



**YOUNGQUIST
BROTHERS, Inc**
GEOPHYSICAL LOGGING DIVISION

**X-Y CALIPER
GAMMA RAY
LOG**

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE State FL

Location: API # :
SEC TWP RGE
Permanent Datum Elevation
Log Measured From
Drilling Measured From
Other Services
SEE
COMMENTS
Elevation
K.B.
D.F.
G.L.

Date	11-APRIL-2010		
Run Number	FIVE		
Depth Driller	1940'		
Depth Logger	1940'		
Bottom Logged Interval	1940'		
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	1730		
Time Logger on Bottom	1800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	CATHEY		
Witnessed By	M. OSBORN		
Borehole Record		Borehole Record	
Run Number	Bit	From	To
ONE	40.5"	SURFACE	157'
TWO	28.5"	CASING	1076'
THREE	12.25"	CASING	1940'
Casing Record	Size	Wgt/Ft	Bottom
Surface String	30"	.375" W.T.	156'
Prot. String	20"	.375 W.T.	1076'
Production String			
Liner			

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

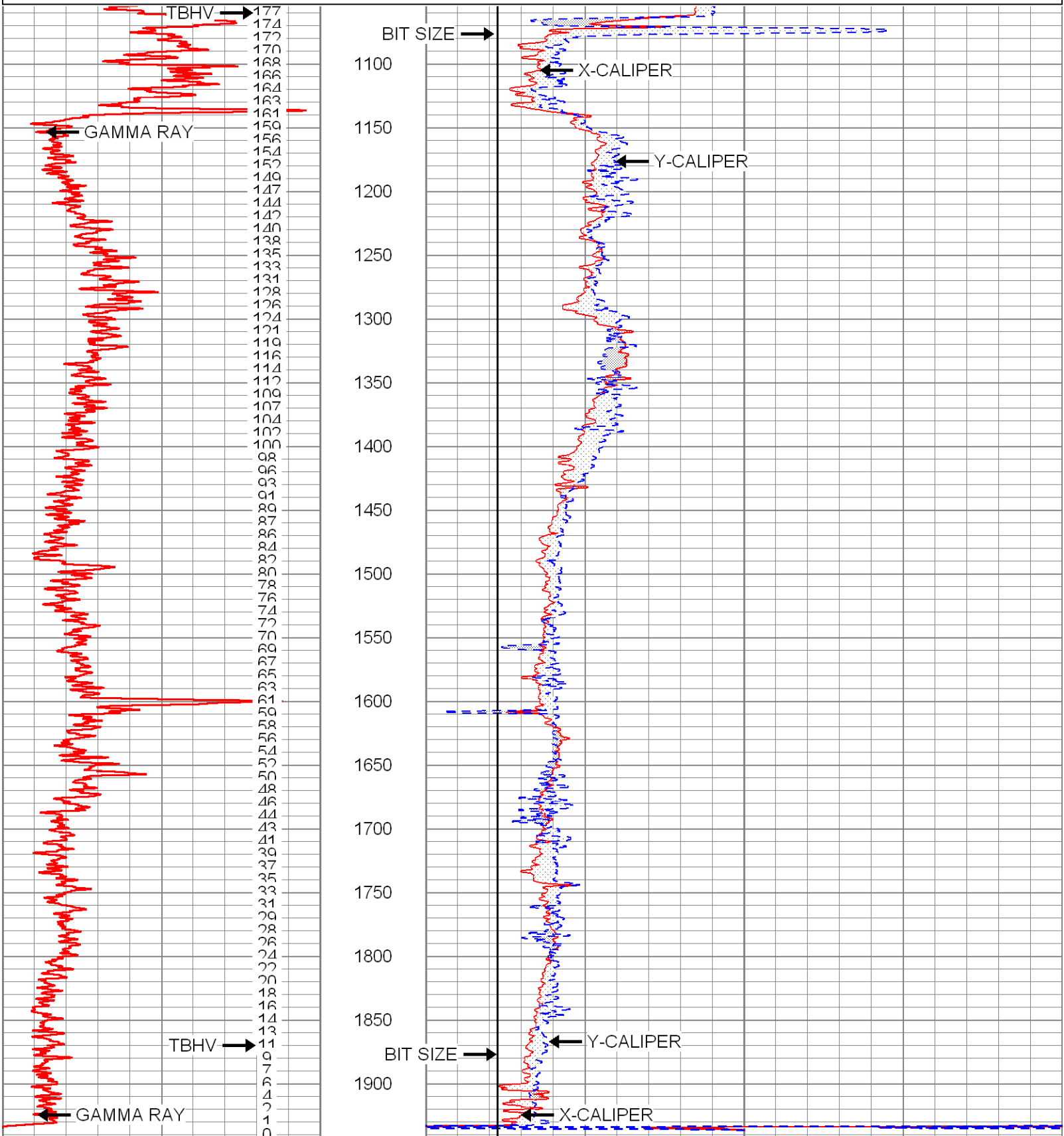
OTHER SERVICES:

DUAL INDUCTION
SONIC
BOREHOLE TELEVIEWER
FLUID CONDUCTIVITY / TEMP
FLOWMETER

BOREHOLE VOLUME IN BARRELS

Database File: hiamw1.db
 Dataset Pathname: run5/pass3
 Presentation Format: grxyc
 Dataset Creation: Sun Apr 11 18:01:57 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:1200

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



0	GAMMA RAY (GAPI)	100
	TBHV (bbl)	

10	X-CALIPER (in)	30
10	Y-CALIPER (in)	30
10	BIT SIZE (in)	30

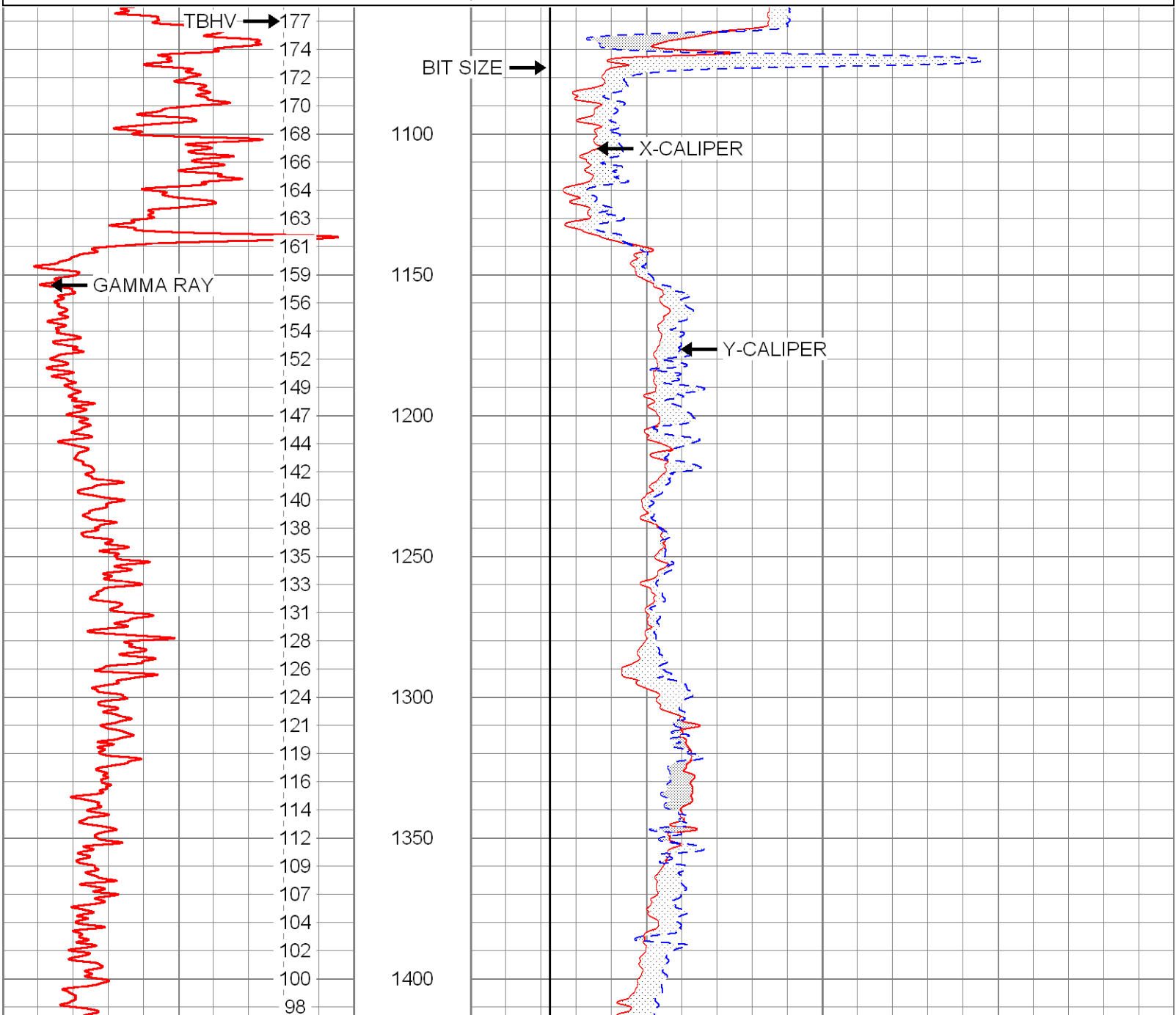


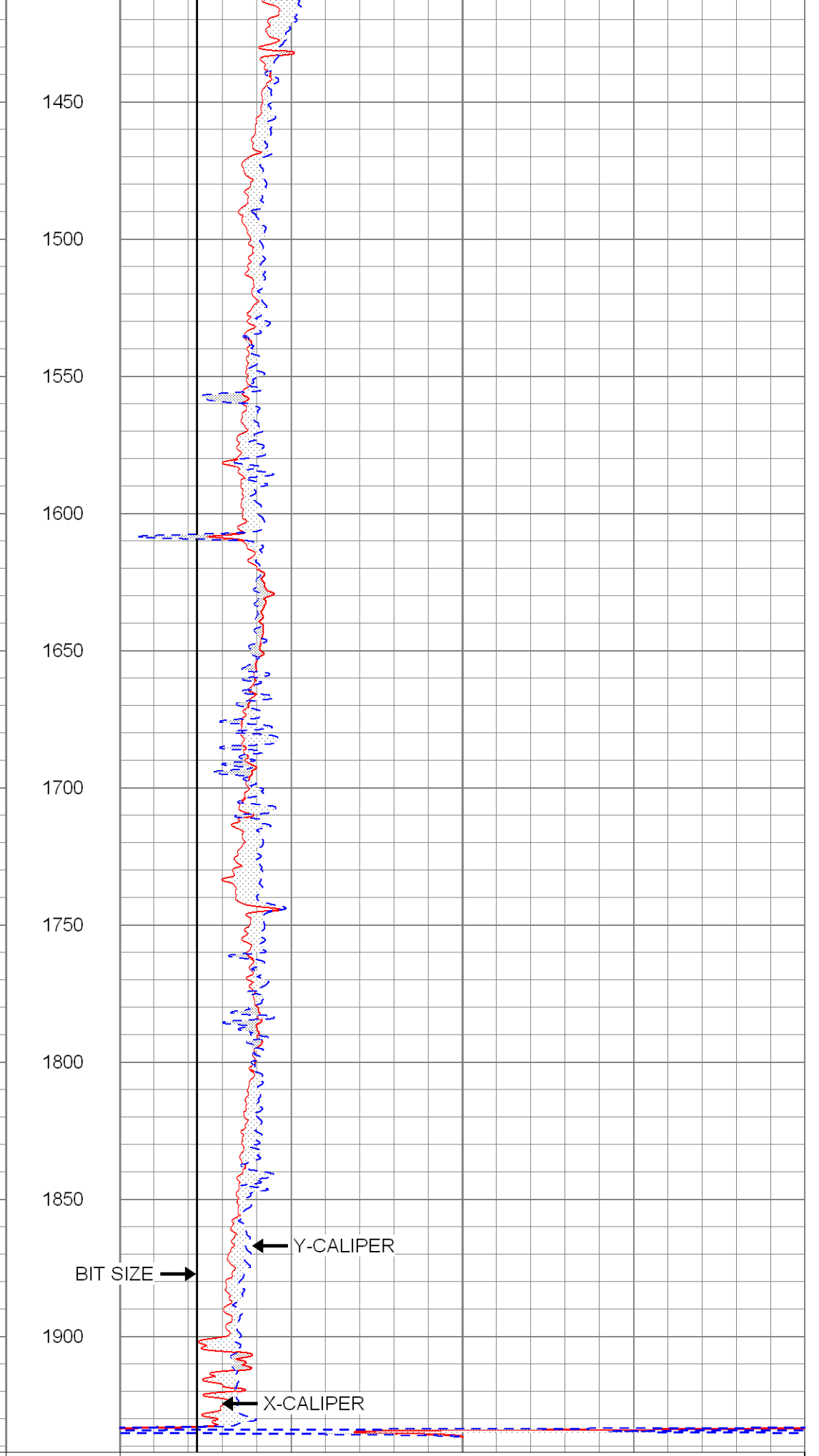
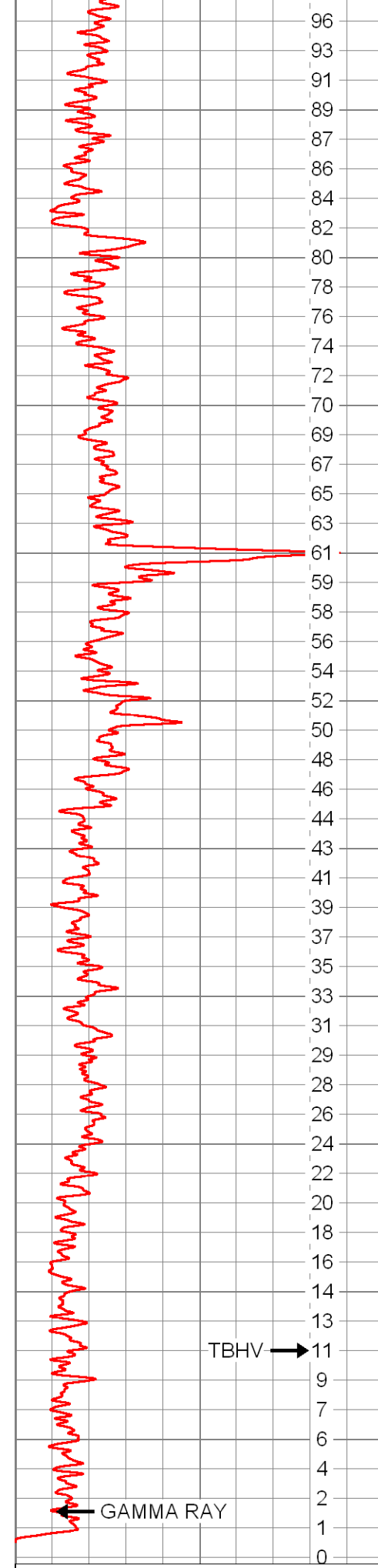
MAIN PASS

Database File: hiamw1.db
 Dataset Pathname: run5/pass3
 Presentation Format: grxyc
 Dataset Creation: Sun Apr 11 18:01:57 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:600

