings Cal		Targets Zero	Targets Cal		Results m'	Results b'
Deep	4.294	339.775	mmho/m	6.059	349.474	mmho/m	1.134	-1.848
Medium	-9.335	432.694	mmho/m	-5.886	440.077	mmho/m	1.101	2.872
Shallow	12.740	180.598	mmho/m	14.000	182.730	mmho/m	1.005	1.194

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CILD	15.88					
SP	15.88					
CILM	12.08		DIL-C (1006)	23.67	3.50	175.00

CLL3	3.13						
RWLL3	3.13						



Dataset:	labelleiw1.db: field/well/run2/pass6
Total Length:	23.67 ft
Total Weight:	175.00 lb
O.D.	3.50 in

XY CALIPER GAMMA RAY LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	11-MAR-2013		
Run Number	RUN 2		
Depth Driller	900'		
Depth Logger	904'		
Bottom Logged Interval	904'		
Top Log Interval	CASING		
Open Hole Size	14.75"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	1845		
Time Logger on Bottom	1900		
Equipment Number	102		
Location	FT MYERS		
Recorded By	MOREY		
Witnessed By	K. CHENEY		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75"	CASING	900'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String				
Liner				

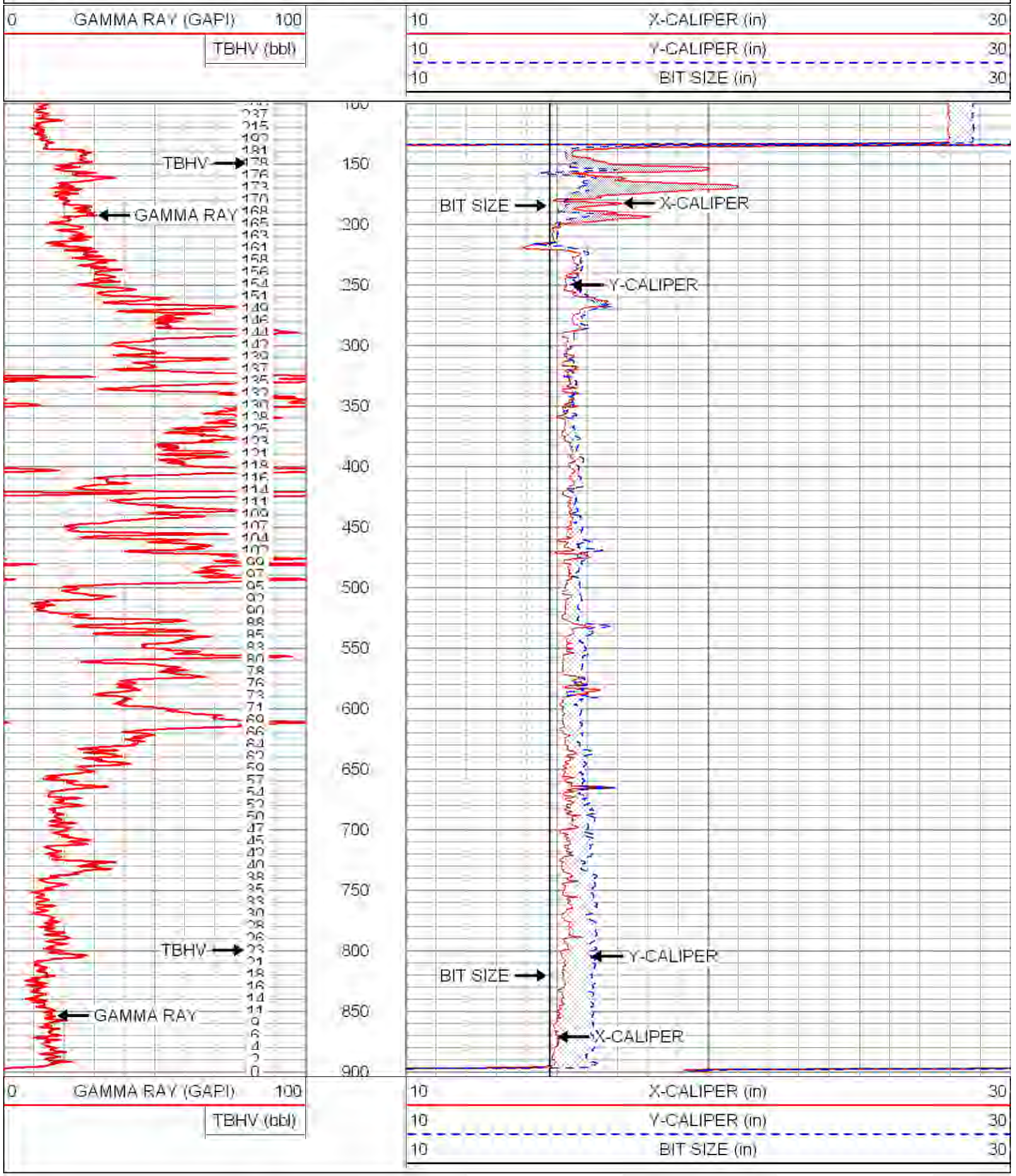
<<< Fold Here >>>

Comments

DUAL INDUCTION
BOREHOLE SONIC

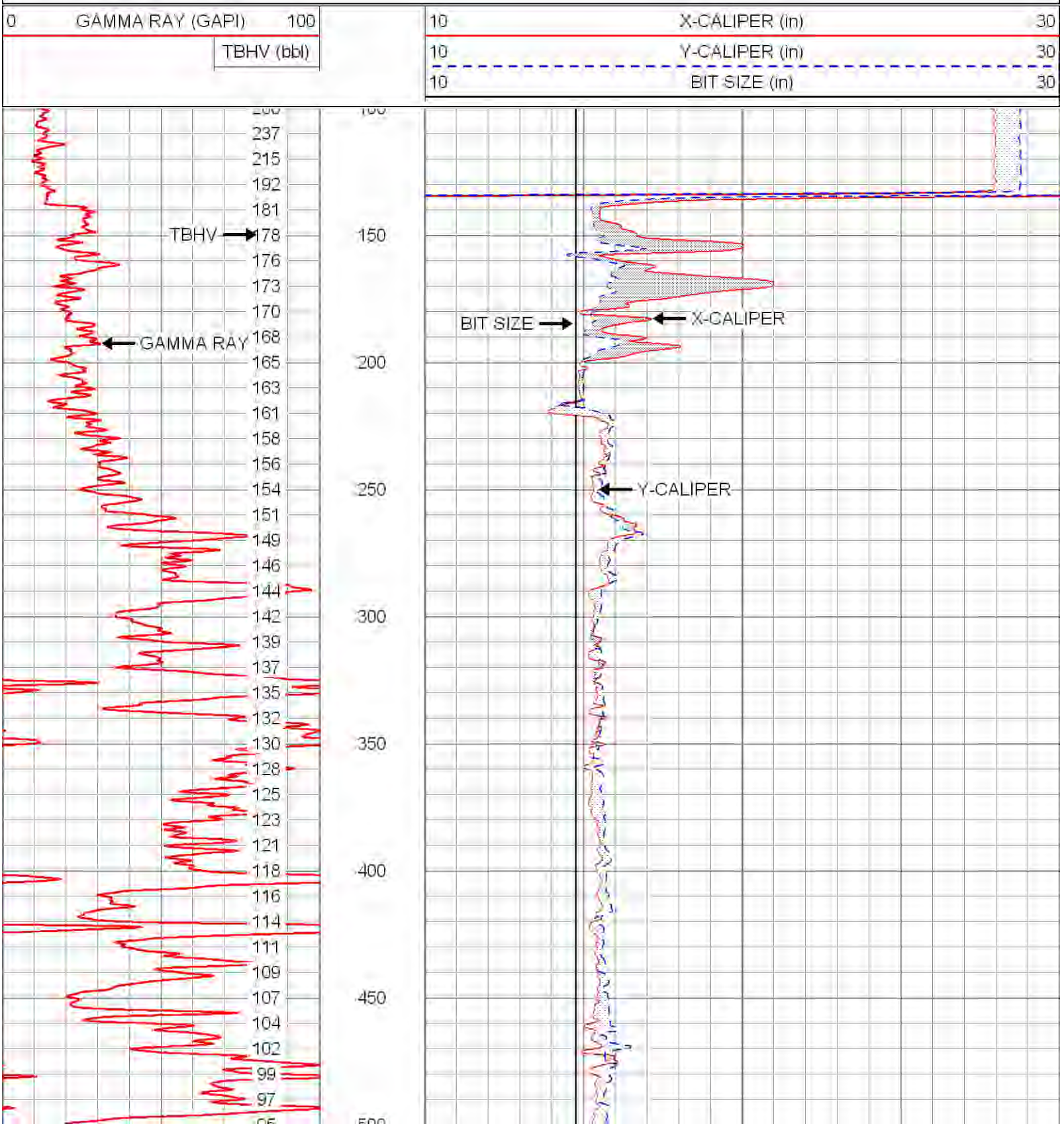
MAIN PASS

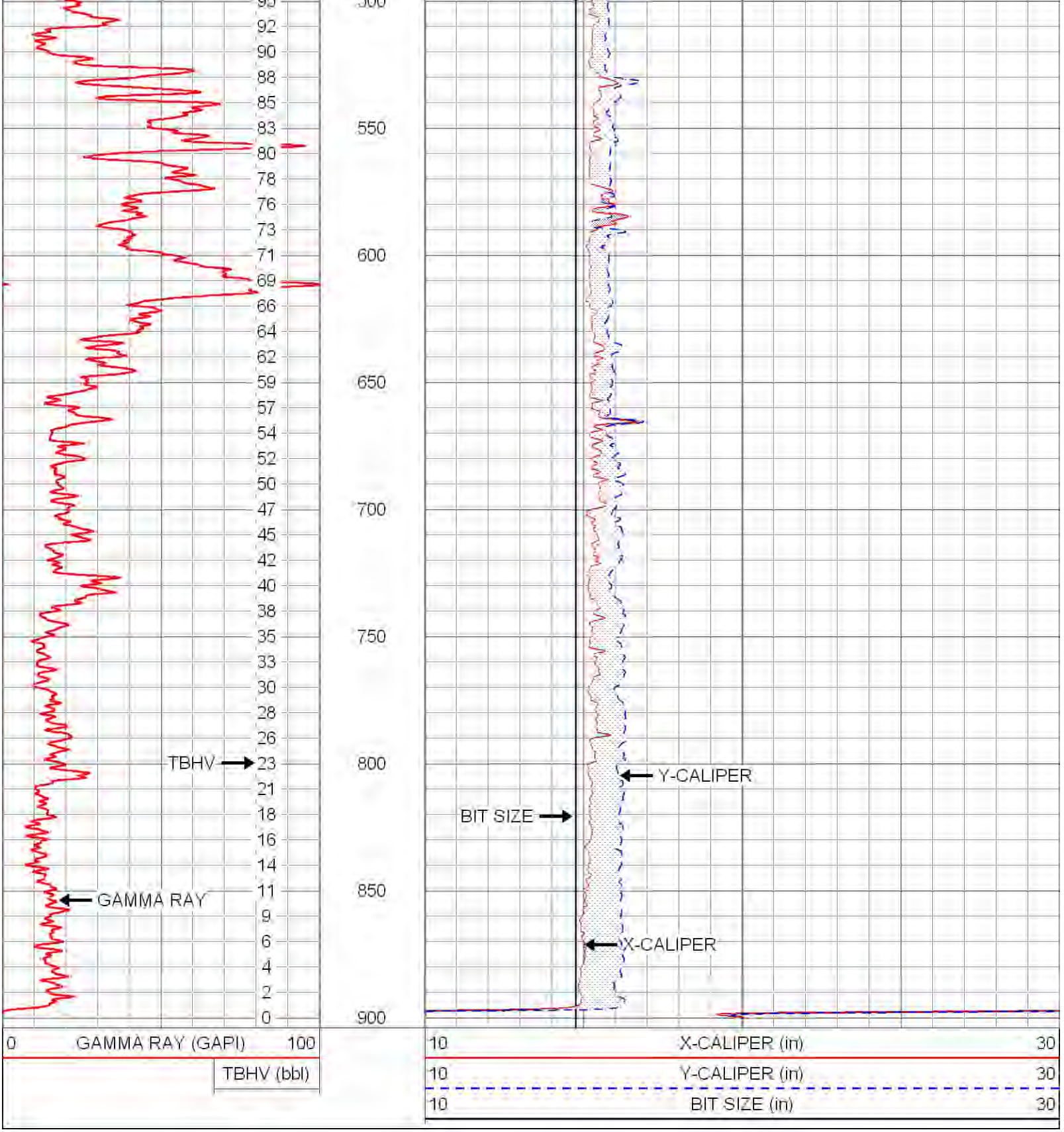
Database File:	labelleiw1.db
Dataset Pathname:	run2/pass2
Presentation Format:	gr_yc
Dataset Creation:	Mon Mar 11 19:14:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:1200



MAIN PASS

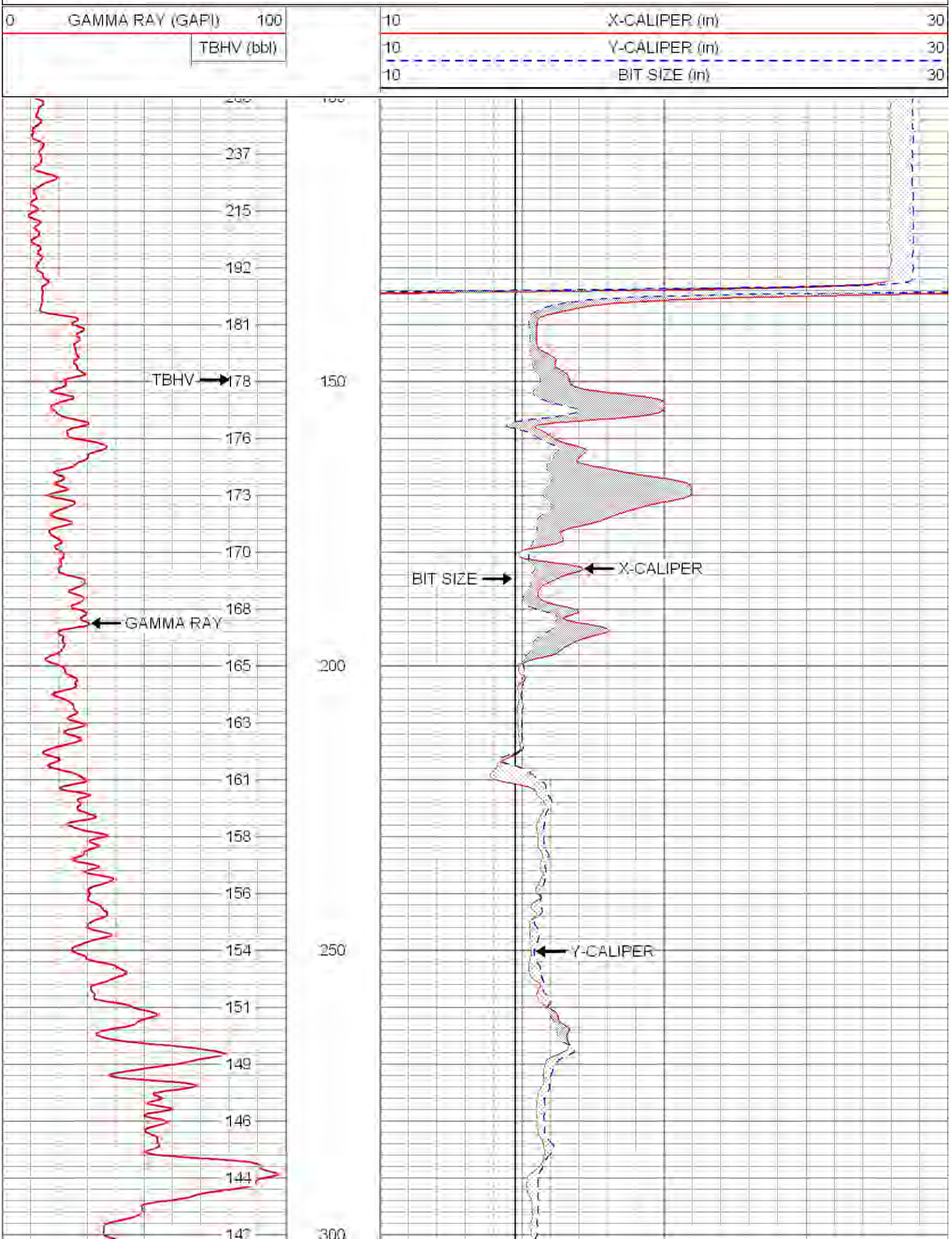
Database File:	labelleiw1.db
Dataset Pathname:	run2/pass2
Presentation Format:	grxyc
Dataset Creation:	Mon Mar 11 19:14:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

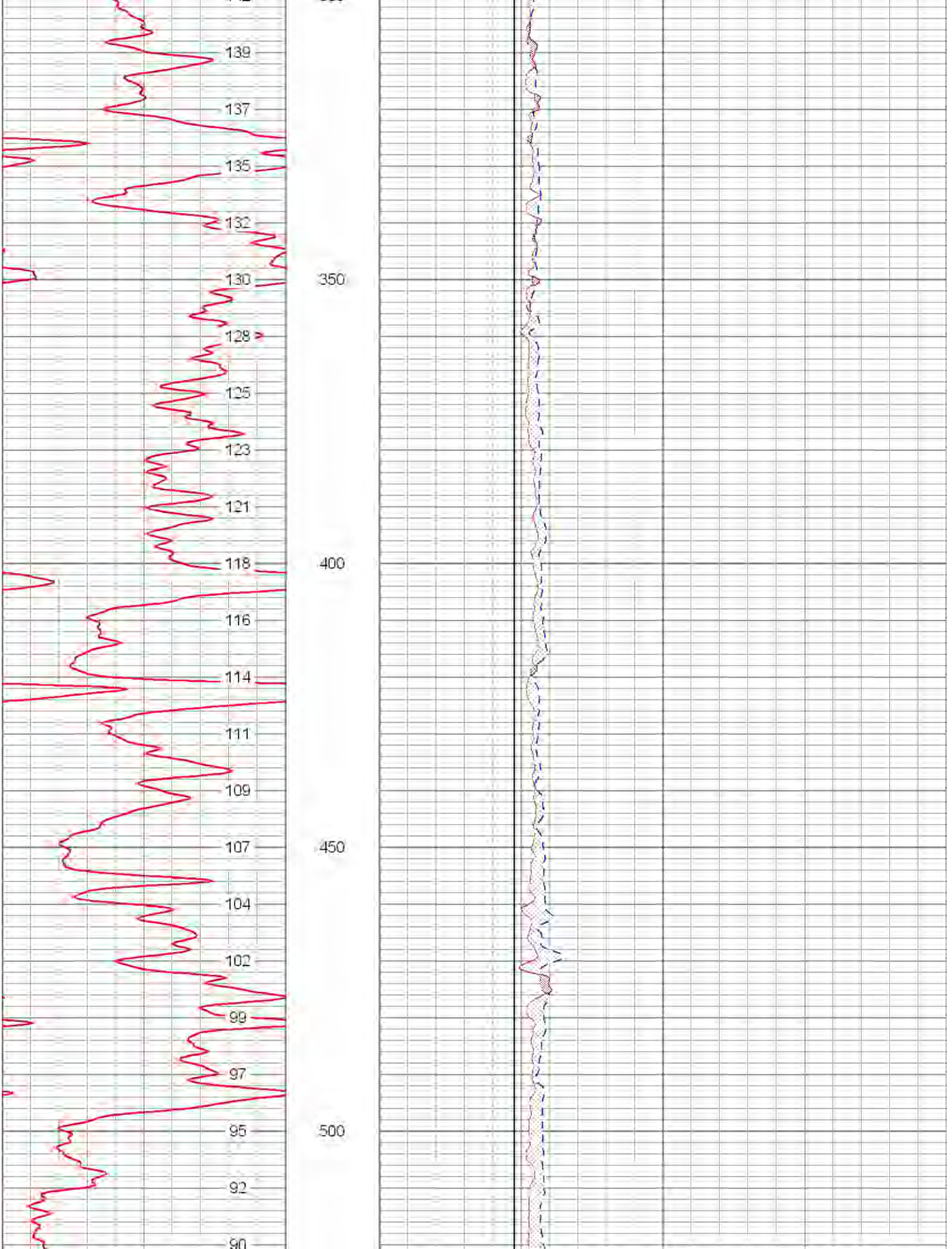


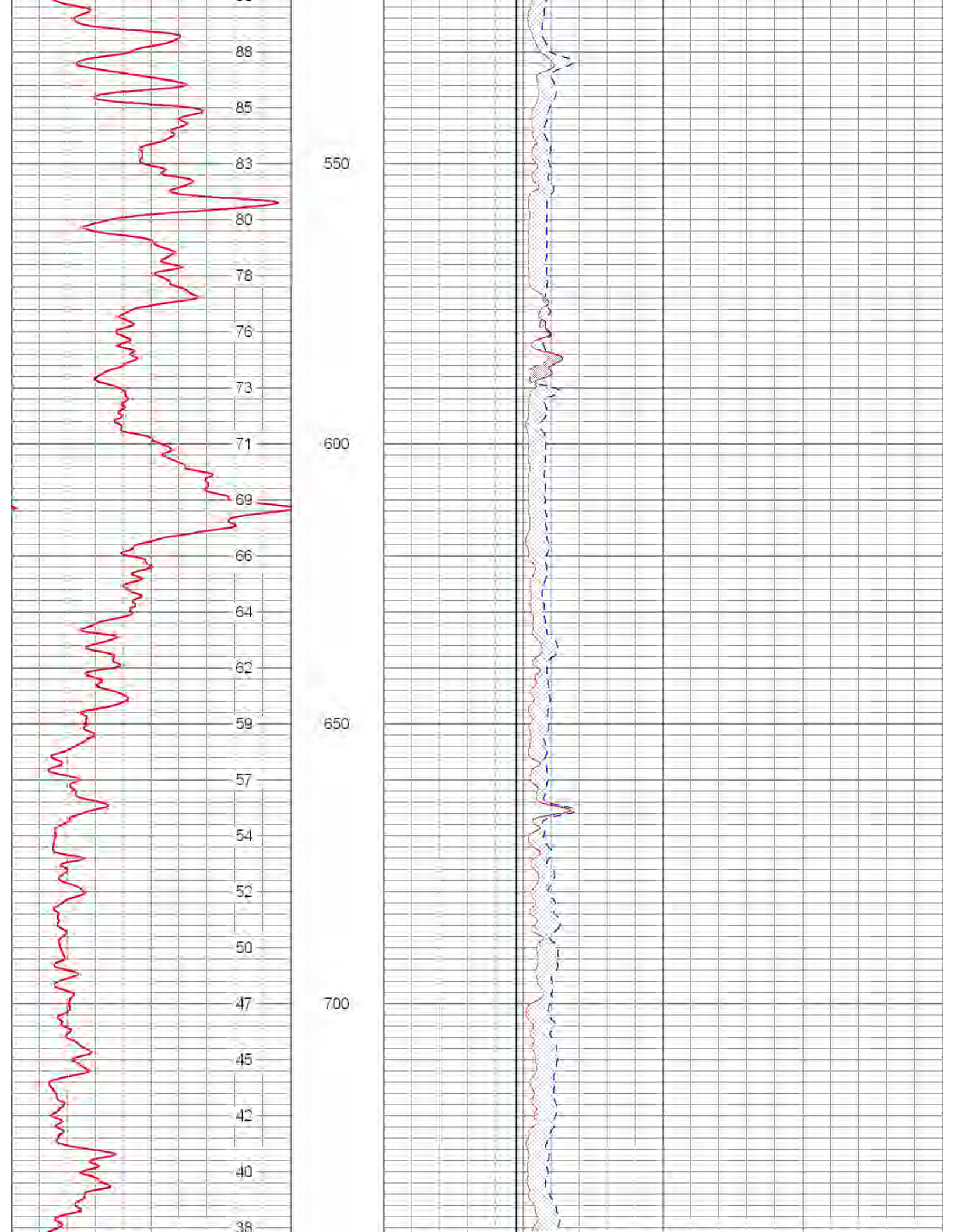


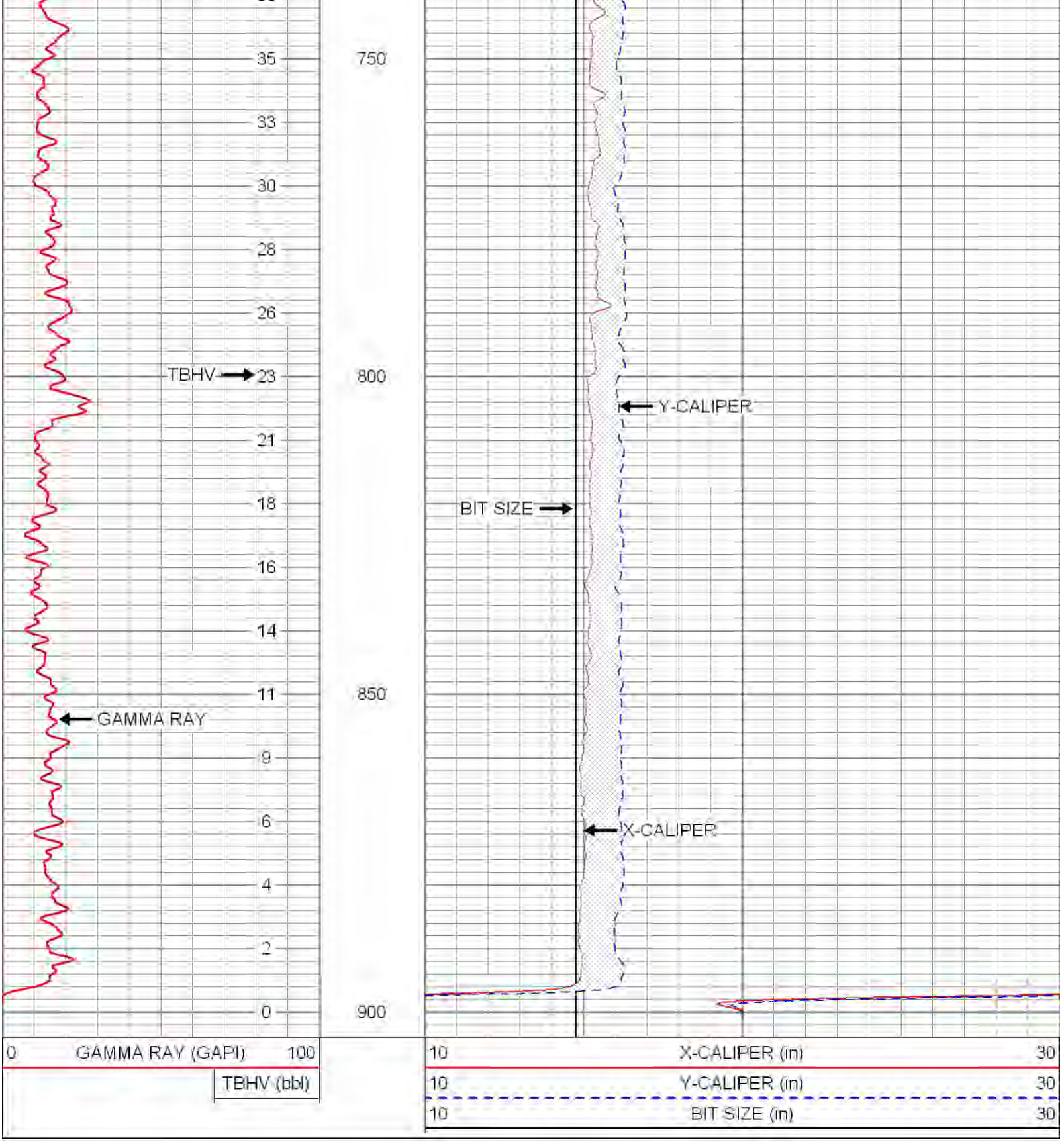
MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run2/pass2
Presentation Format:	grxyc
Dataset Creation:	Mon Mar 11 19:14:37 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240


0
GAMMA RAY (GAPI)
100
TBHV (bbl)
10
X-CALIPER (in)
30
10
Y-CALIPER (in)
30
10
BIT SIZE (in)
30
237
215
192
181
TBHV
178
176
173
170
168
GAMMA RAY
165
163
161
158
156
154
151
149
146
144
142
150
200
250
300
BIT SIZE
X-CALIPER
Y-CALIPER


139
137
135
132
130
350
128
125
123
121
118
400
116
114
111
109
107
450
104
102
99
97
95
500
92
90

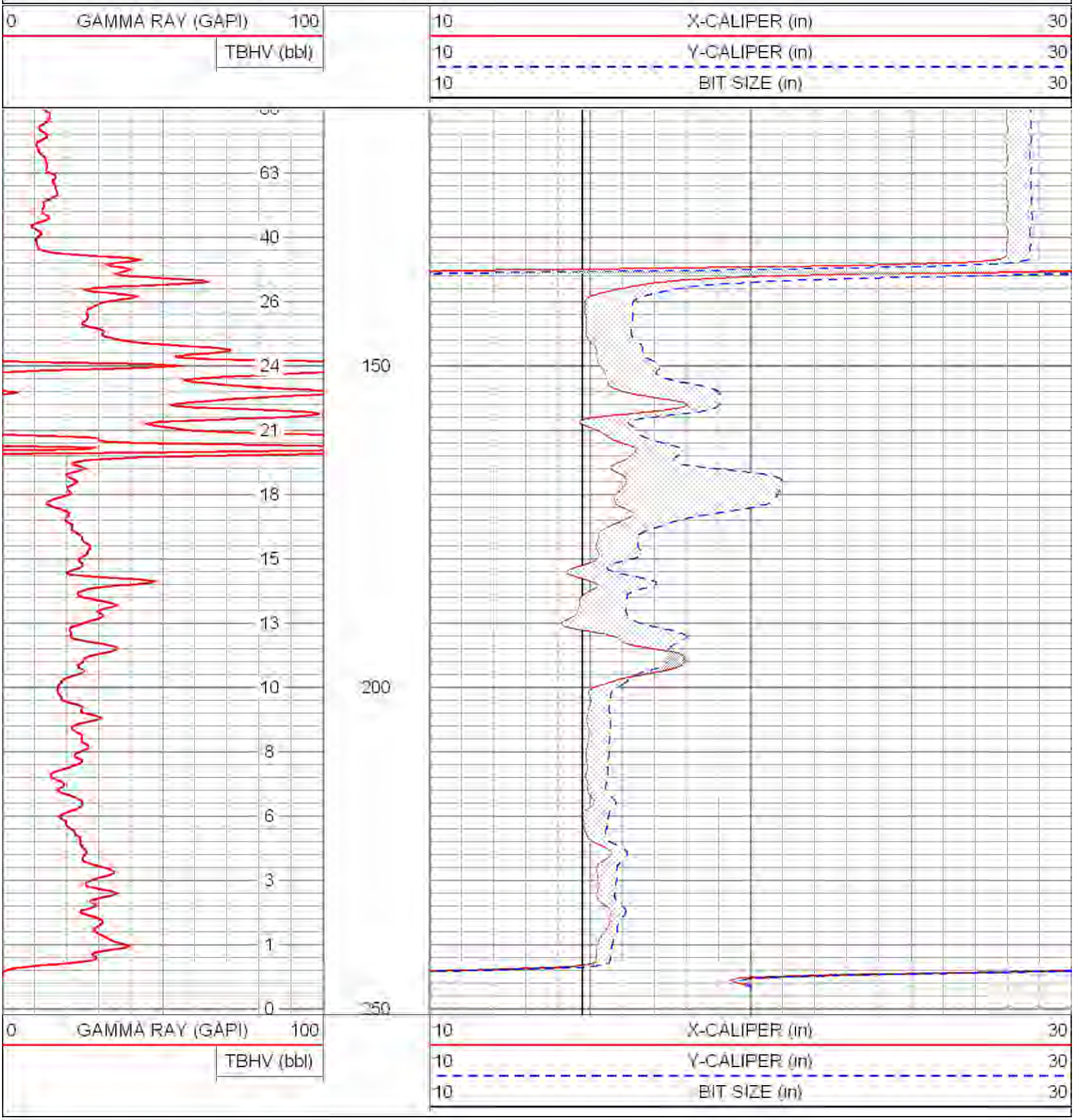

88
85
83
550
80
78
76
73
71
600
69
66
64
62
59
650
57
54
52
50
47
700
45
42
40
38



TOP REPEAT PASS

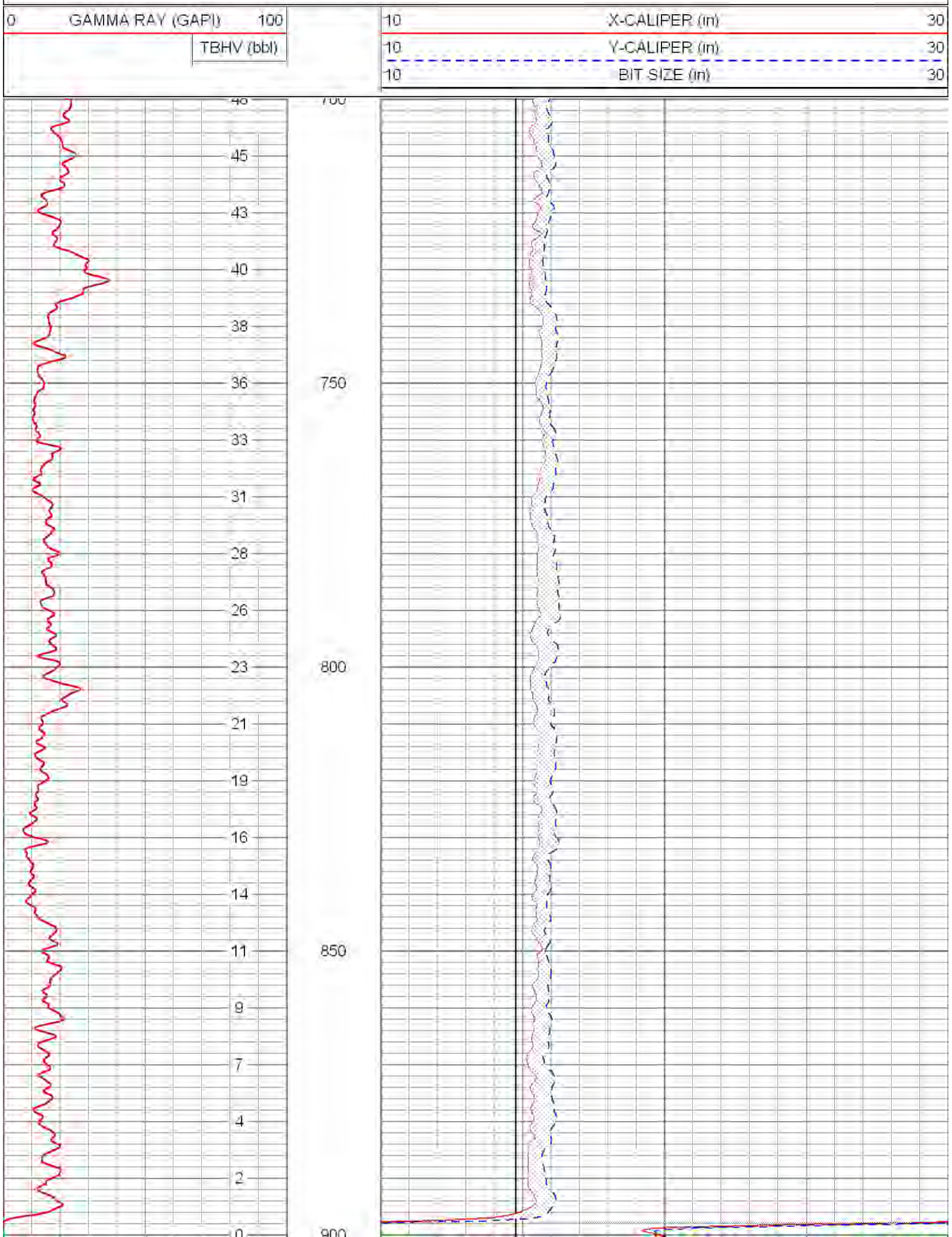
Database File:	labelleiw1.db
Dataset Pathname:	run2/pass4
Presentation Format:	grxyc
Dataset Creation:	Mon Mar 11 20:07:20 2013 by Log SOC 110722

Charted by: Depth in Feet scaled 1:240



BOTTOM REPEAT PASS

Database File: labellew1.db
Dataset Pathname: run2/pass1
Presentation Format: grxyc
Dataset Creation: Mon Mar 11 18:59:14 2013 by Log SOC 110722
Charted by: Depth in Feet scaled 1:240


0
GAMMA RAY (GAPI)
100
TBHV (bbl)
10
X-CALIPER (in)
30
10
Y-CALIPER (in)
30
10
BIT SIZE (in)
30
45
43
40
38
36
33
31
28
26
23
21
19
16
14
11
9
7
4
2
0
750
800
850
900

0	GAMMA RAY (GAPI)	100	10	X-CALIPER (in)	30
	TBHV (bbl)		10	Y-CALIPER (in)	30
			10	BIT SIZE (in)	30

Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run2/pass2
Dataset Creation: Mon Mar 11 19:14:37 2013 by Log SOC 110722

XY Caliper Calibration Report

Serial Number/Model: 14SM-XYCSM
Performed: Mon Mar 11 17:10:22 2013

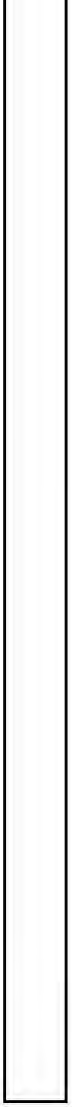
Ring			X Caliper		Y Caliper	
1:	10	in	573.804	cps	595.978	cps
2:	20	in	739.891	cps	789.457	cps
3:	30	in	941.196	cps	1003.7	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number: 14
Tool Model: GROH
Performed: Wed May 21 13:24:48 2008

Calibrator Value:	120.0	GAPI
Background Reading:	45.4	cps
Calibrator Reading:	204.5	cps
Sensitivity:	0.8754	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.60		GR-GROH (14)	2.75	3.50	40.00

XCAL YCAL	3.50 3.50			XYC-XYCSM (14SM)	6.60	3.50	87.00

Dataset:	labelleiw1.db: field/well/run2/pass2
Total Length:	9.35 ft
Total Weight:	127.00 lb
O.D.	3.50 in

XY CALIPER
GAMMA RAY
LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY
State FLORIDA

Date	21-MAR-2013
Run Number	THREE
Depth Driller	765'
Depth Logger	766'
Bottom Logged Interval	766'
Top Log Interval	CASING
Open Hole Size	52.5
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	0530
Time Logger on Bottom	0600
Equipment Number	102
Location	FT MYERS
Recorded By	MOREY
Witnessed By	A. McTHENIA

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75"	CASING	900'				
THREE	52.50"	CASING	765'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String				
Liner				

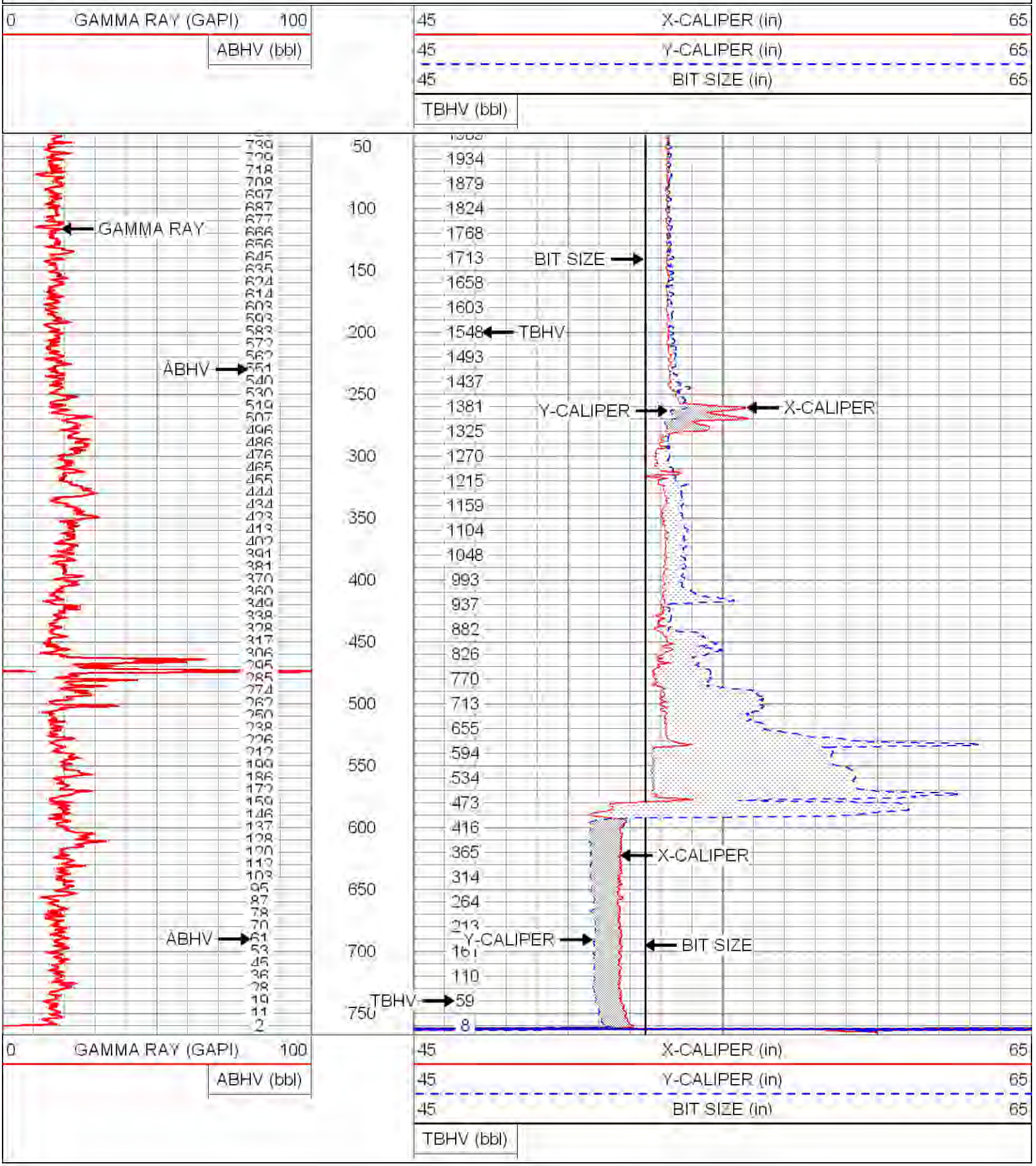
<<< Fold Here >>>

Comments

ANNULAR BOREHOLE VOLUME
CALCULATED IN BARRELS FOR 42" CASING

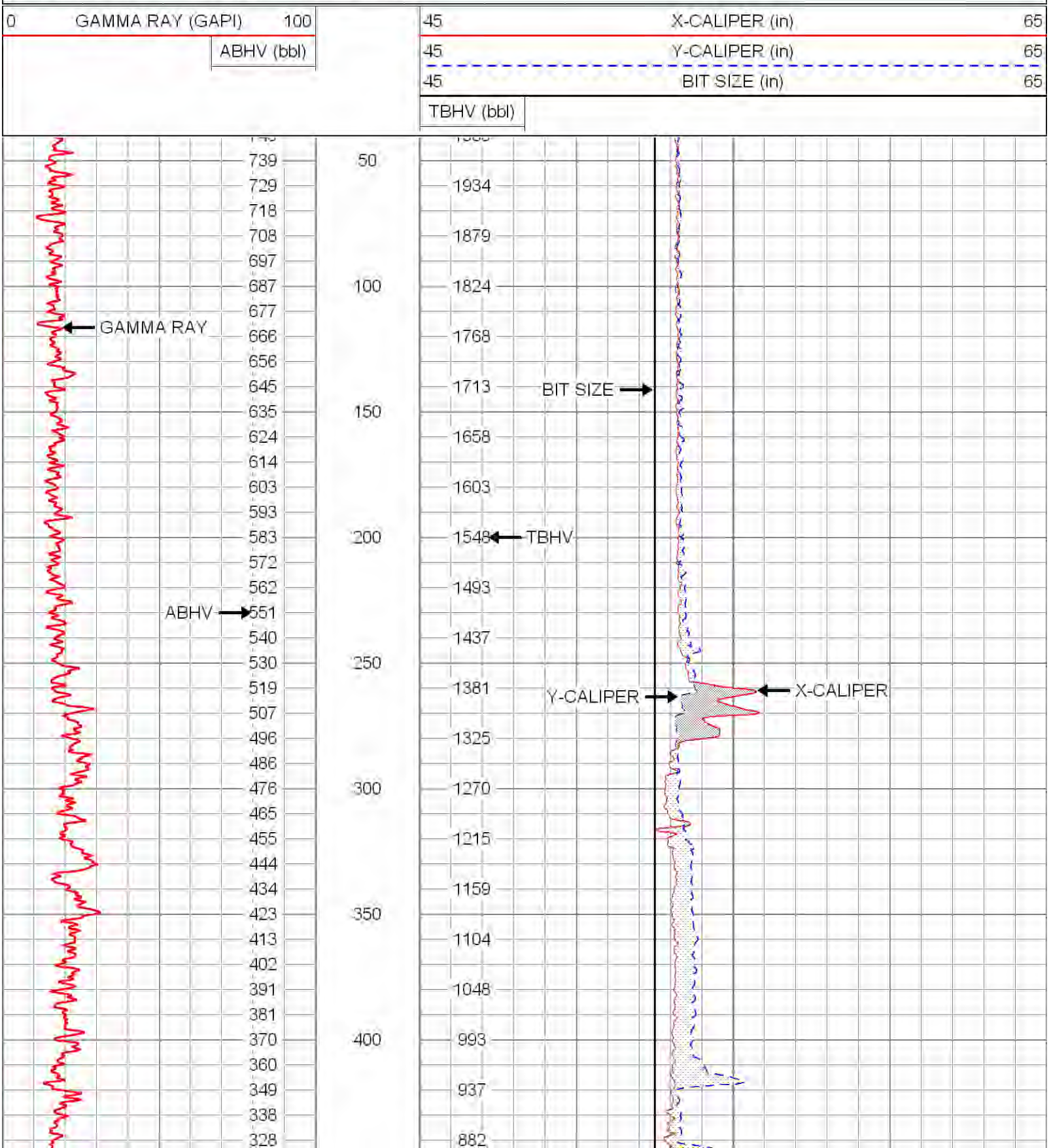
MAIN PASS

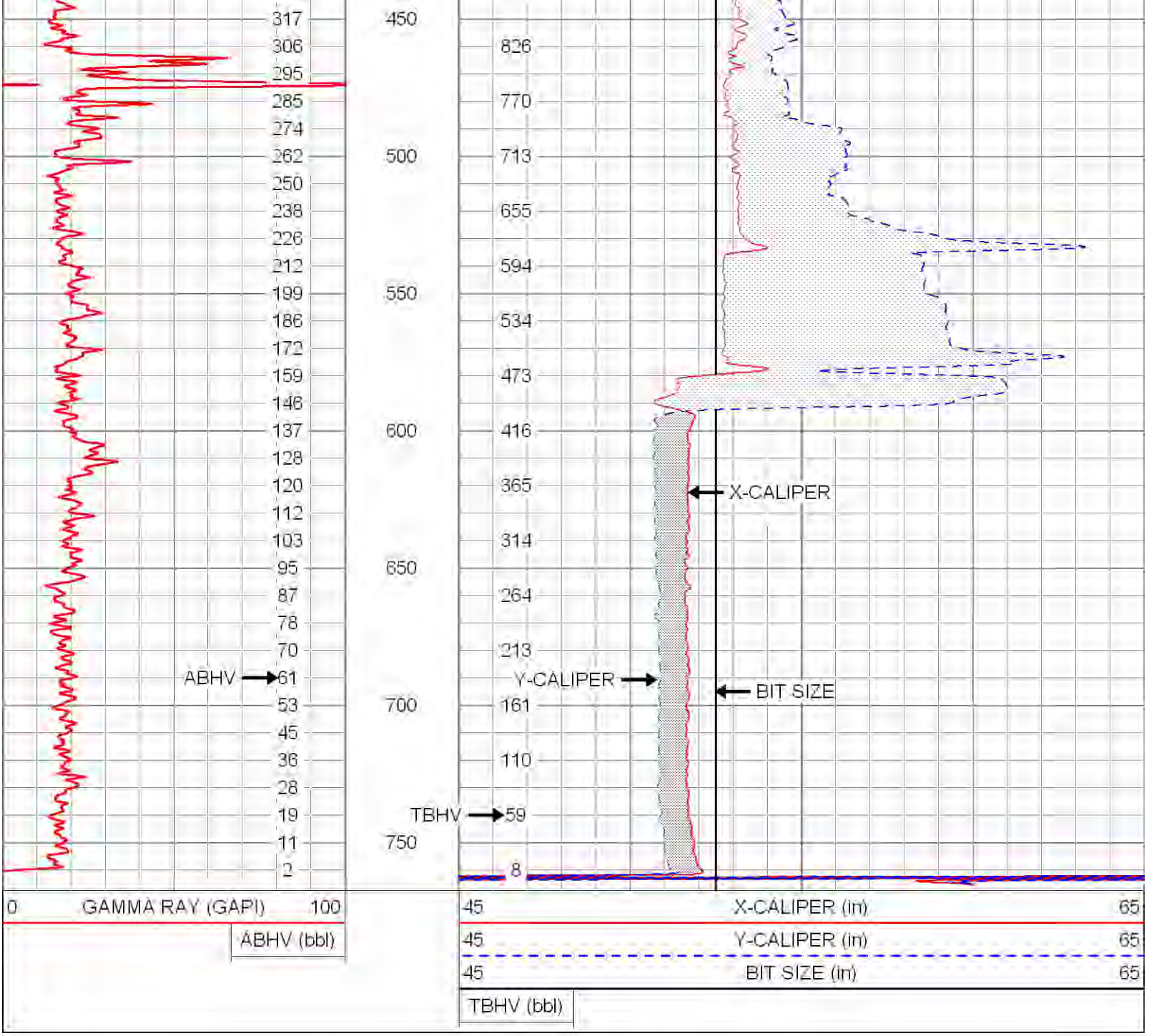
Database File:	labelleiw1.db
Dataset Pathname:	run3/pass2 1
Presentation Format:	gr×y-ahv
Dataset Creation:	Thu Mar 21 07:27:55 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:1200



MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run3/pass2.1
Presentation Format:	grxy-ahv
Dataset Creation:	Thu Mar 21 07:27:55 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:600

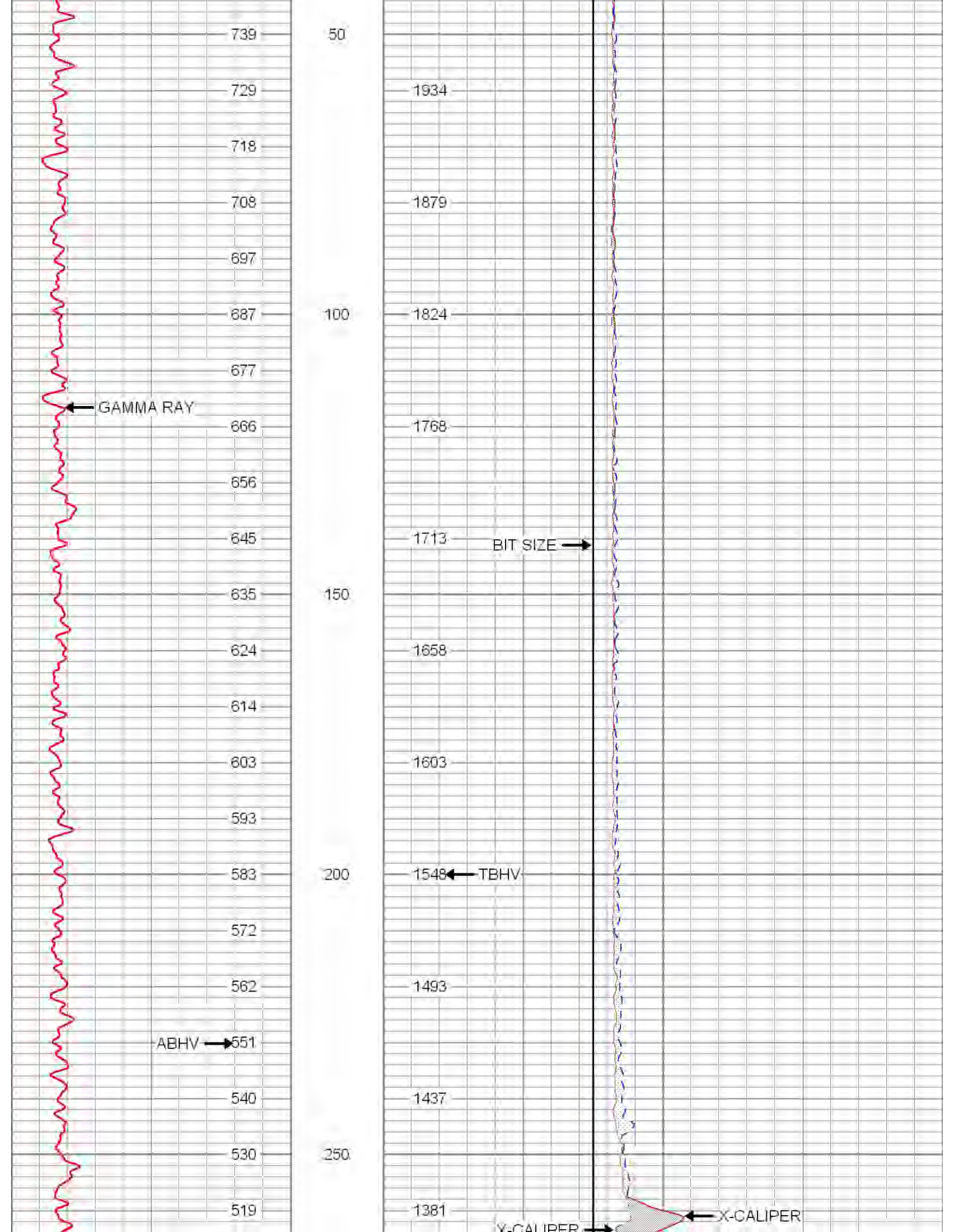




MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run3/pass2.1
Presentation Format:	grxy-ahv
Dataset Creation:	Thu Mar 21 07:27:55 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100
ABHV (bbl)
45 X-CALIPER (in) 65
45 Y-CALIPER (in) 65
45 BIT SIZE (in) 65
TBHV (bbl)


739
729
718
708
697
687
677
666
656
645
635
624
614
603
593
583
572
562
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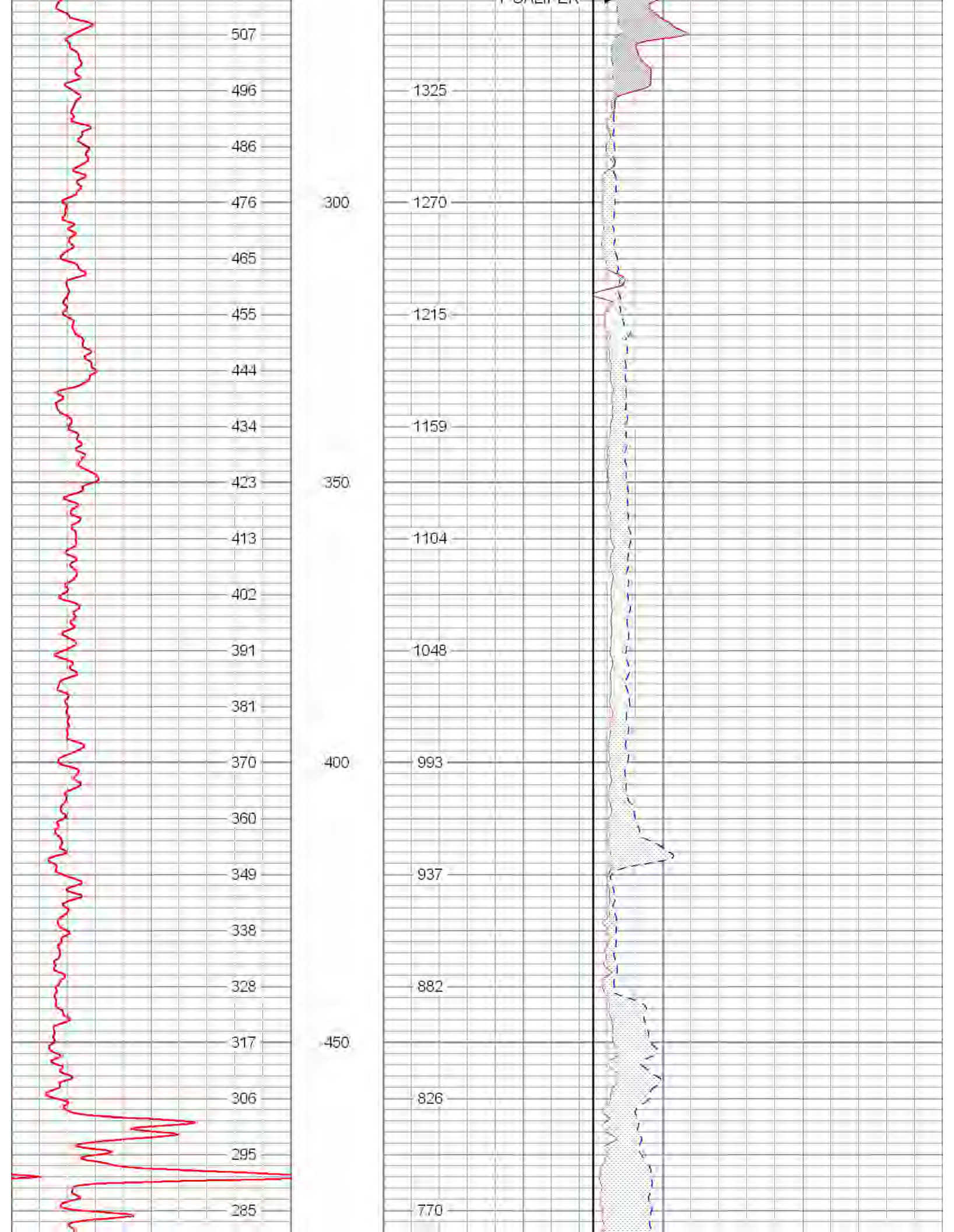
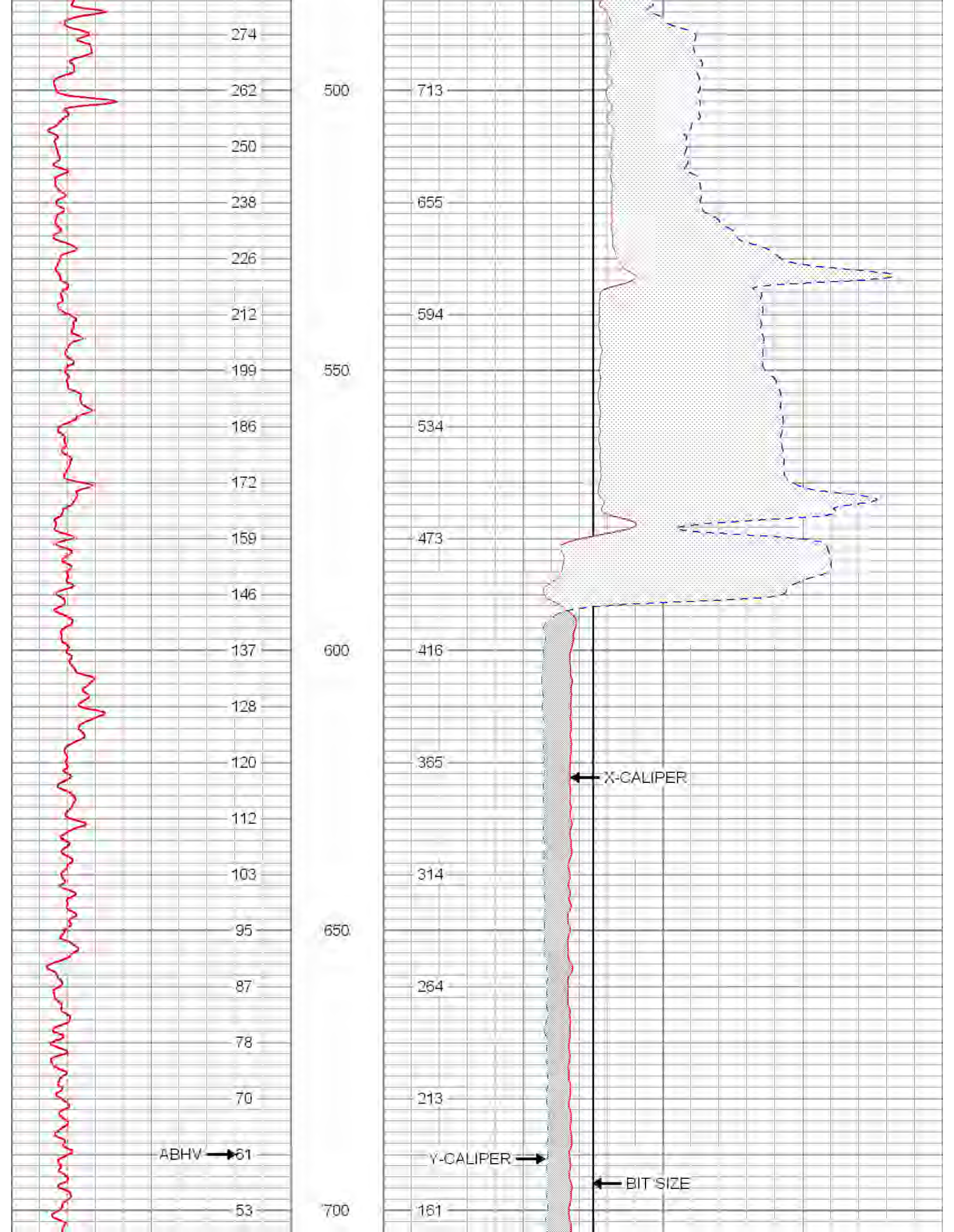
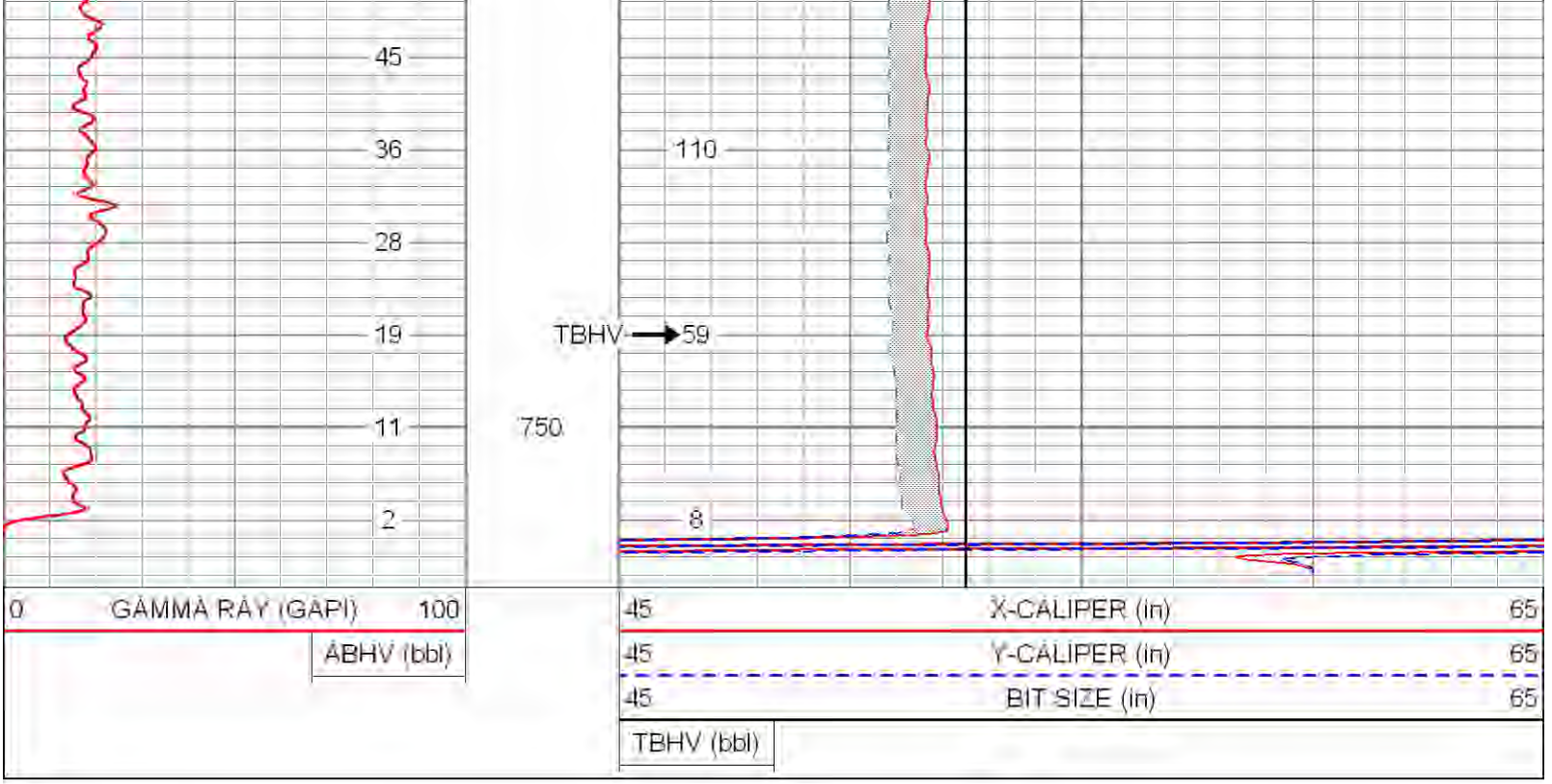
530
519
50
100
150
200
250
1934
1879
1824
1768
1713
1658
1603
1548
1493
1437
1381
GAMMA RAY
ABHV
BIT SIZE
TBHV
X-CALIPER
X-CALIPER


CALIPER
507
496
486
476
465
455
444
434
423
413
402
391
381
370
360
349
338
328
317
306
295
285
300
350
400
450
1325
1270
1215
1159
1104
1048
993
937
882
826
770

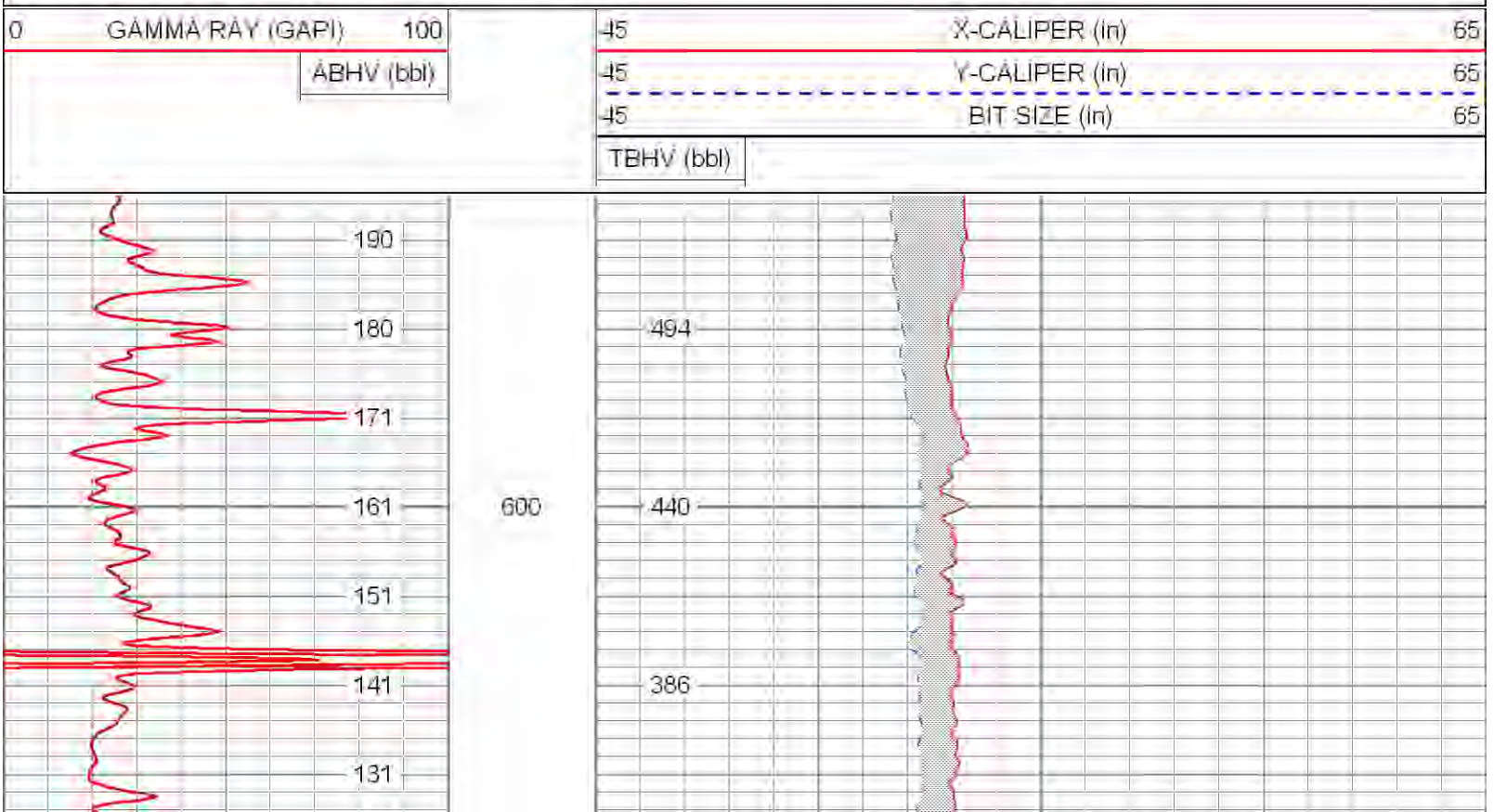

274
262
500
713
250
238
655
226
212
594
199
550
186
534
172
159
473
146
137
600
416
128
120
385
X-CALIPER
112
103
314
95
650
87
264
78
70
213
ABHV
61
Y-CALIPER
BIT SIZE
53
700
161

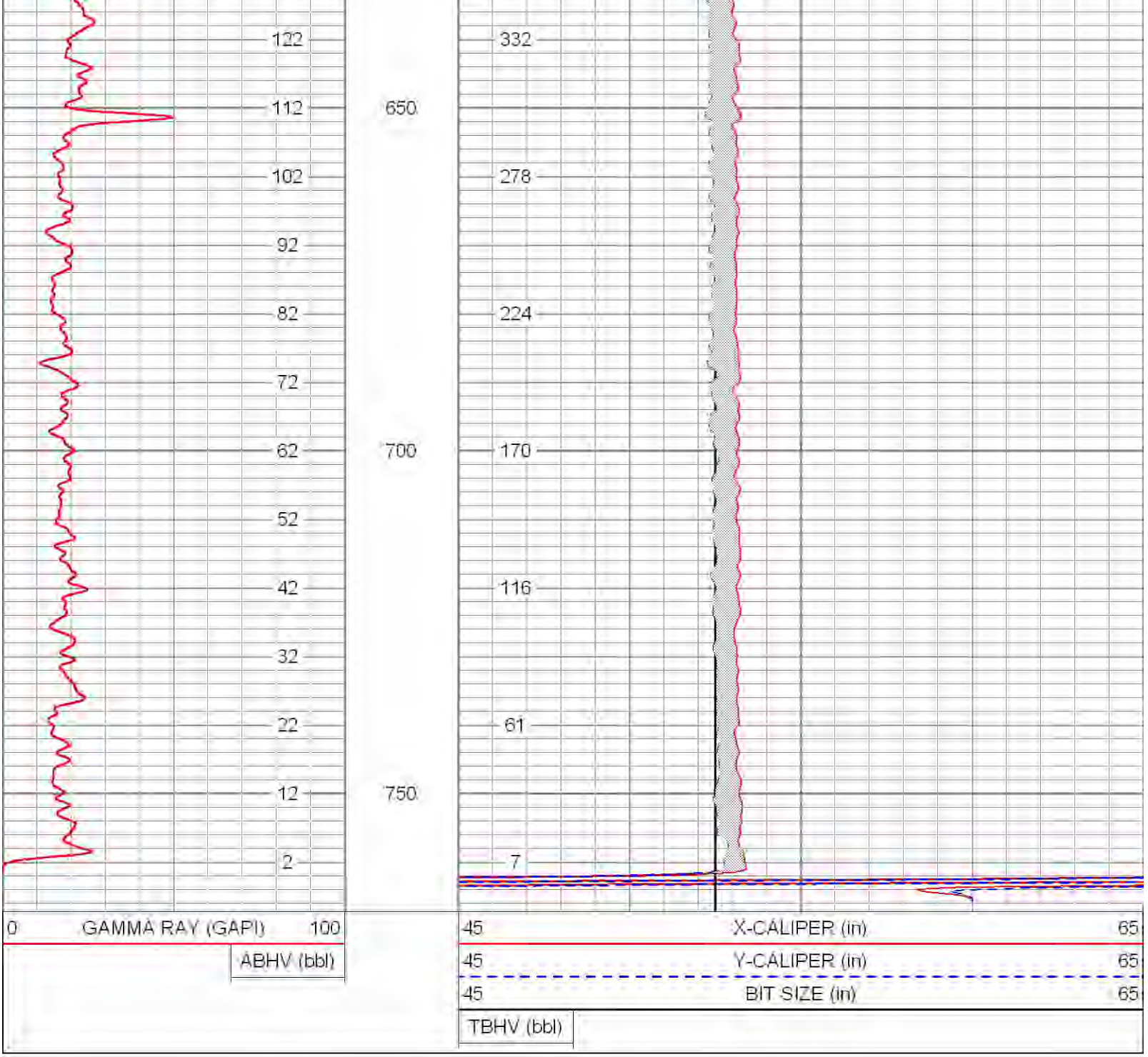


YOUNGQUIST

REPEAT PASS

Database File:	labelleiw1.db
Dataset Pathname:	run3/pass1.2
Presentation Format:	grxy-ahv
Dataset Creation:	Thu Mar 21 07:43:12 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240





Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run3/pass2.1
Dataset Creation: Thu Mar 21 07:27:55 2013 by Calc SOC 110722

XY Caliper Calibration Report

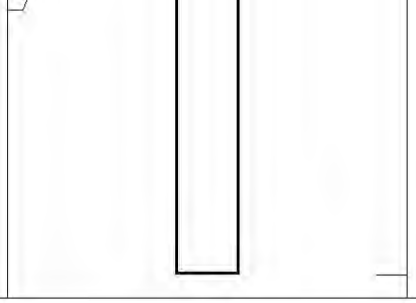
Serial Number/Model: 46XL-XYCLM
Performed: Thu Mar 21 05:42:16 2013

	Ring		X Caliper		Y Caliper	
1:	30	in	784.972	cps	747.891	cps
2:	40	in	859.891	cps	834.239	cps
3:	50	in	974.674	cps	934.13	cps
4:	53.25	in	1016.67	cps	974.444	cps
5:	64.5	in	1114.16	cps	1062.38	cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	14	
Tool Model:	GROH	
Performed:	Wed May 21 13:24:48 2008	
Calibrator Value:	120.0	GAPI
Background Reading:	45.4	cps
Calibrator Reading:	204.5	cps
Sensitivity:	0.8754	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			GR-GROH (14)	2.75	3.50	40.00
GR	7.60					
			XYC-XYCLM (46XL)	6.60	3.50	87.00
XCAL	1.50					

YCAL	1.50					

Dataset:	labelleiw1.db: field/well/run3/pass2.1
Total Length:	9.35 ft
Total Weight:	127.00 lb
O.D.	3.50 in

CEMENT TOP TEMPERATURE LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	22-MAR-2013		
Run Number	THREE		
Depth Driller	765'		
Depth Logger	750'		
Bottom Logged Interval	750'		
Top Log Interval	CASING		
Open Hole Size	52.5		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	93.6		
Estimated Cement Top	NA		
Time Well Ready	1600		
Time Logger on Bottom	1700		
Equipment Number	102		
Location	FT MYERS		
Recorded By	GARCIA		
Witnessed By	A. McTHENIA		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75"	CASING	900'				
THREE	52.50"	CASING	765'				

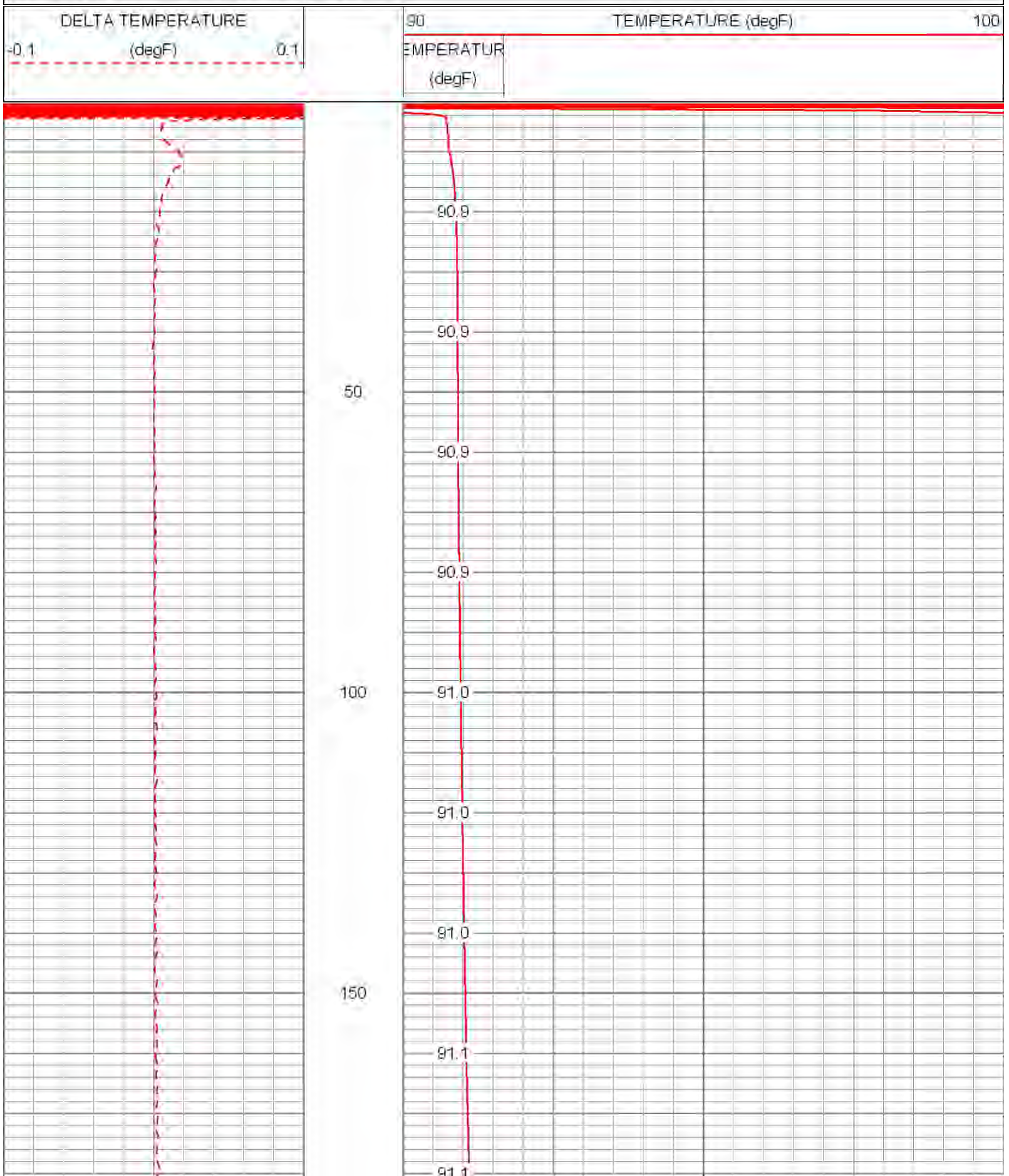
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String				
Liner				

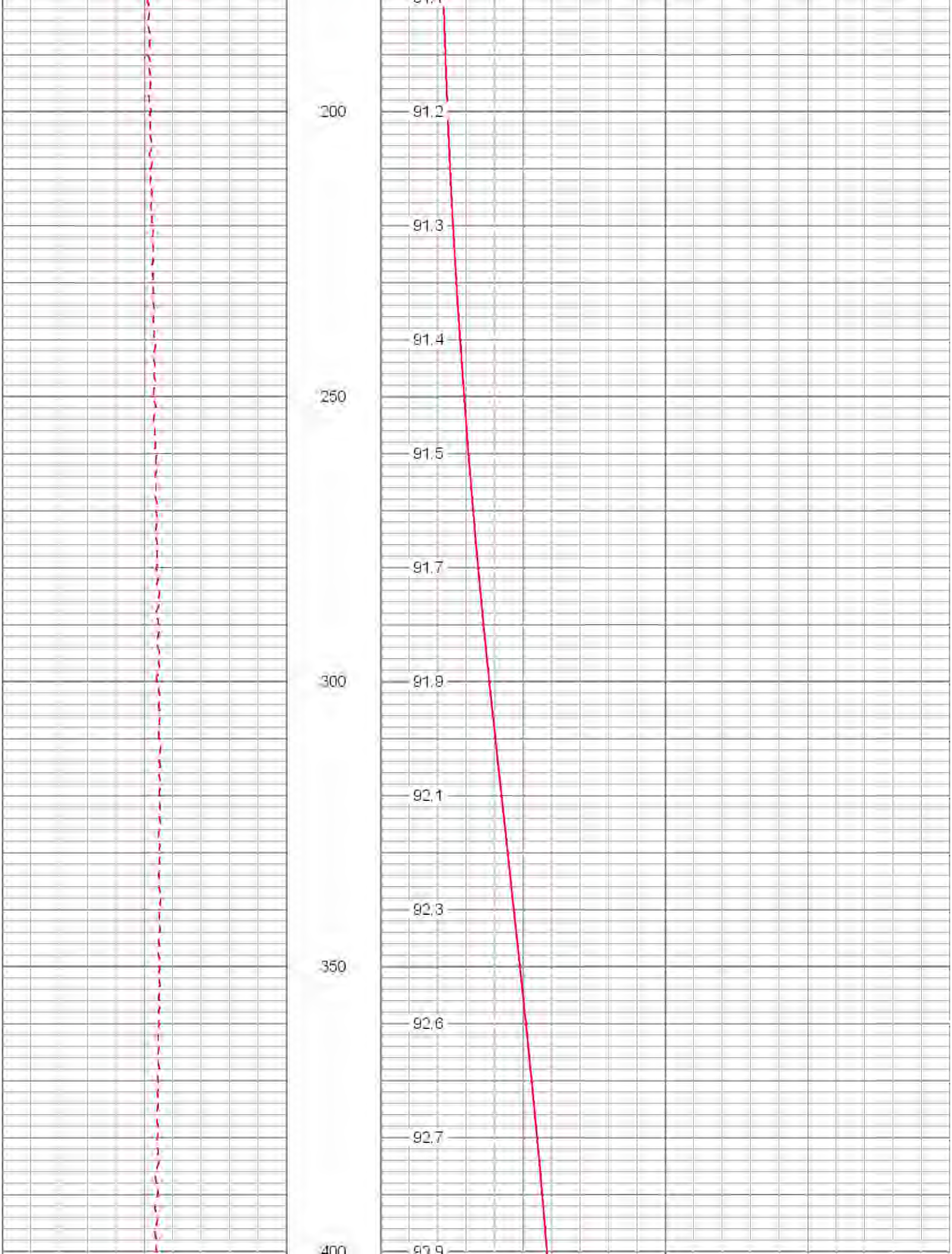
<<< Fold Here >>>

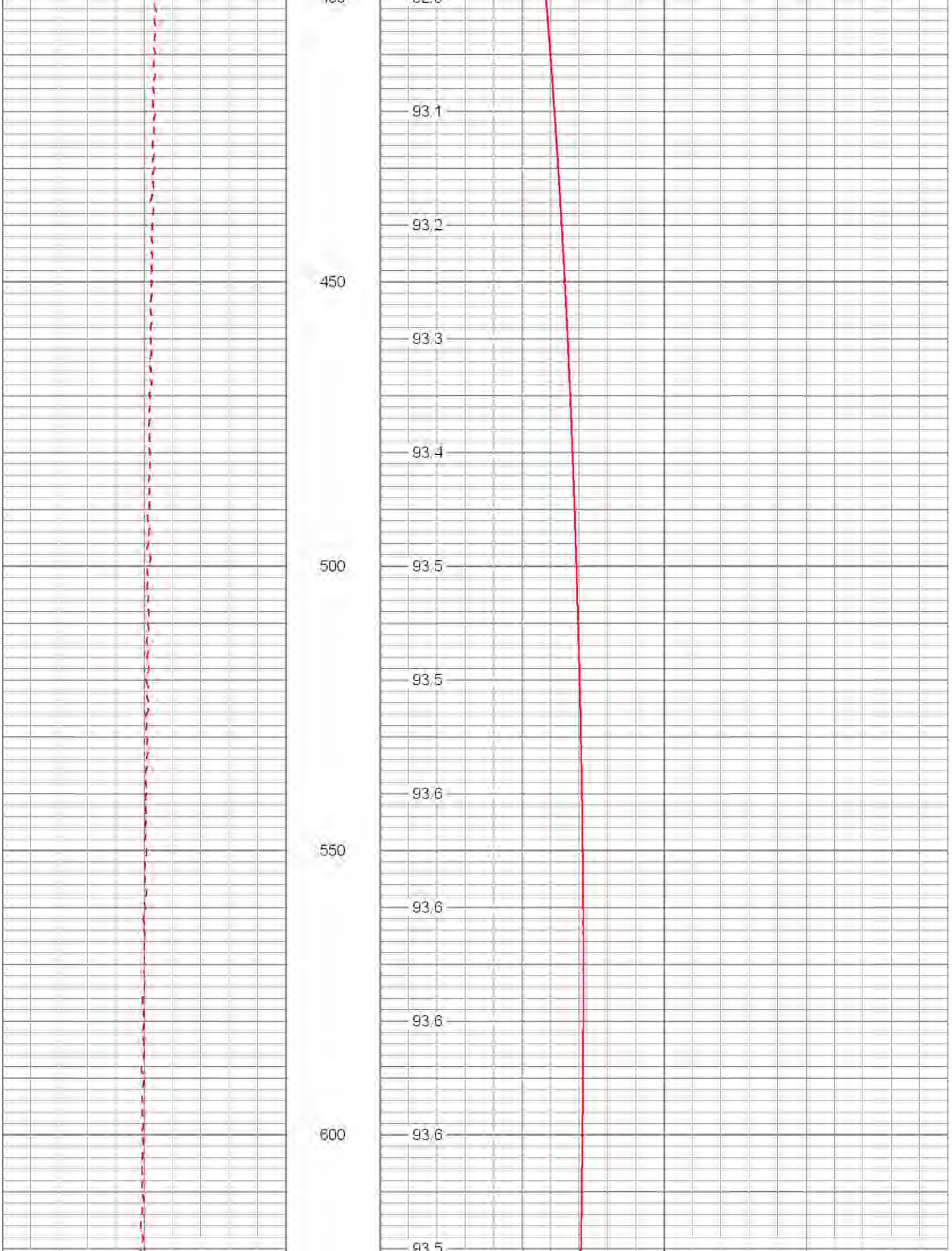
Comments

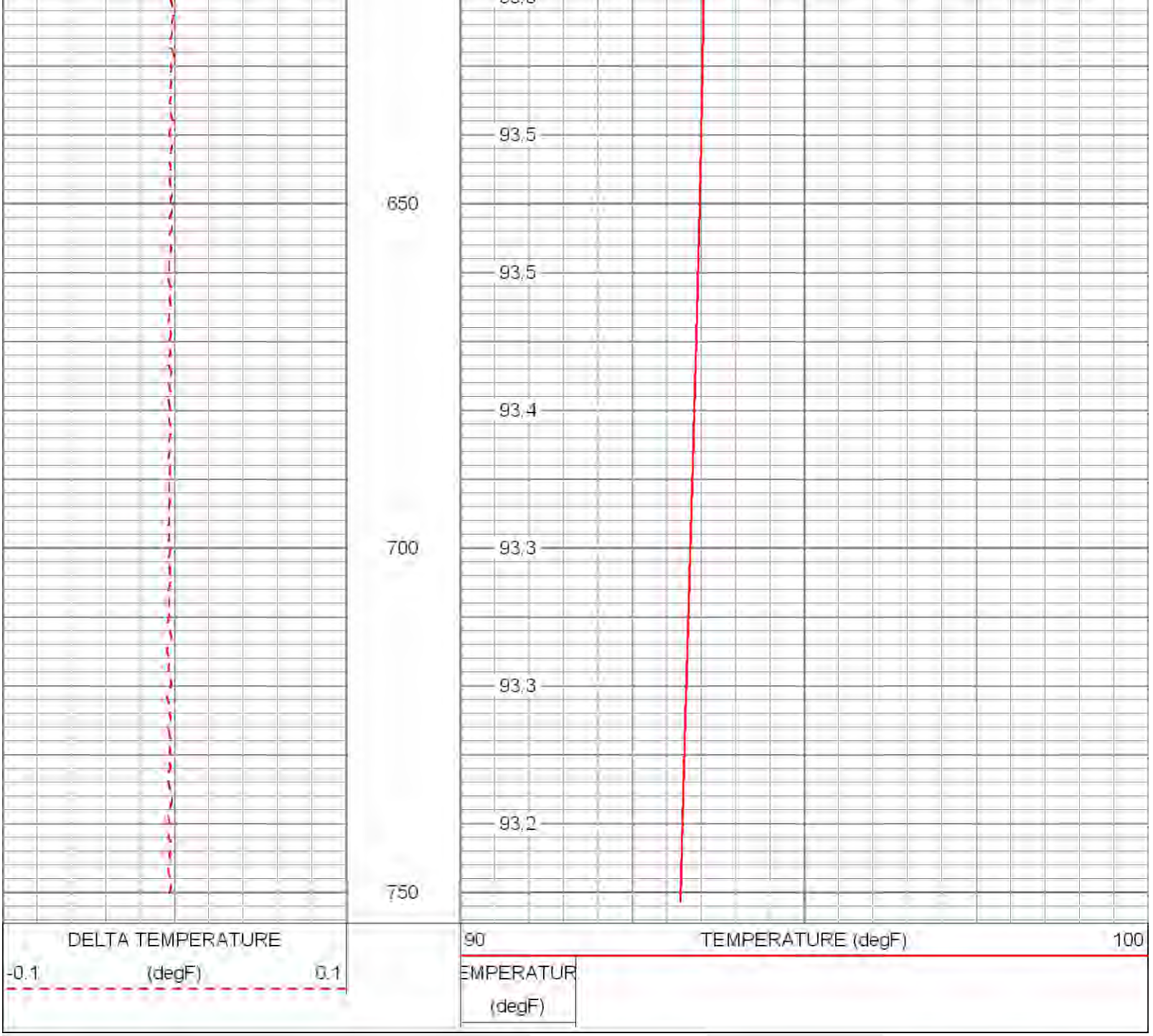
TEMPERATURE

Database File:	labelleiw1.db
Dataset Pathname:	run4/TEMP2
Presentation Format:	temp
Dataset Creation:	Fri Mar 22 17:26:02 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240




200
250
300
350
400
91.2
91.3
91.4
91.5
91.7
91.9
92.1
92.3
92.6
92.7


93,1
93,2
450
93,3
93,4
500
93,5
93,5
93,6
550
93,6
93,6
600
93,6
93,5



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			TEMP-MLS (19)	2.45	1.63	30.00
TEMP	0.25					

Dataset:	labelleiw1.db: field/well/run4/TEMP2
Total Length:	2.45 ft
Total Weight:	30.00 lb
O.D.	1.63 in

Calibration Report

Database File:	labelleiw1.db
Dataset Pathname:	run4/TEMP2
Dataset Creation:	Fri Mar 22 17:26:02 2013 by Log SOC 110722

Temperature Calibration Report

Serial Number:	19
Tool Model:	MLS
Performed:	Wed Jun 27 10:48:18 2012

Point #	Reading		Reference	
1	359.30	cps	33.00	degF
2	746.74	cps	75.00	degF
3	1896.28	cps	186.00	degF
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

BOREHOLE COMPENSATED SONIC W/ VDL LOG LOG DERIVED TDS

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY State FLORIDA

Location: API # ;

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	1-APRIL-2013		
Run Number	FIVE		
Depth Driller	2010'		
Depth Logger	2017'		
Bottom Logged Interval	2017'		
Top Log Interval	CASING		
Open Hole Size	12.25'		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp	97.7 degF		
Estimated Cement Top	NA		
Time Well Ready	0500		
Time Logger on Bottom	0600		
Equipment Number	103		
Location	FT MYERS		
Recorded By	GARCIA	MOREY	
Witnessed By	A. McTHENIA		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75"	CASING	900'				
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner				

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Comments

FLUID RESISTIVITY TEMPERATURE
FLOWMETER
BOREHOLE TELEVIEWER
XY CALIPER/ GAMMA RAY
DUAL INDUCTION
VIDEO SURVEY

MAIN PASS

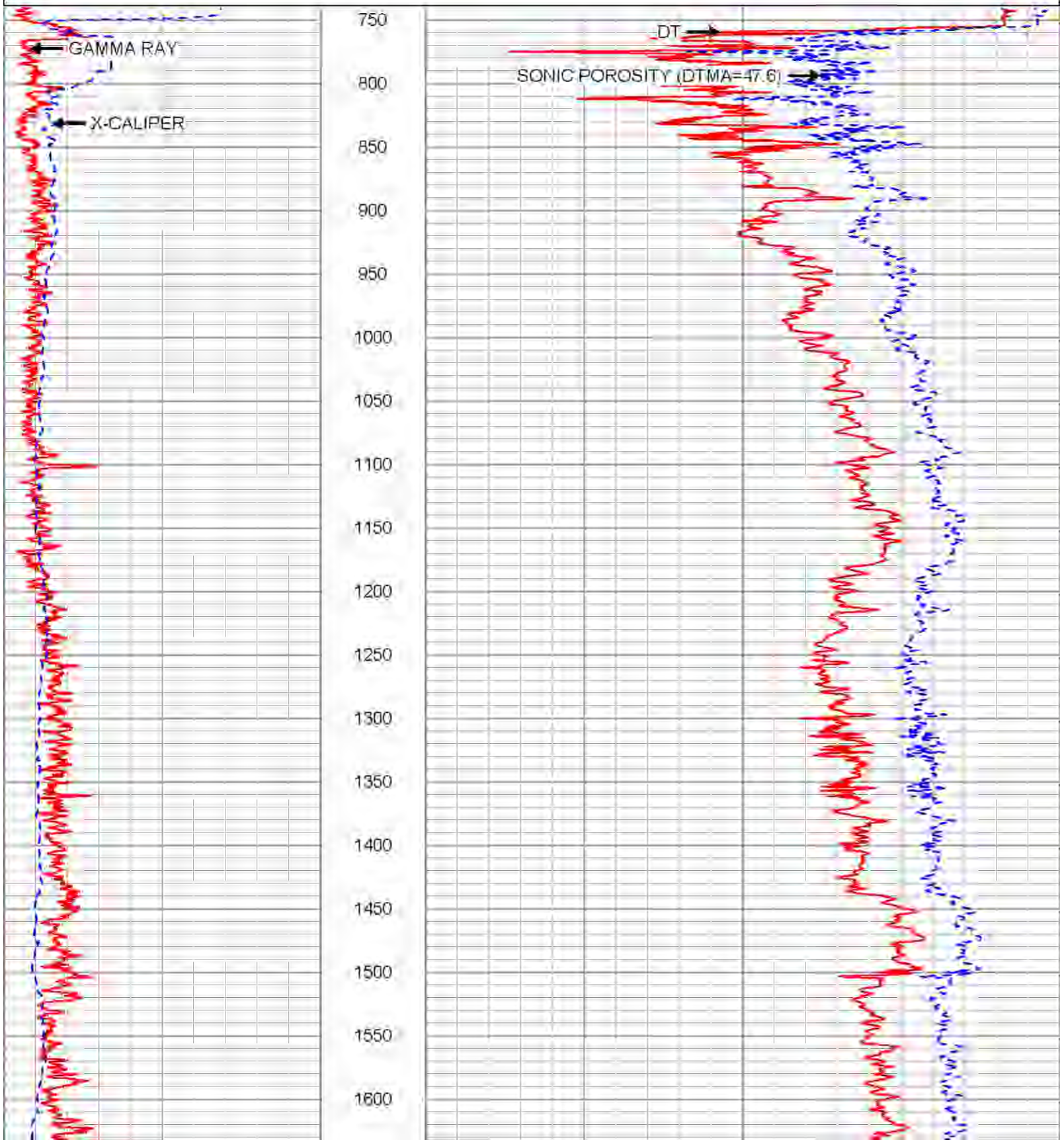
YOUNGQUIST BROTHERS, Inc

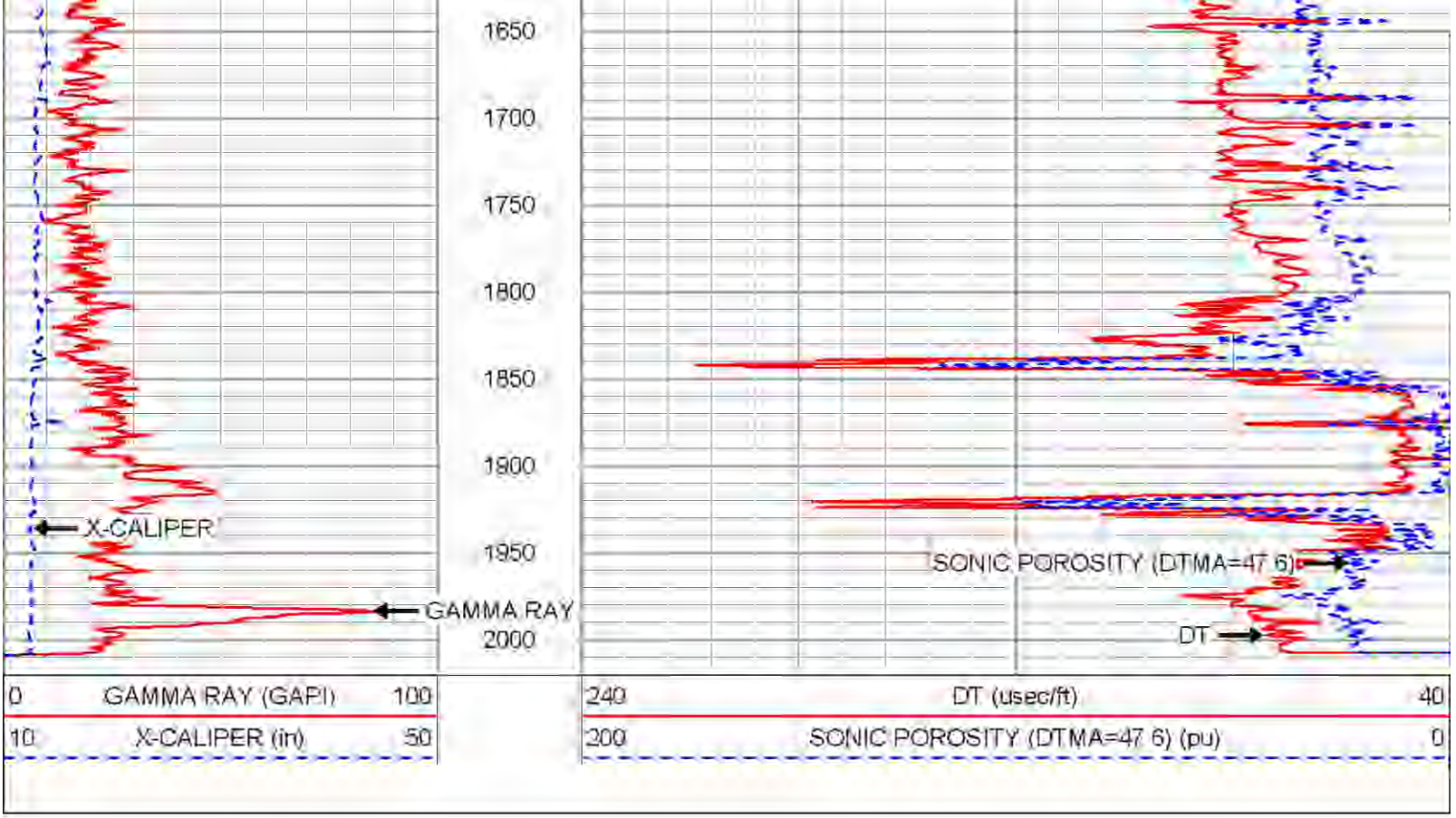
GEOPHYSICAL LOGGING DIVISION

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass9
Presentation Format:	son_por
Dataset Creation:	Mon Apr 01 10:38:11 2013 by Log-SOC 110722
Charted by:	Depth in Feet scaled 1:1200