0	GAMMA RAY (GAPI)	100
	TBHV (bbl)	

10	X-CALIPER (in)	30
10	Y-CALIPER (in)	30
10	BIT SIZE (in)	30





0	GAMMA RAY (GAPI)	100
	TBHV (bbl)	

10	X-CALIPER (in)	30
10	Y-CALIPER (in)	30



YOUNGQUIST BROTHERS, Inc

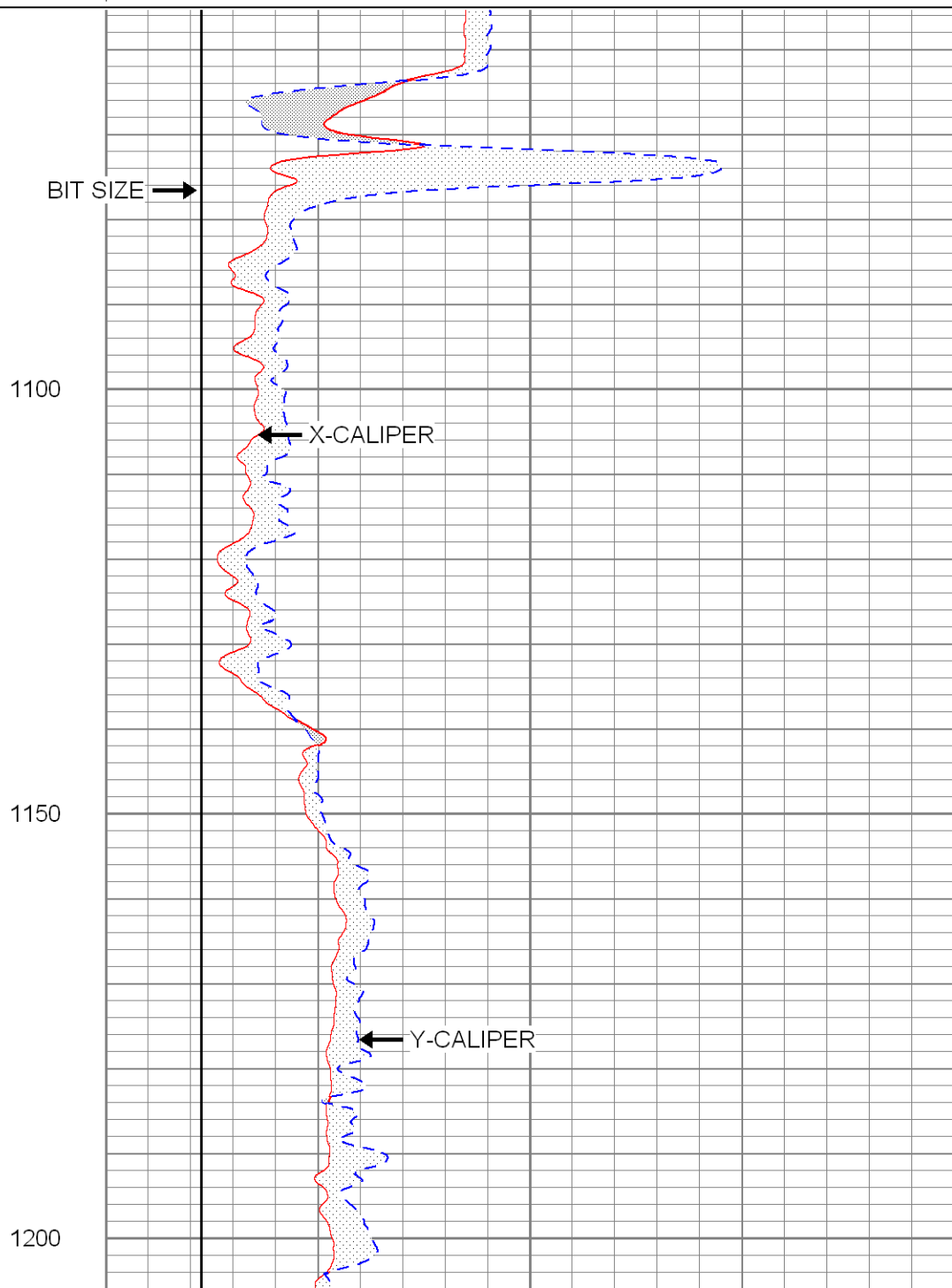
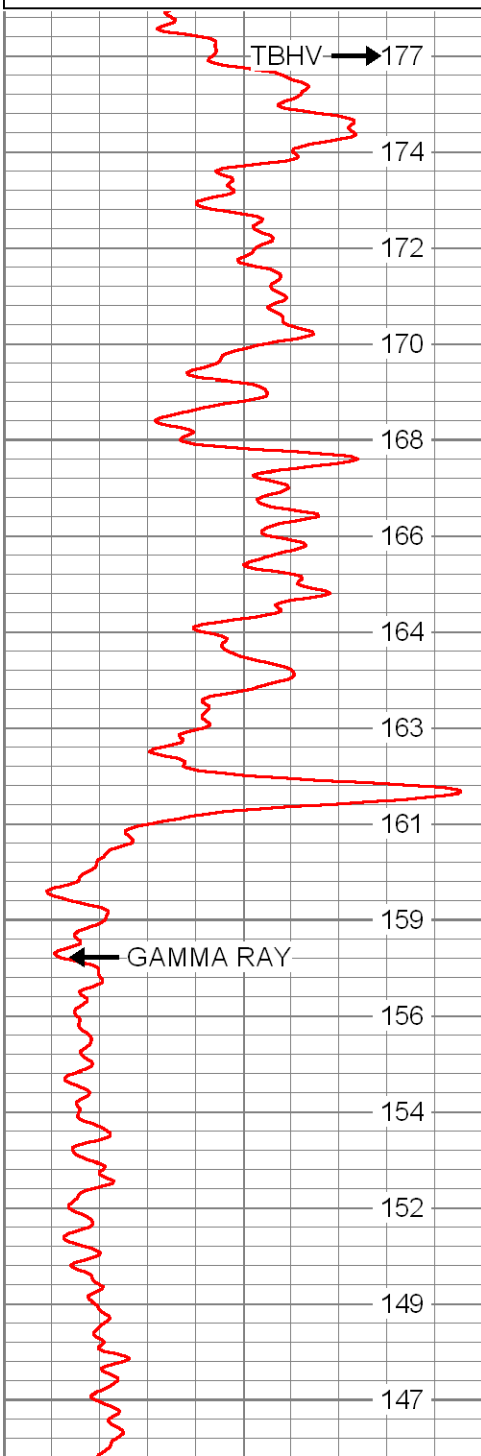
GEOPHYSICAL LOGGING DIVISION

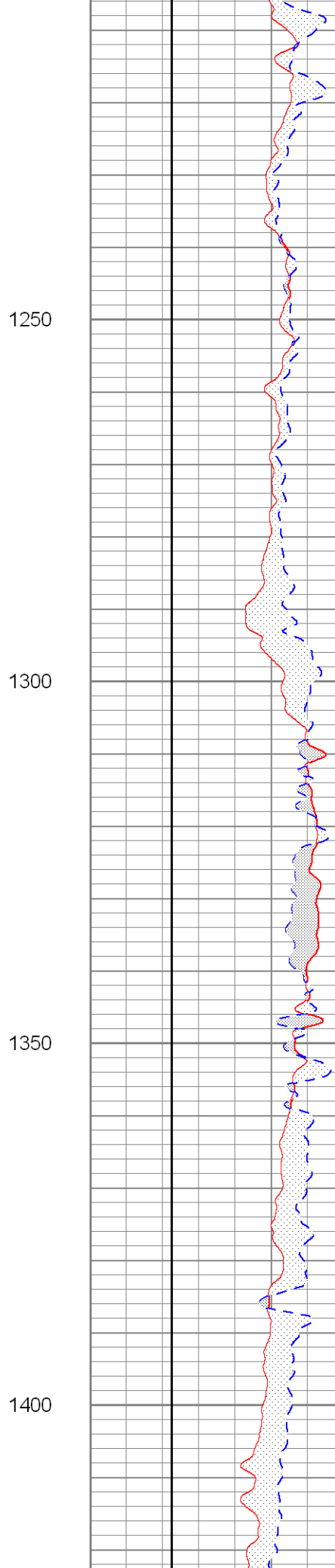
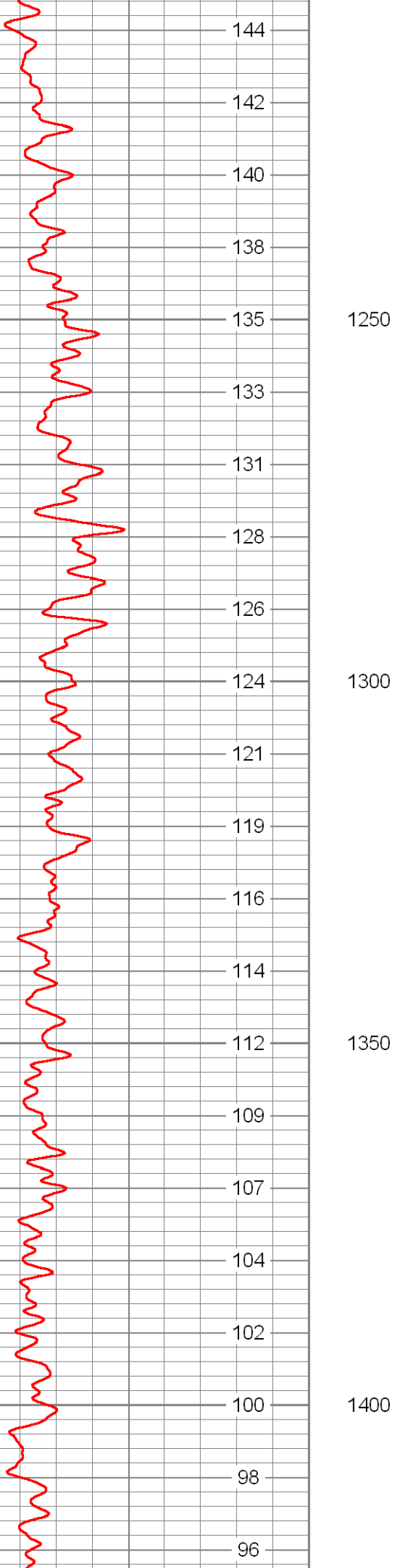
MAIN PASS

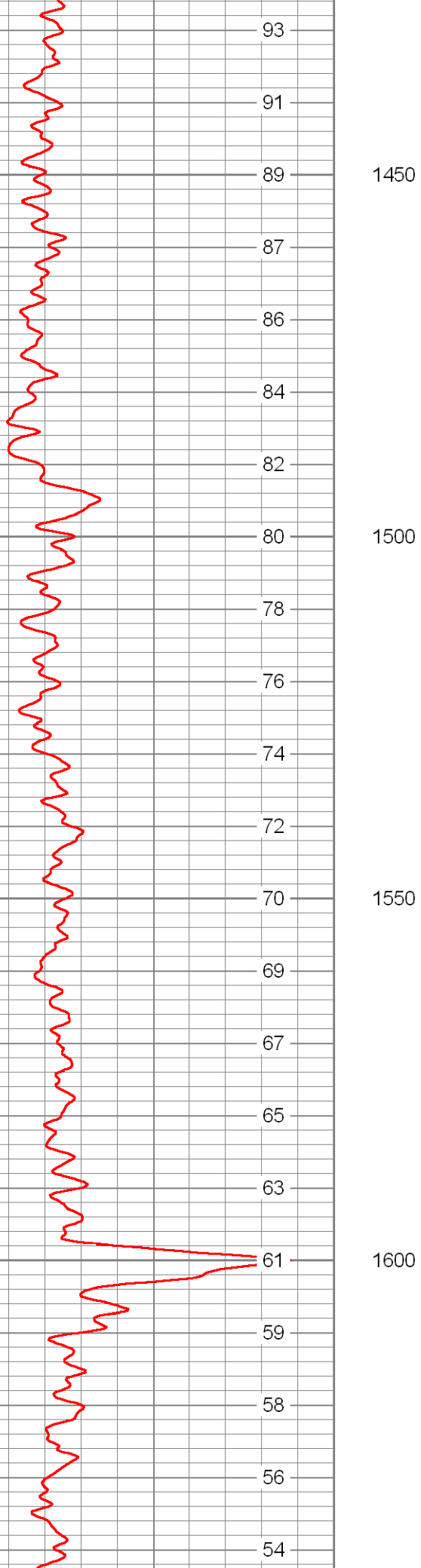
Database File: hiamw1.db
 Dataset Pathname: run5/pass3
 Presentation Format: grxyc
 Dataset Creation: Sun Apr 11 18:01:57 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	100
	TBHV (bbl)	