0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50

240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0



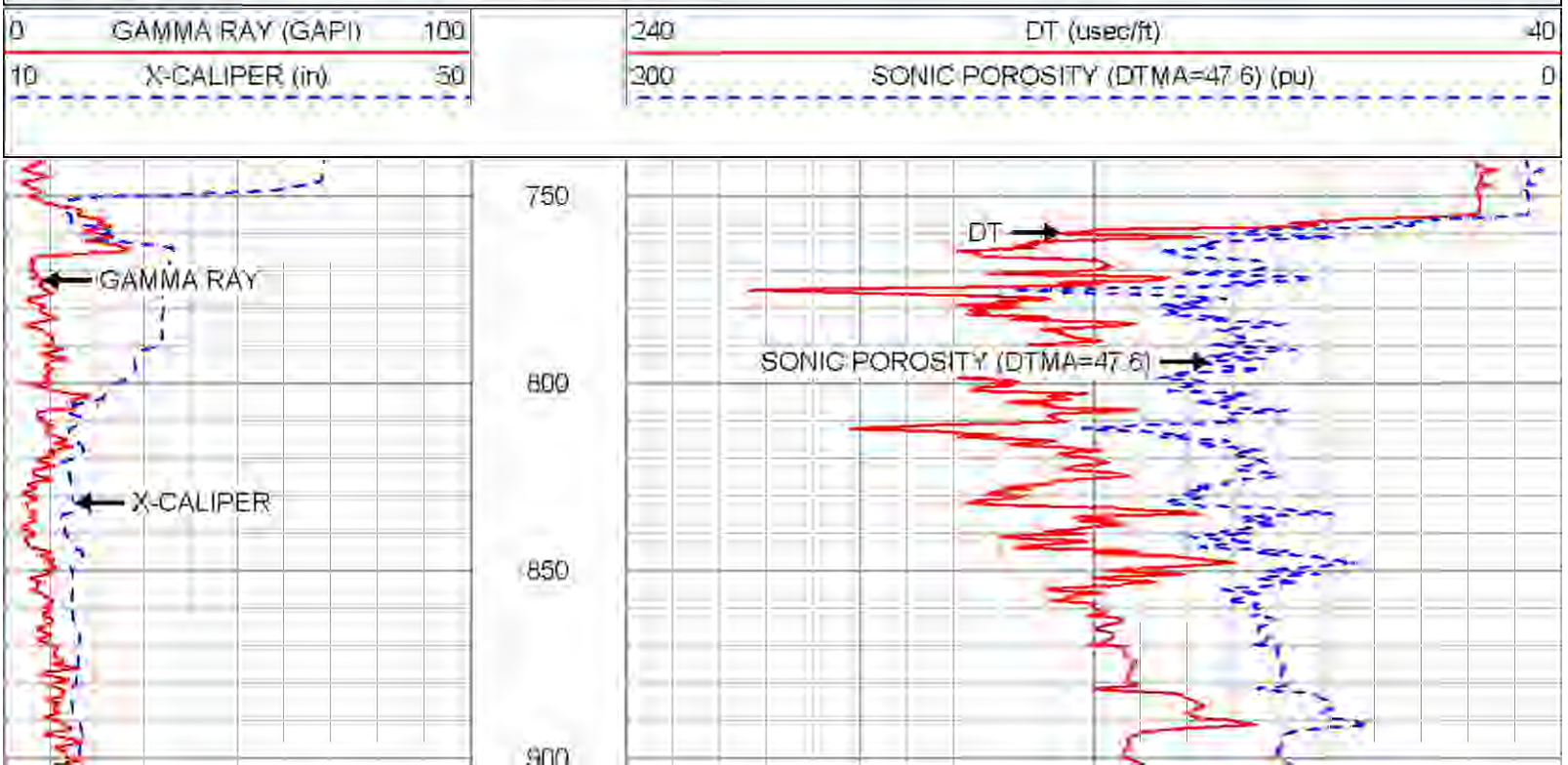


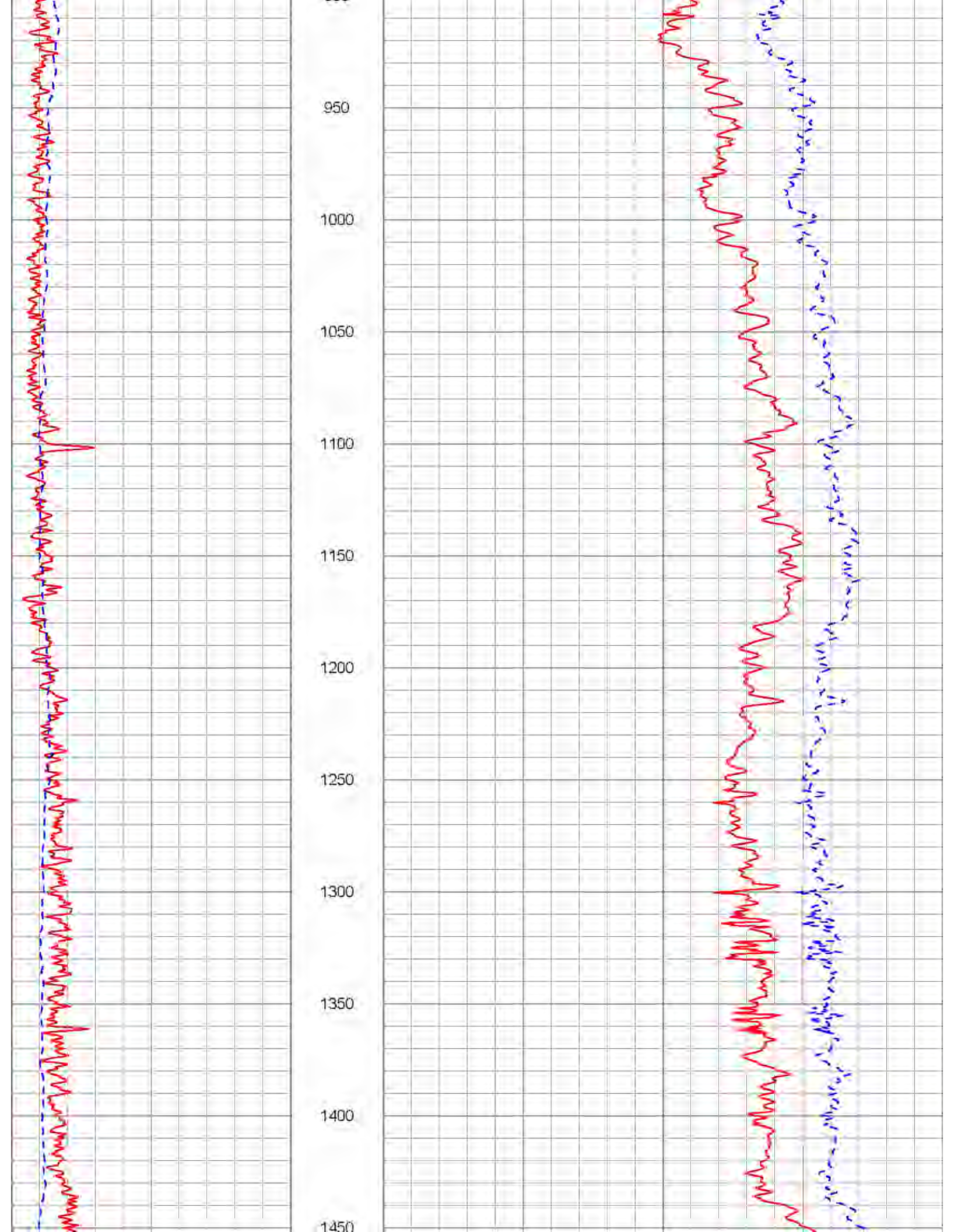
YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File	labelleiw1.db
Dataset Pathname:	run5/pass9
Presentation Format:	son_por
Dataset Creation:	Mon Apr 01 10:38:11 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

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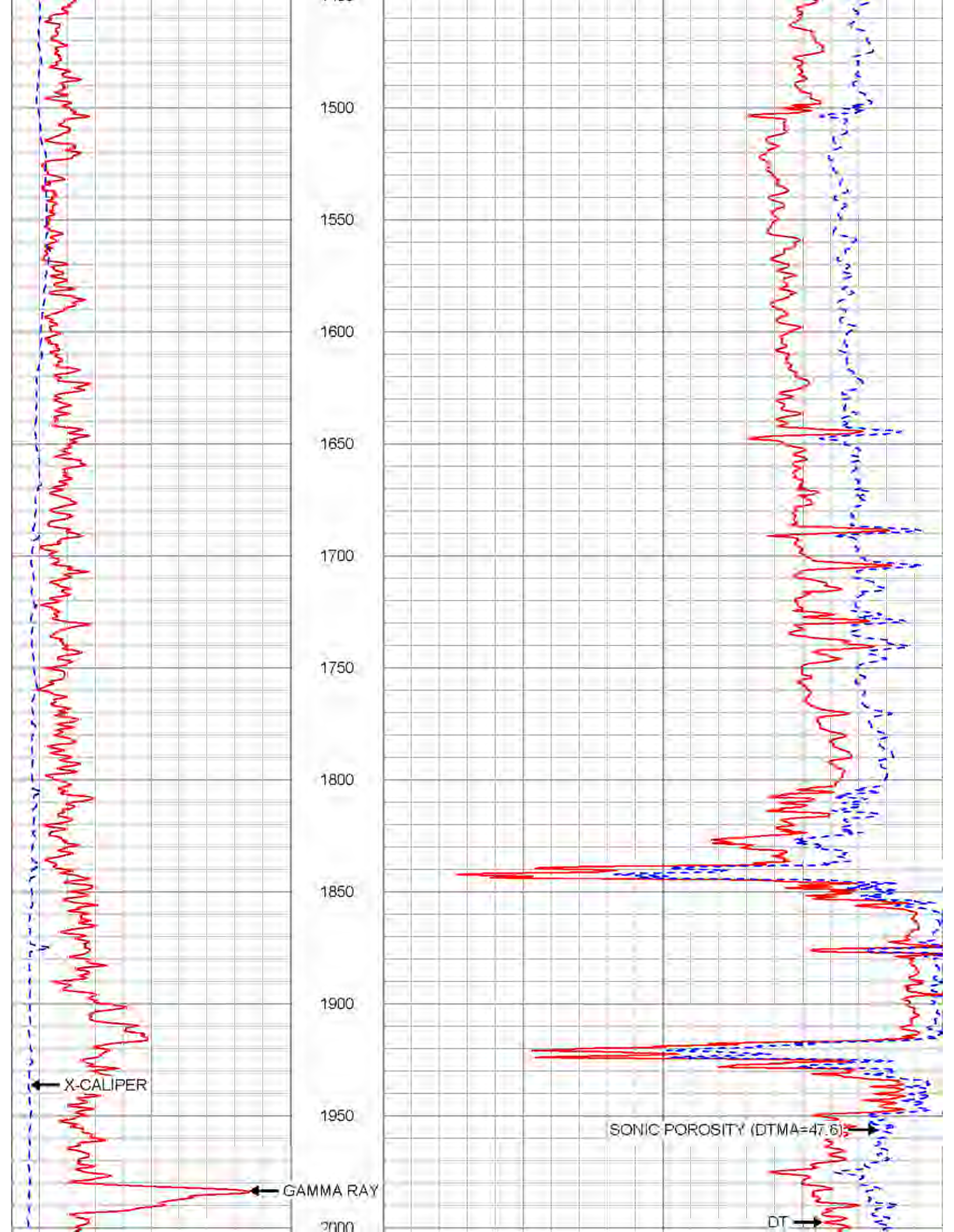
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450


1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
X-CALIPER
GAMMA RAY
SONIC POROSITY (DTMA=47.6)
DT

0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50

240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0

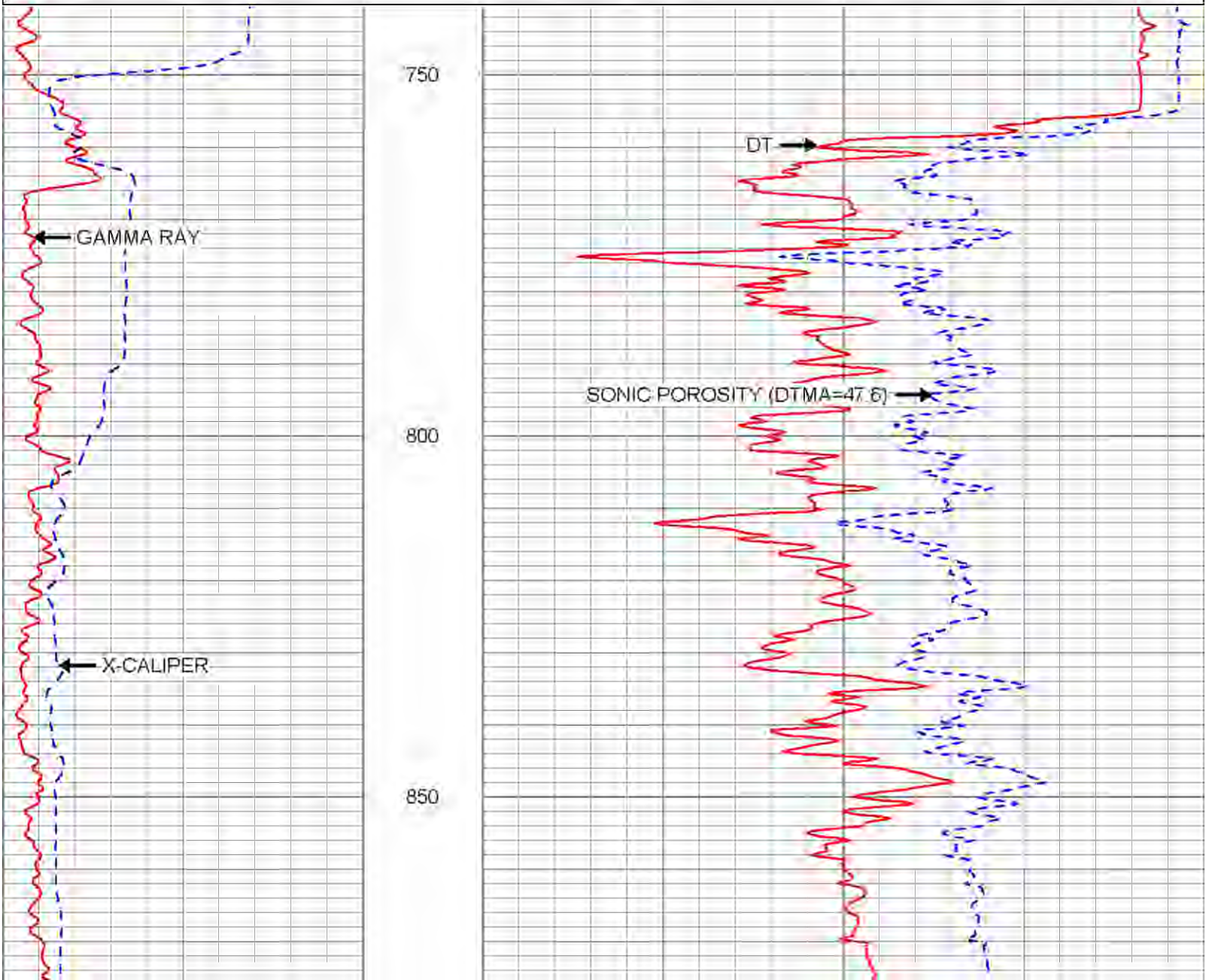
YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING DIVISION

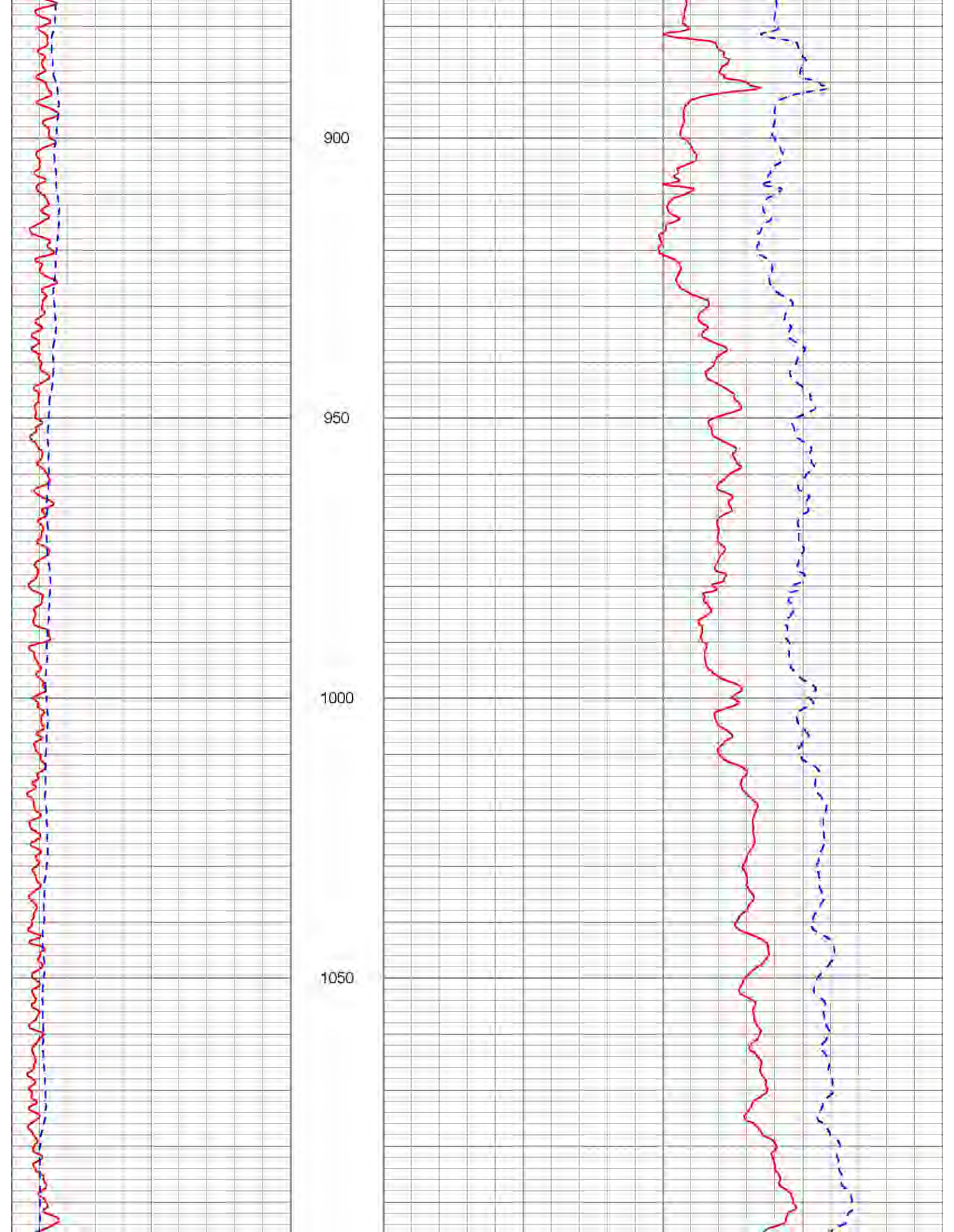
MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass9
Presentation Format:	son_por
Dataset Creation:	Mon Apr 01 10:38:11 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50

240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0

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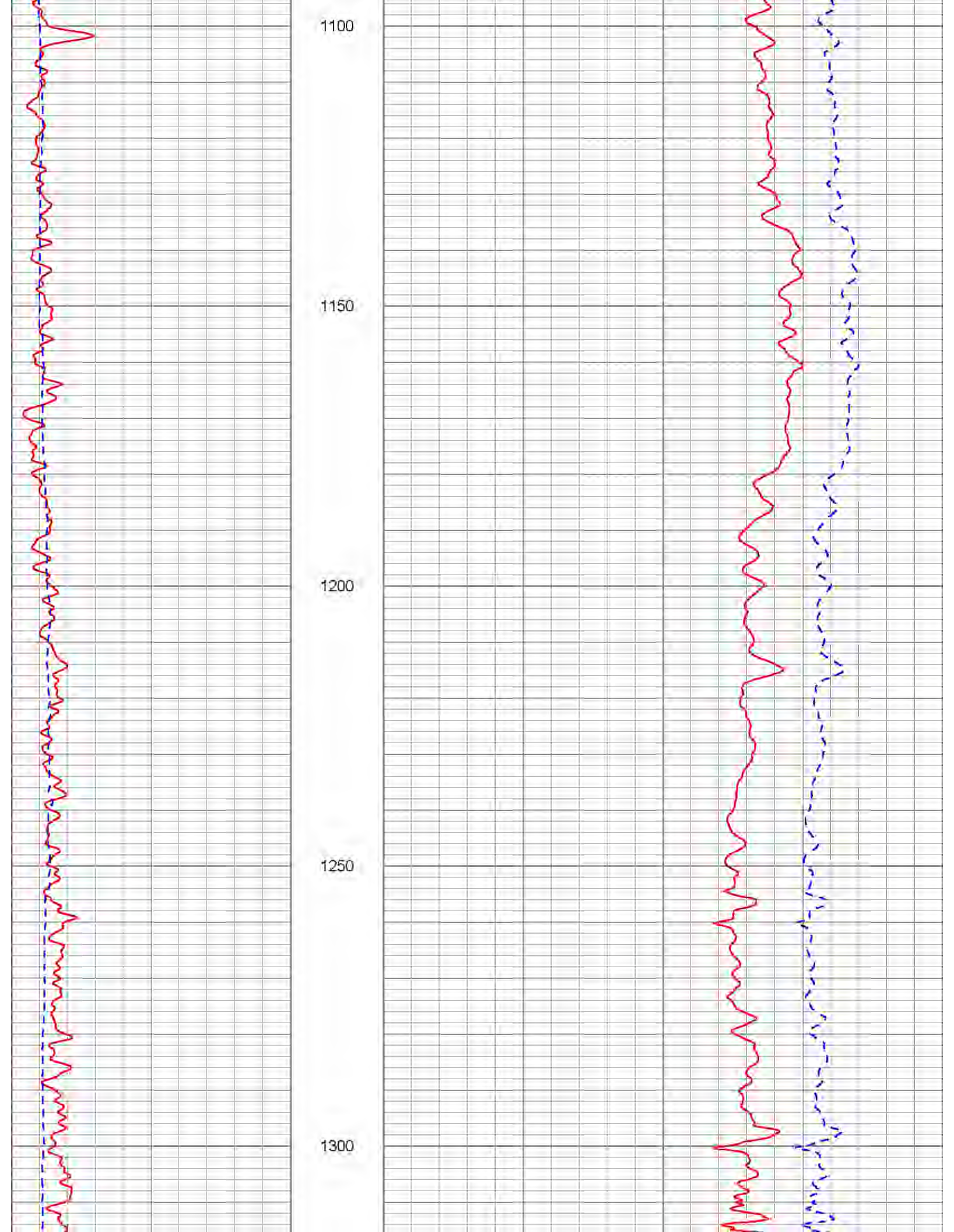
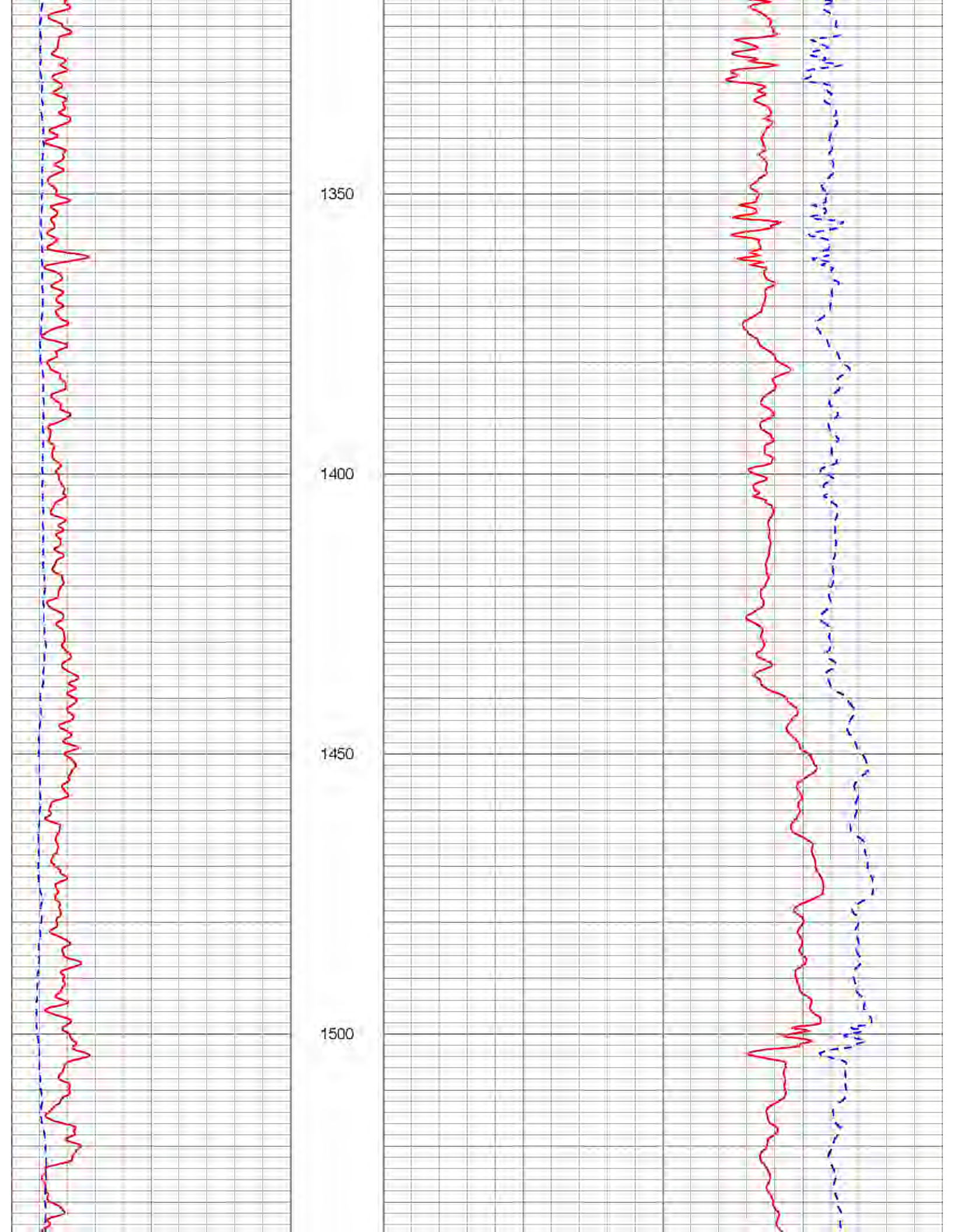
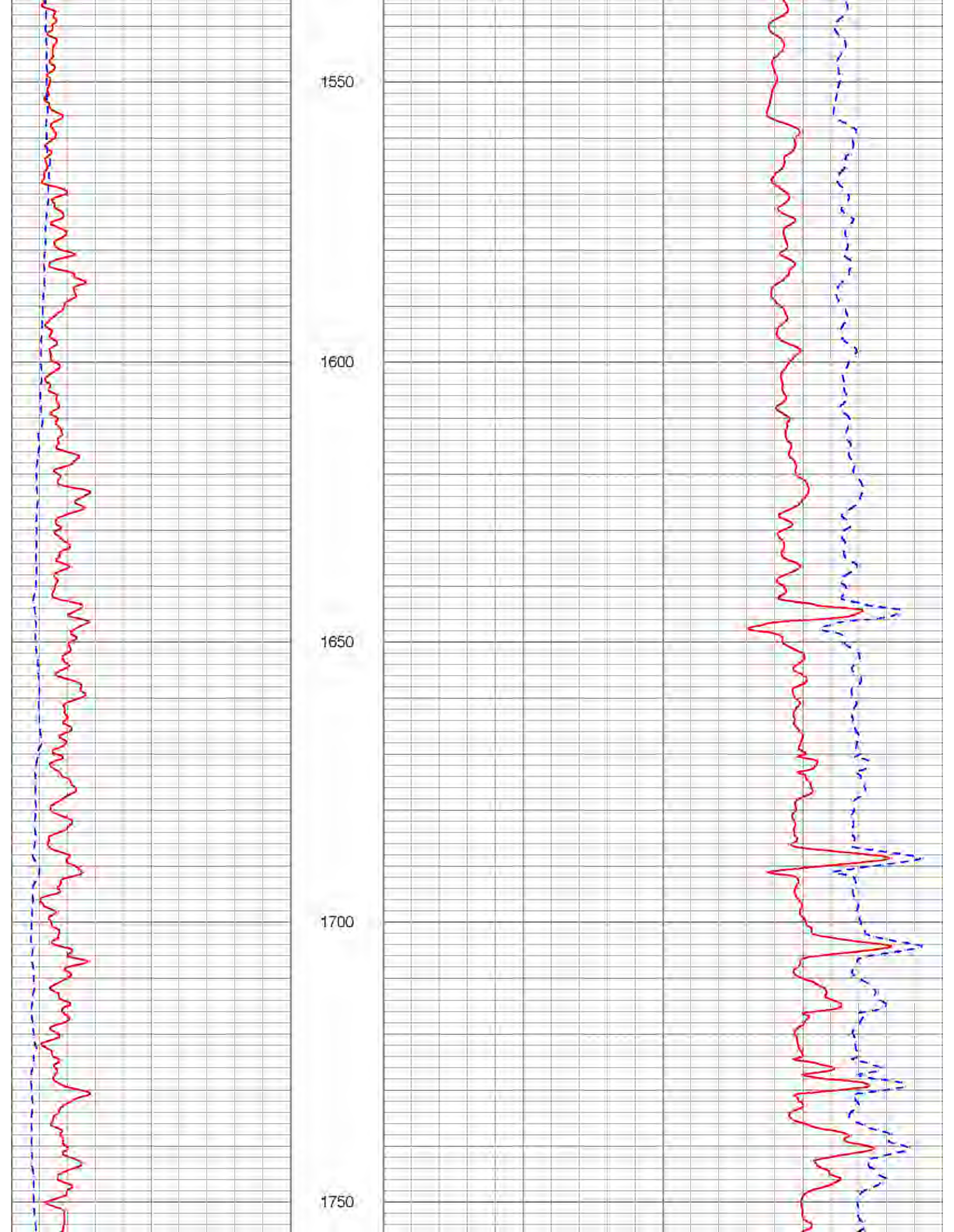
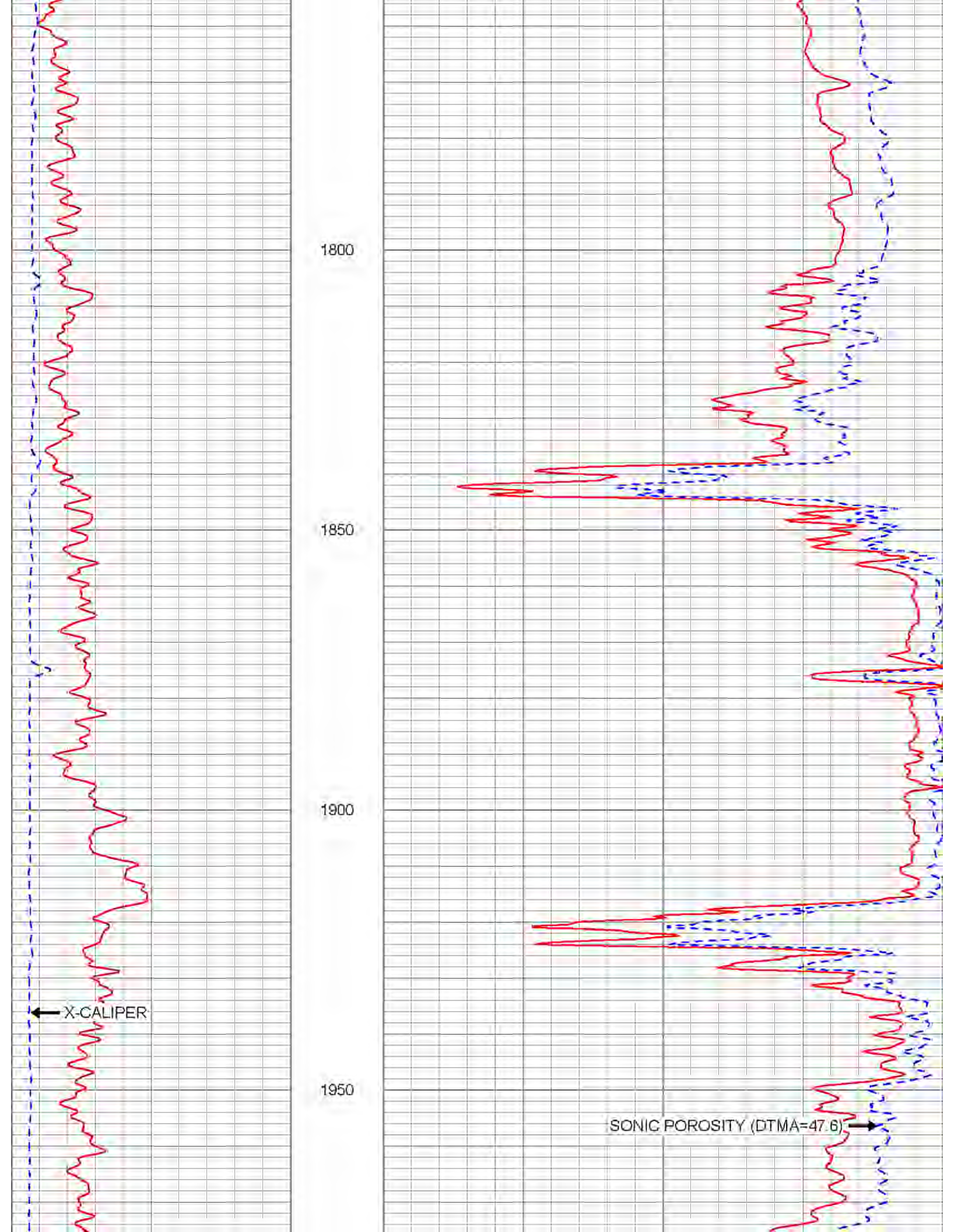
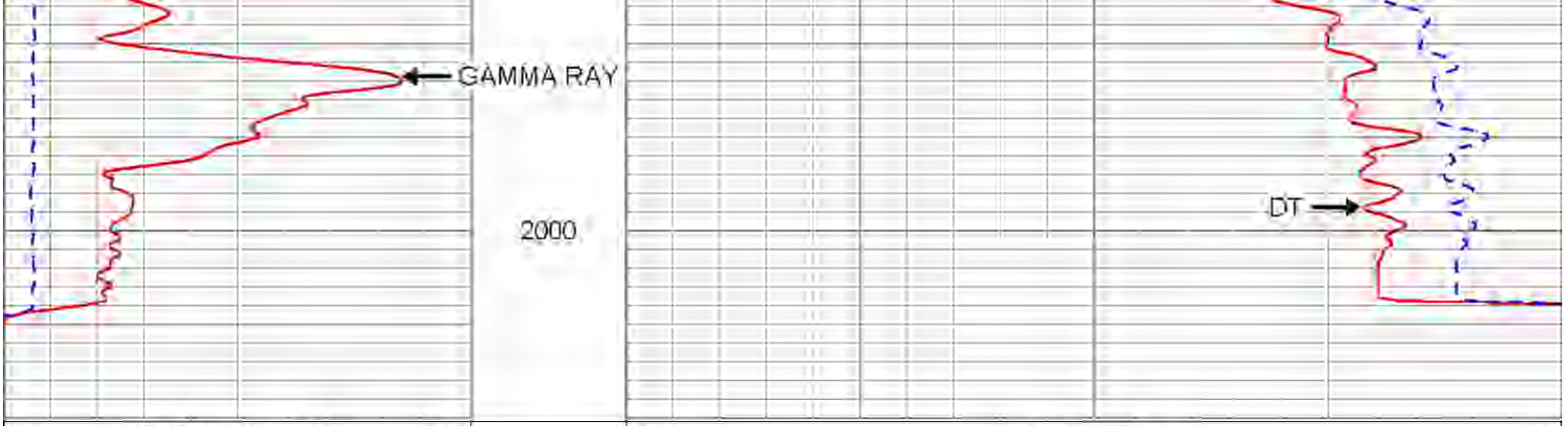
1000
1050


1100
1150
1200
1250
1300


1350
1400
1450
1500


1550
1600
1650
1700
1750


1800
1850
1900
X-CALIPER
1950
SONIC POROSITY (DTMA=47.6)



0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50

240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0

YOUNGQUIST BROTHERS, Inc

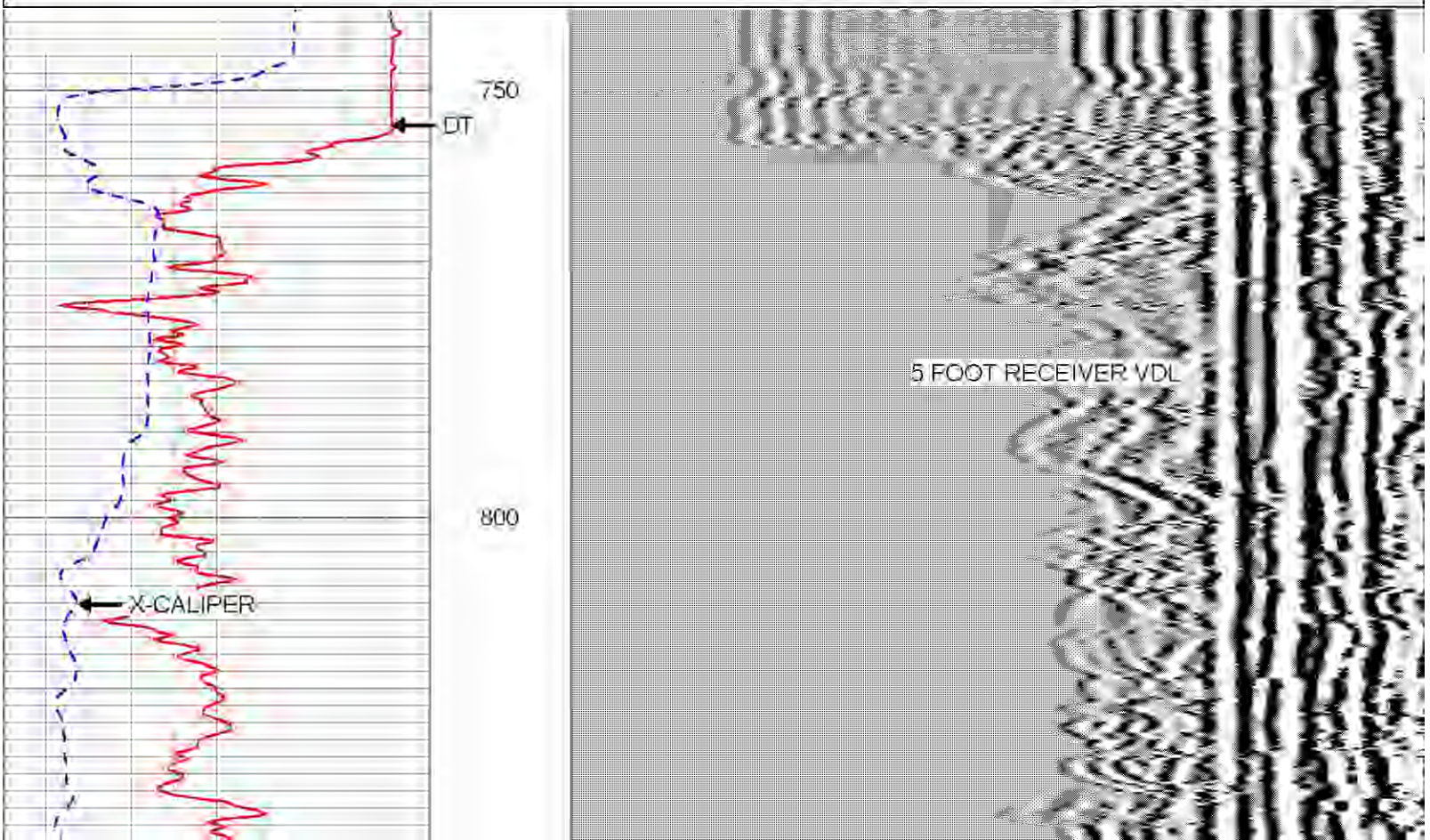
GEOPHYSICAL LOGGING DIVISION

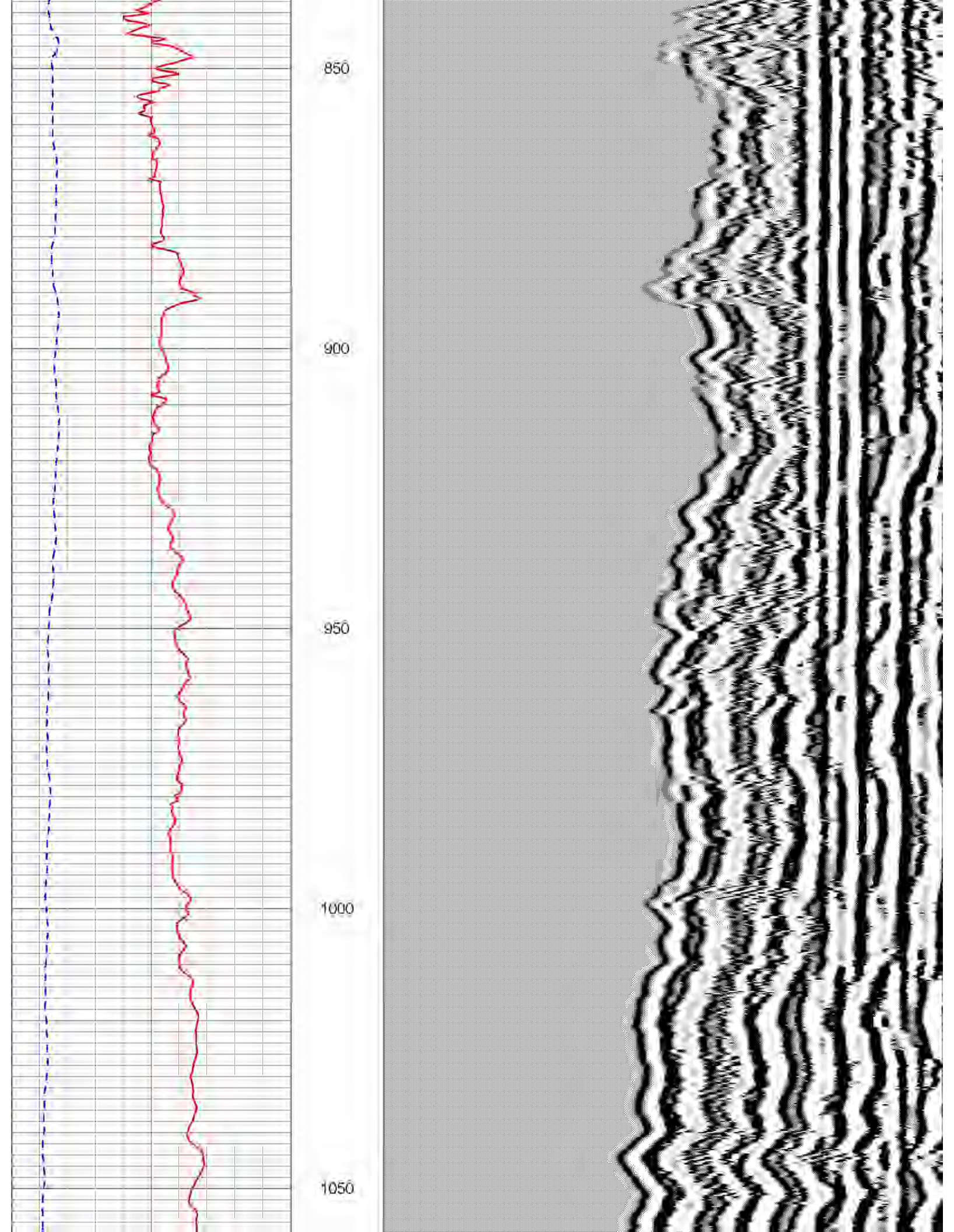
MAIN PASS

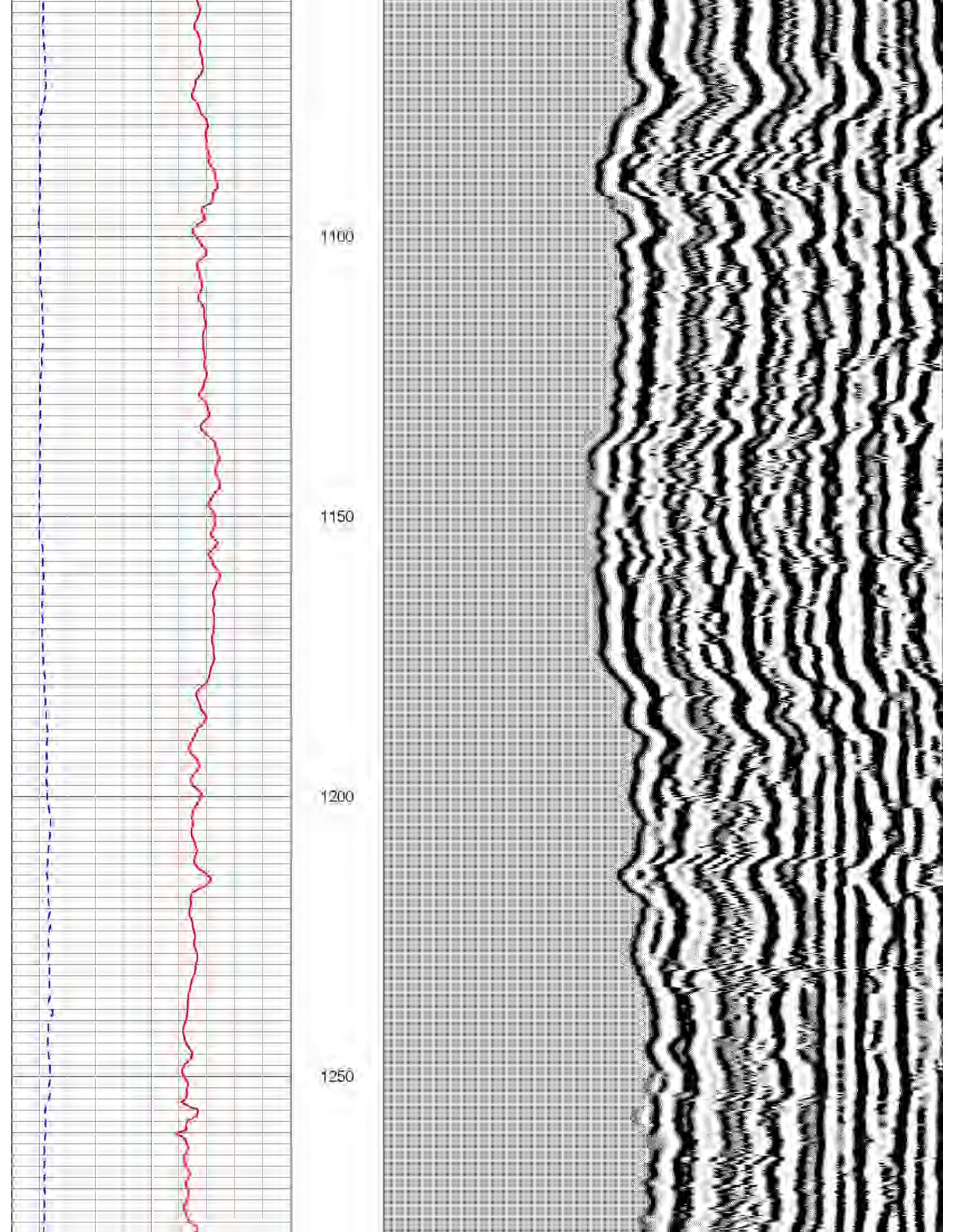
Database File:	labelleiw1.db
Dataset Pathname:	run5/pass9
Presentation Format:	son_vdl
Dataset Creation:	Mon Apr 01 10:38:11 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

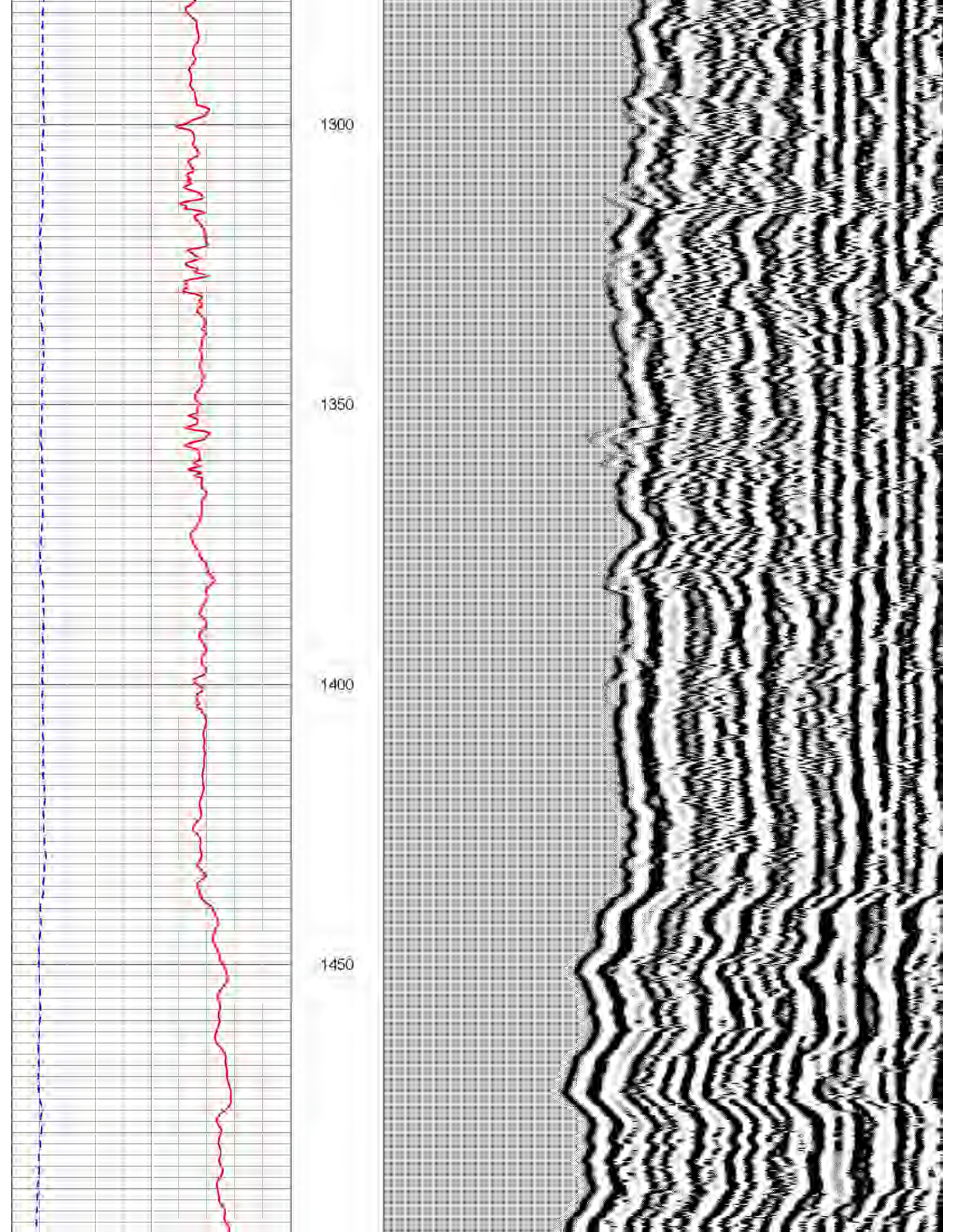
240	DT (usec/ft)	40
10	X-CALIPER (in)	50

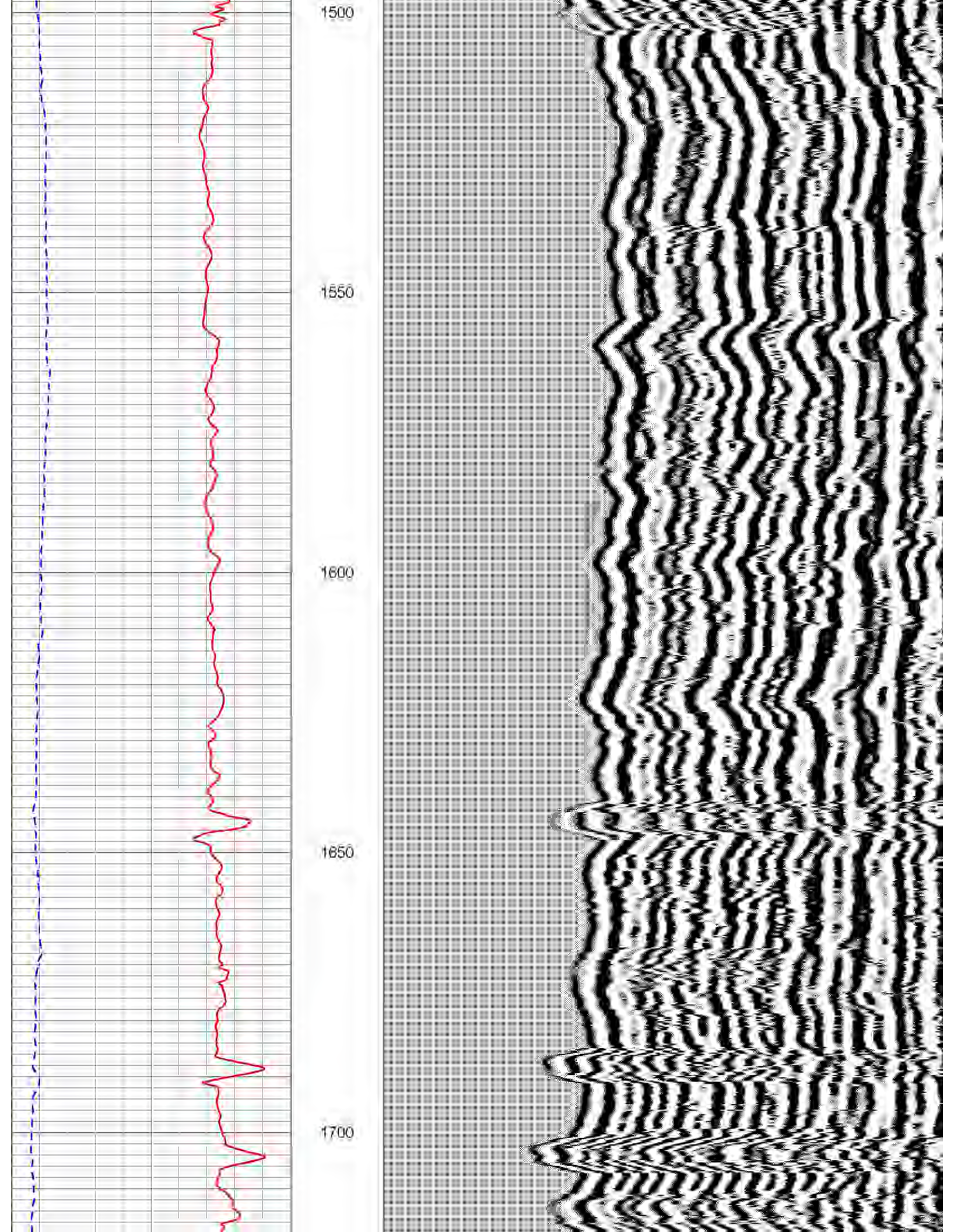
400	5 FOOT RECEIVER VDL	1400

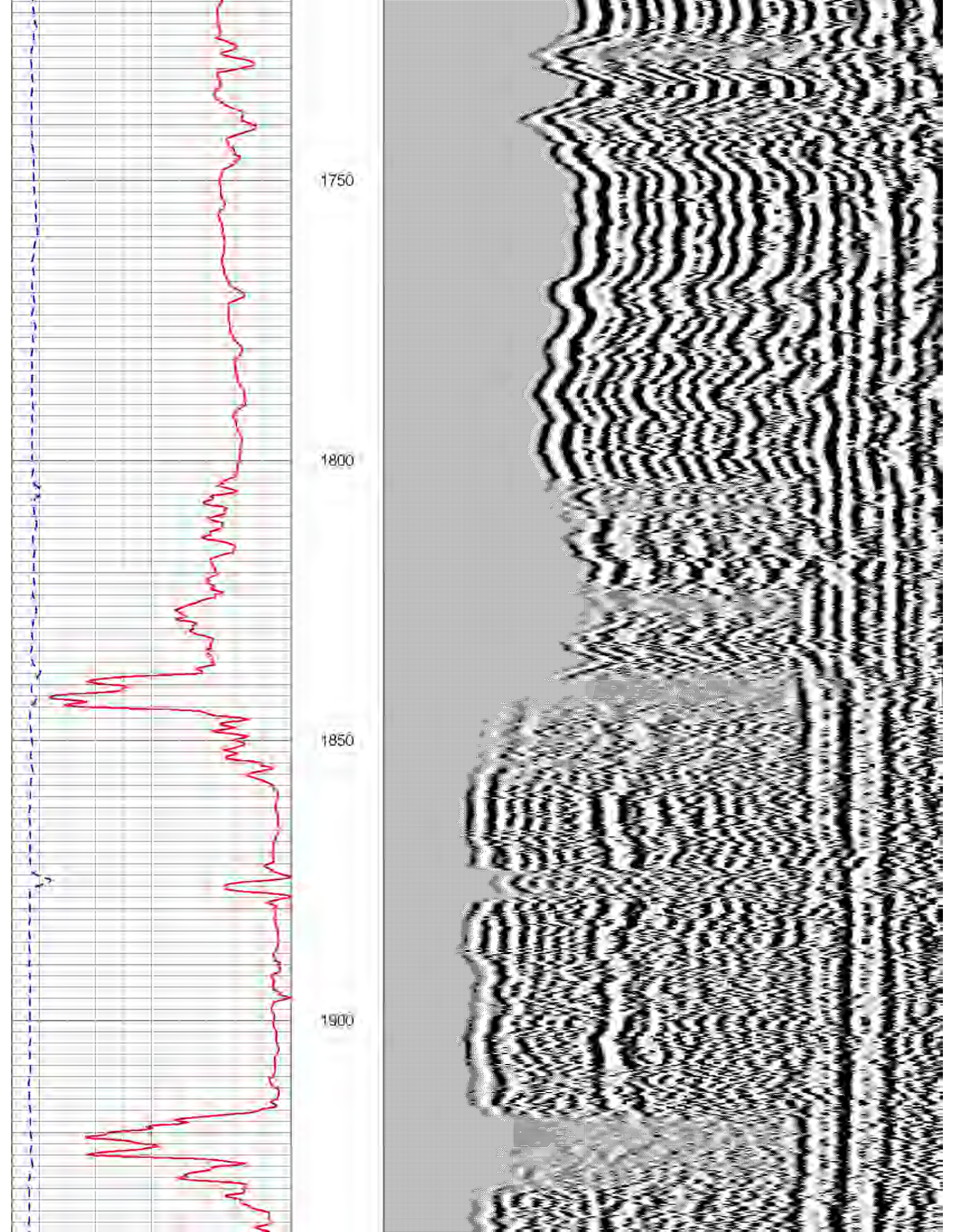



850
900
950
1000
1050


1100
1150
1200
1250


1300
1350
1400
1450


1500
1550
1600
1650
1700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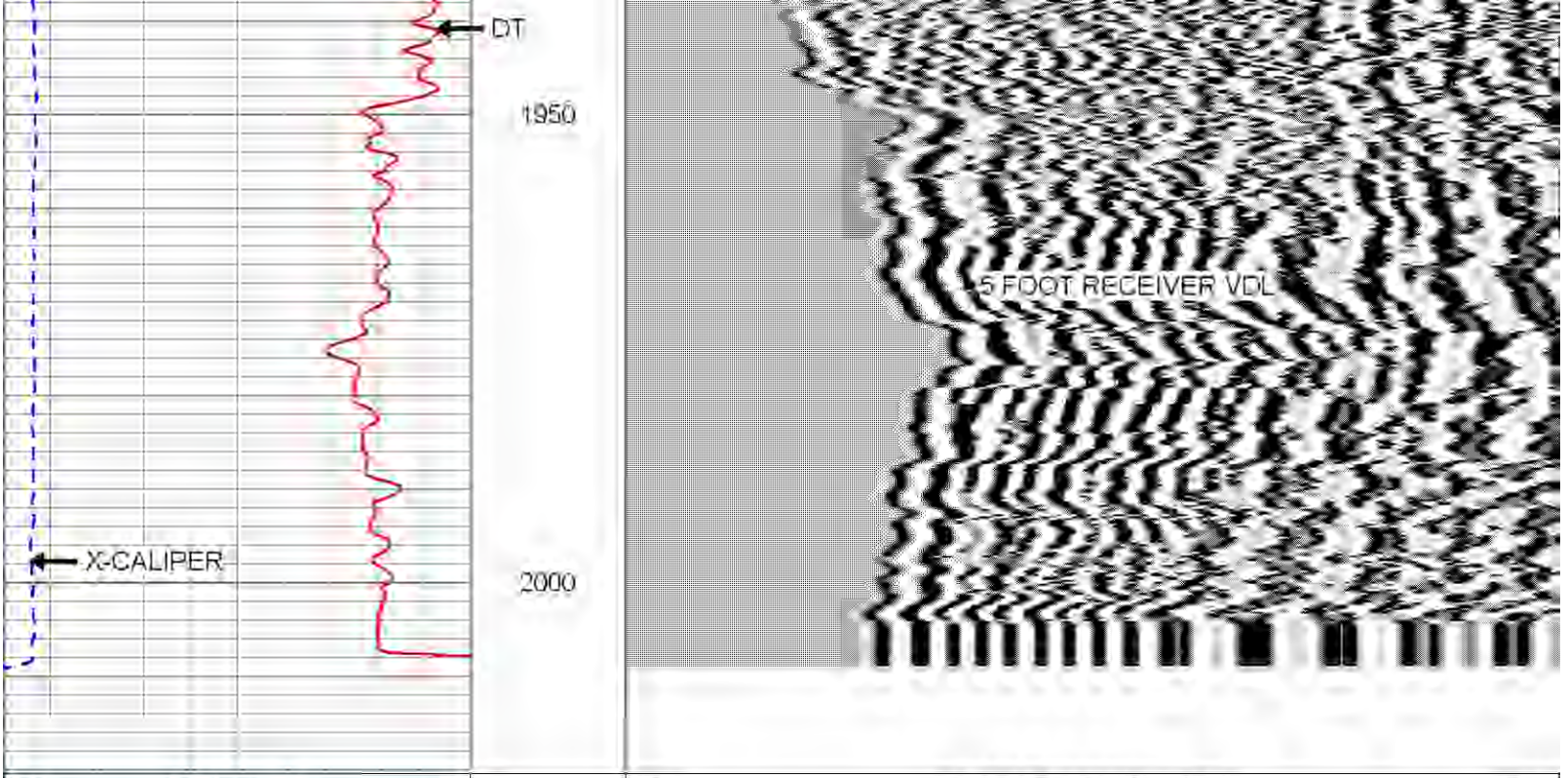


240	DT (usec/ft)	40
10	X-CALIPER (in)	50

400	5 FOOT RECEIVER VDL	1400

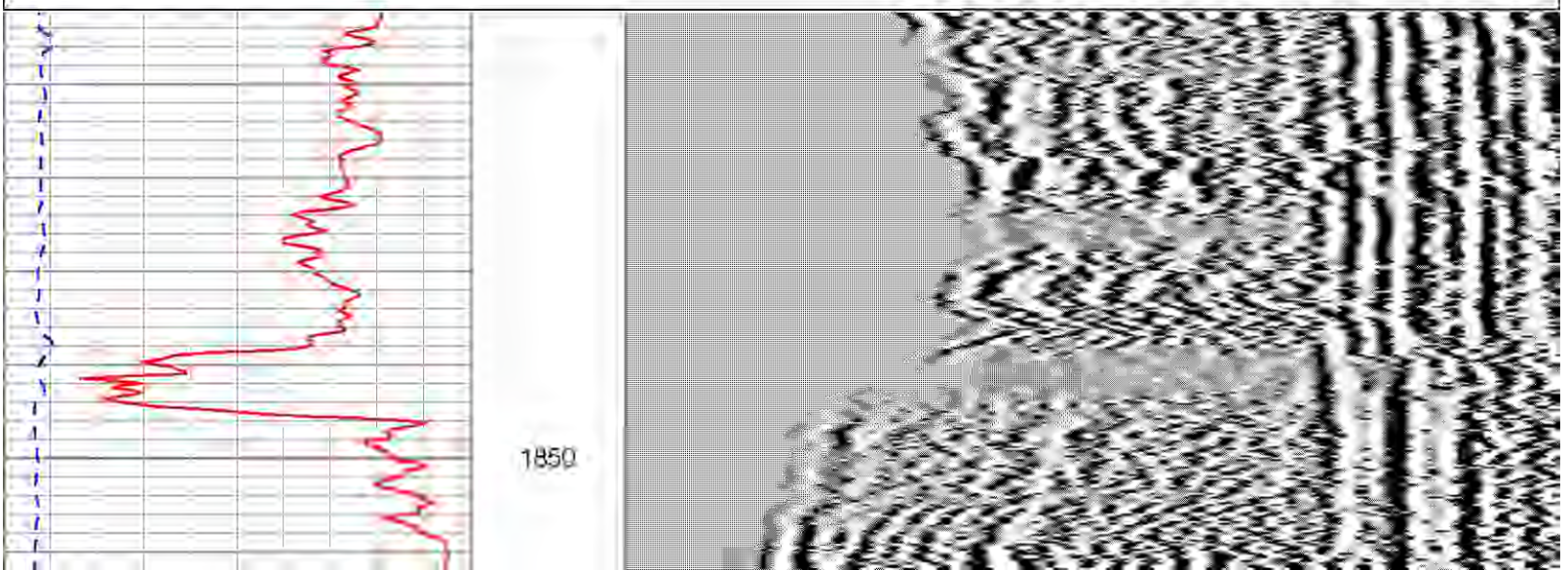
YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING DIVISION

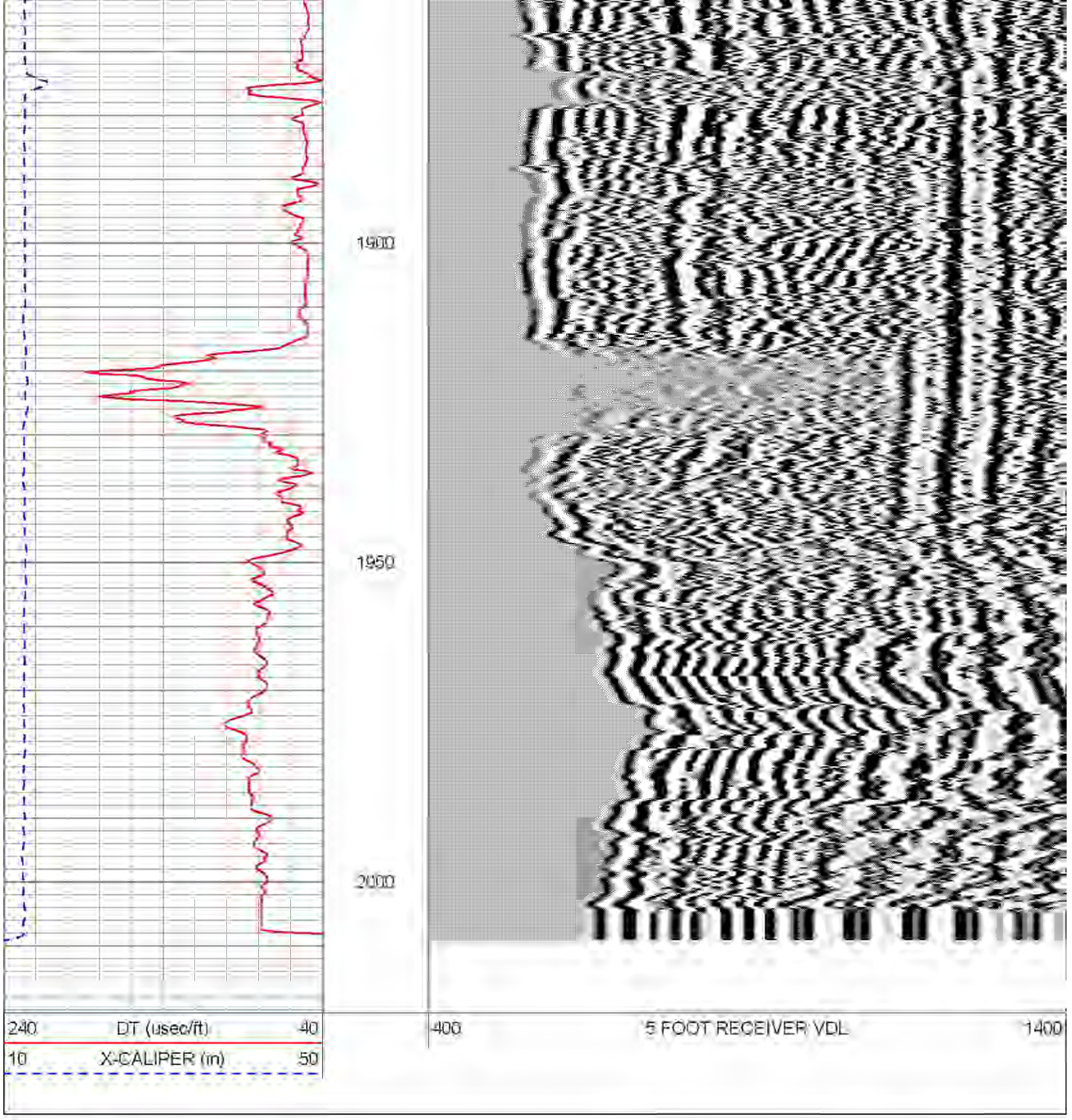
REPEAT PASS

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass8
Presentation Format:	son_vdl
Dataset Creation:	Mon Apr 01 10:29:22 2013 by Log-SOC 110722
Charted by:	Depth in Feet scaled 1:240

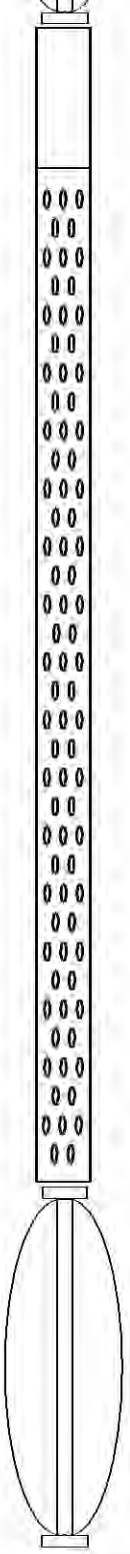
240	DT (usec/ft)	40
10	X-CALIPER (in)	50

400	5 FOOT RECEIVER VDL	1400





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			TOP	5.00	3.00	50.00



WVF1 WVF3	13.50 13.50	SLT-PENGO (03)	16.00	3.50	127.00
WVF2 WVF4	11.50 11.50				
		BOT	5.00	3.00	50.00

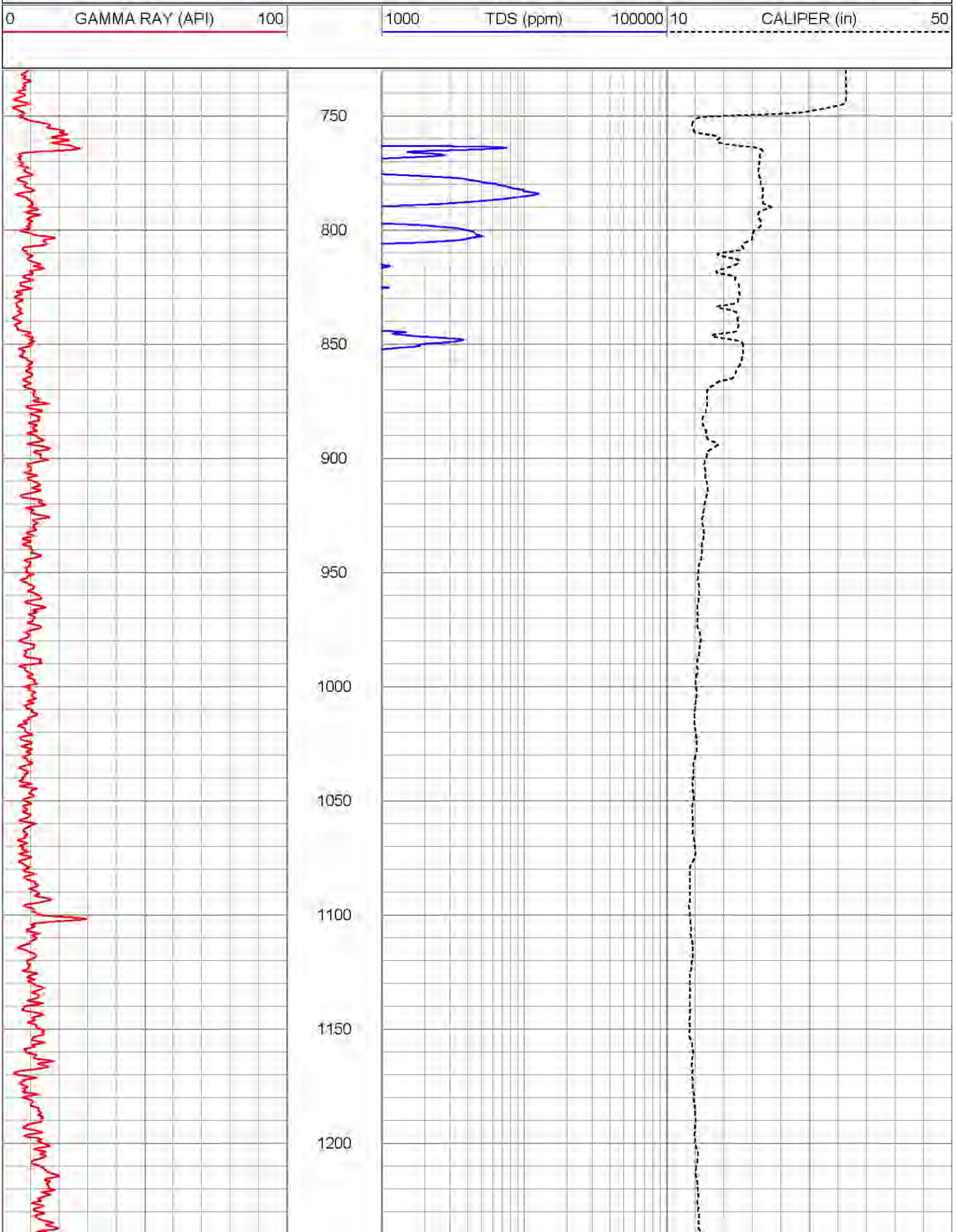
Dataset:	labelleiw1.db: field/well/run5/pass9
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

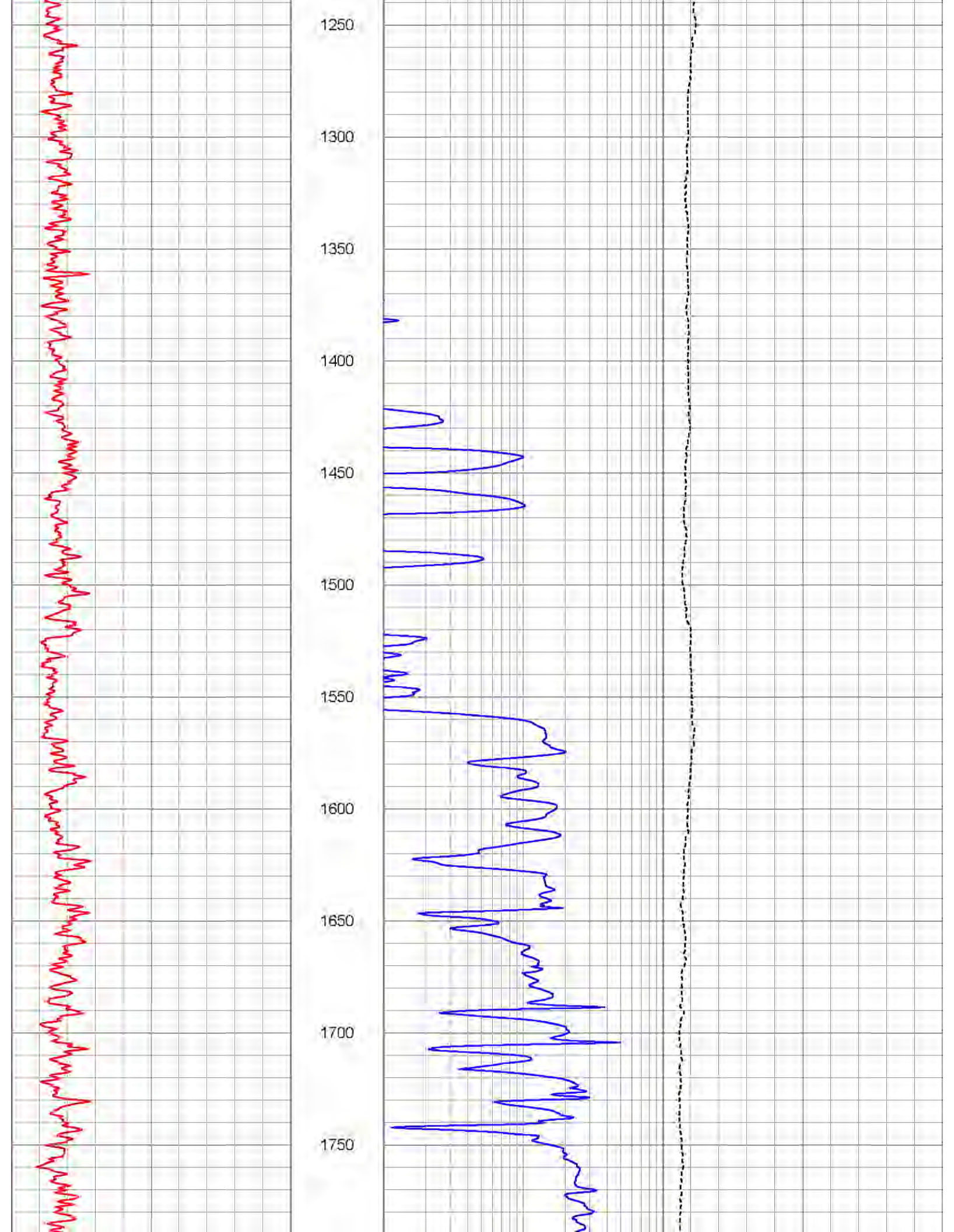
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

LOG DERIVED TDS

Database File:	labelleiw1.db
Dataset Pathname:	run5/TDS
Presentation Format:	tds
Dataset Creation:	Mon Apr 01 14:49:26 2013

Charted by: Depth in Feet scaled 1:600

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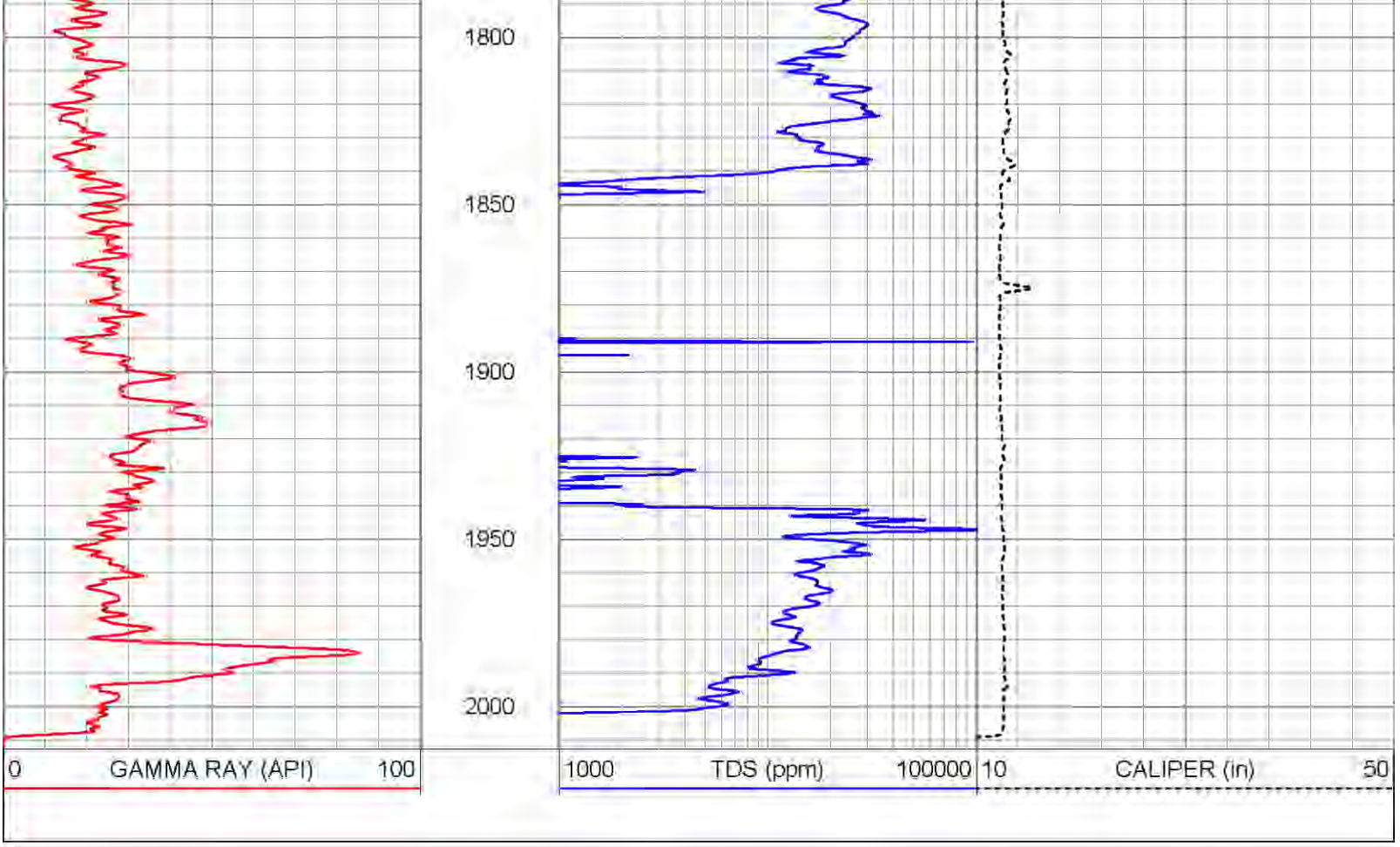
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TDS (ppm)
100000
10
CALIPER (in)
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YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

BOREHOLE TELEVIEWER LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # ;

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	1-APRIL-2013		
Run Number	FIVE		
Depth Driller	2010'		
Depth Logger	2017'		
Bottom Logged Interval	2017'		
Top Log Interval	CASING		
Open Hole Size	12.25'		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp	97.7 degF		
Estimated Cement Top	NA		
Time Well Ready	0500		
Time Logger on Bottom	0600		
Equipment Number	103		
Location	FT MYERS		
Recorded By	GARCIA	MOREY	
Witnessed By	A. McTHENIA		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75"	CASING	900'				
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner				

<<< Fold Here >>>

Comments

FLUID RESISTIVITY TEMPERATURE
FLOWMETER
XY CALIPER/ GAMMA RAY
DUAL INDUCTION

MAIN PASS

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

Database File:	lbelleiw1-bhtv1.db
Dataset Pathname:	pass1
Presentation Format:	mwscan2
Dataset Creation:	Mon Apr 01 20:22:39 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:50

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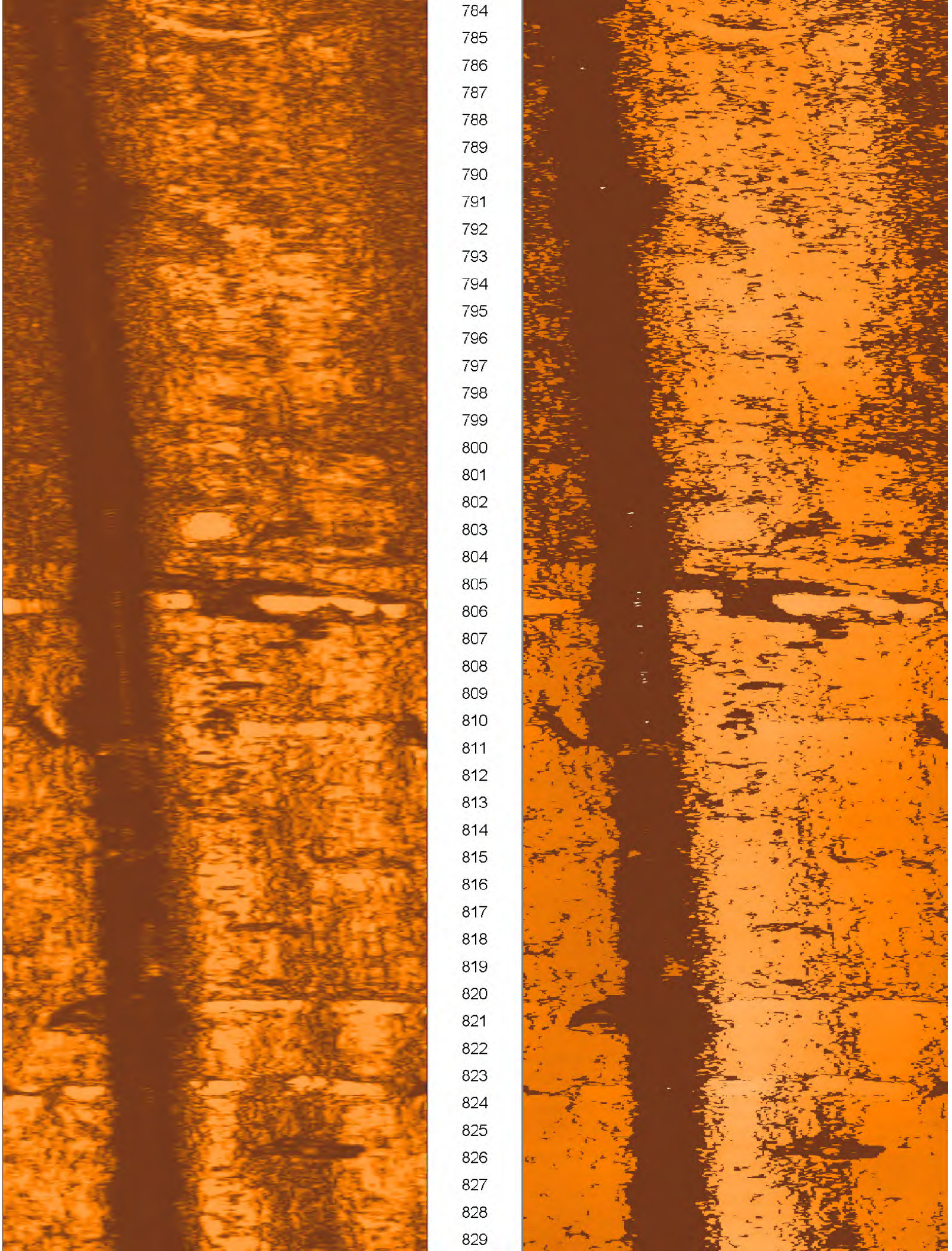