10	X-CALIPER (in)	30
10	Y-CALIPER (in)	30
10	BIT SIZE (in)	30





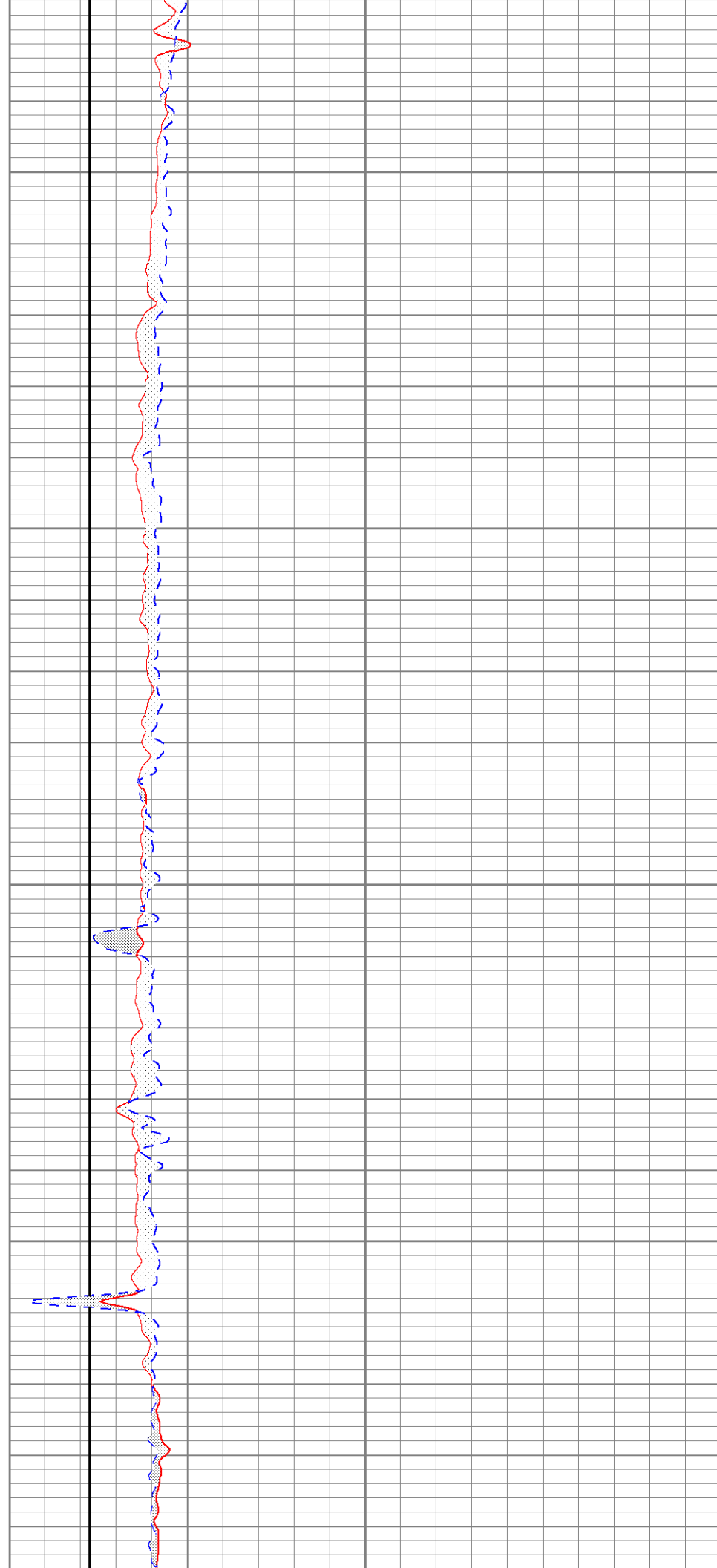


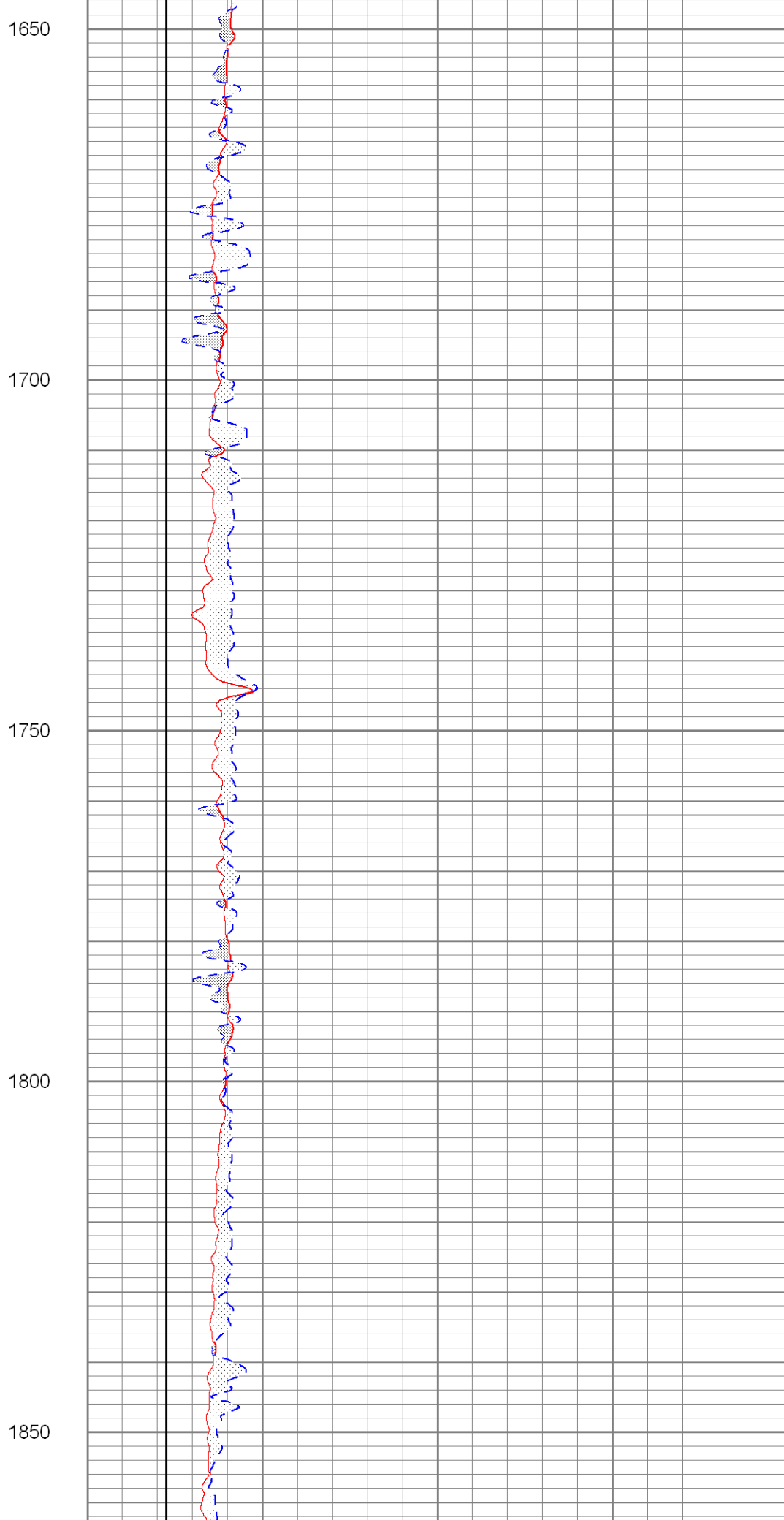
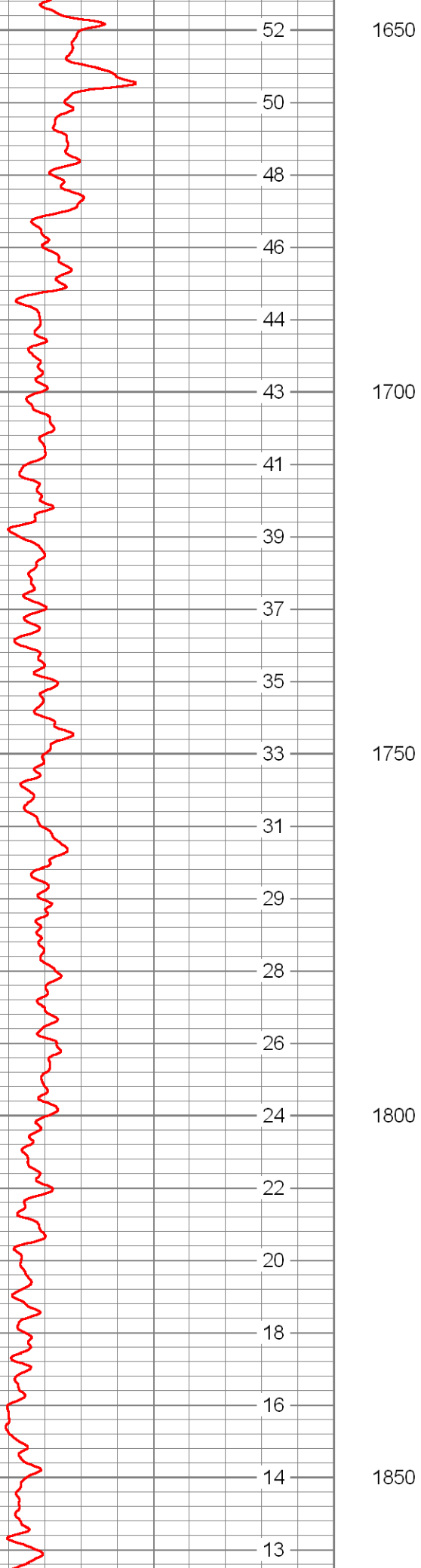
1450

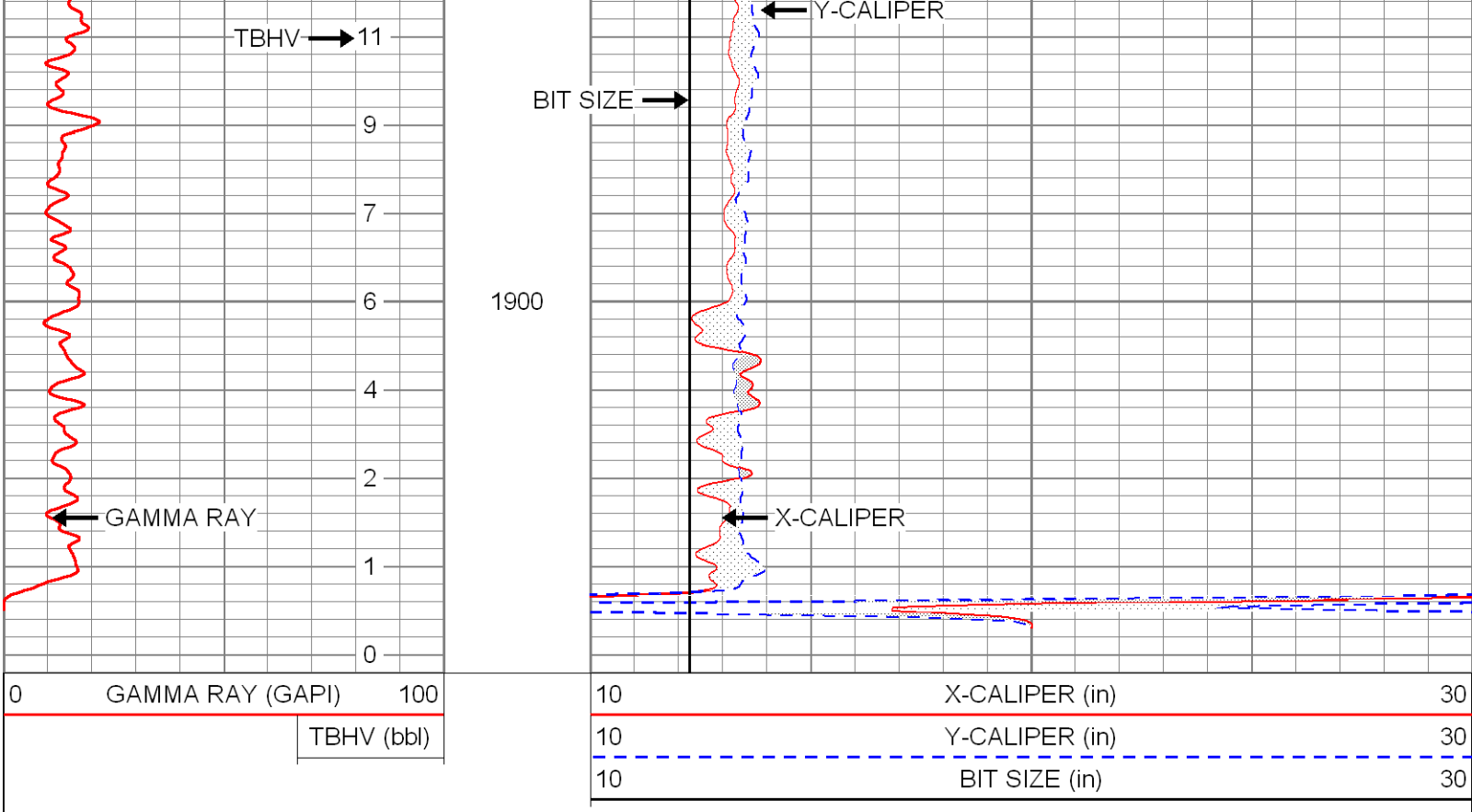
1500

1550

1600



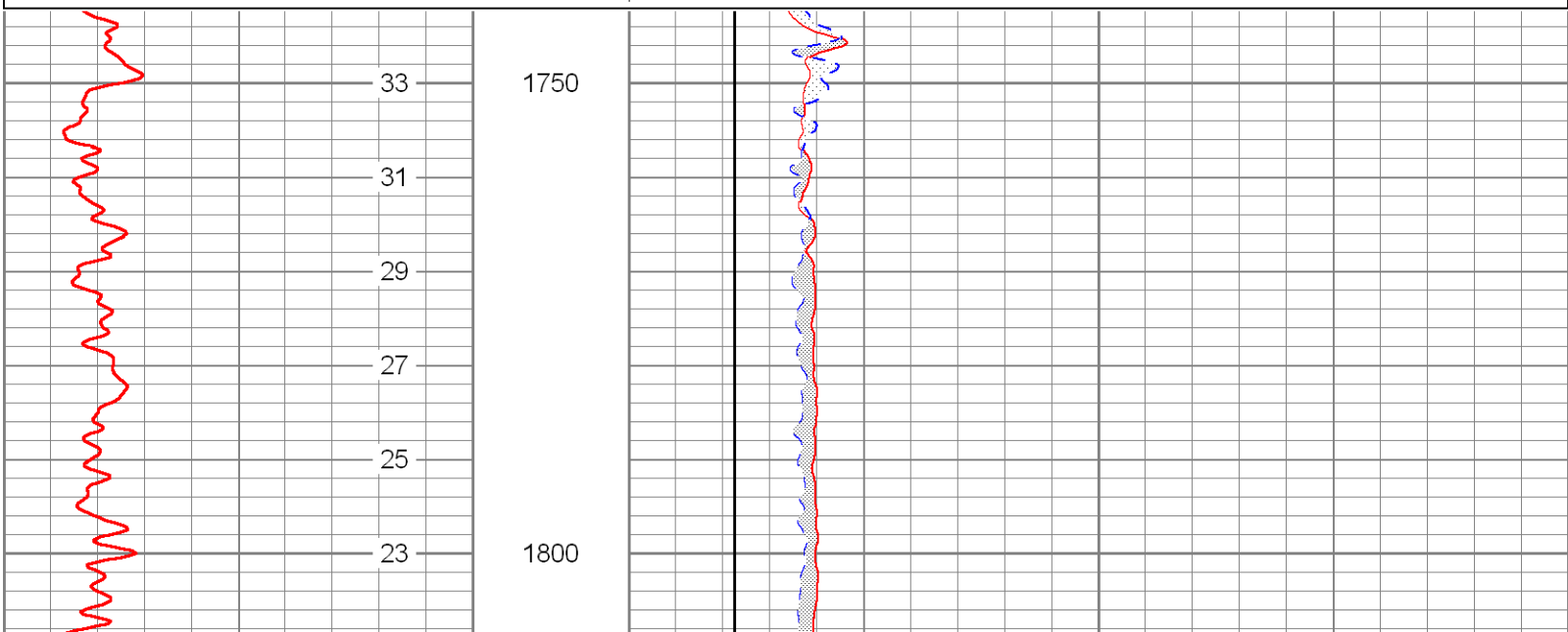
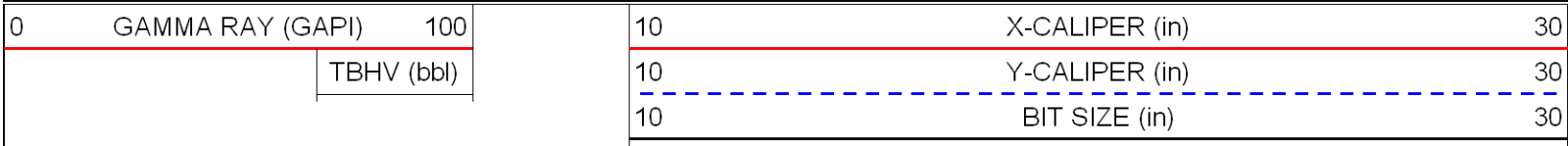


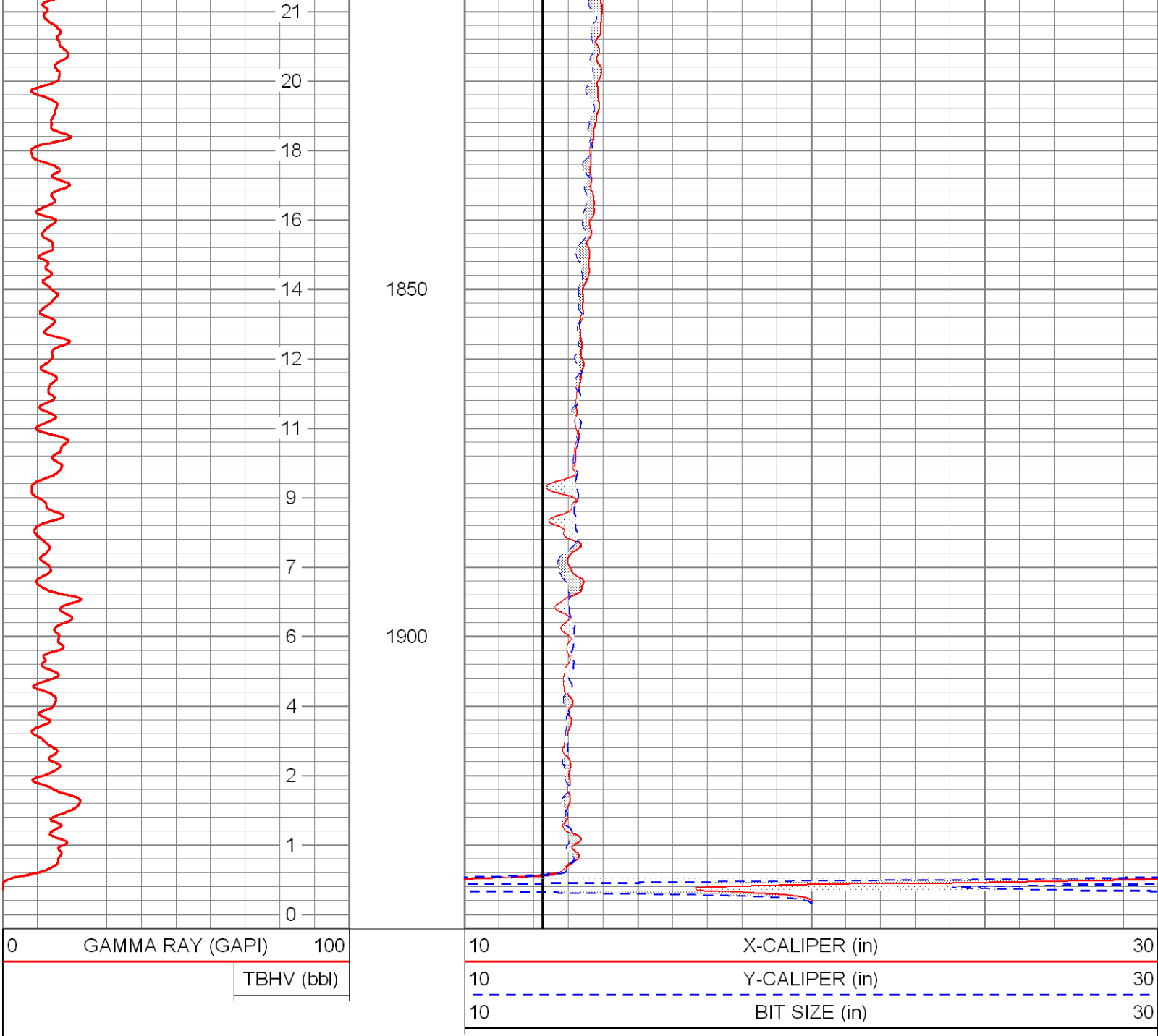


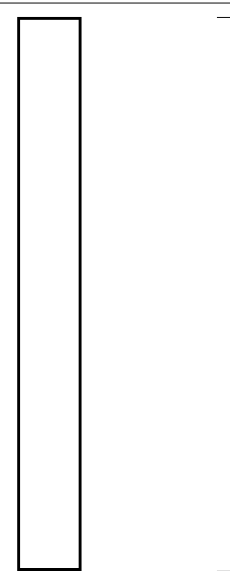
YOUNGQUIST BROTHERS, Inc
 GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: hiamw1.db
 Dataset Pathname: run5/pass2
 Presentation Format: grxyc
 Dataset Creation: Sun Apr 11 17:52:51 2010 by Log Open-Cased 090629
 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
YCAL

5.00
5.00



XYC-XYCSM (01BSM)

6.60

3.50

87.00

Dataset: hiamw1.db: field/well/run5/pass3
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D. 3.50 in

Calibration Report

Database File: hiamw1.db
Dataset Pathname: run5/pass2
Dataset Creation: Sun Apr 11 17:52:51 2010 by Log Open-Cased 090629

XY Caliper Calibration Report

Serial Number/Model: 01BSM-XYCSM
Performed: Sun Apr 11 17:23:01 2010

	Ring		X Caliper		Y Caliper	
1:	5.81	in	512.065	cps	955	cps
2:	13.4	in	592.065	cps	1008.04	cps
3:	47.5	in	1078.27	cps	1339.14	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



**YOUNGQUIST
BROTHERS, Inc**
GEOPHYSICAL LOGGING DIVISION

**BOREHOLE COMPENSATED
SONIC with VDL
& LOG DERIVED TDS**

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE
State FL

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE State FL

Location: API # :
Permanent Datum SEC TWP RGE Elevation
Log Measured From
Drilling Measured From
Other Services
SEE
COMMENTS
Elevation
K.B.
D.F.
G.L.