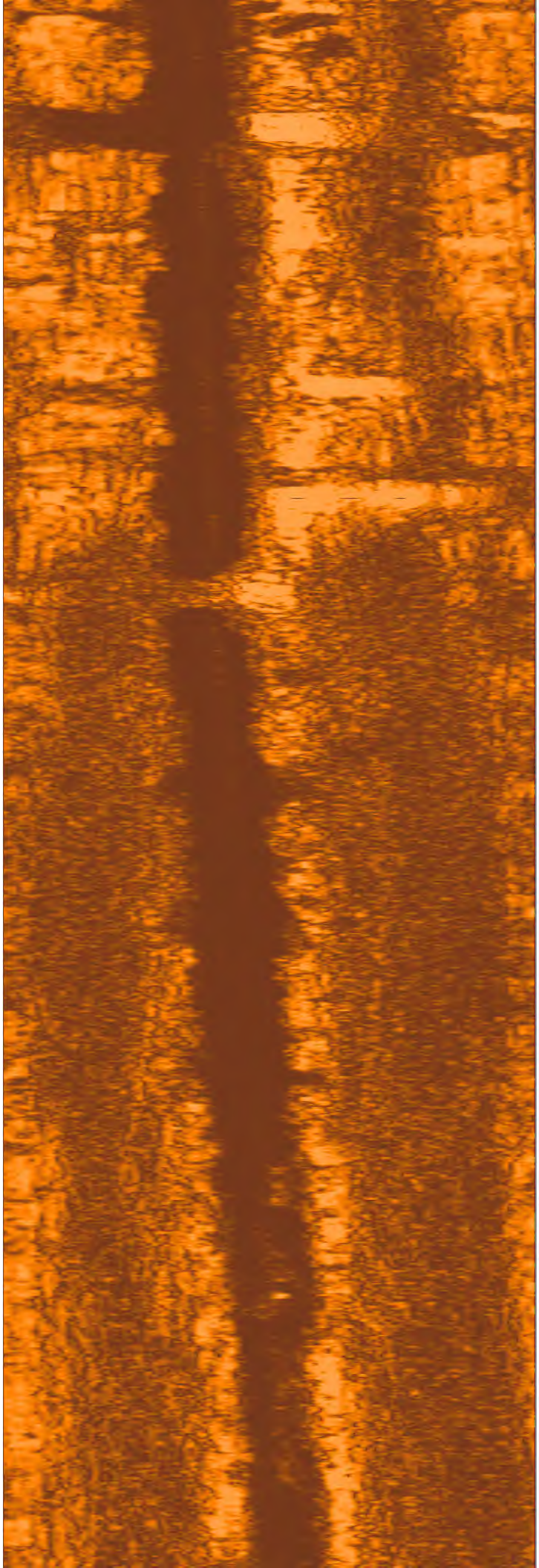

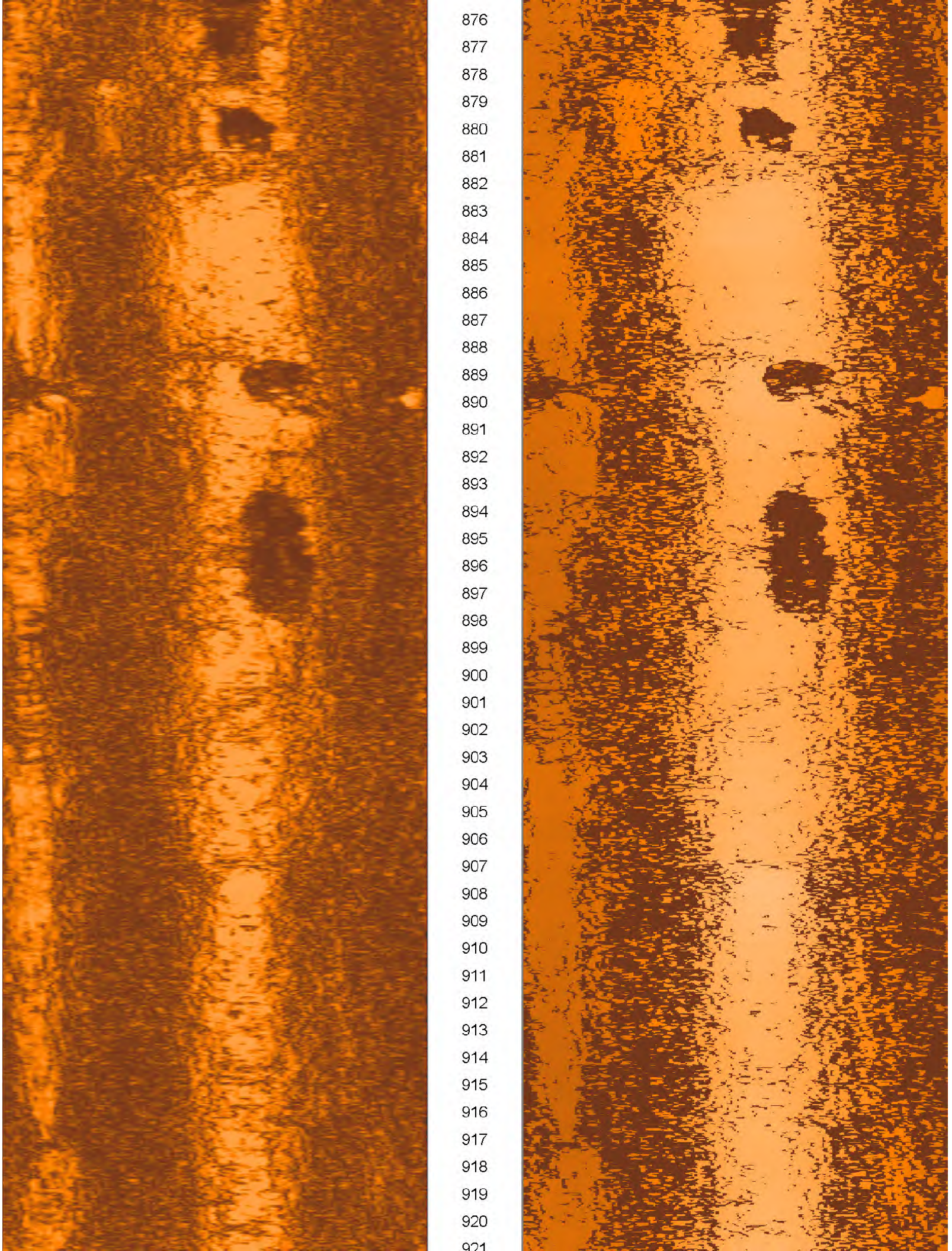

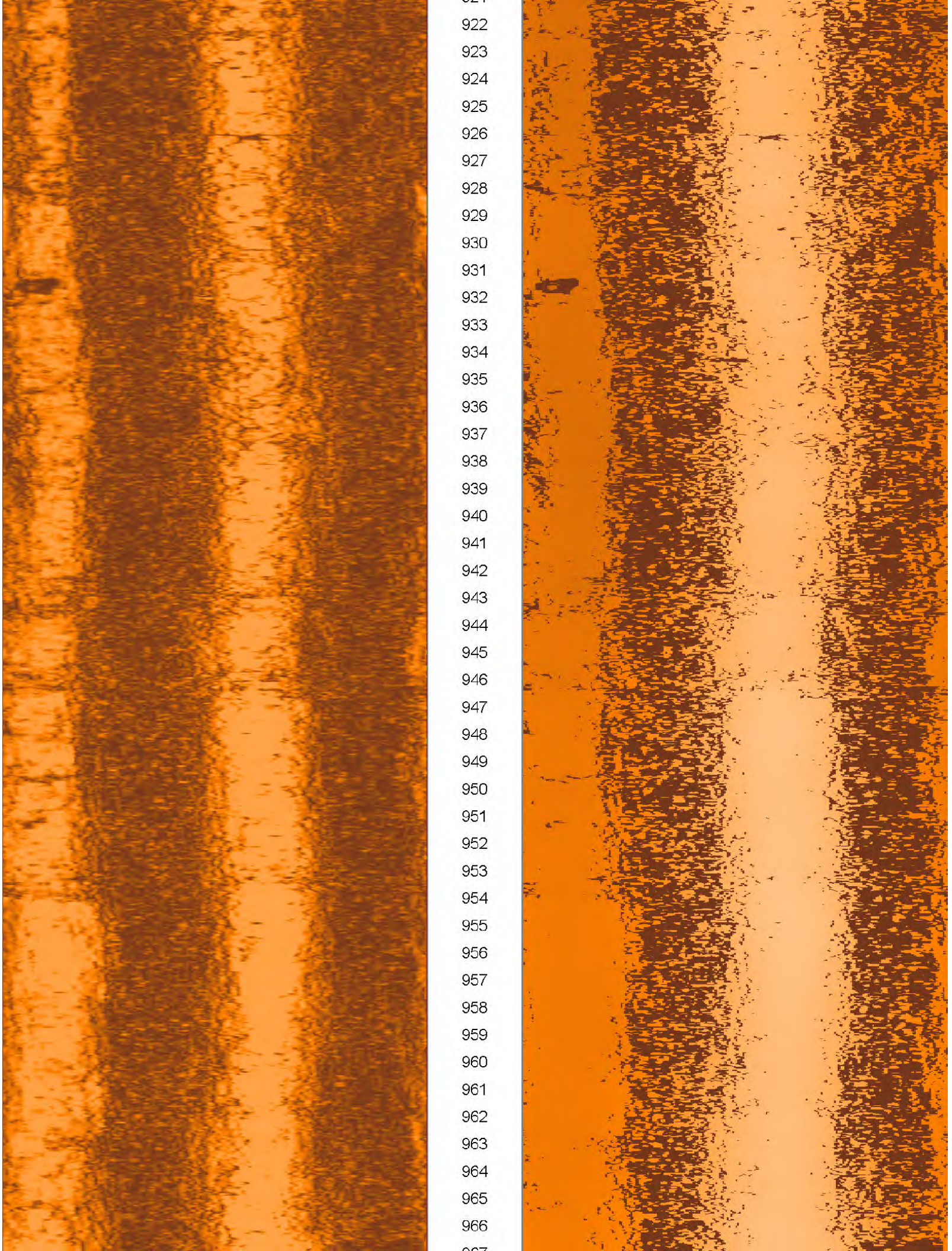

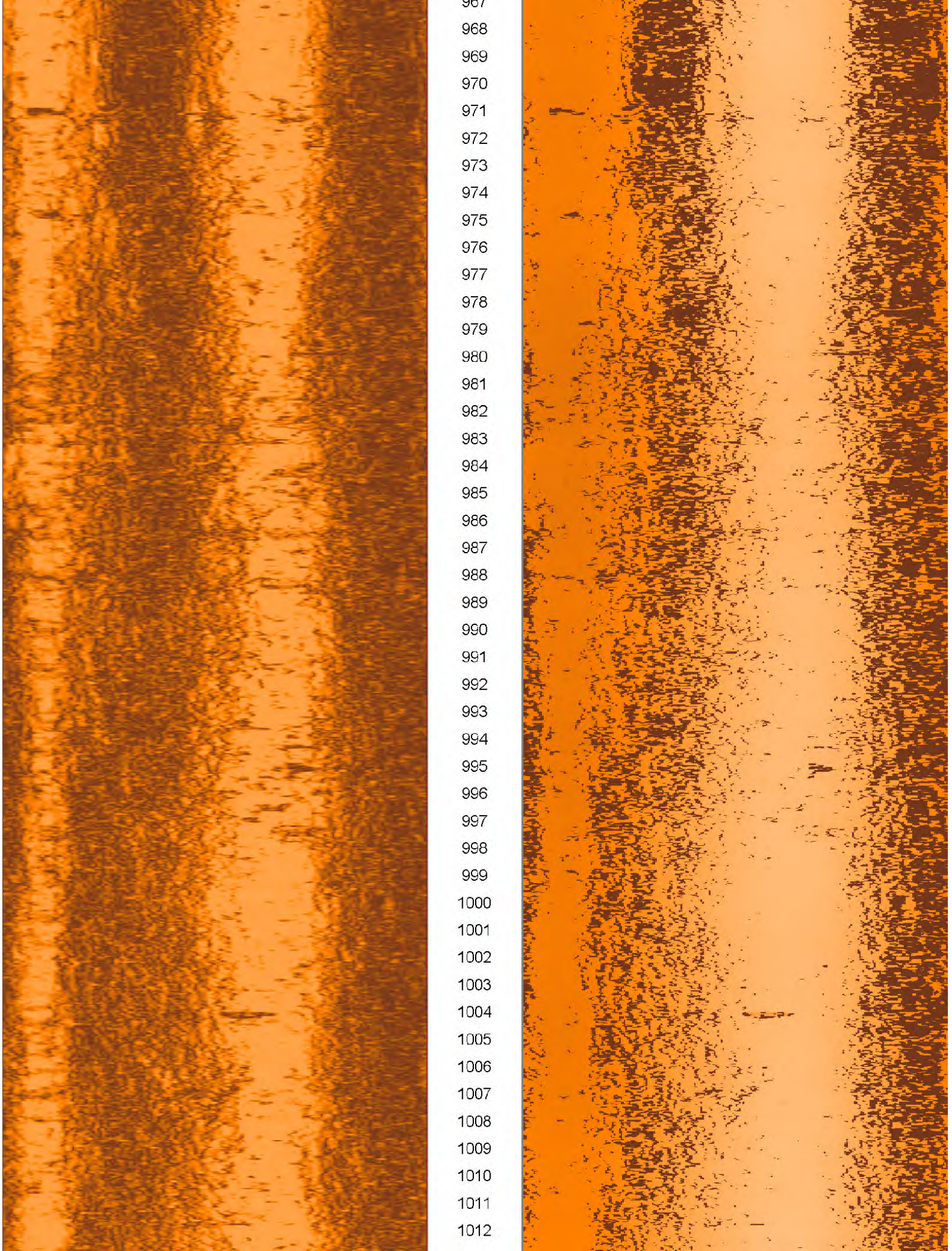
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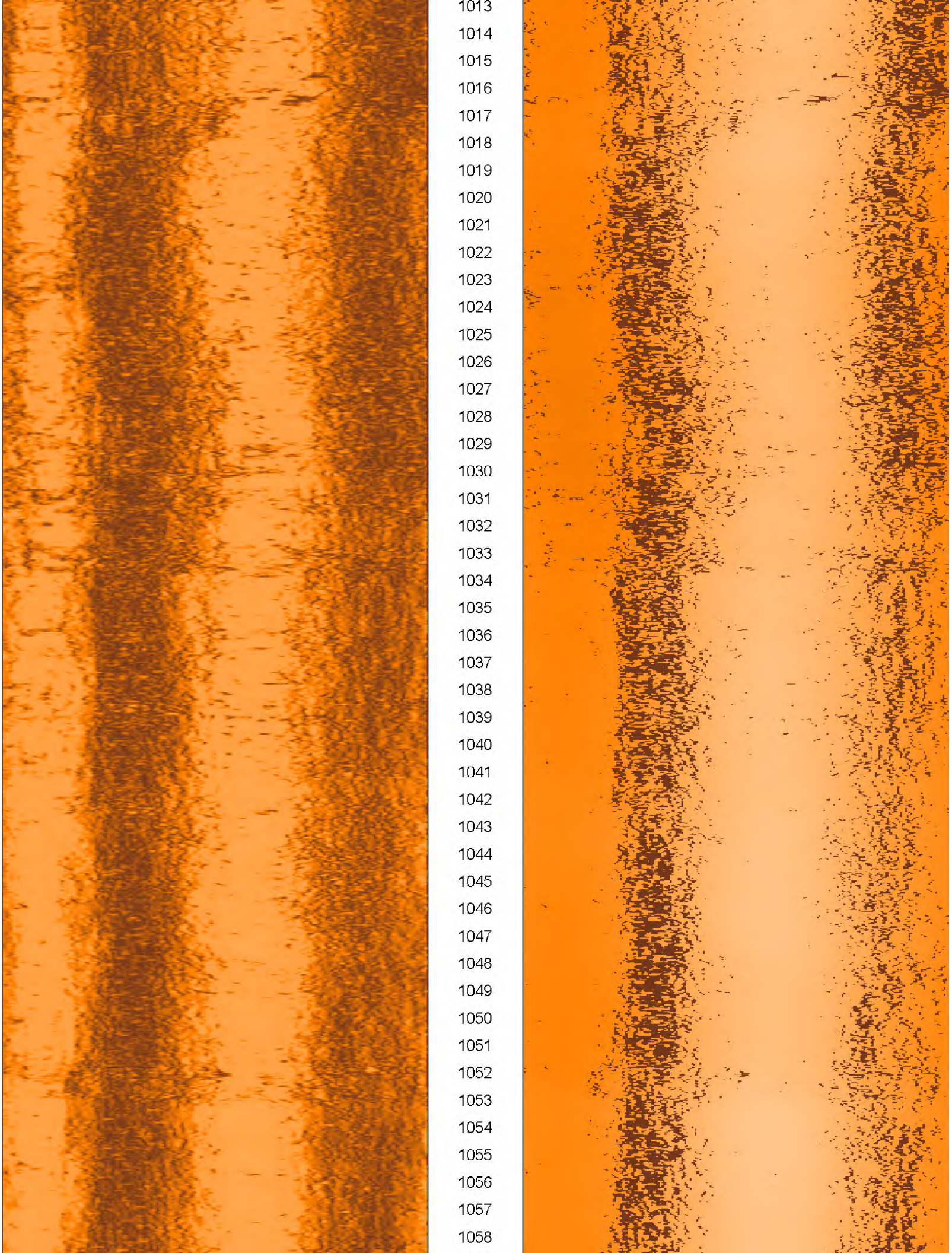
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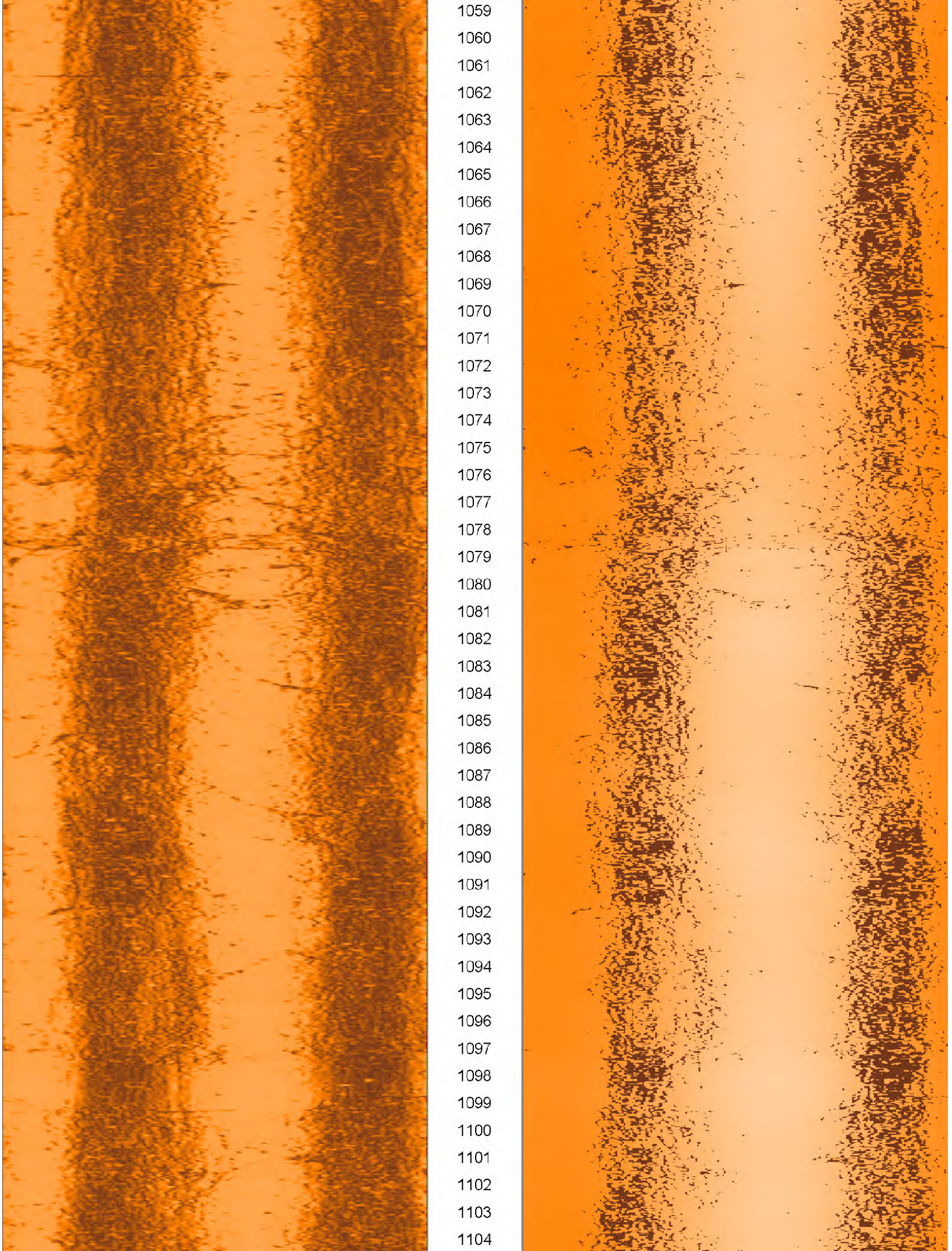
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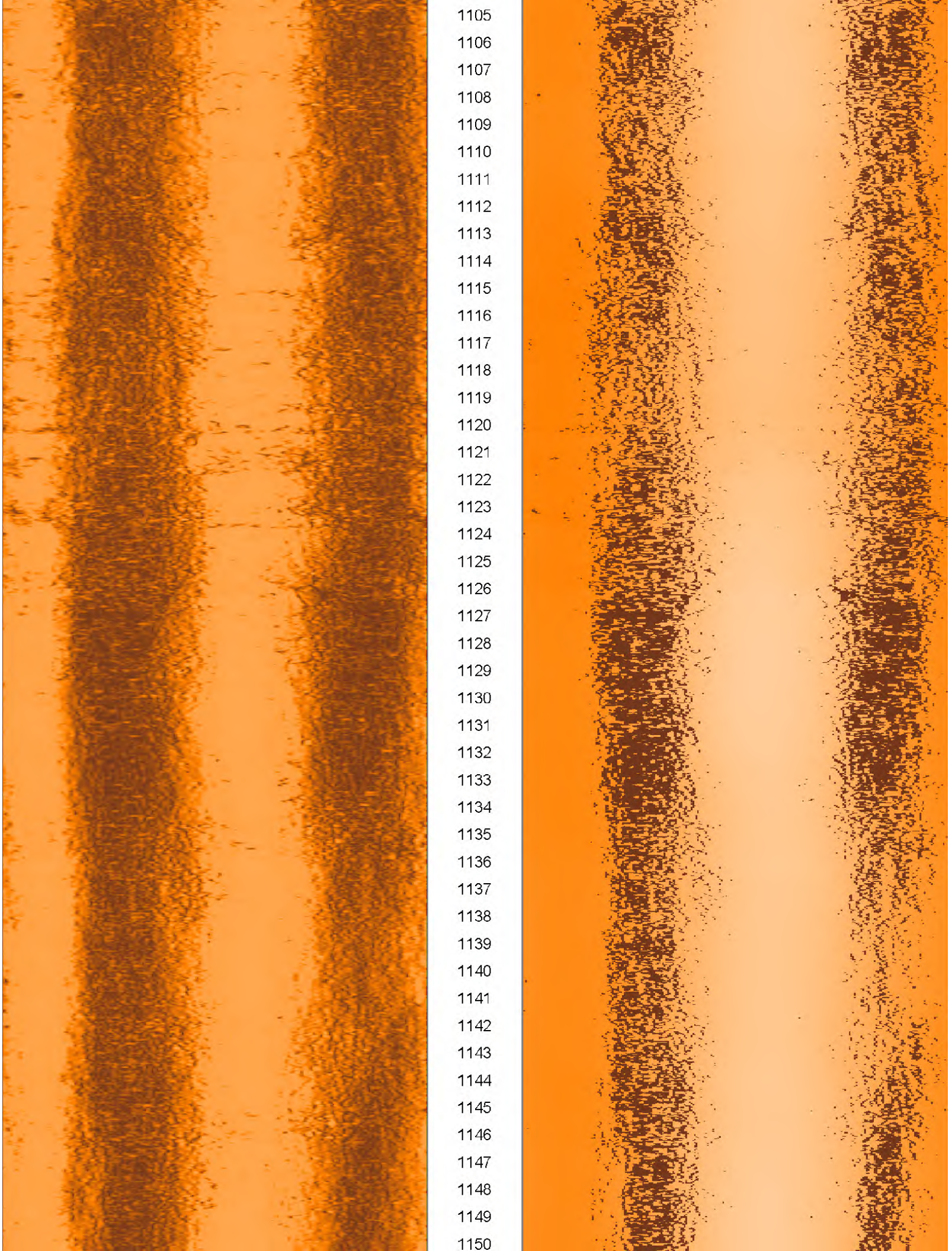
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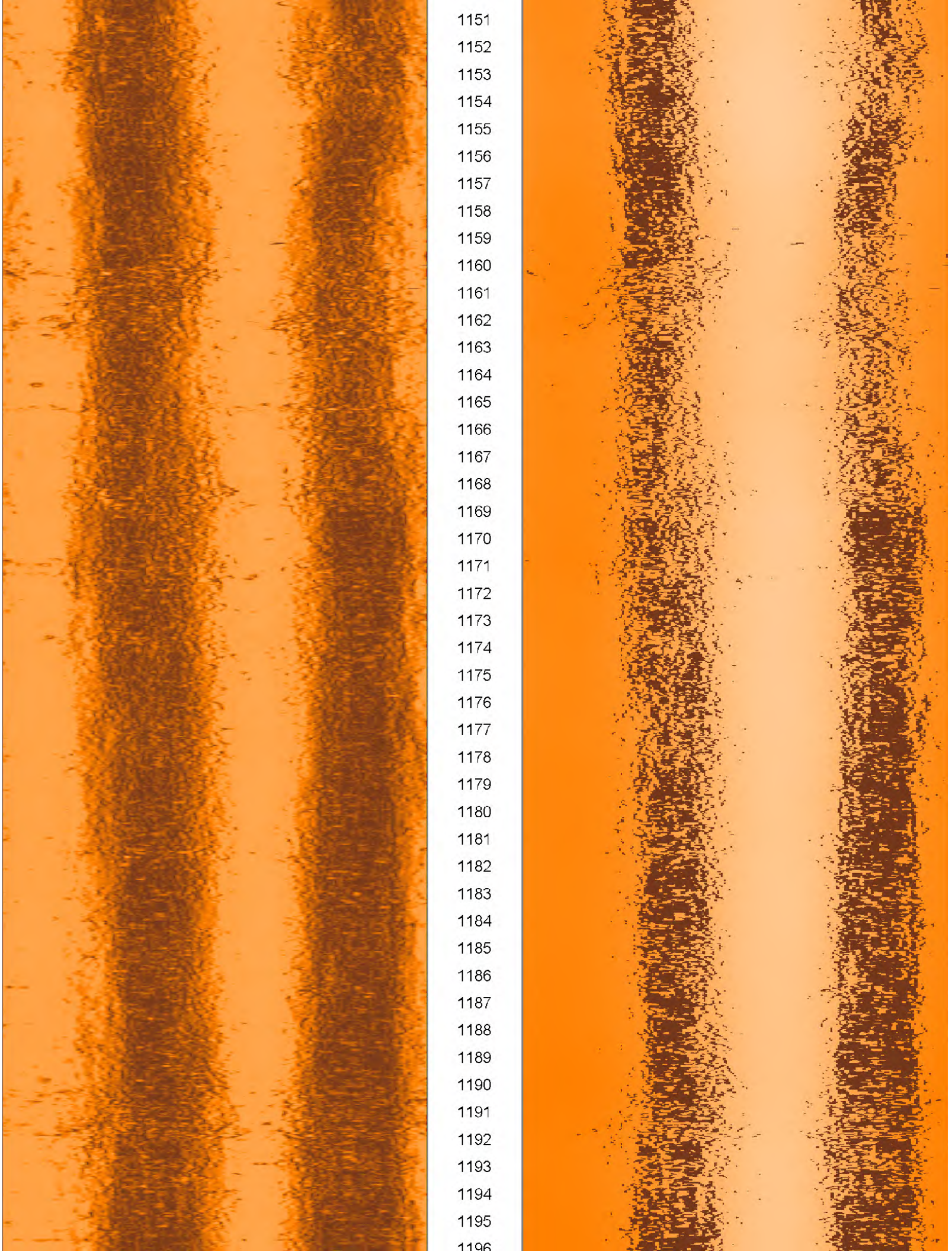
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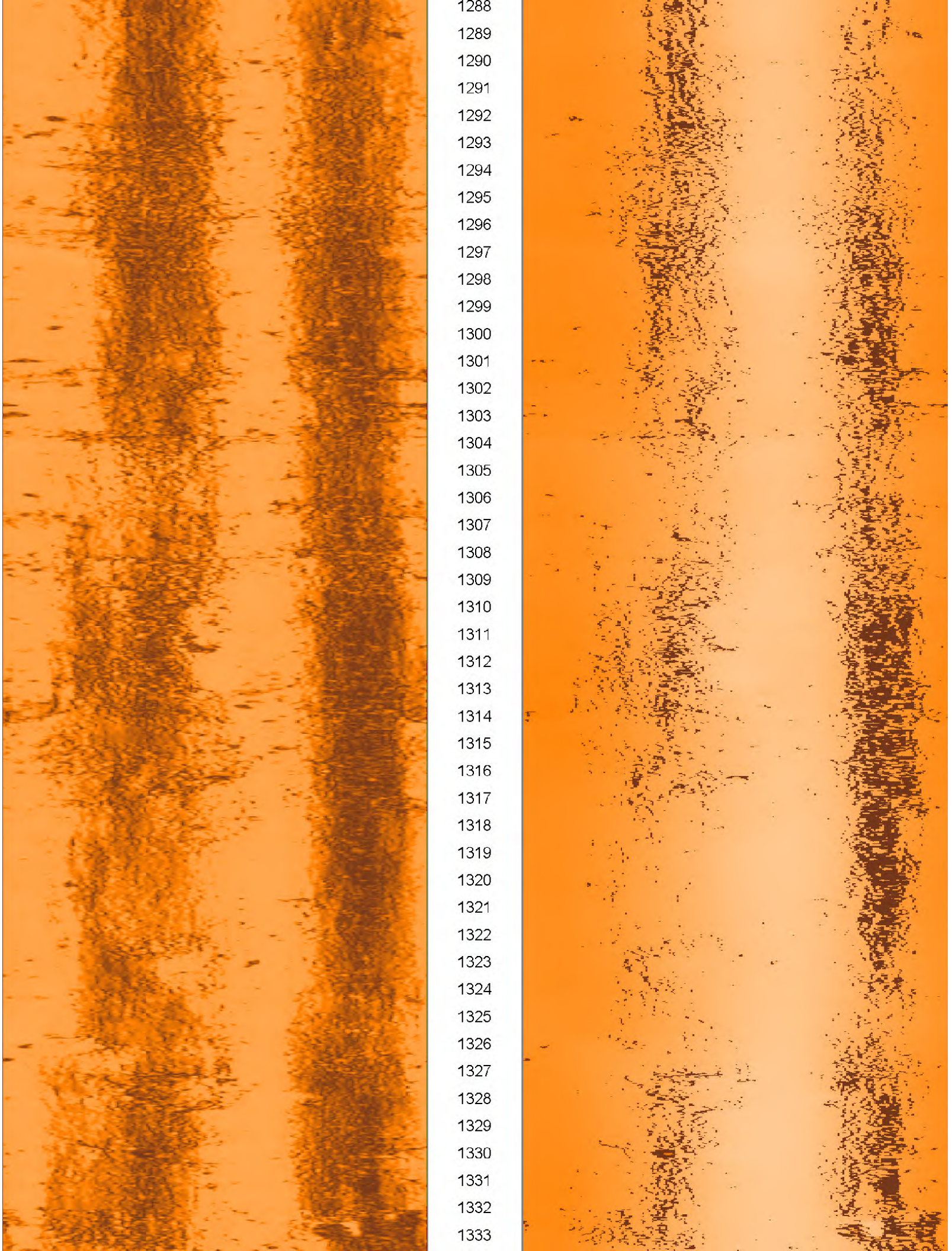
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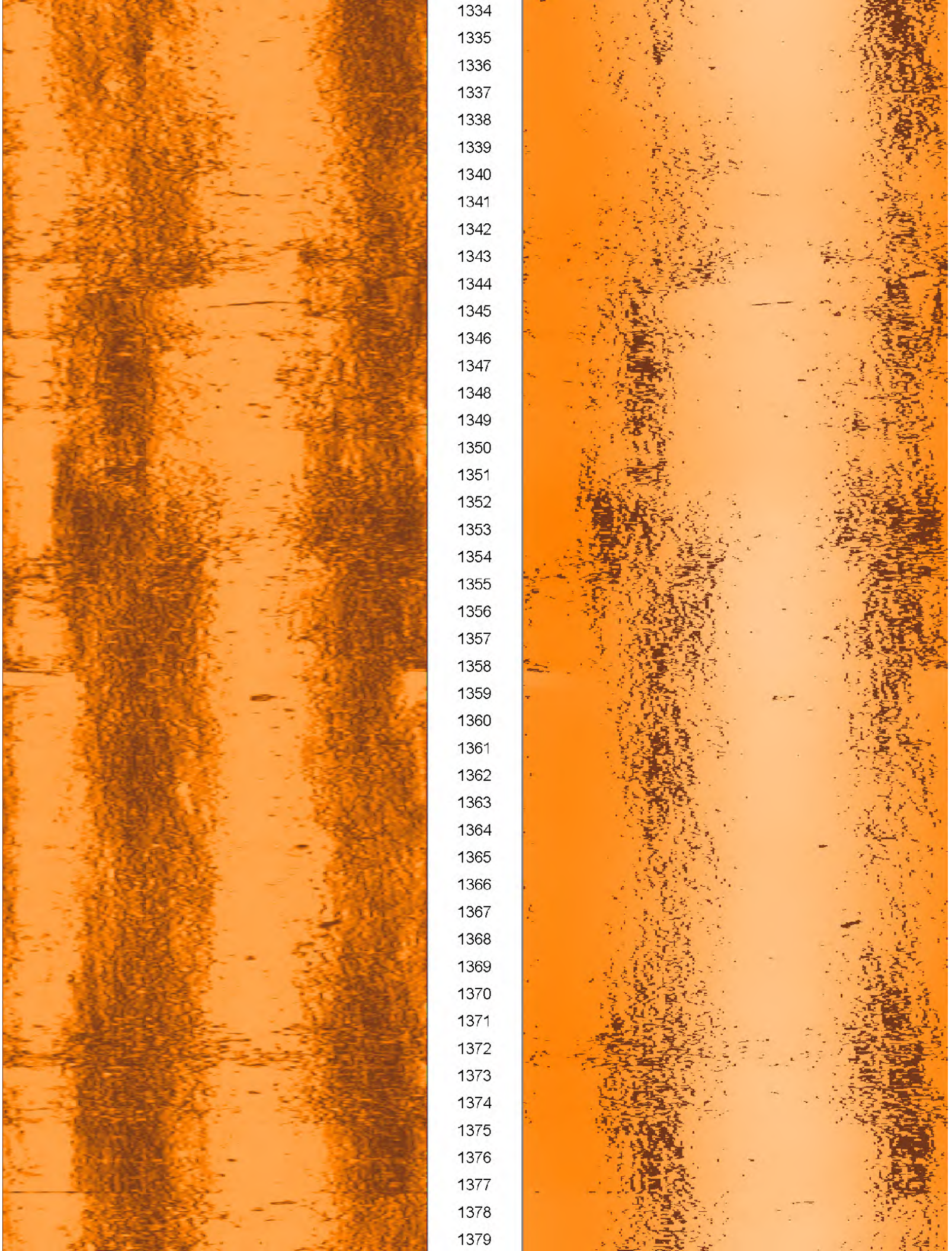
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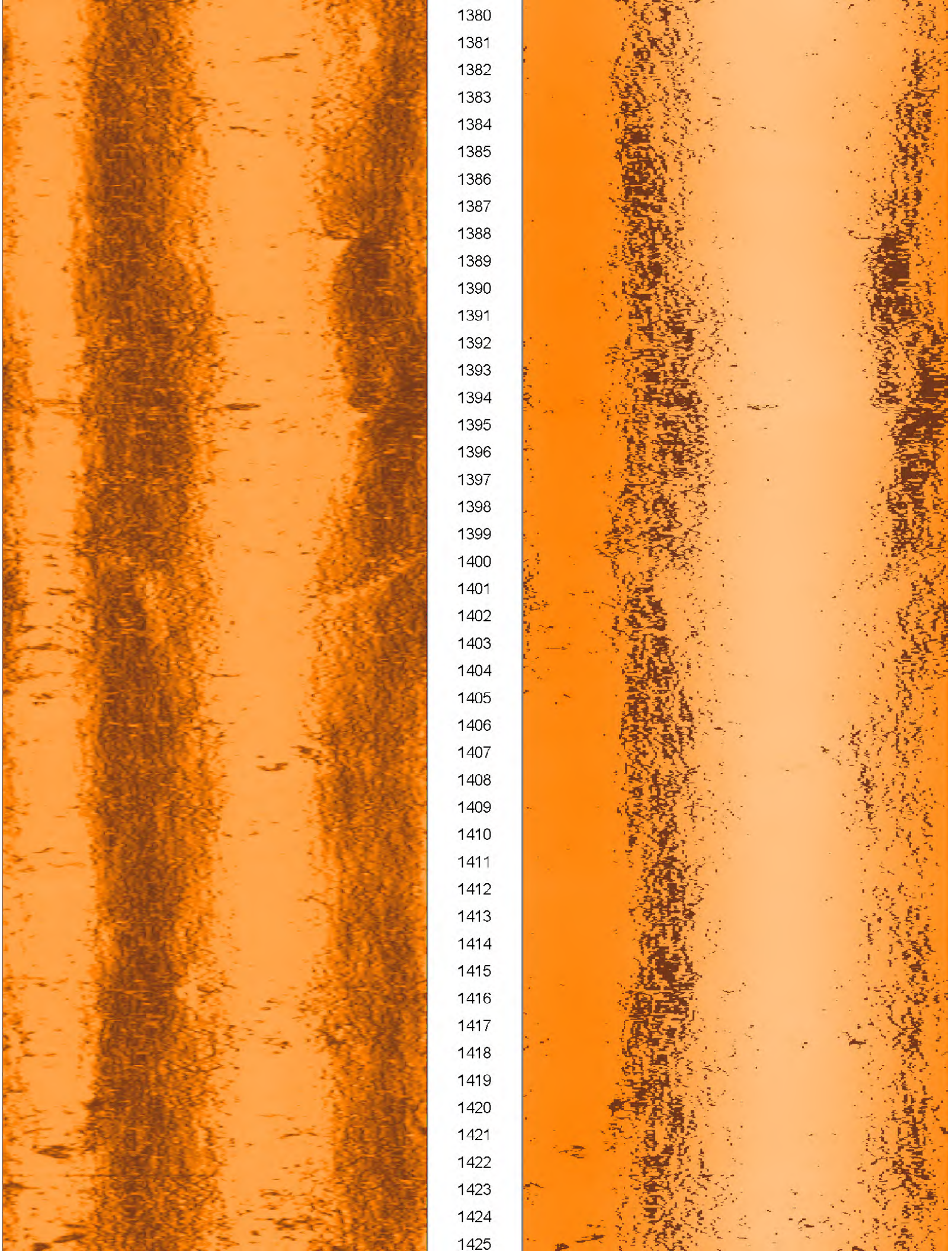
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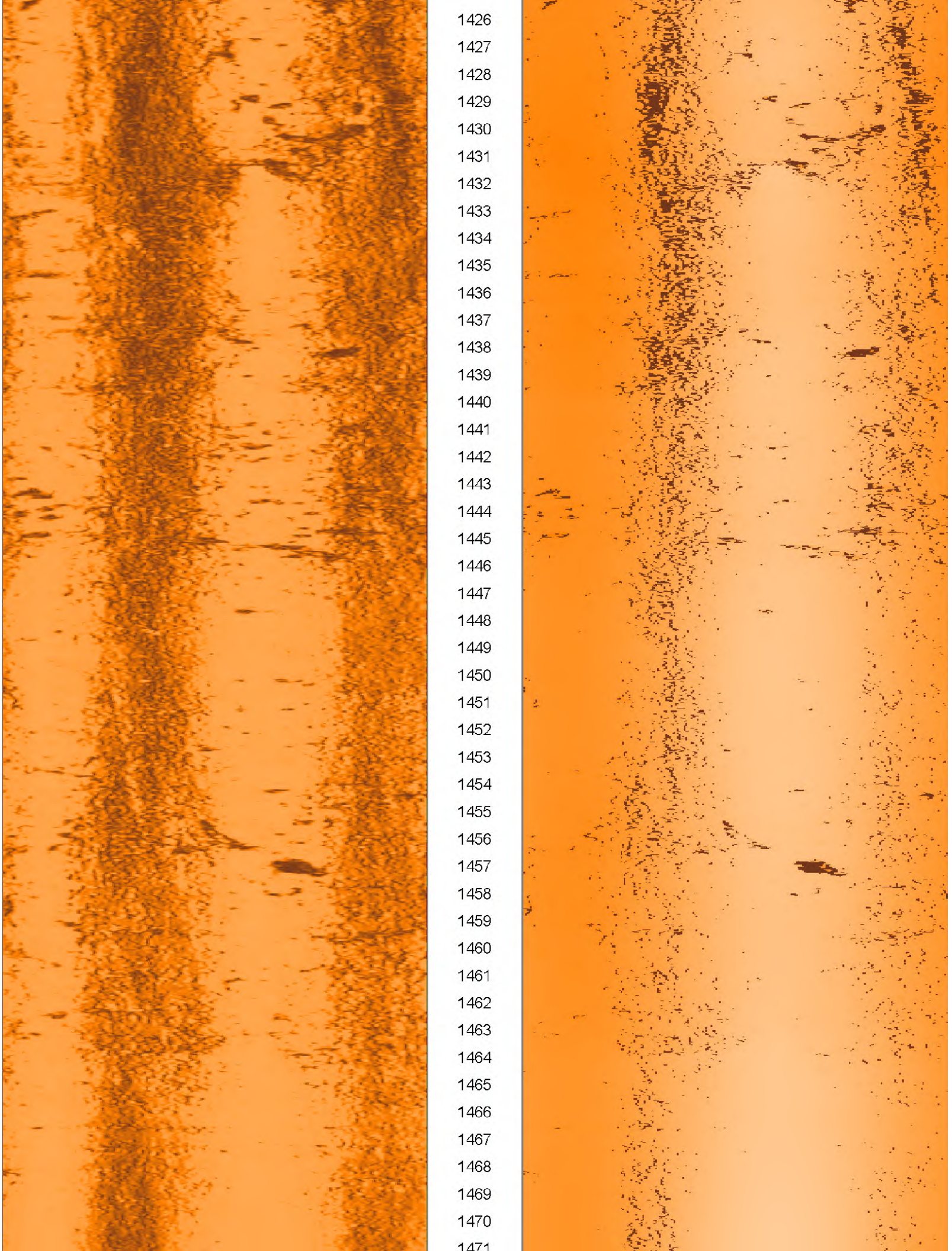
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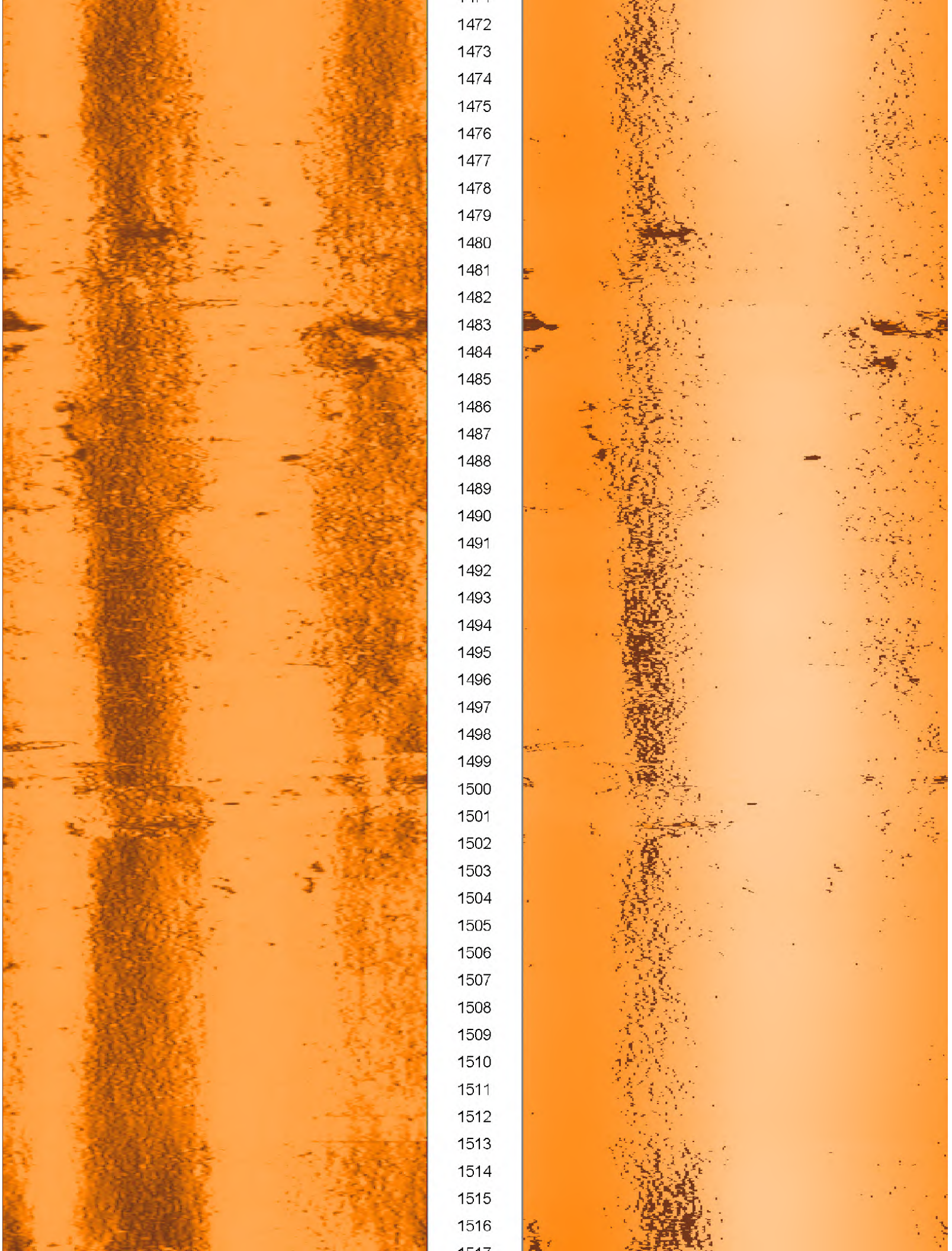
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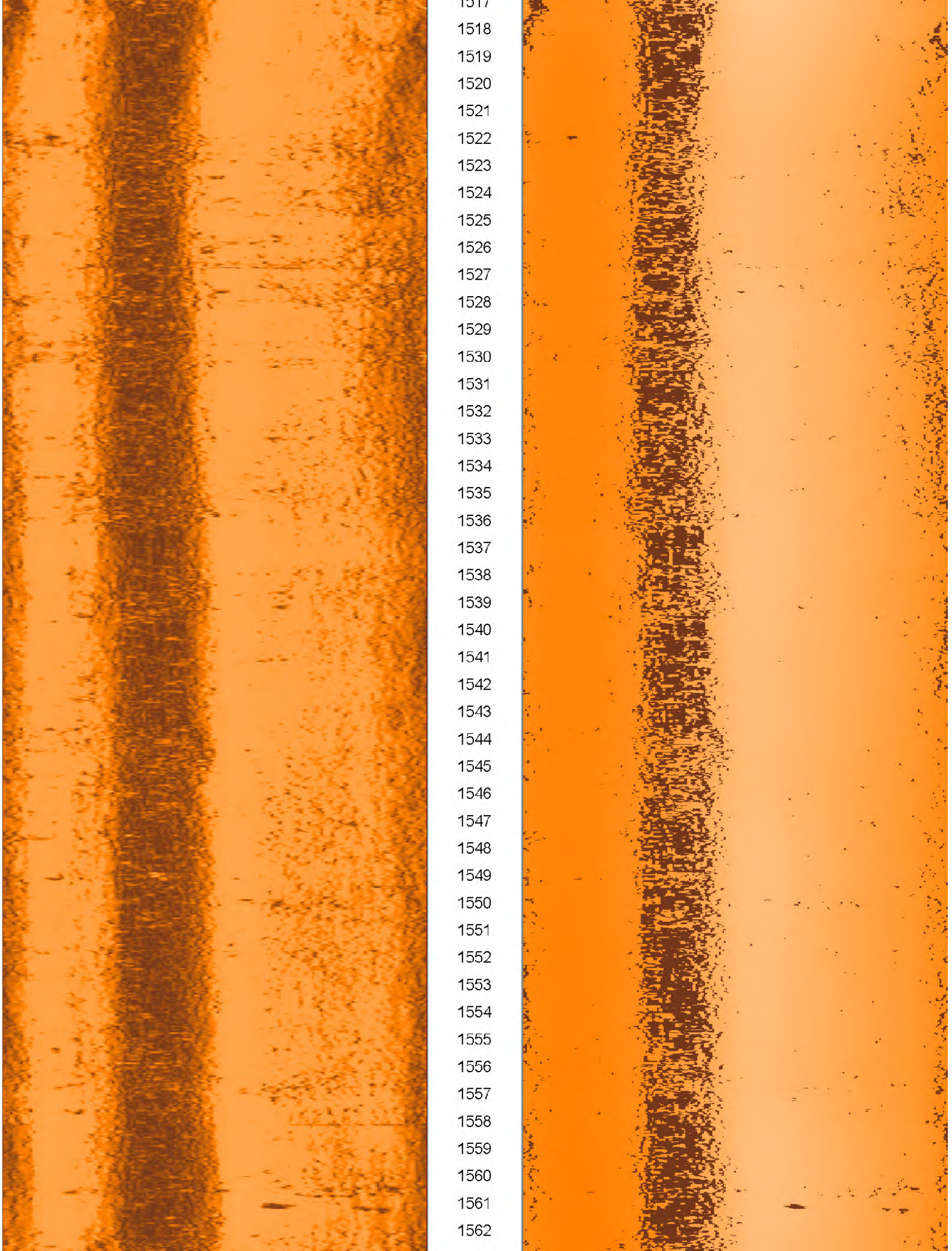
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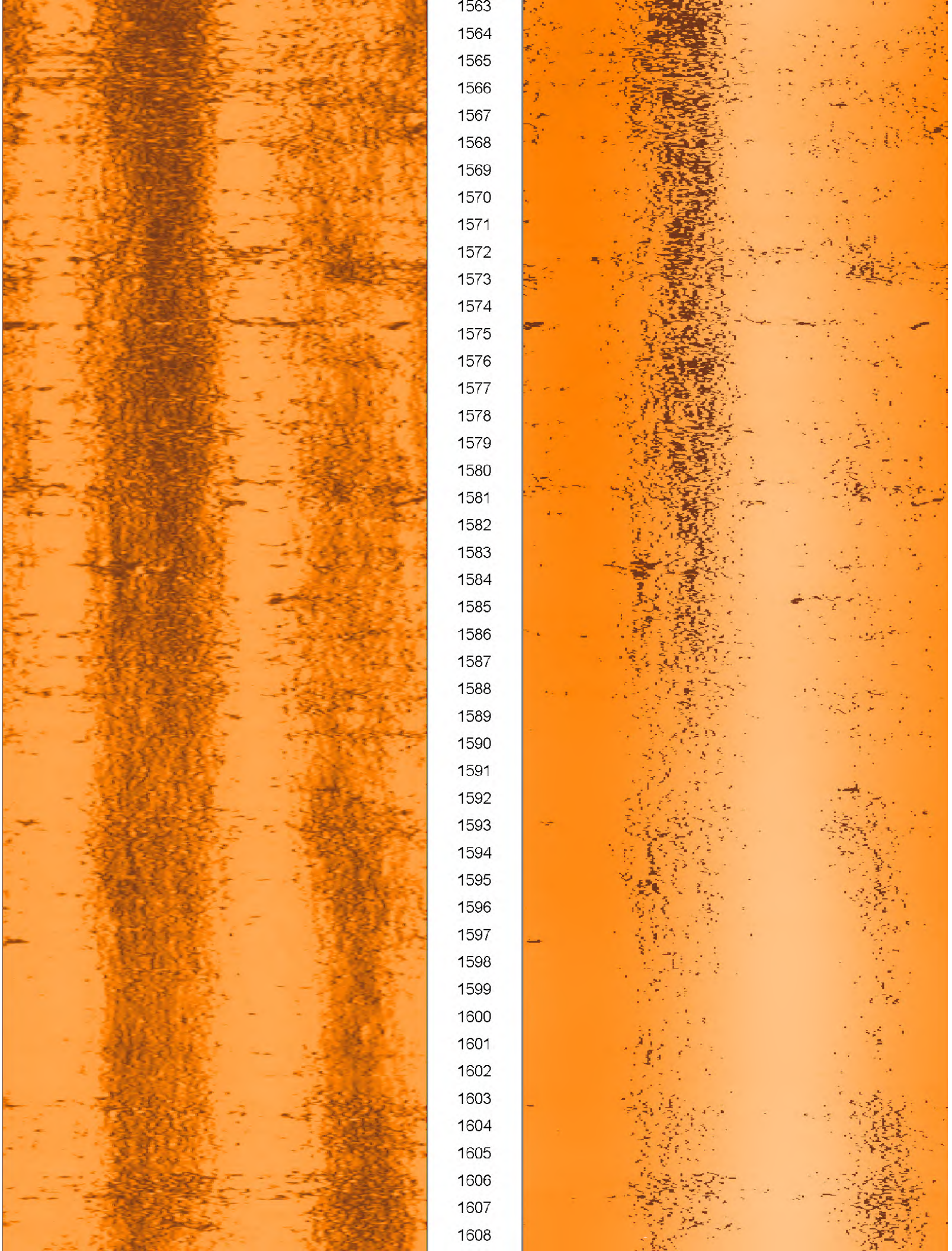
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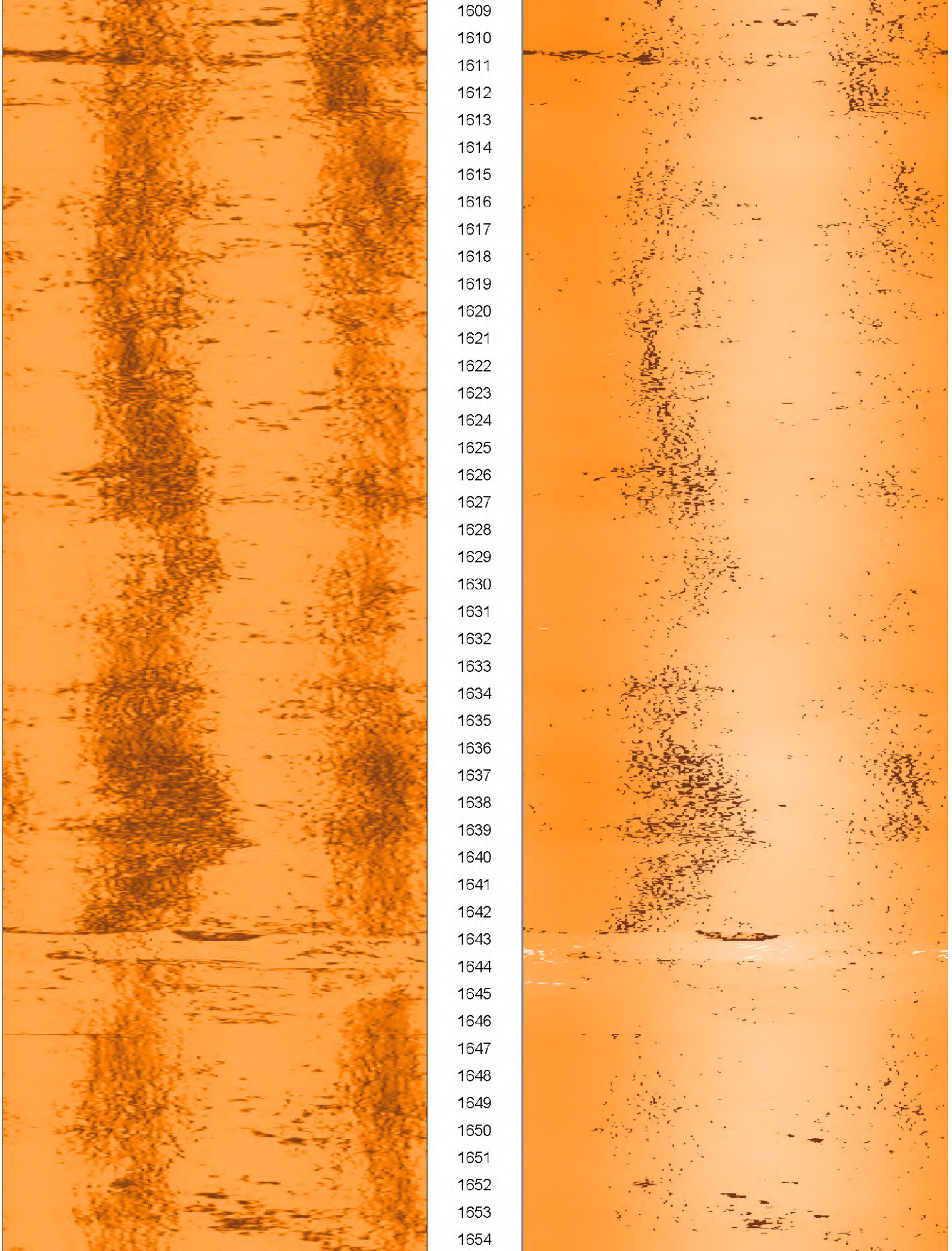
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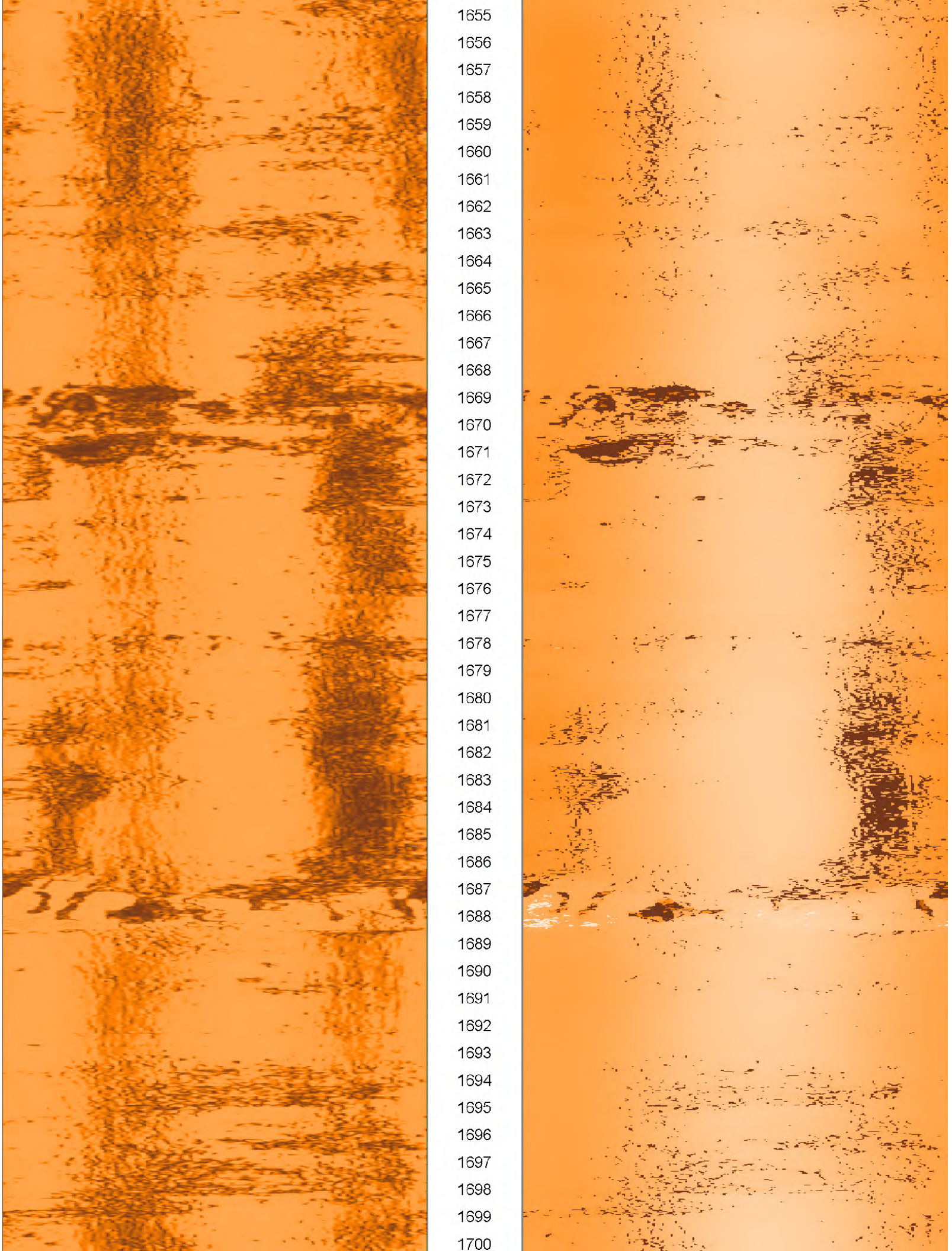
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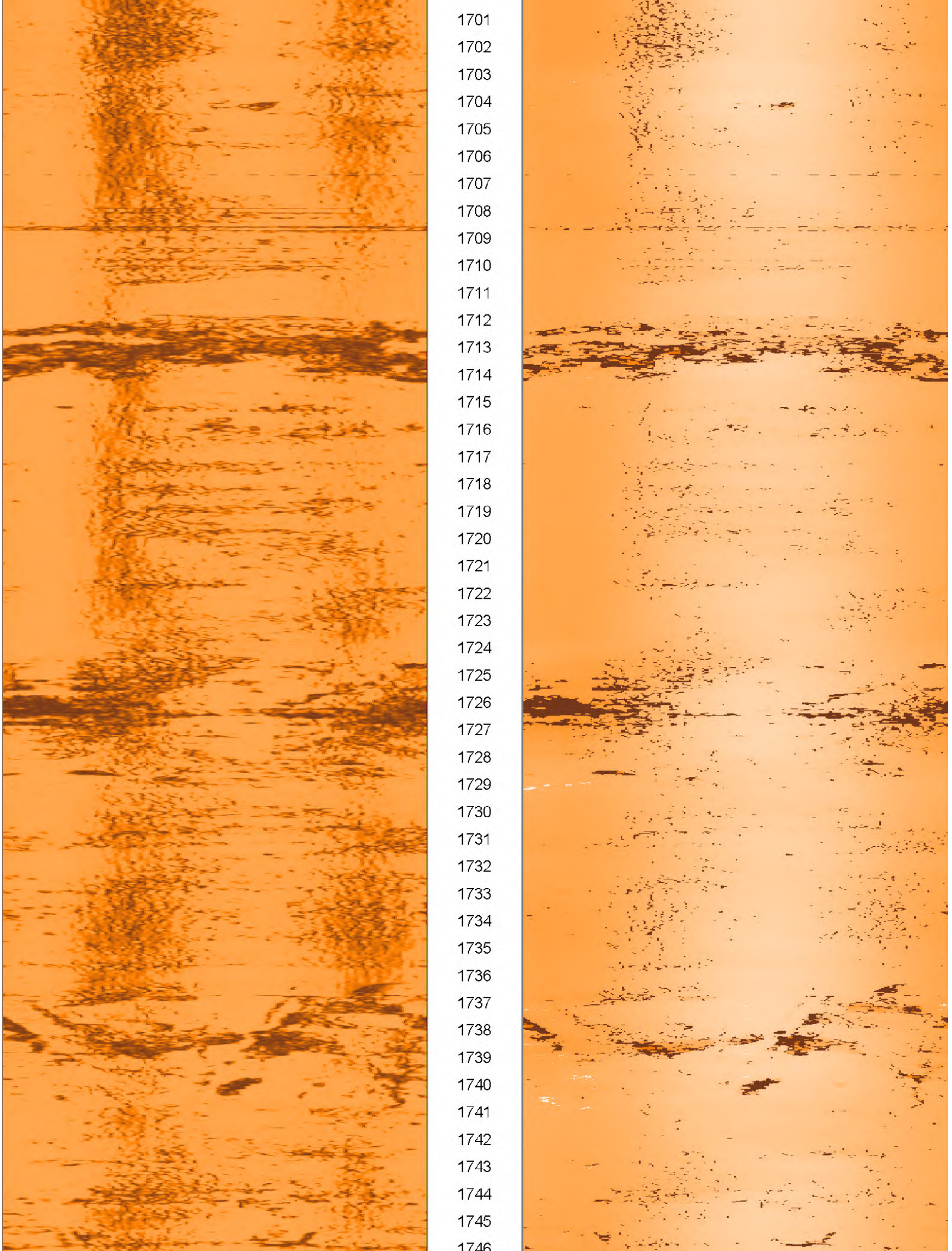
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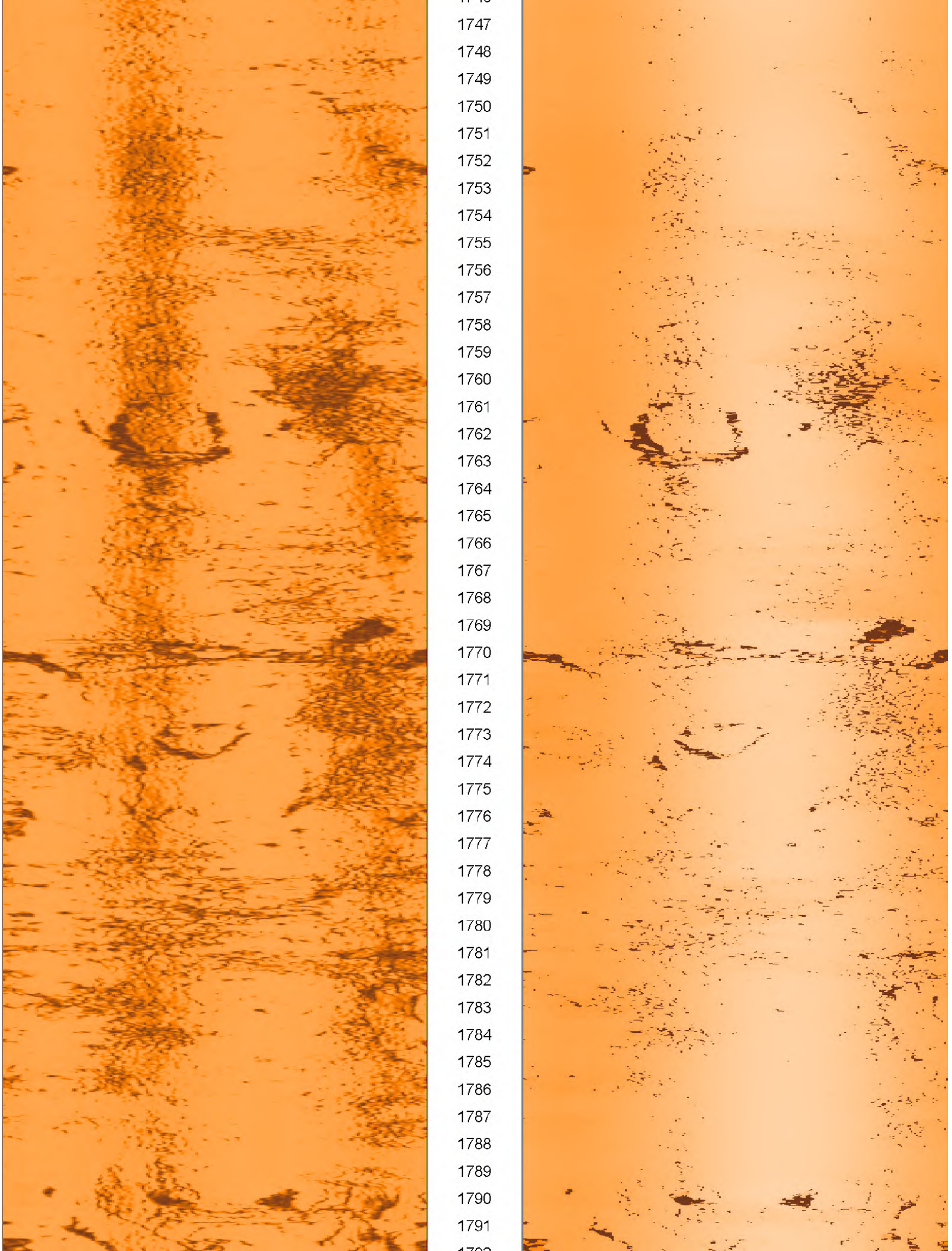
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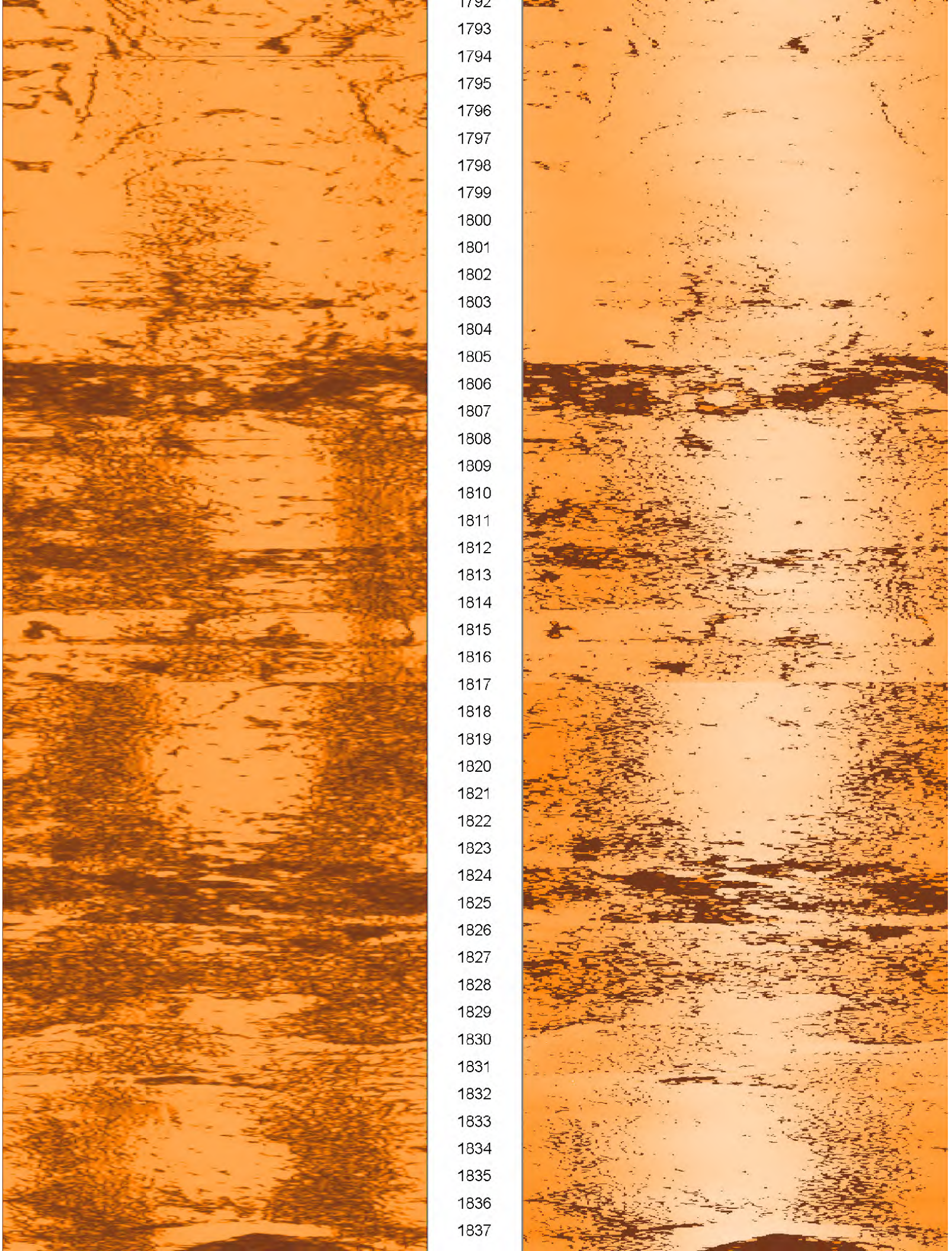
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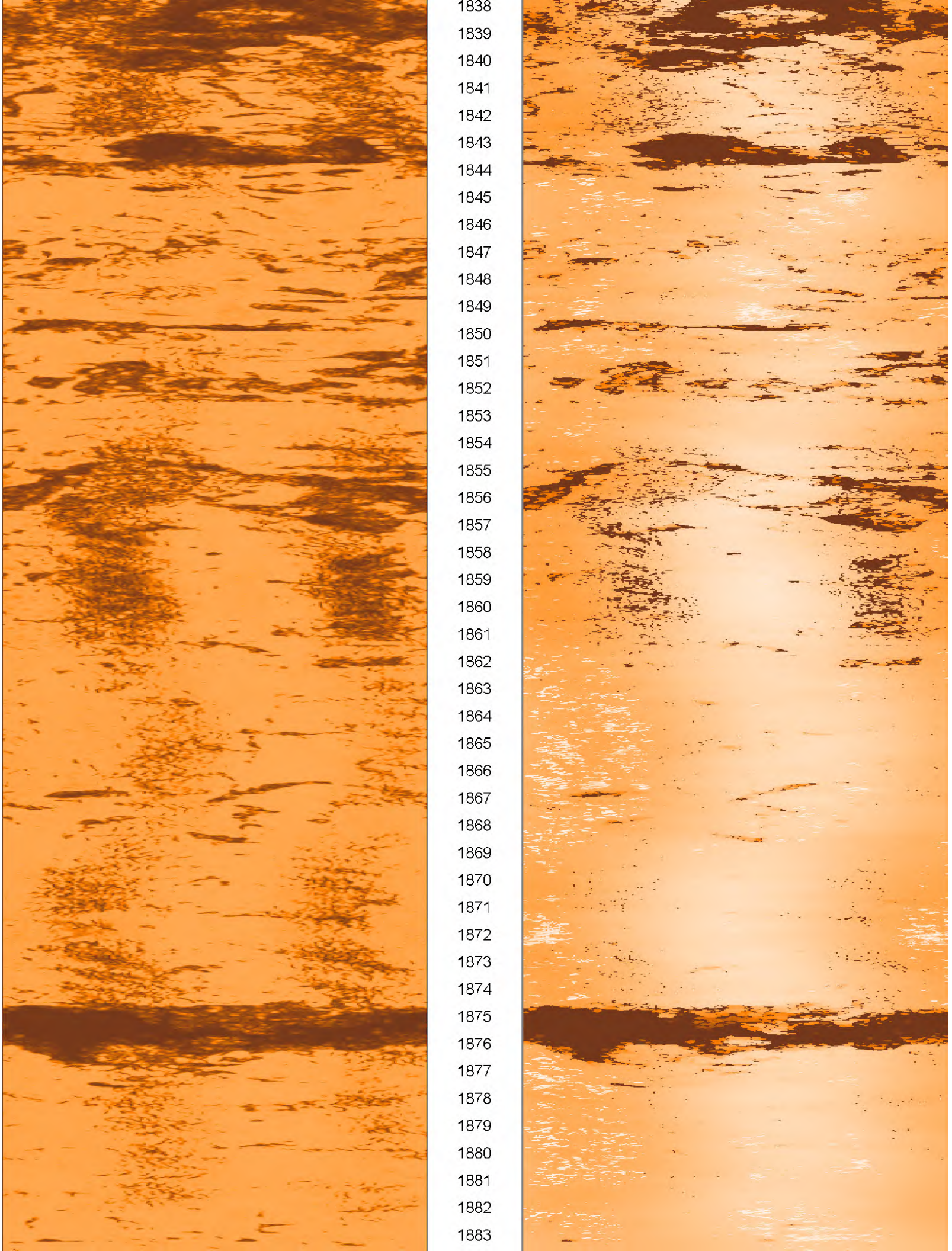


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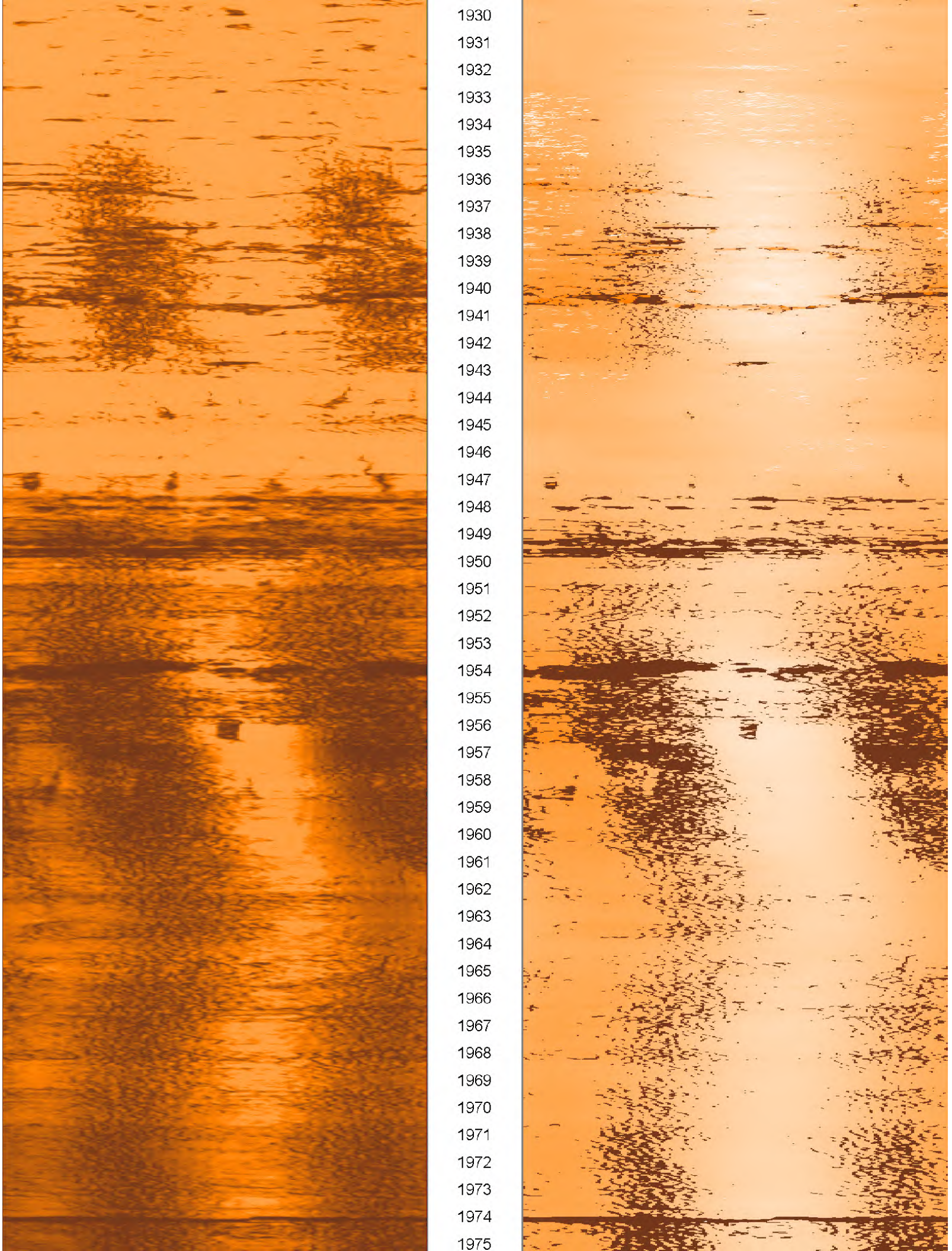
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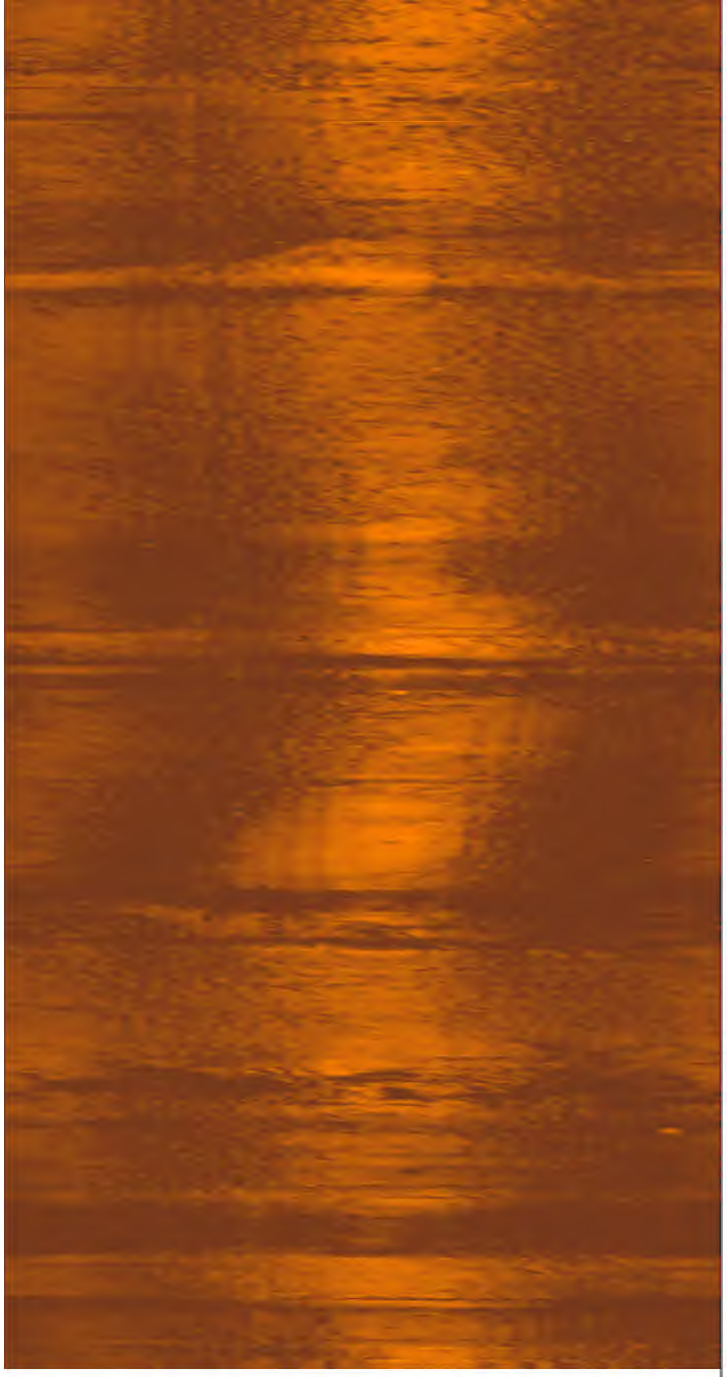

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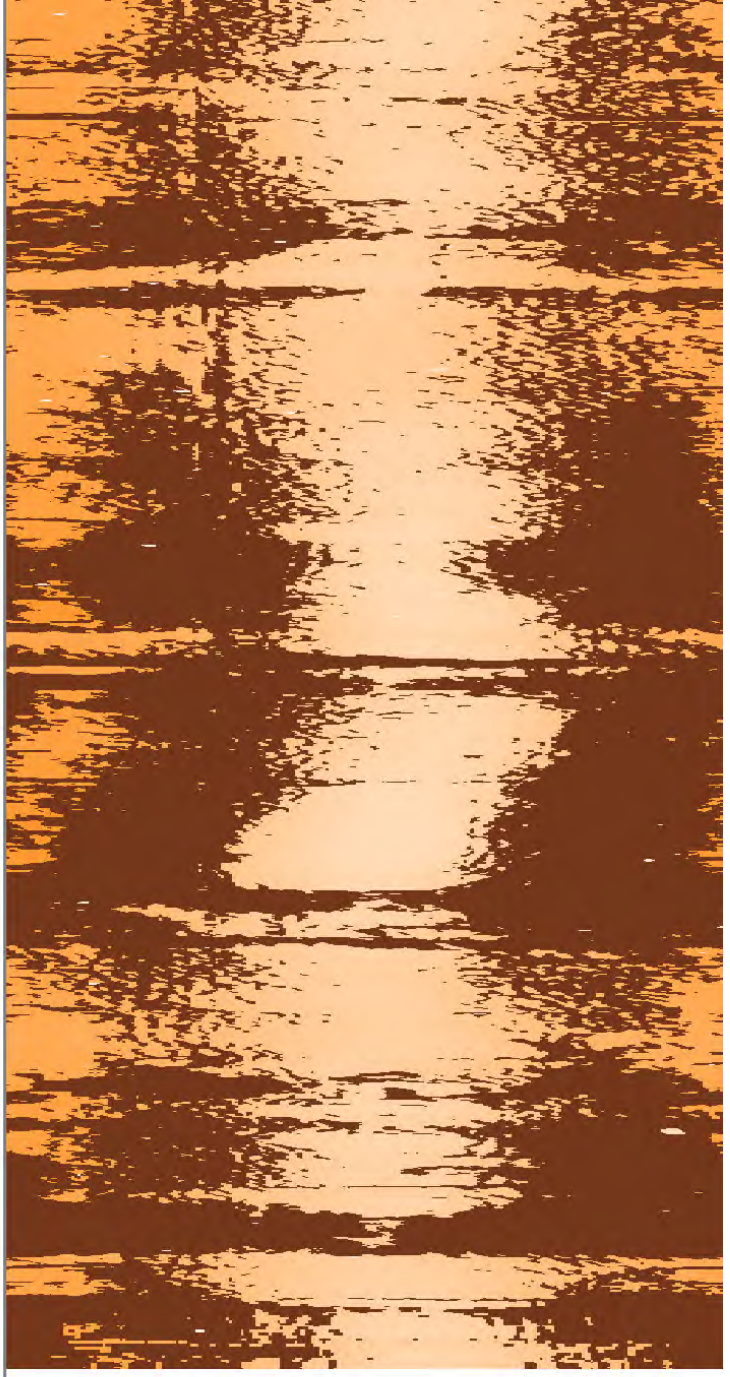


1	AMPMAP	256	1	TTMAP	256
0		3	100		375

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File:	lbelleiw1-bhtv1.db
Dataset Pathname:	pass2
Presentation Format:	mwscan2
Dataset Creation:	Mon Apr 01 23:42:32 2013 by Log SOC 110722

Charted by: Depth in Feet scaled 1:50

1	AMPMAP	256
0		3

1	TTMAP	256
100		375

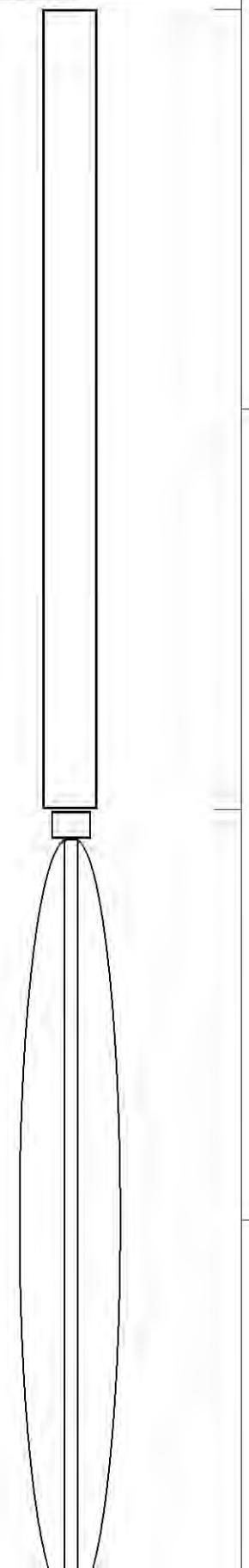
760

770

780

790

1	AMPMAP	256	1	TTMAP	256
0		3	100		375

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			MWScan-A (1) MW Scanner Tool	9.75	3.50	225.00
WvfMon	11.50					
WvfScan	11.50					
TTScan	11.50					
AmpScan	11.50					
Aux1	11.50					
RotmS	10.83					
			10Foot	10.00	3.63	100.00

LOCTIM	0.00					

Dataset: lbelleiw1-bhtv1.db: field/well/run1/pass2
Total Length: 19.75 ft
Total Weight: 325.00 lb
O.D. 3.63 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION LL3 with SP LOG

Company	CITY OF LaBELLE
Well	IW-1
Field	W.T.P No.2
County	HENDRY
State	FLORIDA

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY State FLORIDA

Location: API #:

SEC TWP RGE

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

Other Services: SEE COMMENTS

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

Date	1-APRIL-2013	
Run Number	FIVE	
Depth Driller	2010'	
Depth Logger	2017'	
Bottom Logged Interval	2017'	
Top Log Interval	CASING	
Open Hole Size	12.25'	
Type Fluid	MUD	
Density / Viscosity	NA	
Max. Recorded Temp.	97.7 degF	
Estimated Cement Top	NA	
Time Well Ready	0500	
Time Logger on Bottom	0600	
Equipment Number	103	
Location	FT MYERS	
Recorded By	GARCIA	MOREY
Witnessed By	A. McTHENIA	

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75'	CASING	900'				
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
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

FLUID RESISTIVITY TEMPERATURE
BOREHOLE SONIC
FLOWMETER
BOREHOLE TELEVIEWER
XY CALIPER/ GAMMA RAY
VIDEO SURVEY

YOUNGQUIST BROTHERS, Inc

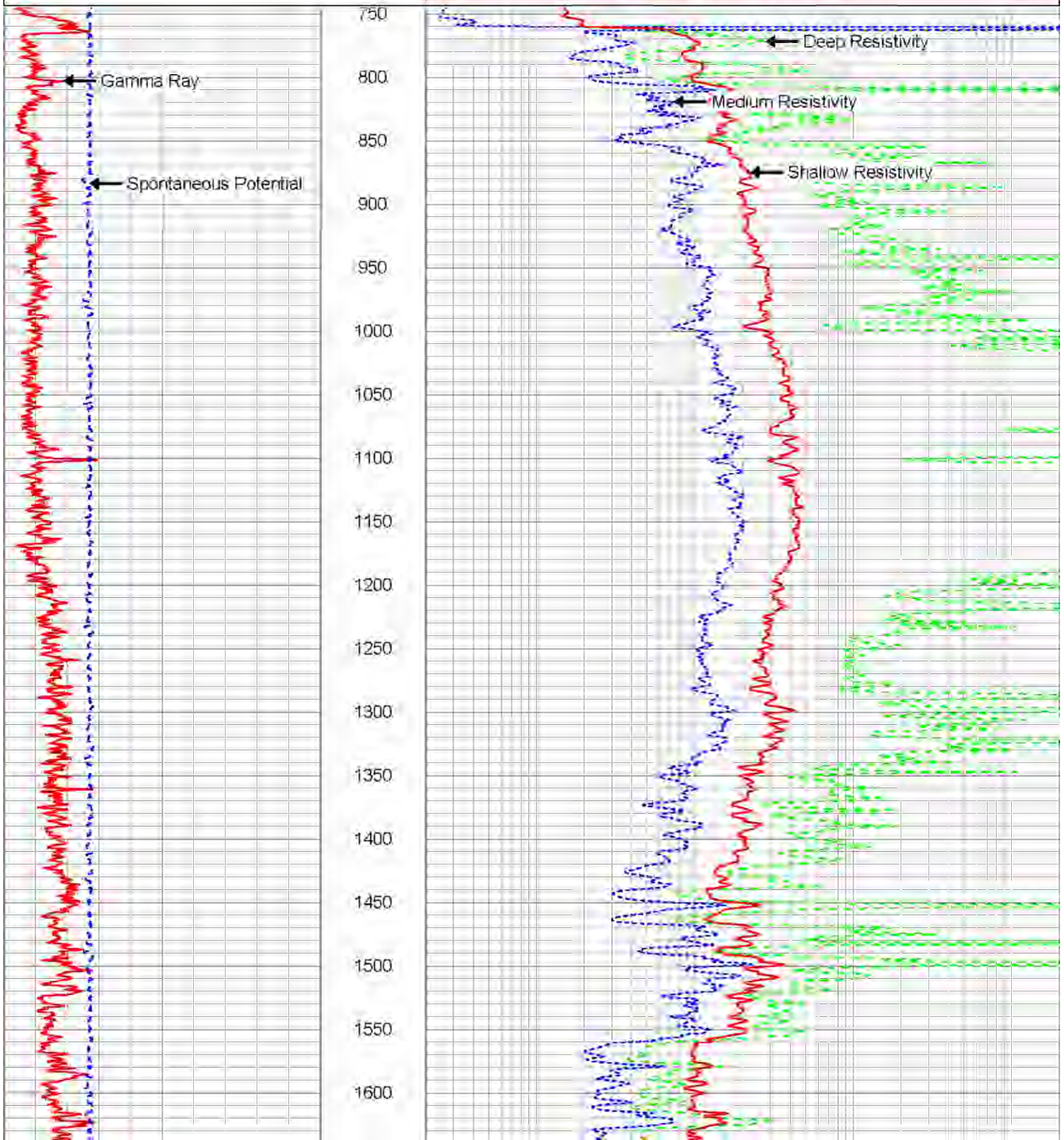
MAIN PASS

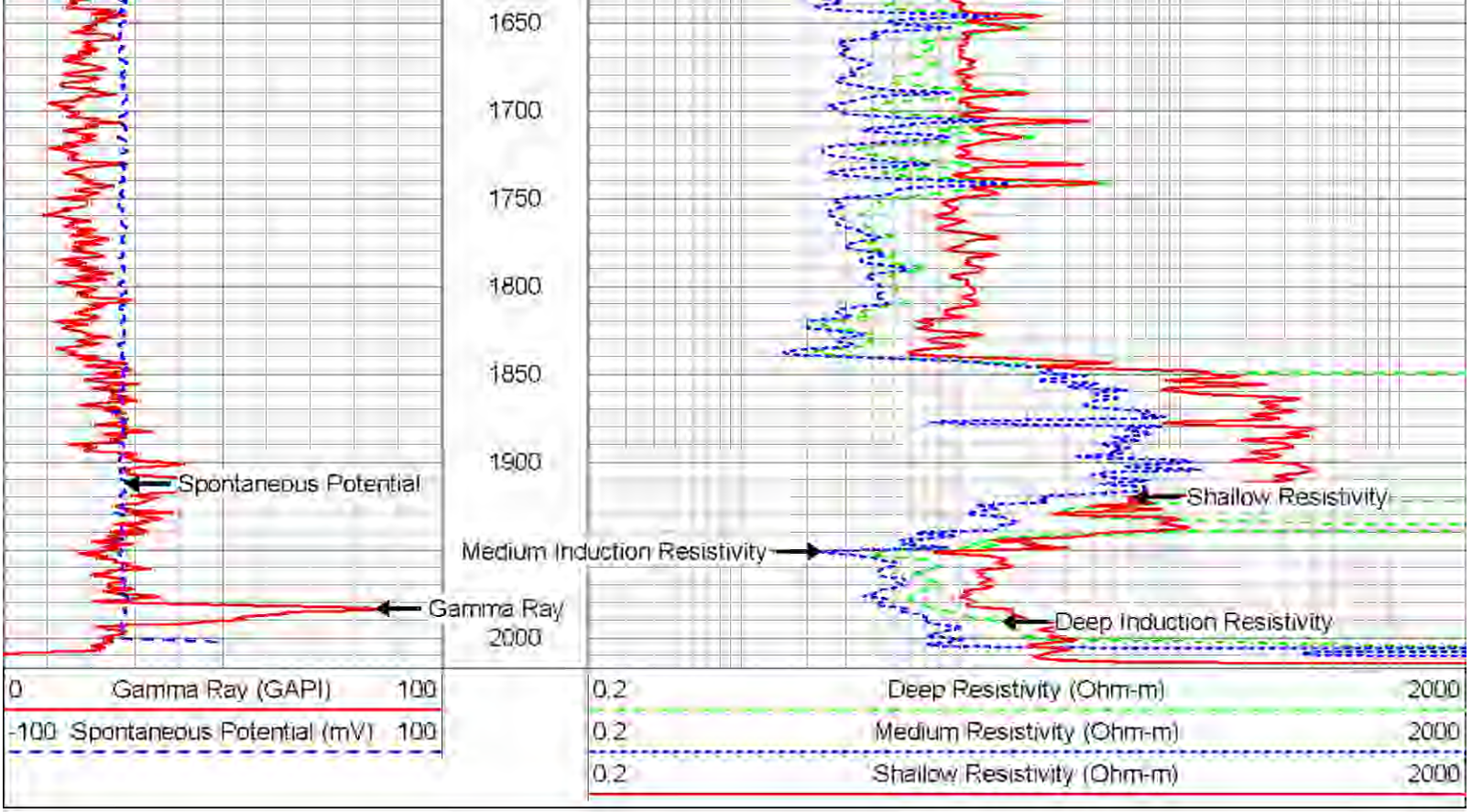
GEOPHYSICAL LOGGING DIVISION

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass5
Presentation Format:	dil
Dataset Creation:	Mon Apr 01 09:17:40 2013 by Log-SOC 110722
Charted by:	Depth in Feet scaled 1:1200

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000



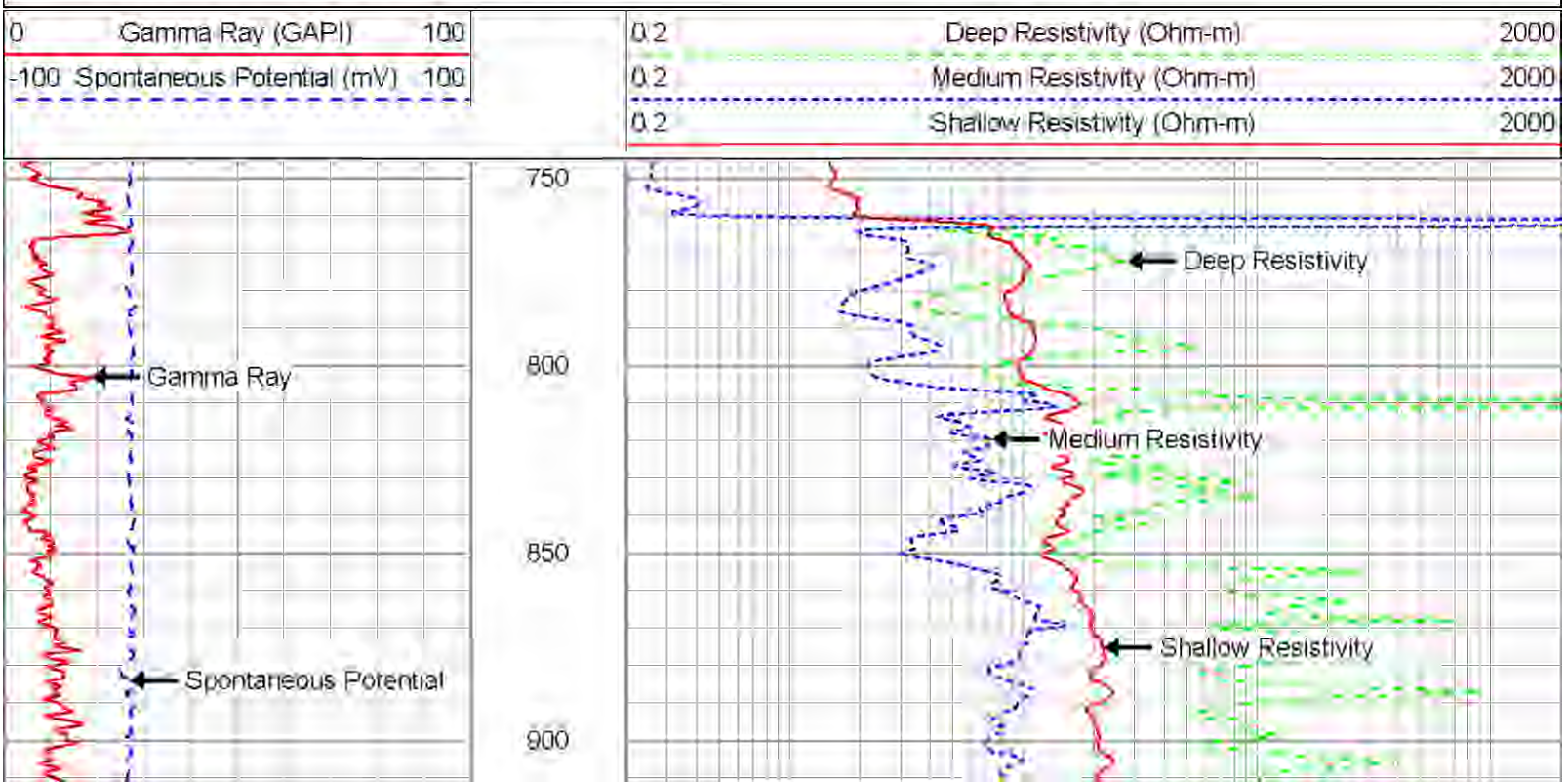


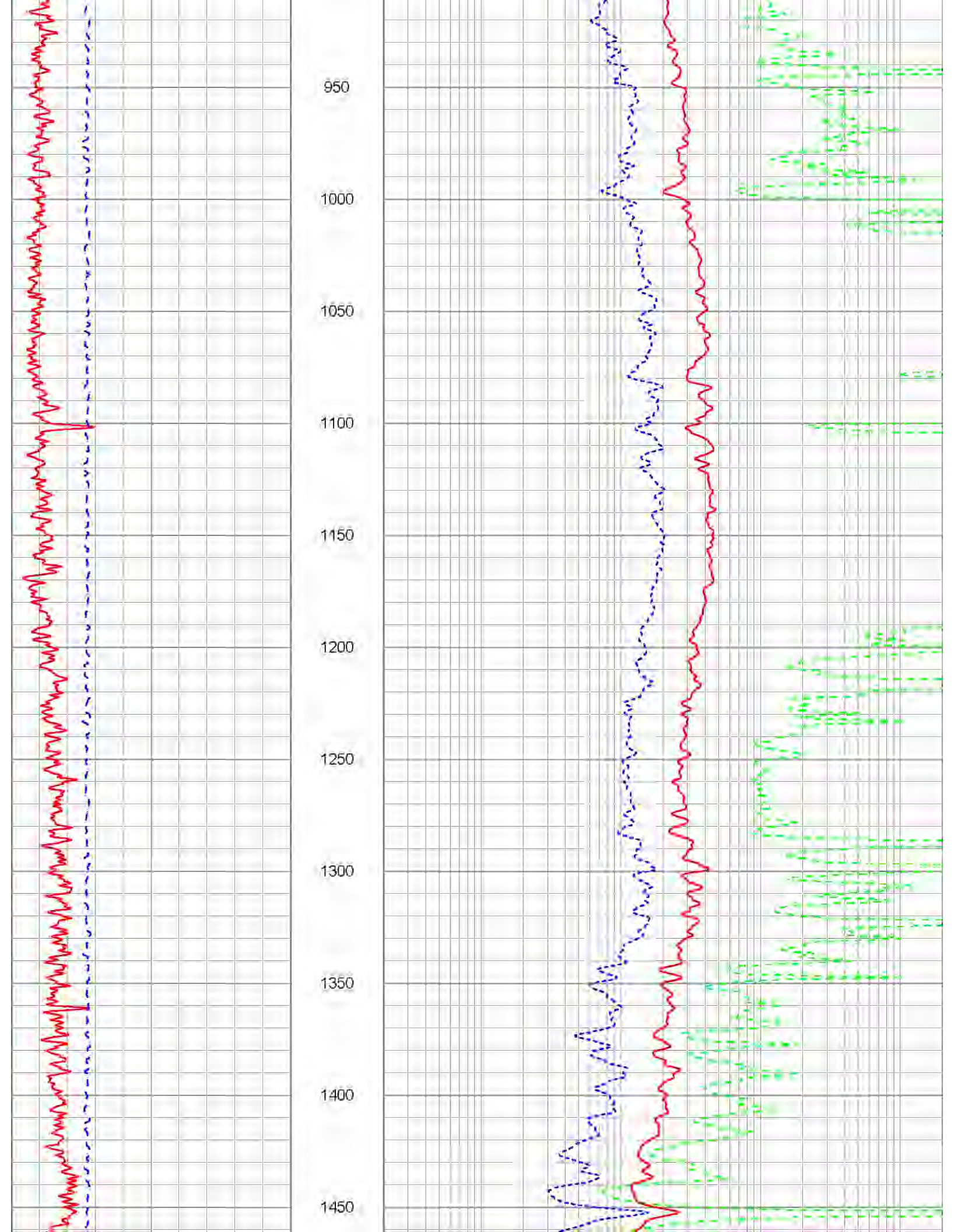
YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass5
Presentation Format:	dil
Dataset Creation:	Mon Apr 01 09:17:40 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600