Date	11-APRIL-2010		
Run Number	FIVE		
Depth Driller	1940'		
Depth Logger	1940'		
Bottom Logged Interval	1940'		
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	1730		
Time Logger on Bottom	1800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	CATHEY		
Witnessed By	D. LEGGETT		
Borehole Record		Borehole Record	
Run Number	Bit	From	To
ONE	40.5"	SURFACE	157'
TWO	28.5"	CASING	1076'
THREE	12.25"	CASING	1940'
Casing Record	Size	Wgt/Ft	Bottom
Surface String	30"	.375" W.T.	156'
Prot. String	20"	.375 W.T.	1076'
Production String			
Liner			

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

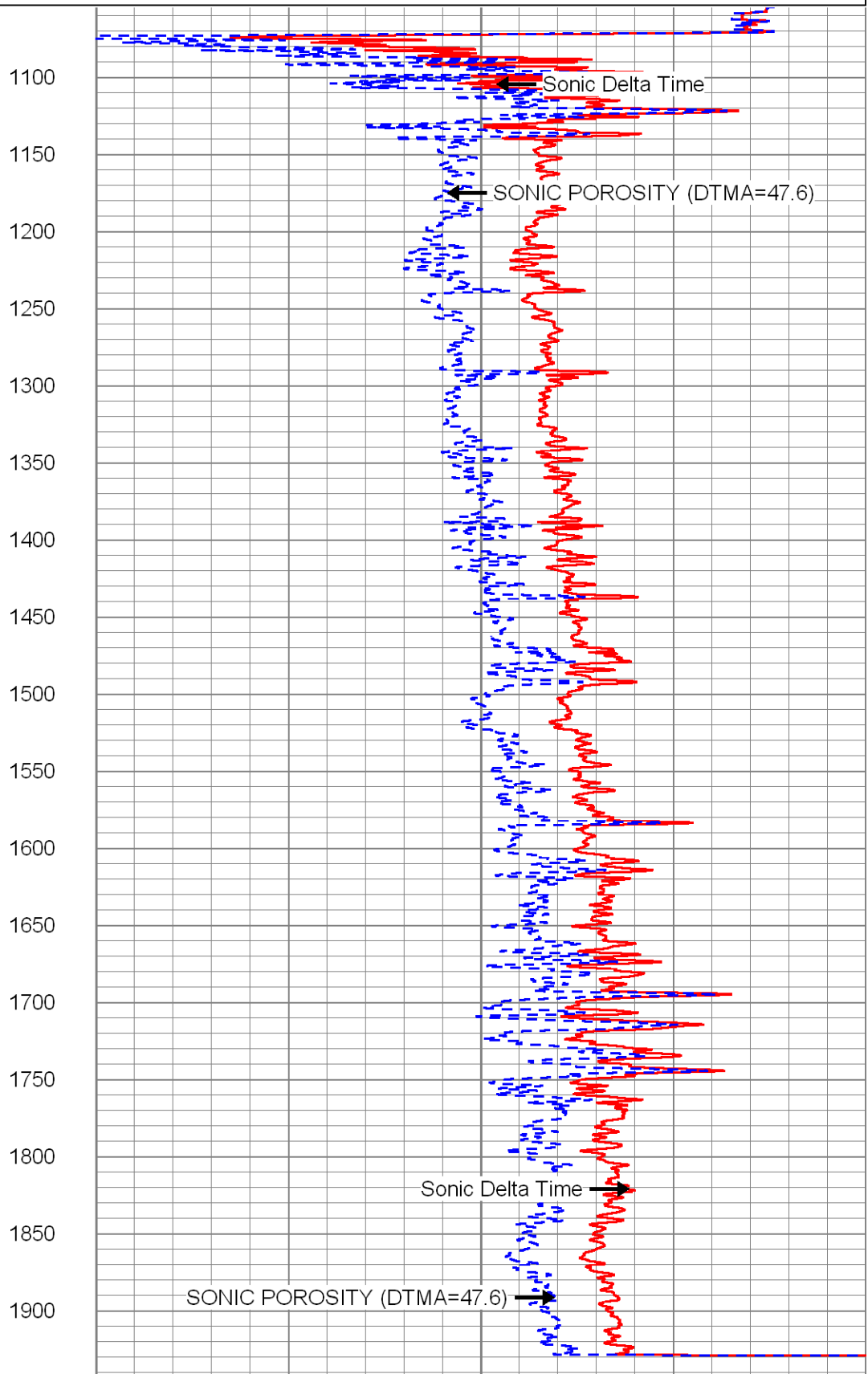
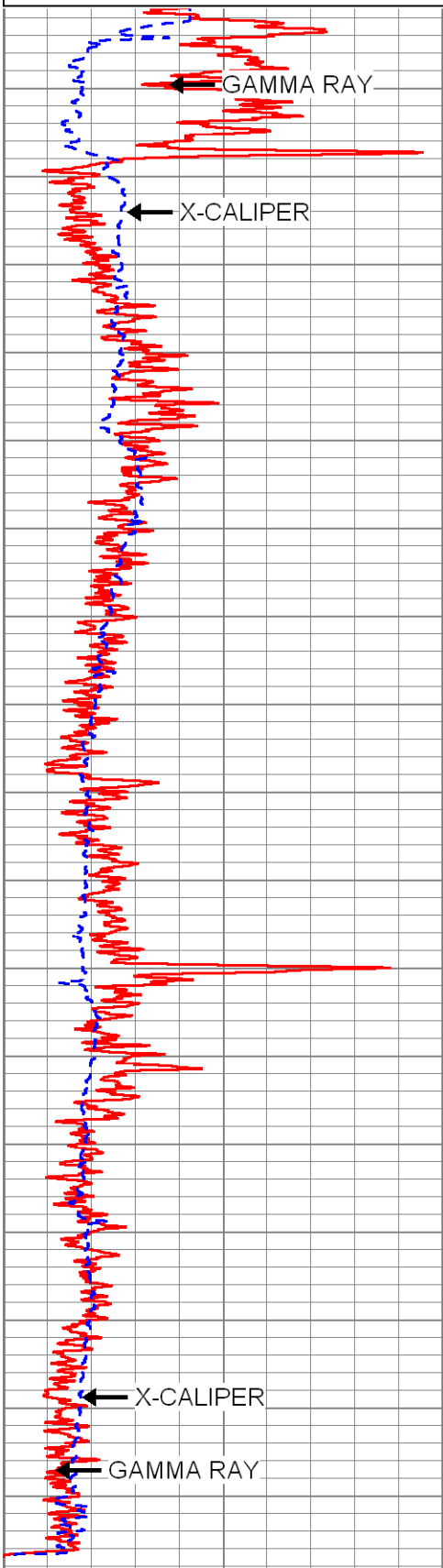
OTHER SERVICES:

X-Y CALIPER / GAMMA RAY
DUAL INDUCTION
BOREHOLE TELEVIEWER
FLUID CONDUCTIVITY / TEMP
FLOWMETER

Database File: hiamw1.db
 Dataset Pathname: run5/pass7
 Presentation Format: son_por
 Dataset Creation: Sun Apr 11 20:28:15 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:1200

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

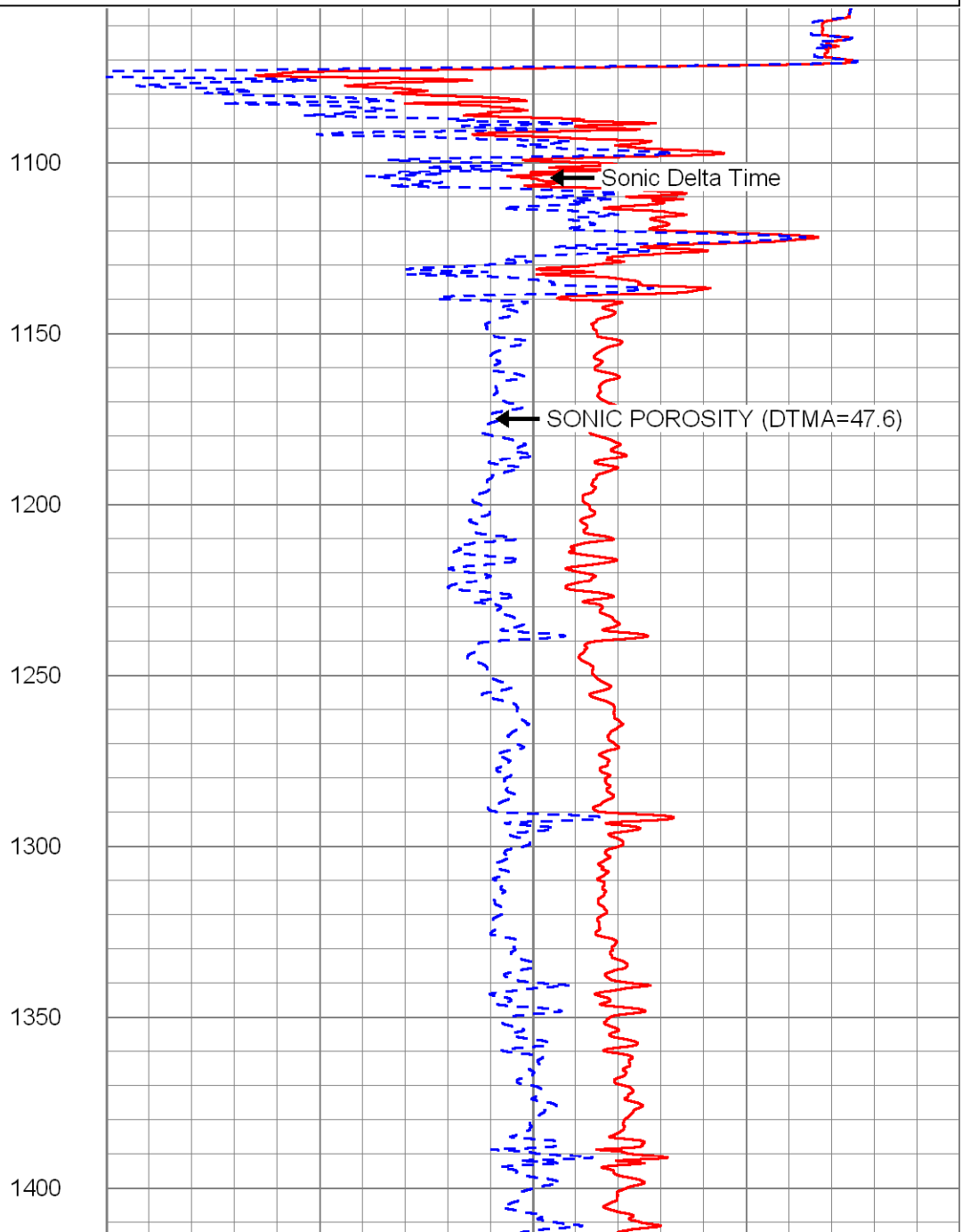
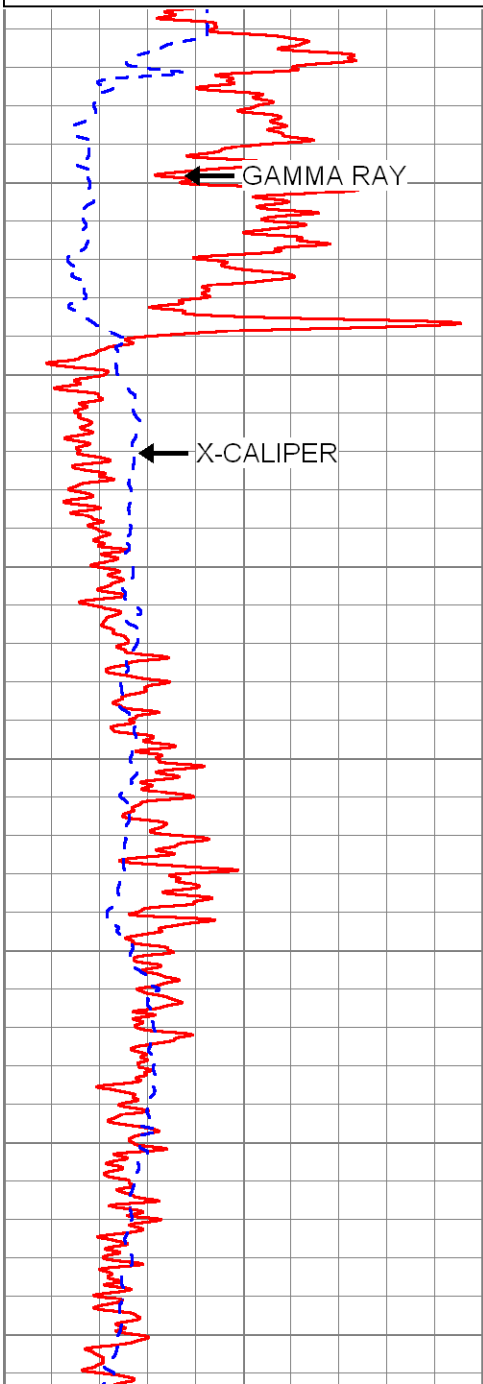


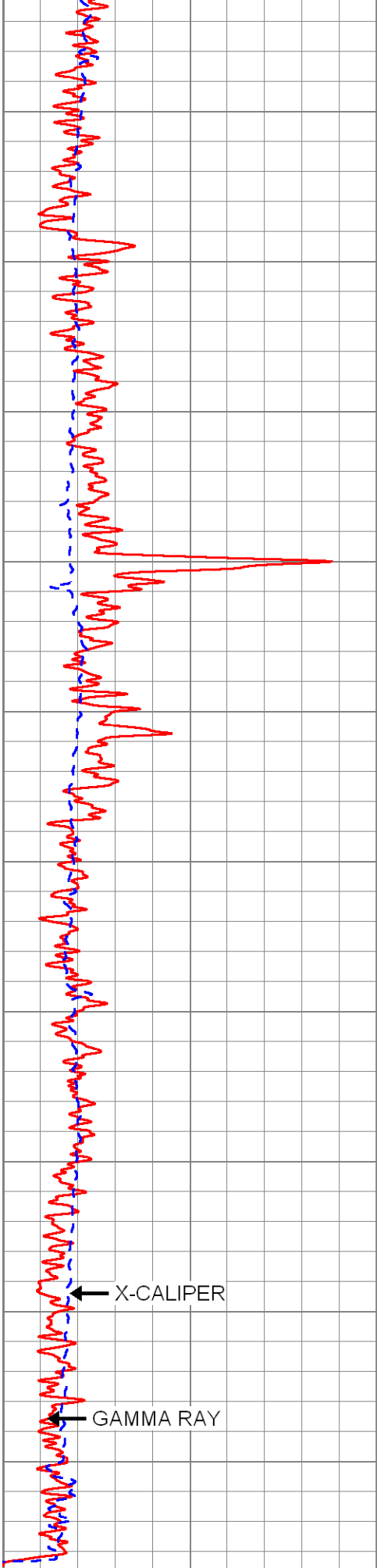
MAIN PASS

Database File: hiamw1.db
 Dataset Pathname: run5/pass7
 Presentation Format: son_por
 Dataset Creation: Sun Apr 11 20:28:15 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:600

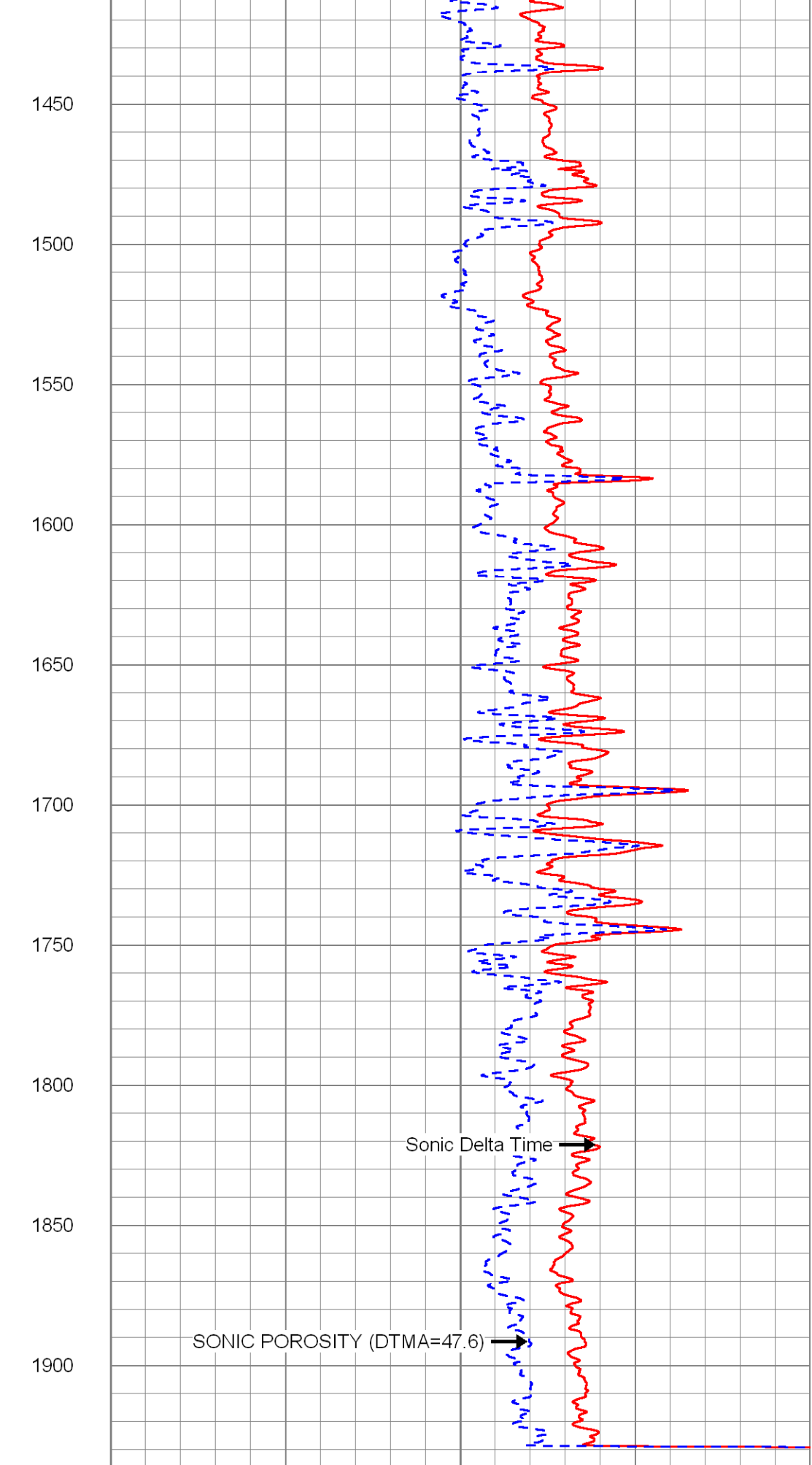
0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	30

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



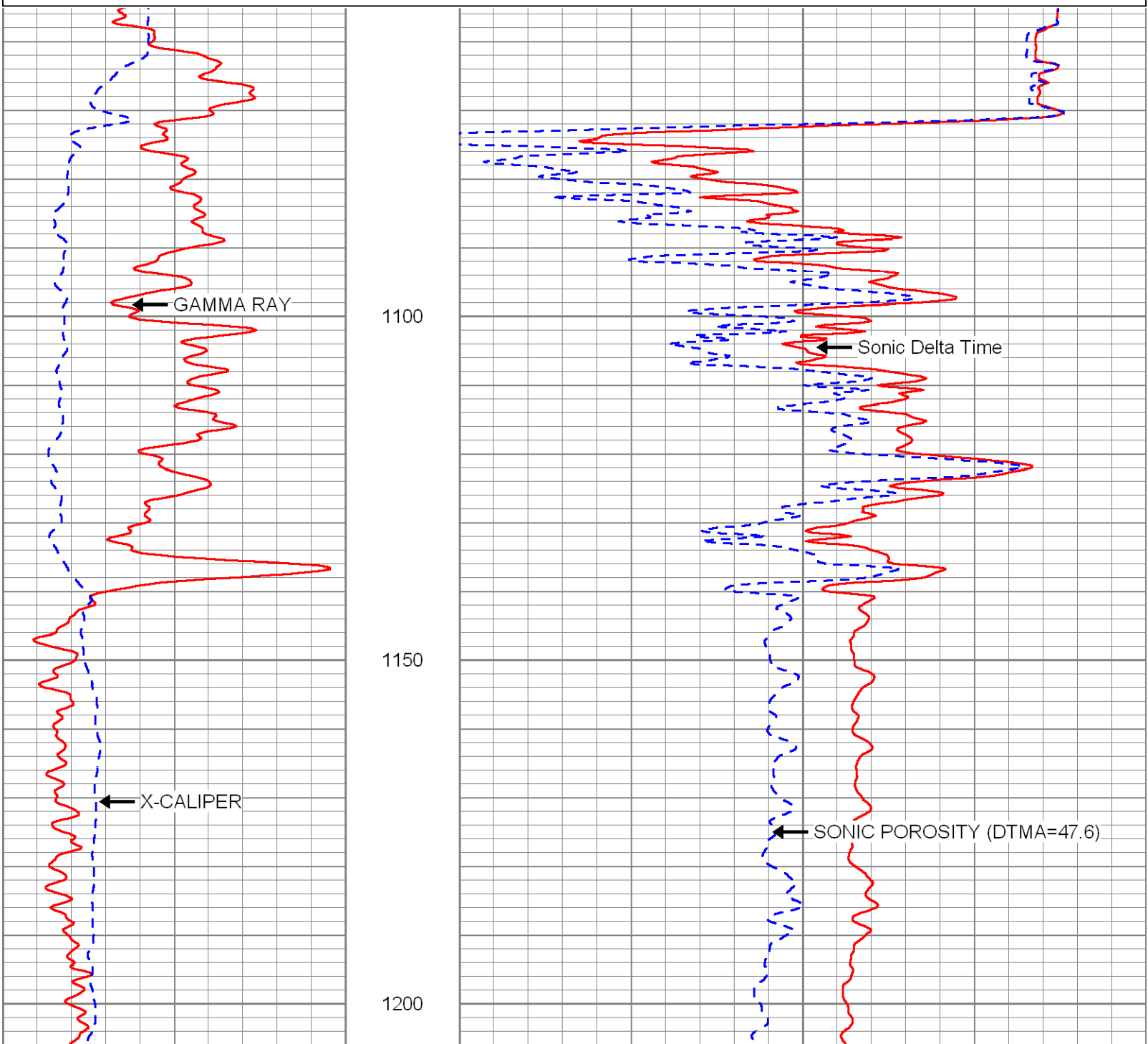
YOUNGQUIST BROTHERS, Inc

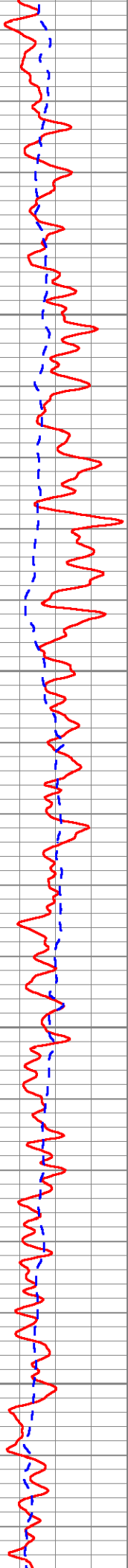
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: hiamw1.db
 Dataset Pathname: run5/pass7
 Presentation Format: son_por
 Dataset Creation: Sun Apr 11 20:28:15 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	100	240	DT (usec/ft)	40
10	X-CALIPER (in)	30	100	SONIC POROSITY (DTMA=47.6) (pu)	0