950
1000
1050
1100
1150
1200
1250
1300
1350
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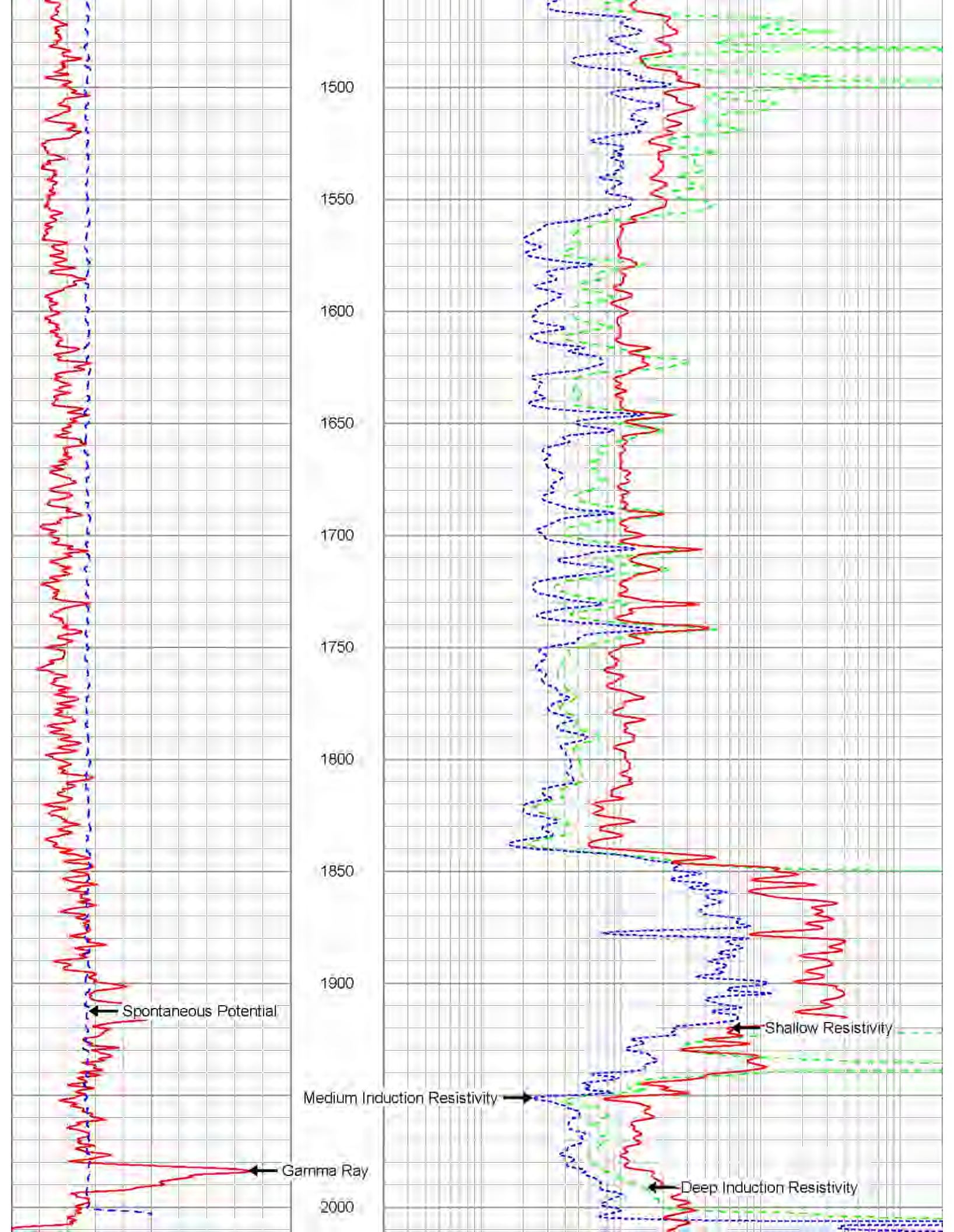

1500
1550
1600
1650
1700
1750
1800
1850
1900
2000
Spontaneous Potential
Gamma Ray
Shallow Resistivity
Medium Induction Resistivity
Deep Induction Resistivity

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

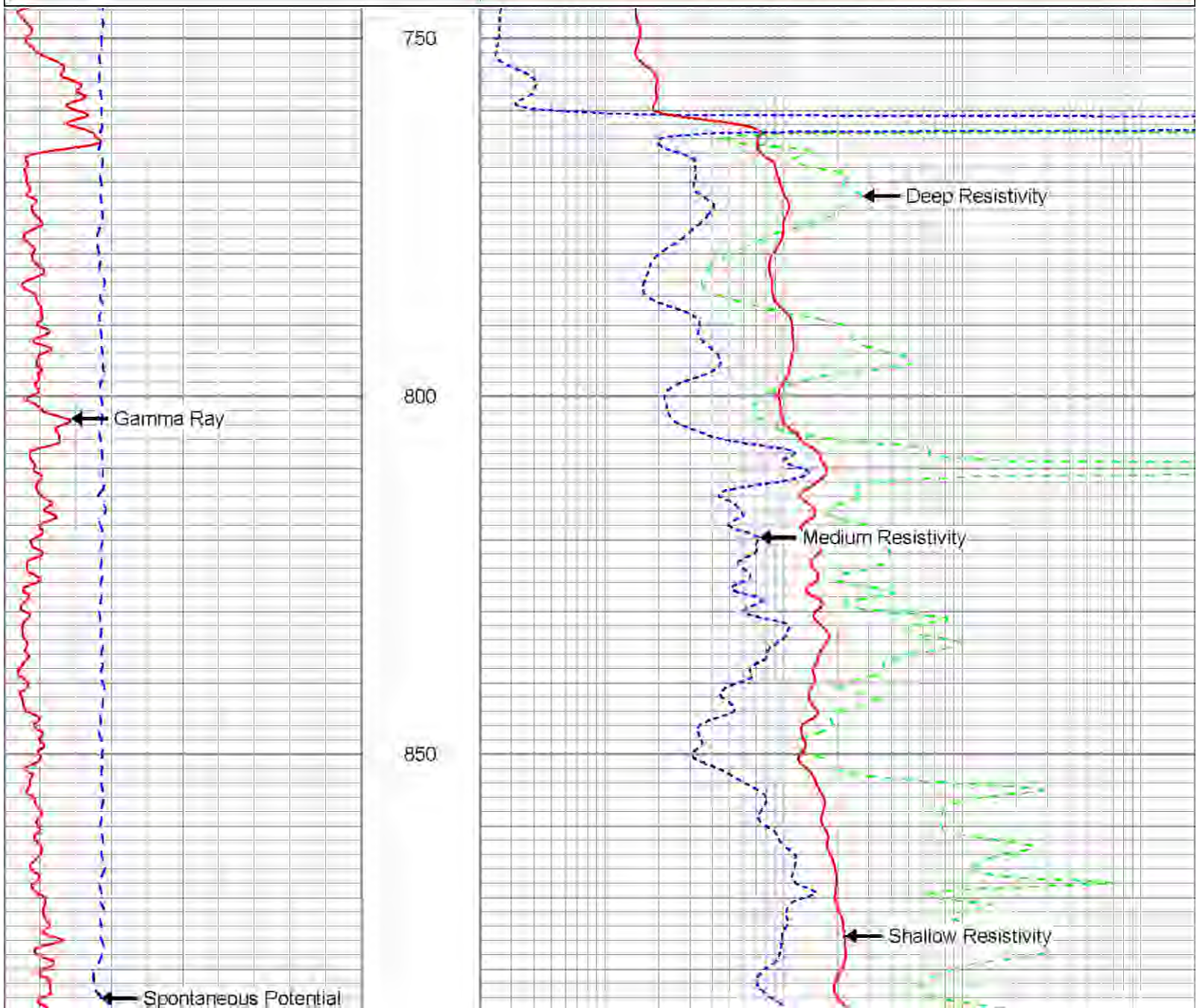
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

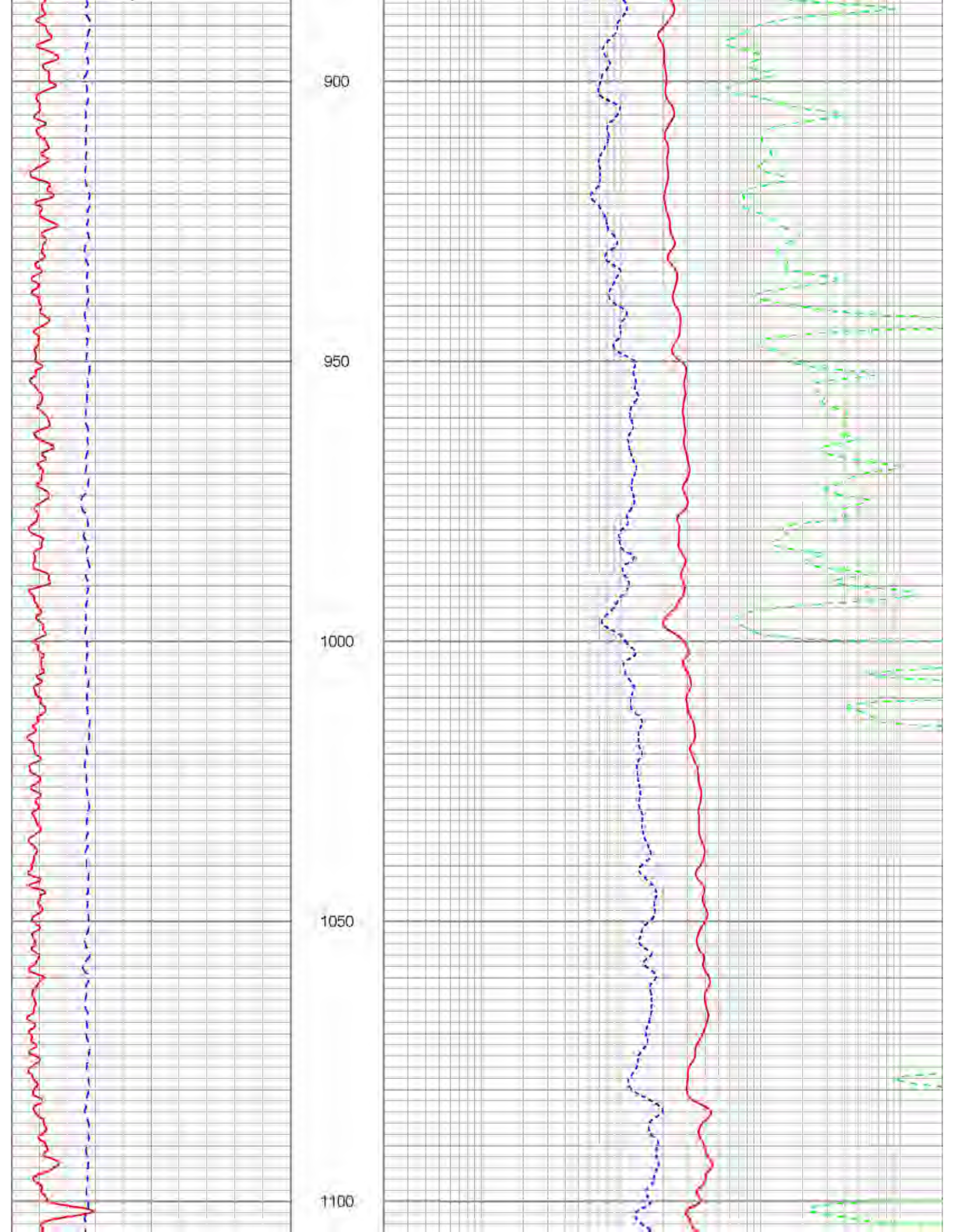
MAIN PASS

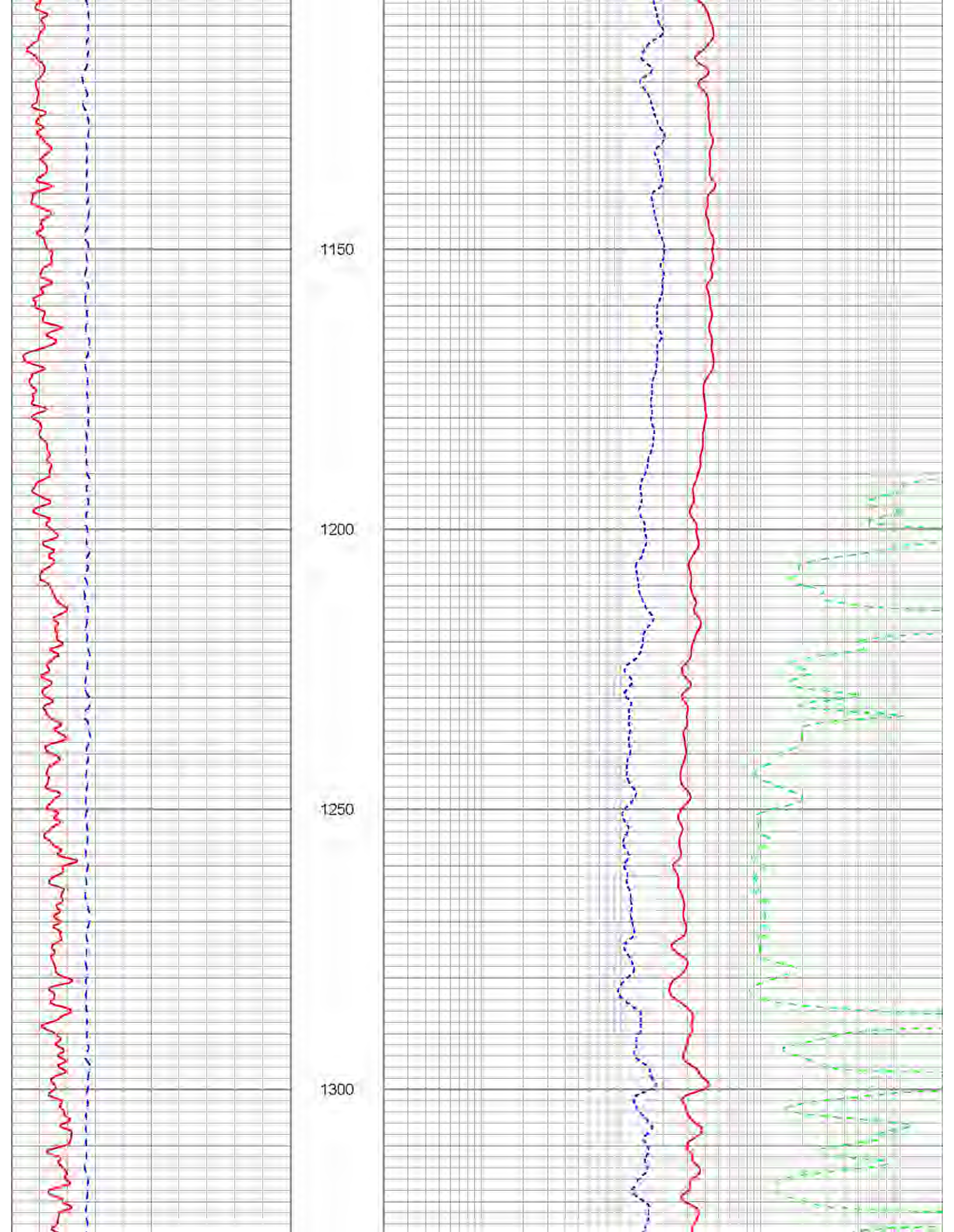
Database File:	labelleiw1.db
Dataset Pathname:	run5/pass5
Presentation Format:	dil
Dataset Creation:	Mon Apr 01 09:17:40 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

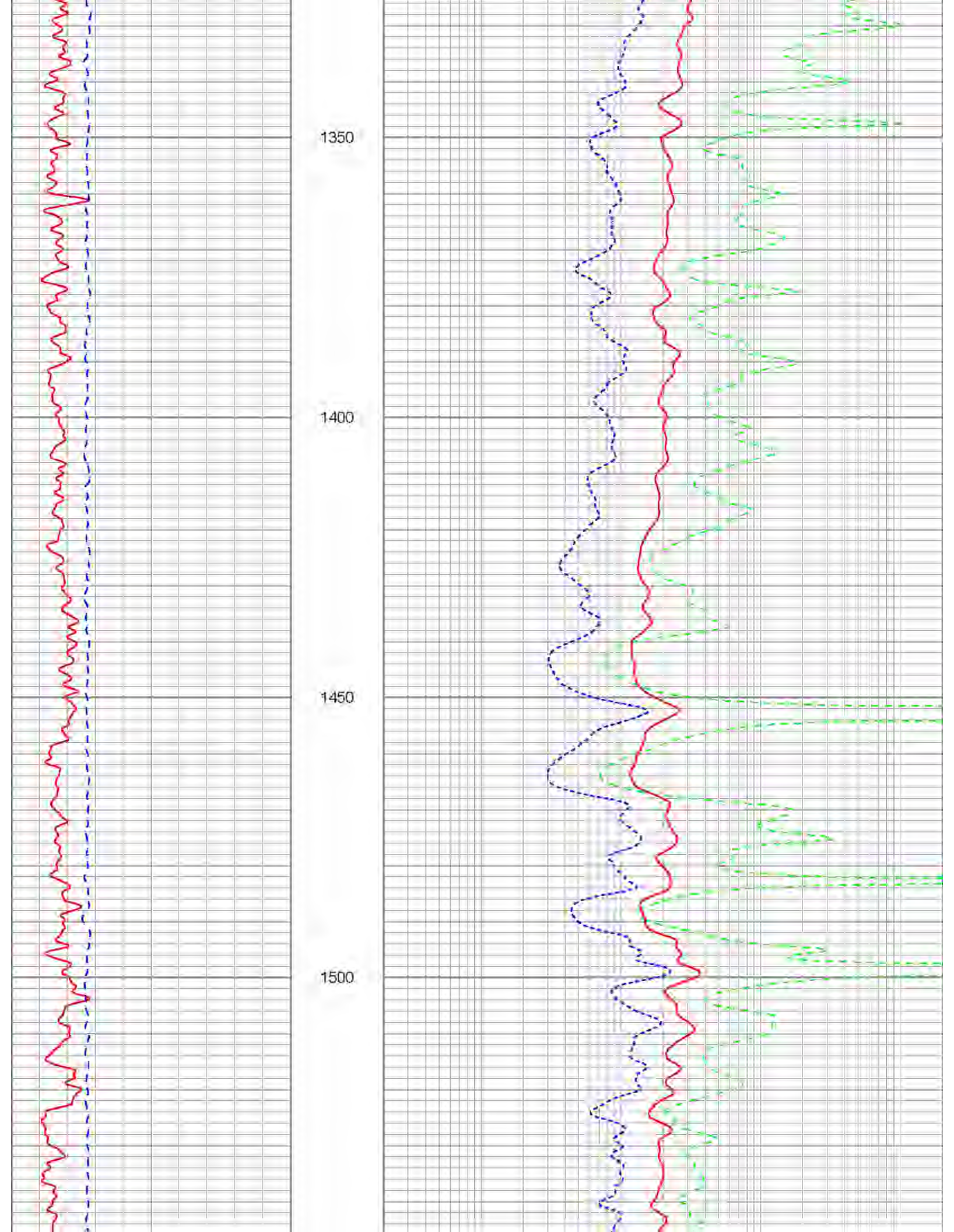
0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

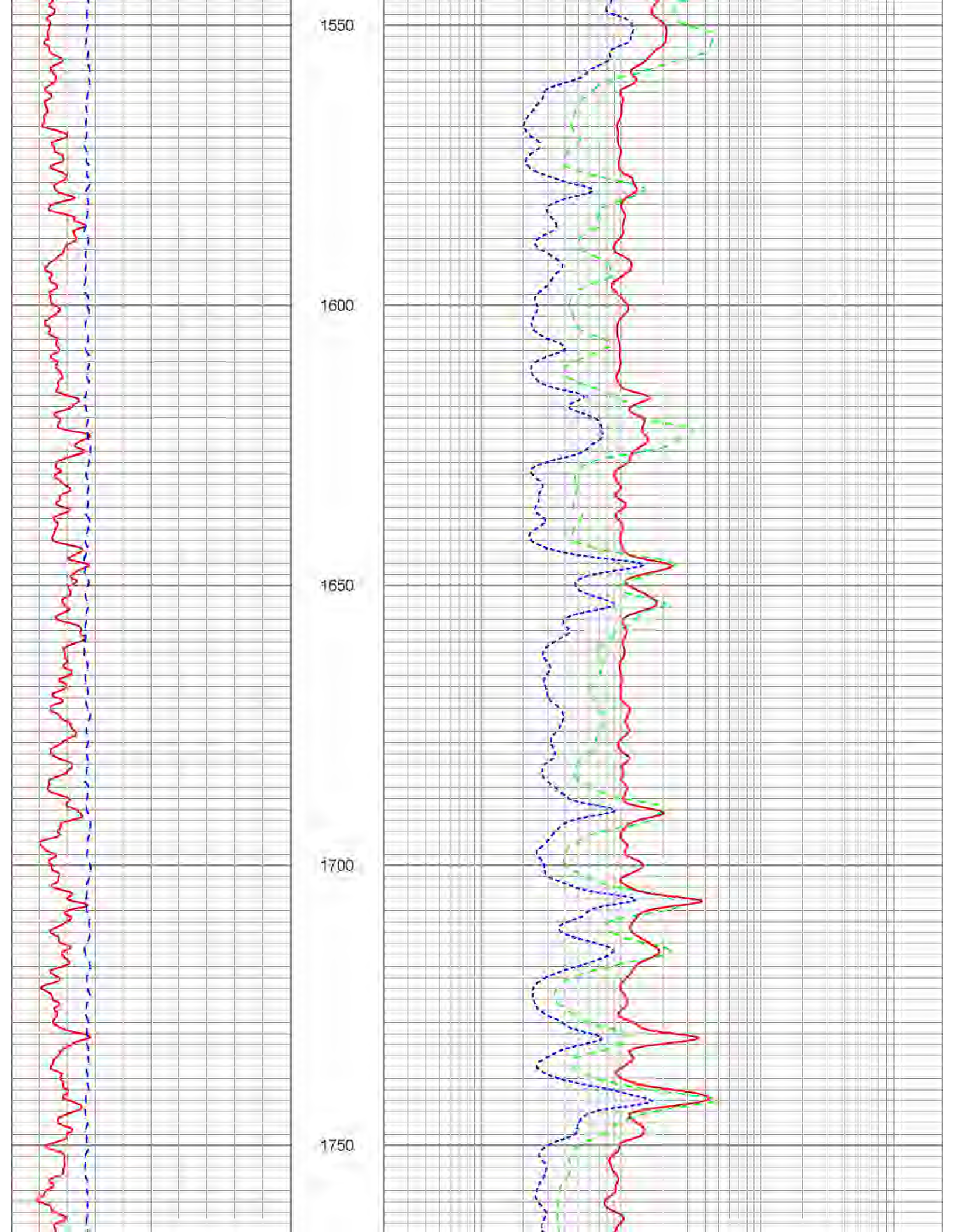
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

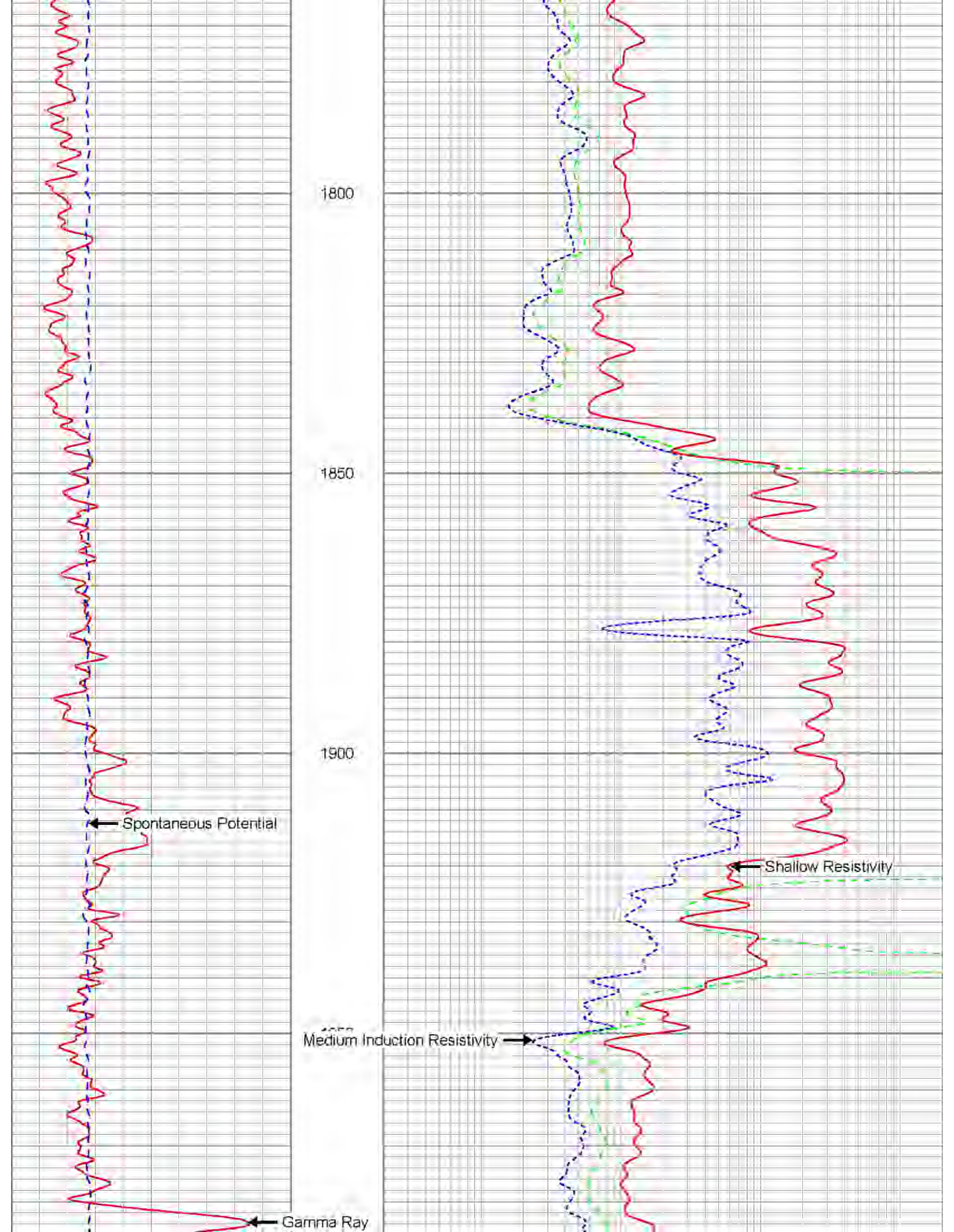


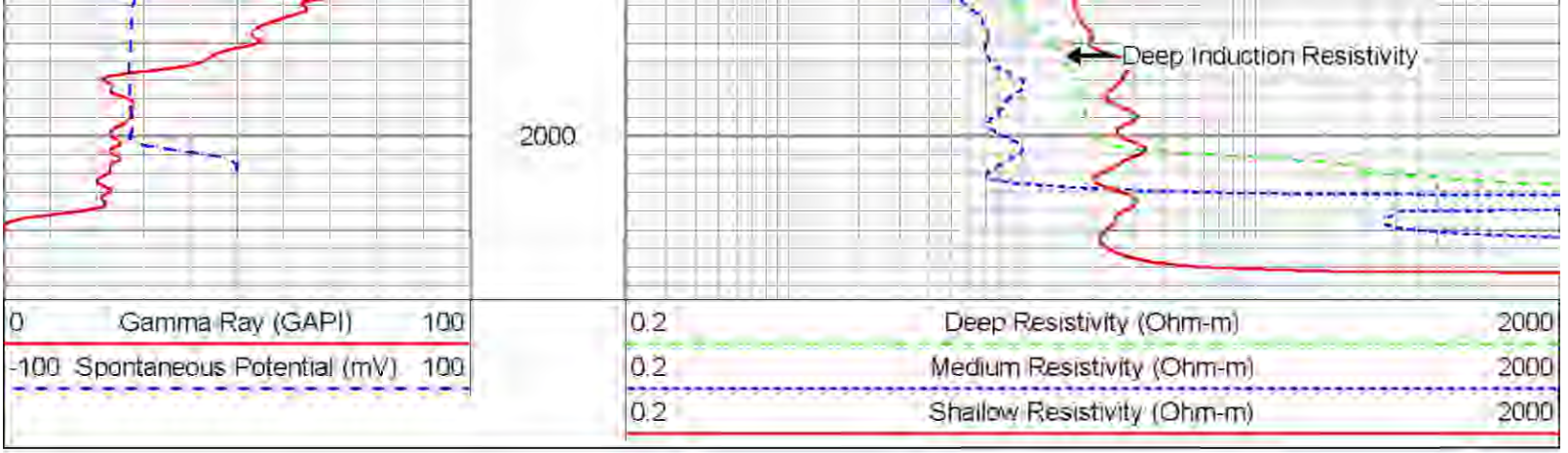

900
950
1000
1050
1100


1150
1200
1250
1300


1350
1400
1450
1500


1550
1600
1650
1700
1750


1800
1850
1900
Spontaneous Potential
Shallow Resistivity
Medium Induction Resistivity
Gamma Ray



0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

YOUNGQUIST BROTHERS, Inc

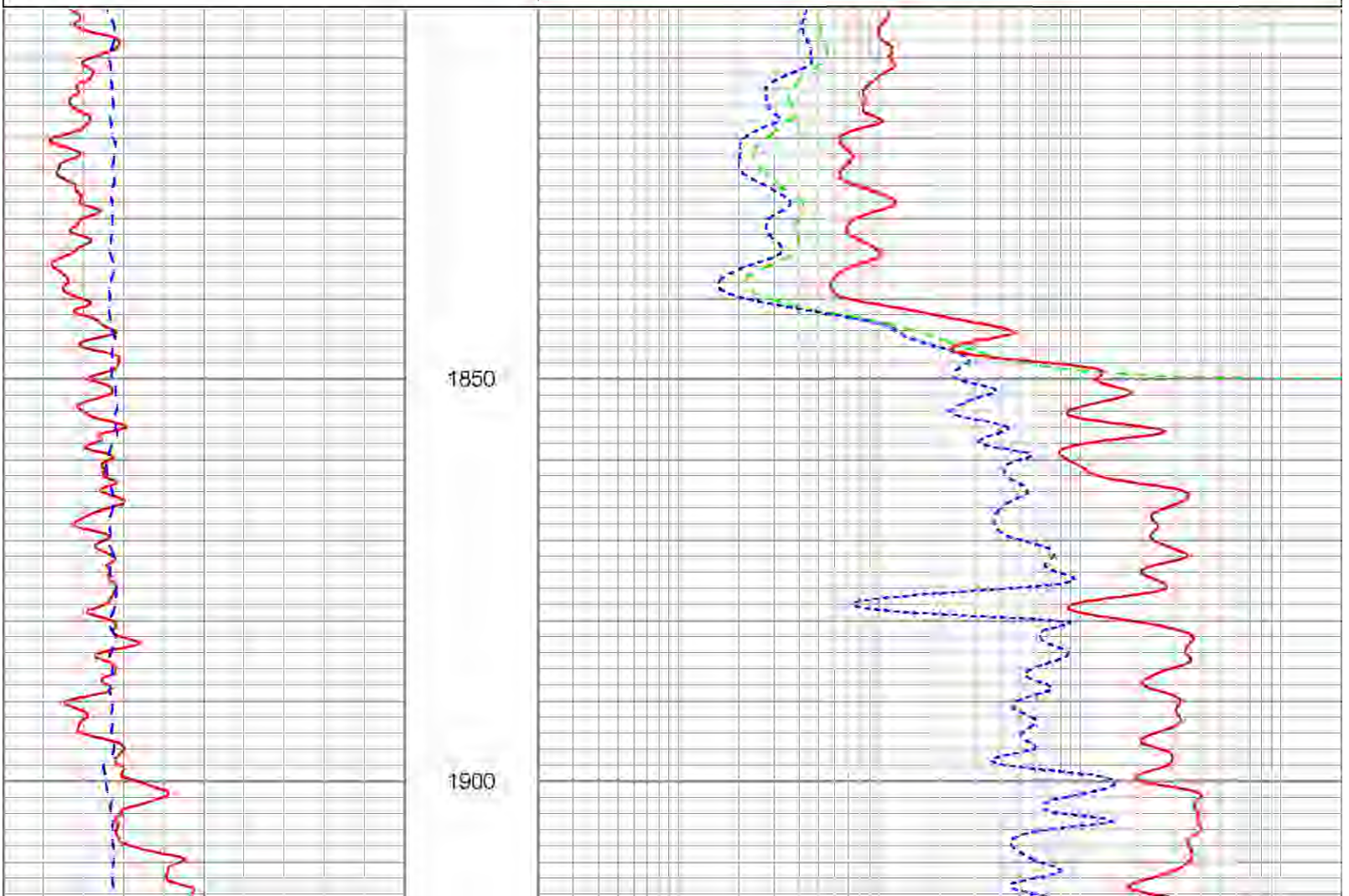
GEOPHYSICAL LOGGING DIVISION

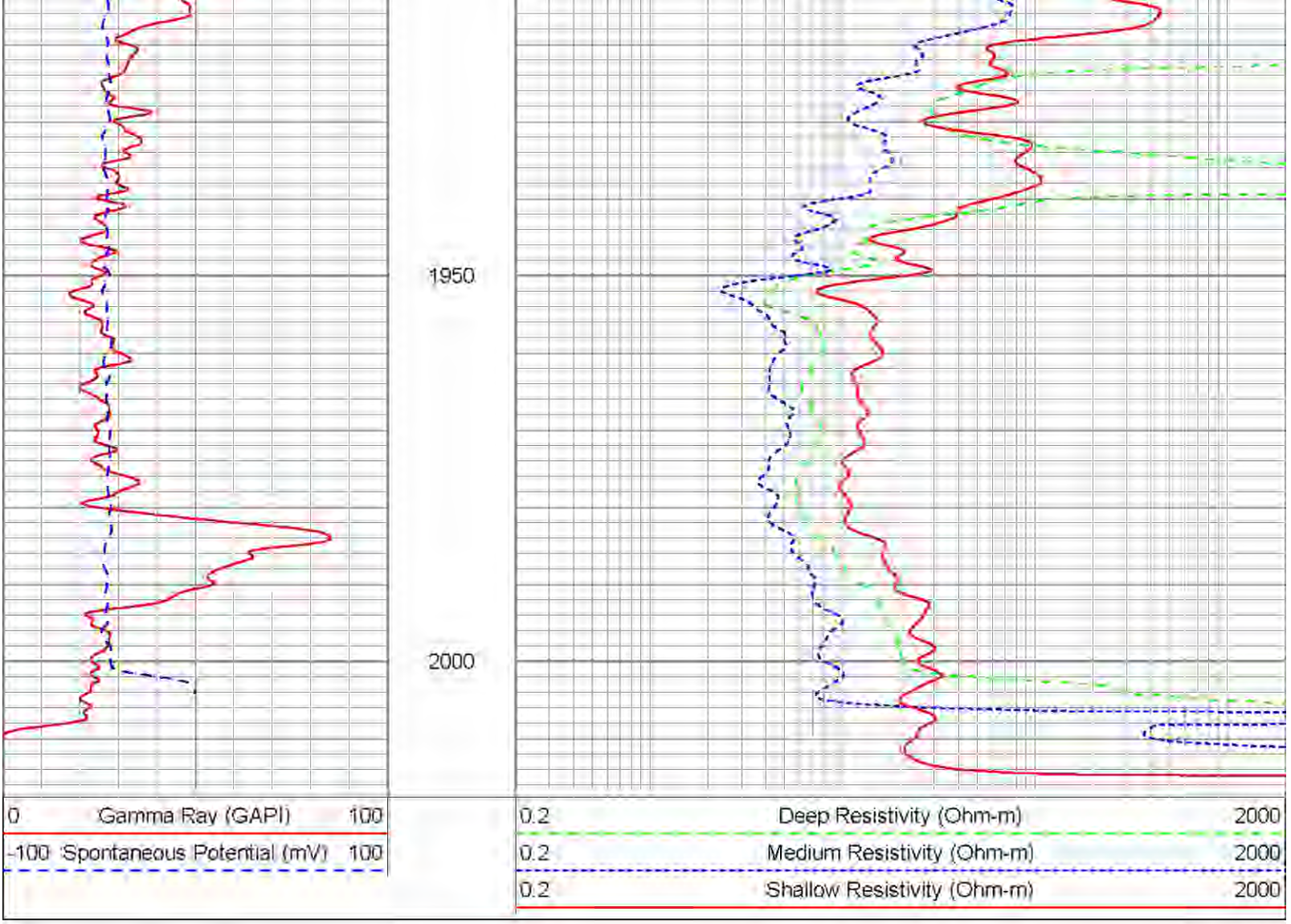
REPEAT PASS

Database File:	labellew1.db
Dataset Pathname:	run5/pass4
Presentation Format:	dil
Dataset Creation:	Mon Apr 01 09:10:22 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

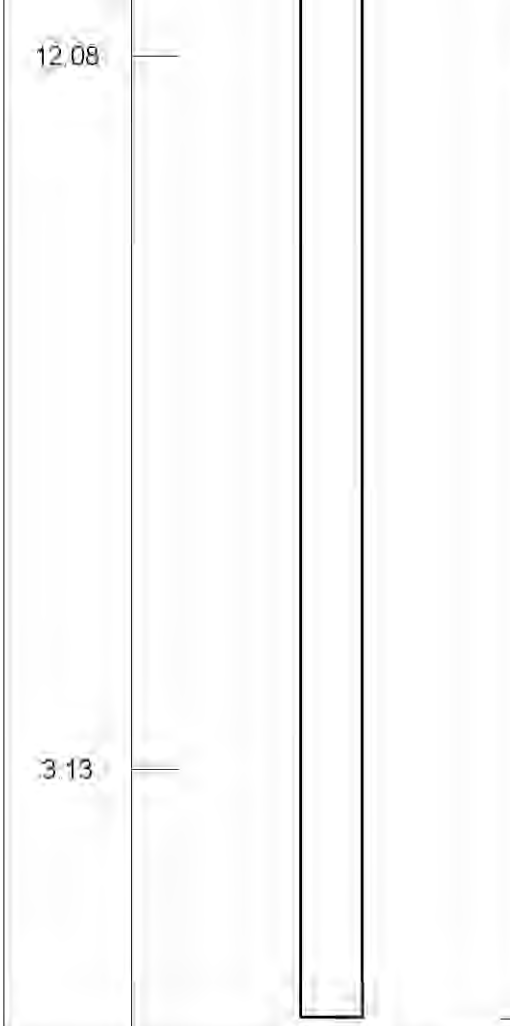
0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CILD	15.88					
SP	15.88					



CILM	12.08	DIL-C (1006)	23.67	3.50	175.00
CLL3	3.13				

Dataset	labelleiw1 db: field/well/run5/pass5
Total Length	23.67 ft
Total Weight	175.00 lb
O.D.	3.50 in

Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run5/pass6
Dataset Creation: Mon Apr 01 09:38:47 2013 by Log SOC 110722

Dual Induction Calibration Report

Serial-Model	1006-C
Surface Cal Performed	Tue Jan 26 15 11:57 2010
Downhole Cal Performed	Mon Apr 01 07 37 42 2013
After Survey Verification Performed	Mon Apr 01 08 38 42 2013

Surface Calibration

	Readings			References			Results	
Loop	Air	Loop		Air	Loop		m	b
Deep	-0.008	0.637	V	0.000	400.000	mmho/m	620.465	5.010
Medium	0.013	0.696	V	0.000	464.000	mmho/m	679.184	-8.788
Internal	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.650	V	8.610	397.880	mmho/m	607.467	3.312
Medium	0.006	0.714	V	-1.120	462.890	mmho/m	656.087	-5.253

Downhole Calibration

	Readings			References			Results	
Internal	Zero	Cal		Zero	Cal		m	b
Deep	8.733	365.379	mmho/m	5.020	394.306	mmho/m	1.092	-4.512
Medium	-3.980	463.092	mmho/m	-3.609	487.371	mmho/m	1.051	0.575
Shallow	0.061	0.435		14.000	182.730	mmho/m	450.394	-13.286

After Survey Verification

	Readings			Targets			Results	
Internal	Zero	Cal		Zero	Cal		m'	b'
Deep	9.237	362.781	mmho/m	8.733	365.379	mmho/m	1.092	-4.512
Medium	-4.129	459.817	mmho/m	-3.980	463.092	mmho/m	1.051	0.575
Shallow	10.855	178.068	mmho/m	14.000	182.730	mmho/m	1.009	3.046

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

FLOWMETER LOG

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY
State FLORIDA

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY State FLORIDA

Location: API #:
SEC TWP RGE

Permanent Datum PAD Elevation PAD
Log Measured From PAD K.B.
Drilling Measured From PAD D.F
G.L

Other Services
SEE COMMENTS

Elevation

Date	1-APRIL-2013
Run Number	FIVE
Depth Driller	2010'
Depth Logger	2017'
Bottom Logged Interval	2017'
Top Log Interval	CASING
Open Hole Size	12.25'
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	97.7 degF
Estimated Cement Top	NA
Time Well Ready	0500
Time Logger on Bottom	0600
Equipment Number	103
Location	FT MYERS
Recorded By	GARCIA
Witnessed By	A. McTHENIA

Borehole Record

Run Number	Bit	From	To
ONE	64.5'	SURFACE	150'
TWO	14.75"	CASING	900'
THREE	52.50"	CASING	765'
FOUR	12.25"	CASING	2010'

Borehole Record

Run No	Bit	From	To
	MOREY		

Casing Record

	Size	Wgt/Ft	Top	Bottom
Surface String	86"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner				

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Comments

FLUID RESISTIVITY TEMPERATURE
BOREHOLE SONIC
BOREHOLE TELEVIEWER
XY CALIPER/ GAMMA RAY
DUAL INDUCTION
VIDEO SURVEY

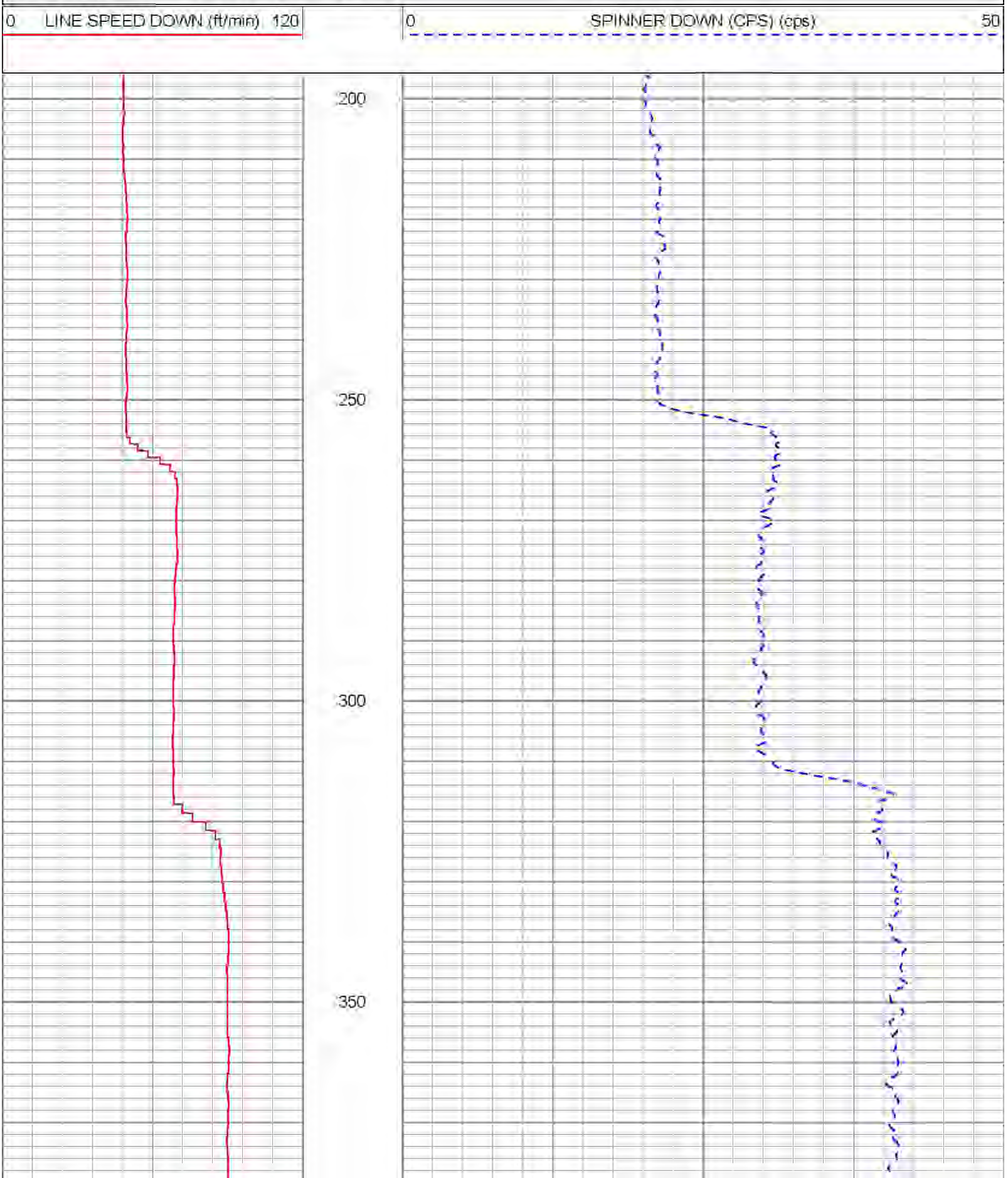
DYNAMIC FLOWRATE = (260 GPM)

YOUNGQUIST BROTHERS, Inc

FLOWCALS 50, 70, 90 FPM

GEOPHYSICAL LOGGING DIVISION

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass13
Presentation Format:	flowcals
Dataset Creation:	Mon Apr 01 12:39:22 2019 by Log-SOC 110722
Charted by:	Depth in Feet scaled 1:240



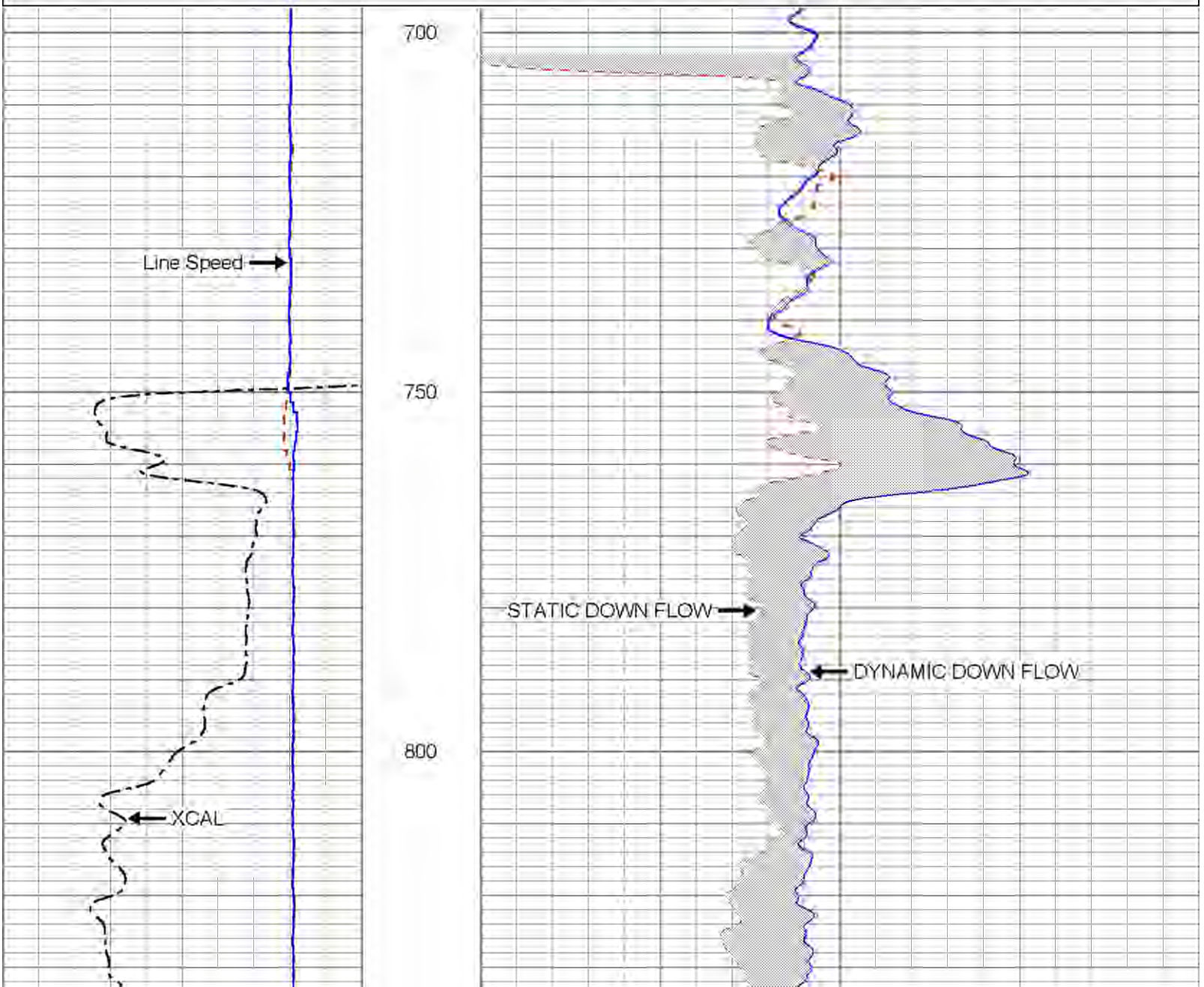
0	LINE SPEED DOWN (ft/min)	120
0	SPINNER DOWN (CPS) (cps)	50

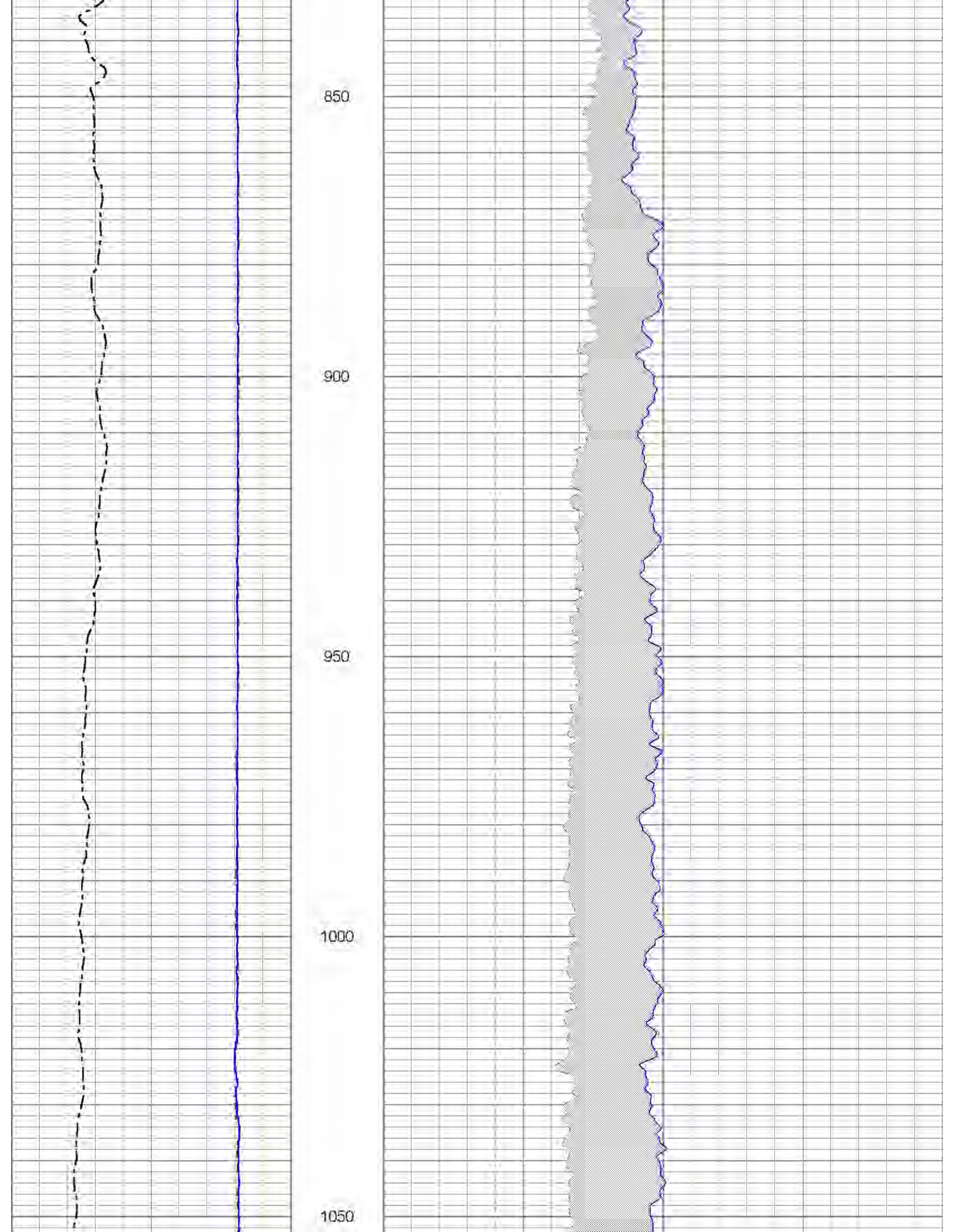
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

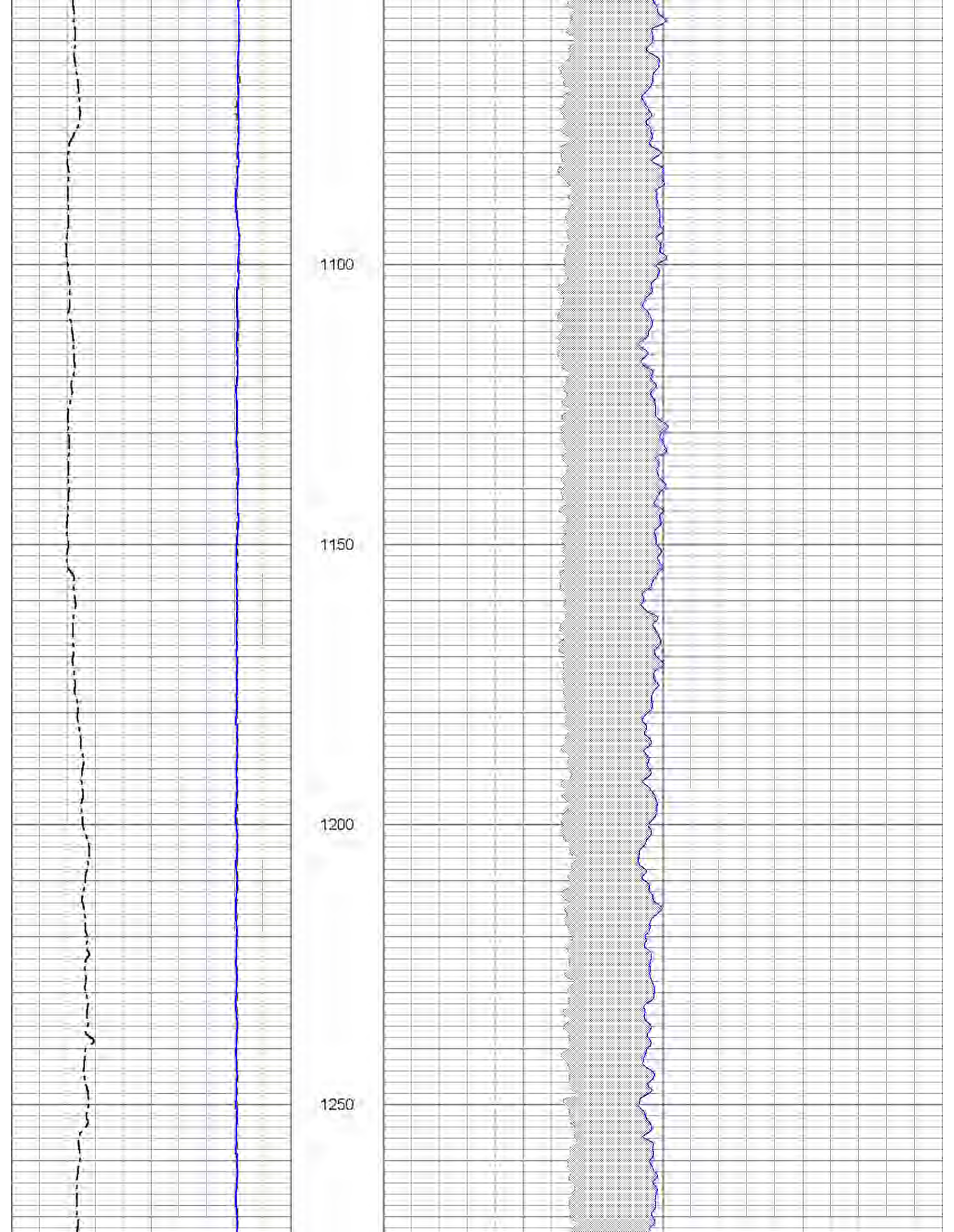
MERGED FLOW (260GPM)

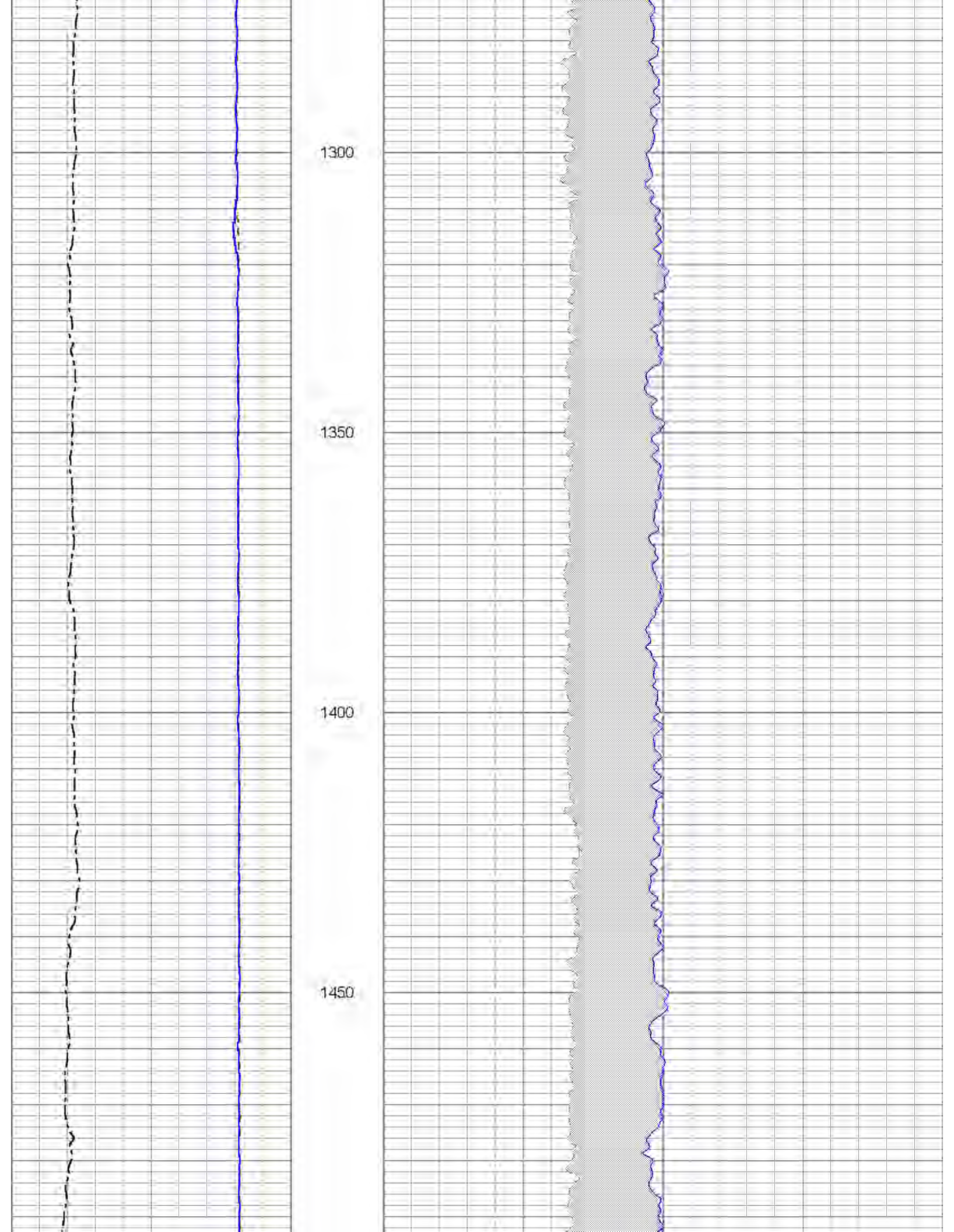
Database File:	labelleiw1.db
Dataset Pathname:	run5/pass15
Presentation Format:	fm_dnmg
Dataset Creation:	Mon Apr 01 14:24:13 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

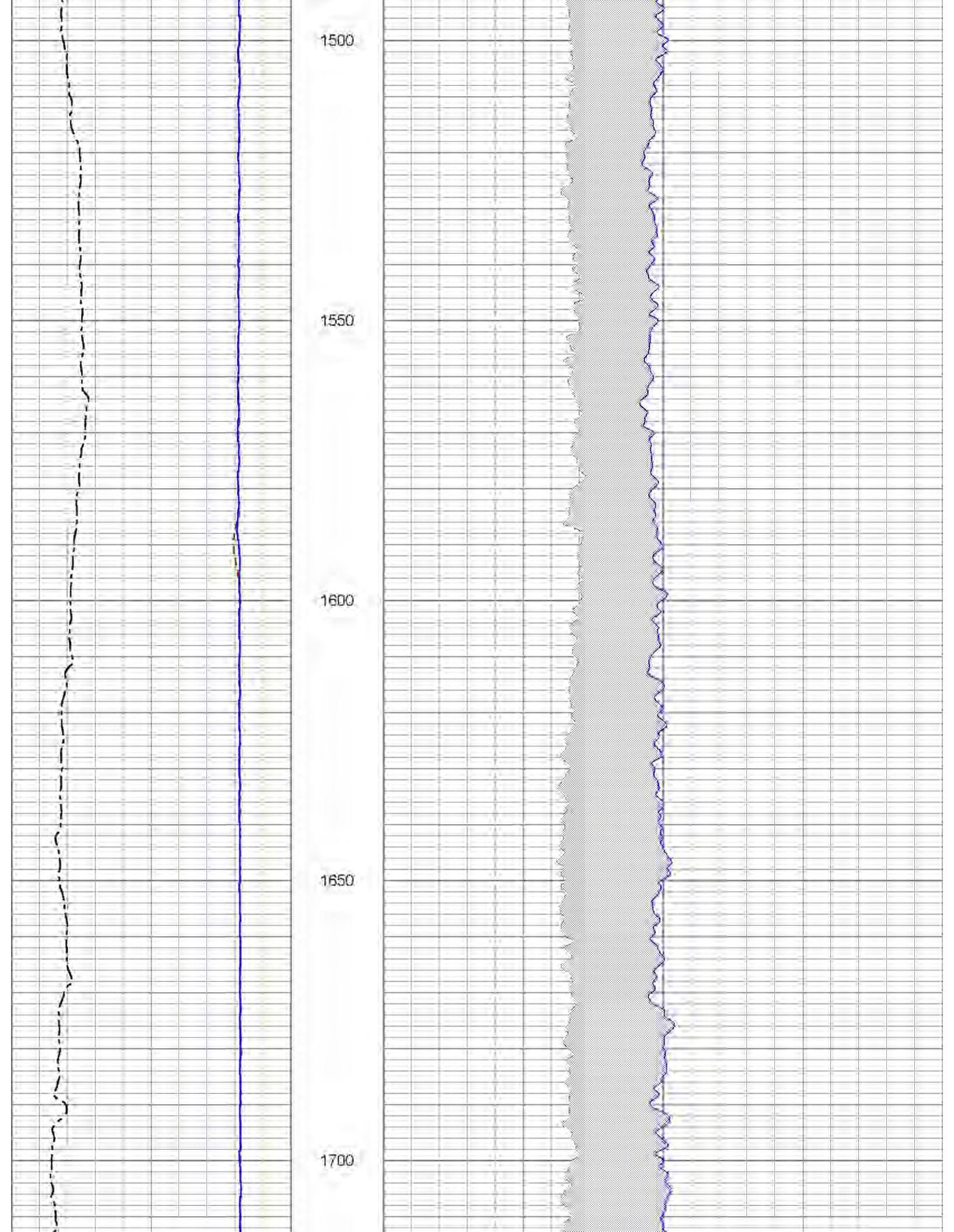
0	L.S STATIC DOWN (ft/min)	100
0	L.S DYNAMIC DOWN (ft/min)	100
10	XCAL (in)	30
0	DYNAMIC DOWN FLOW (cps)	60
0	STATIC DOWN FLOW (cps)	60

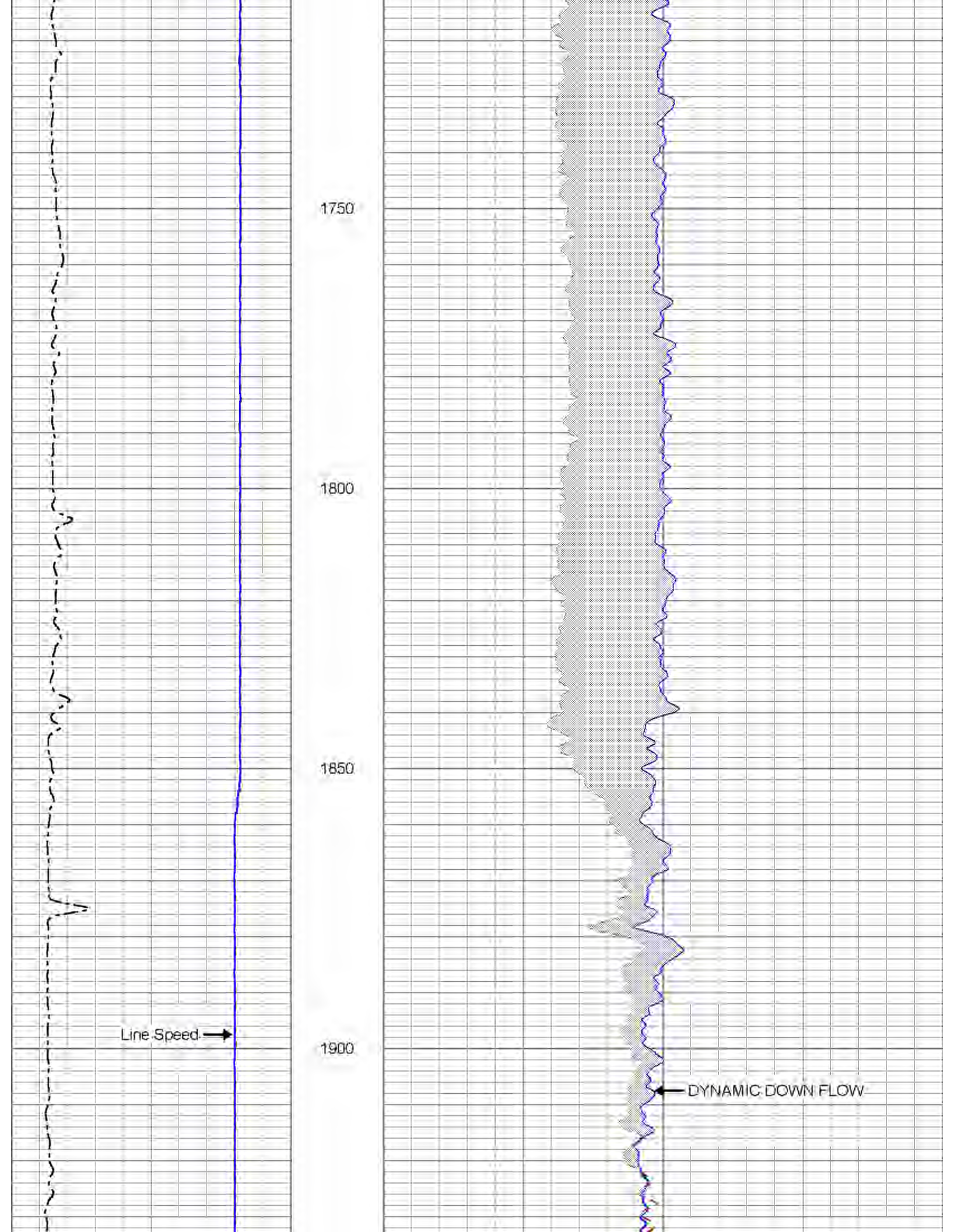


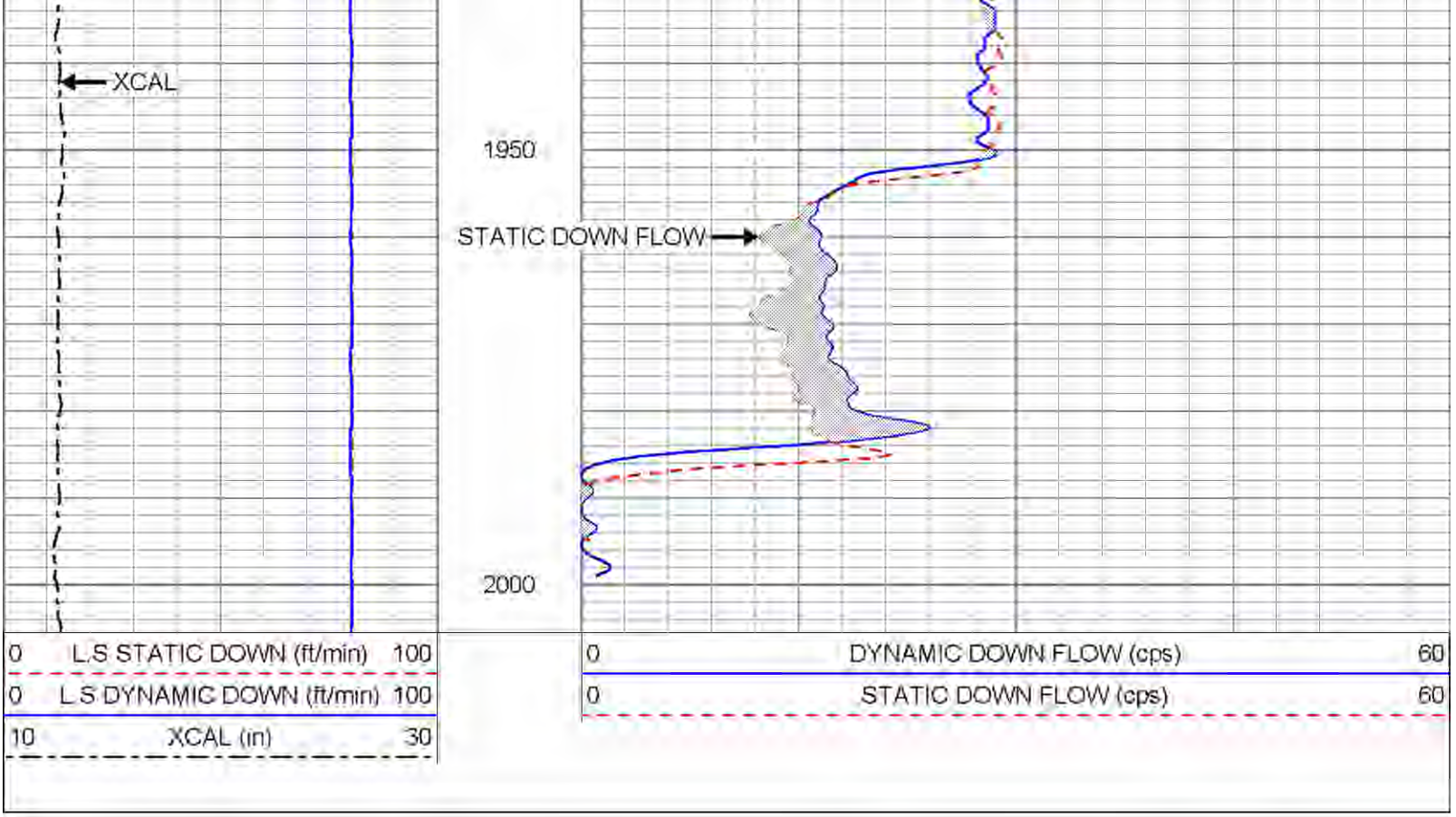

850
900
950
1000
1050


1100
1150
1200
1250


1300
1350
1400
1450

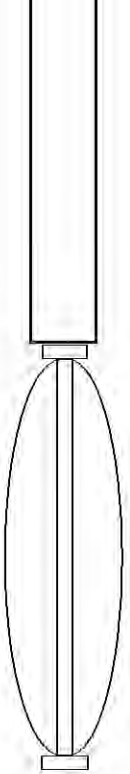

1500
1550
1600
1650
1700


1750
1800
1850
1900
Line Speed
DYNAMIC DOWN FLOW



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			8FTSB	8.00	1.69	70.00

		FLOW-LARGE (65)	3.13	3.75	20.00
FLOWP	3.75				
FLOWN	3.75				
		SHRT	3.25	2.00	30.00



Dataset:	labelleiw1.db: field/well/run5/pass15
Total Length:	14.38 ft
Total Weight:	120.00 lb
O.D.	3.75 in

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

FLUID RESISTIVITY TEMPERATURE LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # ;

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY
State FLORIDA

Date	1-APRIL-2013		
Run Number	FIVE		
Depth Driller	2010'		
Depth Logger	2017'		
Bottom Logged Interval	2017'		
Top Log Interval	CASING		
Open Hole Size	12.25'		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp	97.7 degF		
Estimated Cement Top	NA		
Time Well Ready	0500		
Time Logger on Bottom	0600		
Equipment Number	103		
Location	FT MYERS		
Recorded By	GARCIA	MOREY	
Witnessed By	K. CHENEY		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75"	CASING	900'				
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner				

<<< Fold Here >>>

Comments

DUAL INDUCTION
BOREHOLE SONIC
FLOWMETER
BOREHOLE TELEVIEWER
XY CALIPER/ GAMMA RAY
VIDEO SURVEY

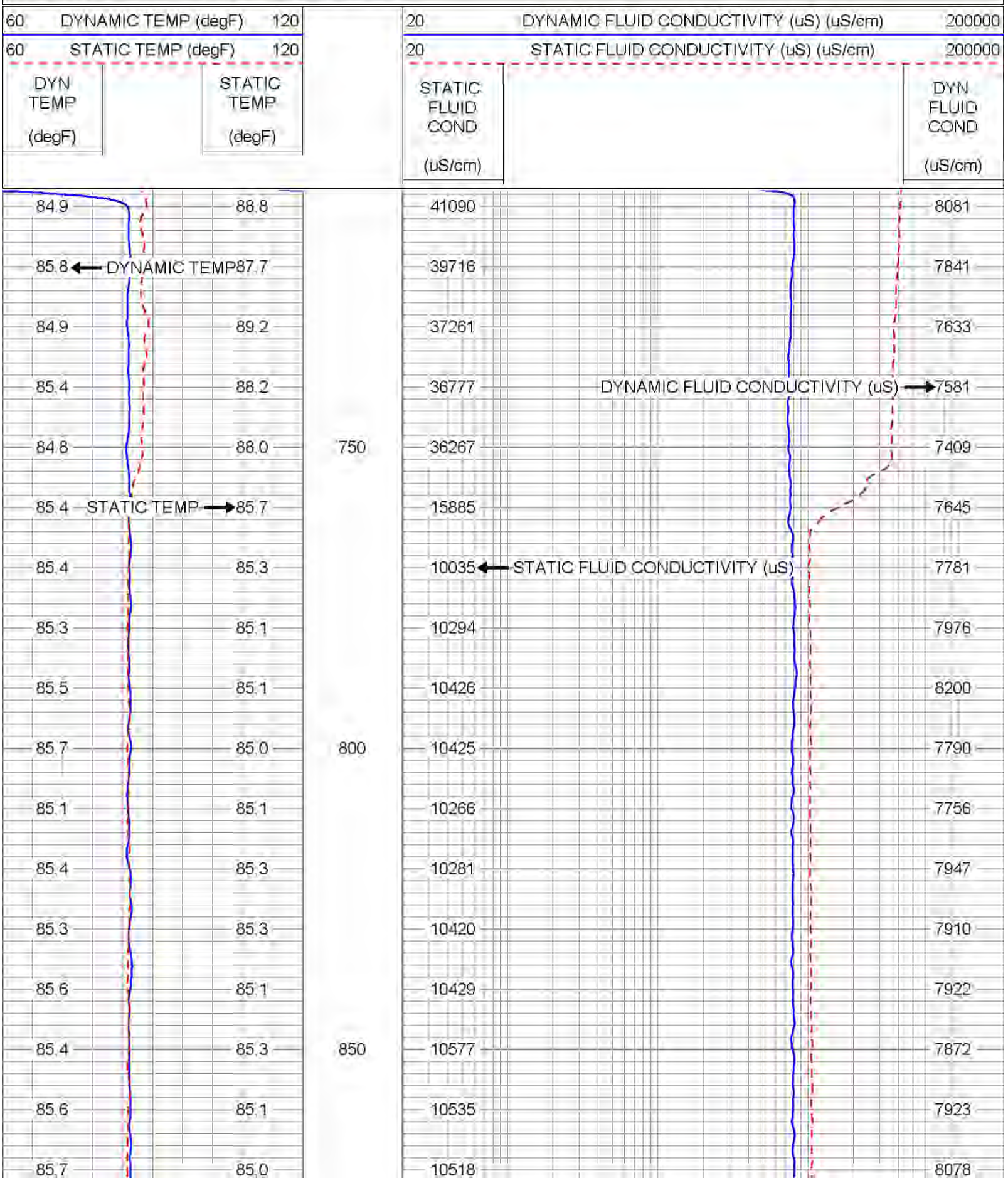
DYNAMIC FLOWRATE = (300 GPM)

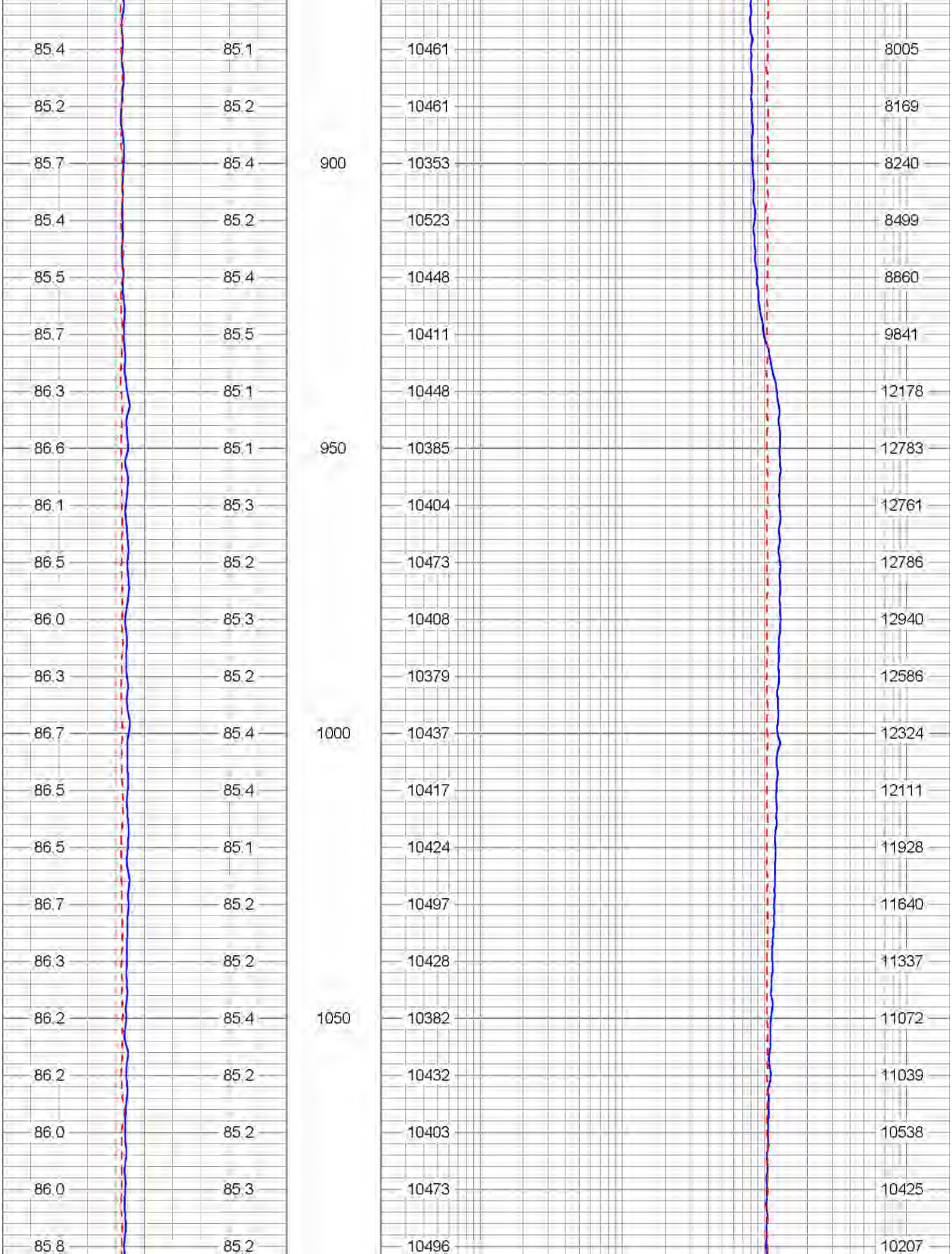
YOUNGQUIST BROTHERS, Inc

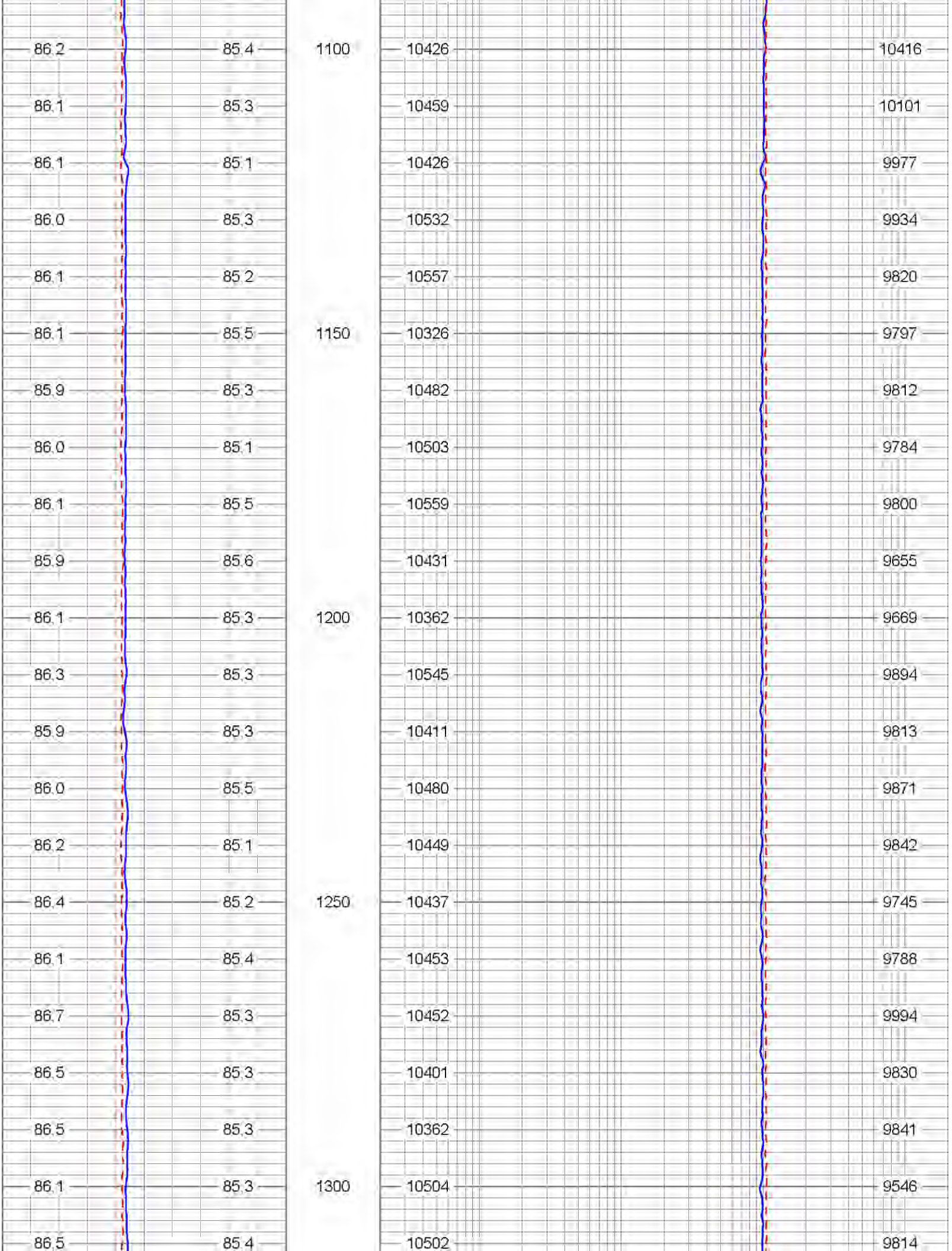
MERGED FRT (300 GPM)

GEOPHYSICAL LOGGING DIVISION

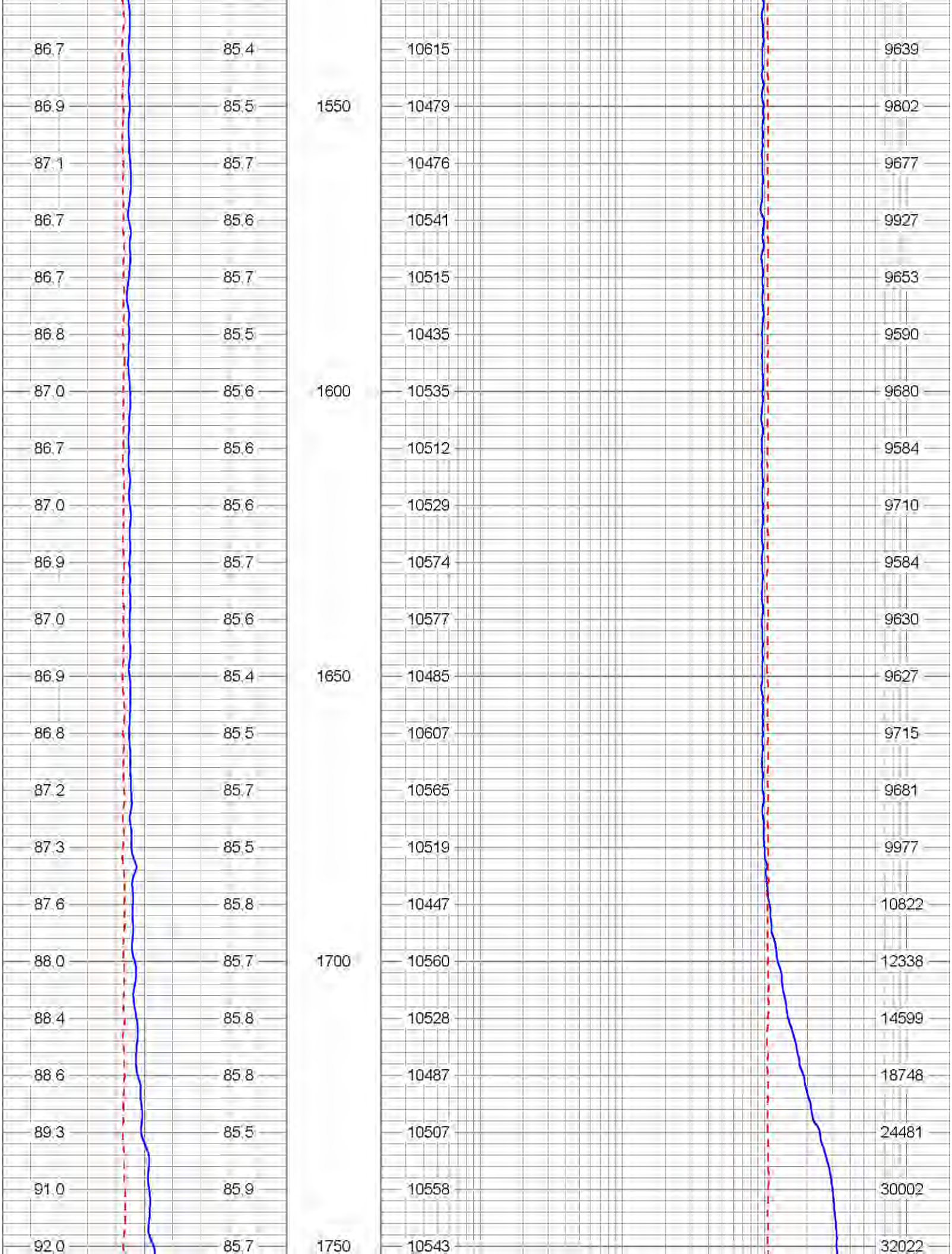
Database File:	labelleiw1.db
Dataset Pathname:	run5/pass16
Presentation Format:	frt_mg
Dataset Creation:	Mon Apr 01 15:19:36 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

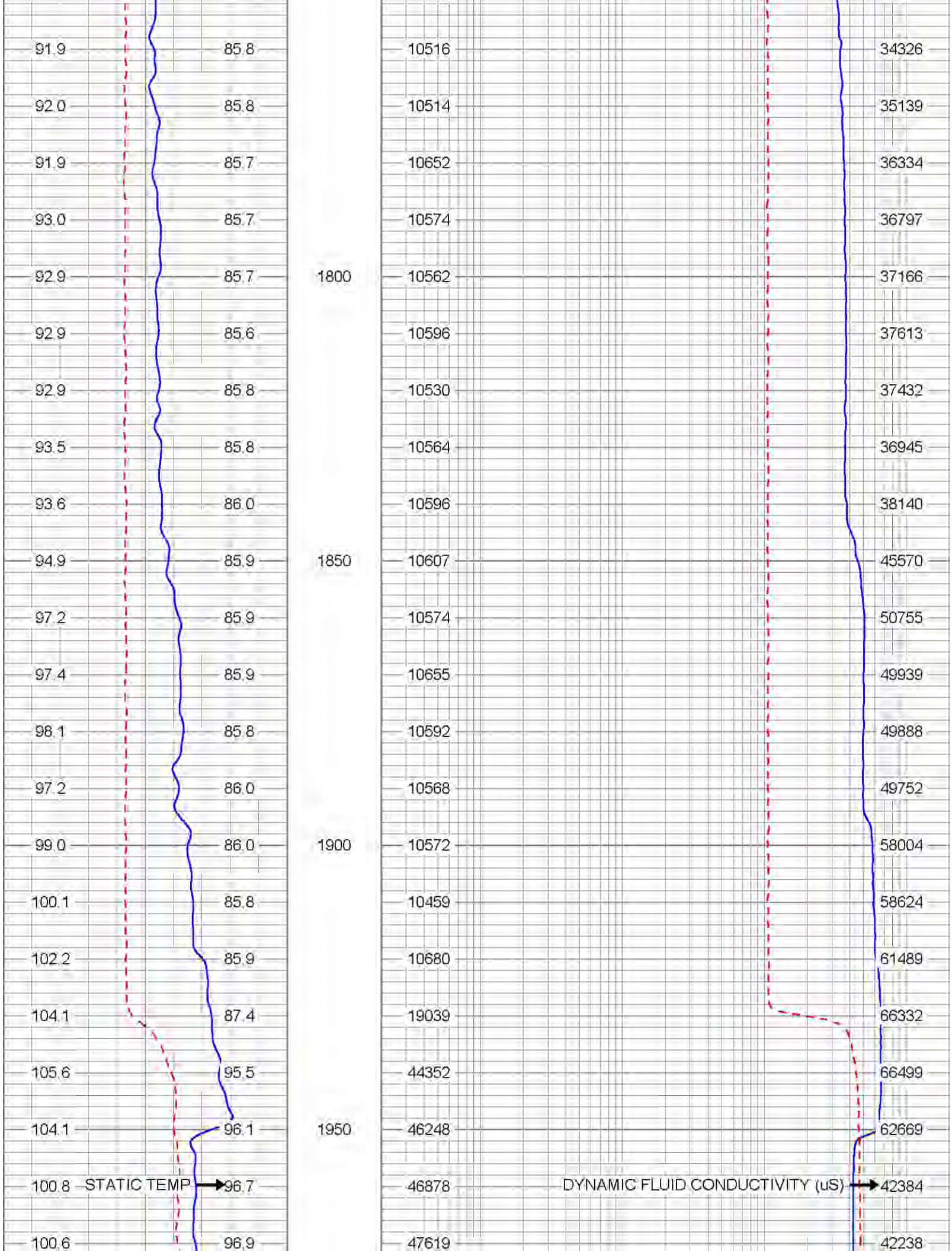


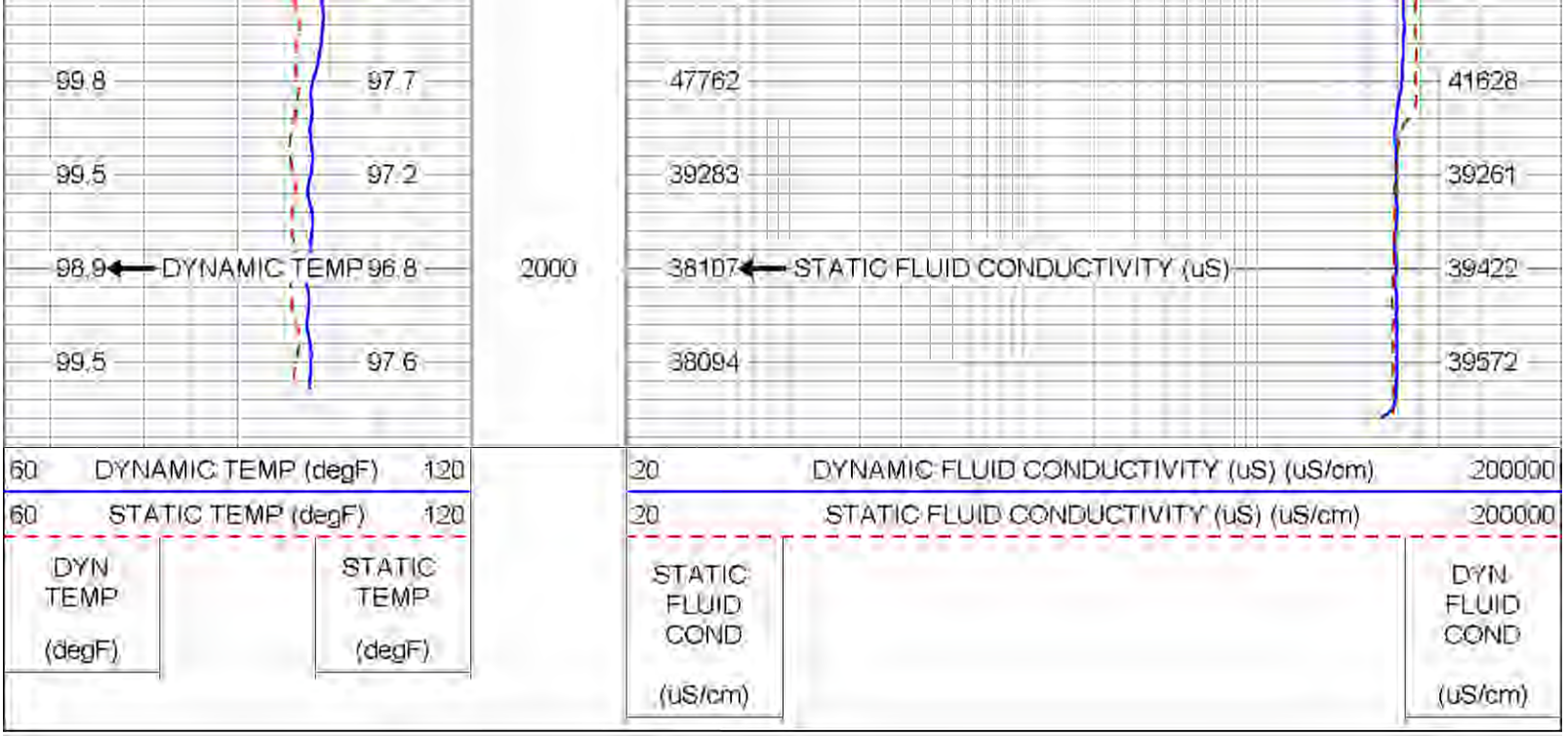

85.4 85.1 10461 8005
85.2 85.2 10461 8169
85.7 85.4 900 10353 8240
85.4 85.2 10523 8499
85.5 85.4 10448 8860
85.7 85.5 10411 9841
86.3 85.1 10448 12178
86.6 85.1 950 10385 12783
86.1 85.3 10404 12761
86.5 85.2 10473 12786
86.0 85.3 10408 12940
86.3 85.2 10379 12586
86.7 85.4 1000 10437 12324
86.5 85.4 10417 12111
86.5 85.1 10424 11928
86.7 85.2 10497 11640
86.3 85.2 10428 11337
86.2 85.4 1050 10382 11072
86.2 85.2 10432 11039
86.0 85.2 10403 10538
86.0 85.3 10473 10425
85.8 85.2 10496 10207


86.2 85.4 1100 10426 10416
86.1 85.3 10459 10101
86.1 85.1 10426 9977
86.0 85.3 10532 9934
86.1 85.2 10557 9820
86.1 85.5 1150 10326 9797
85.9 85.3 10482 9812
86.0 85.1 10503 9784
86.1 85.5 10559 9800
85.9 85.6 10431 9655
86.1 85.3 1200 10362 9669
86.3 85.3 10545 9894
85.9 85.3 10411 9813
86.0 85.5 10480 9871
86.2 85.1 10449 9842
86.4 85.2 1250 10437 9745
86.1 85.4 10453 9788
86.7 85.3 10452 9994
86.5 85.3 10401 9830
86.5 85.3 10362 9841
86.1 85.3 1300 10504 9546
86.5 85.4 10502 9814

86.5	85.7		10635	9877
86.1	85.3		10486	9789
86.4	85.5		10544	9974
86.4	85.6	1350	10499	9746
86.5	85.4		10439	9848
86.6	85.7		10508	9842
86.3	85.3		10573	9740
86.6	85.6		10549	9820
86.7	85.8	1400	10585	9781
86.7	85.5		10620	10030
86.5	85.6		10584	9790
86.8	85.4		10532	9717
86.4	85.7		10532	9755
86.6	85.6	1450	10652	9820
86.7	85.3		10552	9813
86.7	85.9		10517	9844
86.5	85.6		10698	9903
86.5	85.5		10508	9731
86.9	85.5	1500	10555	9906
86.6	85.3		10535	9736
86.5	85.4		10622	9862
86.5	85.5		10535	9741


86.7 85.4 10615 9639
86.9 85.5 1550 10479 9802
87.1 85.7 10476 9677
86.7 85.6 10541 9927
86.7 85.7 10515 9653
86.8 85.5 10435 9590
87.0 85.6 1600 10535 9680
86.7 85.6 10512 9584
87.0 85.6 10529 9710
86.9 85.7 10574 9584
87.0 85.6 10577 9630
86.9 85.4 1650 10485 9627
86.8 85.5 10607 9715
87.2 85.7 10565 9681
87.3 85.5 10519 9977
87.6 85.8 10447 10822
88.0 85.7 1700 10560 12338
88.4 85.8 10528 14599
88.6 85.8 10487 18748
89.3 85.5 10507 24481
91.0 85.9 10558 30002
92.0 85.7 1750 10543 32022


91.9
85.8
10516
34326
92.0
85.8
10514
35139
91.9
85.7
10652
36334
93.0
85.7
10574
36797
92.9
85.7
1800
10562
37166
92.9
85.6
10596
37613
92.9
85.8
10530
37432
93.5
85.8
10564
36945
93.6
86.0
10596
38140
94.9
85.9
1850
10607
45570
97.2
85.9
10574
50755
97.4
85.9
10655
49939
98.1
85.8
10592
49888
97.2
86.0
10568
49752
99.0
86.0
1900
10572
58004
100.1
85.8
10459
58624
102.2
85.9
10680
61489
104.1
87.4
19039
66332
105.6
95.5
44352
66499
104.1
96.1
1950
46248
62669
100.8
STATIC TEMP
96.7
46878
DYNAMIC FLUID CONDUCTIVITY (uS)
42384
100.6
96.9
47619
42238



Calibration Report

Database File: labelleW1.db
Dataset Pathname: run5/pass16
Dataset Creation: Mon Apr 01 15:19:36 2013 by Log SOC 110722

FRT Calibration Report

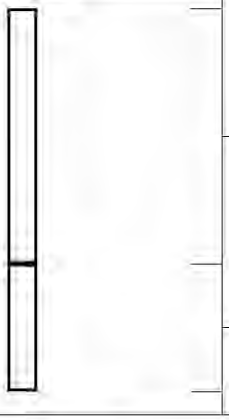
Serial Number: 31
Tool Model: SONDEX
Performed: Thu Dec 08 10:38:51 2011

Point #	Reading		Reference	
1	1,202	cps	944.000	uS/cm
2	186.757	cps	10280.000	uS/cm
3	430.670	cps	23950.000	uS/cm
4	920.167	cps	48500.000	uS/cm
5		cps		uS/cm
6		cps		uS/cm
7		cps		uS/cm
8		cps		uS/cm
9		cps		uS/cm
10		cps		uS/cm

Temperature Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Thu Dec 08 10:41:42 2011

Point #	Reading		Reference	
1	116.78	cps	33.00	degF
2	331.16	cps	80.00	degF
3	981.46	cps	210.50	degF
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			TEMP-SONDEX (31)	1.20	1.63	10.00
TEMP	0.70					
FRES	0.50		FRT-SONDEX (31)	0.60	1.69	10.00

Dataset:	labelleiw1.db: field/well/run5/pass16
Total Length:	1.80 ft
Total Weight:	20.00 lb
O.D.	1.69 in

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # ;

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	1-APRIL-2013		
Run Number	FIVE		
Depth Driller	2010'		
Depth Logger	2017'		
Bottom Logged Interval	2017'		
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	0500		
Time Logger on Bottom	0600		
Equipment Number	103		
Location	FT MYERS		
Recorded By	GARCIA	MOREY	
Witnessed By	K. CHENEY		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'				
TWO	14.75"	CASING	900'				
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner				

<<< Fold Here >>>

Comments

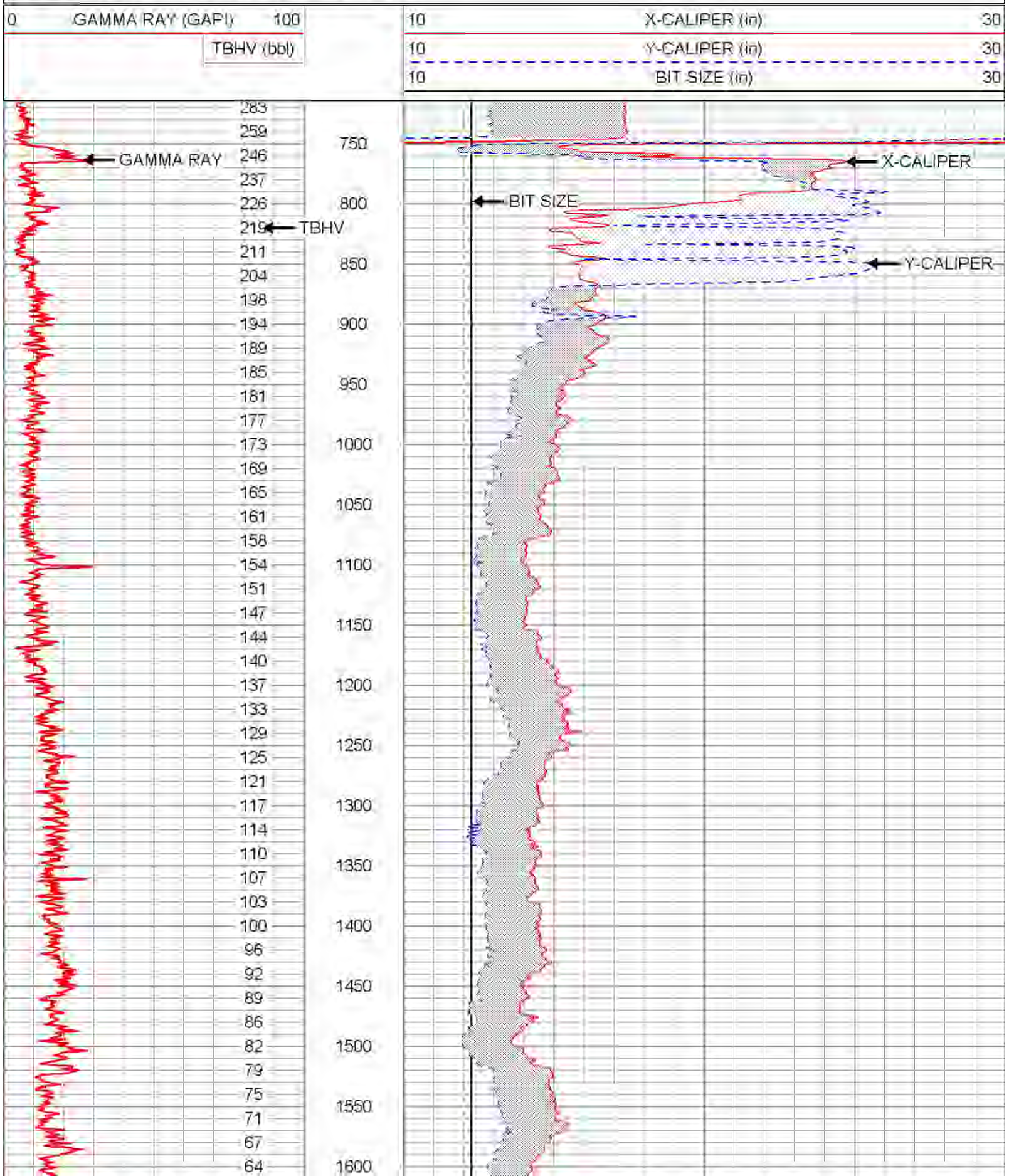
DUAL INDUCTION
BOREHOLE SONIC
FLOWMETER
BOREHOLE TELEVIEWER
FLUID RESISTIVITY/TEMPERATURE
VIDEO SURVEY

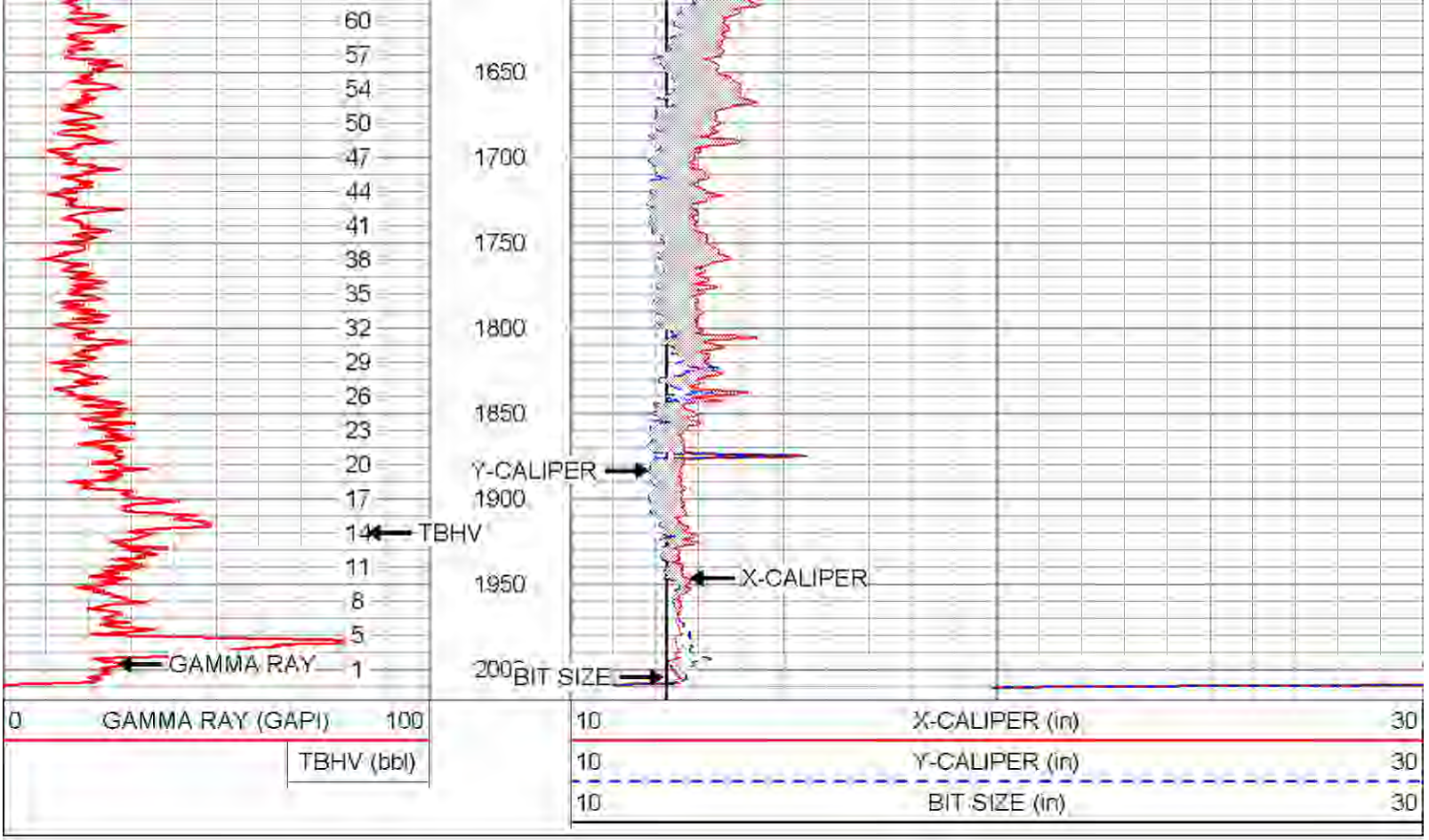
YOUNGQUIST BROTHERS, Inc

MAIN PASS

GEOPHYSICAL LOGGING DIVISION

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass3.1
Presentation Format:	gr.fmt
Dataset Creation:	Mon Apr 01 08:08:05 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:1200

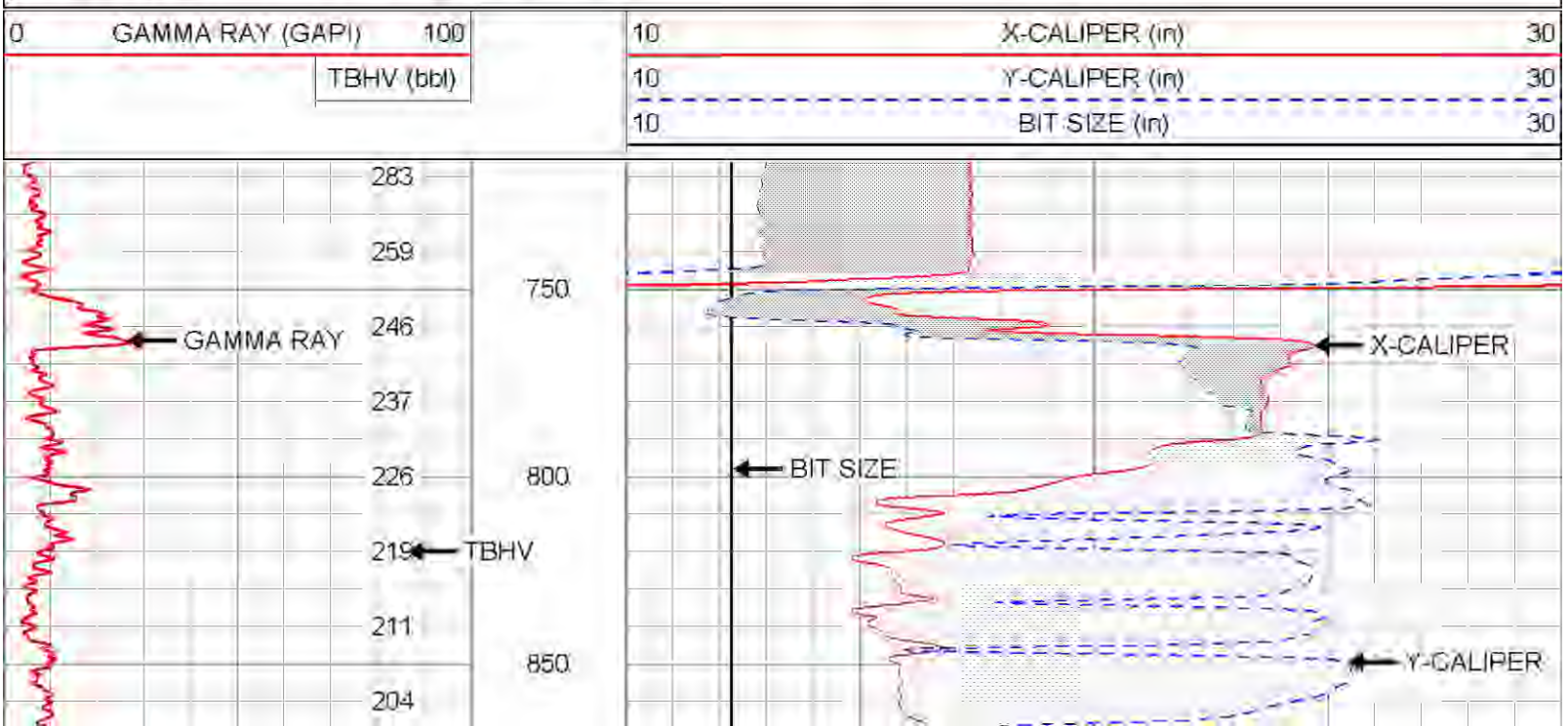


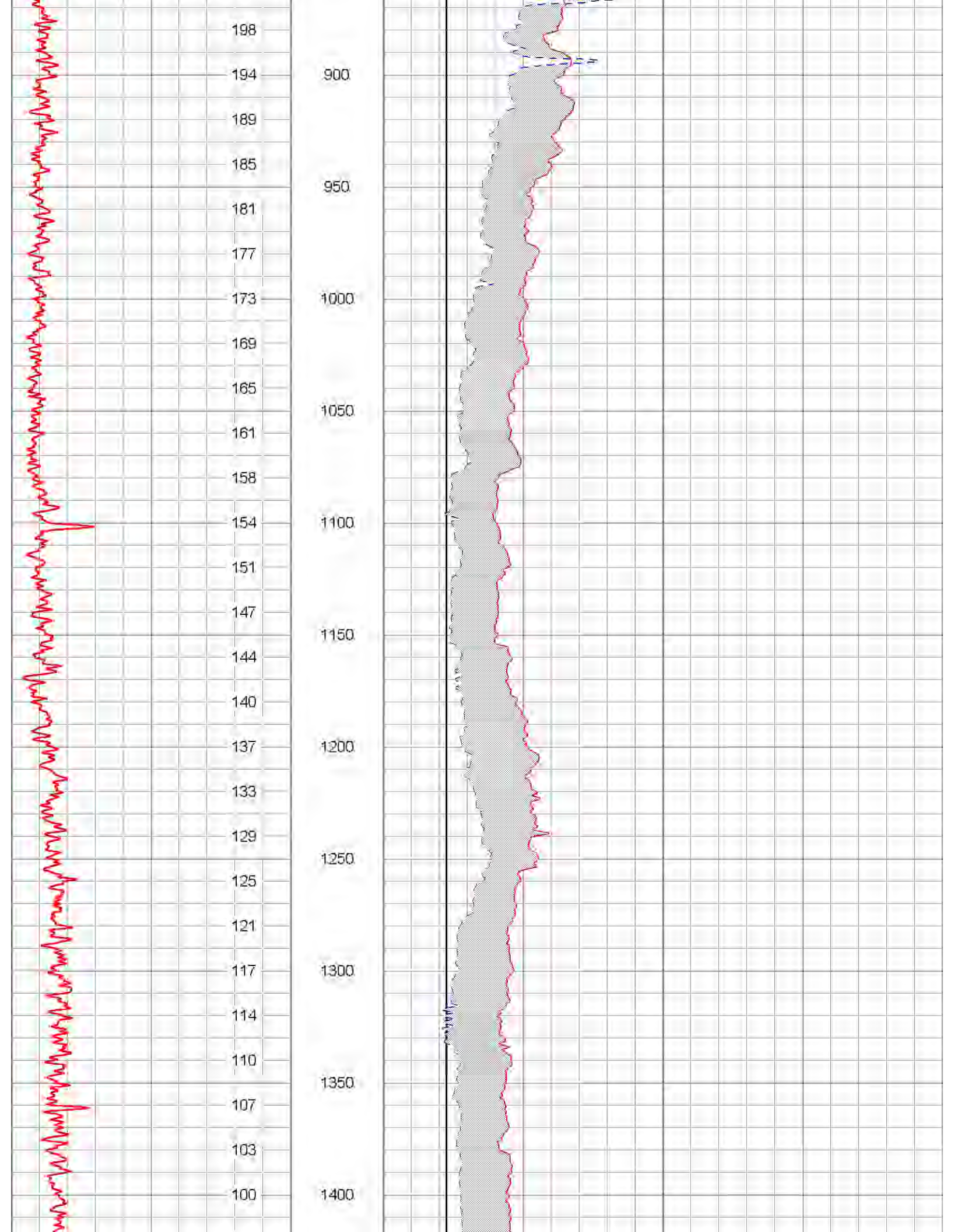


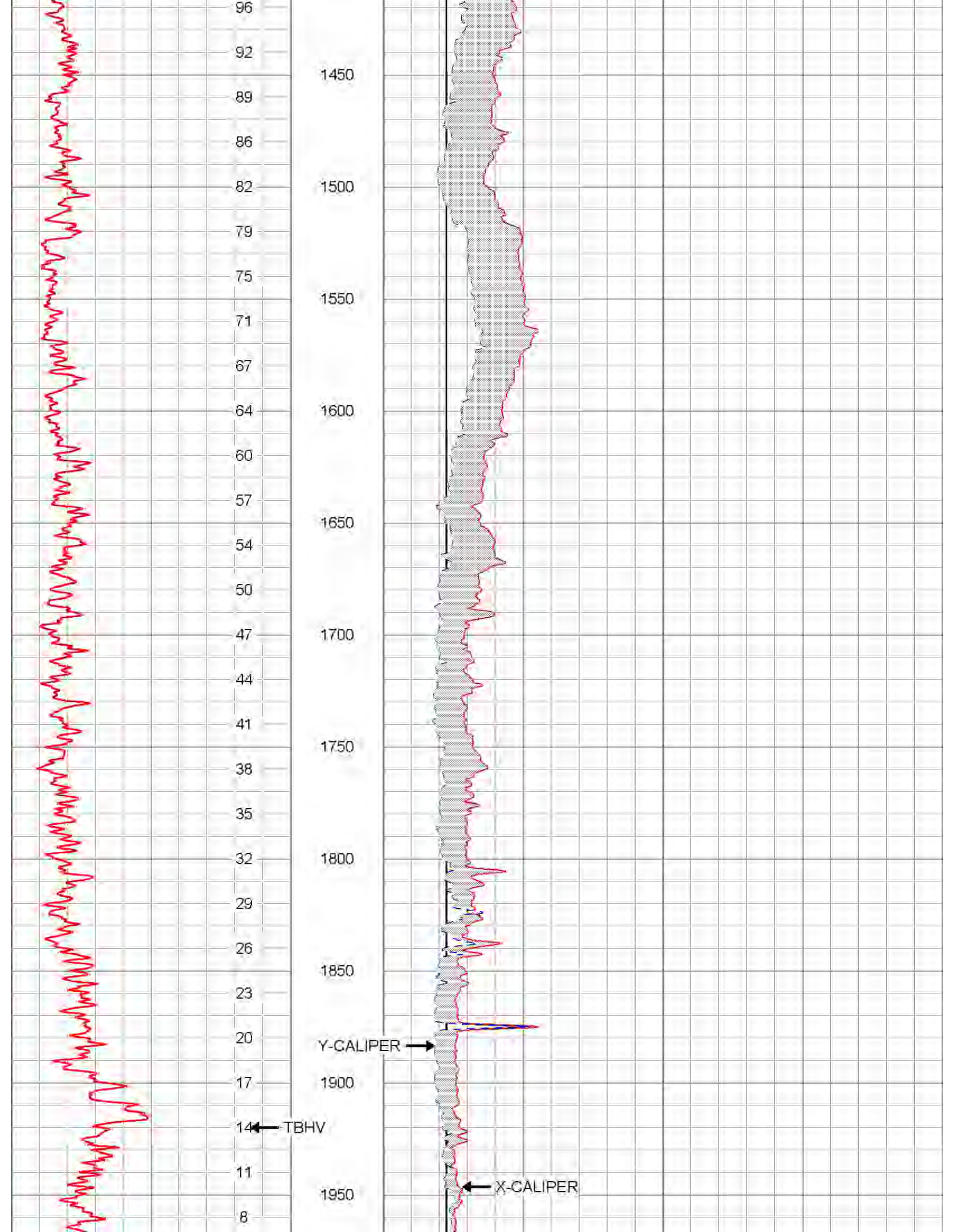
YOUNGQUIST
BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass3.1
Presentation Format:	grxyc
Dataset Creation:	Mon Apr 01 08:08:05 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:600




198
194
189
185
181
177
173
169
165
161
158
154
151
147
144
140
137
133
129
125
121
117
114
110
107
103
100
900
950
1000
1050
1100
1150
1200
1250
1300
1350
1400


96
92
89
86
82
79
75
71
67
64
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57
54
50
47
44
41
38
35
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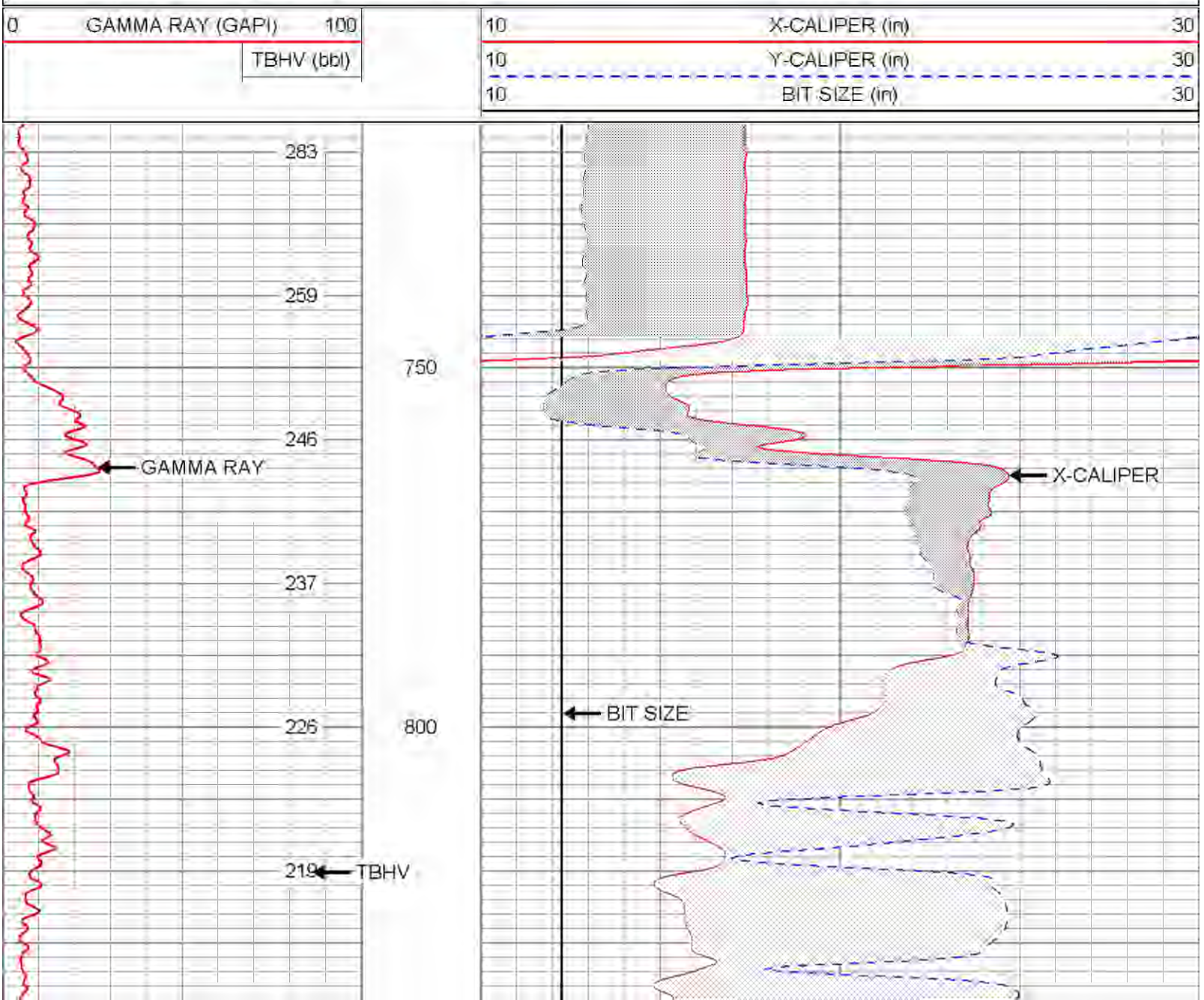
29
26
23
20
17
14
11
8
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
Y-CALIPER
TBHV
X-CALIPER

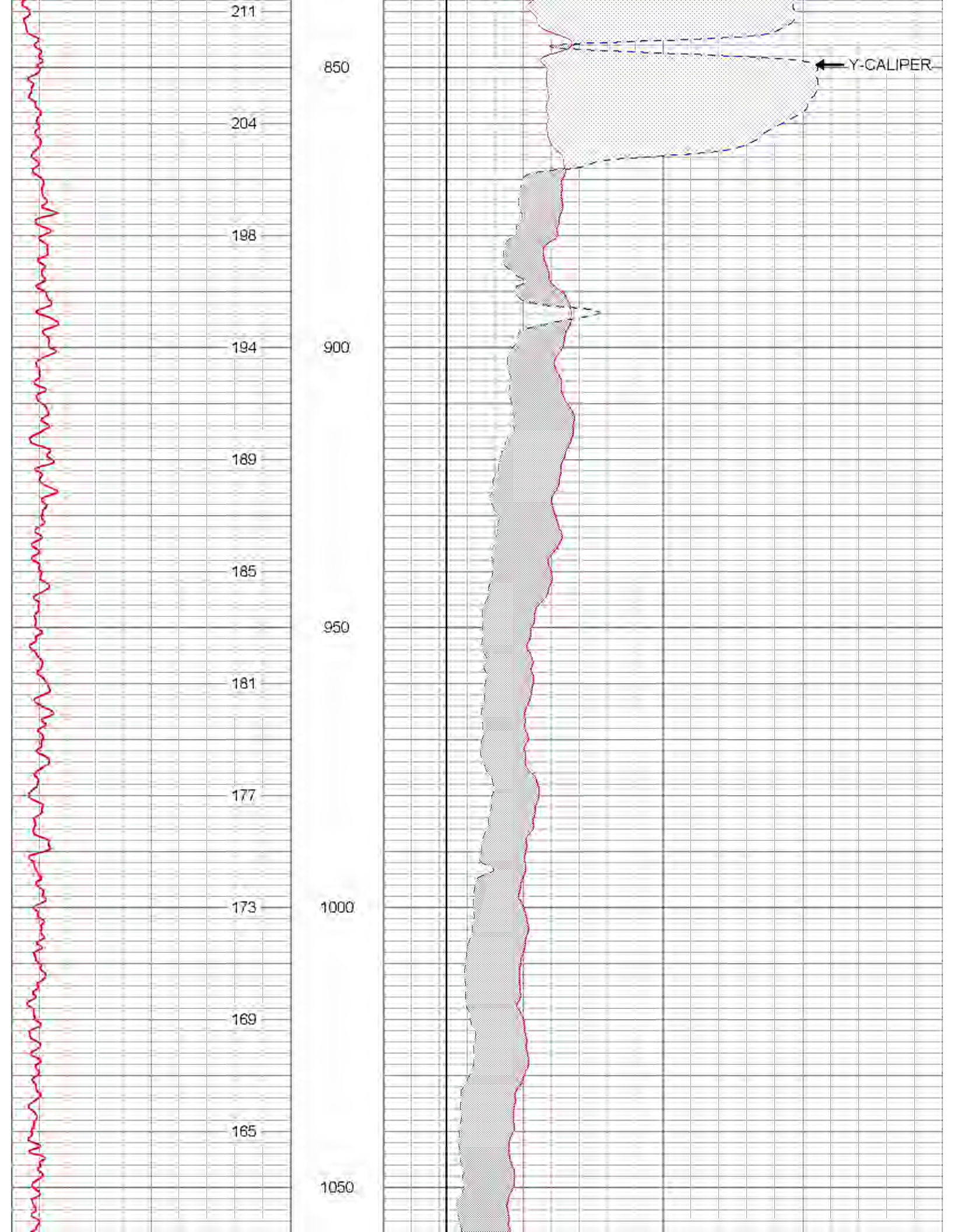
YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run5/pass3.1
Presentation Format:	grxyc
Dataset Creation:	Mon Apr 01 08:08:05 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240

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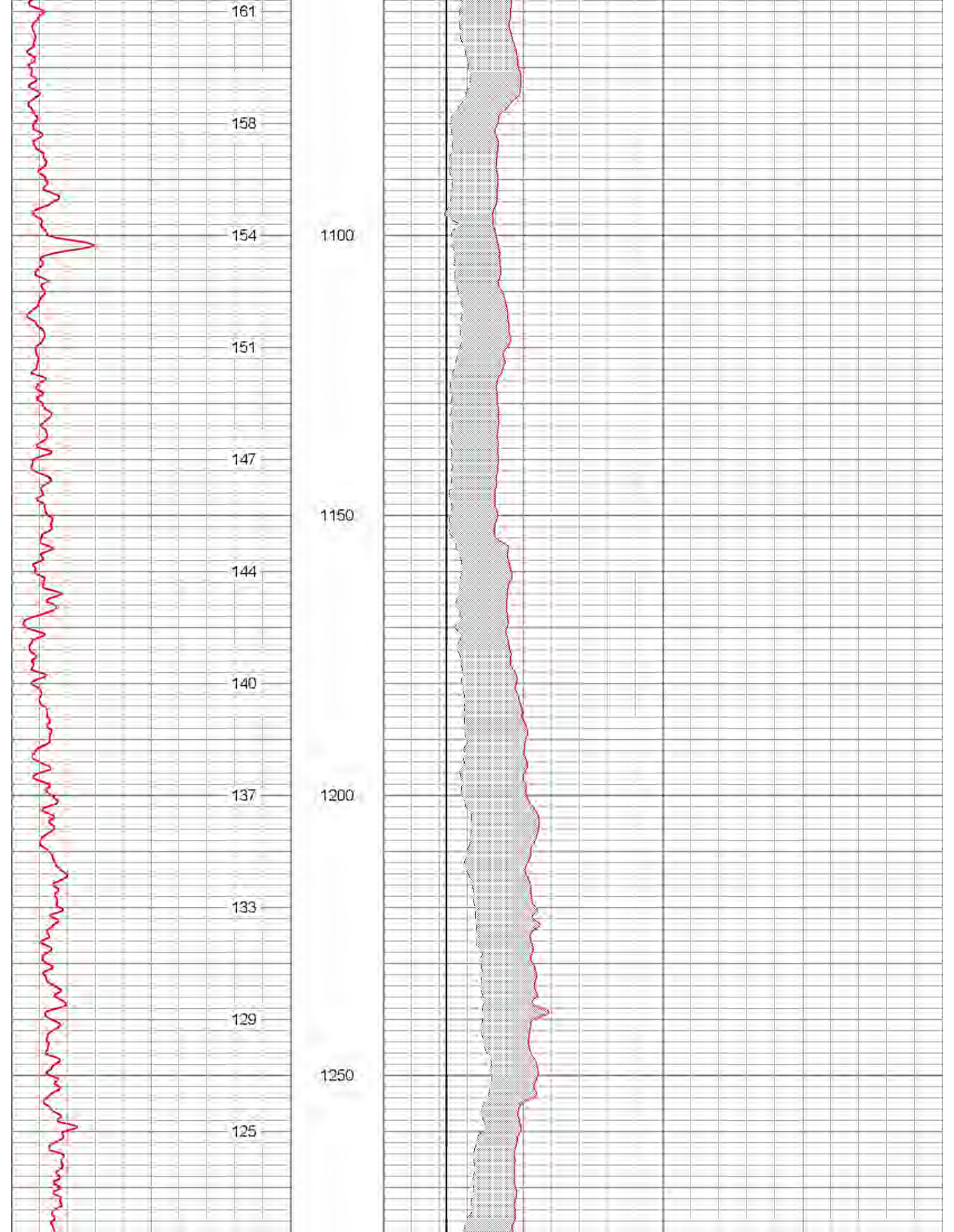
204
198
194
900
189
185
950
181
177
173
1000
169
165
1050
Y-CALIPER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158
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144
140
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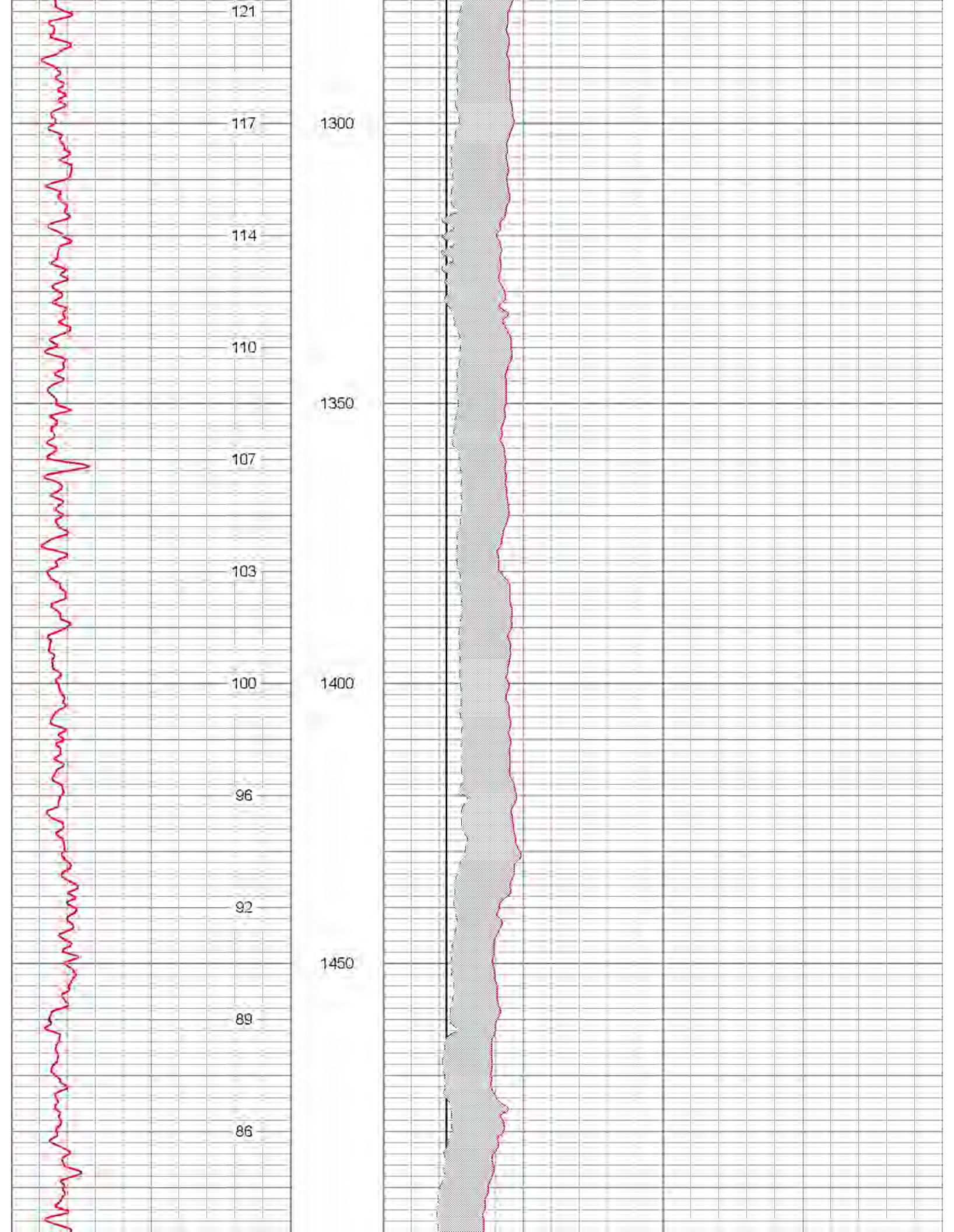
133
129
1250
125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117
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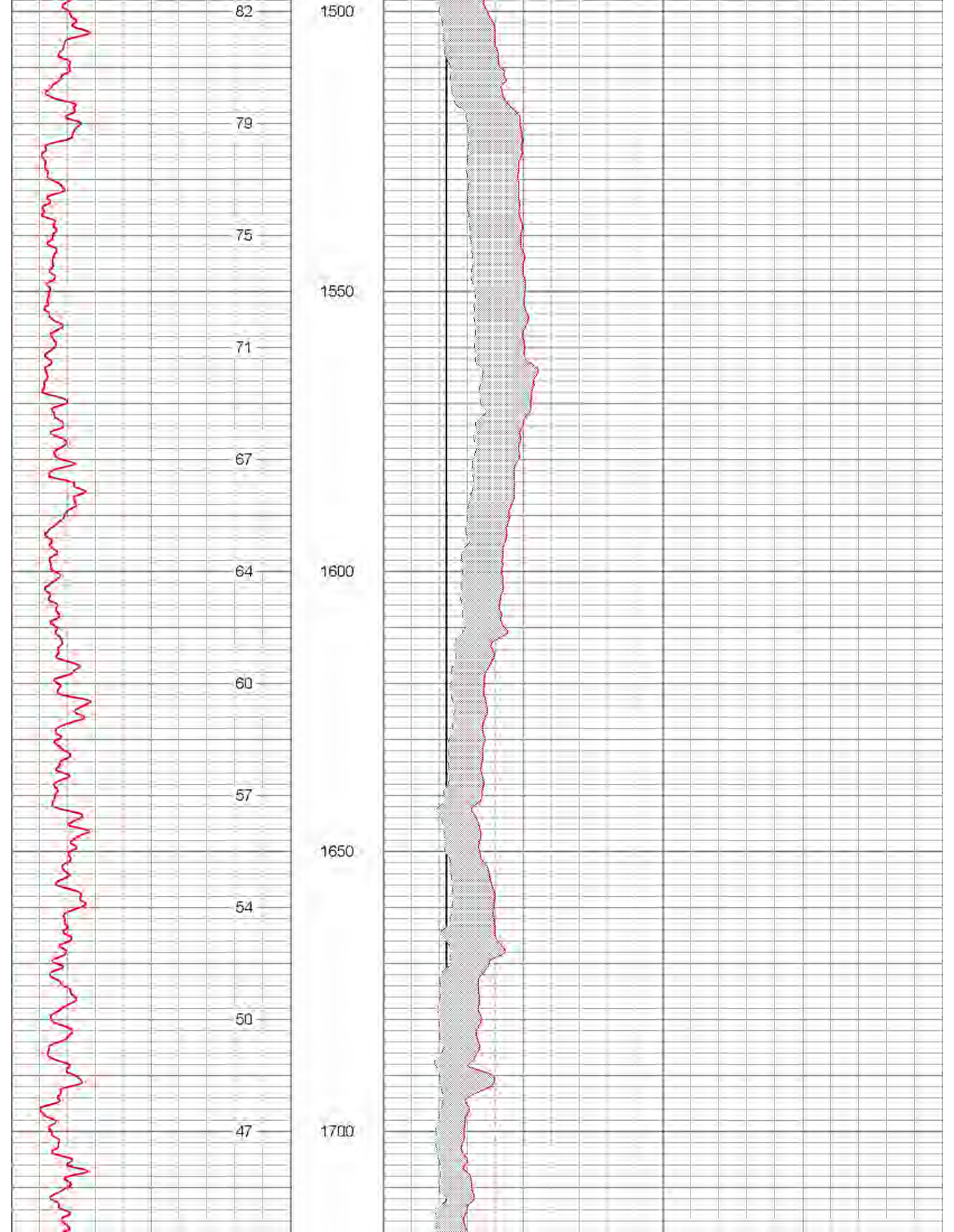
114
110
1350
107
103
100
1400
96
92
1450
89
86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64
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47
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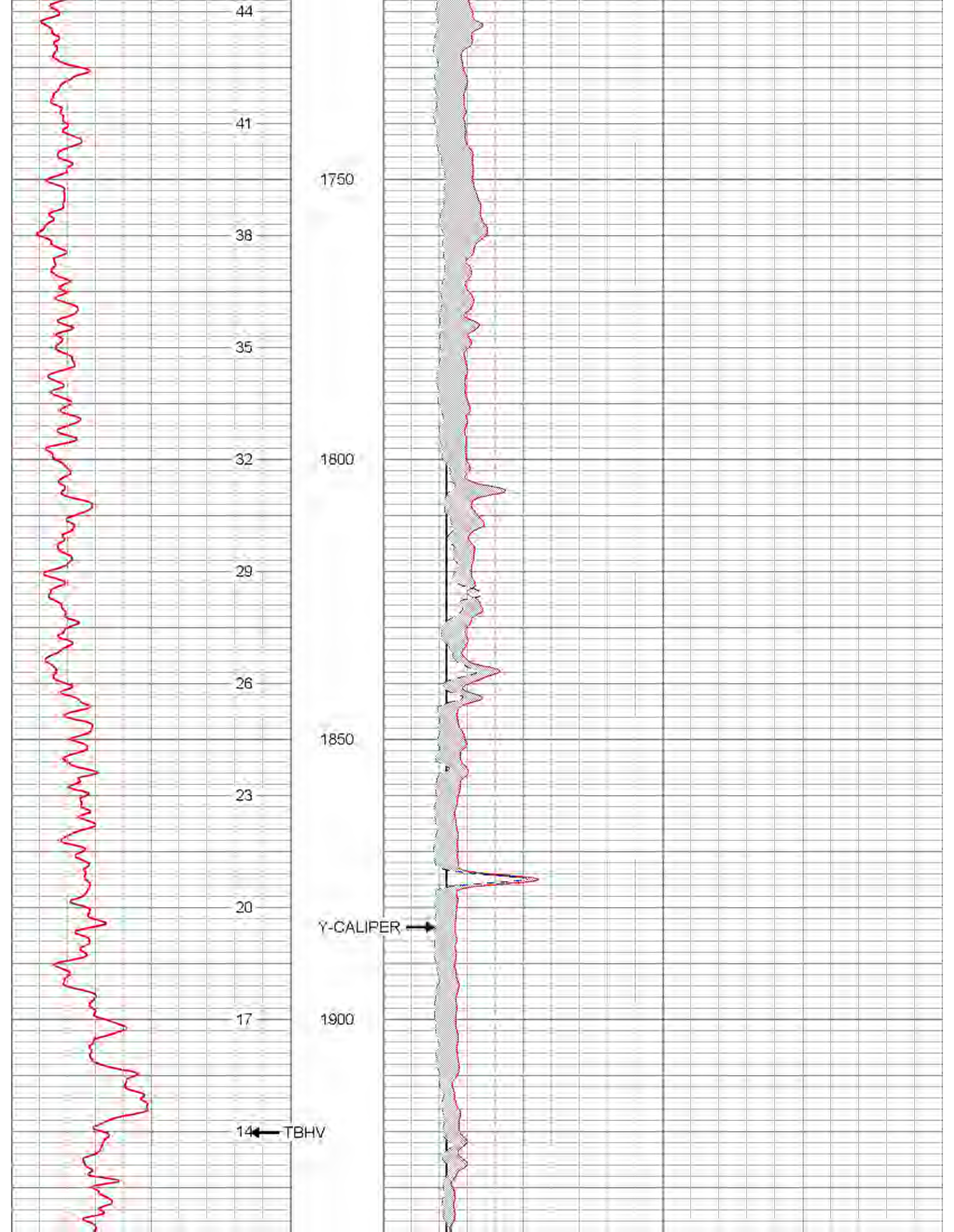
1550
1600
1650
1700


44
41
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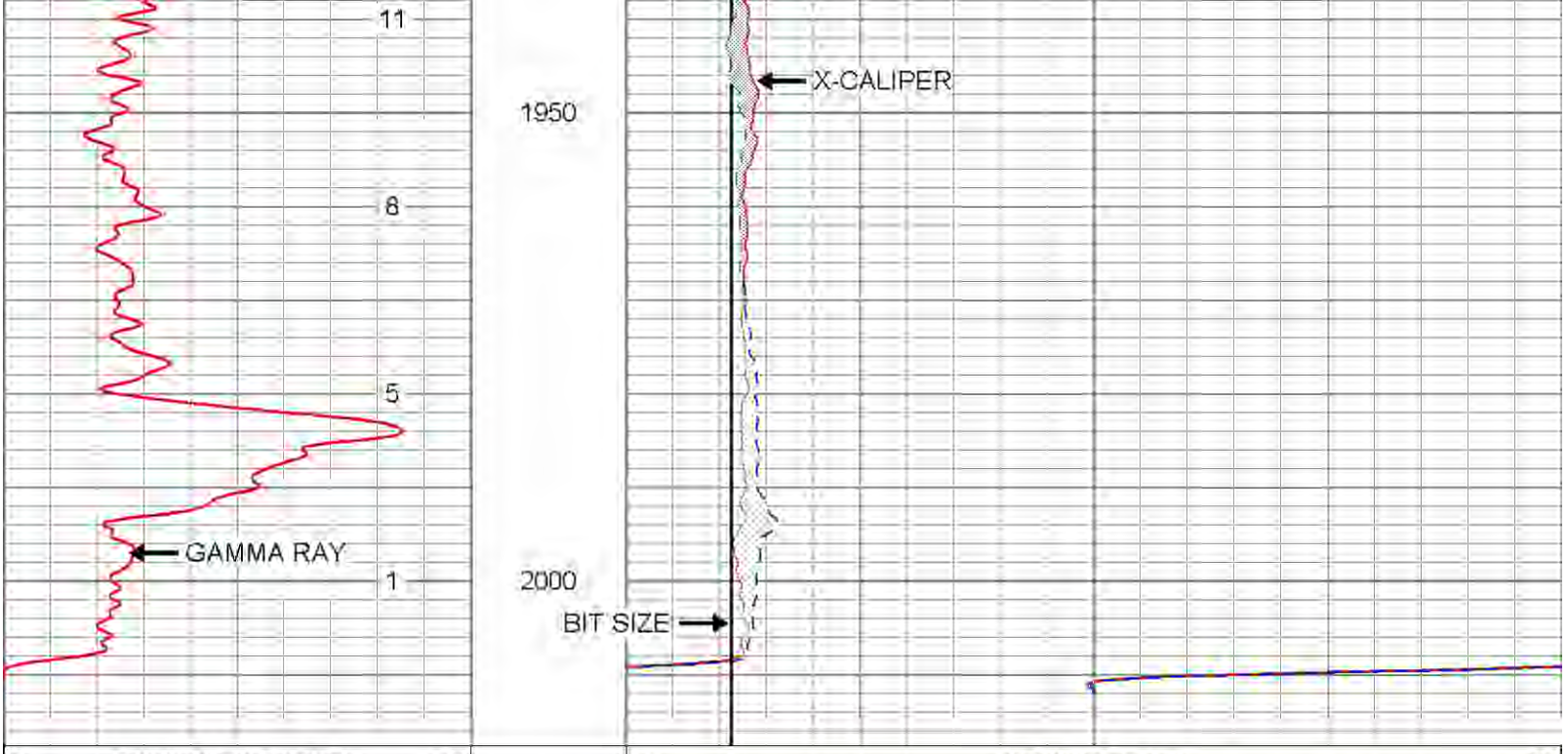
35
32
1800
29
26
1850
23
20
Y-CALIPER
17
1900
14
TBHV

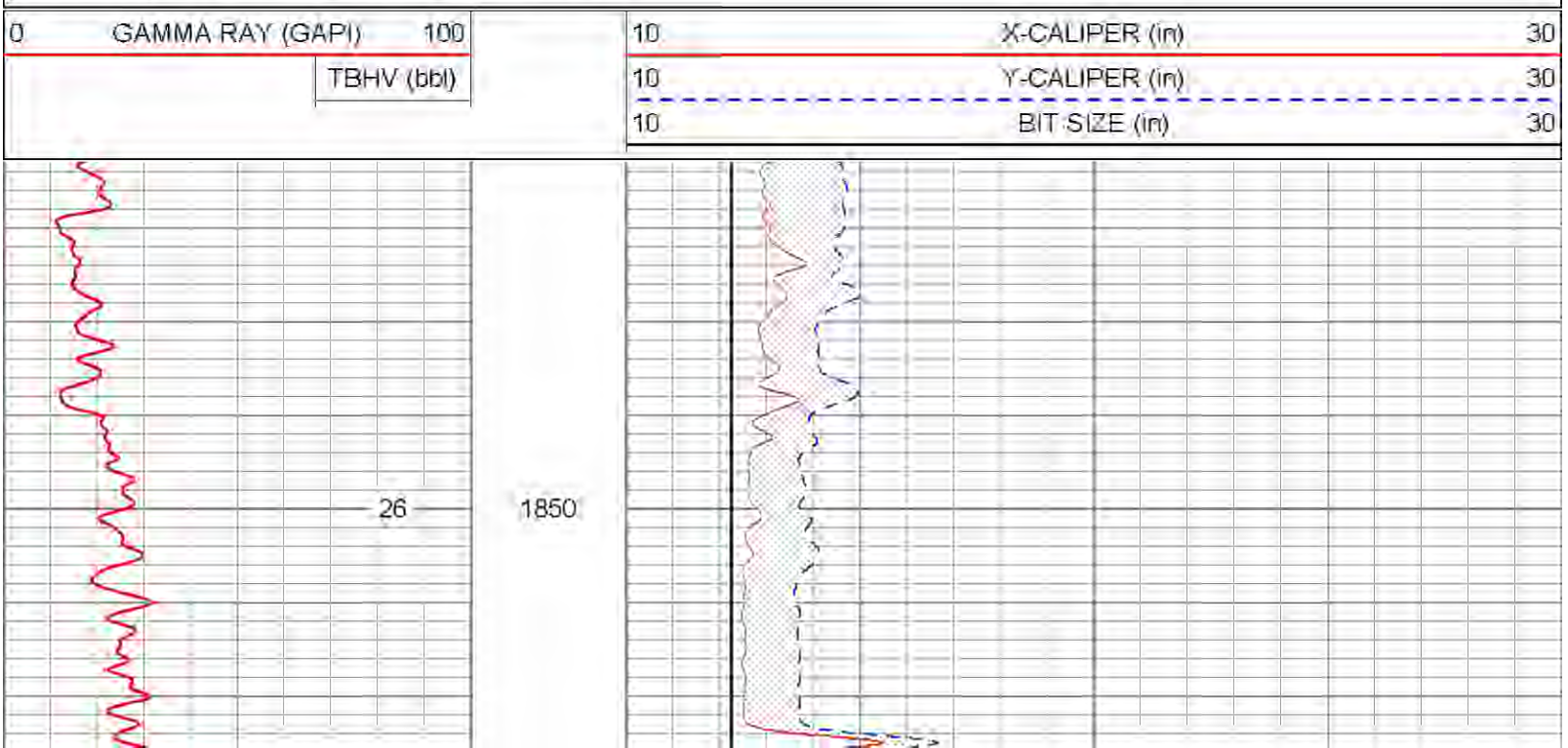


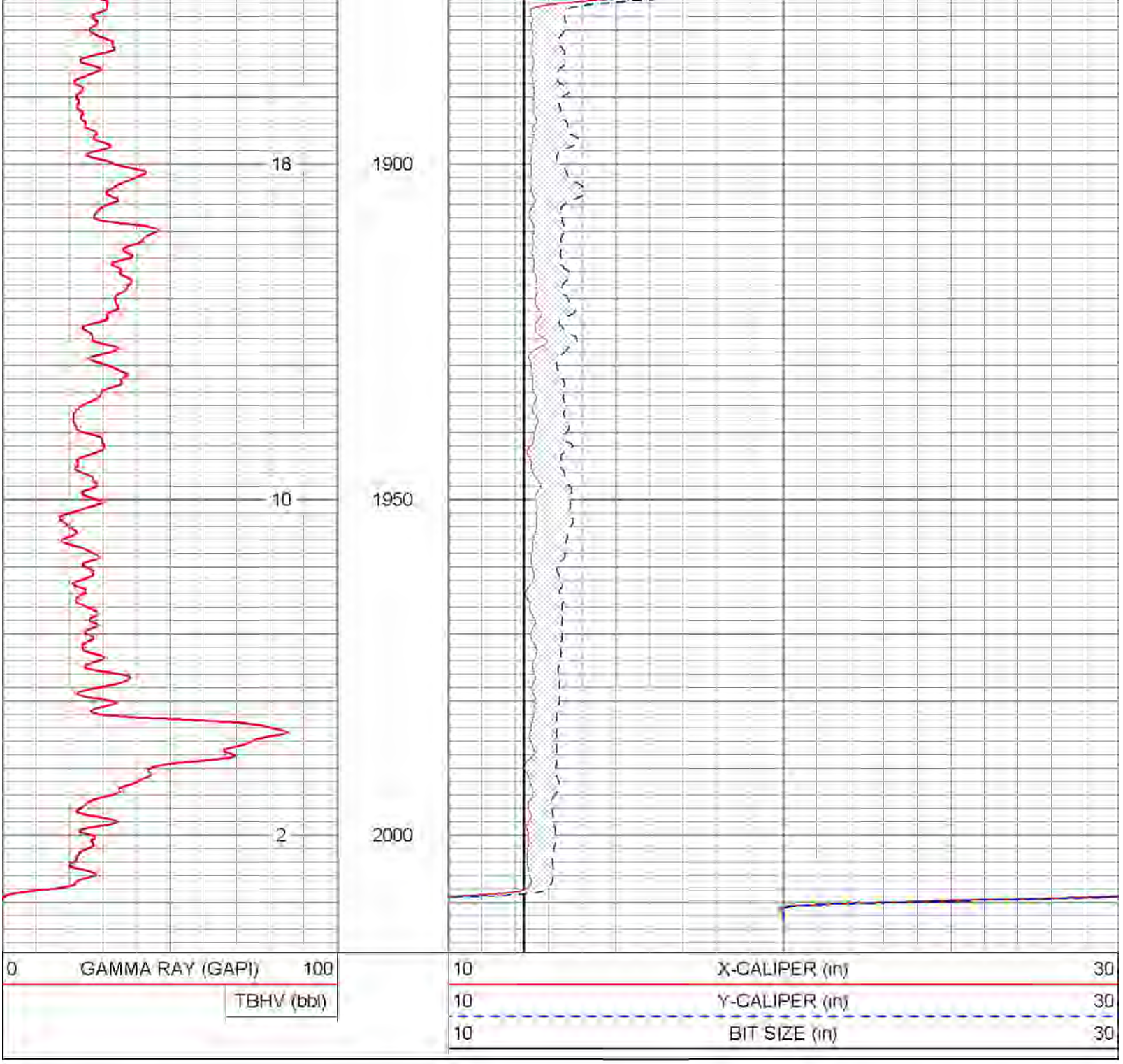
YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

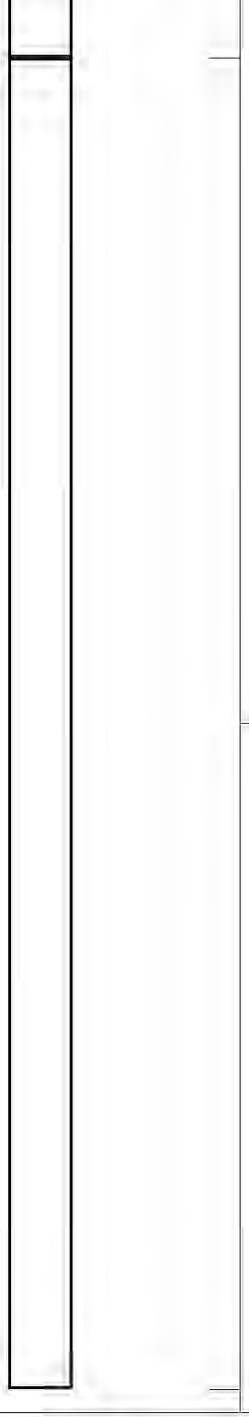
REPEAT PASS

Database File: labelleiw1.db
Dataset Pathname: run5/pass2.1
Presentation Format: grxyc
Dataset Creation: Mon Apr 01 08:10:05 2013 by Calc SOC 110722
Charted by: Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	9.10		GR-GROH (14)	2.75	3.50	40.00



XCAL	5.00				
YCAL	5.00				
		XYC-XYCSM (06SM)	6.60	3.50	87.00

Dataset: labelleiw1.db: field/well/run5/pass3.1
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D. 3.50 in

Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run5/pass3.1
Dataset Creation: Mon Apr 01 08:08:05 2013 by Calc SOC 110722

XY Caliper Calibration Report

Serial Number/Model: 06SM-XYCSM
Performed: Mon Apr 01 04:30:23 2013

	Ring		X Caliper		Y Caliper	
1:	10	in	357.405	cps	367.027	cps
2:	20	in	515.109	cps	531.522	cps
3:	30	in	702.703	cps	729.405	cps
4:		in		cps		cps

5:	in	cps	cps
6:	in	cps	cps

Gamma Ray Calibration Report

Serial Number:	14	
Tool Model:	GROH	
Performed:	Wed May 21 13:24:48 2008	
Calibrator Value:	120.0	GAPI
Background Reading:	45.4	cps
Calibrator Reading:	204.5	cps
Sensitivity:	0.8754	GAPI/cps

X-Y CALIPER GAMMA RAY LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services

SEE COMMENTS

Elevation

K.B.

D.F.

G.L.

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

Company CITY OF LaBELLE
Well IW-1
Field W.T.P No.2
County HENDRY
State FLORIDA

Date	18-MAY-2013		
Run Number	TEN		
Depth Driller	3737'		
Depth Logger	3738'		
Bottom Logged Interval	3738'		
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	0800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MOREY	RIVES	
Witnessed By	DOYLE		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'	FIVE	40.5"	CASING	1810'
TWO	14.75"	CASING	900'	SIX	12.25"	CASING	3737'
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner	34"	.375" W.T.	SURFACE	1800'

<< Fold Here >>>

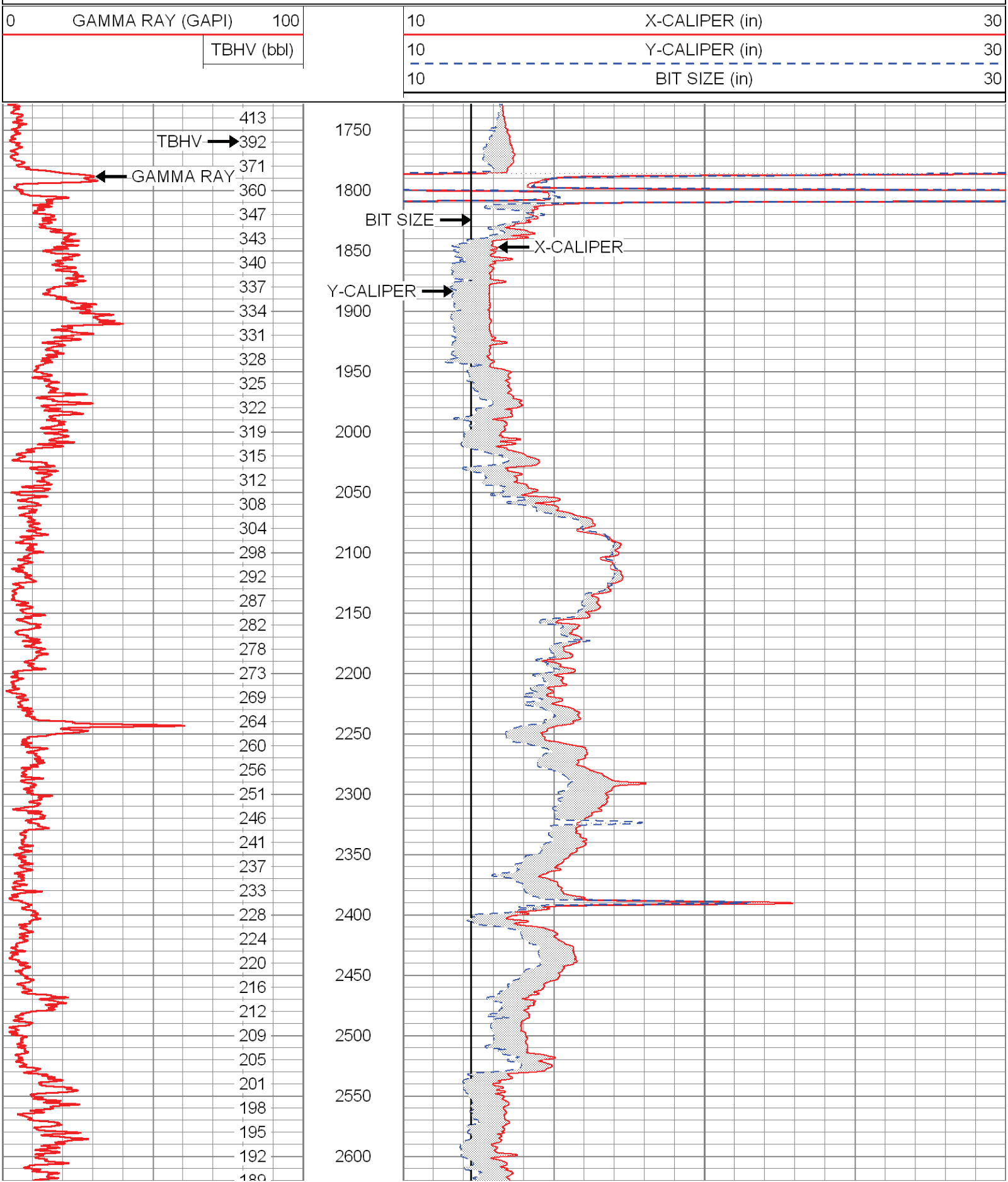
Comments

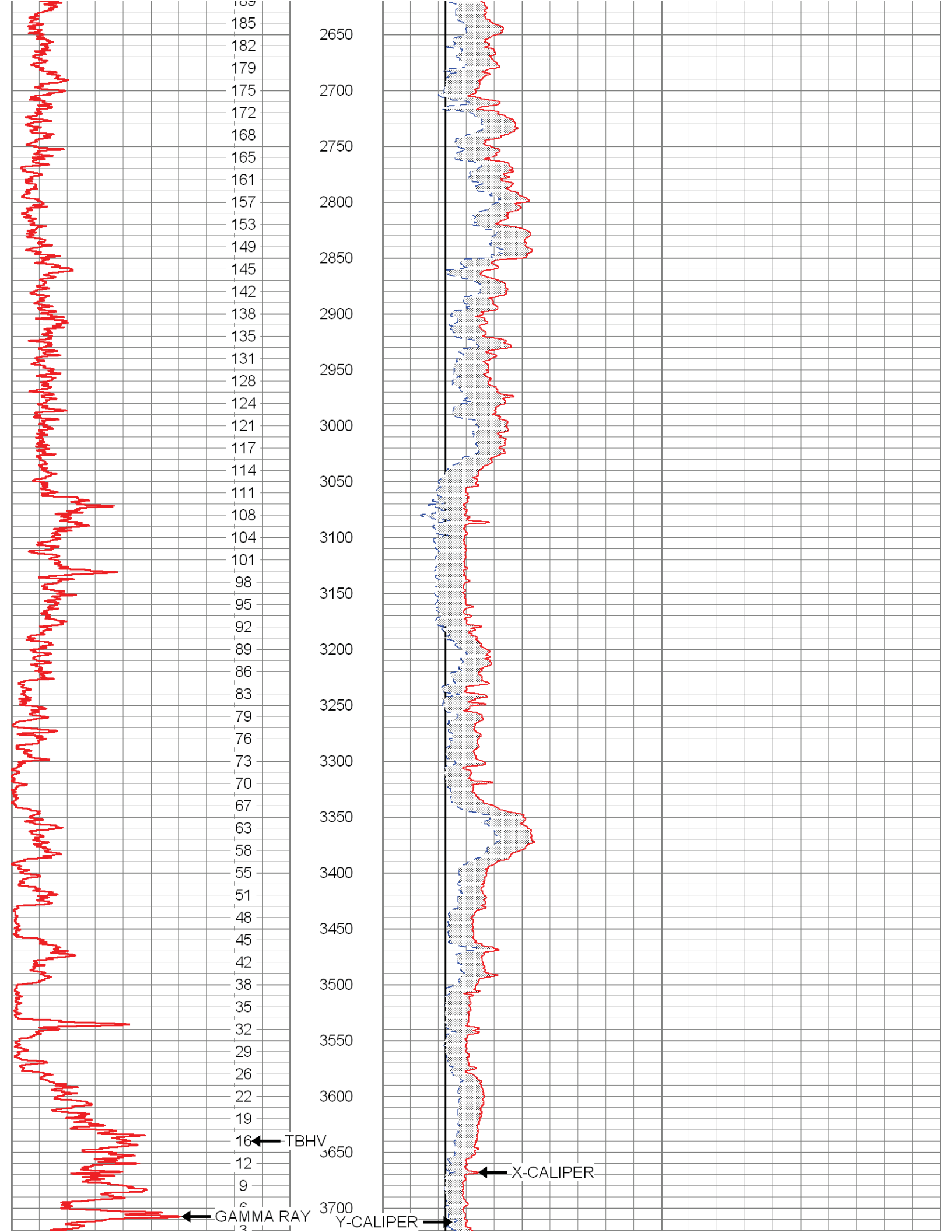
FLUID RESISTIVITY TEMPERATURE
DUAL INDUCTION
BOREHOLE SONIC
FLOWMETER

MAIN PASS

BROTHERS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass4.1
Presentation Format:	grxyc
Dataset Creation:	Sat May 18 09:35:34 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:1200

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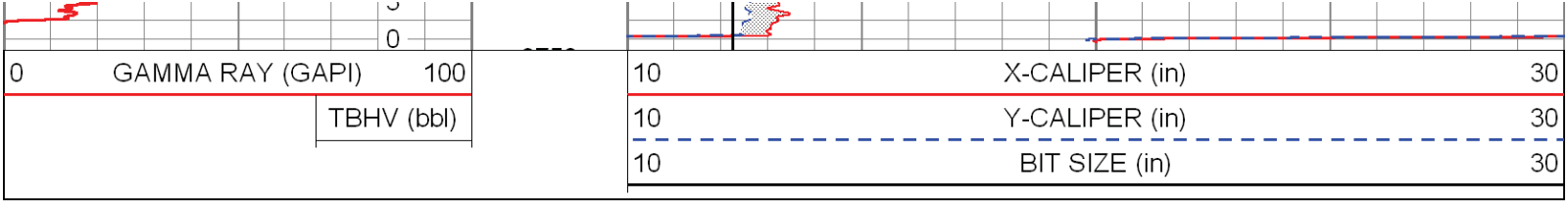
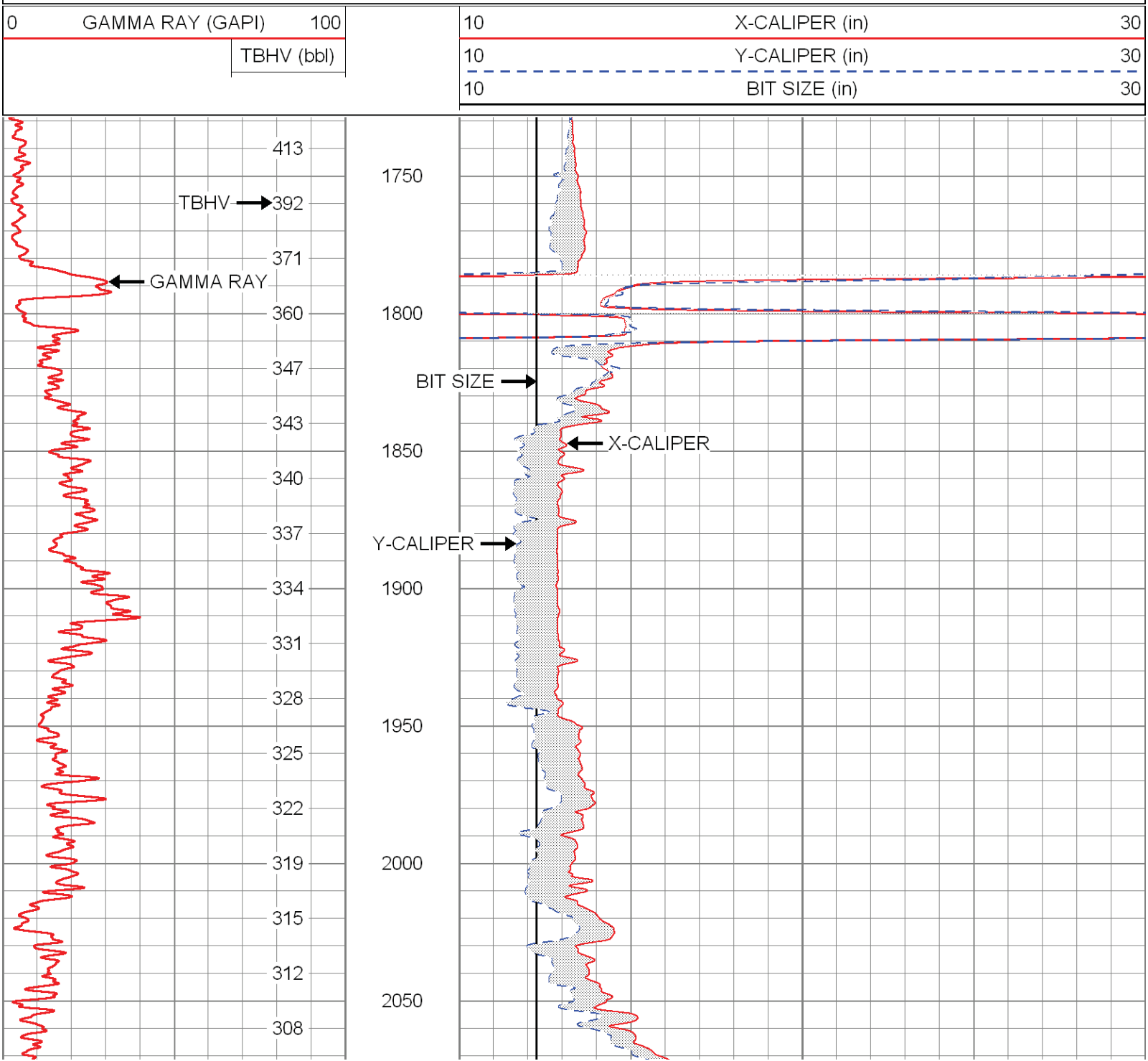
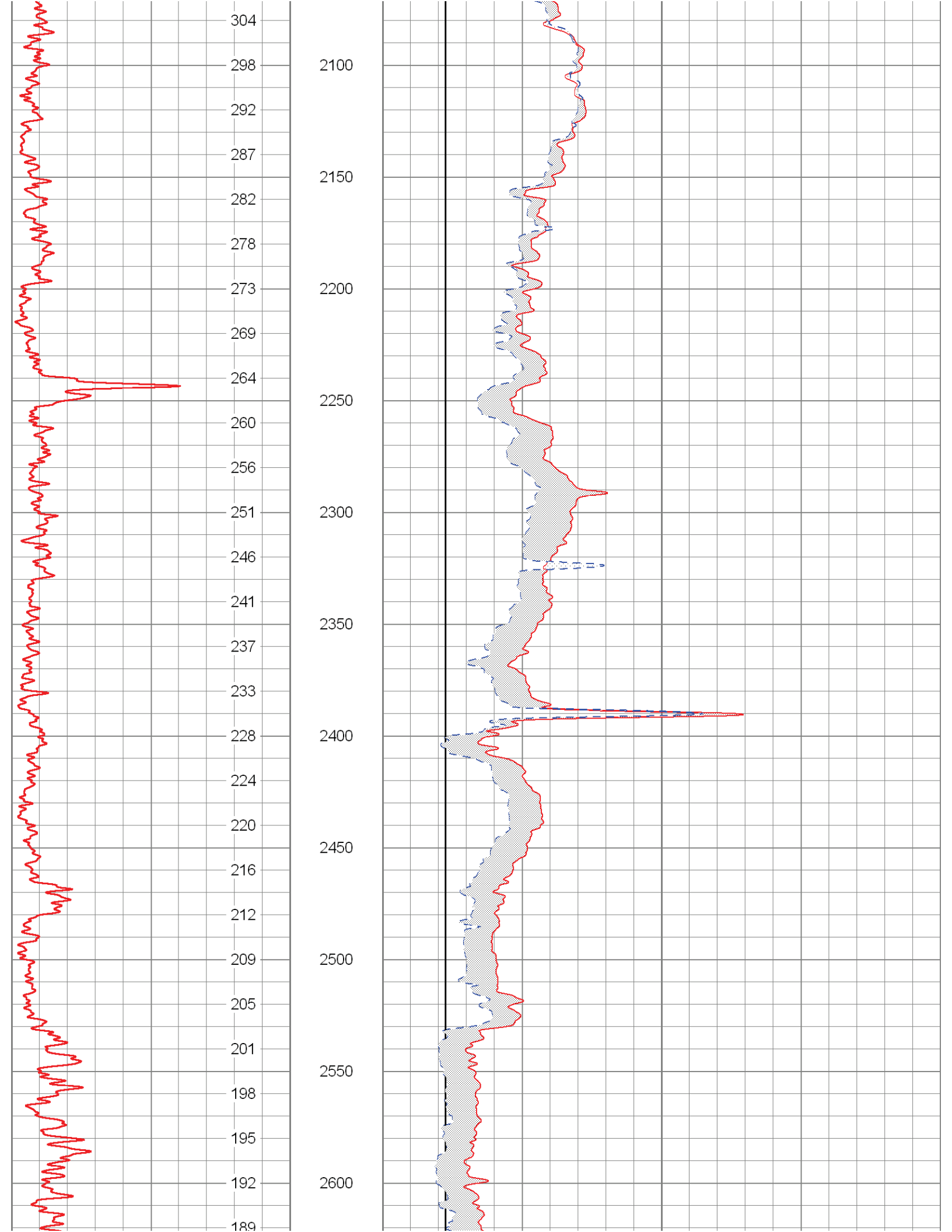
TBHV
GAMMA RAY
X-CALIPER
Y-CALIPER



MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass4.1
Presentation Format:	grxyc
Dataset Creation:	Sat May 18 09:35:34 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:600

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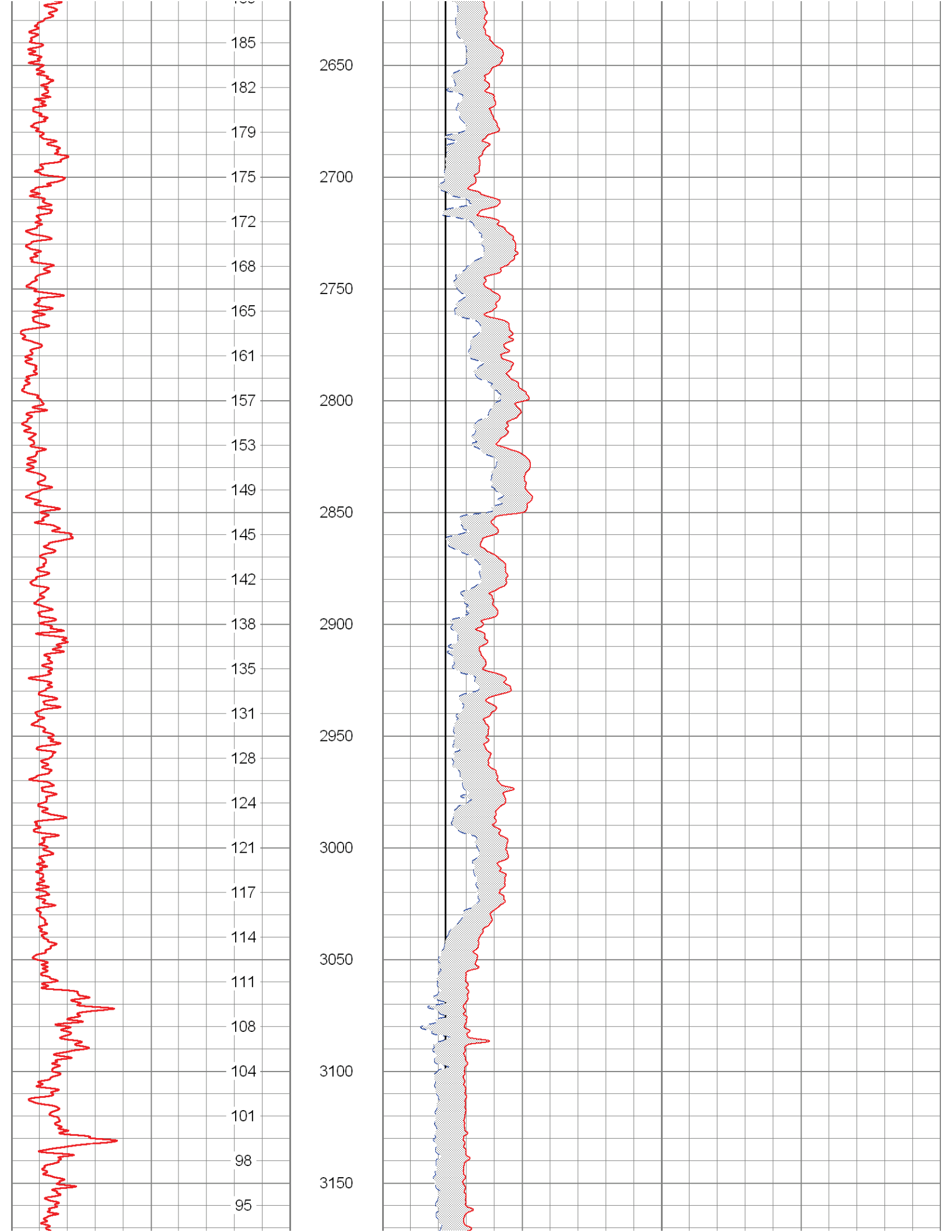
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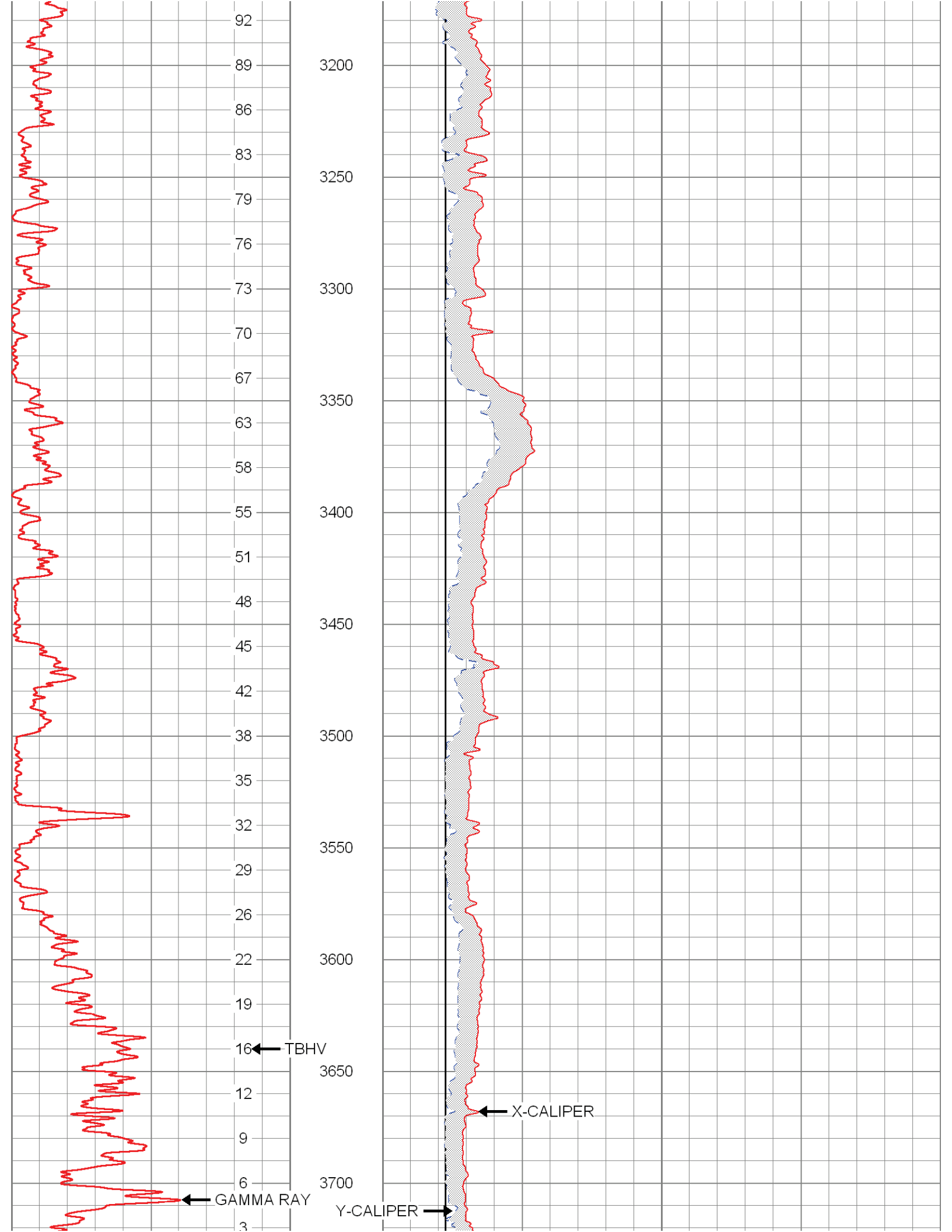
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3200
3250
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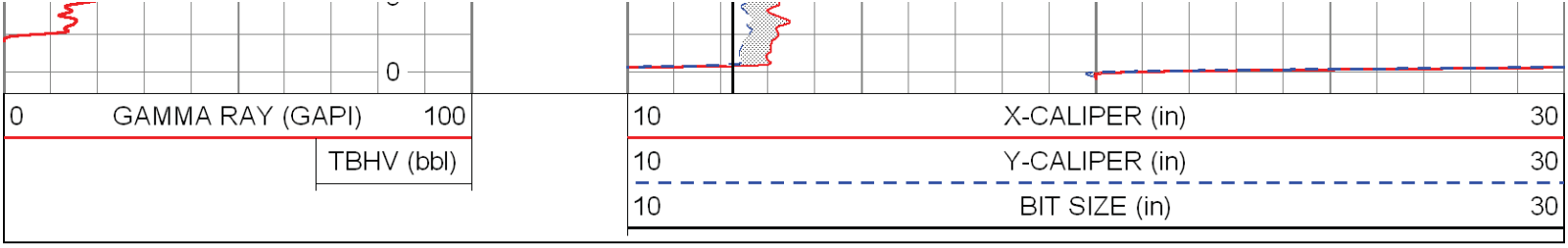
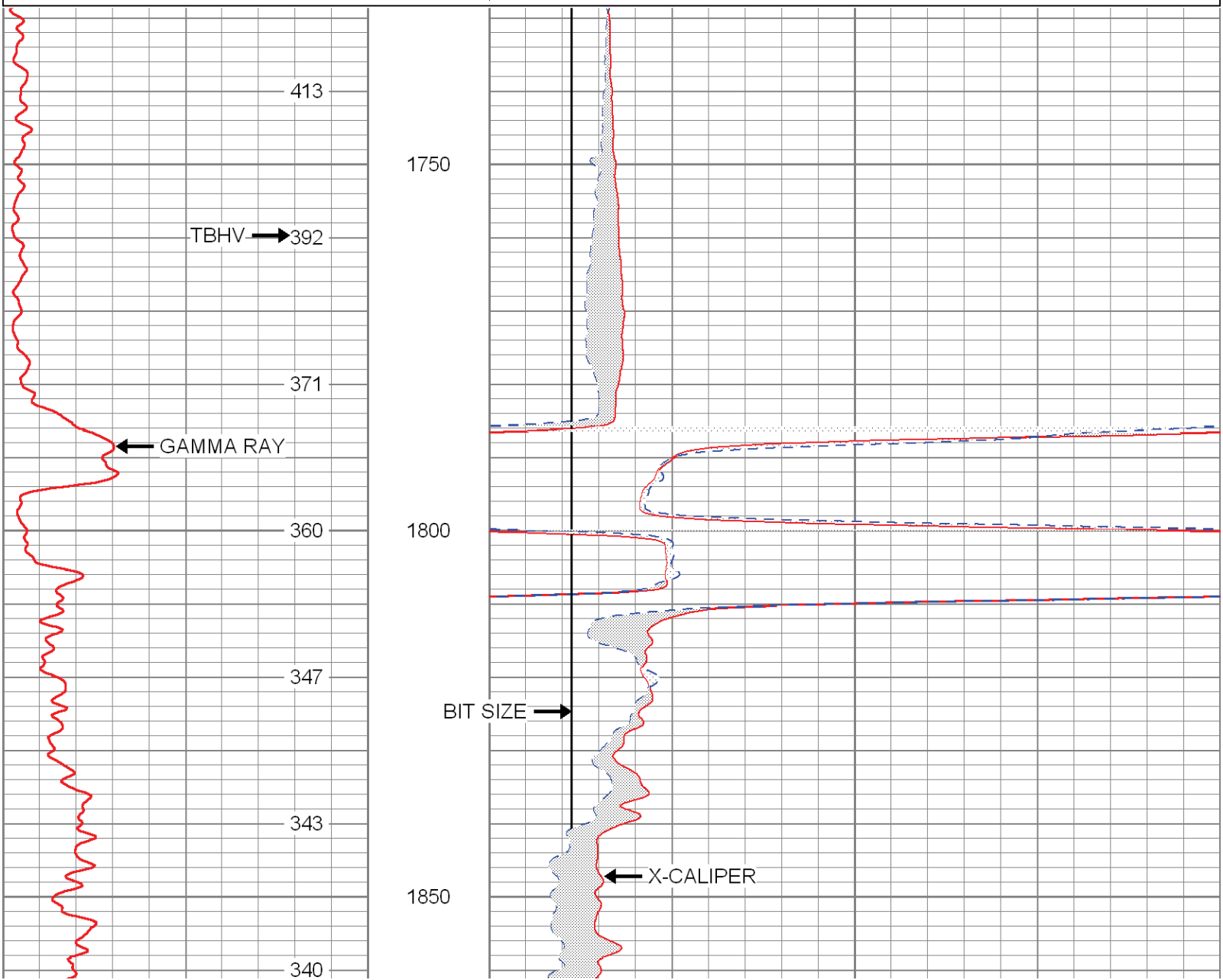
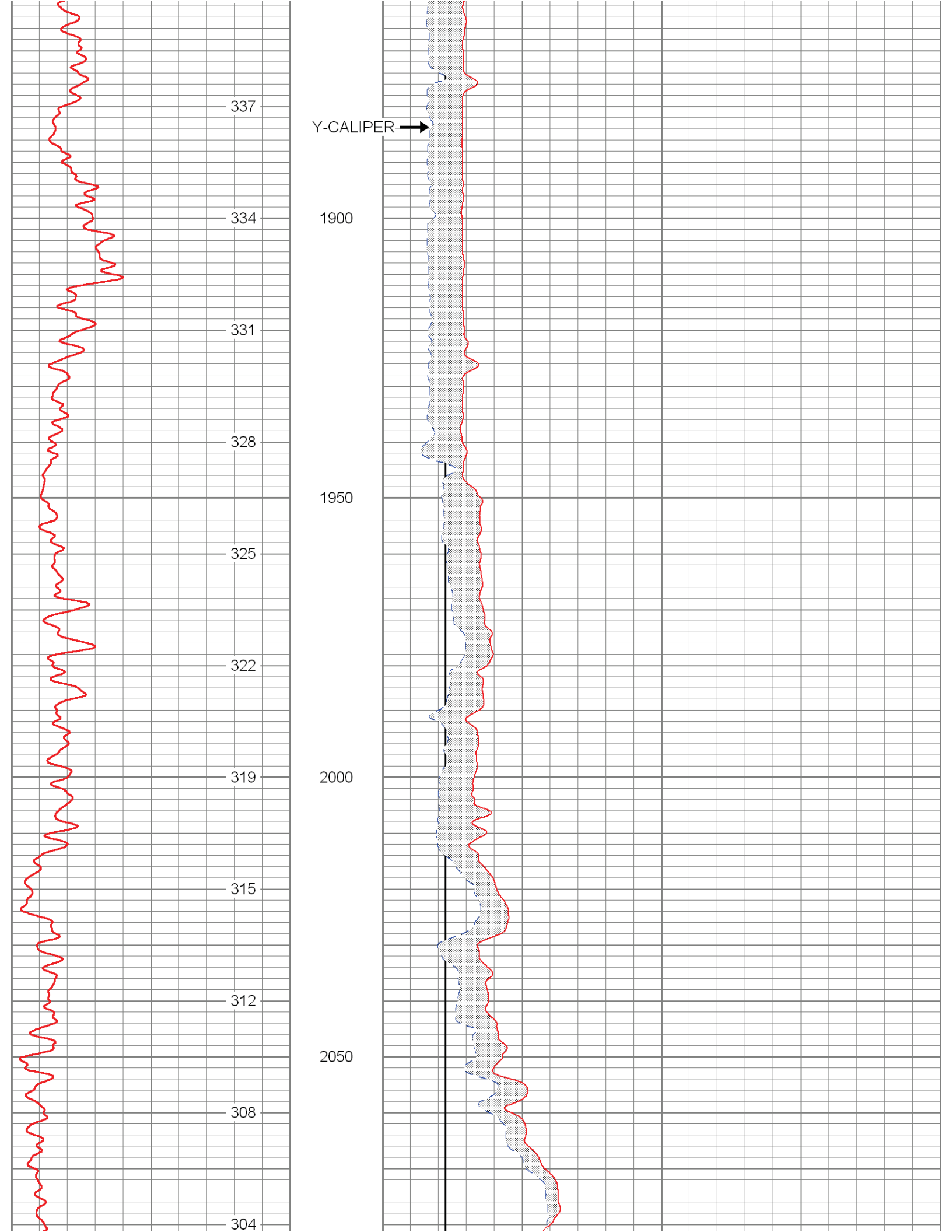
TBHV
GAMMA RAY
X-CALIPER
Y-CALIPER



MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass4.1
Presentation Format:	grxyc
Dataset Creation:	Sat May 18 09:35:34 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240