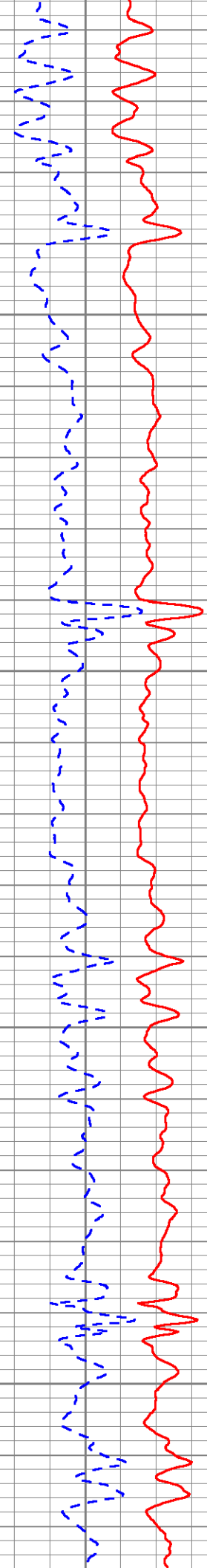


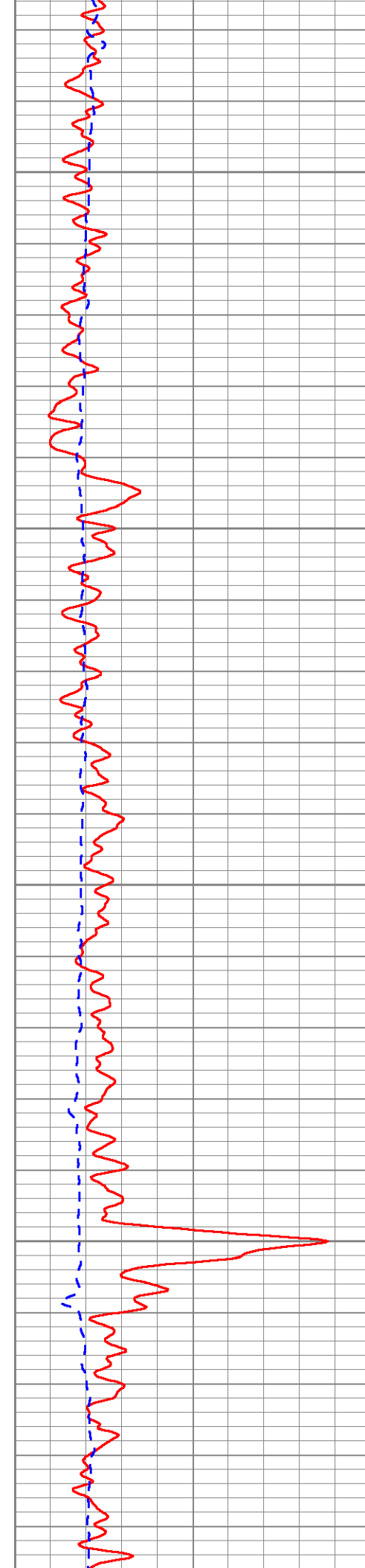
1250

1300

1350

1400



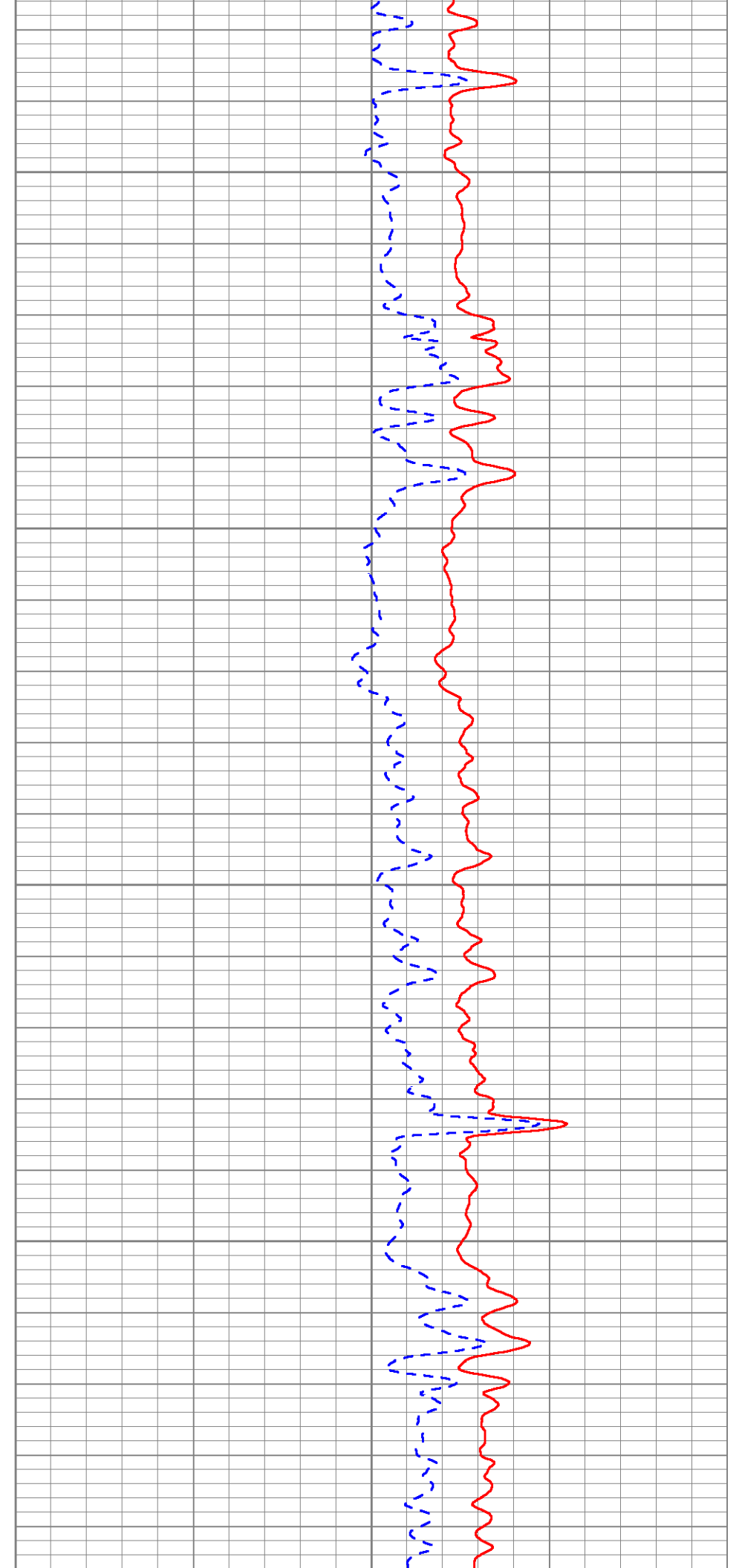


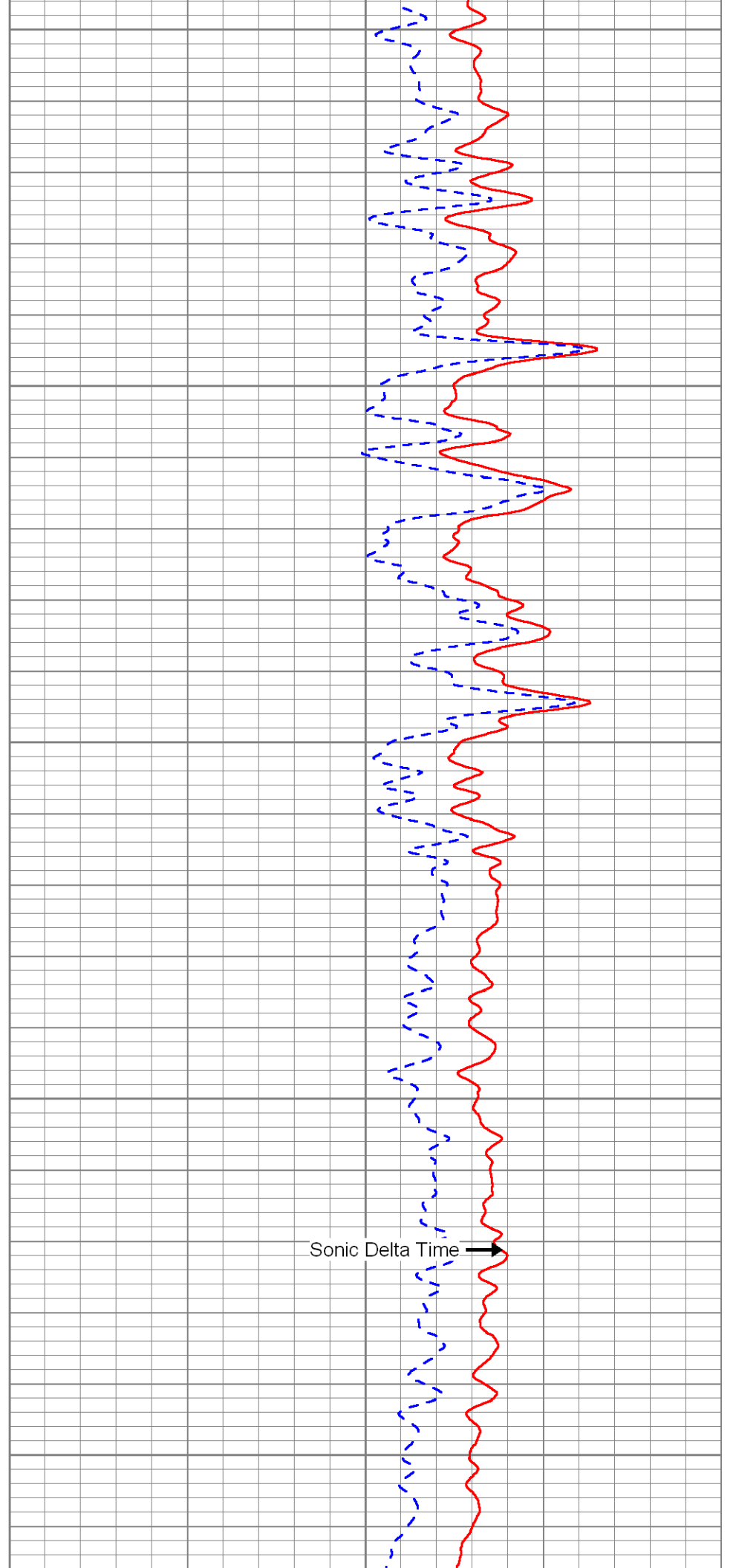
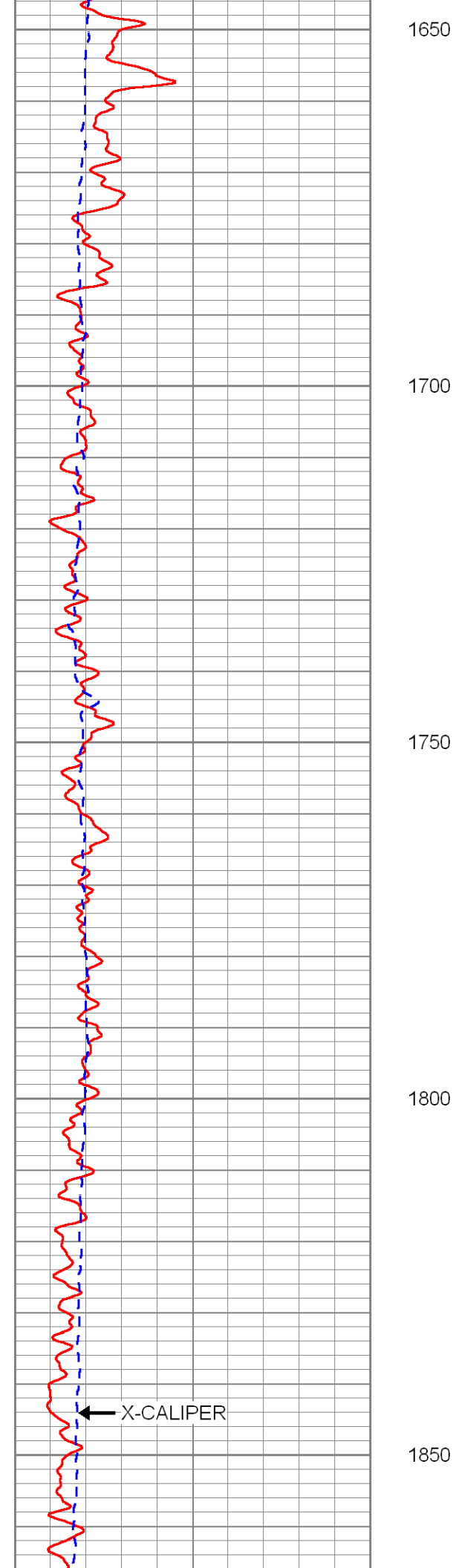
1450

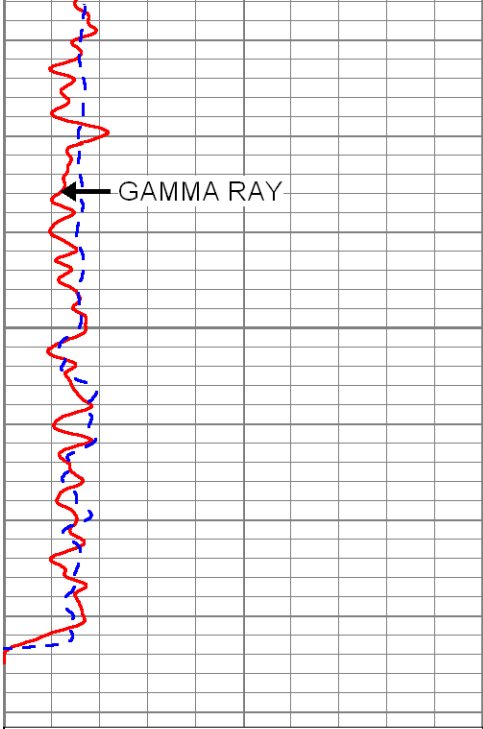
1500

1550

1600

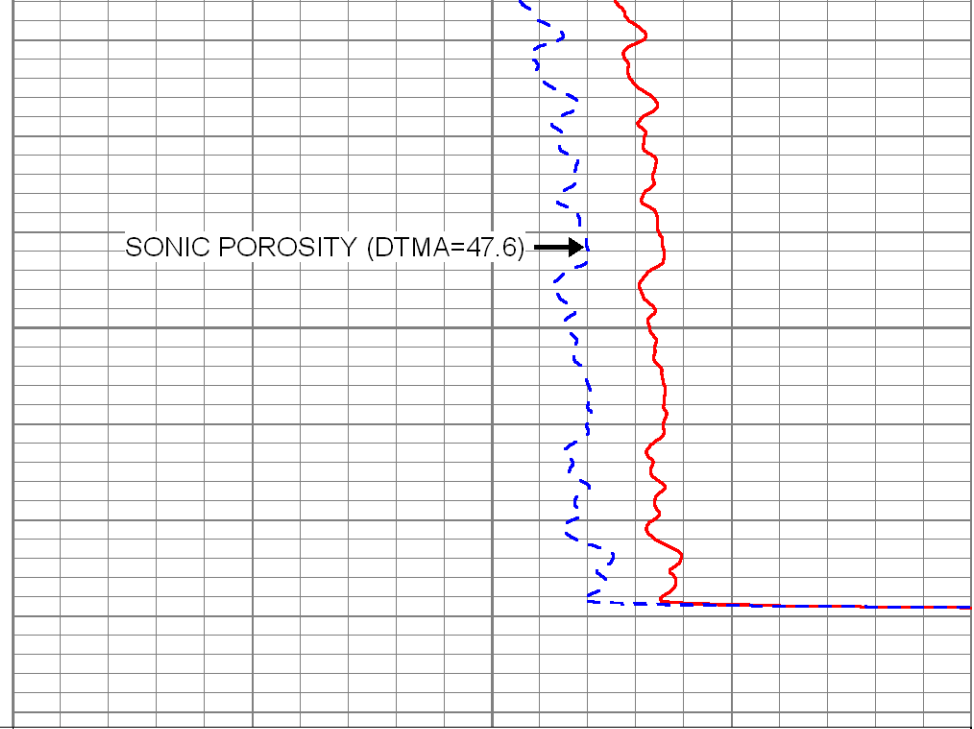






0	GAMMA RAY (GAPI)	100
10	X-CALIPER (in)	30

1900



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

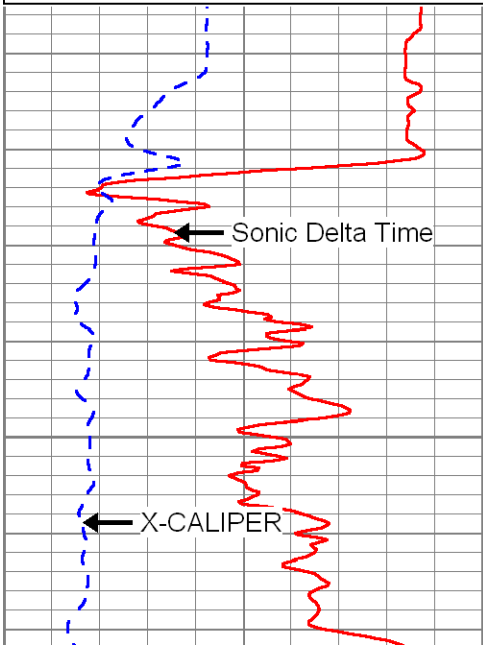


MAIN PASS

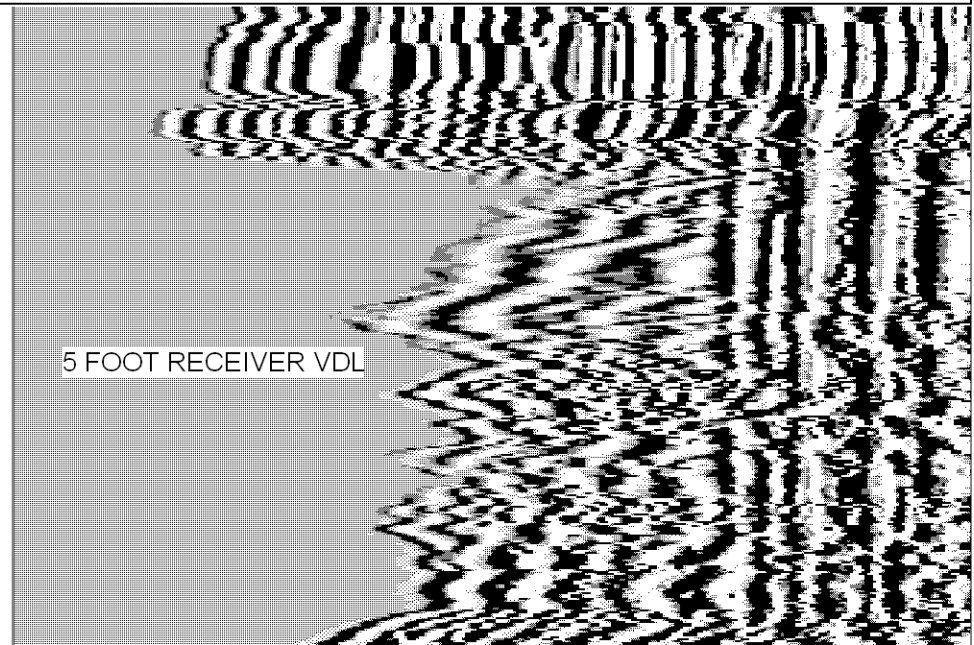
Database File: hiamw1.db
 Dataset Pathname: run5/pass7
 Presentation Format: son_vdl
 Dataset Creation: Sun Apr 11 20:28:15 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

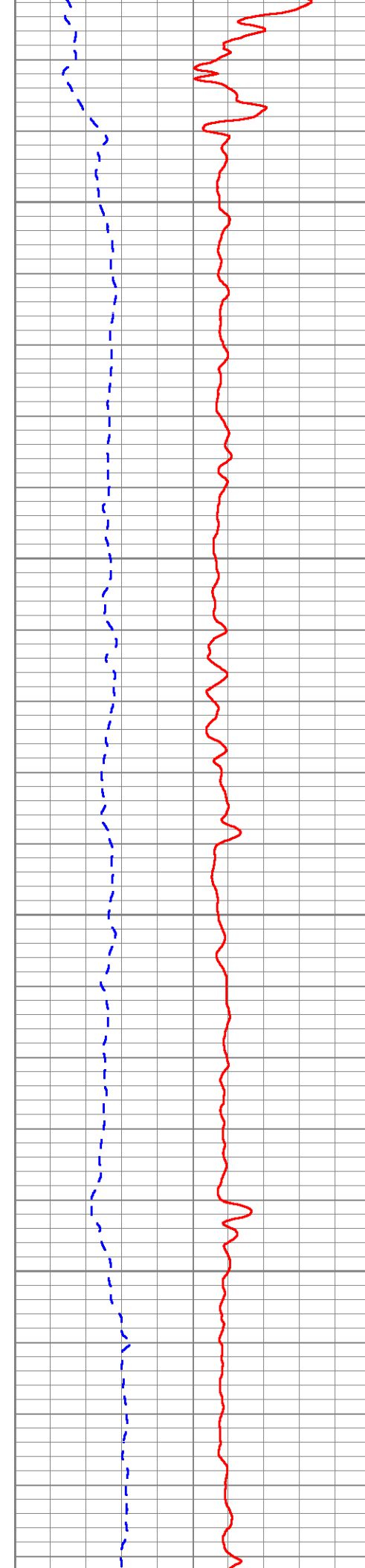
240	DT (usec/ft)	40
10	X-CALIPER (in)	30