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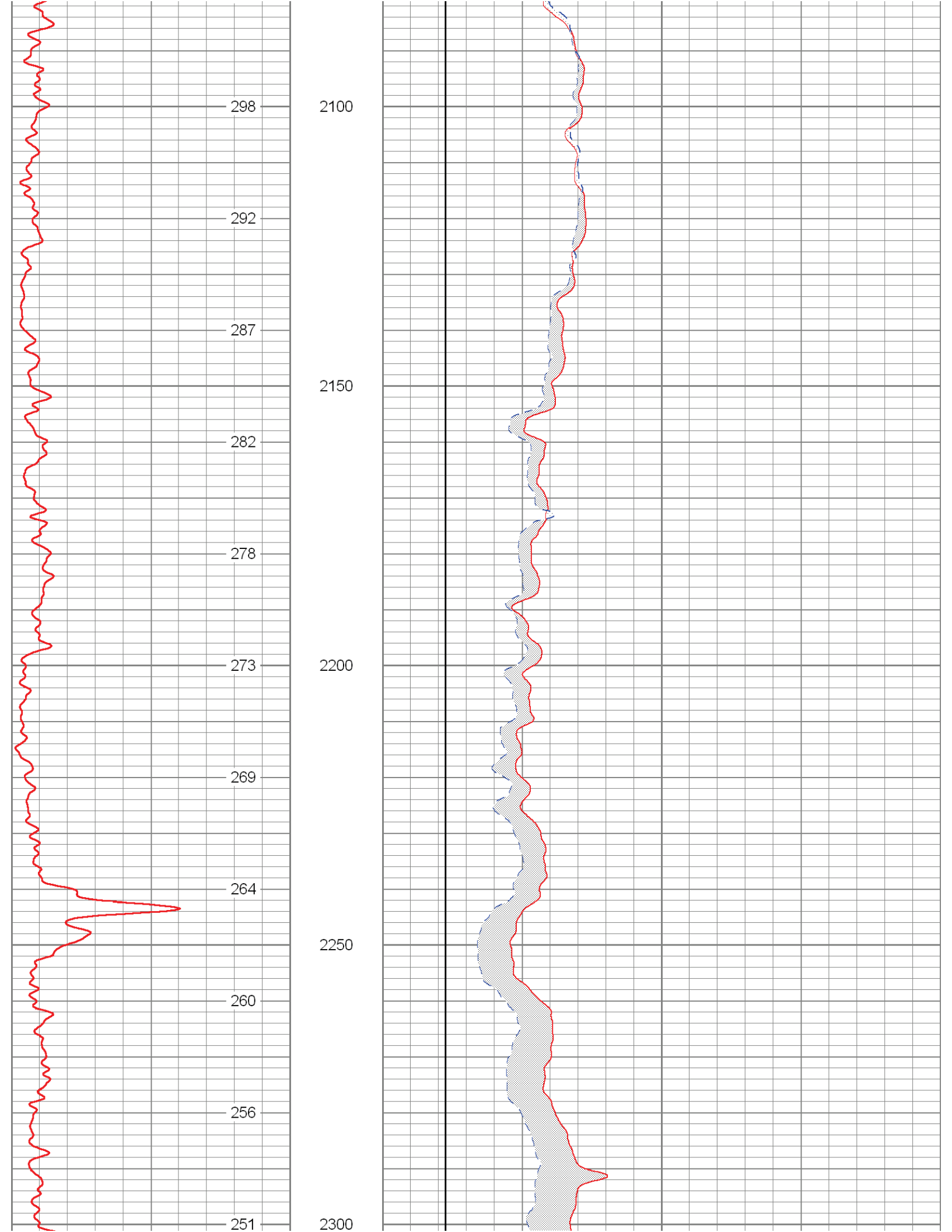
312
308
304
Y-CALIPER
1900
1950
2000
2050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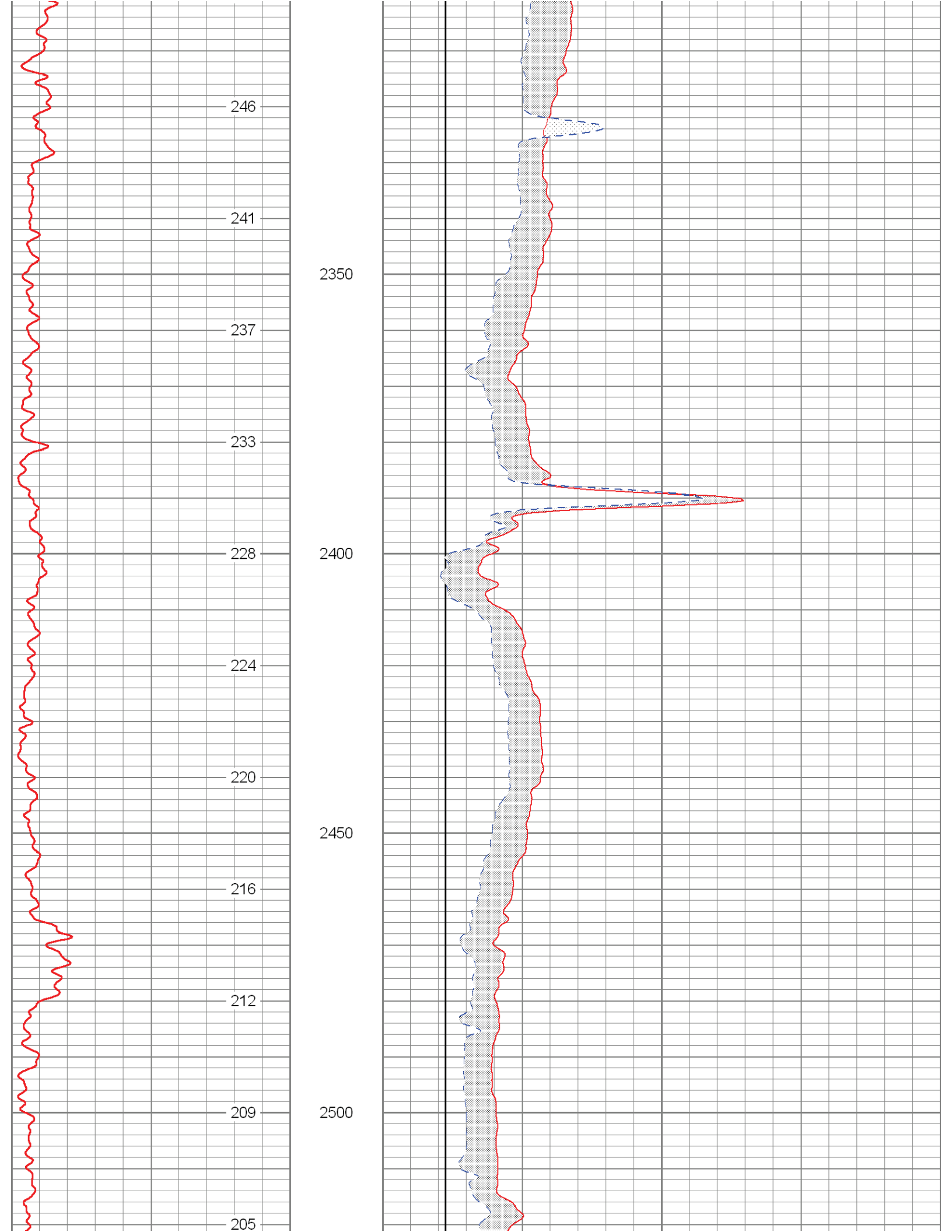
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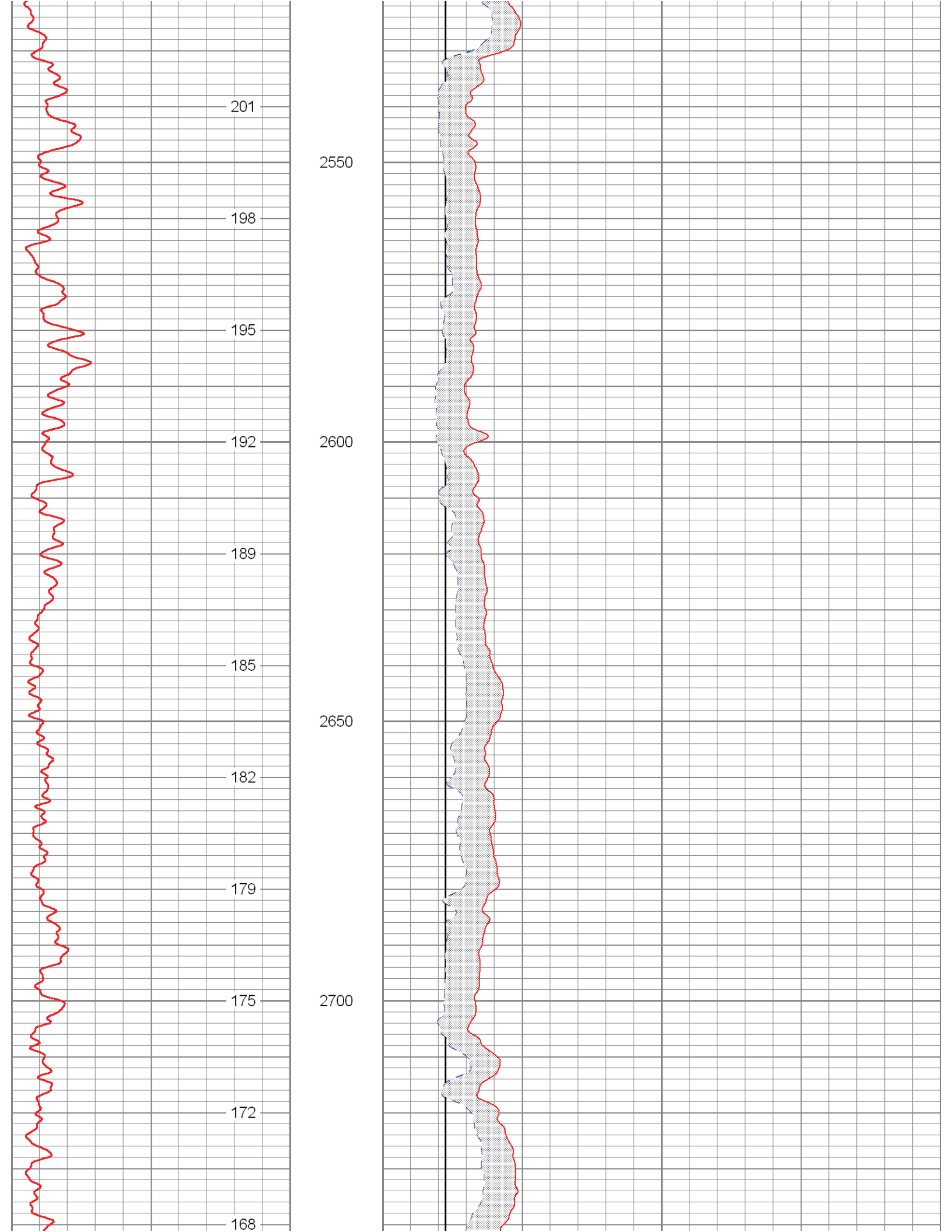
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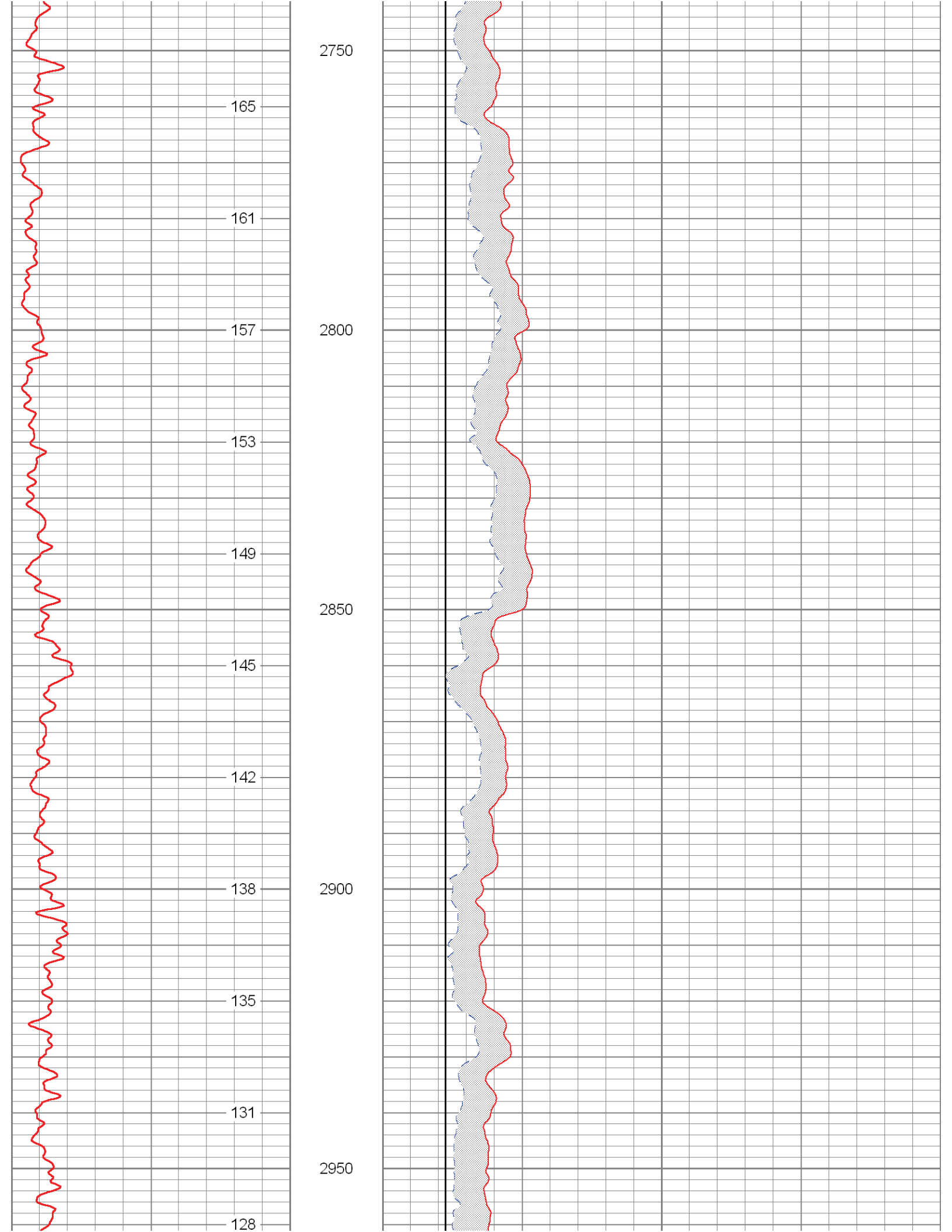
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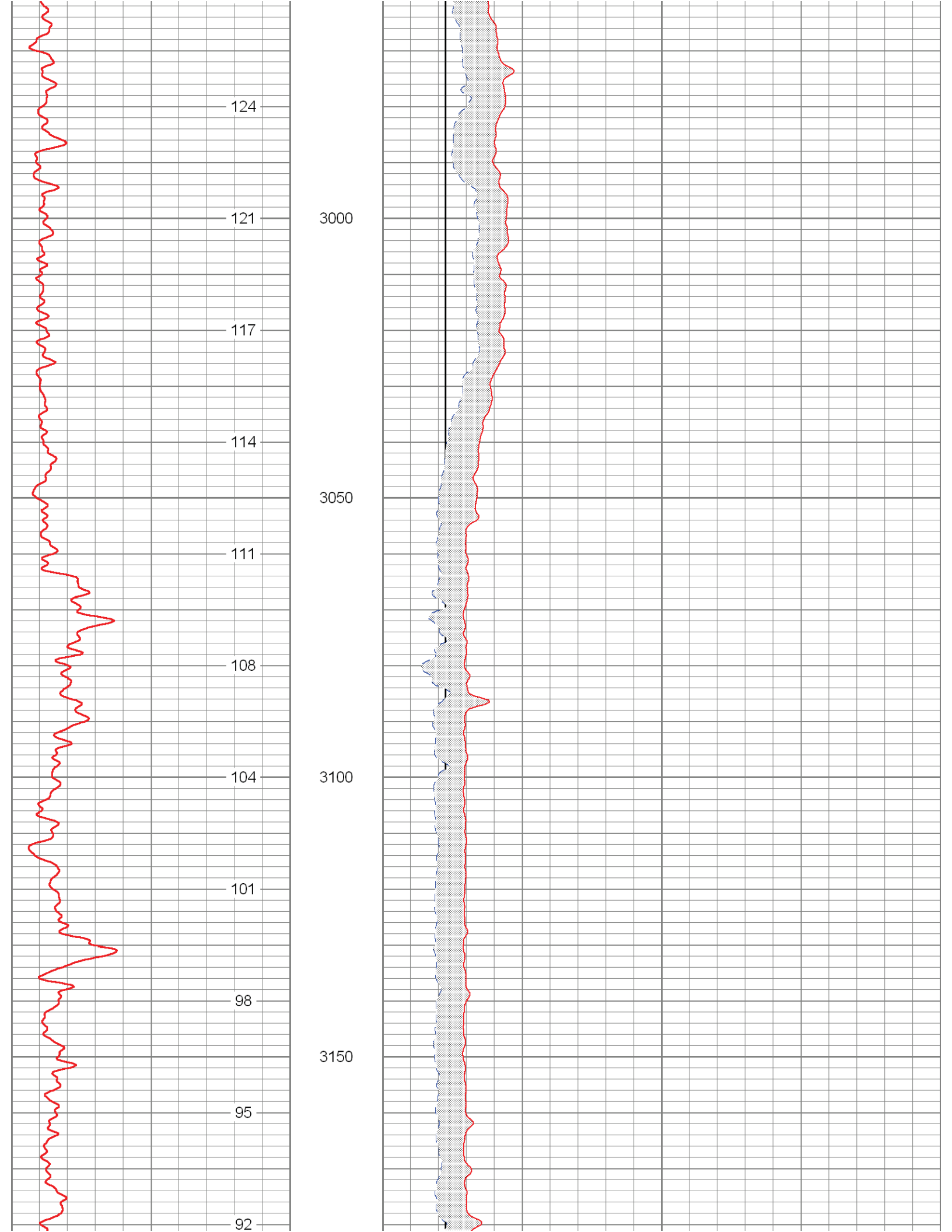
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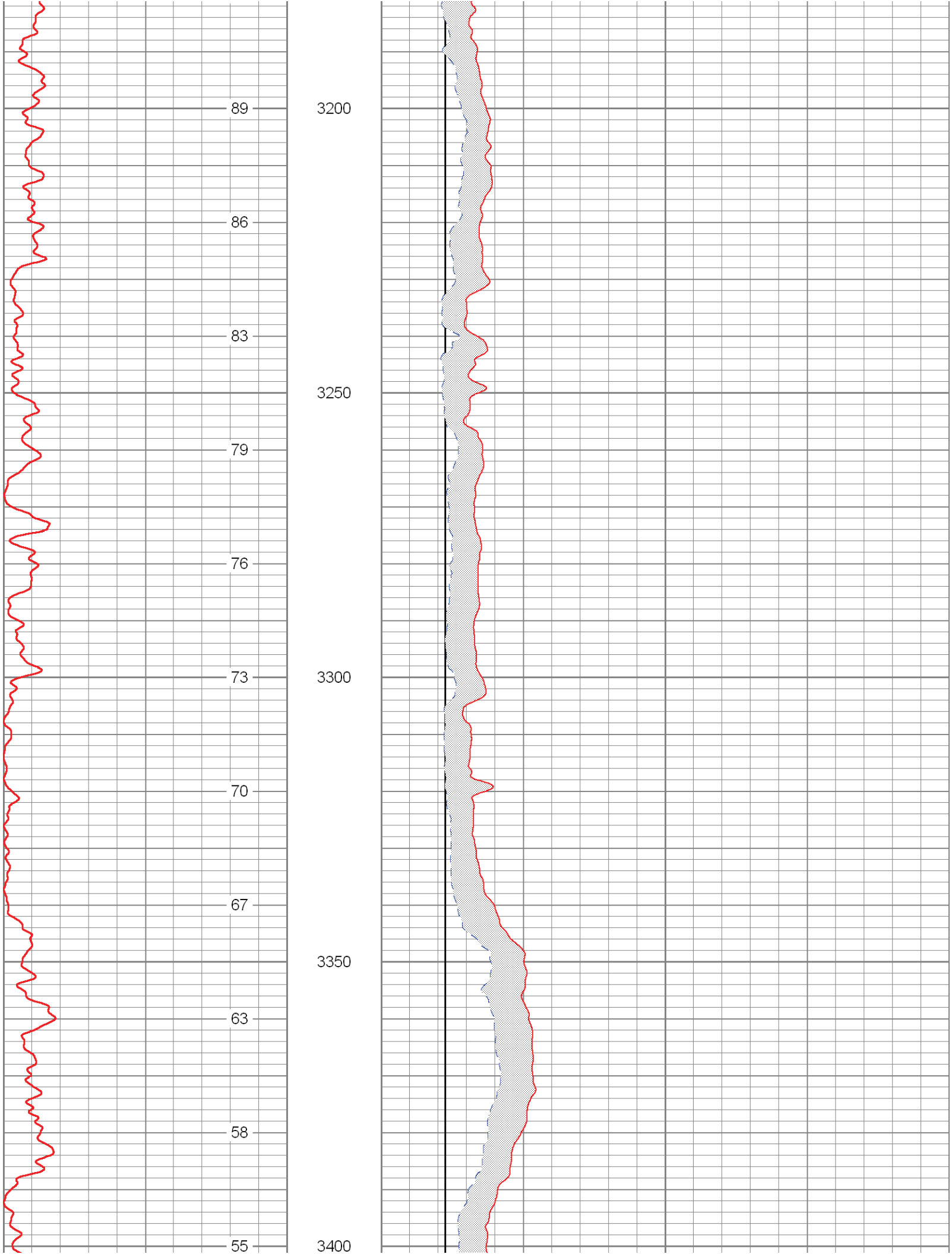
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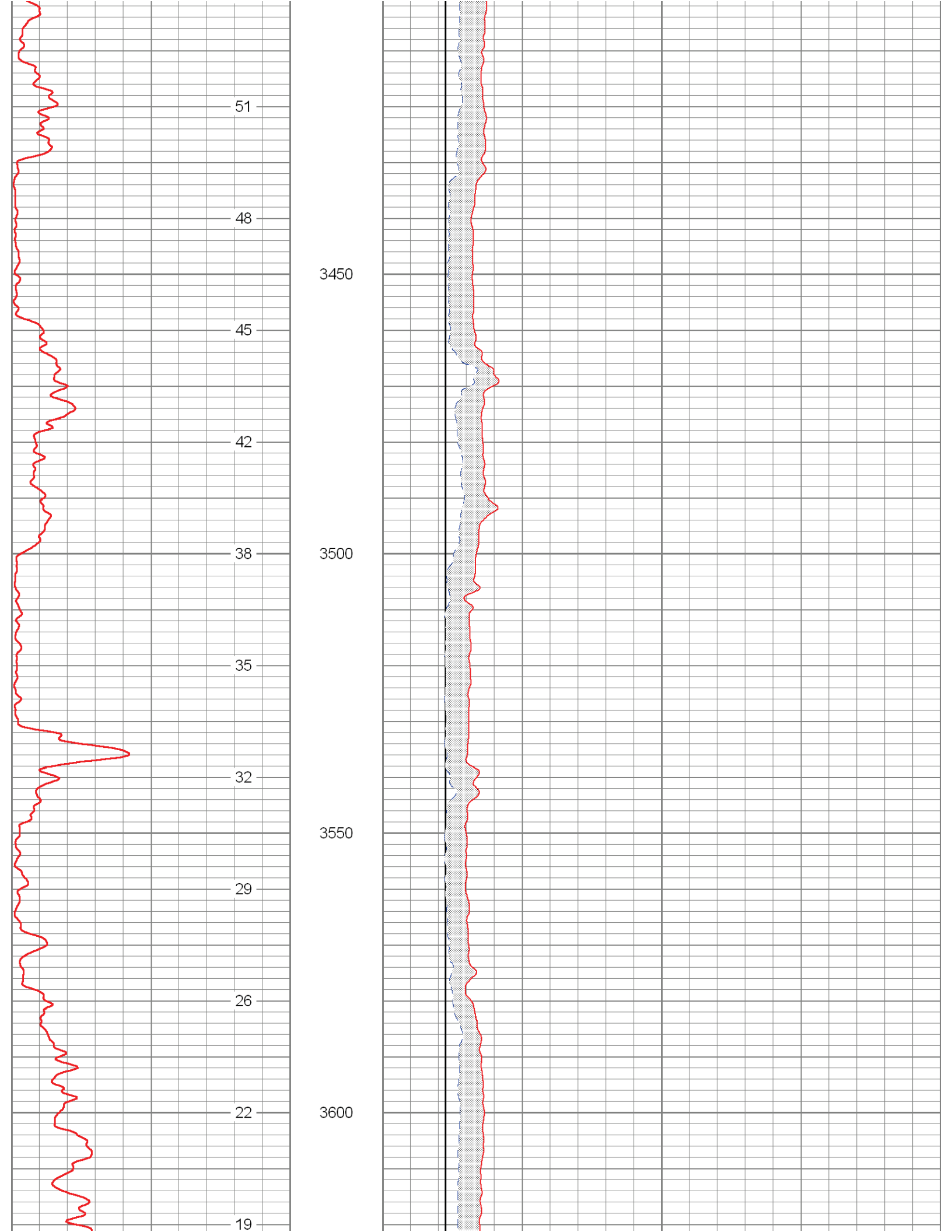
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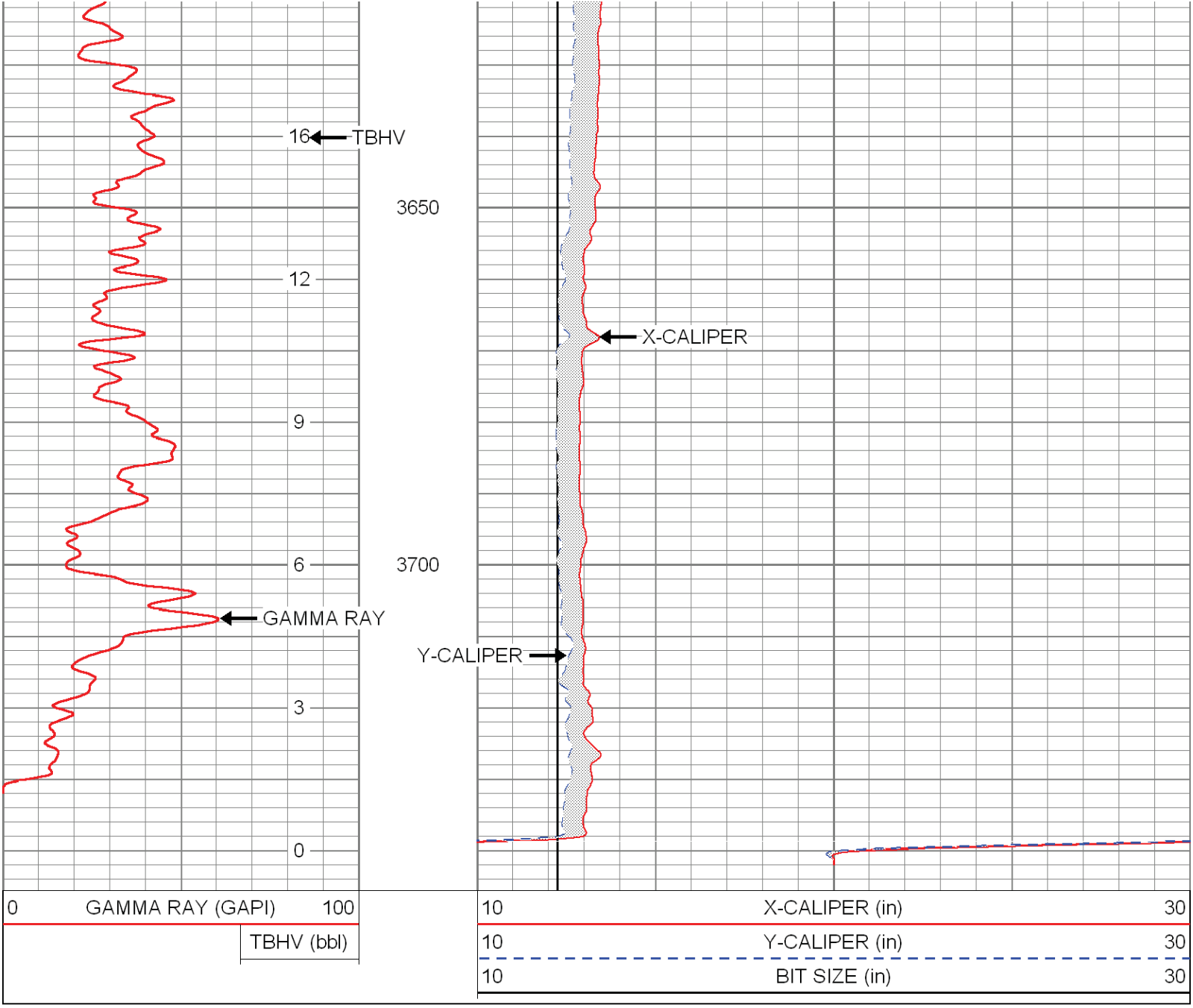
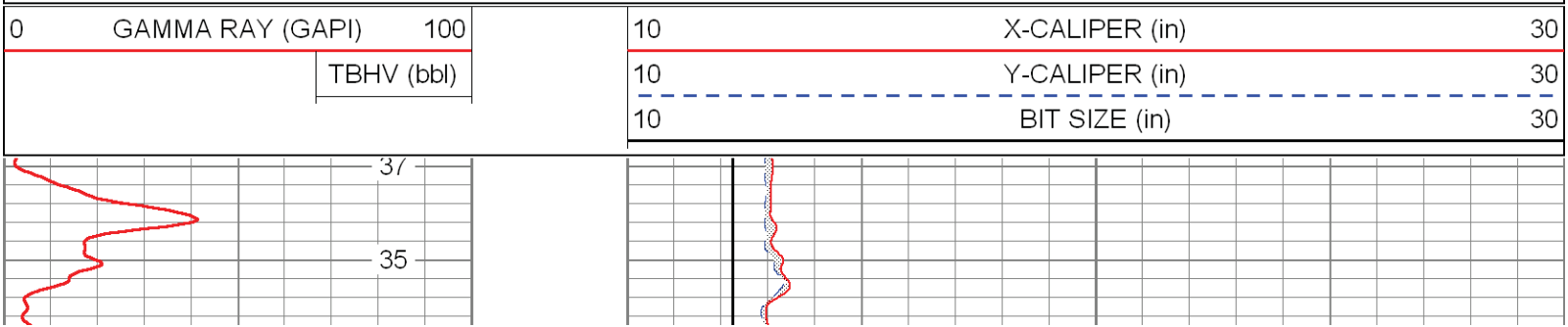
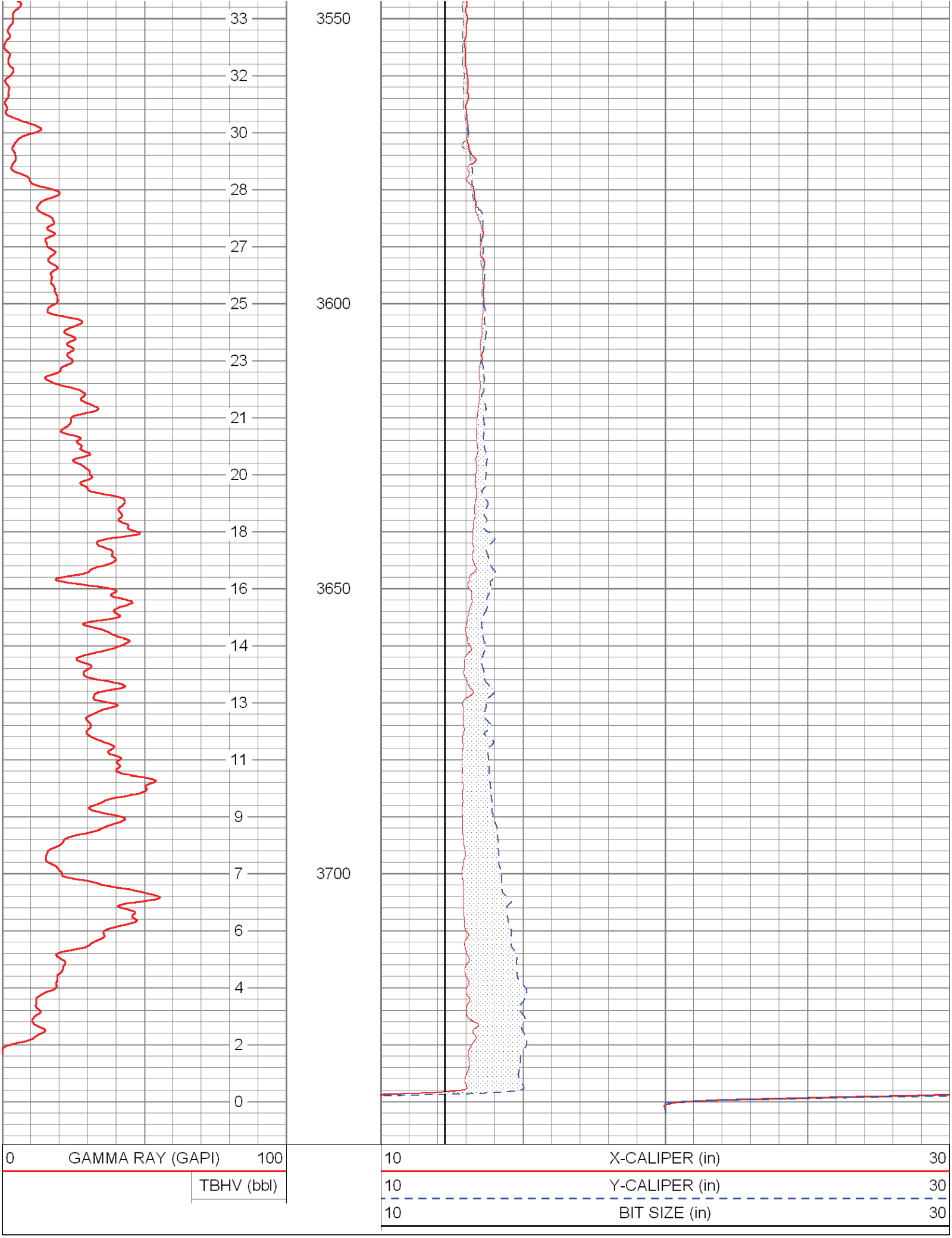


REPEAT PASS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass3.1
Presentation Format:	grxyc
Dataset Creation:	Sat May 18 09:49:13 2013 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240

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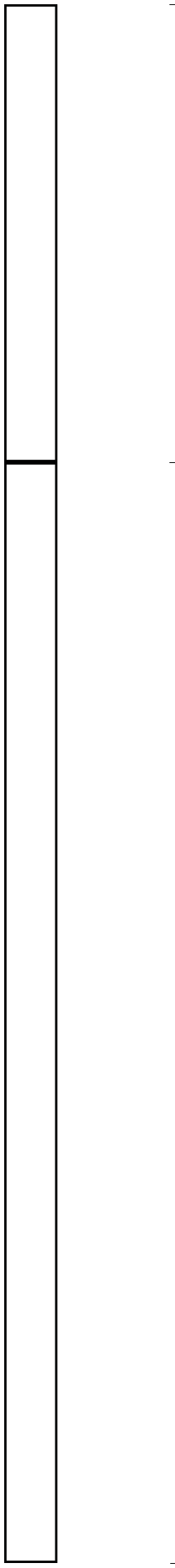
14
13
11
9
7
6
4
2
0
3550
3600
3650
3700
0
GAMMA RAY (GAPI)
100
TBHV (bbl)
10
X-CALIPER (in)
30
10
Y-CALIPER (in)
30
10
BIT SIZE (in)
30

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			GR-GROH (14)	2.75	3.50	40.00
GR	7.60					
XCAL	3.50					
YCAL	3.50		XYC-XYCSM (06SM)	6.60	3.50	87.00



Dataset:	labelleiw1.db: field/well/run10/pass4.1
Total Length:	9.35 ft
Total Weight:	127.00 lb
O.D.	3.50 in

Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run10/pass4.1
Dataset Creation: Sat May 18 09:35:34 2013 by Calc SOC 110722

XY Caliper Calibration Report

Serial Number/Model: 06SM-XYCSM
Performed: Sat May 18 07:19:23 2013

	Ring		X Caliper		Y Caliper	
1:	10	in	352.609	cps	360.652	cps
2:	20	in	518.37	cps	505.652	cps
3:	30	in	703.135	cps	697.405	cps
4:	33.25	in	794.736	cps	758.947	cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number: 14
Tool Model: GROH
Performed: Wed May 21 13:24:48 2008

Calibrator Value: 120.0 GAPI

Background Reading: 45.4 cps
Calibrator Reading: 204.5 cps

Sensitivity: 0.8754 GAPI/cps

DUAL INDUCTION
LL3 with SP
LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services

SEE COMMENTS

Elevation

K.B.

D.F.

G.L.

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

Date	18-MAY-2013		
Run Number	TEN		
Depth Driller	3737'		
Depth Logger	3738'		
Bottom Logged Interval	3738'		
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	0800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MOREY	RIVES	
Witnessed By	DOYLE		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'	FIVE	40.5"	CASING	1810'
TWO	14.75"	CASING	900'	SIX	12.25"	CASING	3737'
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner	34"	.375" W.T.	SURFACE	1800'

<< Fold Here >>>

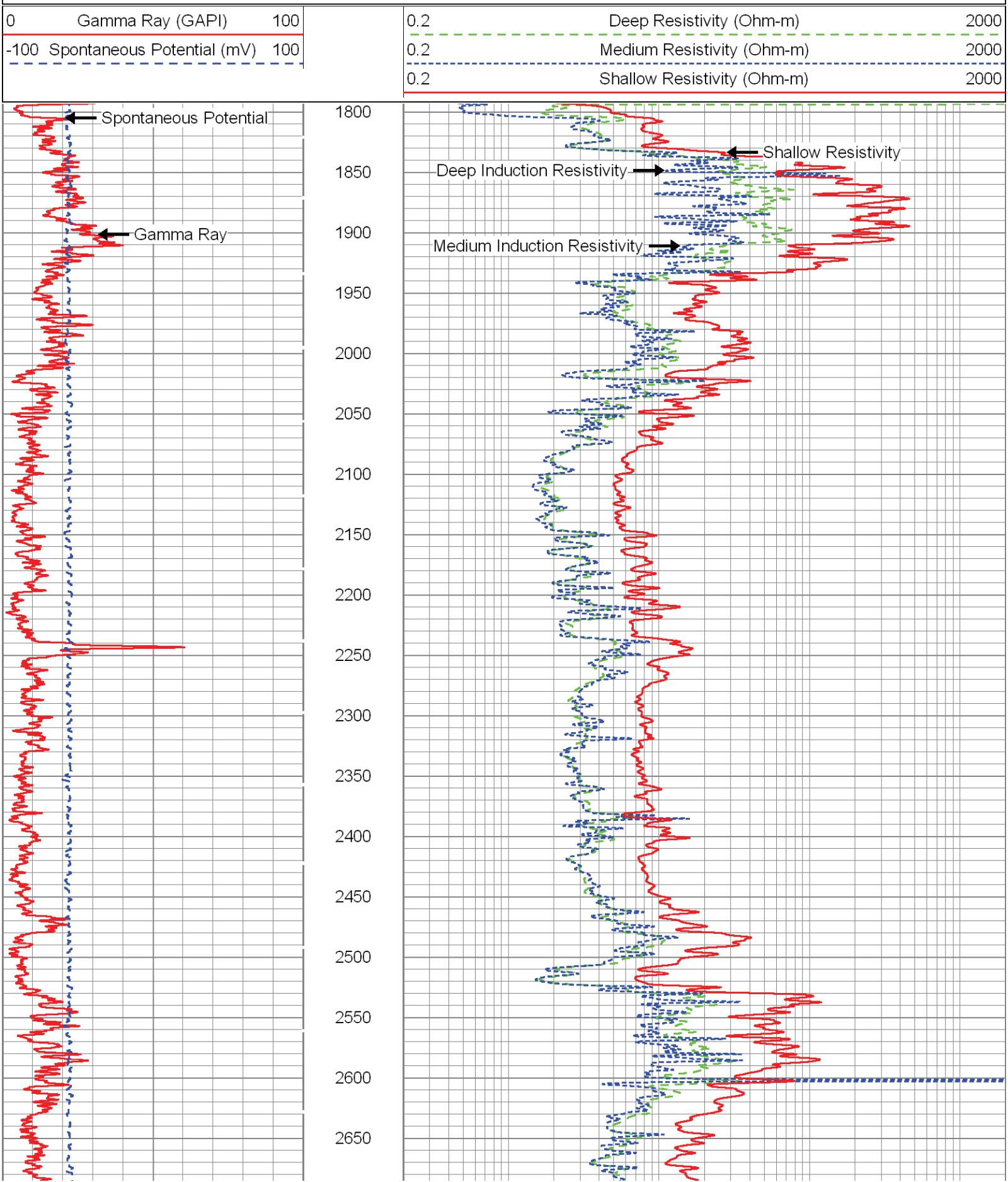
Comments

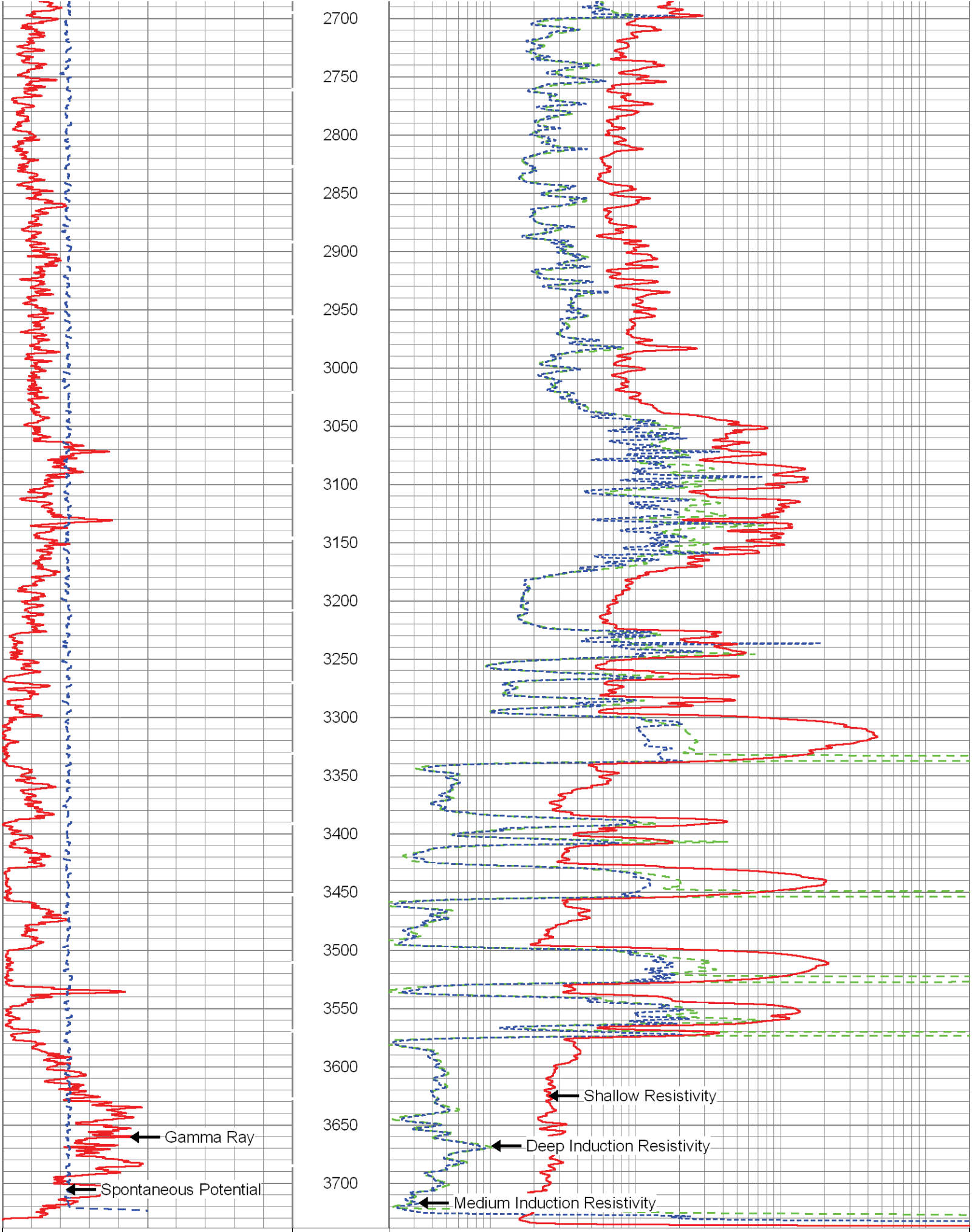
FLUID RESISTIVITY TEMPERATURE
XY- CALIPER/GAMMA-RAY
BOREHOLE SONIC
FLOWMETER

MAIN PASS

BROTHERS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass6
Presentation Format:	dil
Dataset Creation:	Sat May 18 11:30:57 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:1200

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3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
Gamma Ray
Spontaneous Potential
Shallow Resistivity
Deep Induction Resistivity
Medium Induction Resistivity
0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000

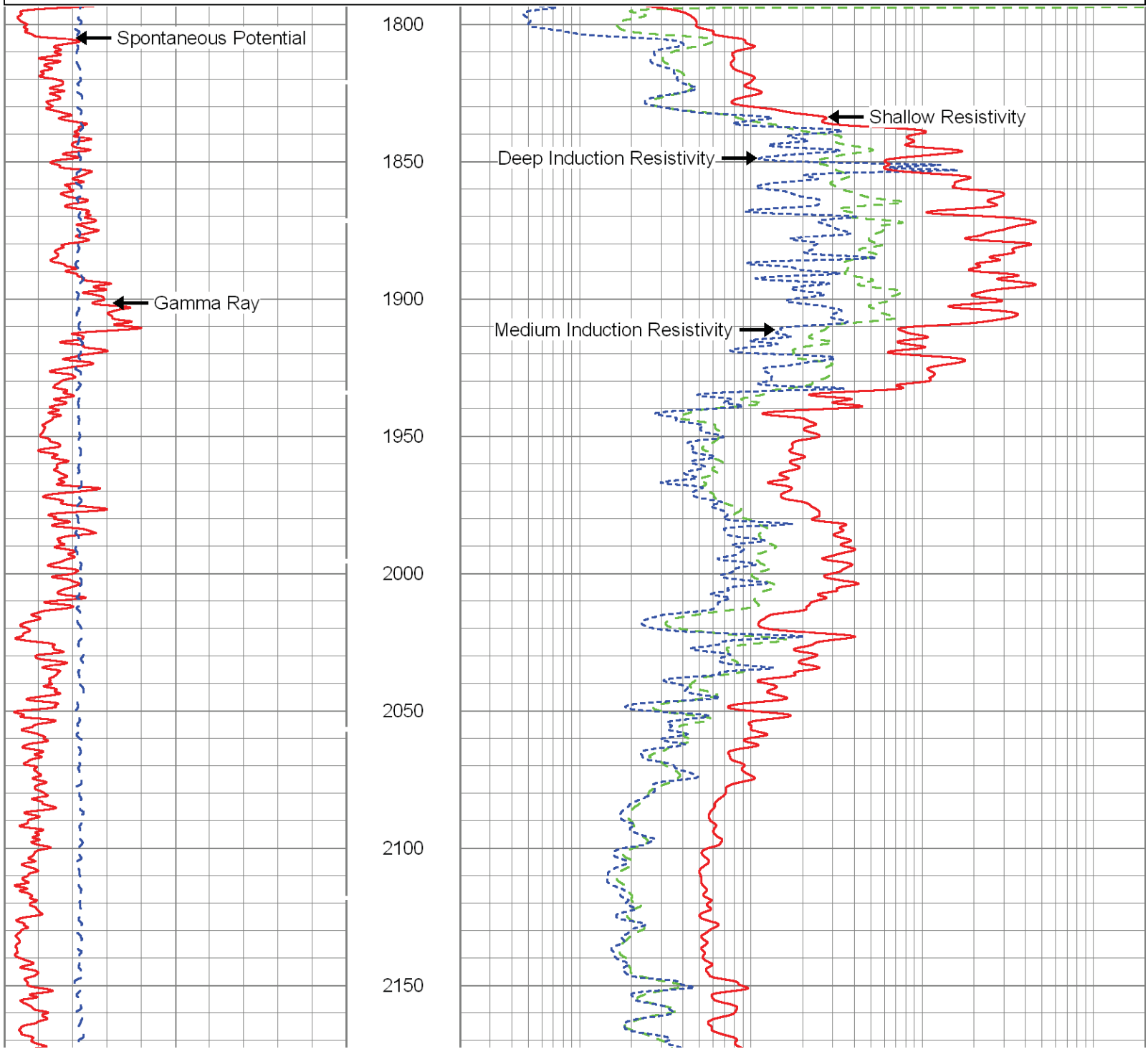
0.2	Shallow Resistivity (Ohm-m)	2000

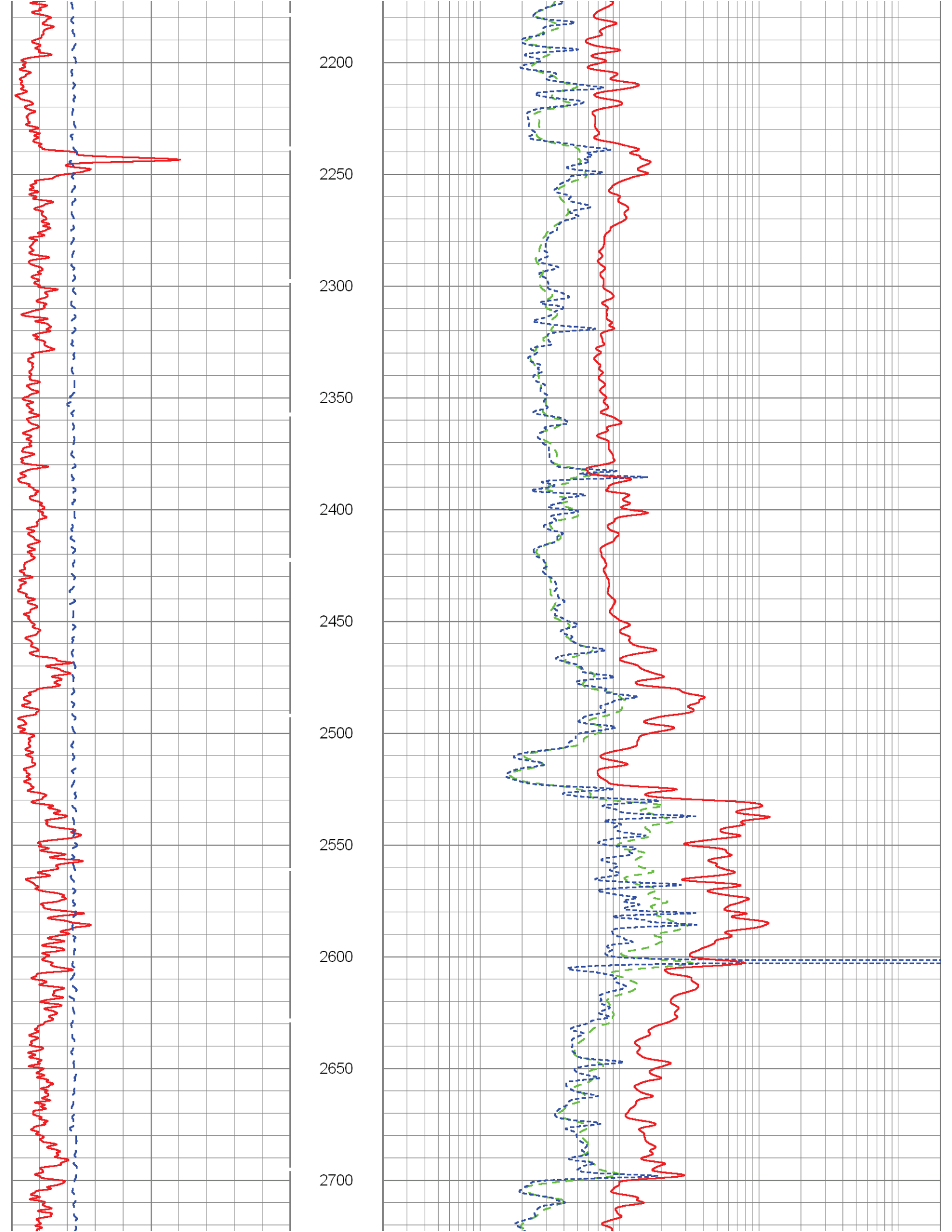
MAIN PASS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass6
Presentation Format:	dil
Dataset Creation:	Sat May 18 11:30:57 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

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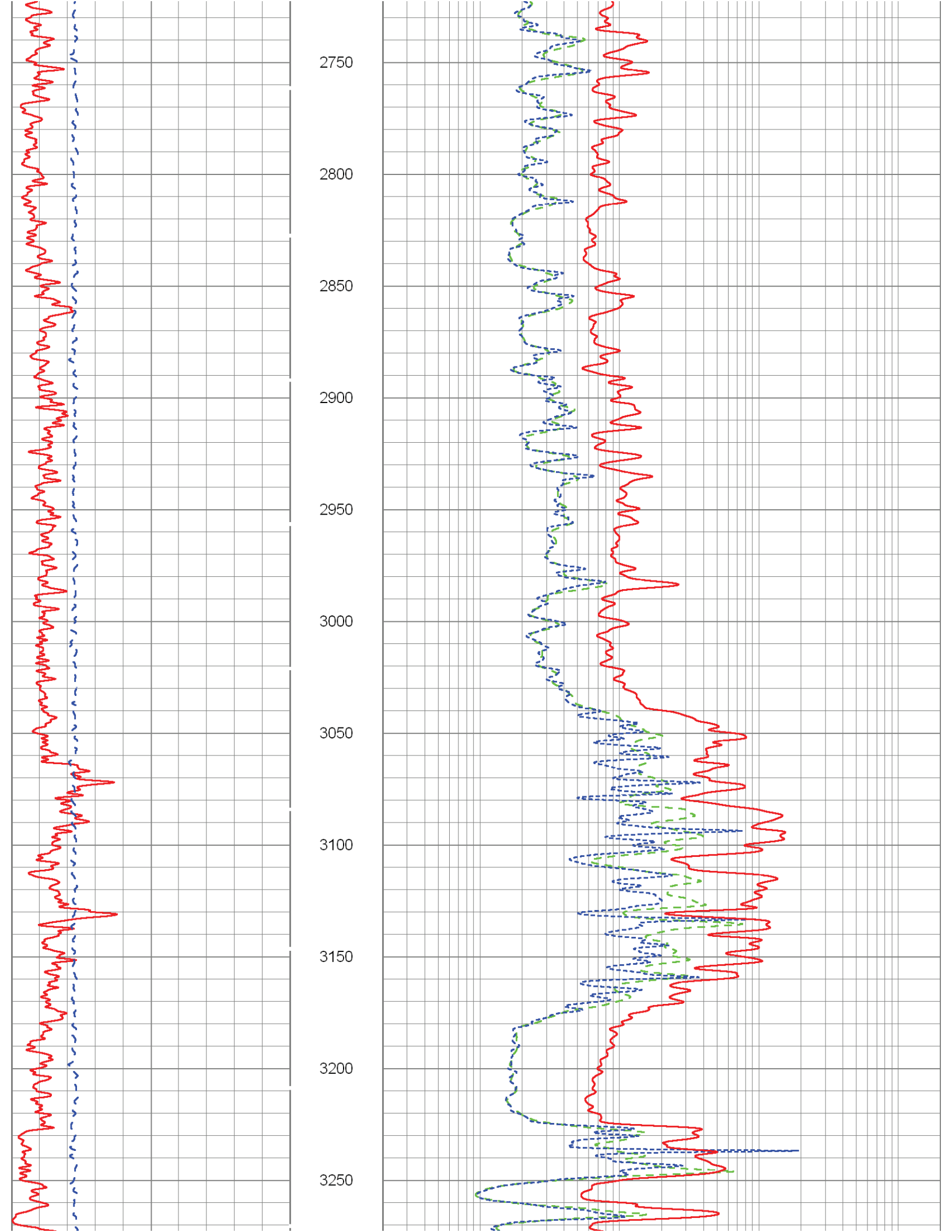
2450
2500
2550
2600
2650
2700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2800
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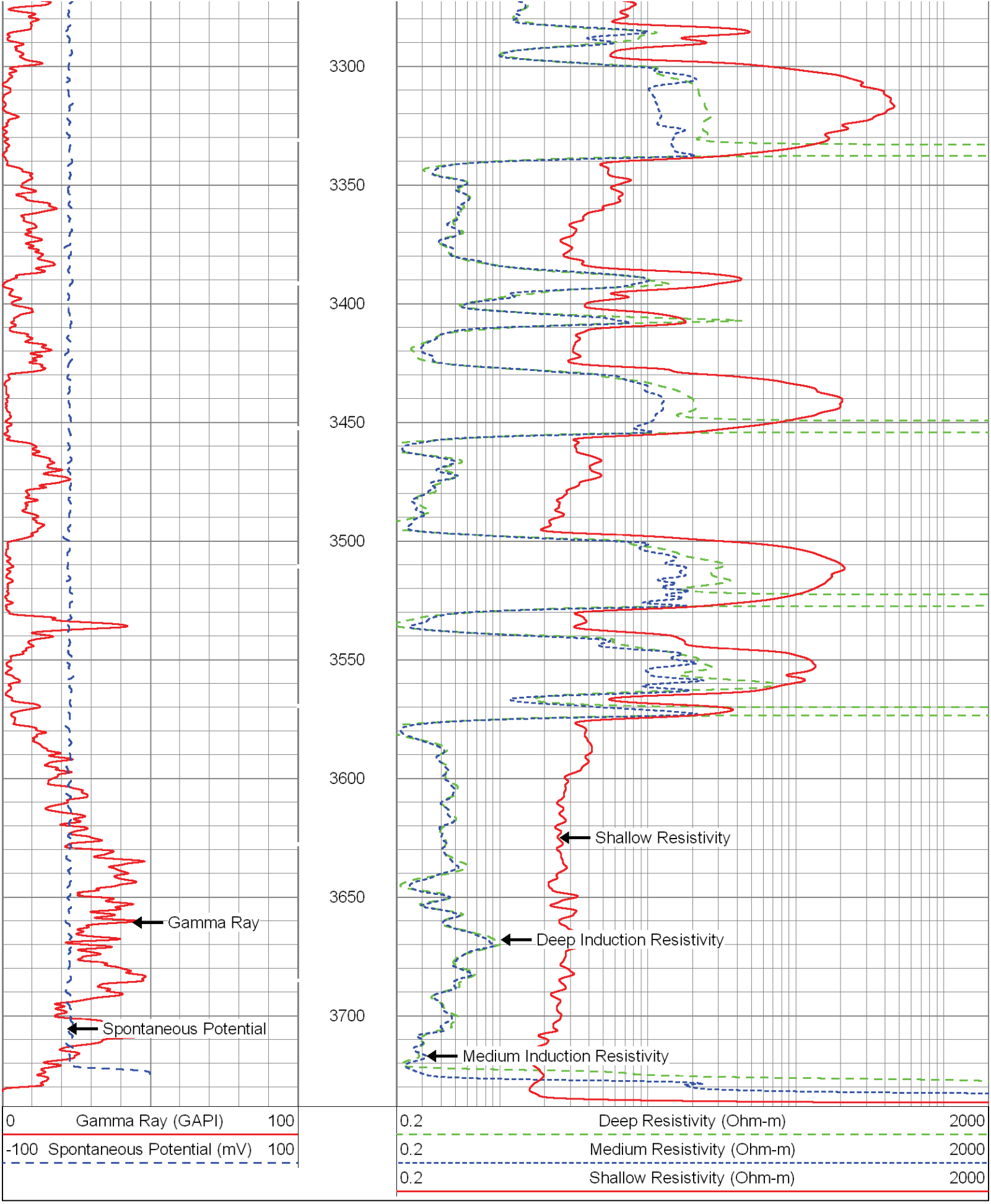
3000
3050
3100
3150
3200
3250



YOUNGQUIST

MAIN PASS

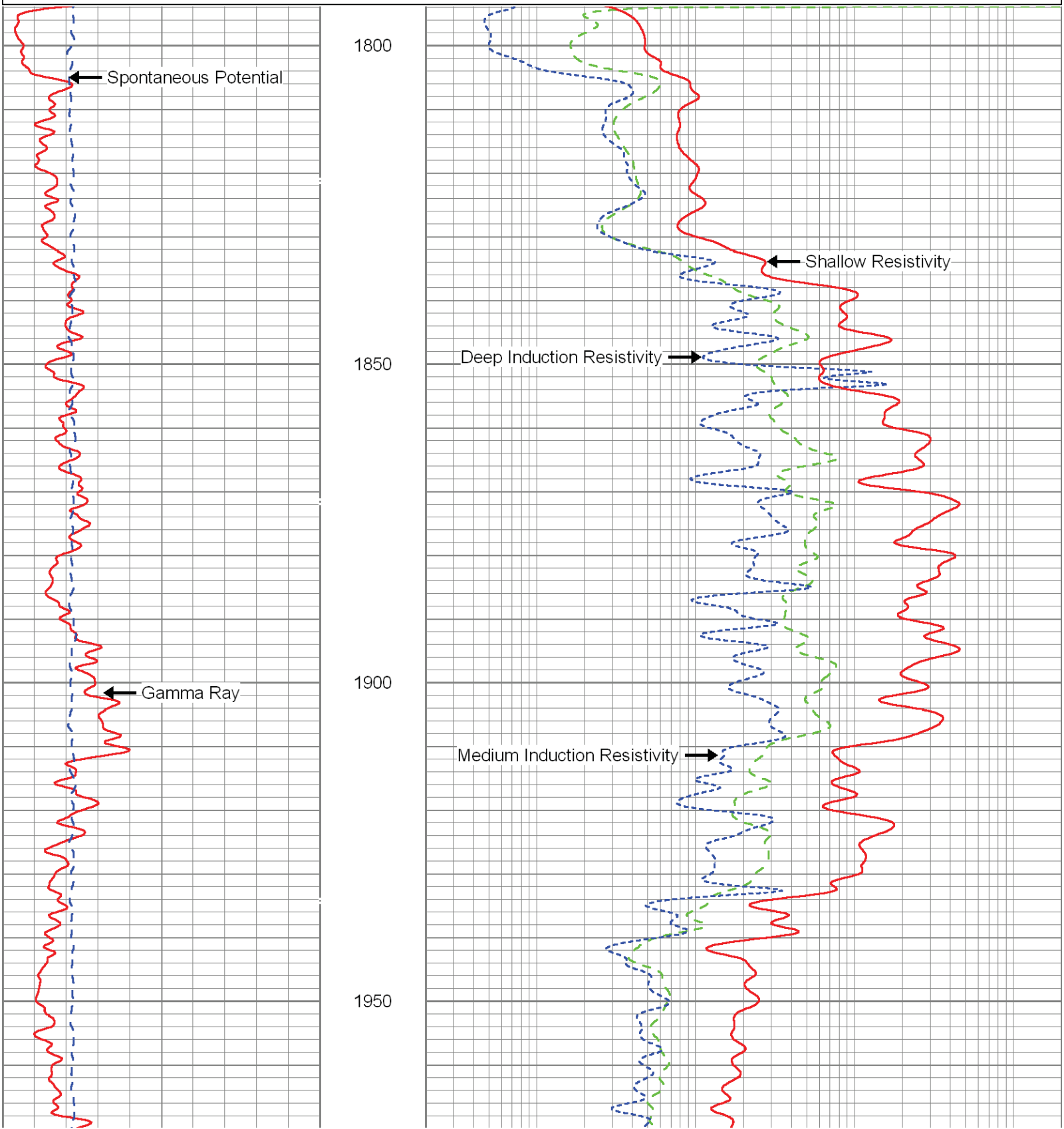
BROTHERS

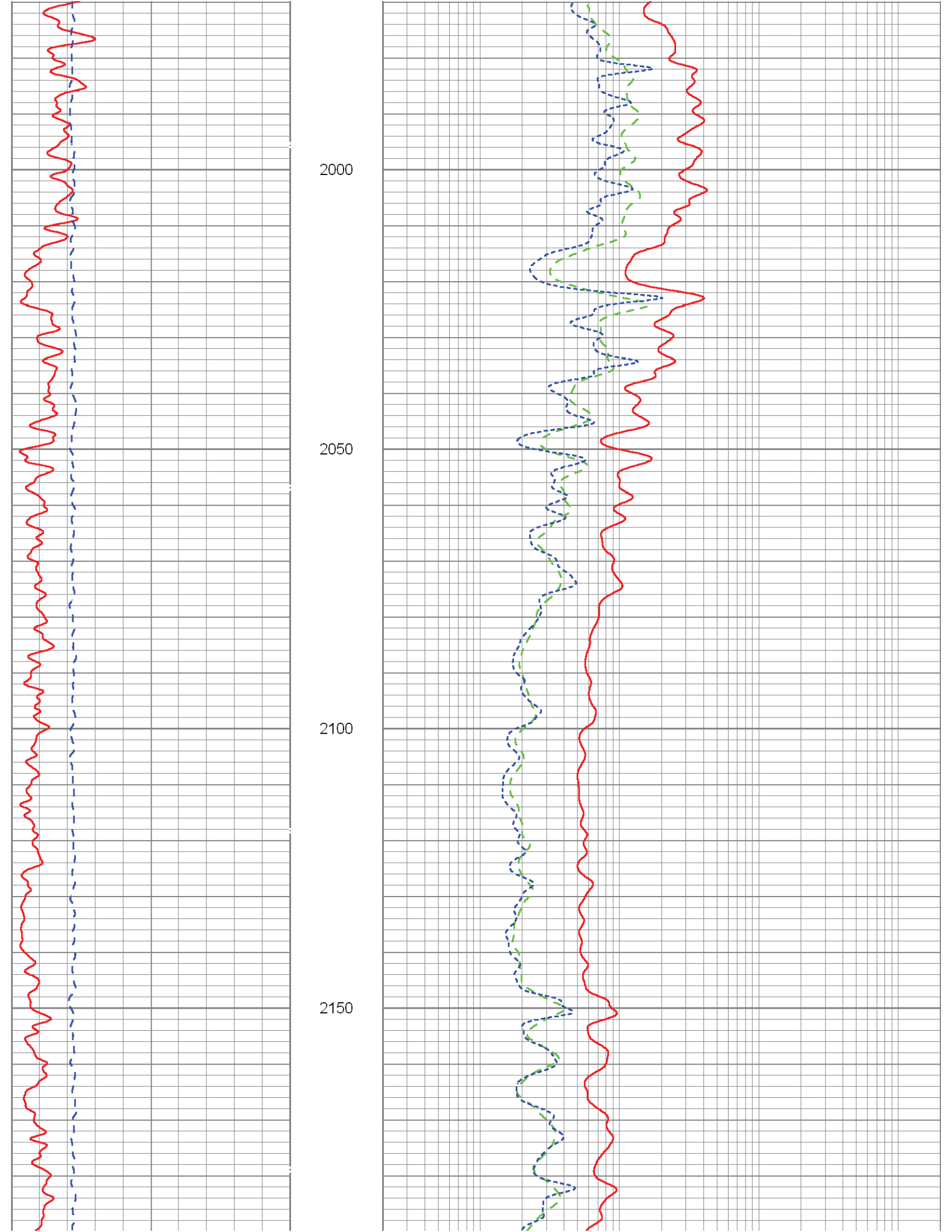
MAIN PASS

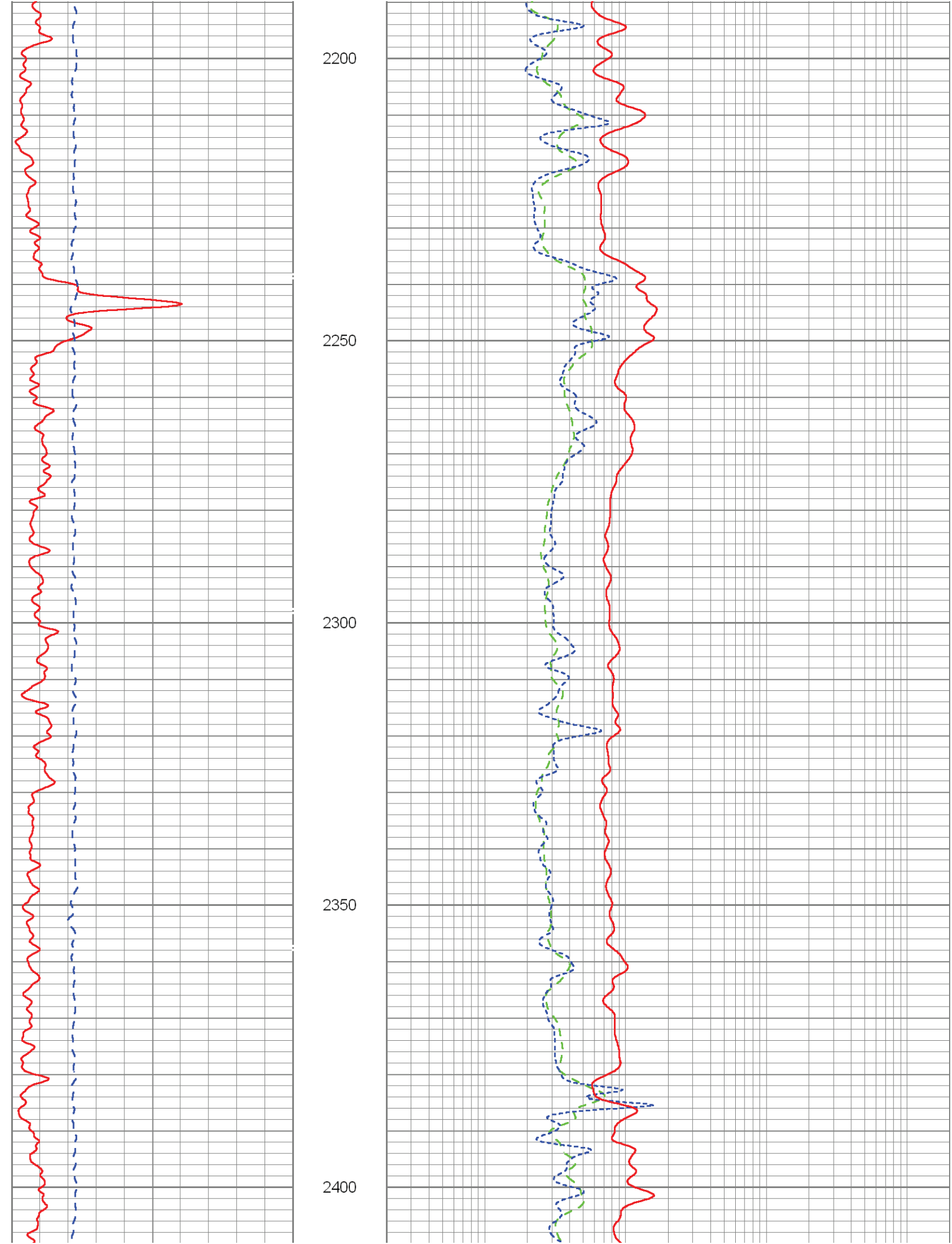
Database File:	labelleiw1.db
Dataset Pathname:	run10/pass6
Presentation Format:	dil
Dataset Creation:	Sat May 18 11:30:57 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000




2000
2050
2100
2150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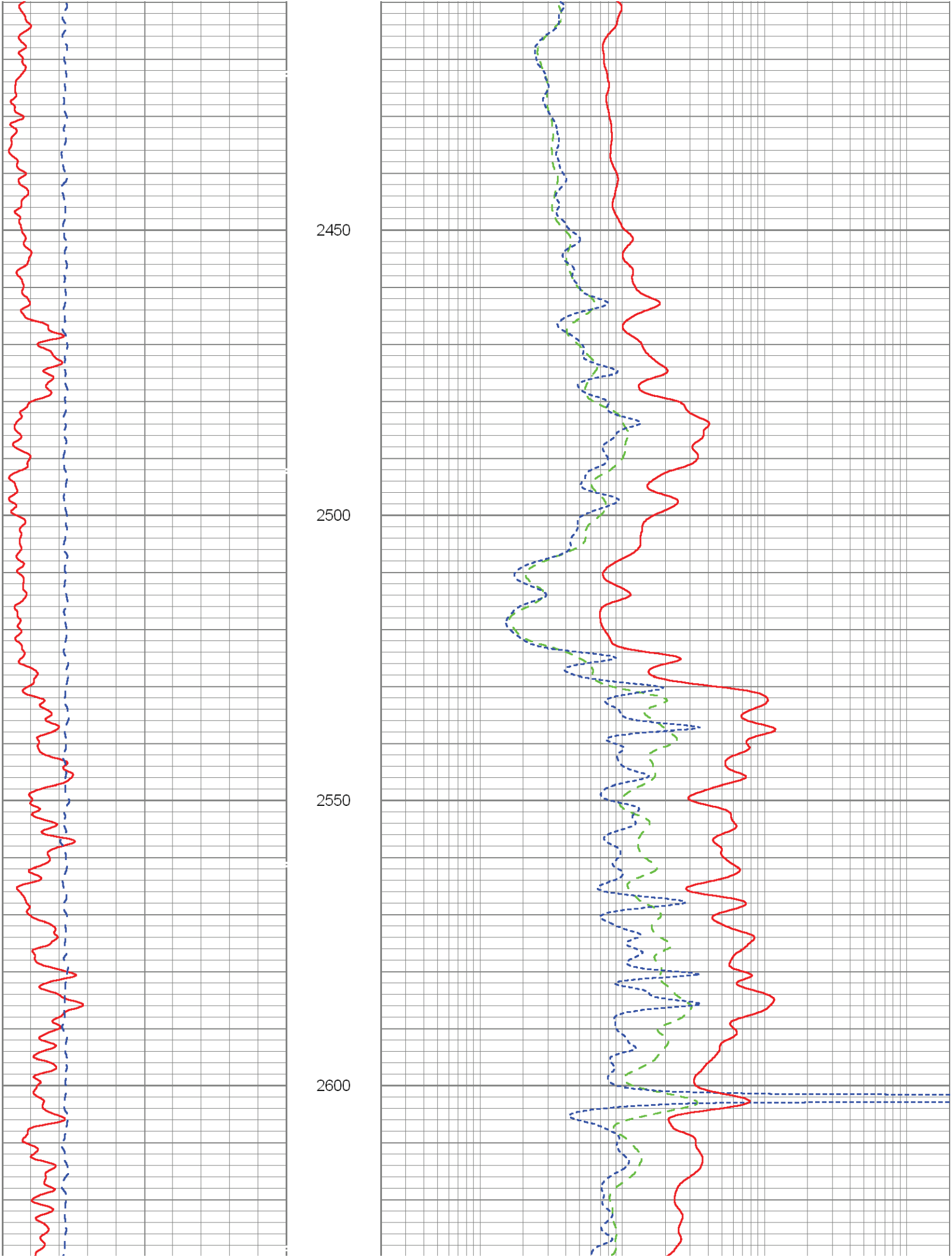
2250
2300
2350
2400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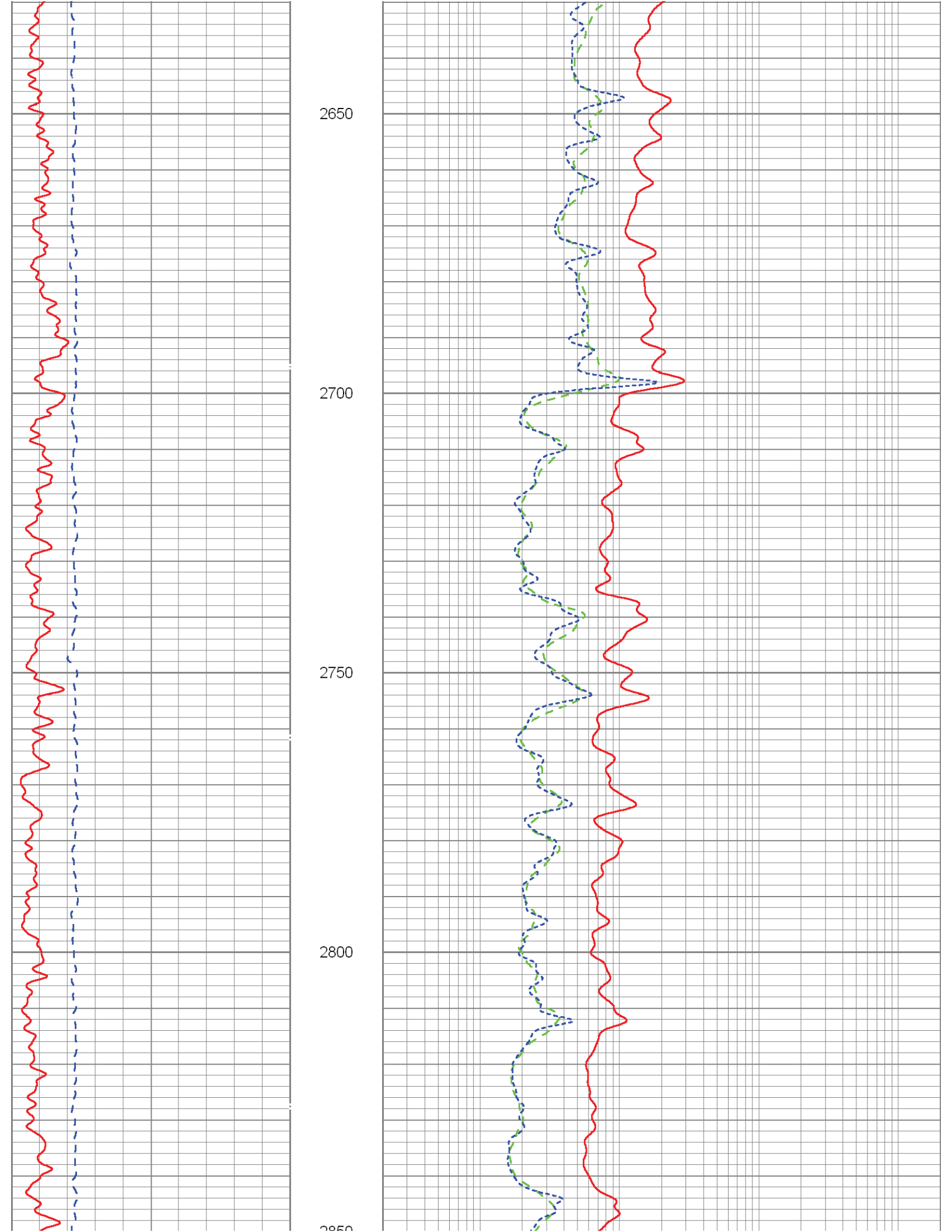
2550
2600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2750
2800
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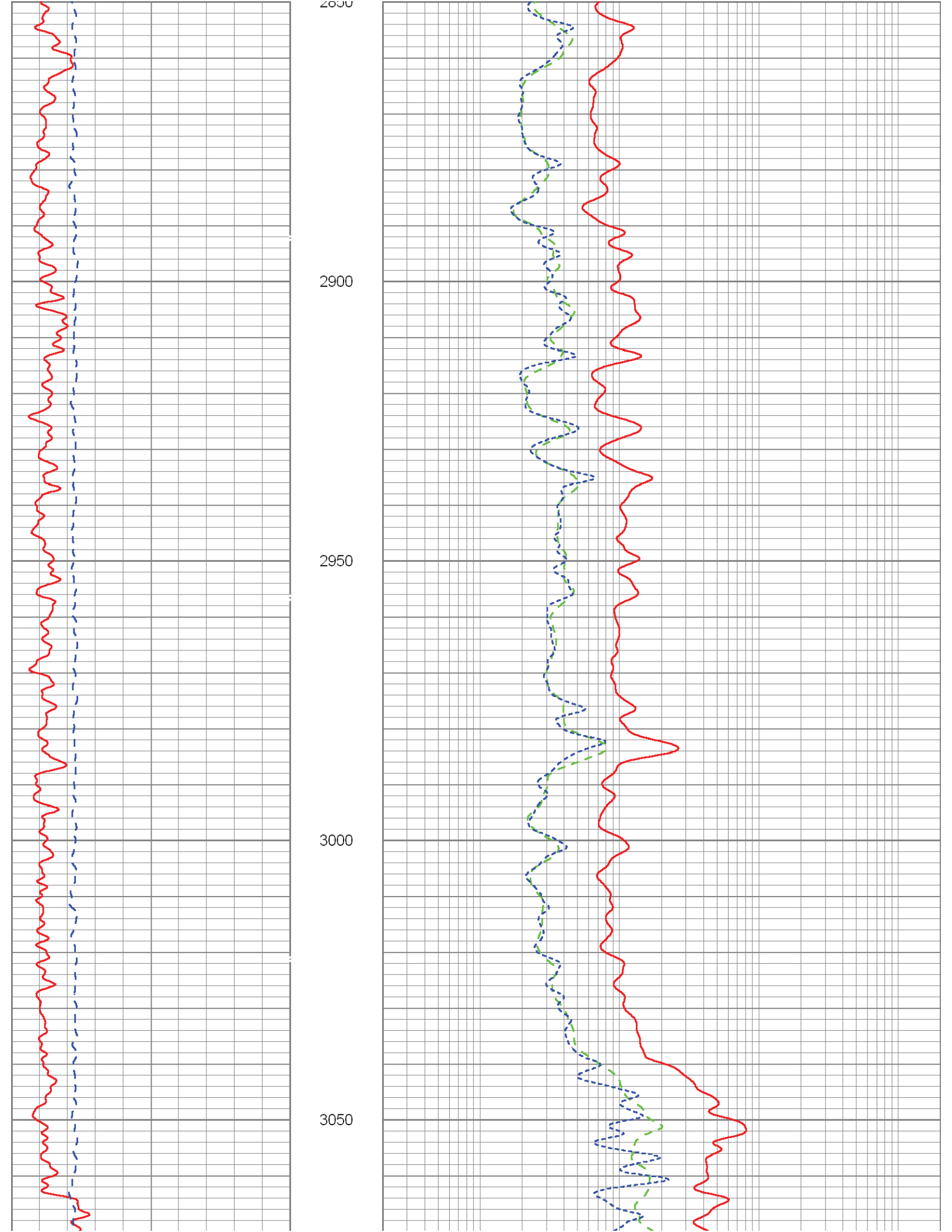
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2900
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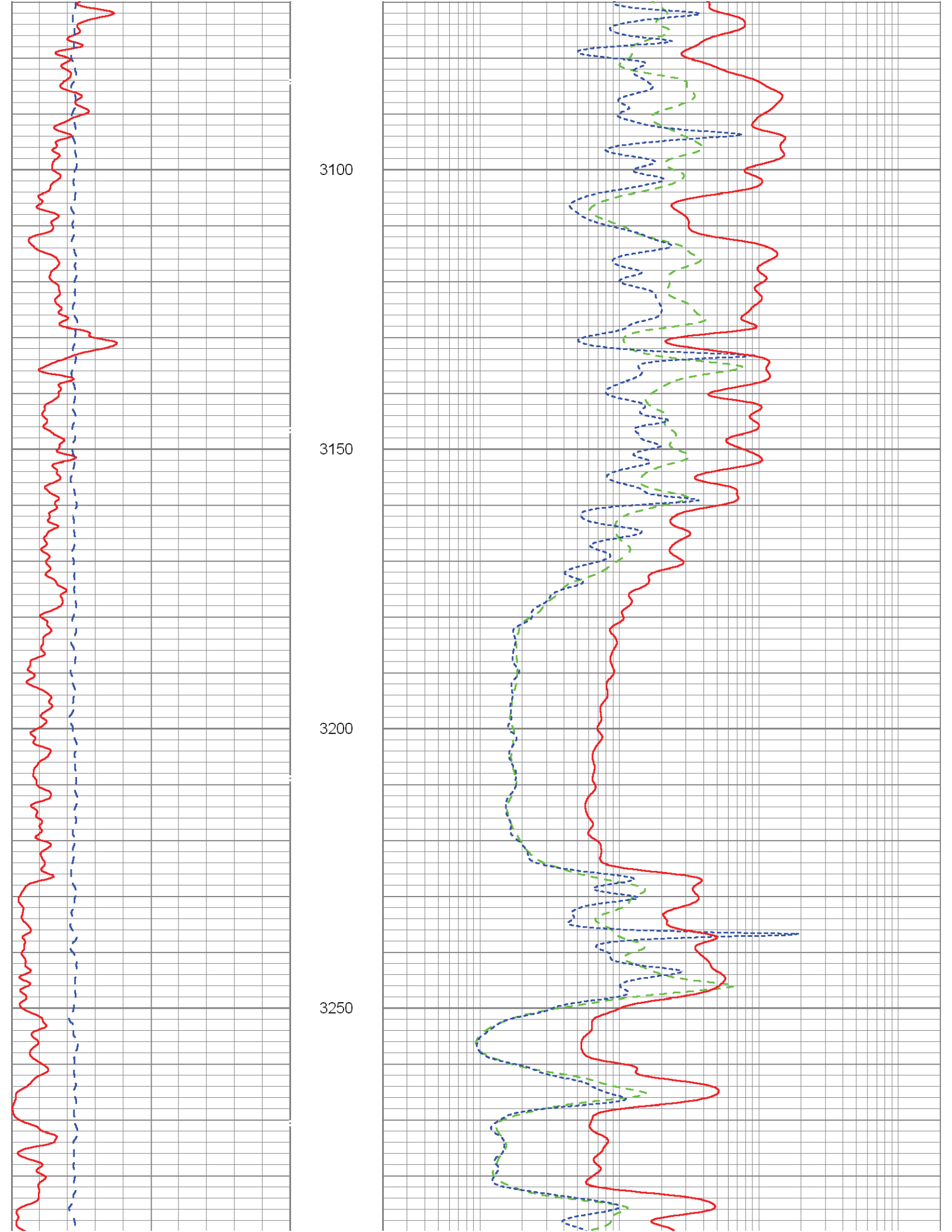
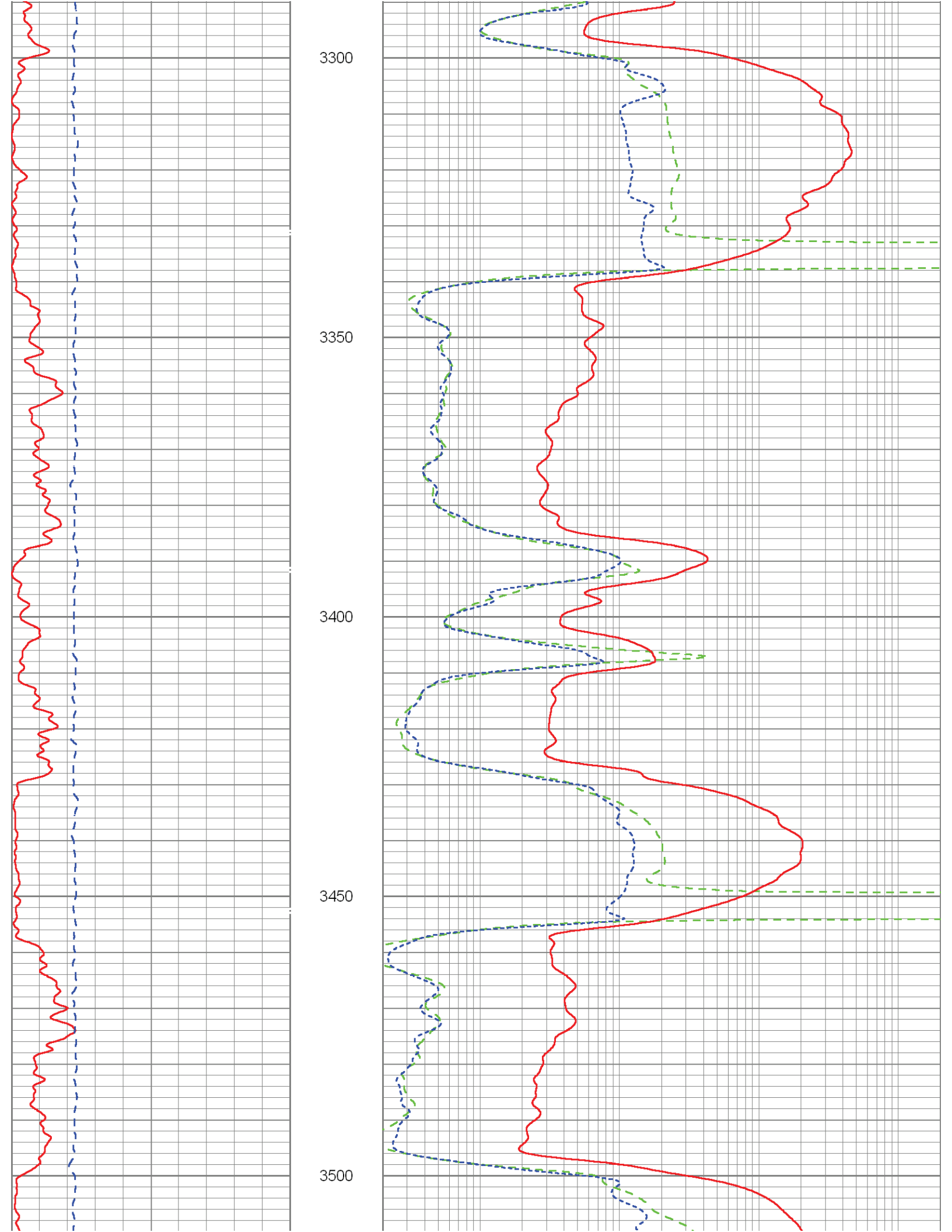
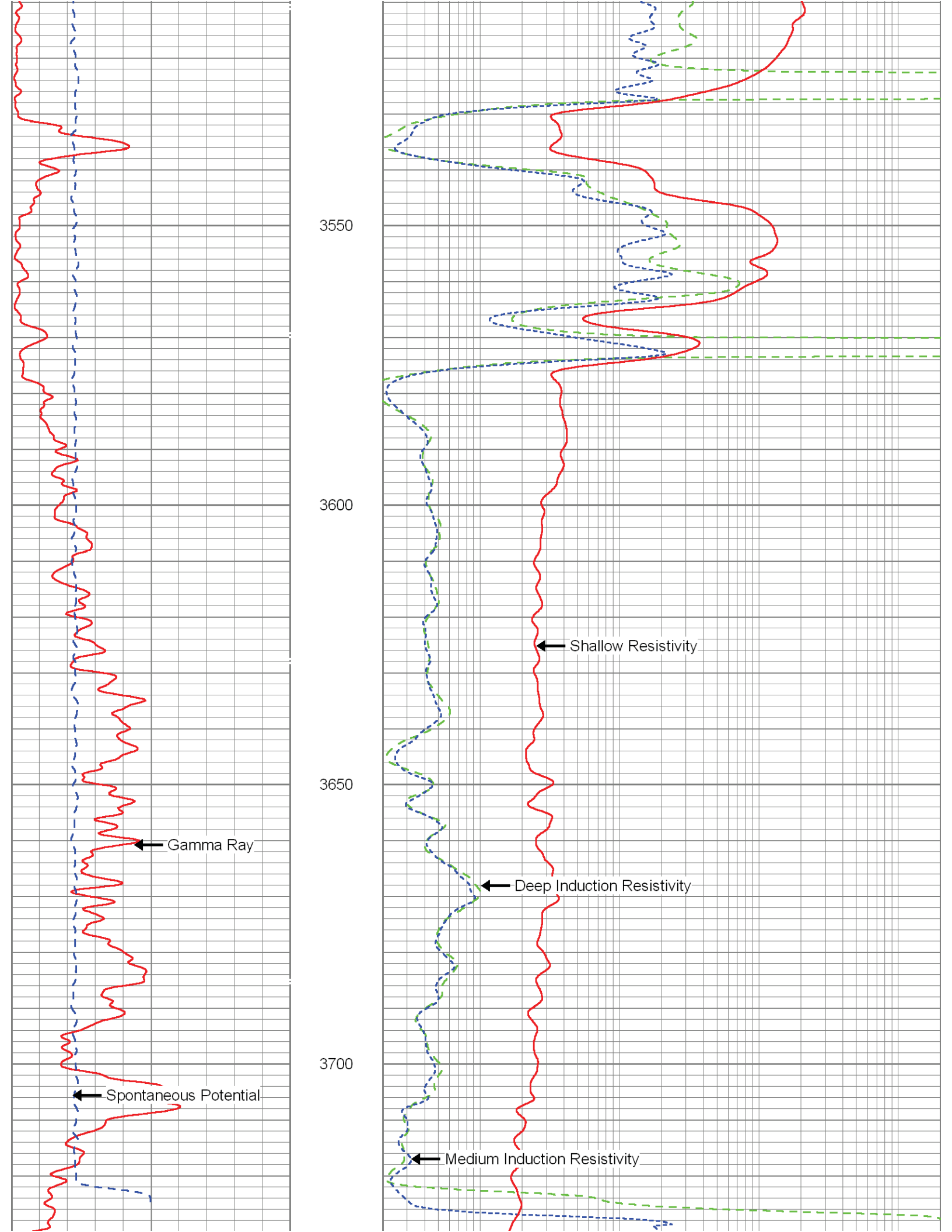
3000
3050


3100
3150
3200
3250


3300
3350
3400
3450
3500


3550
3600
3650
3700
Shallow Resistivity
Deep Induction Resistivity
Medium Induction Resistivity
Gamma Ray
Spontaneous Potential

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

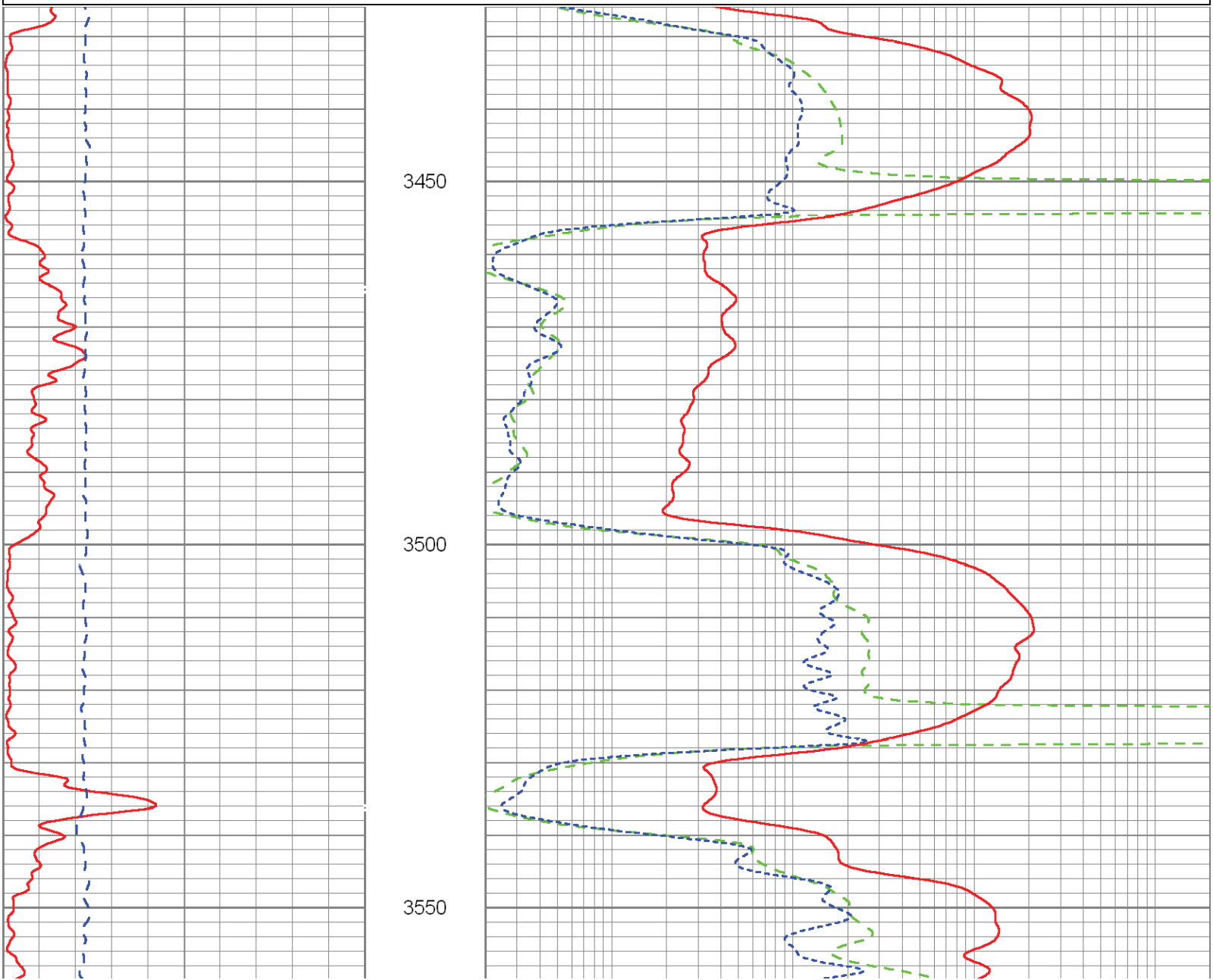
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

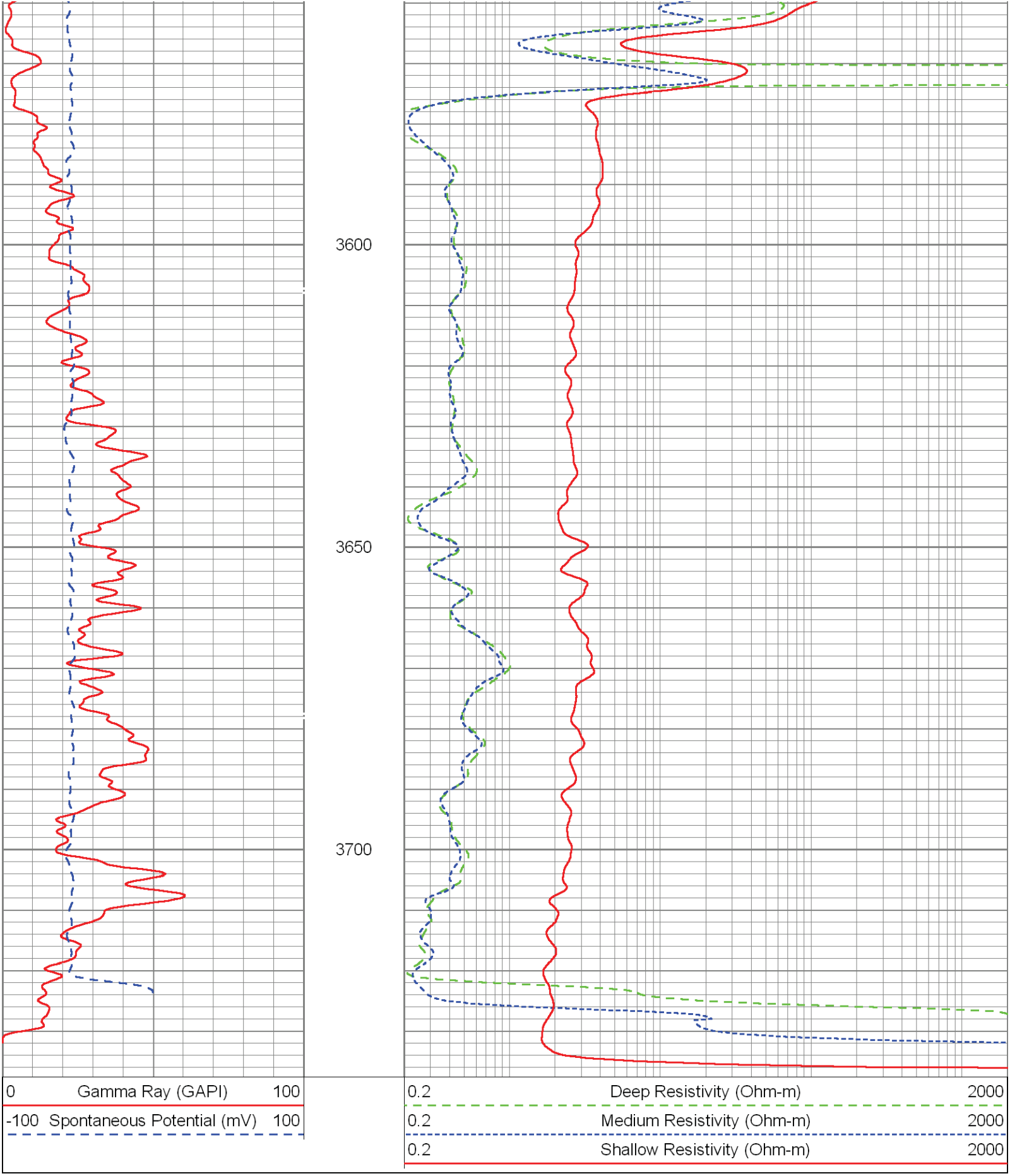
REPEAT PASS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass5
Presentation Format:	dil
Dataset Creation:	Sat May 18 11:21:17 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	100
-100	Spontaneous Potential (mV)	100

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000





Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run10/pass8
Dataset Creation: Sat May 18 12:15:16 2013 by Log SOC 110722

Dual Induction Calibration Report

Serial-Model:	0615-C
Surface Cal Performed:	Wed May 15 14:11:55 2013
Downhole Cal Performed:	Sat May 18 10:31:01 2013
After Survey Verification Performed:	Sat May 18 12:15:13 2013

Surface Calibration

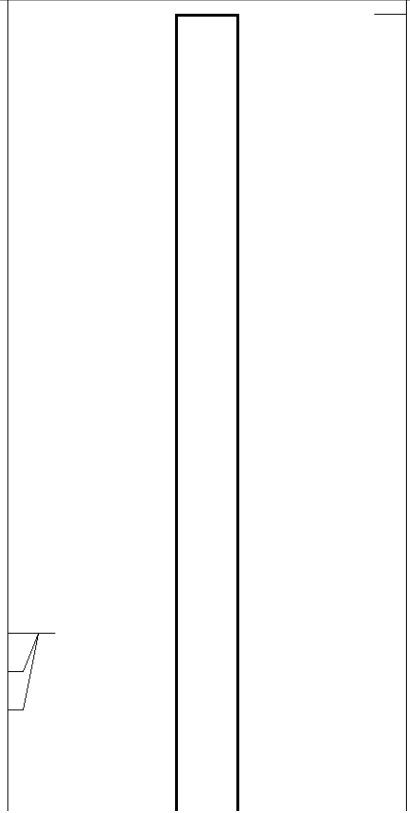
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.630	V	0.000	400.000	mmho/m	620.982	8.589
Medium	0.024	0.720	V	0.000	464.000	mmho/m	666.168	-15.861
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.678	V	12.807	429.389	mmho/m	620.982	8.589
Medium	0.003	0.778	V	-13.807	502.155	mmho/m	666.109	-15.815

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	13.254	428.218	mmho/m	12.807	429.389	mmho/m	1.004	-0.499
Medium	-13.816	500.984	mmho/m	-13.853	502.155	mmho/m	1.002	-0.004
Shallow	0.024	0.410		1.000	1000.000	mmho/m	2586.375	-59.855

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	13.205	428.744	mmho/m	13.254	428.218	mmho/m	1.004	-0.499
Medium	-13.584	501.842	mmho/m	-13.816	500.984	mmho/m	1.002	-0.004
Shallow	10.835	1011.445	mmho/m	1.000	1000.000	mmho/m	0.998	-9.817

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CILD	15.88					
SP	15.88					
RWILD	15.88					

RWILM CILM	12.08 12.08		DIL-C (0615)	23.67	3.50	175.00
CLL3 MLL3 RWLL3	3.13 3.13 3.13					

Dataset:	labelleiw1.db: field/well/run10/pass6
Total Length:	23.67 ft
Total Weight:	175.00 lb
O.D.	3.50 in

BOREHOLE COMPENSATED SONIC with VDL LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services

SEE COMMENTS

Elevation

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

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

Date	18-MAY-2013		
Run Number	TEN		
Depth Driller	3737'		
Depth Logger	3738'		
Bottom Logged Interval	3738'		
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	0800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MOREY	RIVES	
Witnessed By	DOYLE		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'	FIVE	40.5"	CASING	1810'
TWO	14.75"	CASING	900'	SIX	12.25"	CASING	3737'
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner	34"	.375" W.T.	SURFACE	1800'

<< Fold Here >>>

Comments

FLUID RESISTIVITY TEMPERATURE
XY- CALIPER/GAMMA-RAY
DUAL INDUCTION
FLOWMETER

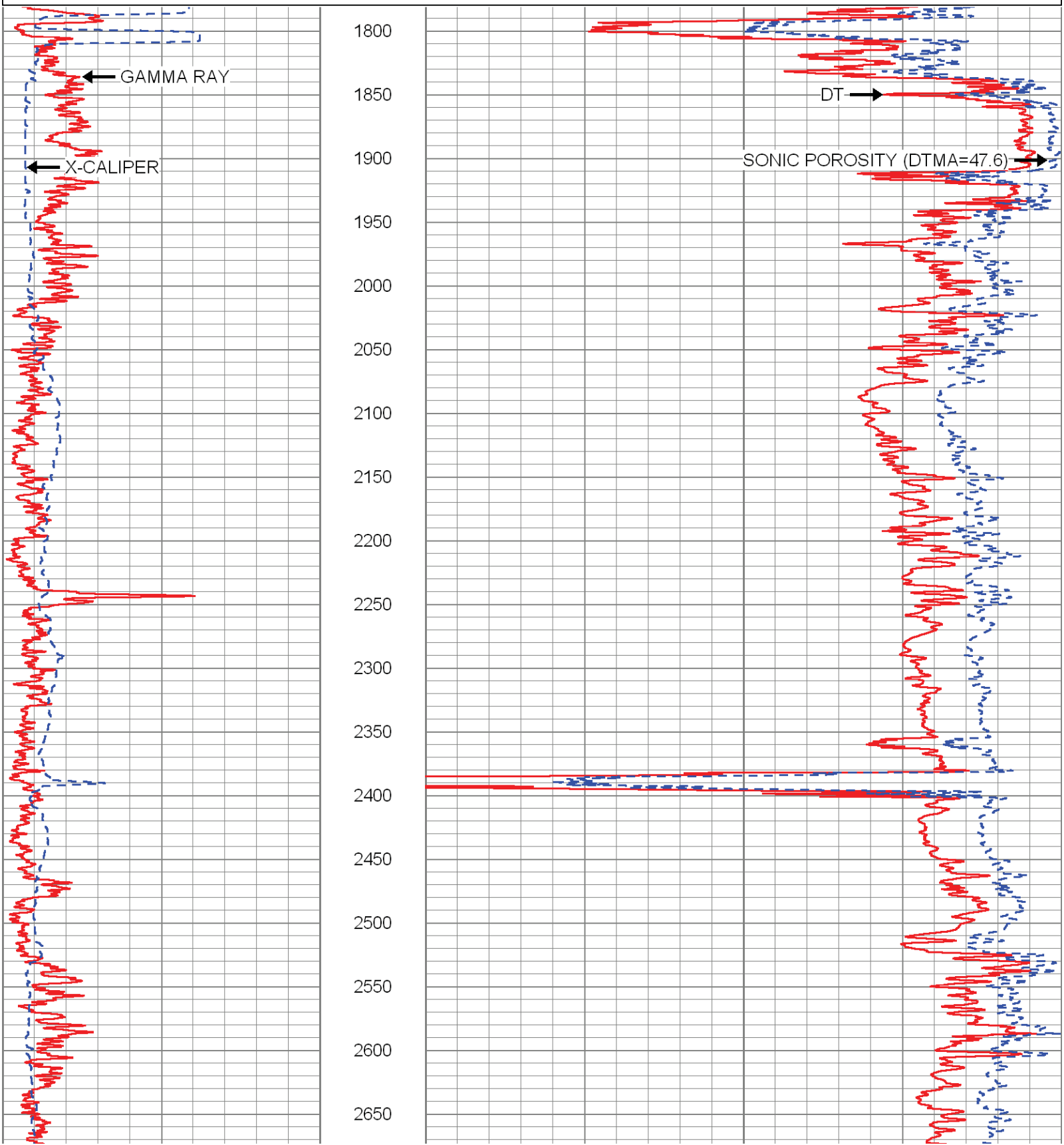
MAIN PASS

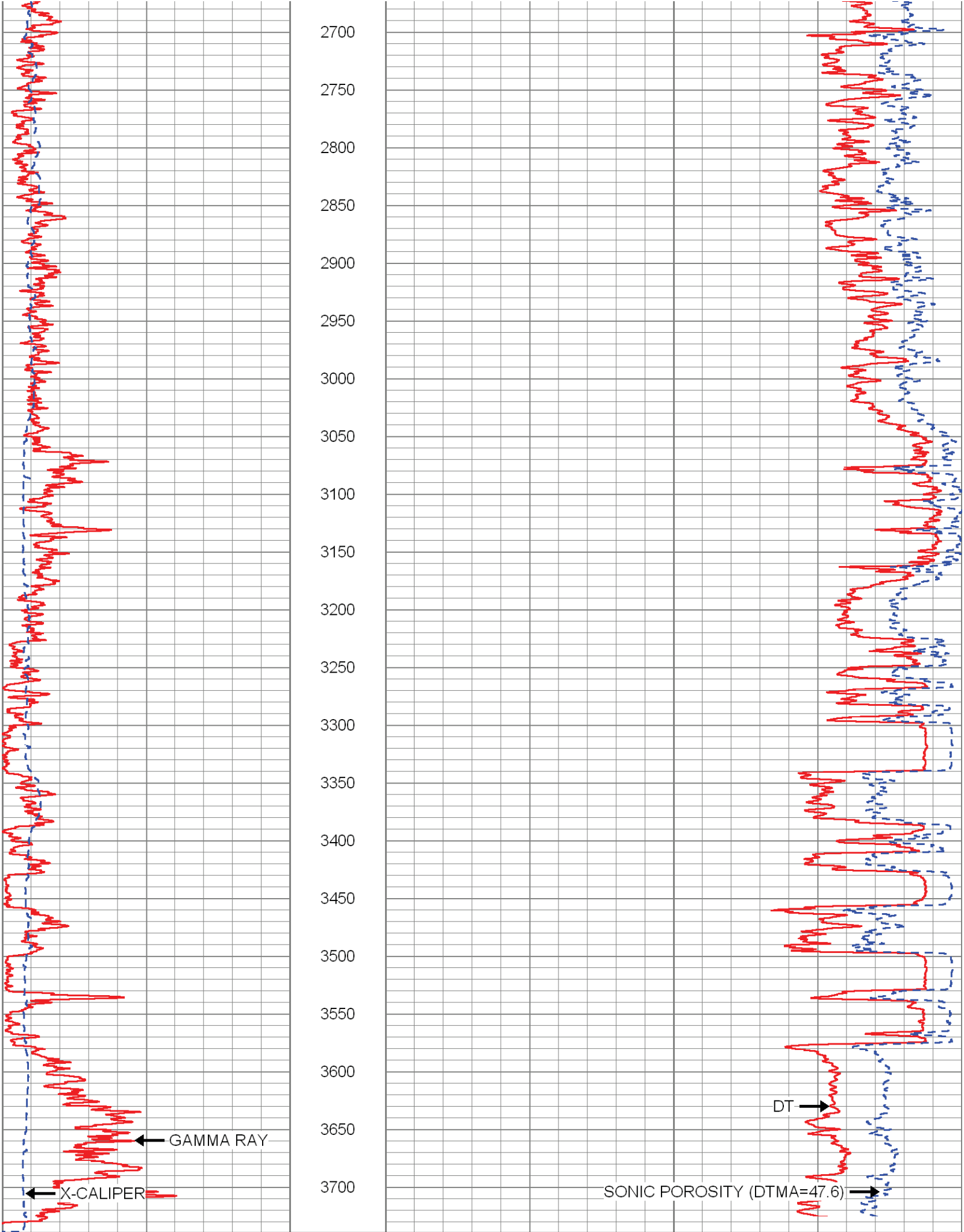
BROTHERS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass13
Presentation Format:	son_por
Dataset Creation:	Sat May 18 14:38:01 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:1200

0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50

240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0




2700
2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
GAMMA RAY
X-CALIPER
DT
SONIC POROSITY (DTMA=47.6)
0
GAMMA RAY (GAPI)
100
240
DT (usec/ft)
40

10 X-CALIPER (in) 50

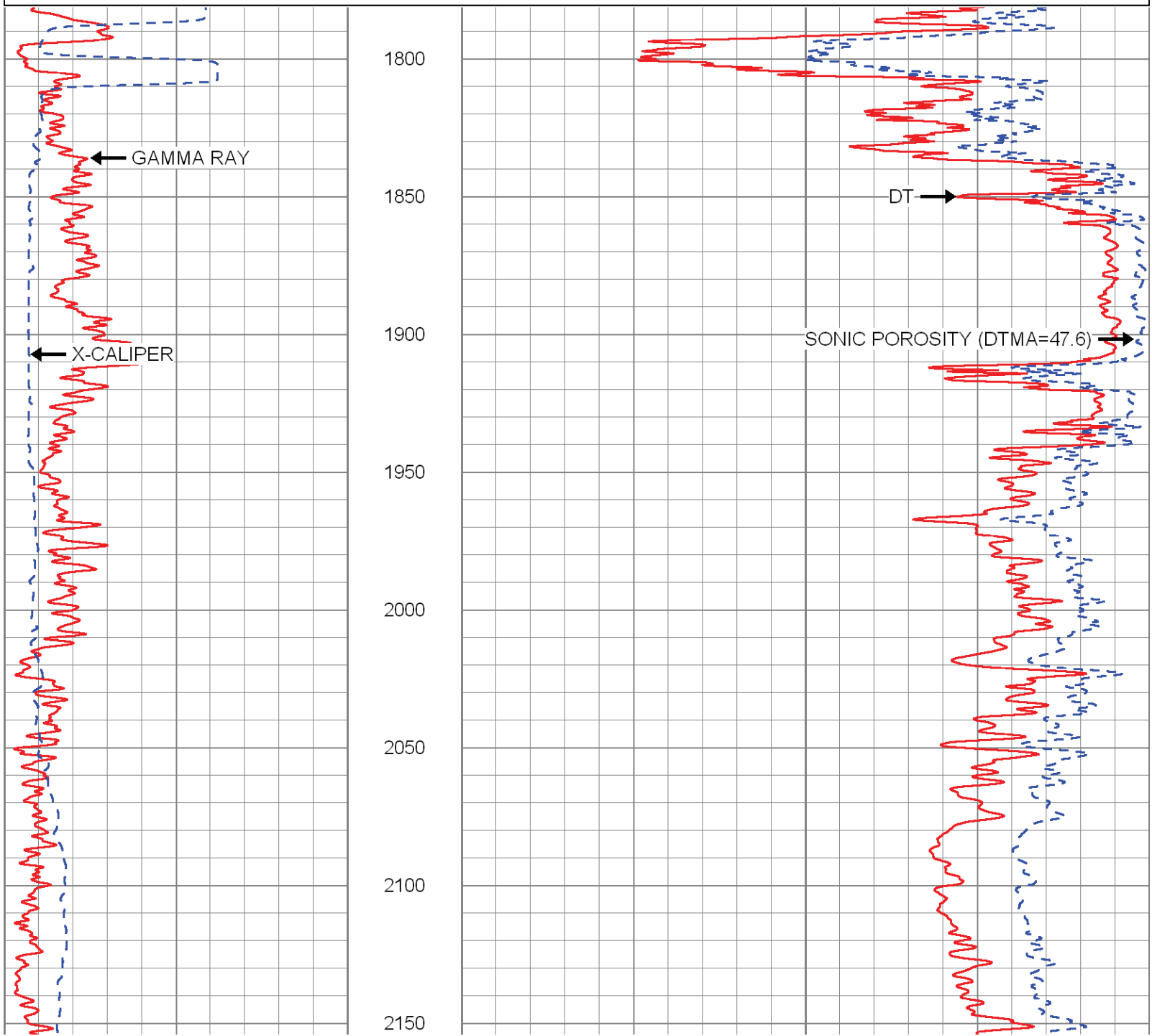
200 SONIC POROSITY (DTMA=47.6) (pu) 0

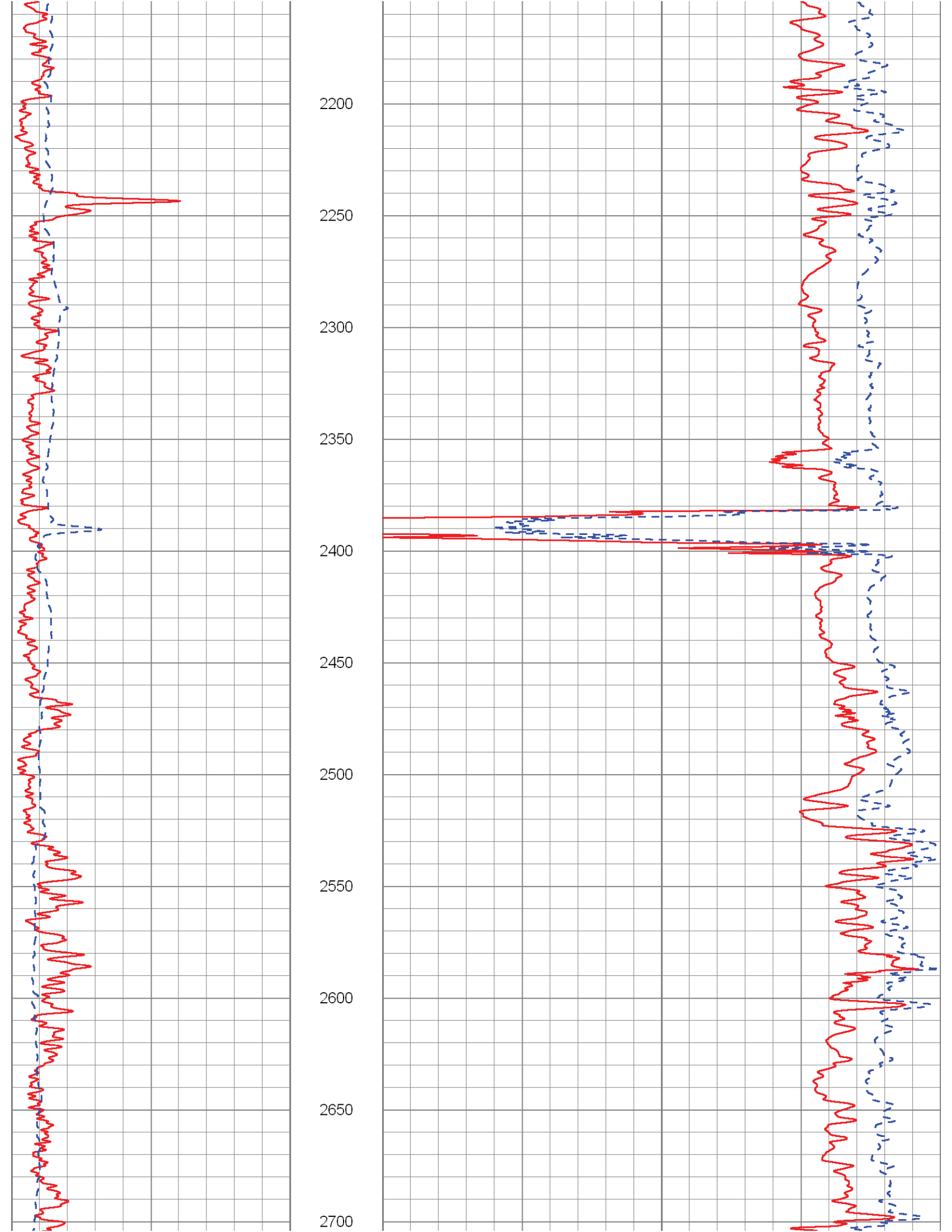
MAIN PASS

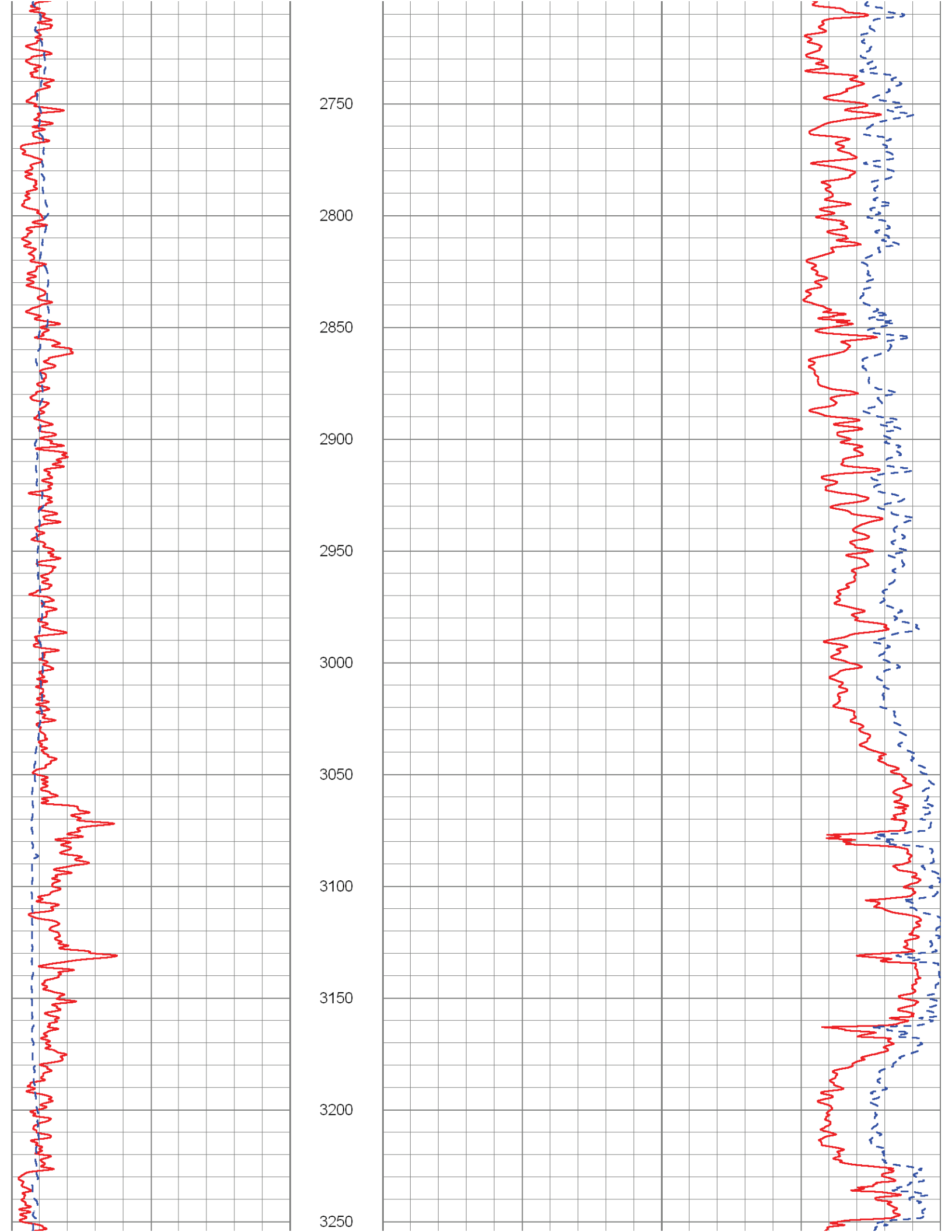
Database File:	labelleiw1.db
Dataset Pathname:	run10/pass13
Presentation Format:	son_por
Dataset Creation:	Sat May 18 14:38:01 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:600

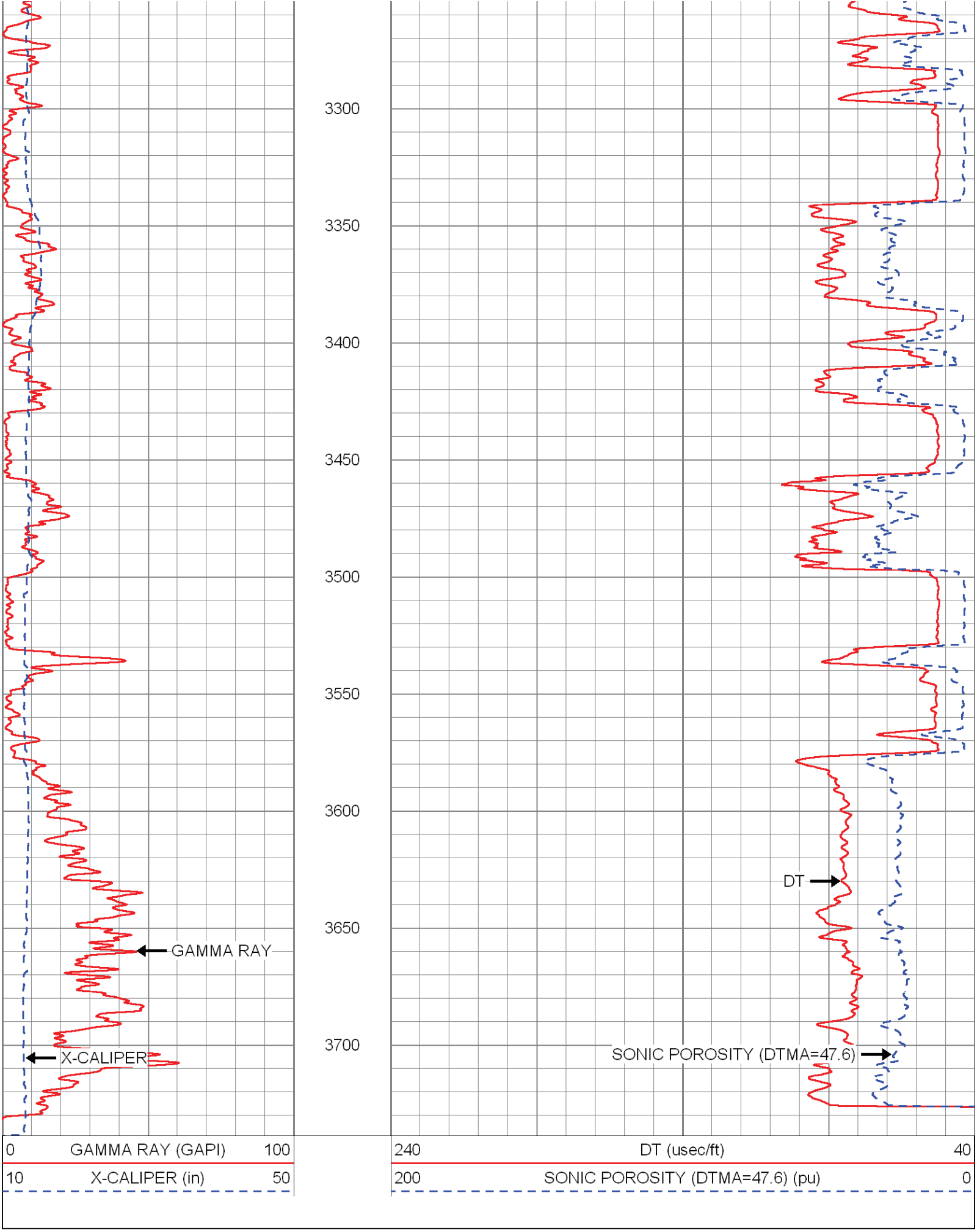
0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50

240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0




2200
2250
2300
2350
2400
2450
2500
2550
2600
2650
2700


2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
3250

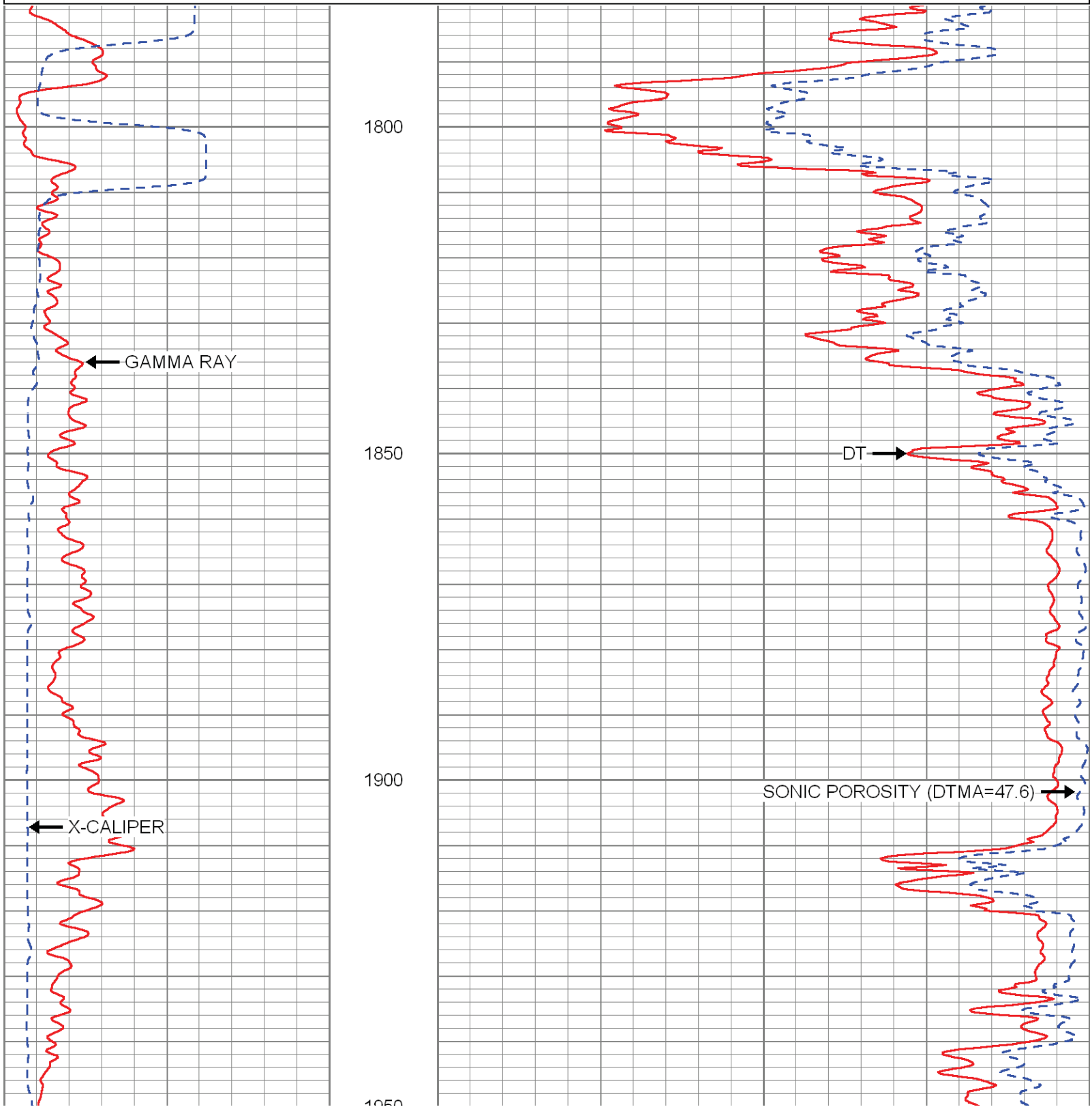

3300
3350
3400
3450
3500
3550
3600
3650
3700
GAMMA RAY
X-CALIPER
DT
SONIC POROSITY (DTMA=47.6)
0
GAMMA RAY (GAPI)
100
10
X-CALIPER (in)
50
240
DT (usec/ft)
40
200
SONIC POROSITY (DTMA=47.6) (pu)
0

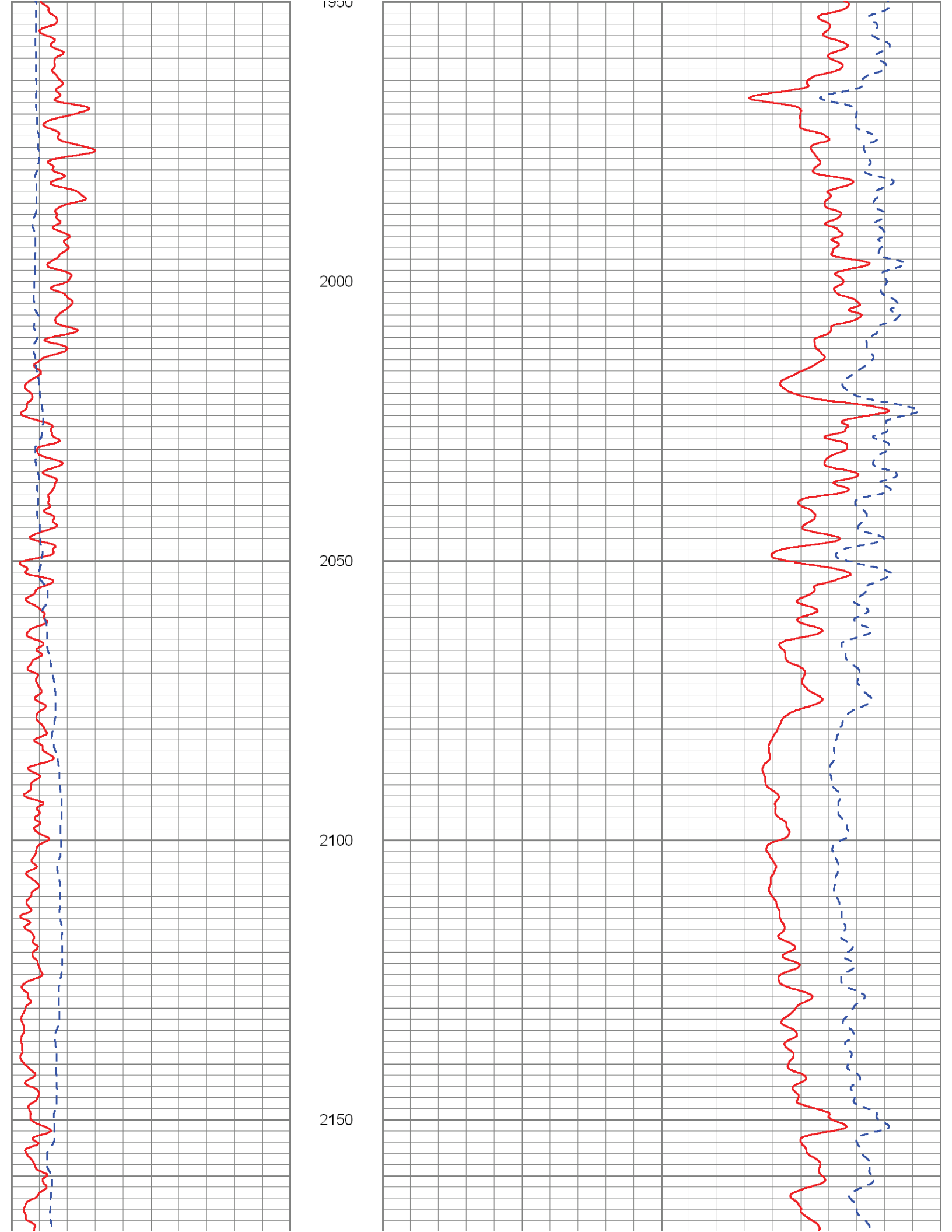
MAIN PASS

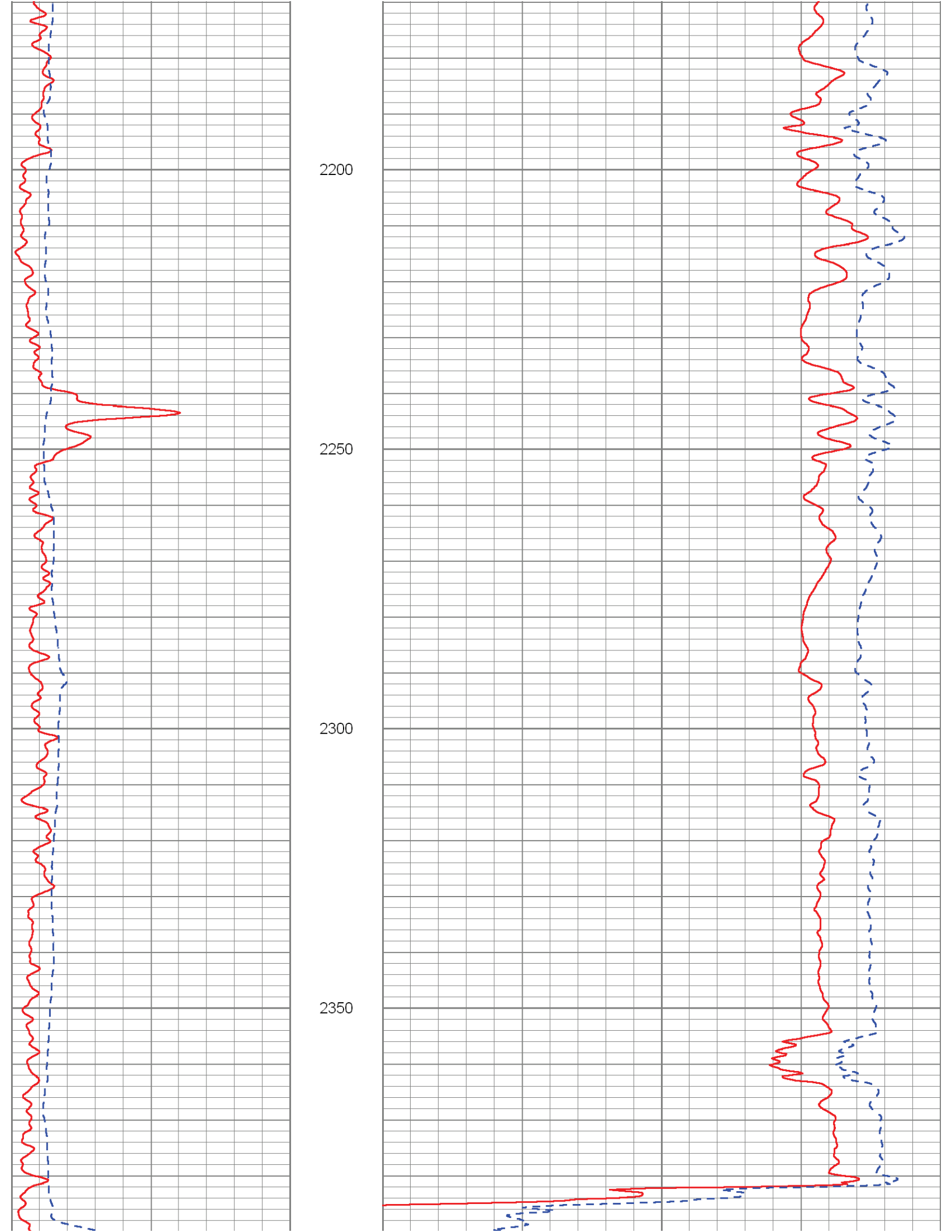
Database File:	labelleiw1.db
Dataset Pathname:	run10/pass13
Presentation Format:	son_por
Dataset Creation:	Sat May 18 14:38:01 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

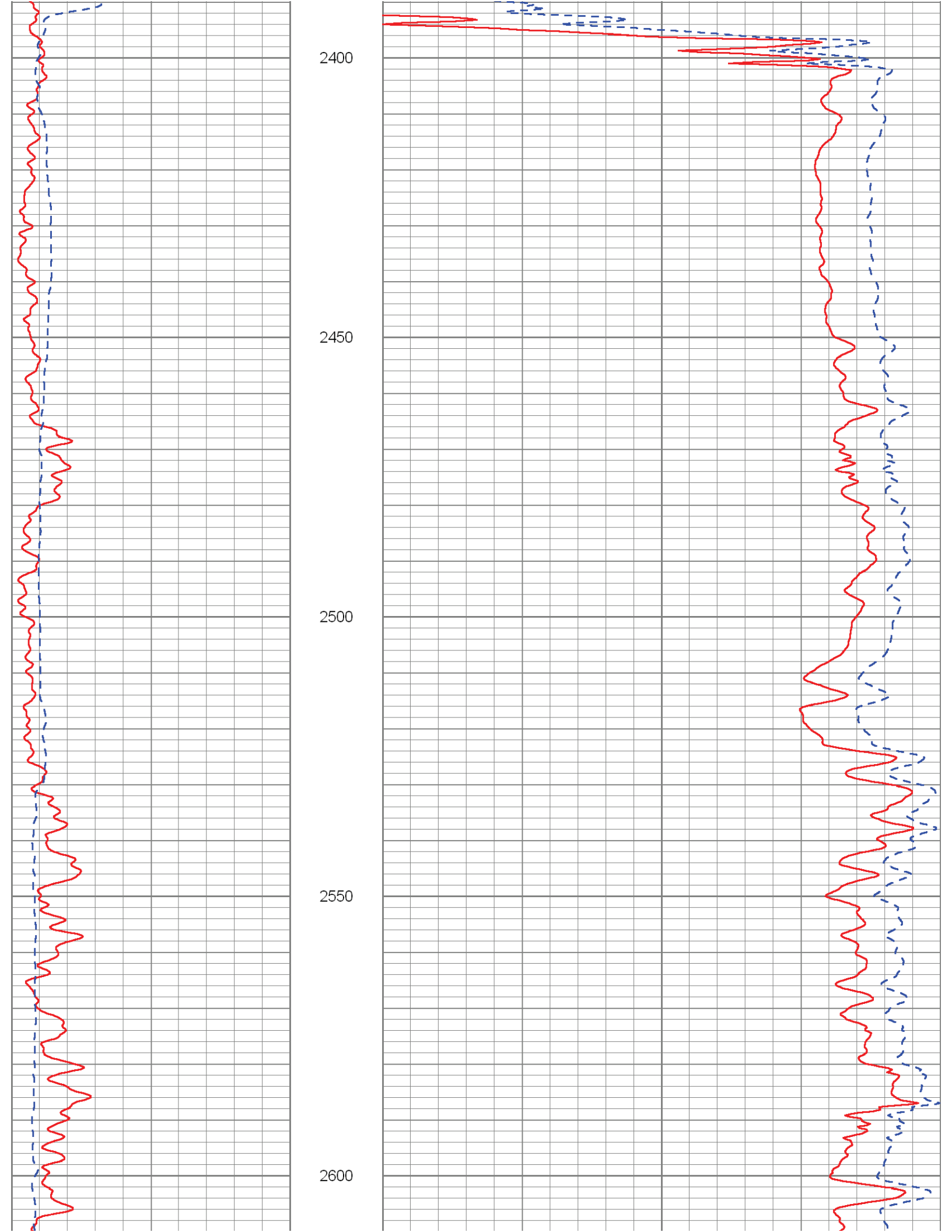
0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50

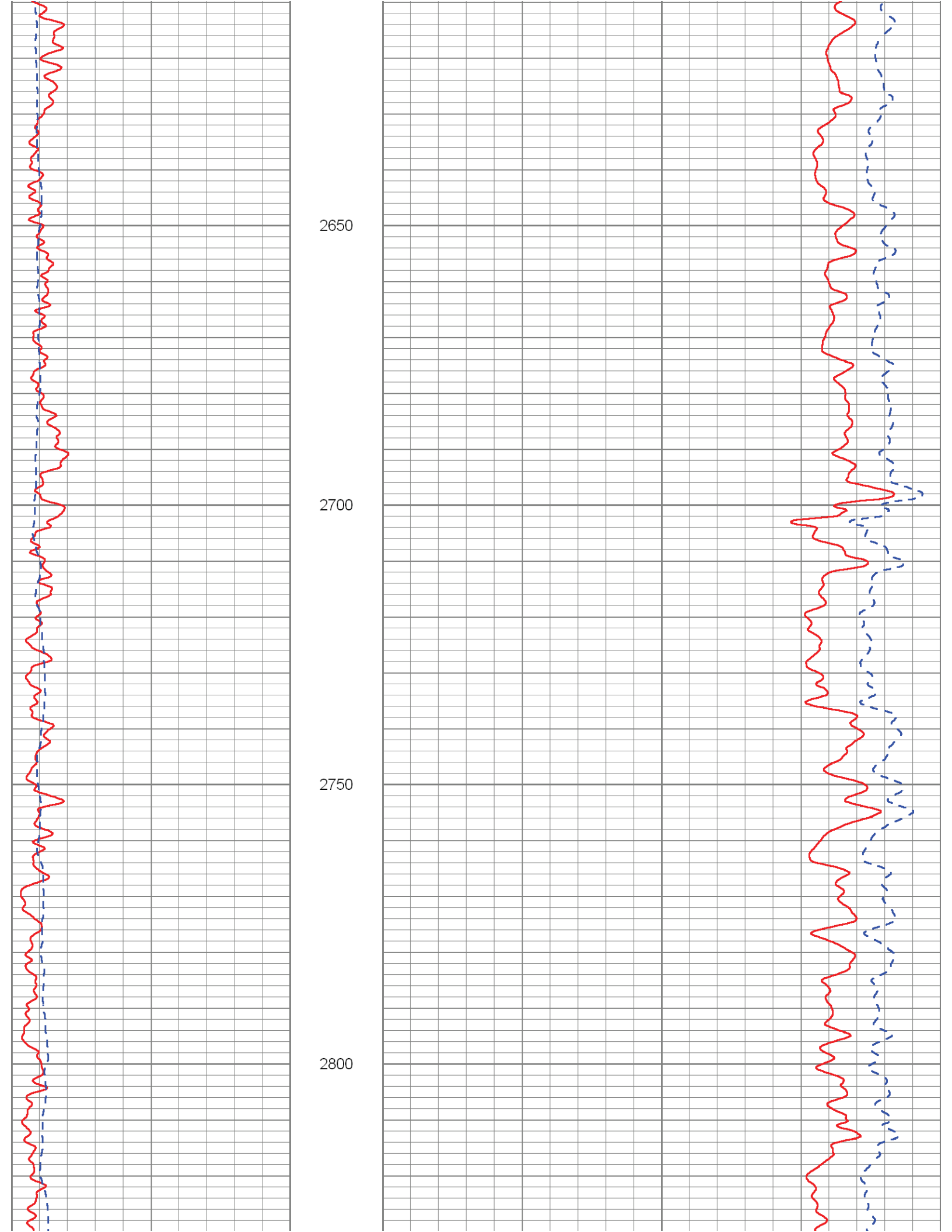
240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0

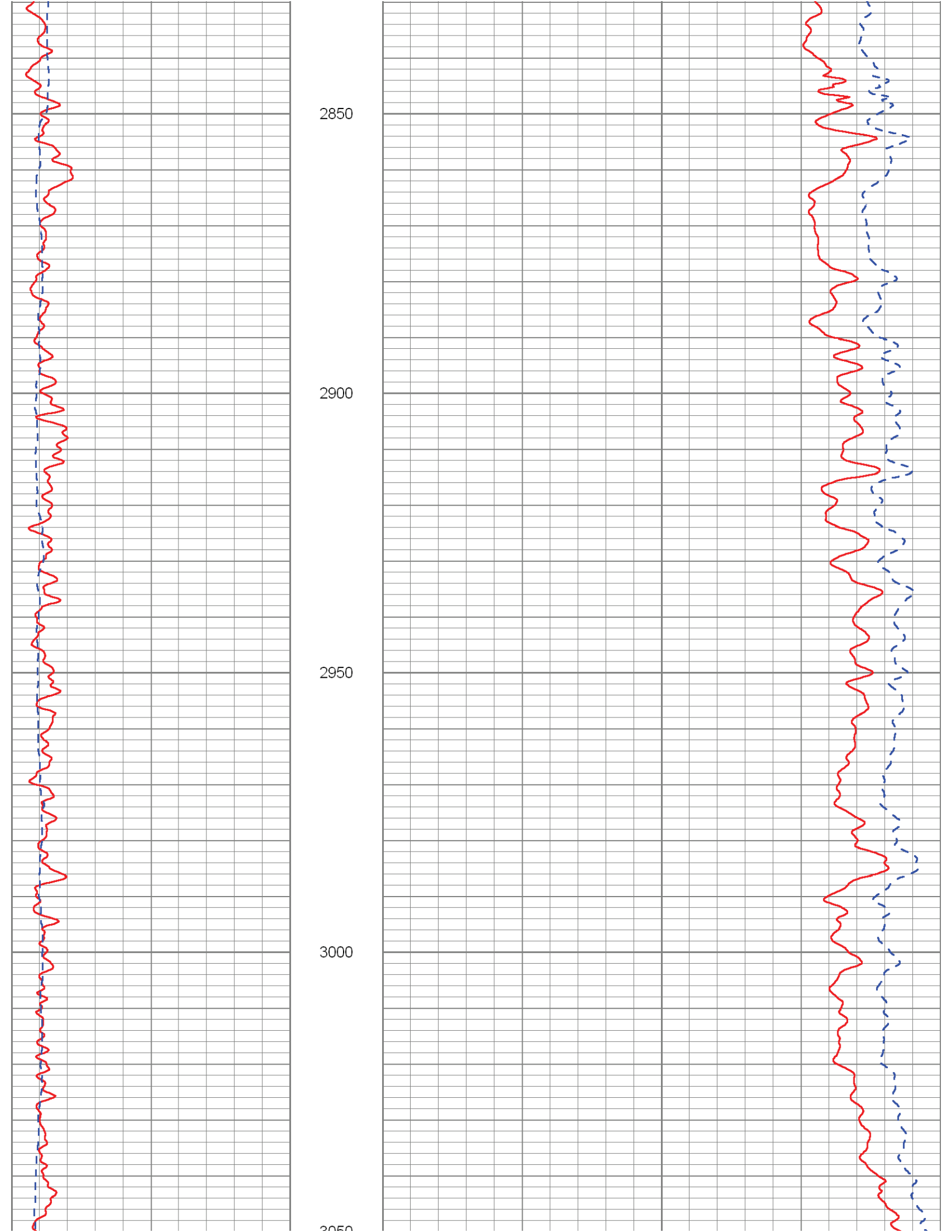


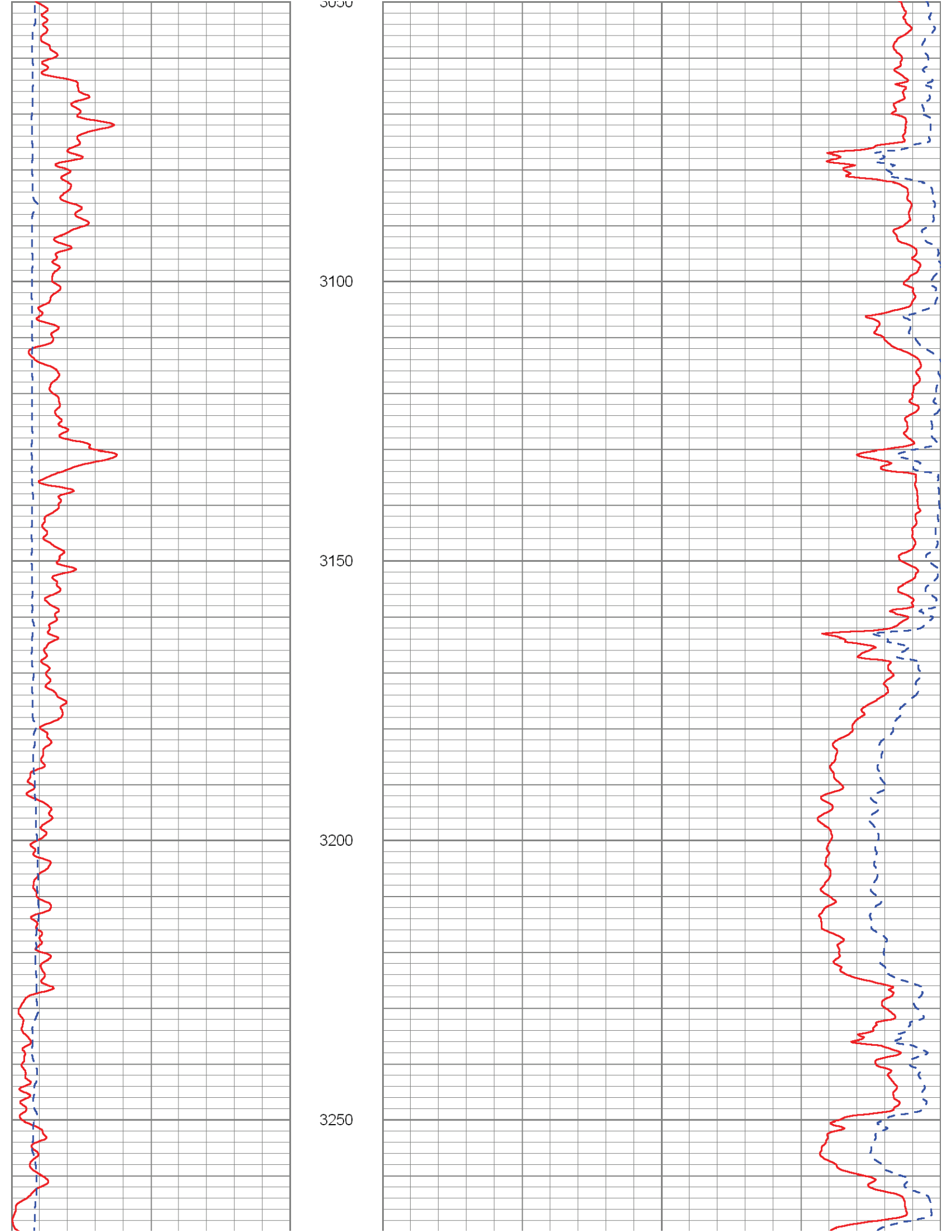

1950
2000
2050
2100
2150

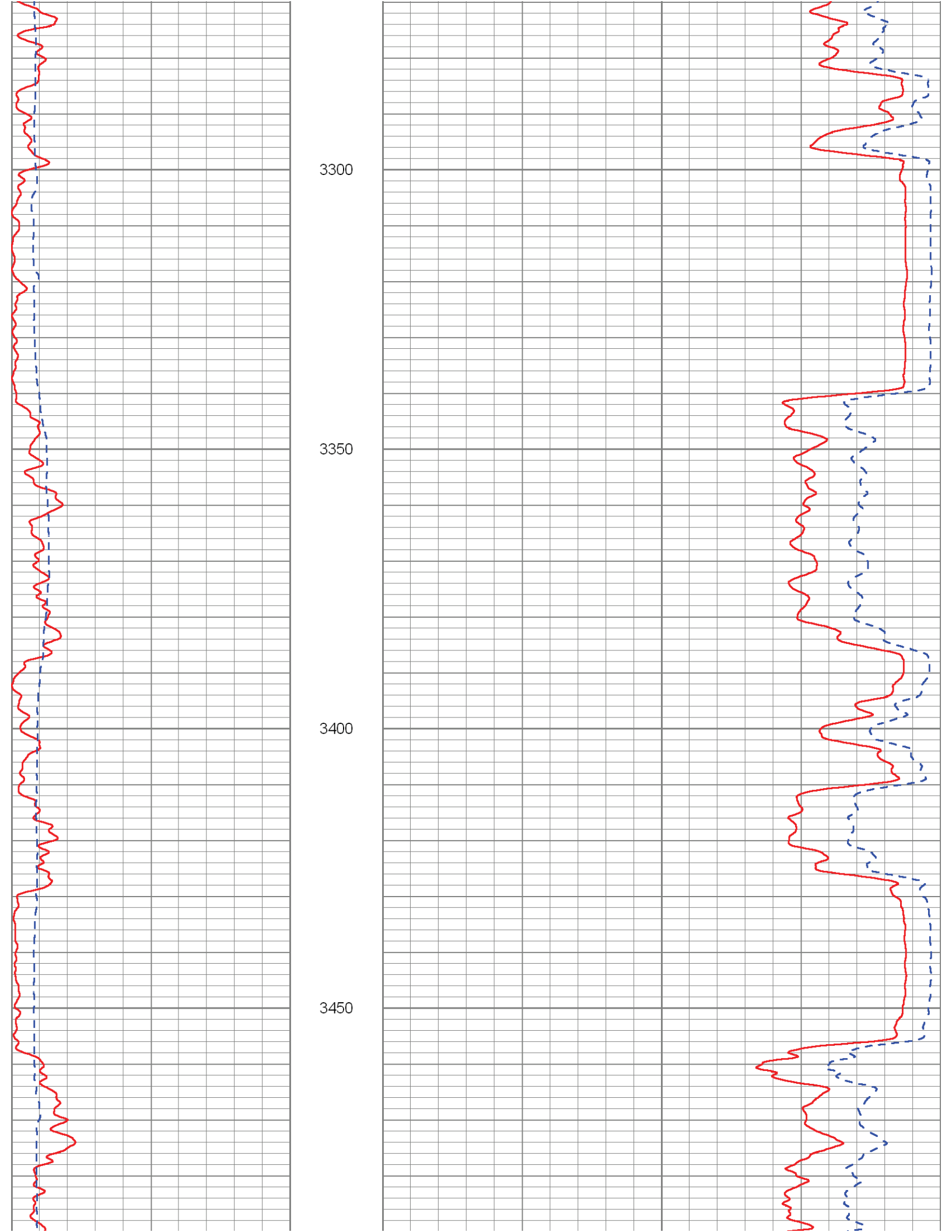

2200
2250
2300
2350

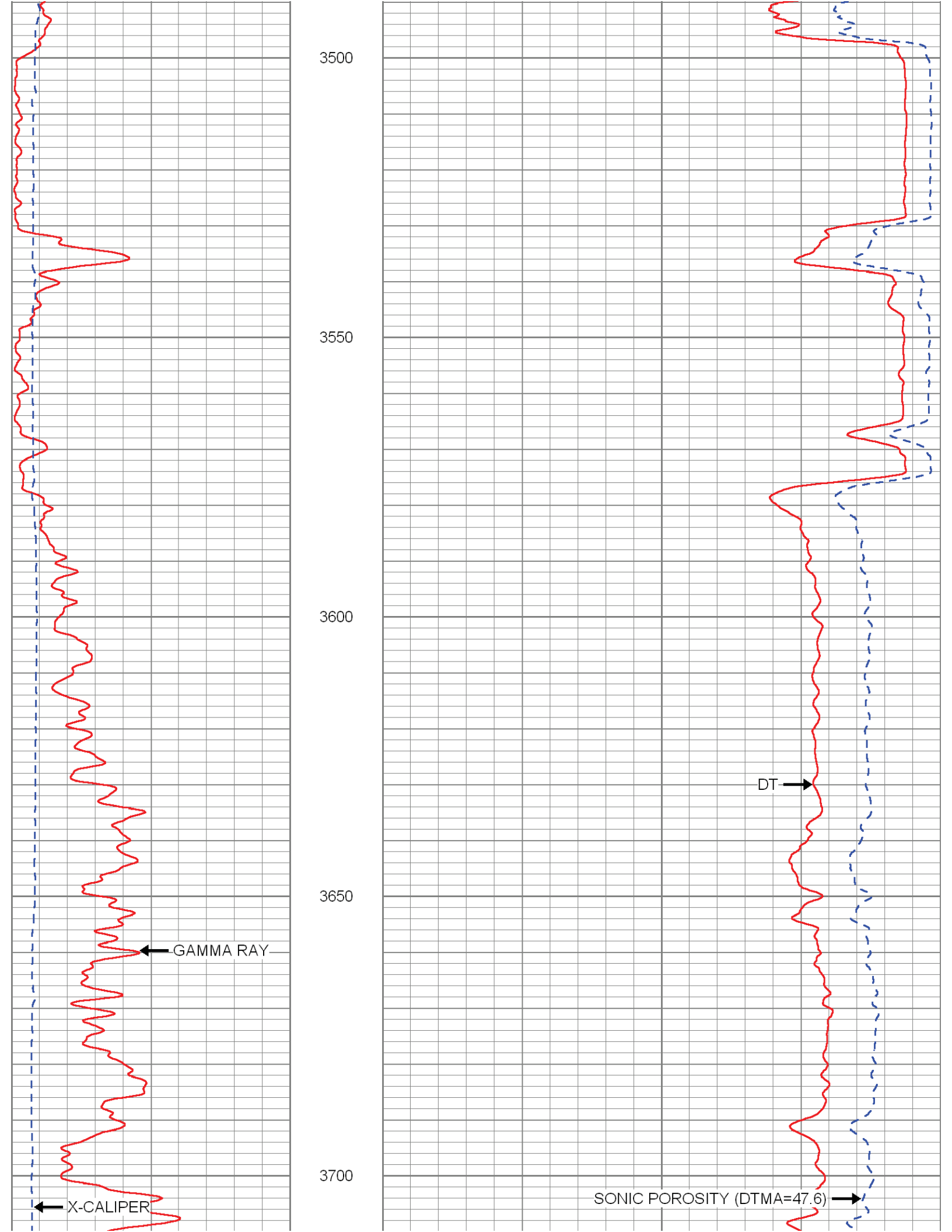

2400
2450
2500
2550
2600

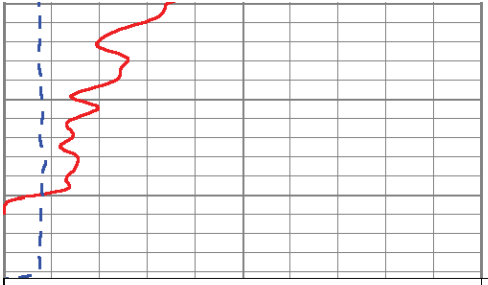

2650
2700
2750
2800


2850
2900
2950
3000

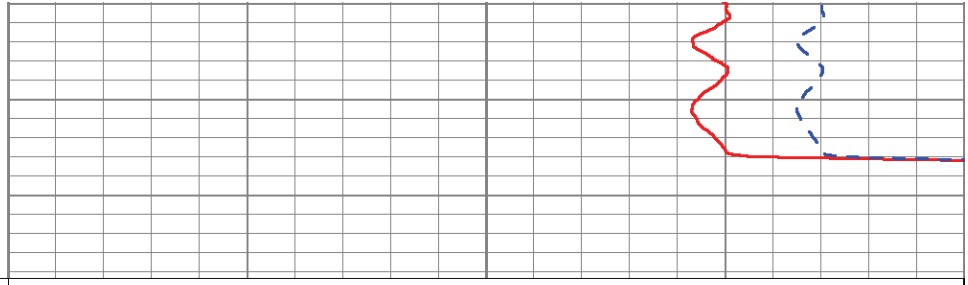

3050
3100
3150
3200
3250


3300
3350
3400
3450


3500
3550
3600
3650
3700
GAMMA RAY
X-CALIPER
DT
SONIC POROSITY (DTMA=47.6)



0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	50



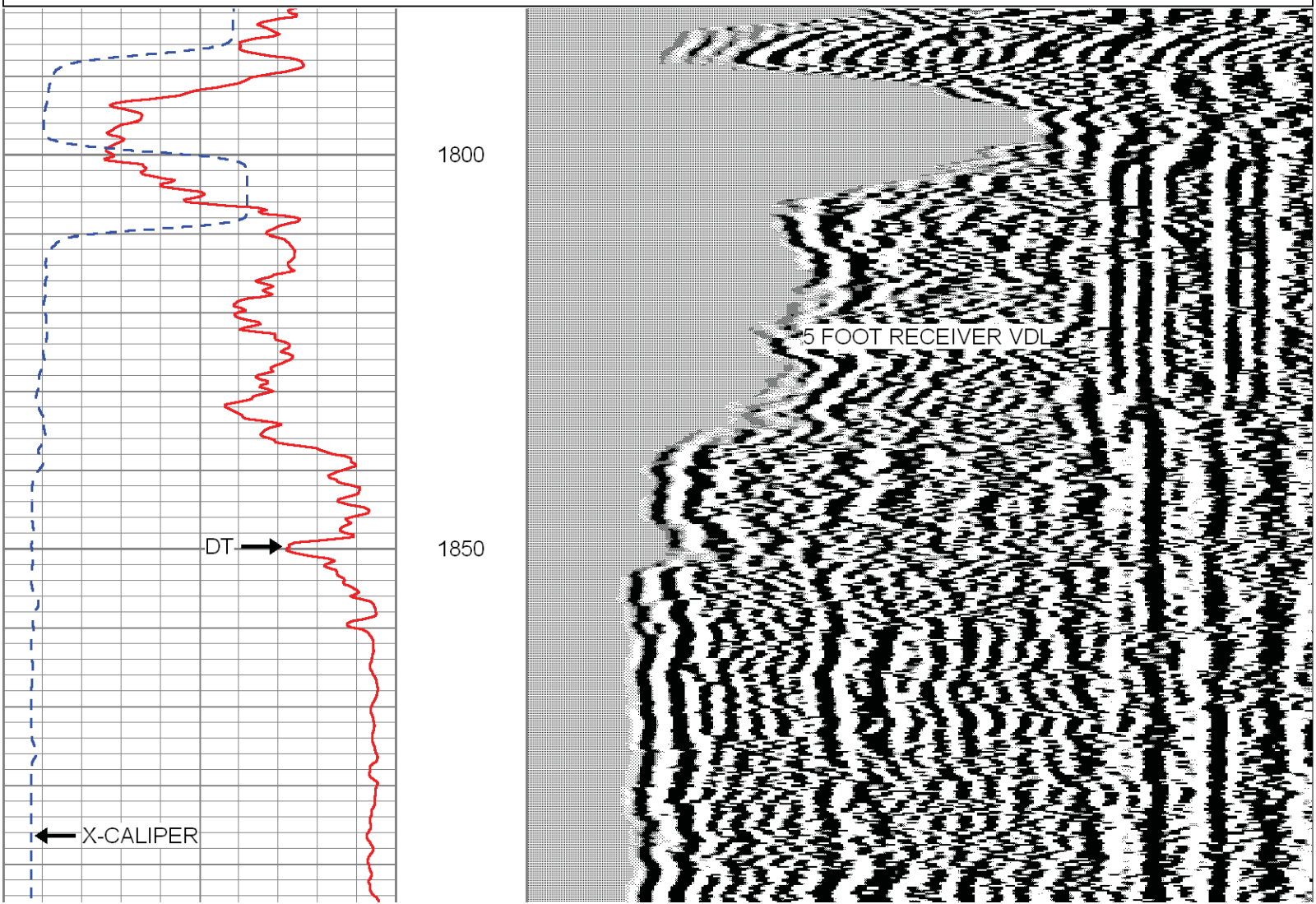
240	DT (usec/ft)	40
200	SONIC POROSITY (DTMA=47.6) (pu)	0

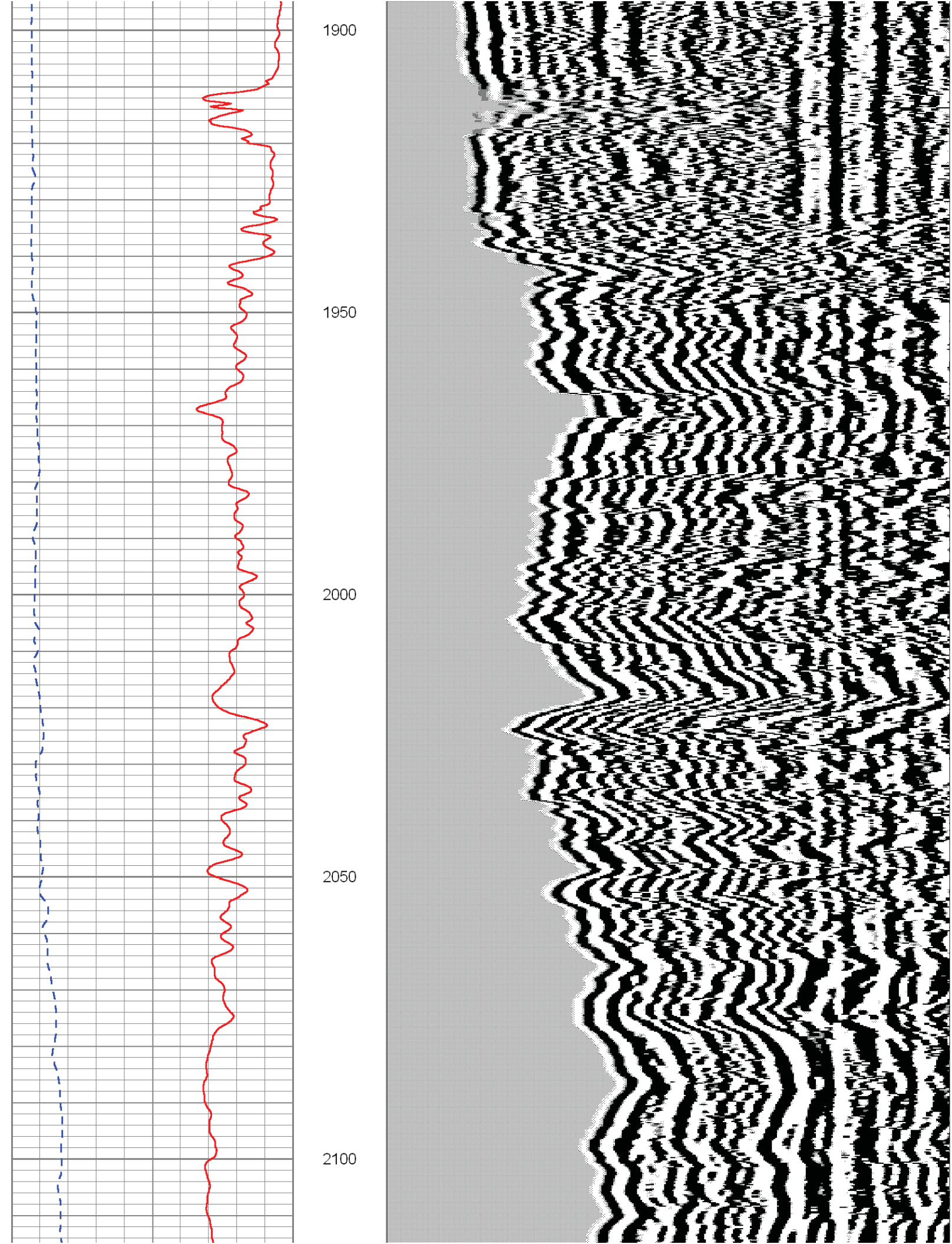
MAIN PASS

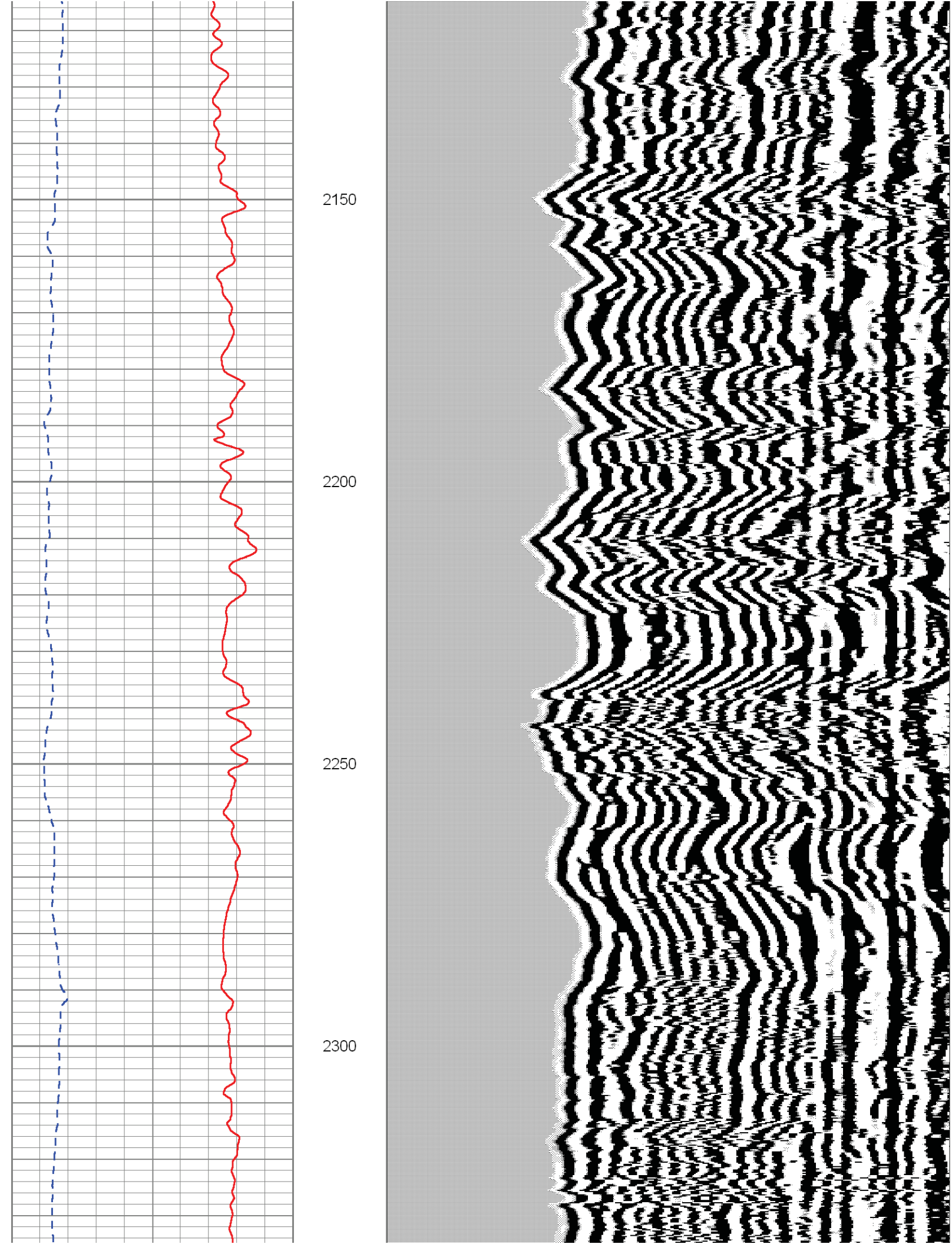
Database File:	labelleiw1.db
Dataset Pathname:	run10/pass13
Presentation Format:	son_vdl
Dataset Creation:	Sat May 18 14:38:01 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

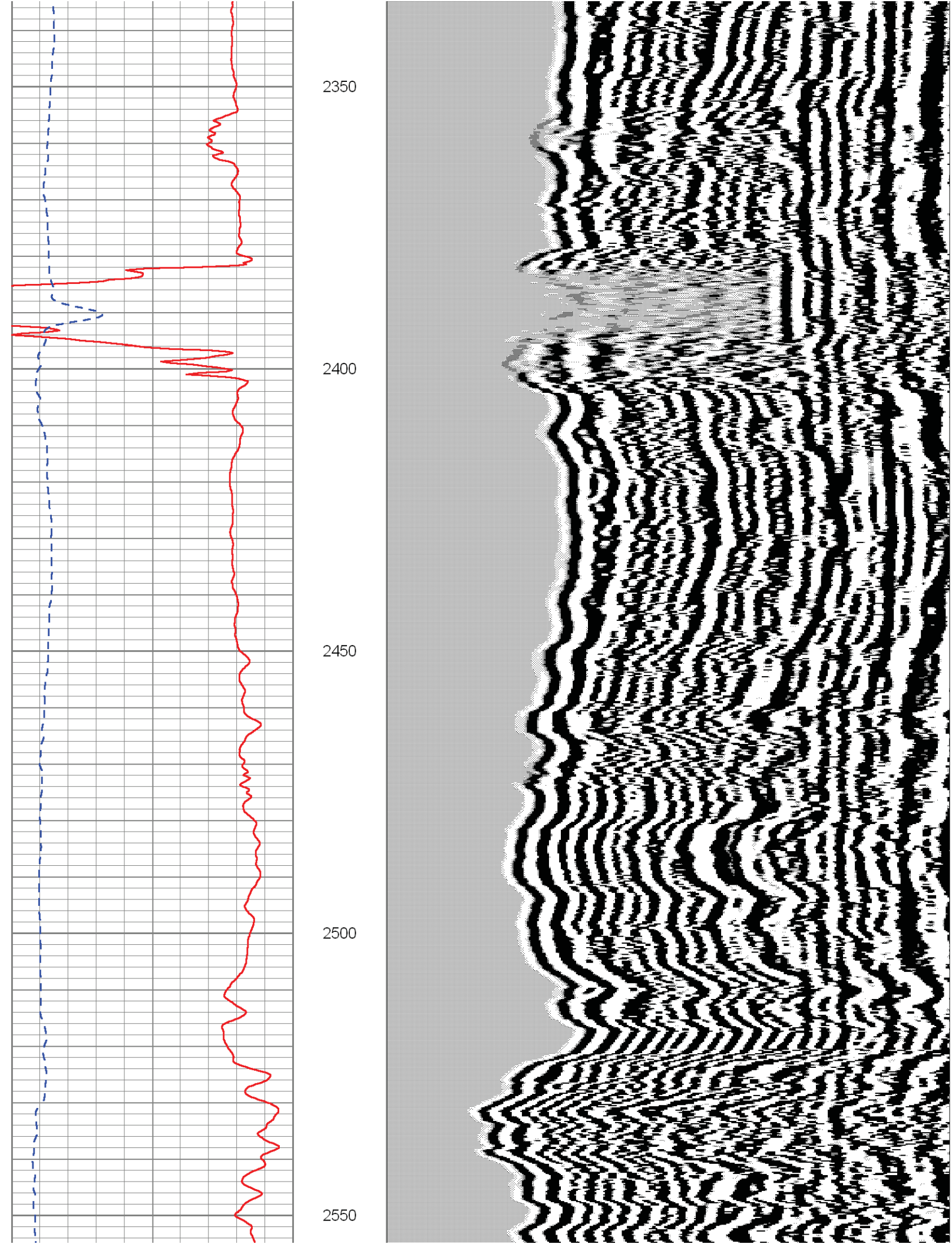
240	DT (usec/ft)	40
10	X-CALIPER (in)	50

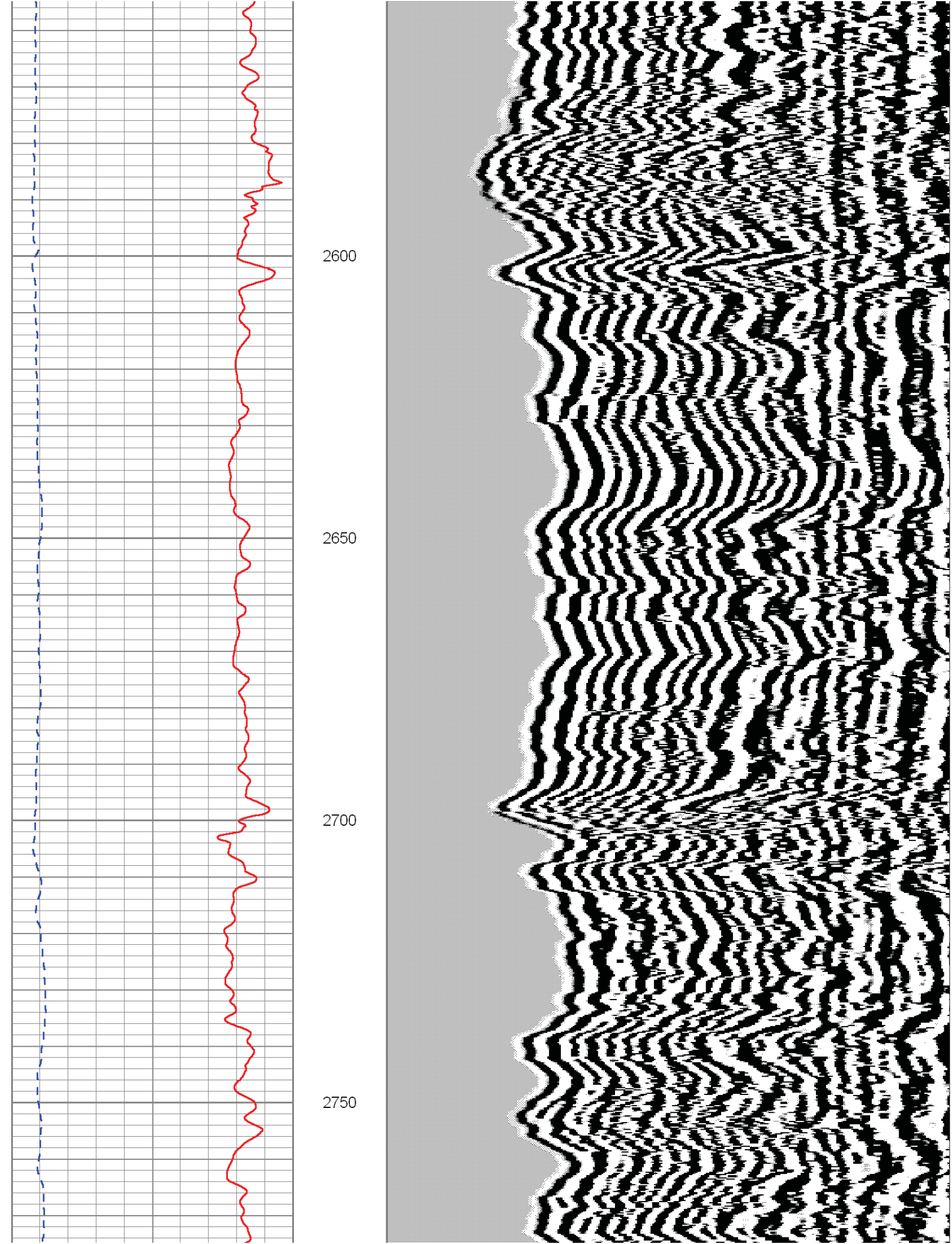
400	5 FOOT RECEIVER VDL	1400

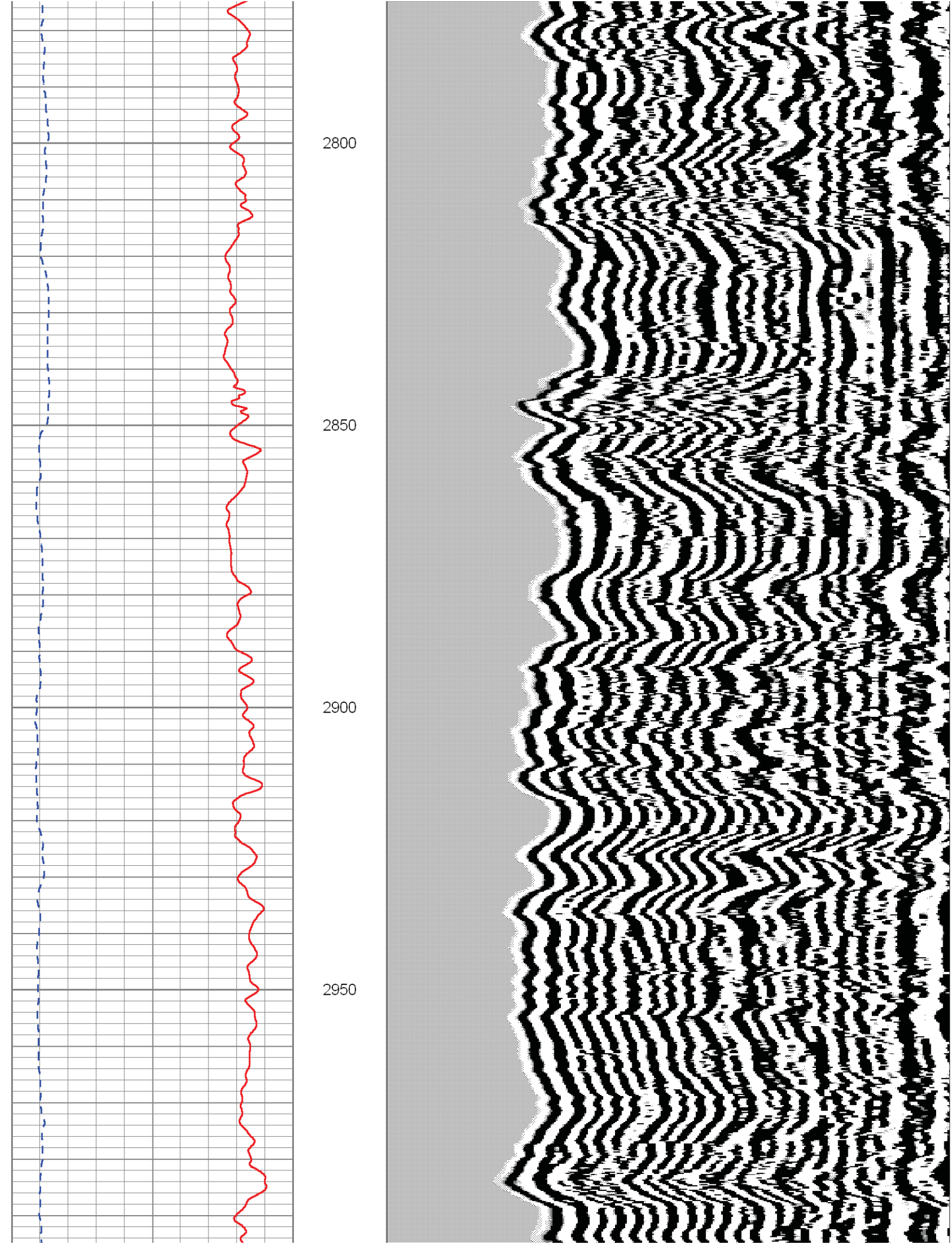


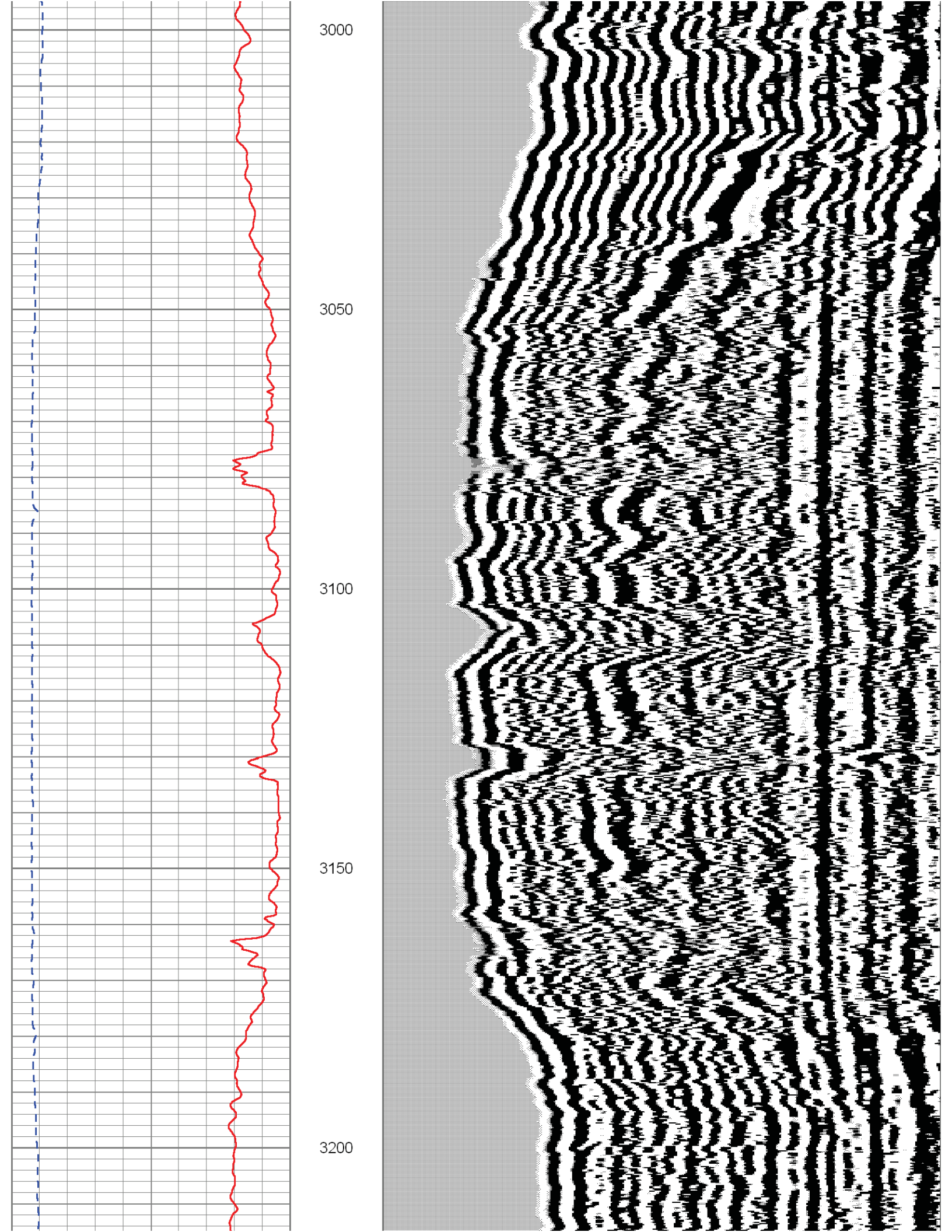

1900
1950
2000
2050
2100

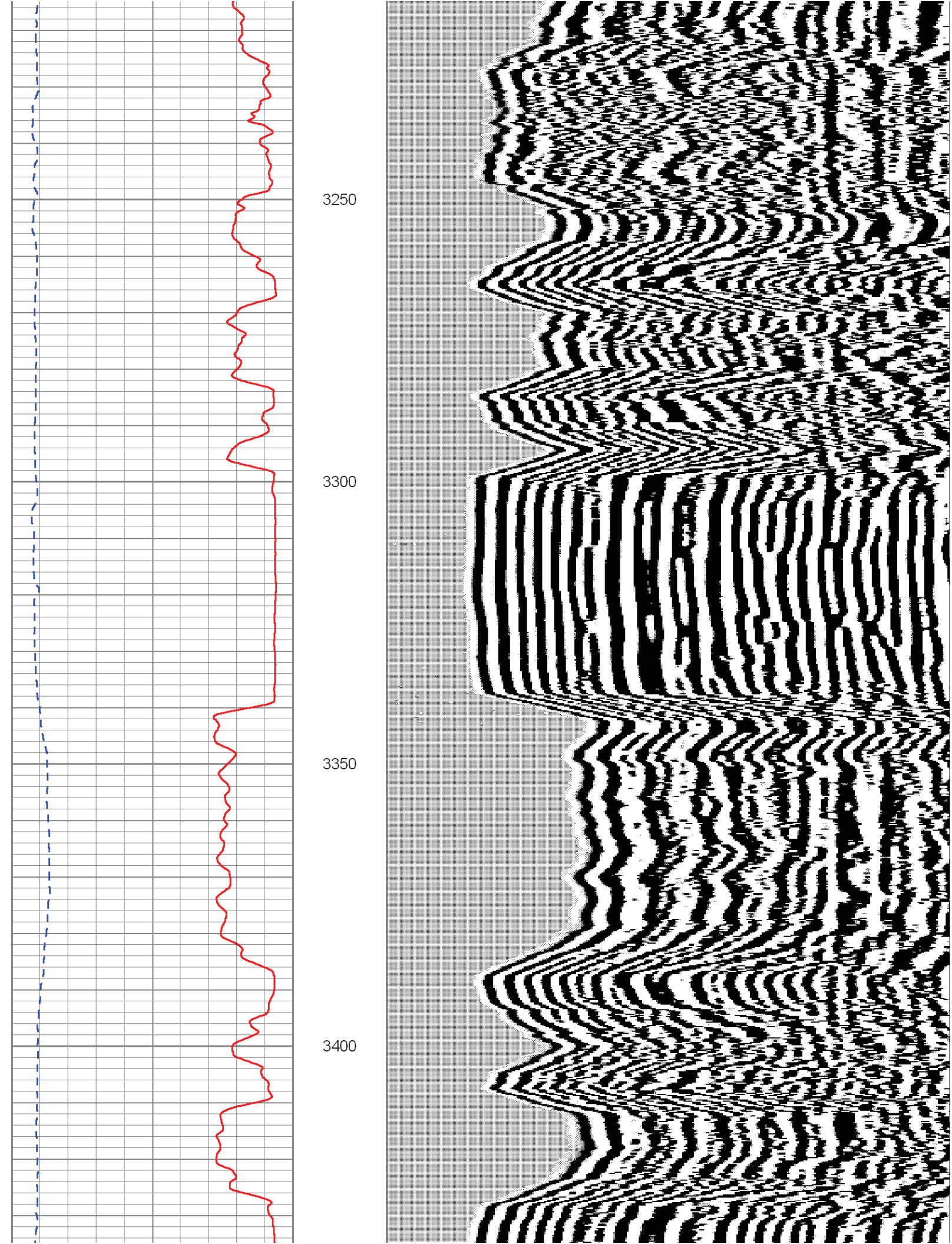

2150
2200
2250
2300

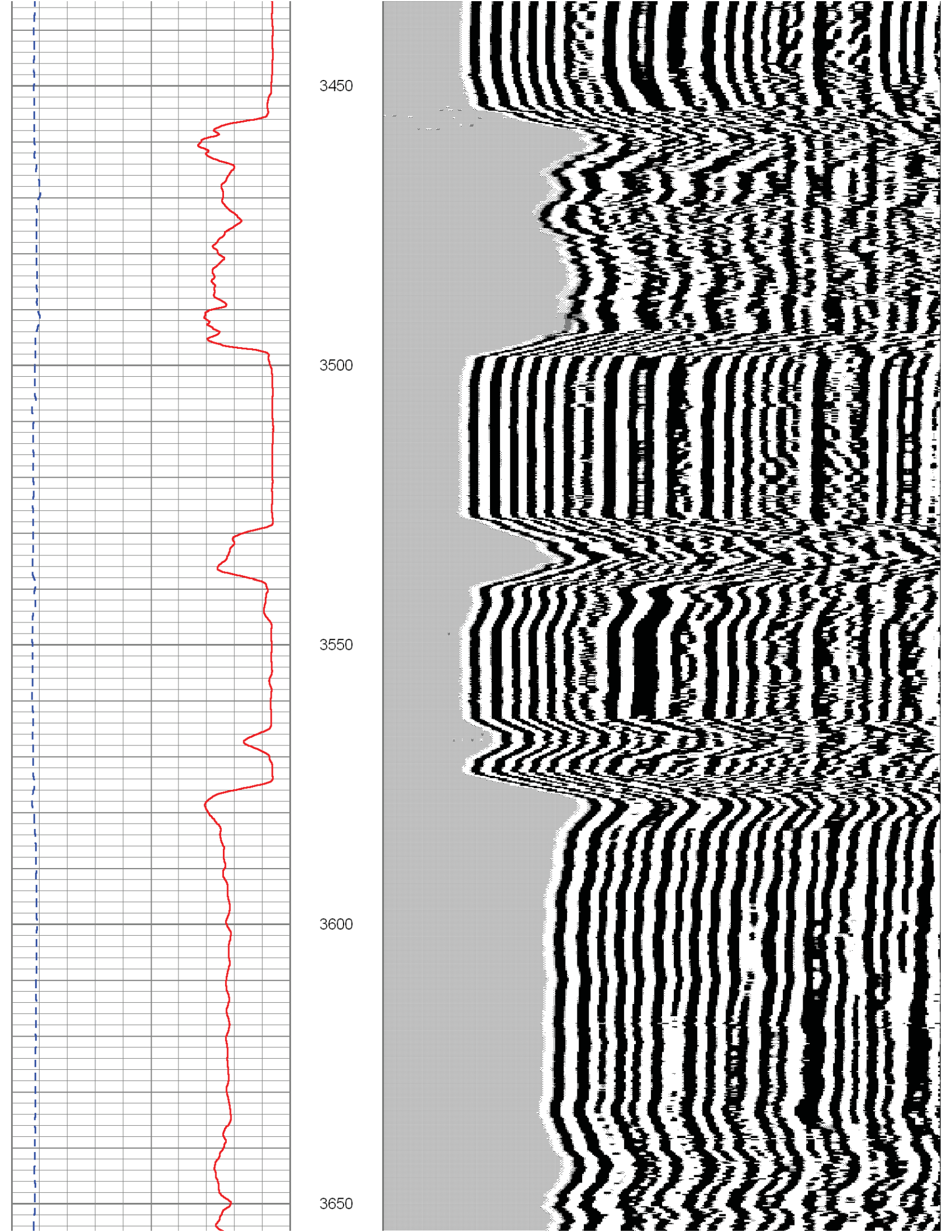

2350
2400
2450
2500
2550

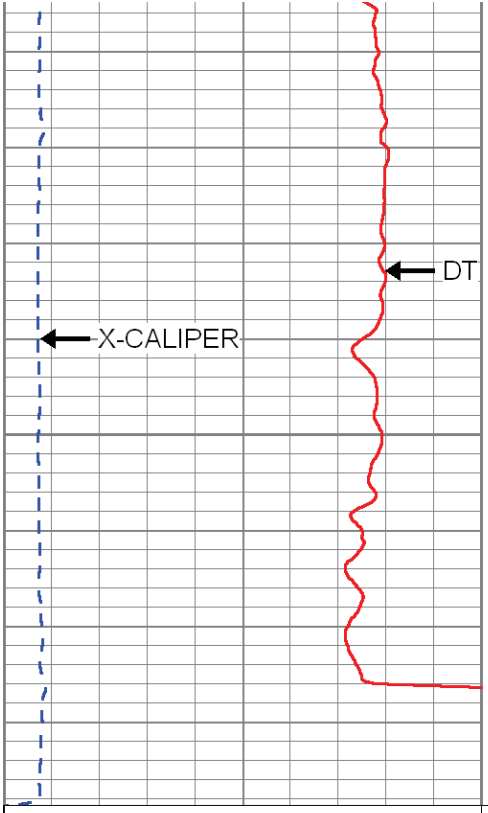

2600
2650
2700
2750


2800
2850
2900
2950

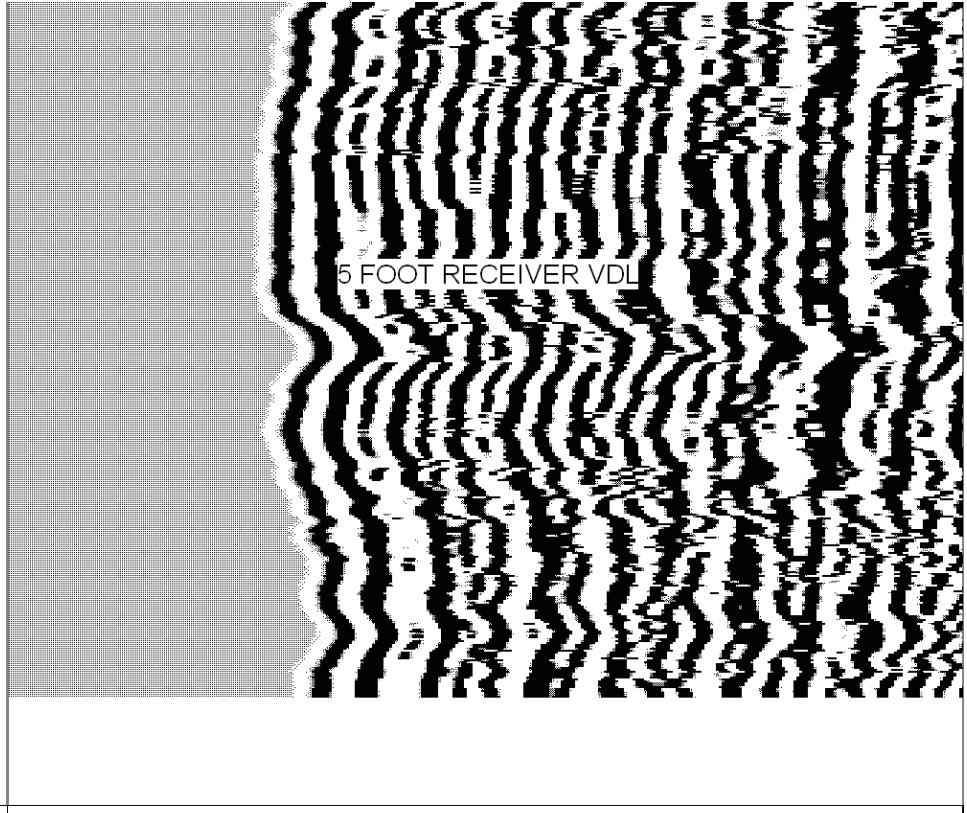

3000
3050
3100
3150
3200


3250
3300
3350
3400


3450
3500
3550
3600
3650



3700



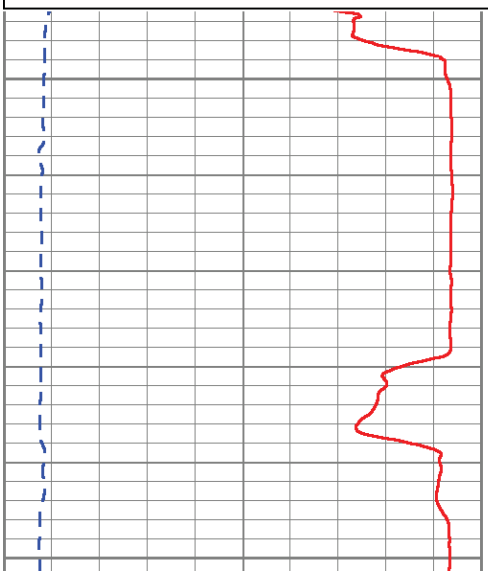
240	DT (usec/ft)	40	400	5 FOOT RECEIVER VDL	1400
10	X-CALIPER (in)	50			