400 5 FOOT RECEIVER VDL 1400



1100



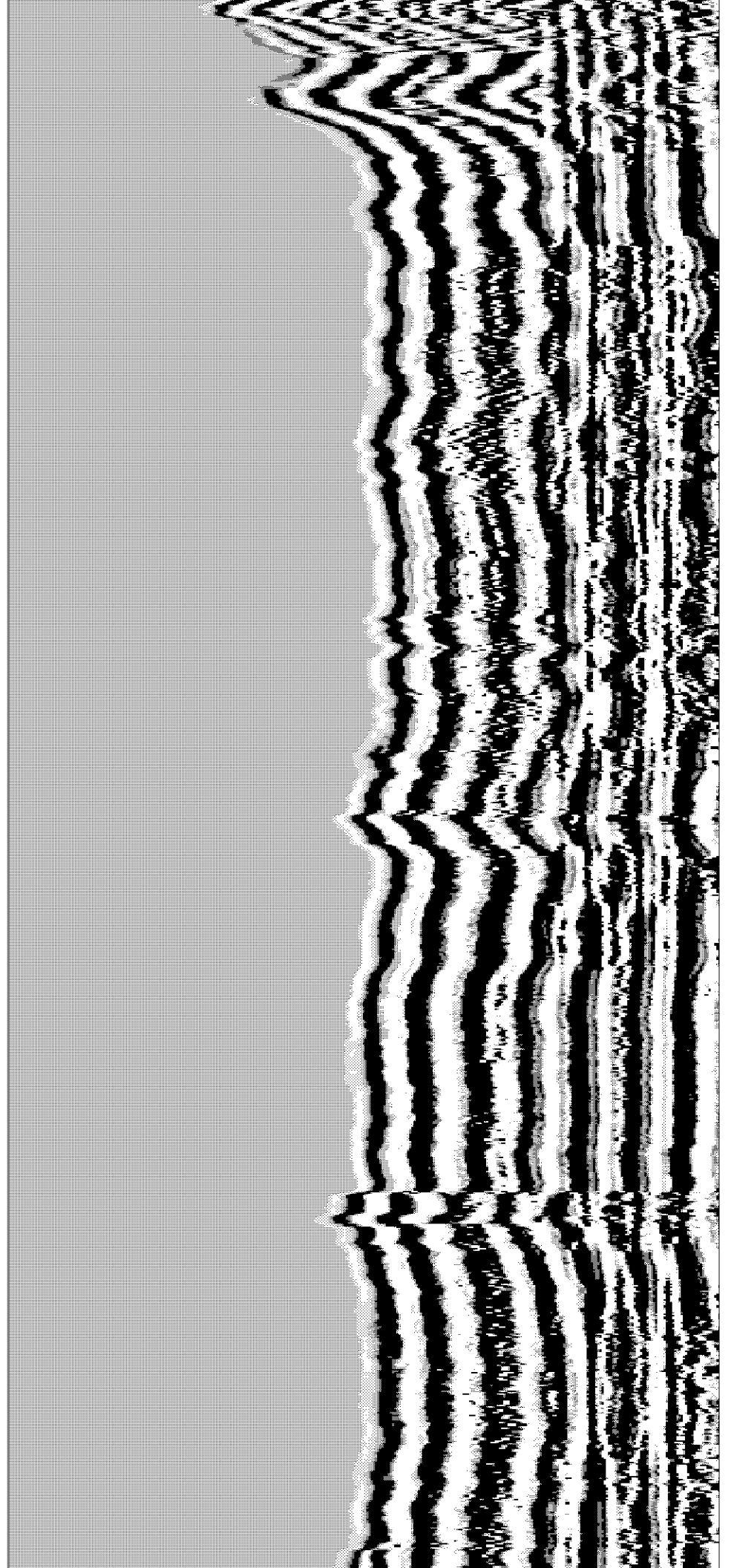


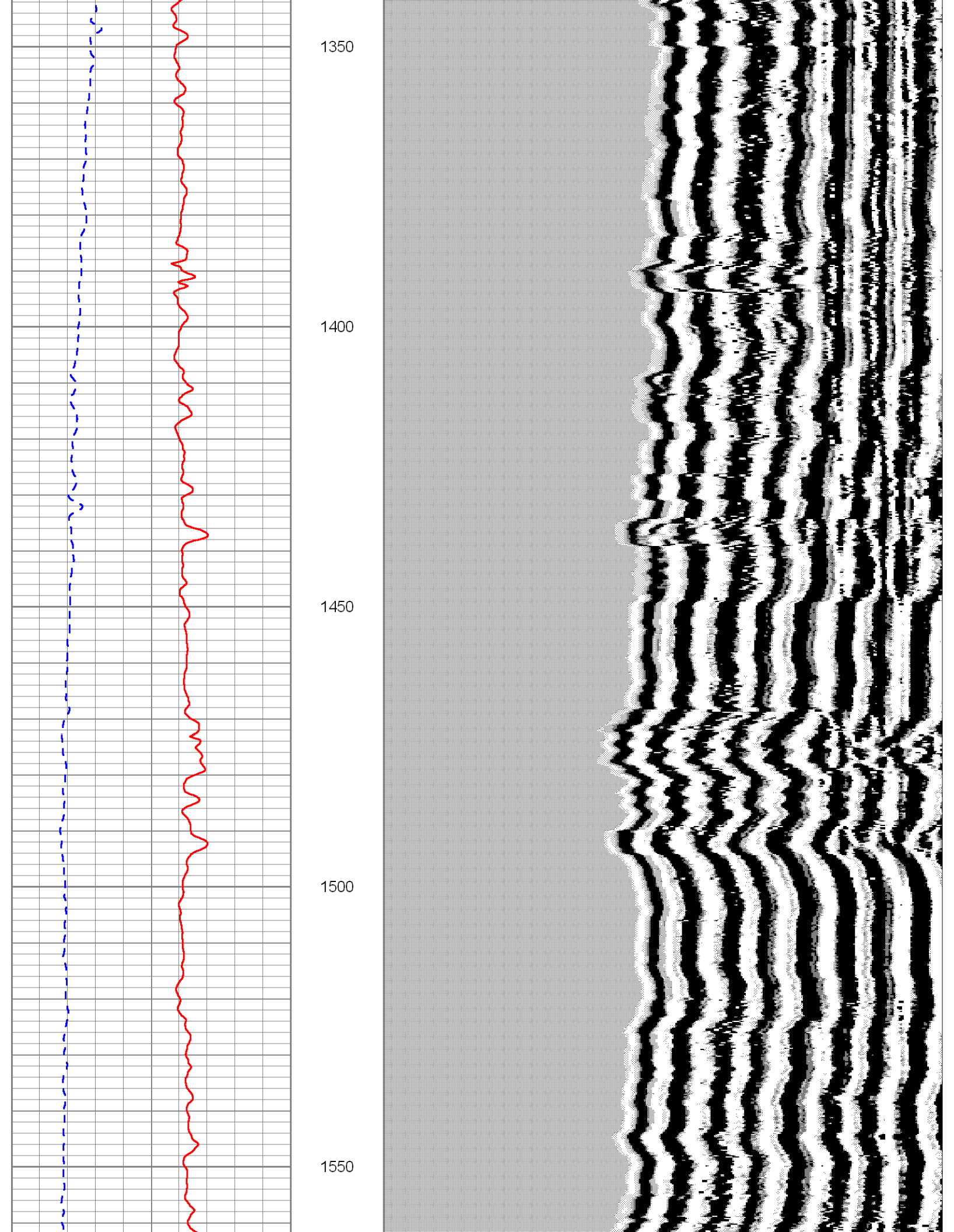
1150

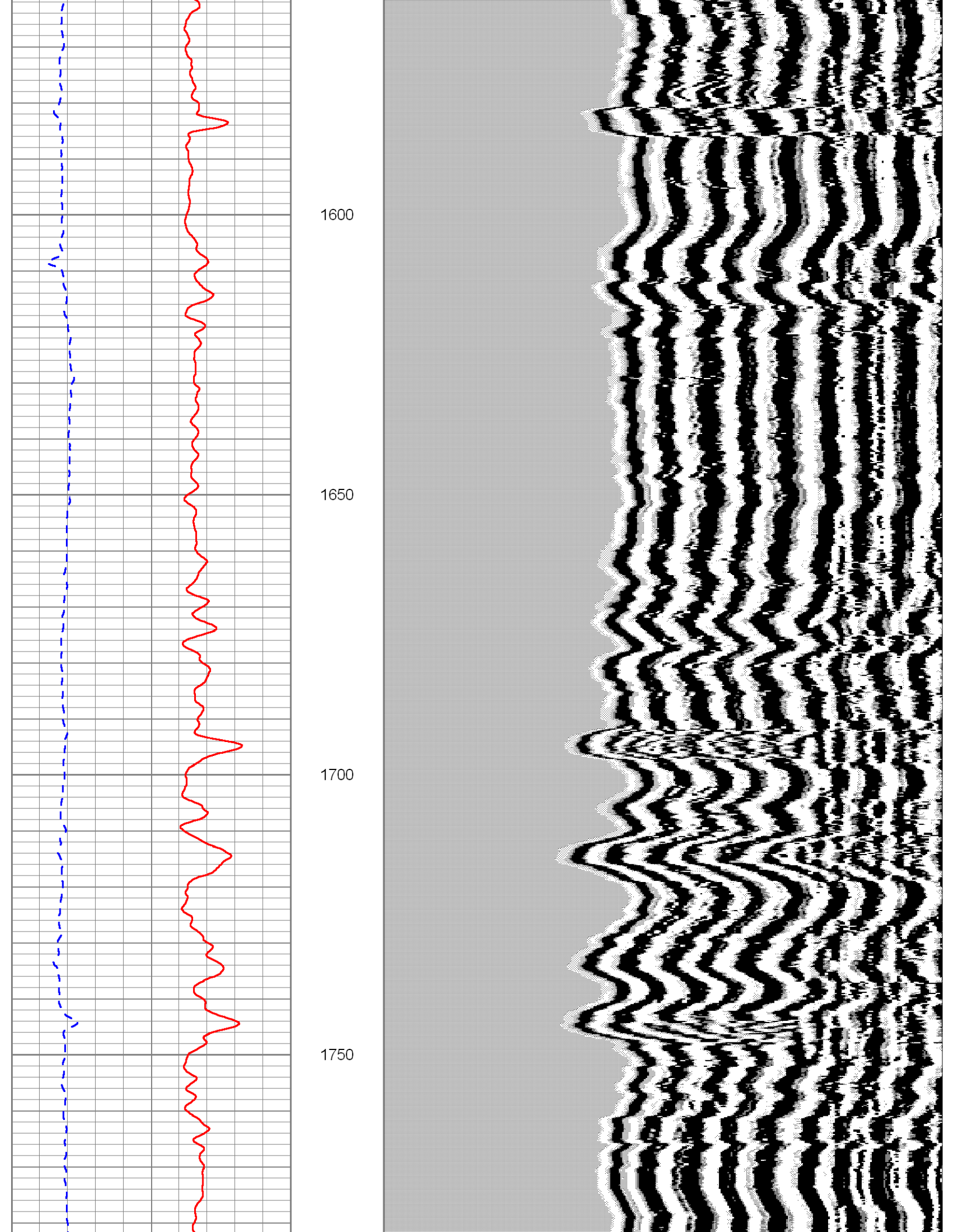
1200

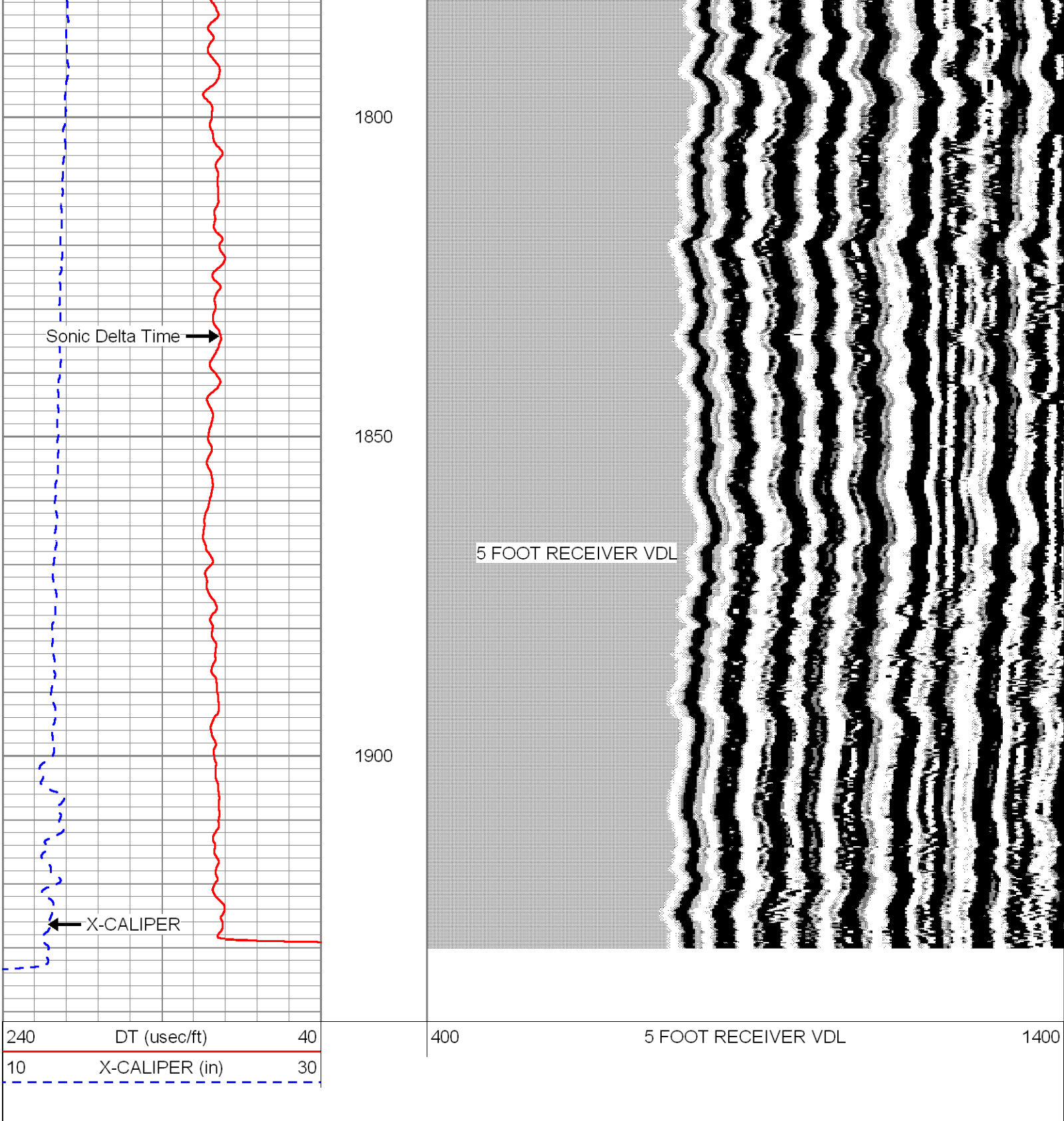
1250

1300









**YOUNGQUIST
BROTHERS, Inc**

GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

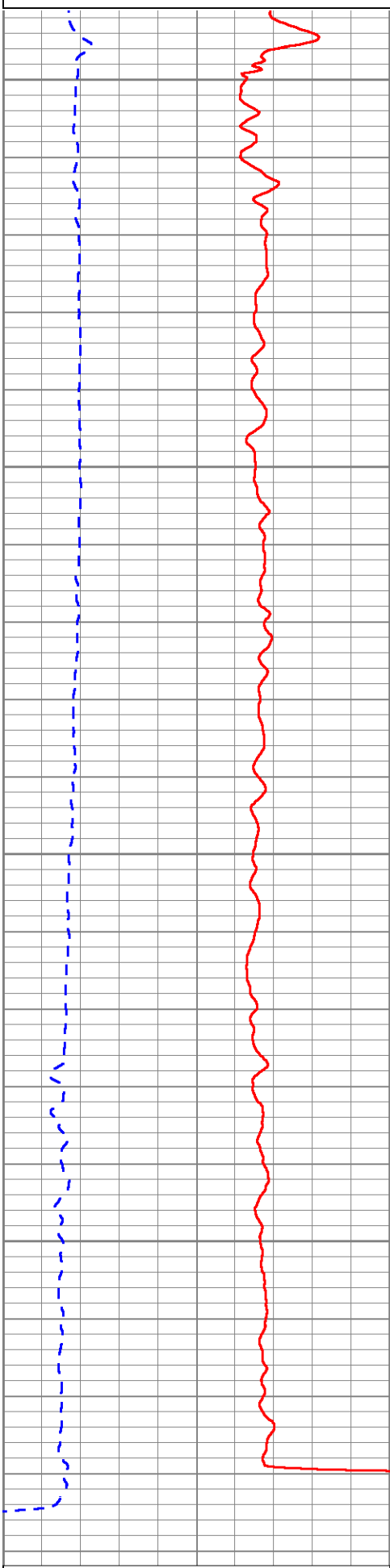
Database File: hiamw1.db
 Dataset Pathname: run5/pass6
 Presentation Format: son_vdl
 Dataset Creation: Sun Apr 11 20:19:39 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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