YOUNGQUIST BROTHERS

REPEAT PASS

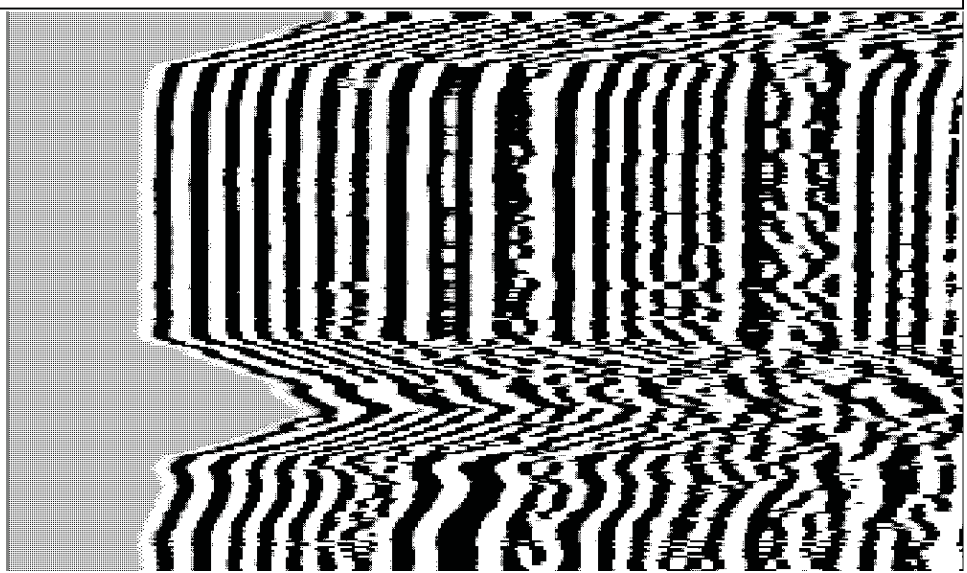
Database File:	labelleiw1.db
Dataset Pathname:	run10/pass9
Presentation Format:	son_vdl
Dataset Creation:	Sat May 18 14:23:54 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

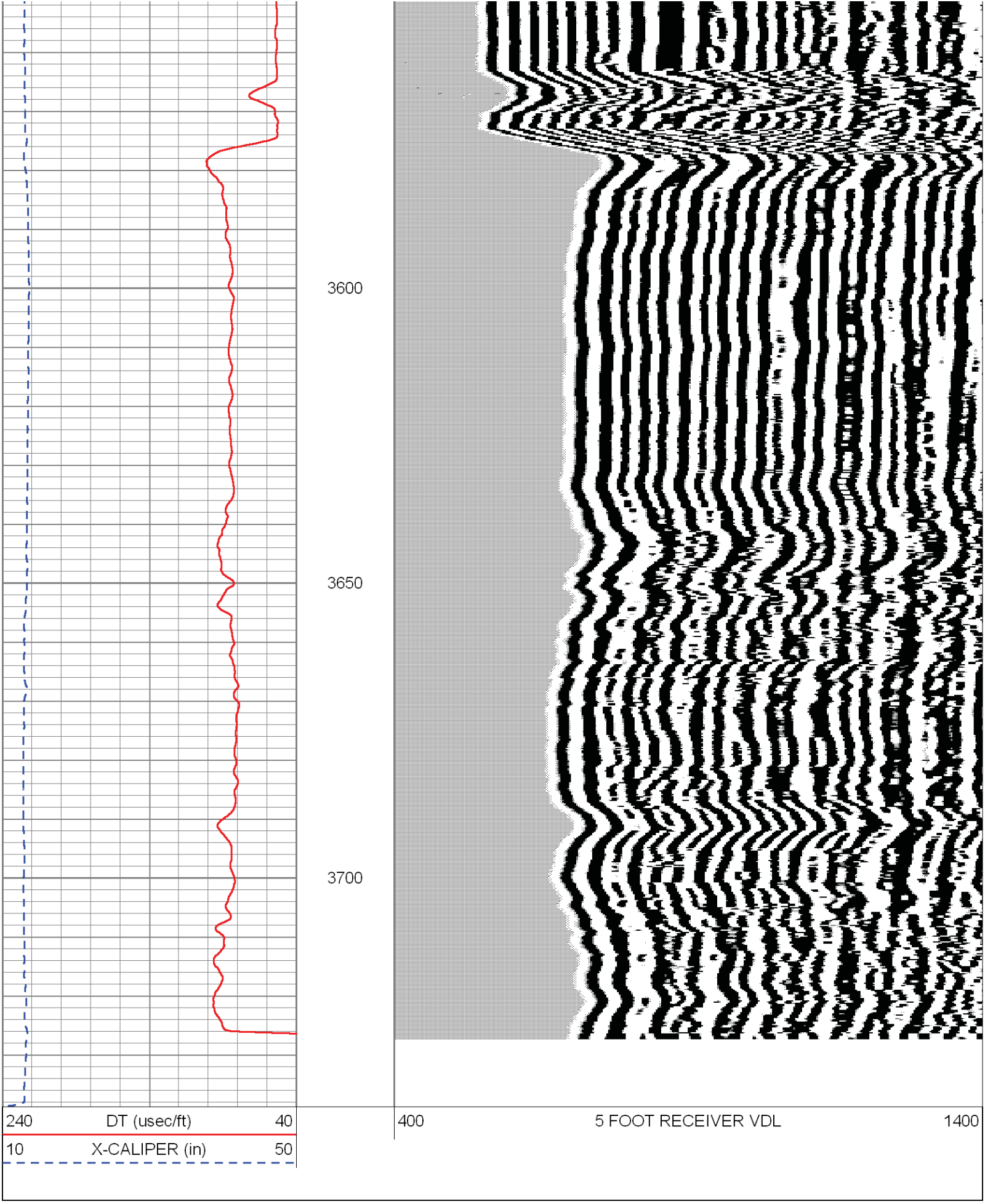
240	DT (usec/ft)	40	400	5 FOOT RECEIVER VDL	1400
10	X-CALIPER (in)	50			



3500

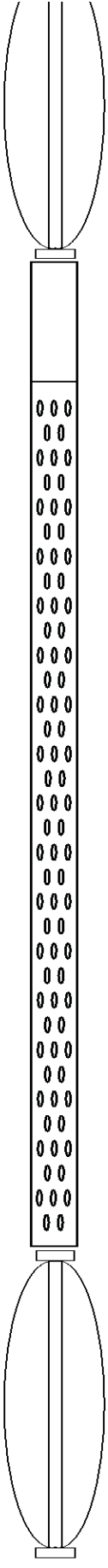
3550





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

		TOP	5.00	3.00	50.00
WVF1	13.50				
WVF3	13.50	SLT-PENGO (03)	16.00	3.50	127.00
WVF2	11.50				
WVF4	11.50				
		BOT	5.00	3.00	50.00



Dataset:	labelleiw1.db: field/well/run10/pass13
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

FLOWMETER LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	18-MAY-2013		
Run Number	TEN		
Depth Driller	3737'		
Depth Logger	3738'		
Bottom Logged Interval	3738'		
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	0800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MOREY	RIVES	
Witnessed By	DOYLE		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'	FIVE	40.5"	CASING	1810'
TWO	14.75"	CASING	900'	SIX	12.25"	CASING	3737'
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner	34"	.375" W.T.	SURFACE	1800'

<< Fold Here >>>

Comments

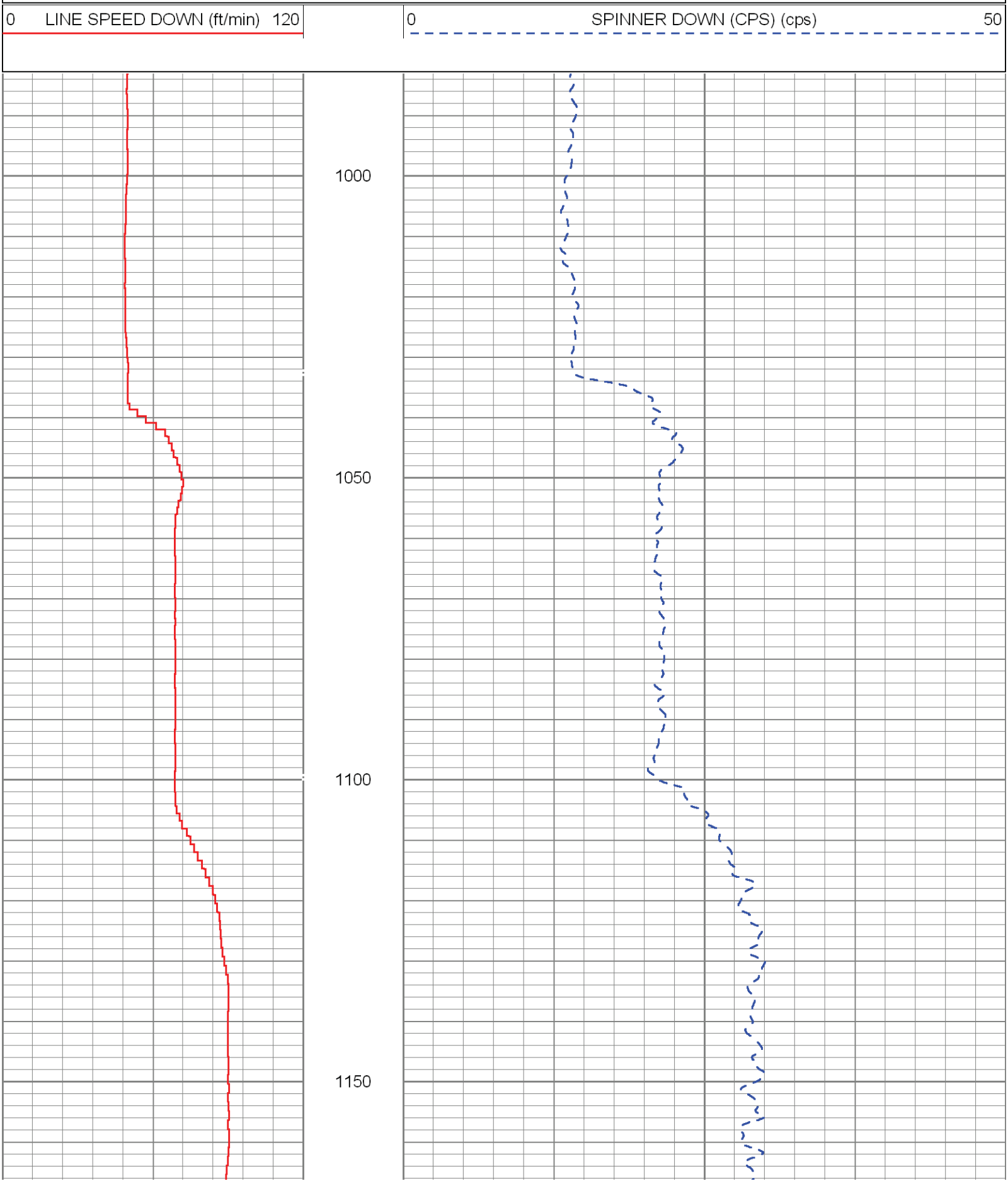
FLUID RESISTIVITY TEMPERATURE
XY- CALIPER/GAMMA-RAY
DUAL INDUCTION
BOREHOLE SONIC

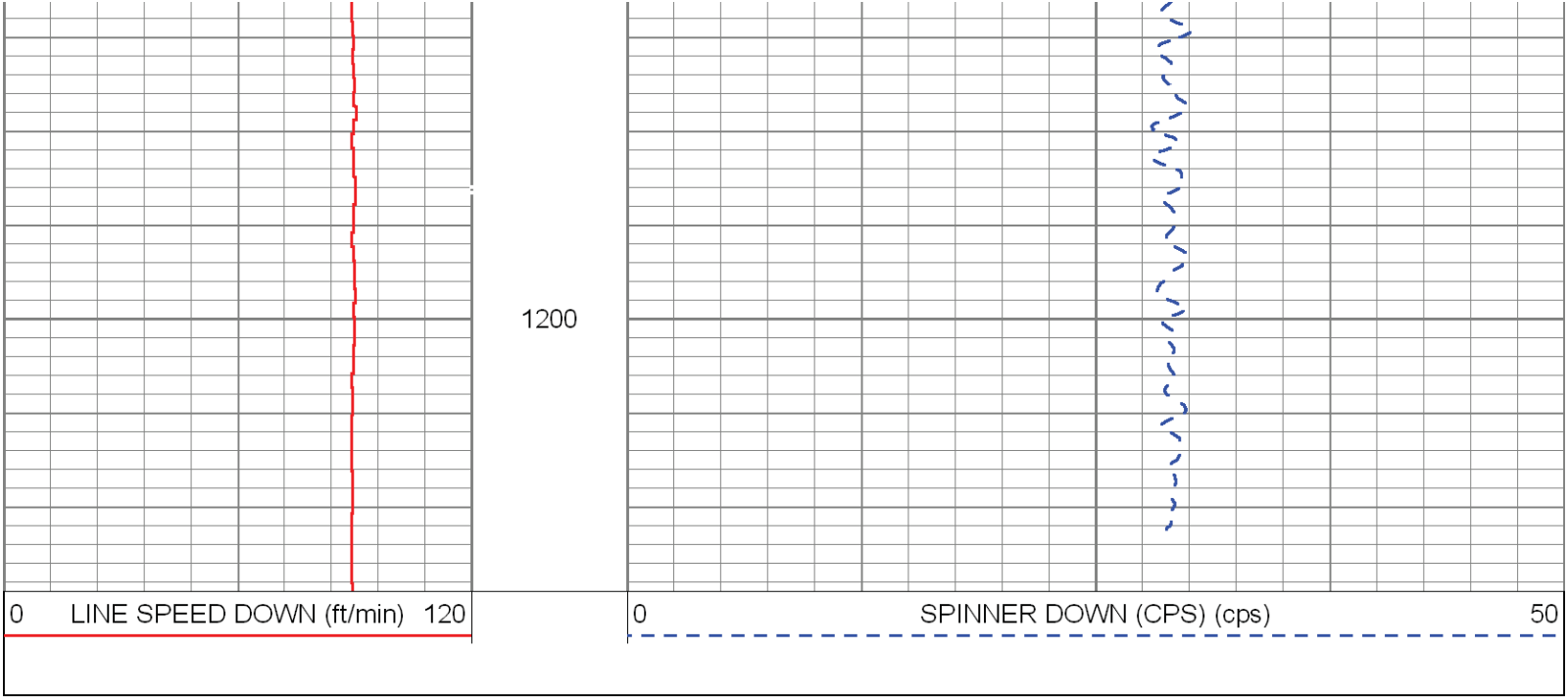
DYNAMIC FLOWRATE = 292 GPM

FLOW CALS 50, 70, 90 FPM

BROTHERS

Database File:	labelleiw1.db
Dataset Pathname:	run10/pass15
Presentation Format:	flowcals
Dataset Creation:	Sat May 18 15:59:11 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240



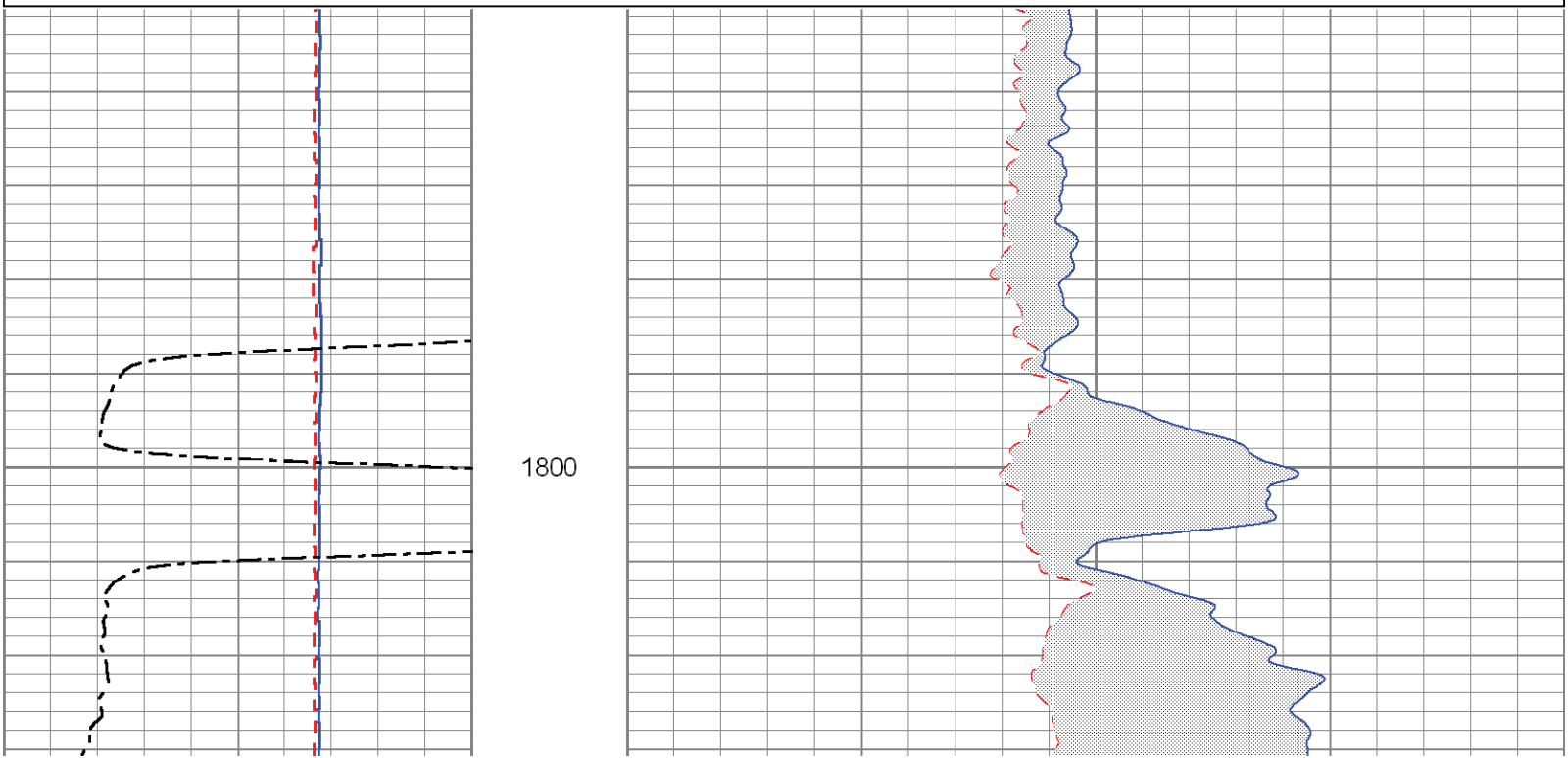


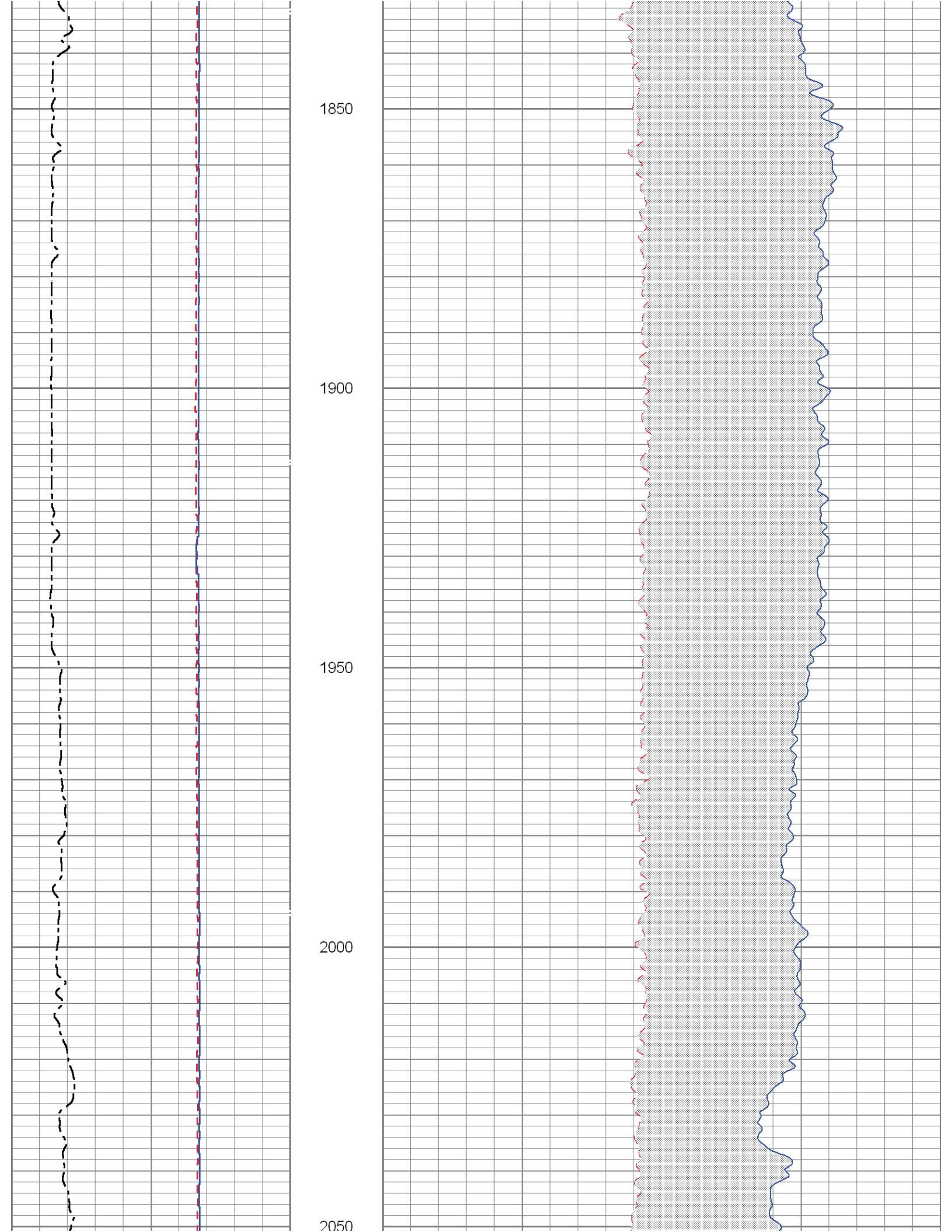
MERGED FLOW

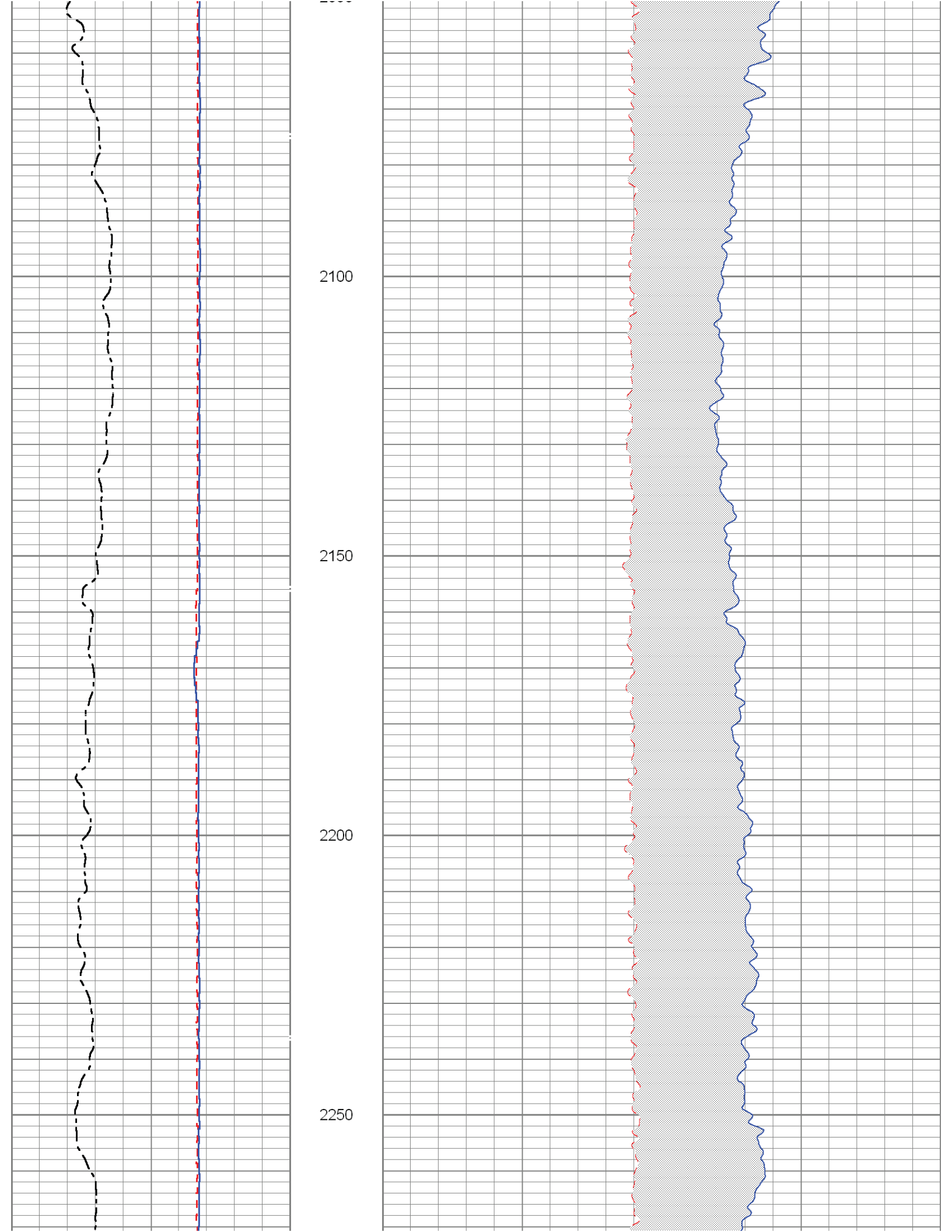
Database File:	labelleiw1.db
Dataset Pathname:	run10/pass17
Presentation Format:	fm_dnmg
Dataset Creation:	Sat May 18 19:12:06 2013 by Log SOC 110722
Charted by:	Depth in Feet scaled 1:240

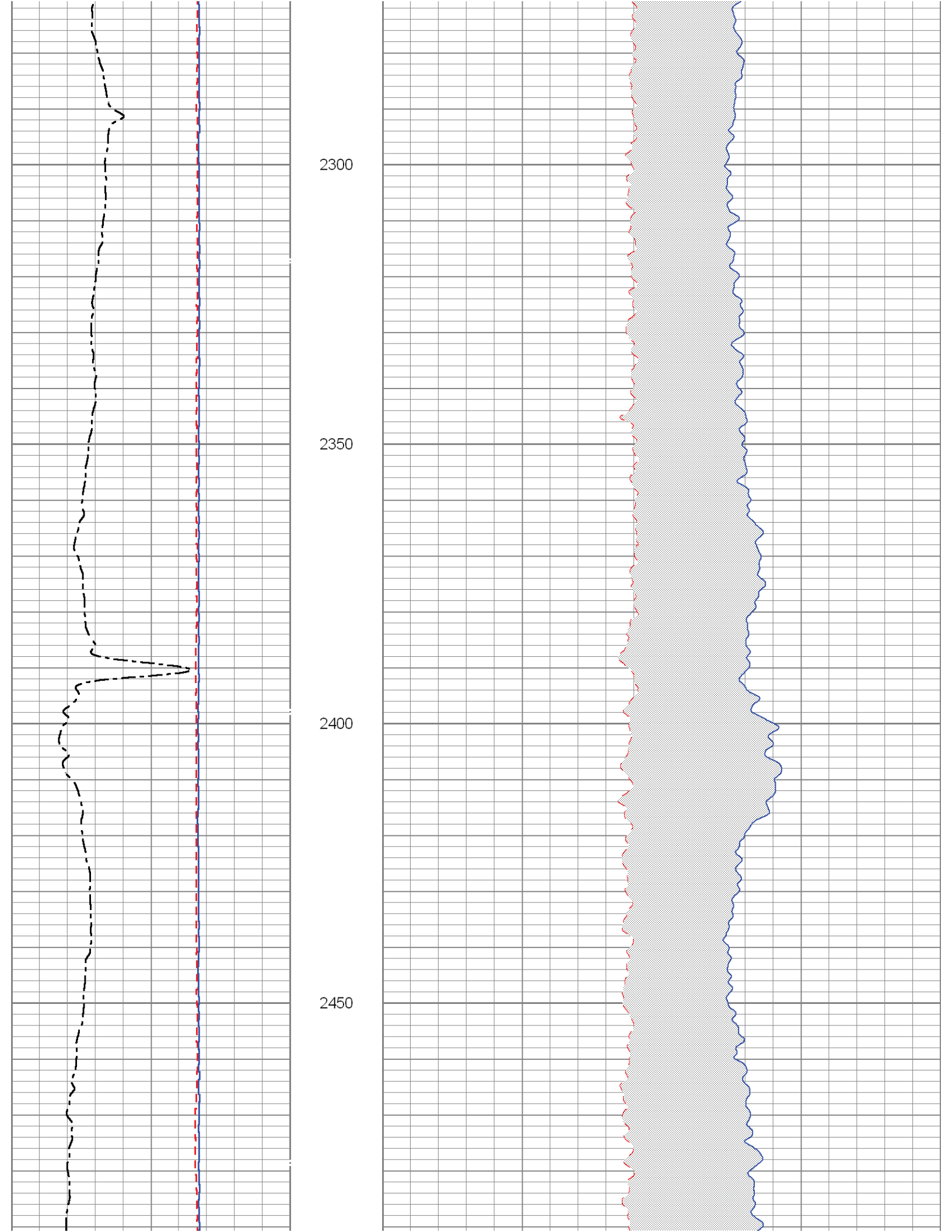
0 L.S STATIC DOWN (ft/min) 120
0 L.S DYNAMIC DOWN (ft/min) 120
10 XCAL (in) 30

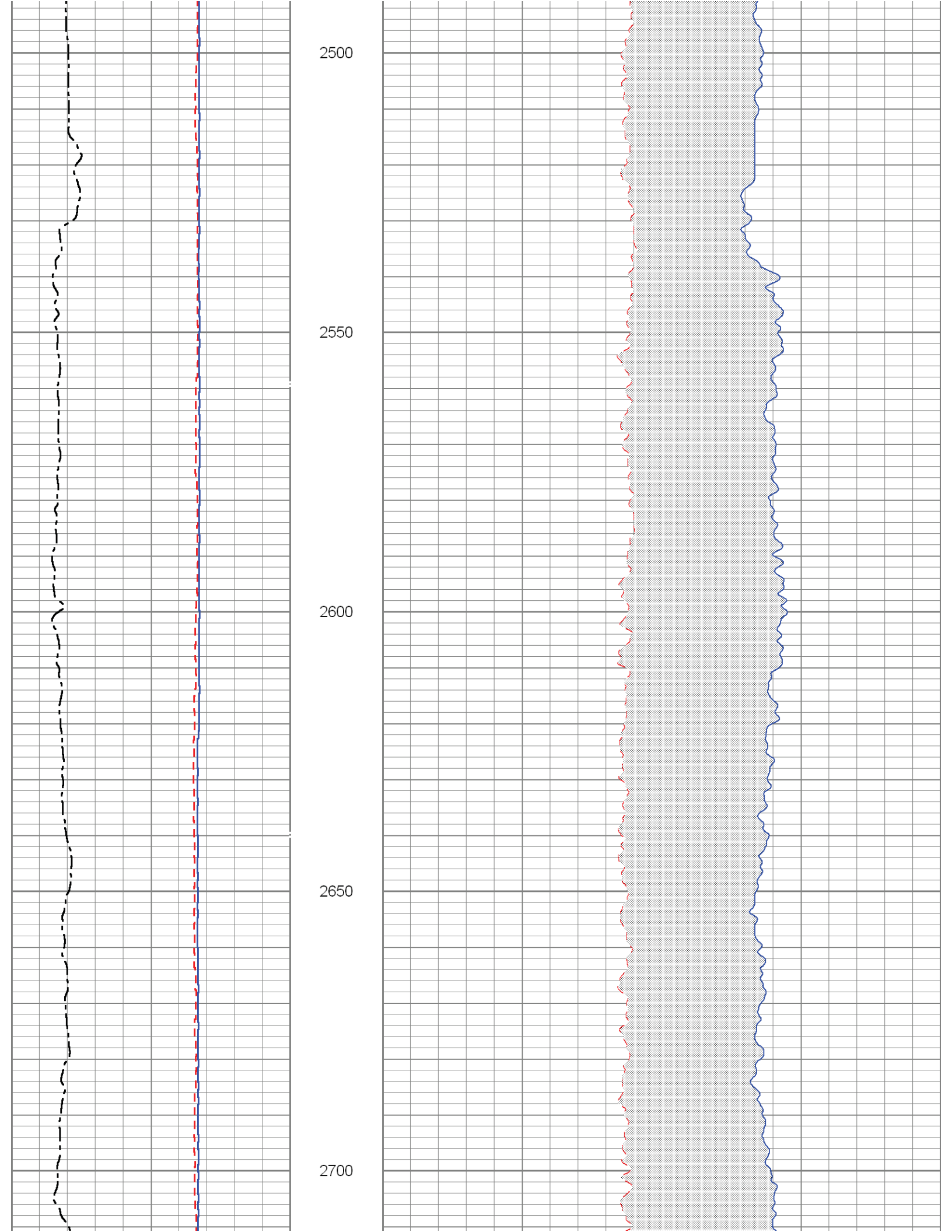
0 DYNAMIC DOWN FLOW (cps) 60
0 STATIC DOWN FLOW (cps) 60

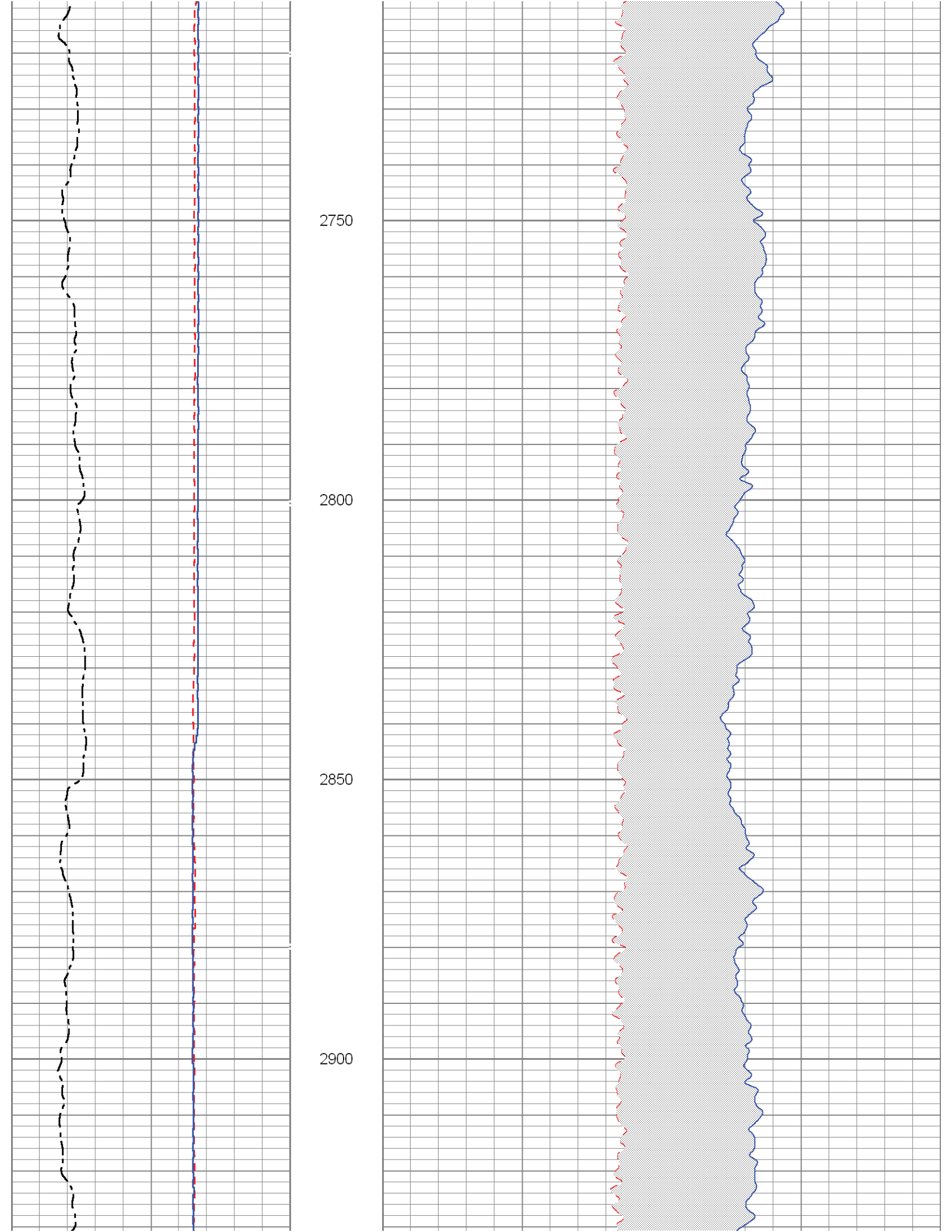


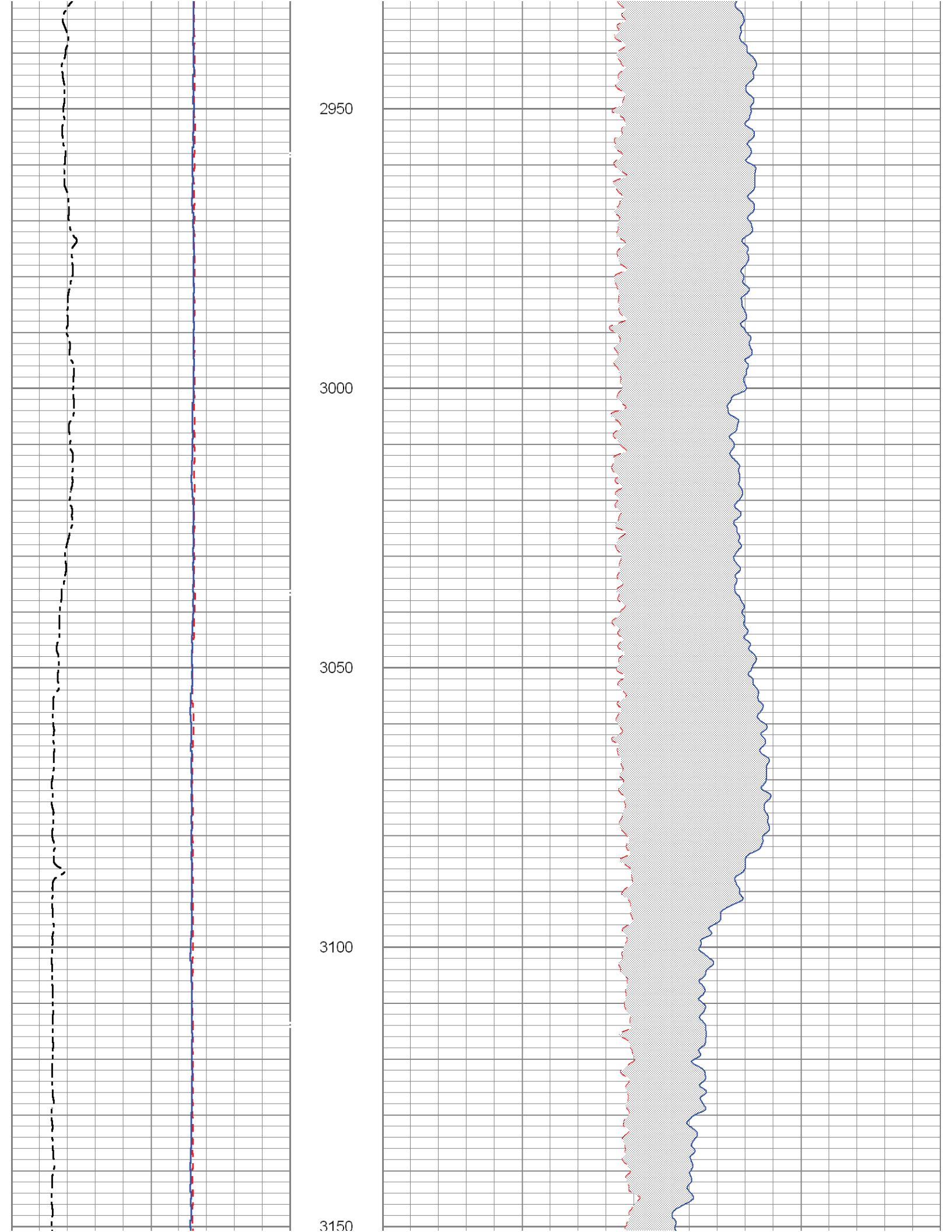

1850
1900
1950
2000
2050

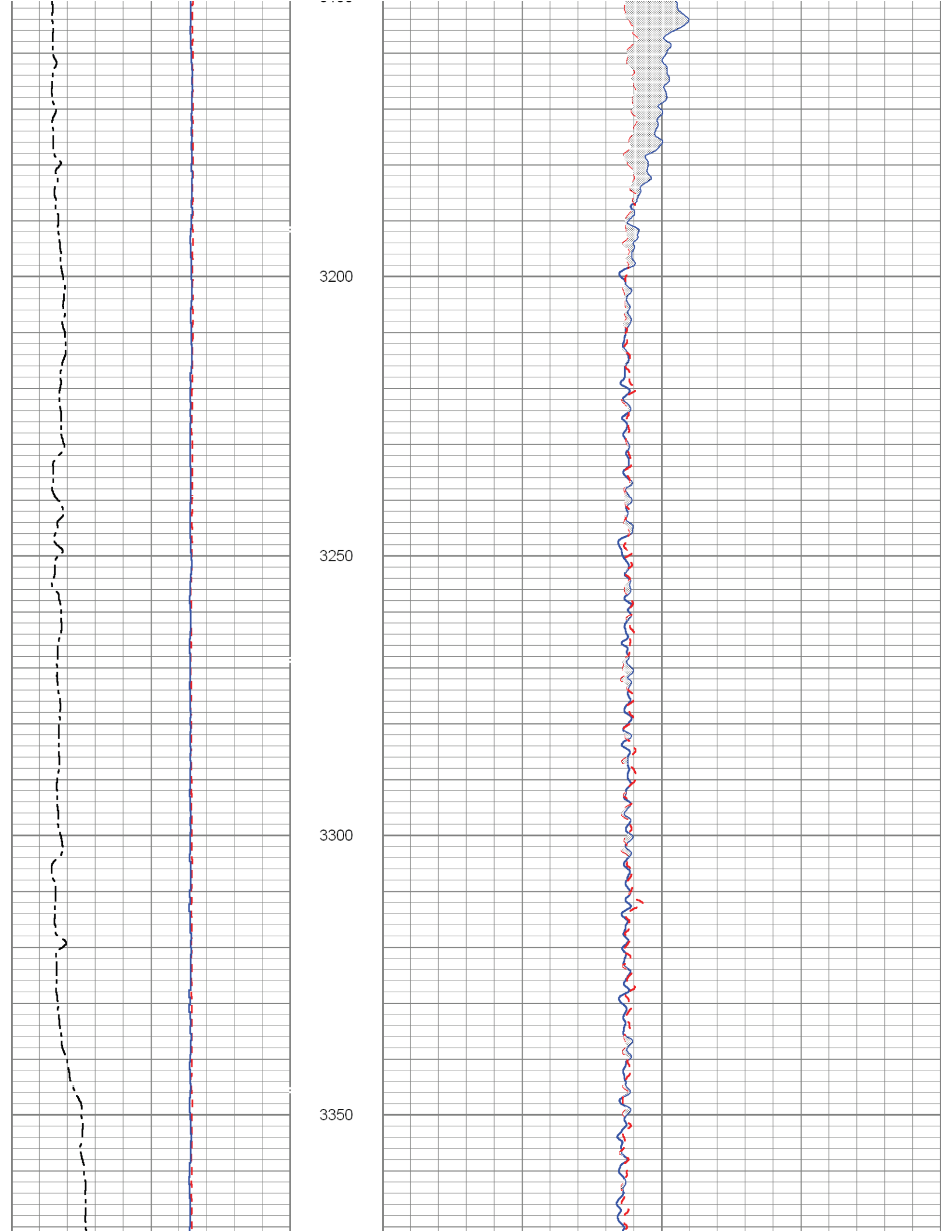

2100
2150
2200
2250

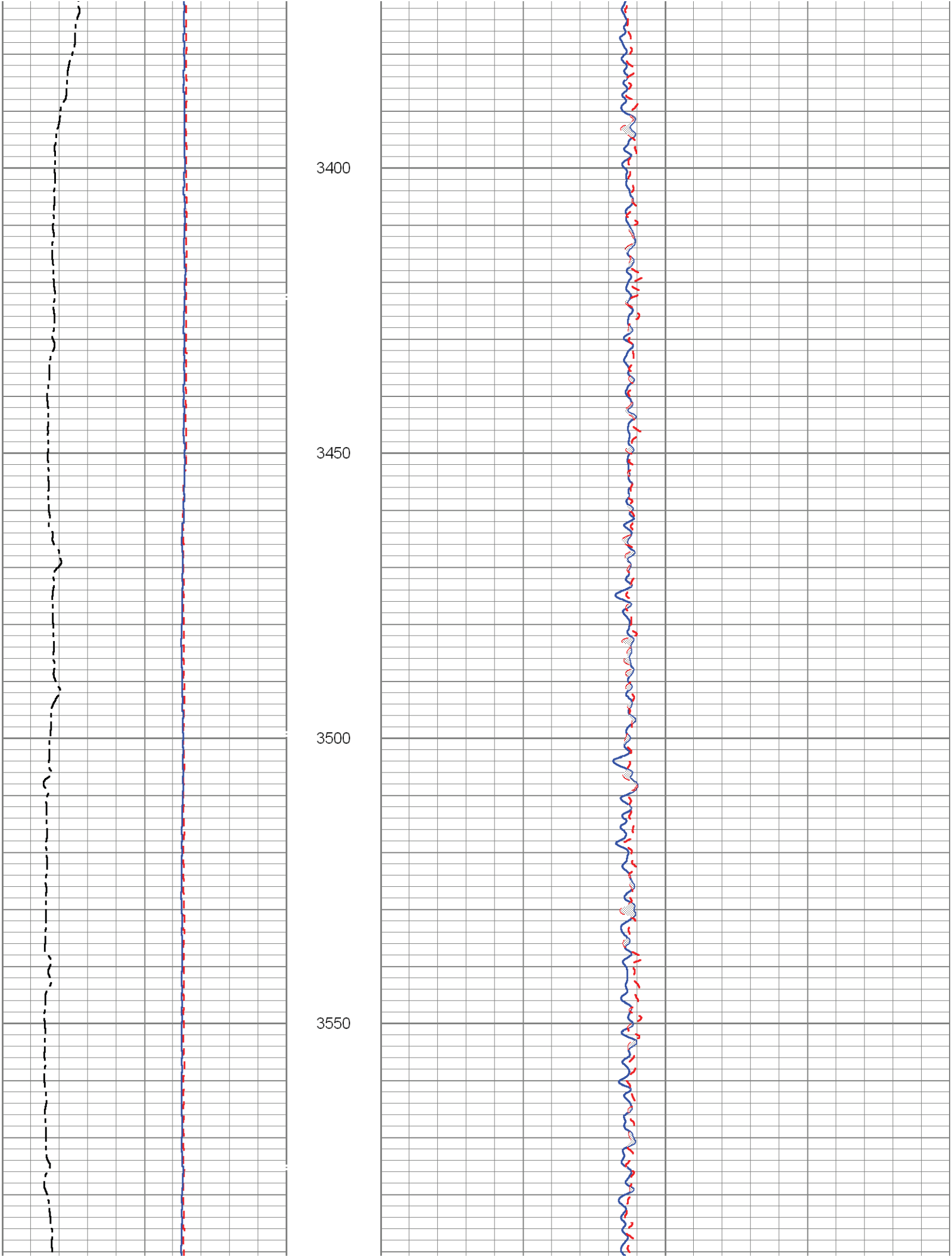

2300
2350
2400
2450

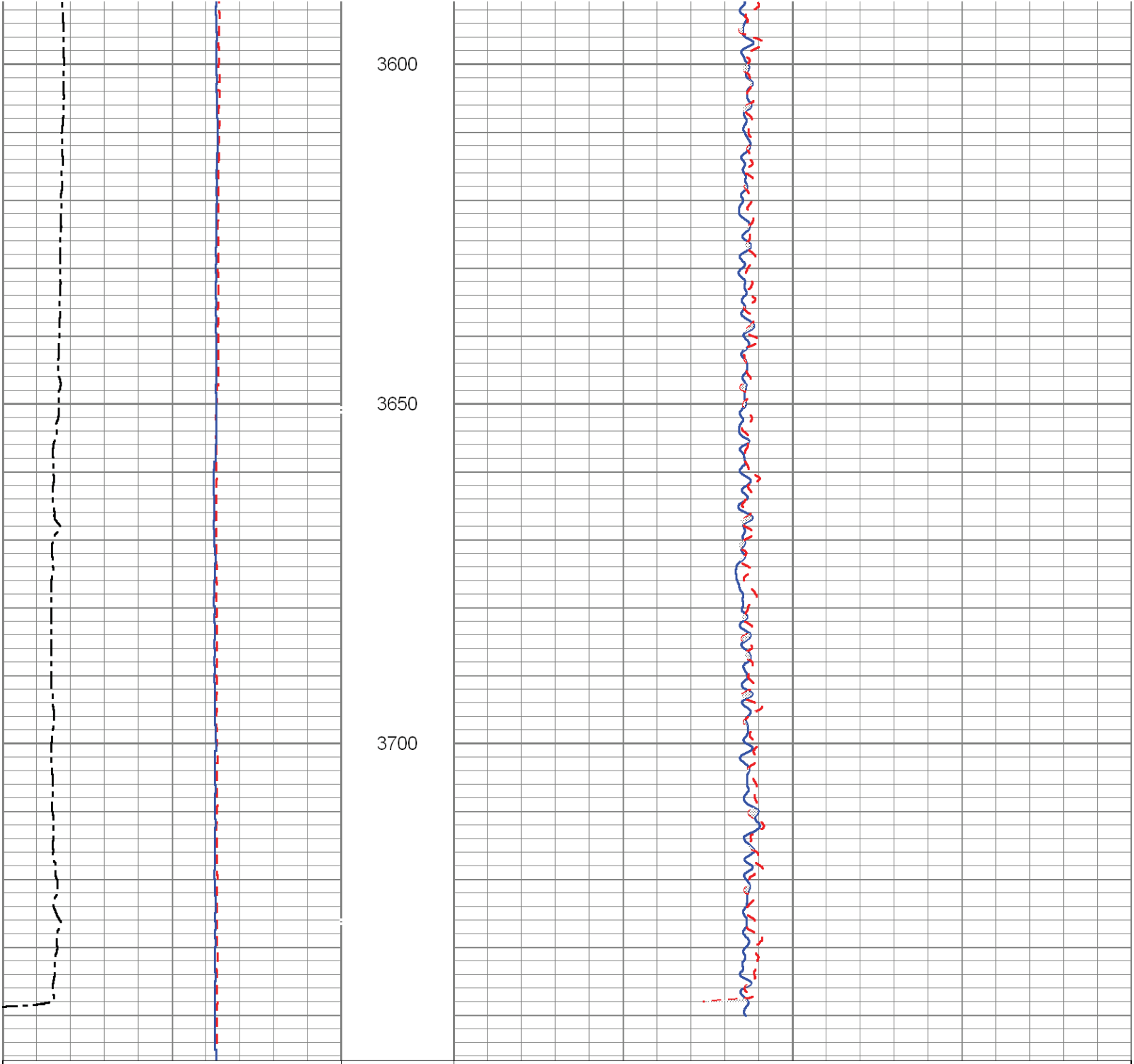

2500
2550
2600
2650
2700


2750
2800
2850
2900

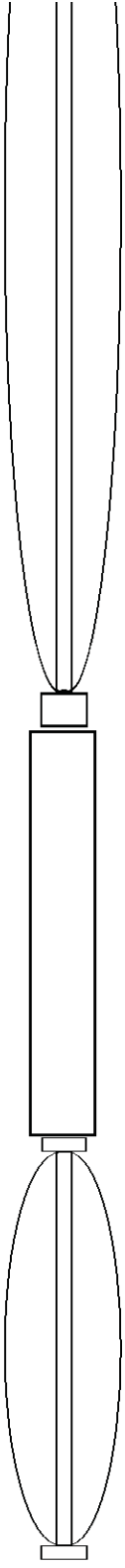

2950
3000
3050
3100
3150


3200
3250
3300
3350


3400
3450
3500
3550



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)



		8FTSB	8.00	1.69	70.00
		FLOW-LARGE (65)	3.13	3.75	20.00
FLOWP	3.75				
FLOWN	3.75				
		SHRT	3.25	2.00	30.00

Dataset:	labelleiw1.db: field/well/run10/pass17
Total Length:	14.38 ft
Total Weight:	120.00 lb
O.D.	3.75 in

FLUID RESISTIVITY TEMPERATURE LOG

Company CITY OF LaBELLE

Well IW-1

Field W.T.P No.2

County HENDRY State FLORIDA

Location: API # :

SEC TWP RGE

Other Services: SEE COMMENTS

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

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

Date	18-MAY-2013		
Run Number	TEN		
Depth Driller	3737'		
Depth Logger	3738'		
Bottom Logged Interval	3738'		
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	0800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MOREY	RIVES	
Witnessed By	DOYLE		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	64.5'	SURFACE	150'	FIVE	40.5"	CASING	1810'
TWO	14.75"	CASING	900'	SIX	12.25"	CASING	3737'
THREE	52.50"	CASING	765'				
FOUR	12.25"	CASING	2010'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	66"	.375" W.T	SURFACE	34'
Prot. String	54"	.375" W.T.	SURFACE	145'
Production String	42"	.375"W.T.	SURFACE	760'
Liner	34"	.375" W.T.	SURFACE	1800'

<< Fold Here >>>

Comments

XY- CALIPER/GAMMA-RAY
DUAL INDUCTION
BOREHOLE SONIC
FLOWMETER

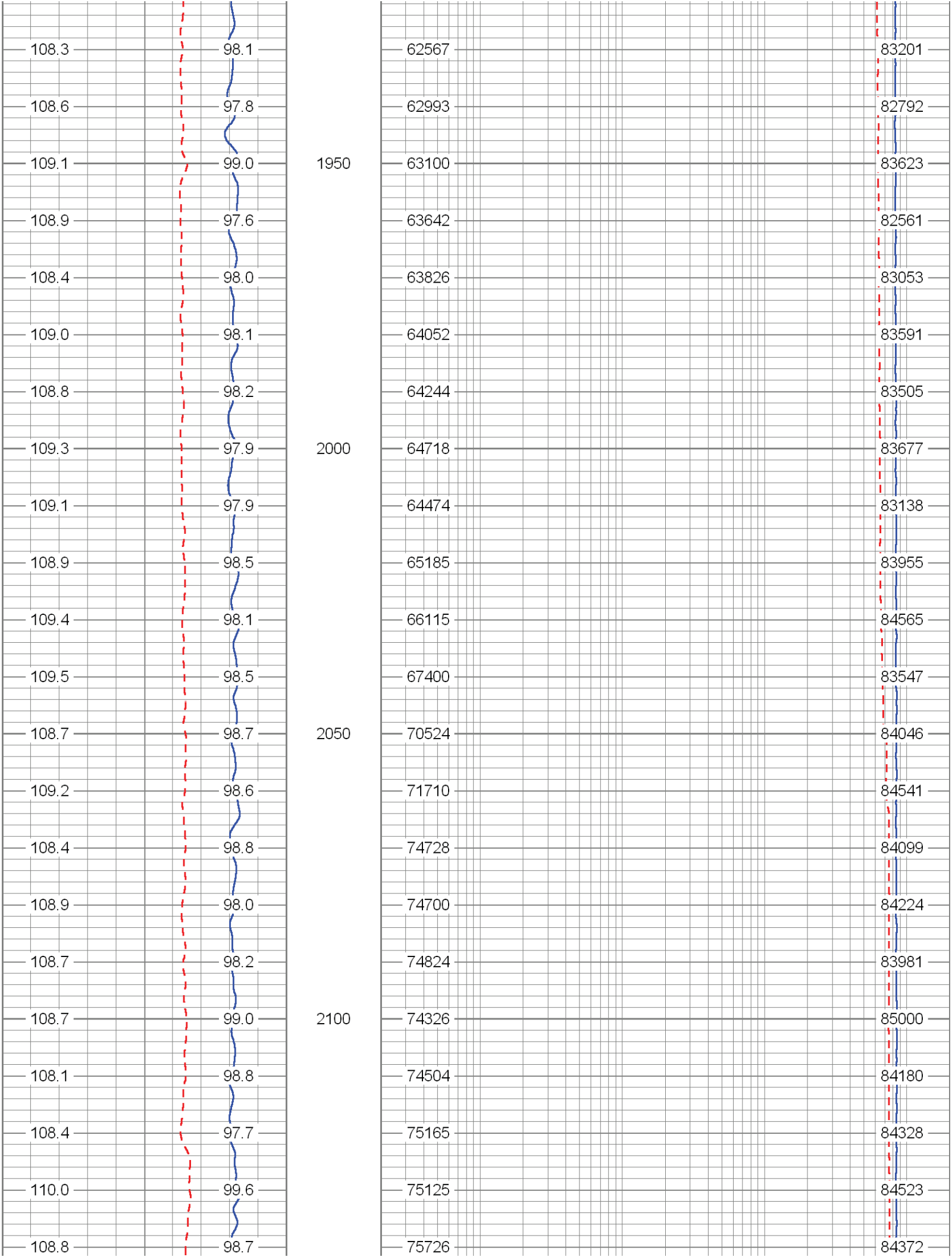
DYNAMIC FLOWRATE = 298 GPM

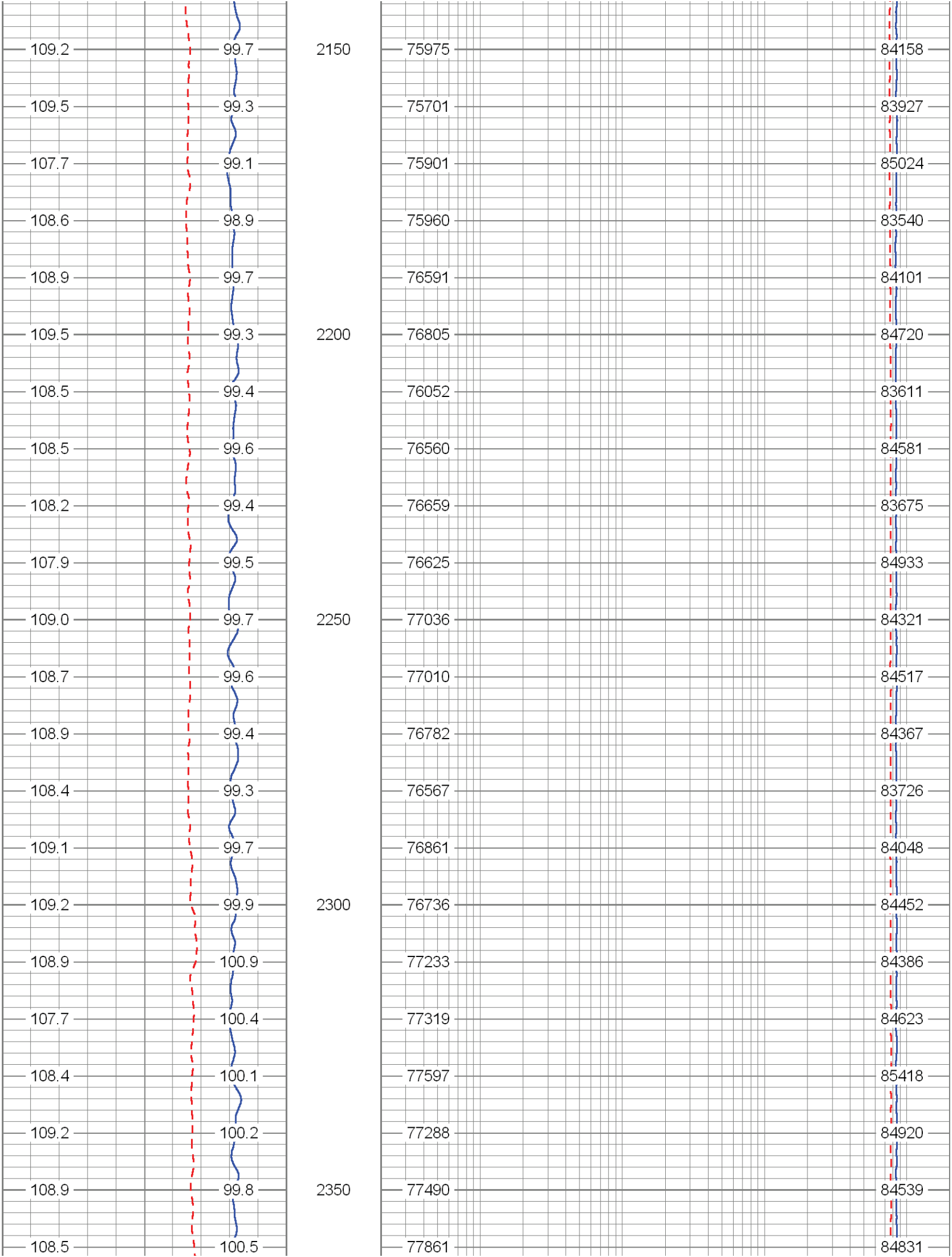
Database File: labelleiw1.db
Dataset Pathname: run10/pass19
Presentation Format: frt_mg
Dataset Creation: Sat May 18 21:39:43 2013 by Log SOC 110722

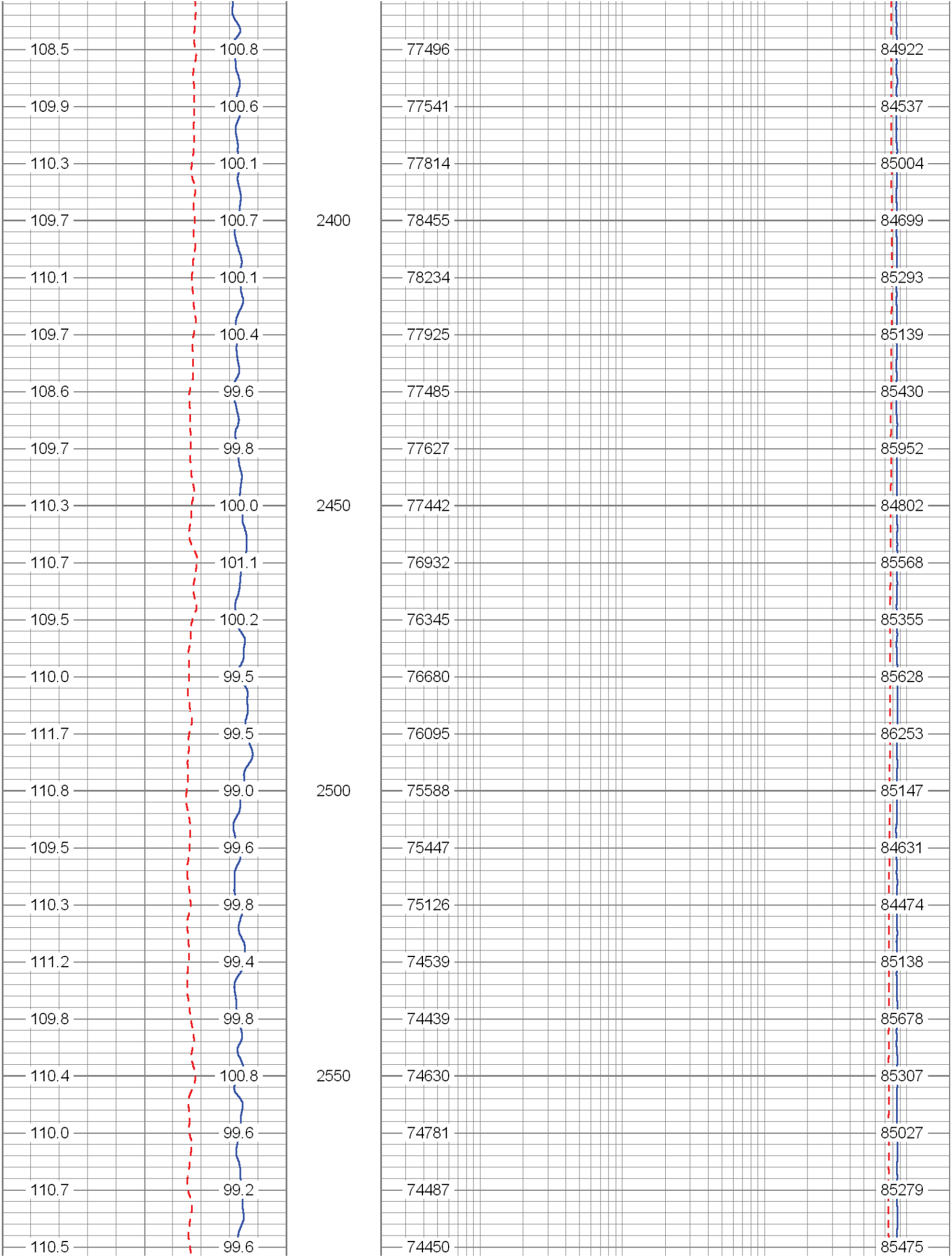
Charted by: Depth in Feet scaled 1:240

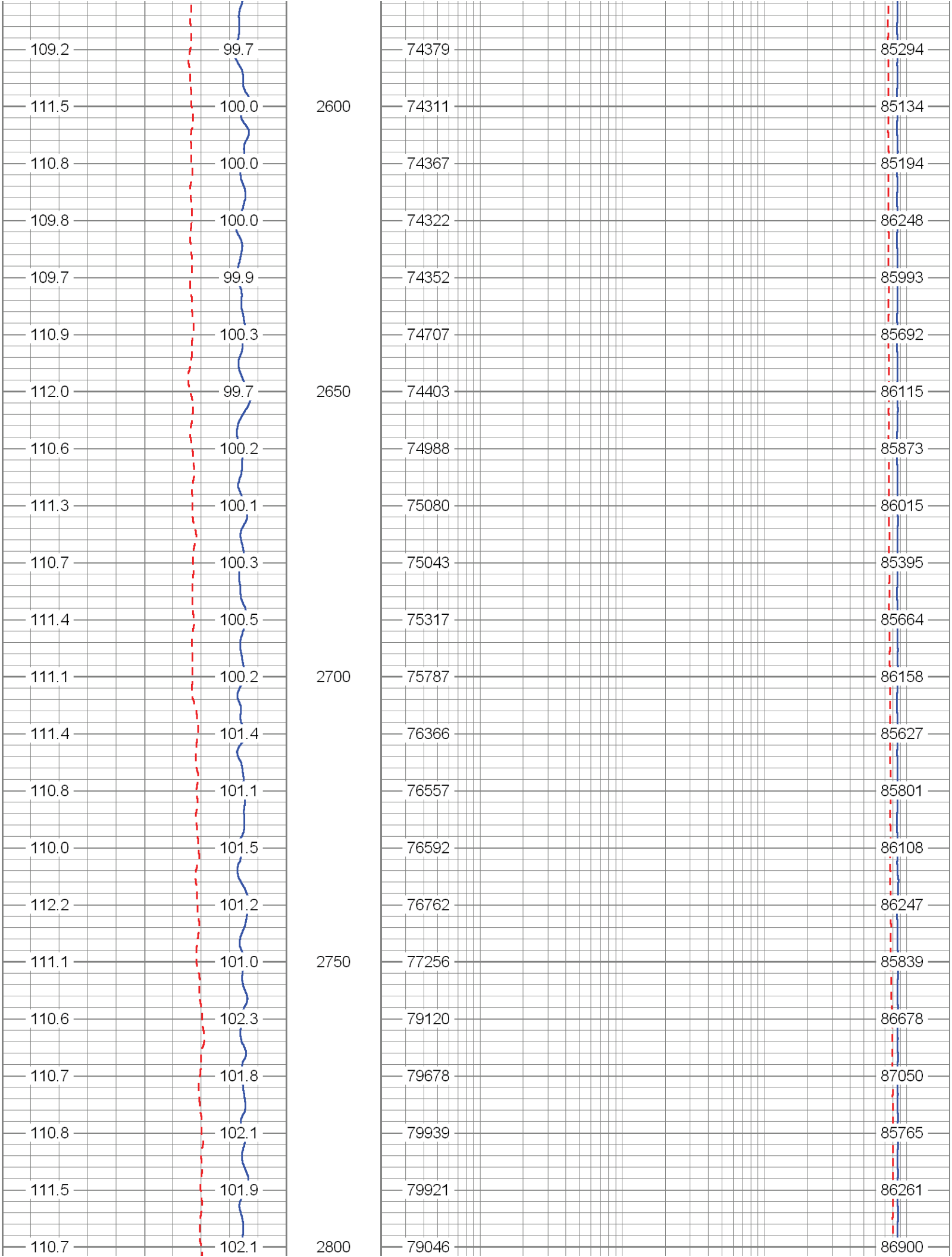
60 DYNAMIC TEMP (degF) 120	20 DYNAMIC FLUID CONDUCTIVITY (uS) (uS/cm) 200000
60 STATIC TEMP (degF) 120	20 STATIC FLUID CONDUCTIVITY (uS) (uS/cm) 200000

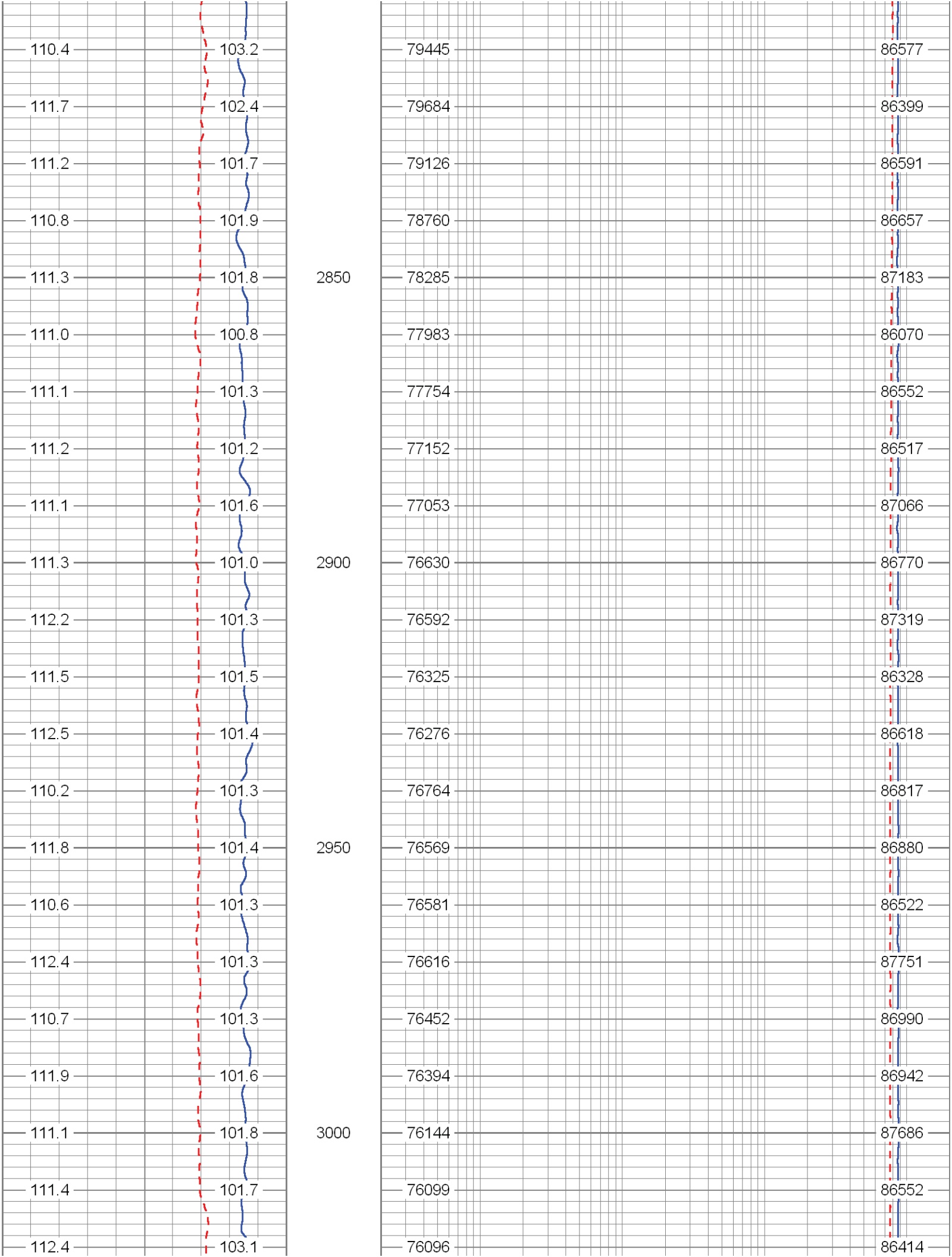
DYN TEMP (degF)	STATIC TEMP (degF)		STATIC FLUID COND (uS/cm)	DYN FLUID COND (uS/cm)
13.9	11.6			849
106.4	96.1	1750	71554	78961
106.5	96.1		71145	78532
106.1	96.4		71052	78792
106.6	96.2		70876	79050
106.7	96.3		68022	79078
106.7	96.1	1800	67987	79395
107.5	96.5		67650	79321
107.4	96.8		66666	79687
107.7	96.6		66022	79810
107.5	96.7		64906	79681
107.9	96.7	1850	63235	80888
109.3	97.3		60010	81668
107.8	97.2		59103	80957
107.4	97.6		58370	81285
107.9	98.0		59151	81608
107.6	97.7	1900	60197	81888
108.0	97.9		60318	81961
109.2	97.8		61161	82442


108.3 98.1 62567 83201
108.6 97.8 62993 82792
109.1 99.0 1950 63100 83623
108.9 97.6 63642 82561
108.4 98.0 63826 83053
109.0 98.1 64052 83591
108.8 98.2 64244 83505
109.3 97.9 2000 64718 83677
109.1 97.9 64474 83138
108.9 98.5 65185 83955
109.4 98.1 66115 84565
109.5 98.5 67400 83547
108.7 98.7 2050 70524 84046
109.2 98.6 71710 84541
108.4 98.8 74728 84099
108.9 98.0 74700 84224
108.7 98.2 74824 83981
108.7 99.0 2100 74326 85000
108.1 98.8 74504 84180
108.4 97.7 75165 84328
110.0 99.6 75125 84523
108.8 98.7 75726 84372


109.2 99.7 2150 75975 84158
109.5 99.3 75701 83927
107.7 99.1 75901 85024
108.6 98.9 75960 83540
108.9 99.7 76591 84101
109.5 99.3 2200 76805 84720
108.5 99.4 76052 83611
108.5 99.6 76560 84581
108.2 99.4 76659 83675
107.9 99.5 76625 84933
109.0 99.7 2250 77036 84321
108.7 99.6 77010 84517
108.9 99.4 76782 84367
108.4 99.3 76567 83726
109.1 99.7 76861 84048
109.2 99.9 2300 76736 84452
108.9 100.9 77233 84386
107.7 100.4 77319 84623
108.4 100.1 77597 85418
109.2 100.2 77288 84920
108.9 99.8 2350 77490 84539
108.5 100.5 77861 84831


108.5 100.8 77496 84922
109.9 100.6 77541 84537
110.3 100.1 77814 85004
109.7 100.7 2400 78455 84699
110.1 100.1 78234 85293
109.7 100.4 77925 85139
108.6 99.6 77485 85430
109.7 99.8 77627 85952
110.3 100.0 2450 77442 84802
110.7 101.1 76932 85568
109.5 100.2 76345 85355
110.0 99.5 76680 85628
111.7 99.5 76095 86253
110.8 99.0 2500 75588 85147
109.5 99.6 75447 84631
110.3 99.8 75126 84474
111.2 99.4 74539 85138
109.8 99.8 74439 85678
110.4 100.8 2550 74630 85307
110.0 99.6 74781 85027
110.7 99.2 74487 85279
110.5 99.6 74450 85475


109.2 99.7 74379 85294
111.5 100.0 2600 74311 85134
110.8 100.0 74367 85194
109.8 100.0 74322 86248
109.7 99.9 74352 85993
110.9 100.3 74707 85692
112.0 99.7 2650 74403 86115
110.6 100.2 74988 85873
111.3 100.1 75080 86015
110.7 100.3 75043 85395
111.4 100.5 75317 85664
111.1 100.2 2700 75787 86158
111.4 101.4 76366 85627
110.8 101.1 76557 85801
110.0 101.5 76592 86108
112.2 101.2 76762 86247
111.1 101.0 2750 77256 85839
110.6 102.3 79120 86678
110.7 101.8 79678 87050
110.8 102.1 79939 85765
111.5 101.9 79921 86261
110.7 102.1 2800 79046 86900


110.4 103.2 79445 86577
111.7 102.4 79684 86399
111.2 101.7 79126 86591
110.8 101.9 78760 86657
111.3 101.8 2850 78285 87183
111.0 100.8 77983 86070
111.1 101.3 77754 86552
111.2 101.2 77152 86517
111.1 101.6 77053 87066
111.3 101.0 2900 76630 86770
112.2 101.3 76592 87319
111.5 101.5 76325 86328
112.5 101.4 76276 86618
110.2 101.3 76764 86817
111.8 101.4 2950 76569 86880
110.6 101.3 76581 86522
112.4 101.3 76616 87751
110.7 101.3 76452 86990
111.9 101.6 76394 86942
111.1 101.8 3000 76144 87686
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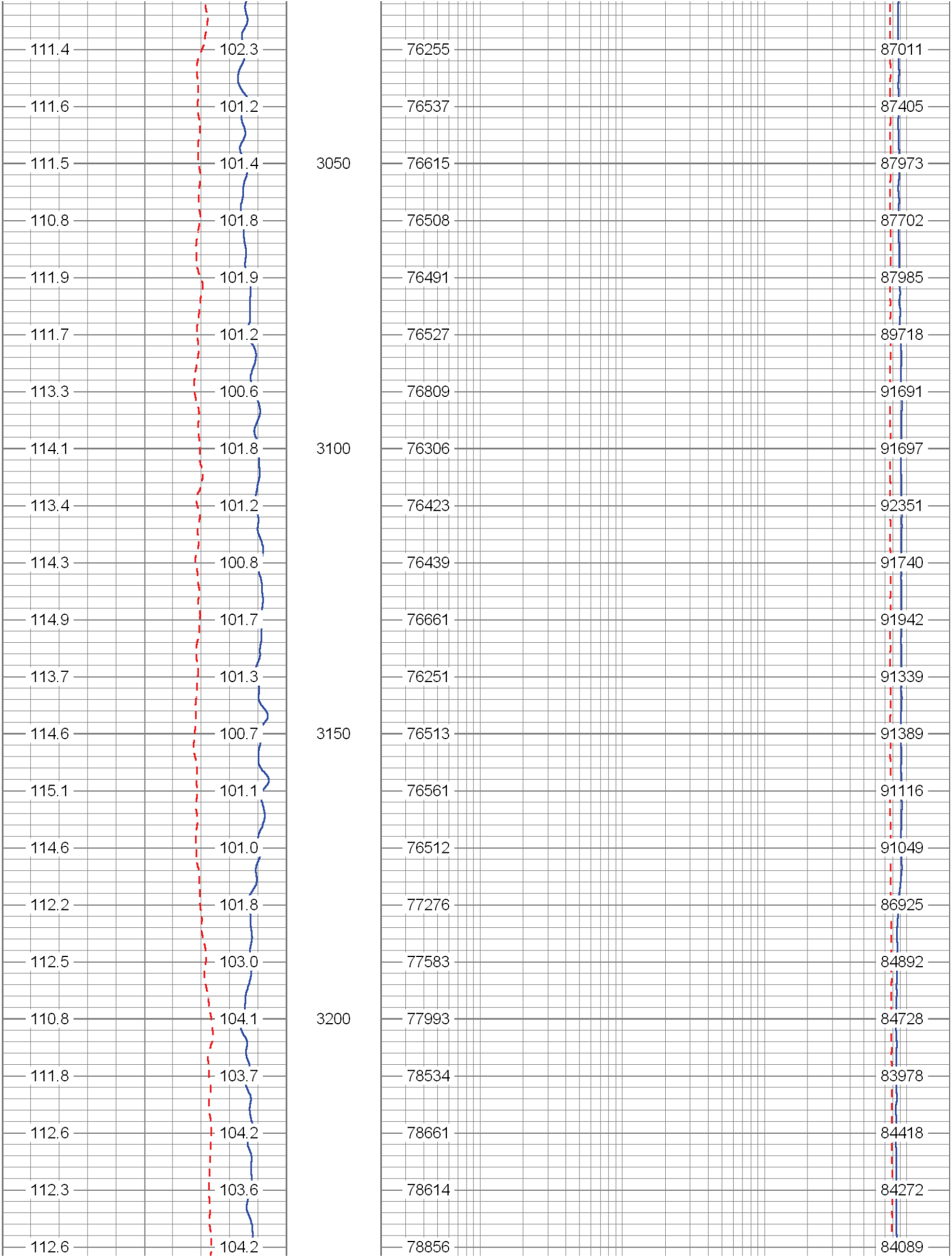
112.4 103.1 76096 86414


111.4 102.3 76255 87011
111.6 101.2 76537 87405
111.5 101.4 3050 76615 87973
110.8 101.8 76508 87702
111.9 101.9 76491 87985
111.7 101.2 76527 89718
113.3 100.6 76809 91691
114.1 101.8 3100 76306 91697
113.4 101.2 76423 92351
114.3 100.8 76439 91740
114.9 101.7 76661 91942
113.7 101.3 76251 91339
114.6 100.7 3150 76513 91389
115.1 101.1 76561 91116
114.6 101.0 76512 91049
112.2 101.8 77276 86925
112.5 103.0 77583 84892
110.8 104.1 3200 77993 84728
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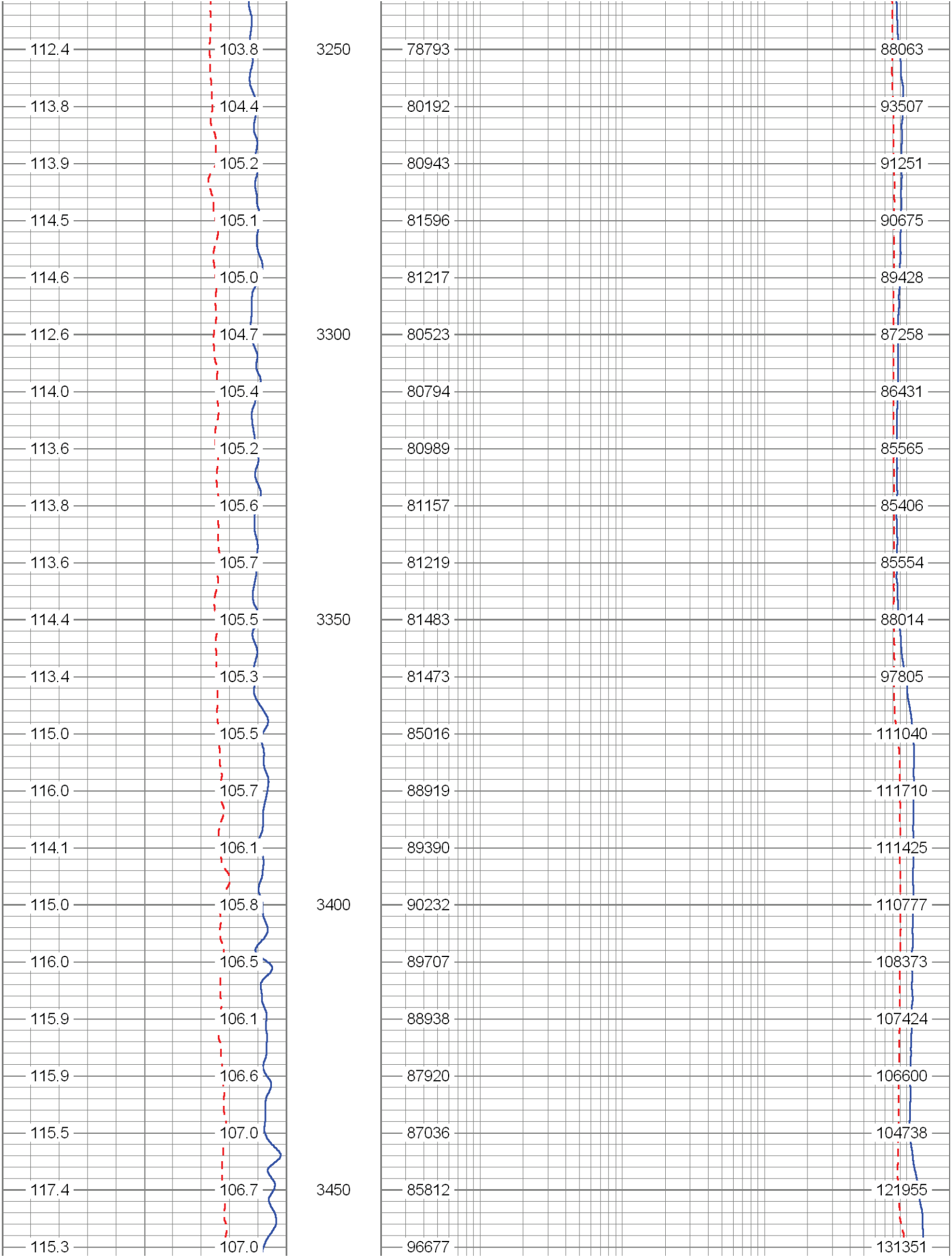
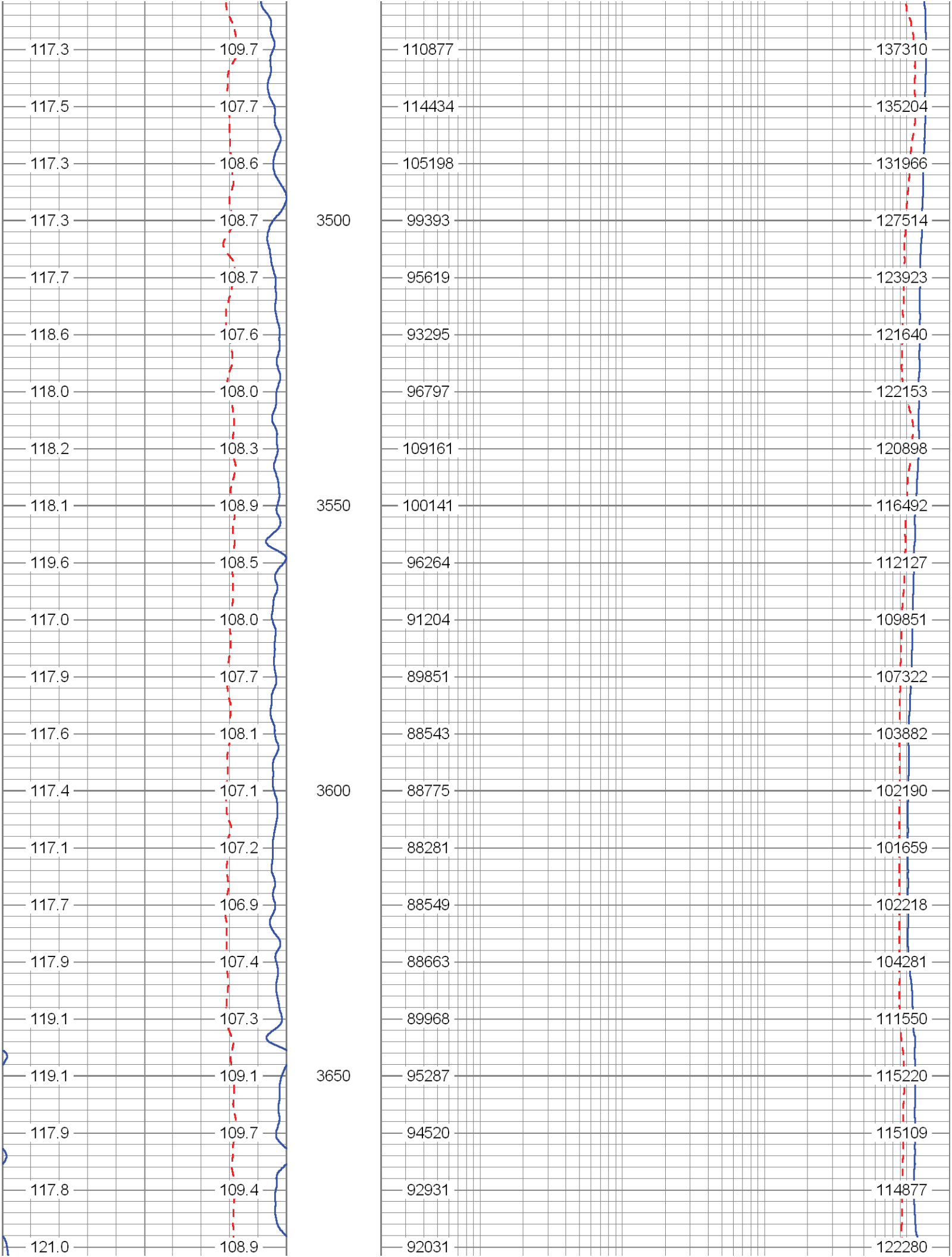
112.6 104.2 78661 84418
112.3 103.6 78614 84272
112.6 104.2 78856 84089


112.4 103.8 3250 78793 88063
113.8 104.4 80192 93507
113.9 105.2 80943 91251
114.5 105.1 81596 90675
114.6 105.0 81217 89428
112.6 104.7 3300 80523 87258
114.0 105.4 80794 86431
113.6 105.2 80989 85565
113.8 105.6 81157 85406
113.6 105.7 81219 85554
114.4 105.5 3350 81483 88014
113.4 105.3 81473 97805
115.0 105.5 85016 111040
116.0 105.7 88919 111710
114.1 106.1 89390 111425
115.0 105.8 3400 90232 110777
116.0 106.5 89707 108373
115.9 106.1 88938 107424
115.9 106.6 87920 106600
115.5 107.0 87036 104738
117.4 106.7 3450 85812 121955
115.3 107.0 96677 131351


117.3 109.7 110877 137310
117.5 107.7 114434 135204
117.3 108.6 105198 131966
117.3 108.7 3500 99393 127514
117.7 108.7 95619 123923
118.6 107.6 93295 121640
118.0 108.0 96797 122153
118.2 108.3 109161 120898
118.1 108.9 3550 100141 116492
119.6 108.5 96264 112127
117.0 108.0 91204 109851
117.9 107.7 89851 107322
117.6 108.1 88543 103882
117.4 107.1 3600 88775 102190
117.1 107.2 88281 101659
117.7 106.9 88549 102218
117.9 107.4 88663 104281
119.1 107.3 89968 111550
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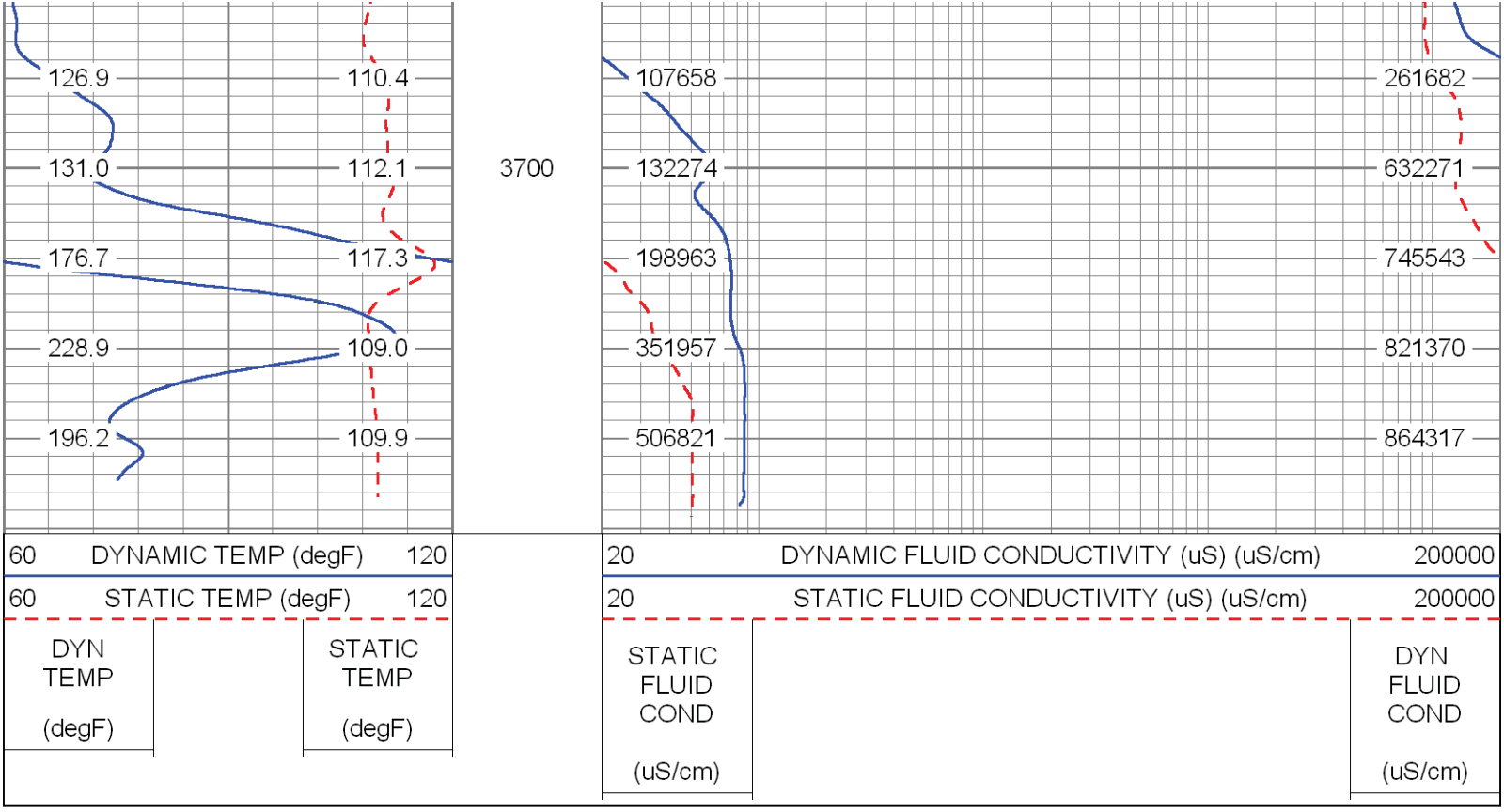
117.9 109.7 94520 115109
117.8 109.4 92931 114877
121.0 108.9 92031 122280



Calibration Report

Database File: labelleiw1.db
Dataset Pathname: run10/pass19
Dataset Creation: Sat May 18 21:39:43 2013 by Log SOC 110722

FRT Calibration Report

Serial Number: 30
Tool Model: SONDEX
Performed: Fri Jan 13 08:50:00 2012

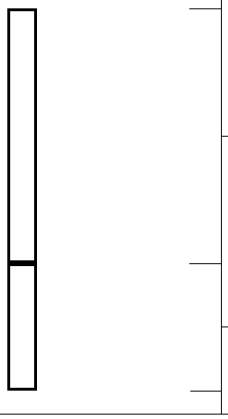
Point #	Reading		Reference	
1	12.111	cps	1460.000	uS/cm
2	203.143	cps	11100.000	uS/cm
3	447.575	cps	24500.000	uS/cm
4	854.726	cps	49000.000	uS/cm
5		cps		uS/cm
6		cps		uS/cm
7		cps		uS/cm
8		cps		uS/cm
9		cps		uS/cm
10		cps		uS/cm

Temperature Calibration Report

Serial Number: 30
Tool Model: SONDEX
Performed: Tue Jun 05 14:43:36 2012

Point #	Reading		Reference	
1	106.12	cps	33.20	degF
2	356.90	cps	85.50	degF
3	676.33	cps	152.00	degF
4		cps		degF
5		cps		degF
6		cps		degF

7	cps	degF
8	cps	degF
9	cps	degF
10	cps	degF

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			TEMP-SONDEX (30)	1.20	1.63	10.00
TEMP	0.70					
FRES	0.50		FRT-SONDEX (30)	0.60	1.69	10.00

Dataset:	labelleiw1.db: field/well/run10/pass19
Total Length:	1.80 ft
Total Weight:	20.00 lb
O.D.	1.69 in