400

5 FOOT RECEIVER VDL

1400

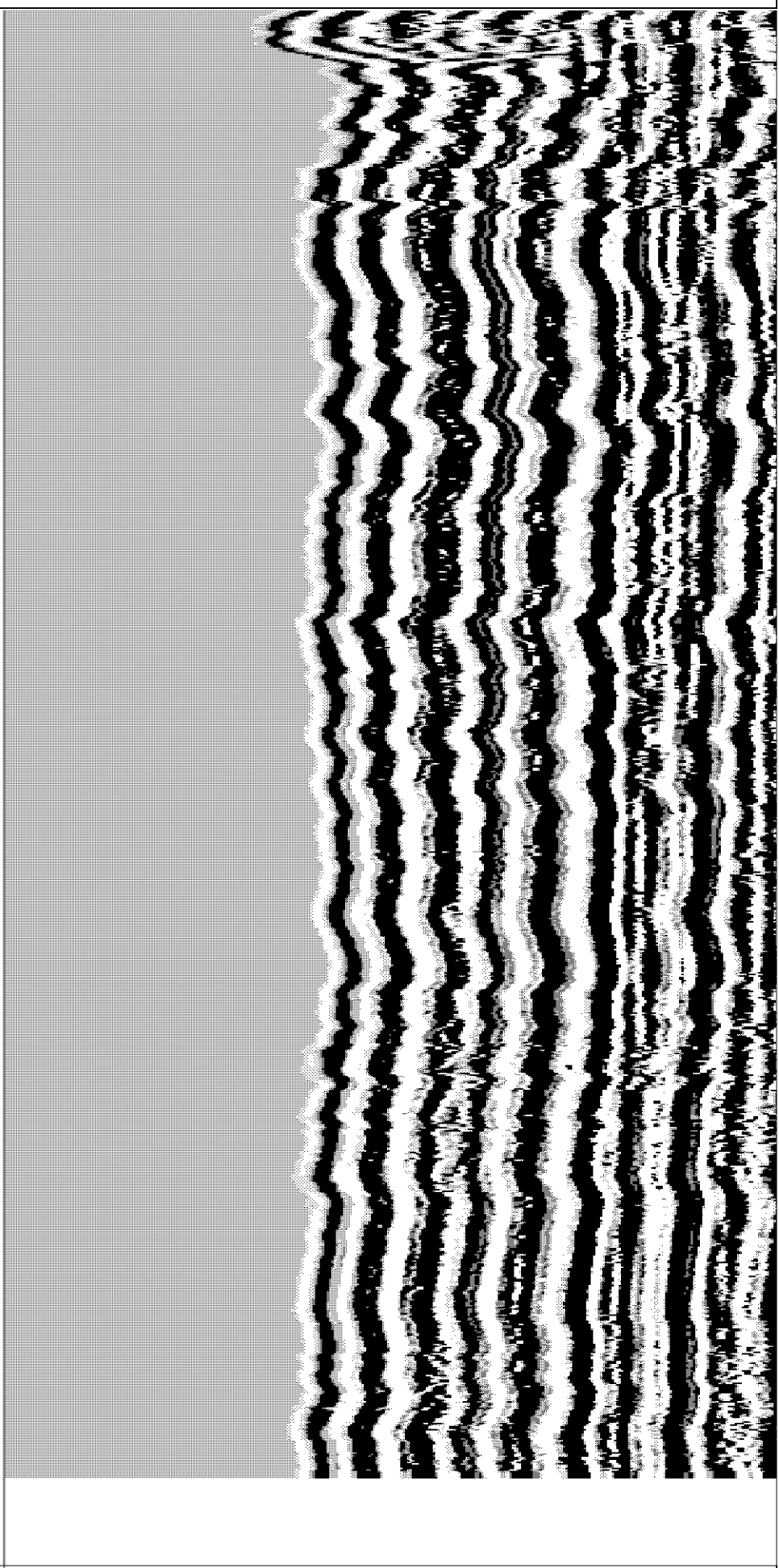


1750

1800

1850

1900

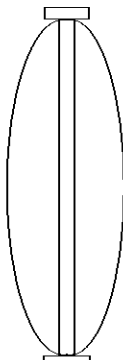
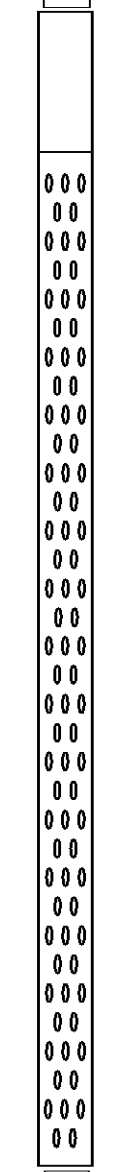
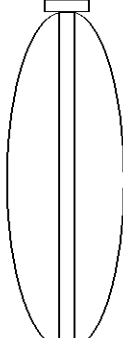


240	DT (usec/ft)	40
10	X-CALIPER (in)	30

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

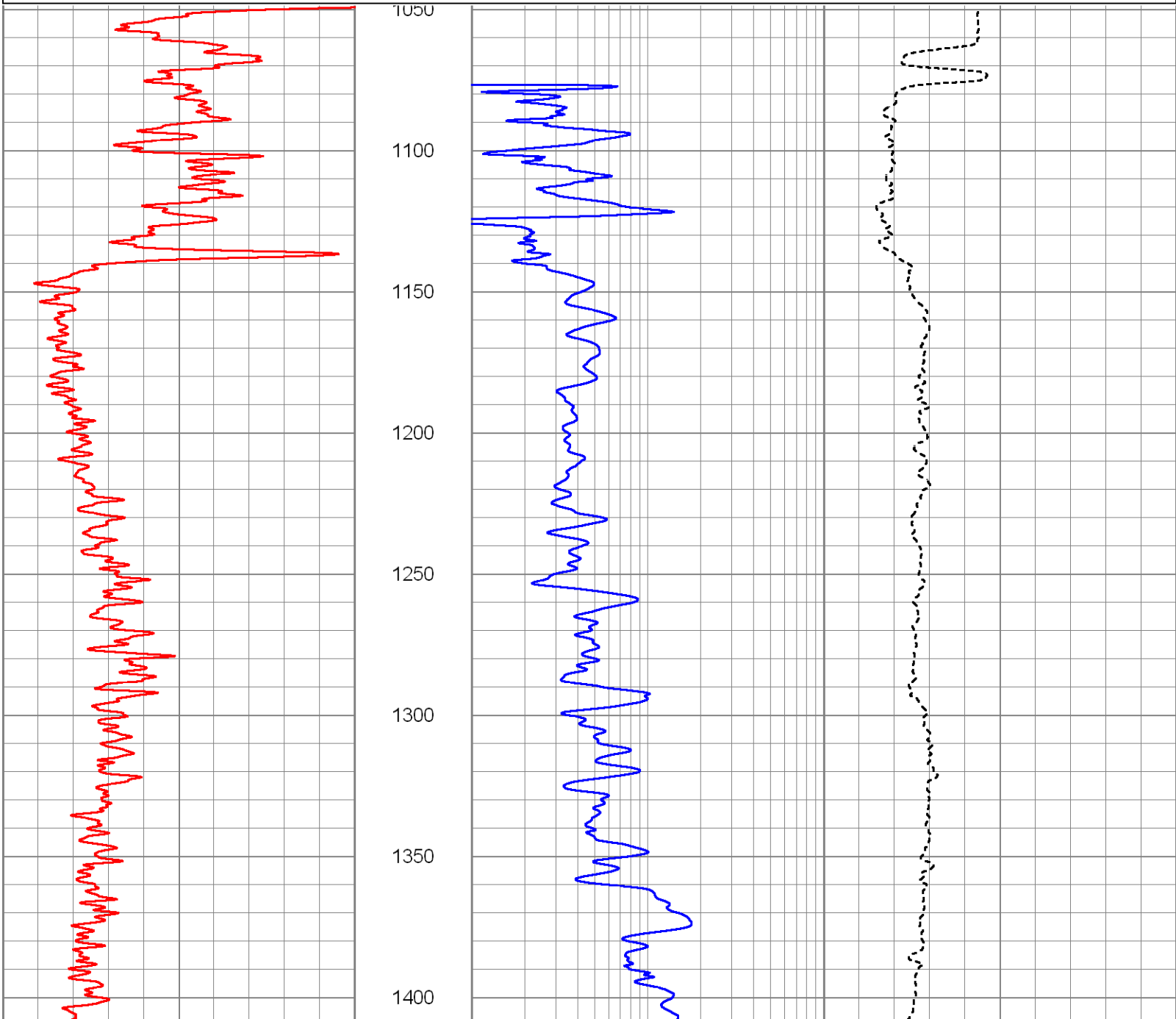
Dataset: hiamw1.db: field/well/run5/pass7
Total Length: 26.00 ft
Total Weight: 227.00 lb
O.D.: 3.50 in

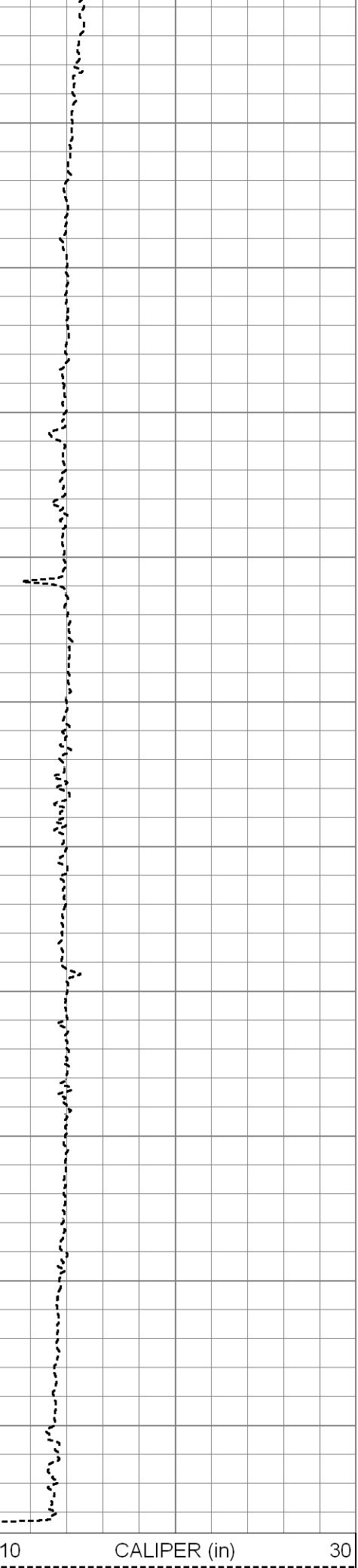
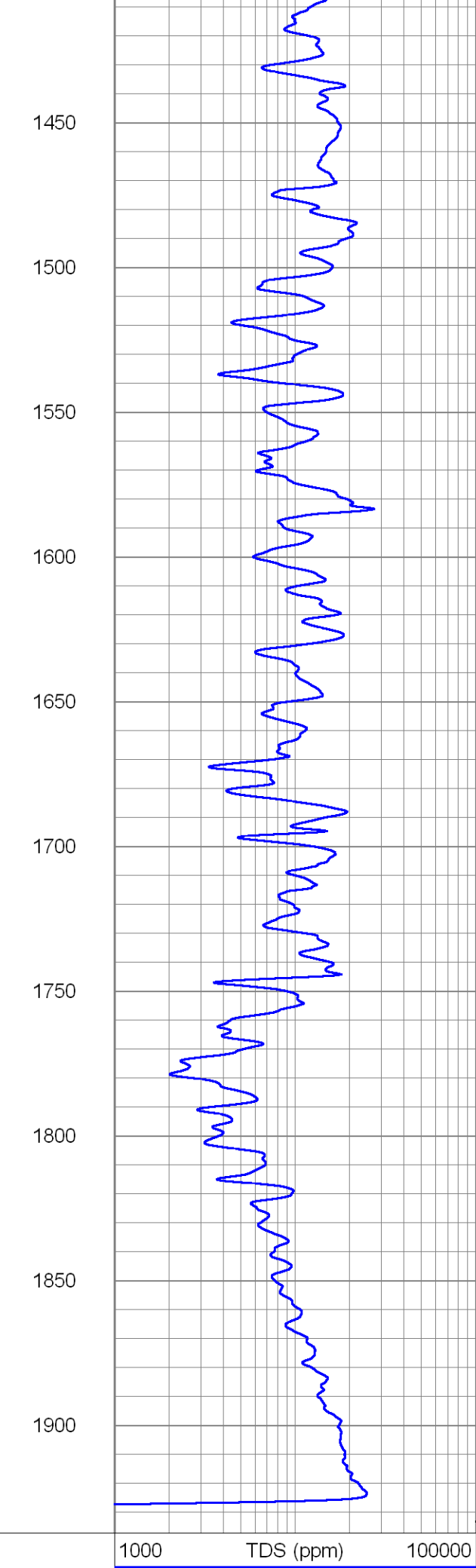
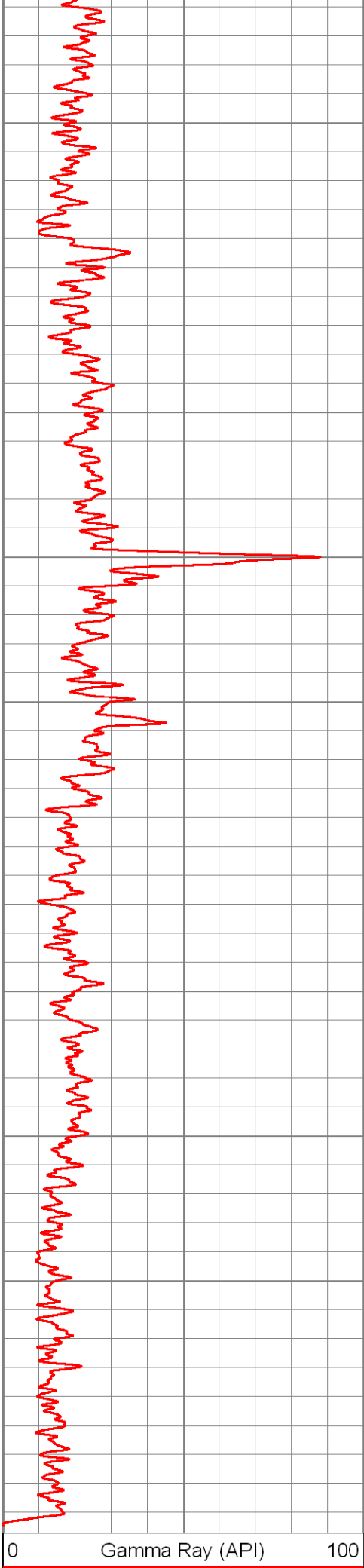


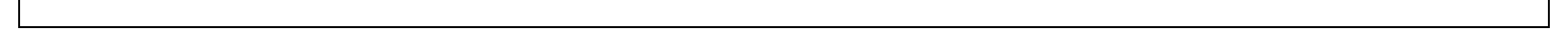
LOG DERIVED TDS

Database File: hiamw1.db
Dataset Pathname: run5/TDS
Presentation Format: tds
Dataset Creation: Sun Apr 11 21:01:22 2010
Charted by: Depth in Feet scaled 1:600

0 Gamma Ray (API) 100 1000 TDS (ppm) 100000 10 CALIPER (in) 30









**YOUNGQUIST
BROTHERS, Inc**
GEOPHYSICAL LOGGING DIVISION

**DUAL INDUCTION
LL3 with SP
LOG**

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE
State FL

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE State FL

Location: API # :
Permanent Datum SEC TWP RGE Elevation
Log Measured From
Drilling Measured From
Other Services
SEE
COMMENTS
Elevation
K.B.
D.F.
G.L.

Date	11-APRIL-2010		
Run Number	FIVE		
Depth Driller	1940'		
Depth Logger	1940'		
Bottom Logged Interval	1940'		
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	1730		
Time Logger on Bottom	1800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	CATHEY		
Witnessed By	D. LEGGETT		
Borehole Record		Borehole Record	
Run Number	Bit	From	To
ONE	40.5"	SURFACE	157'
TWO	28.5"	CASING	1076'
THREE	12.25"	CASING	1940'
Casing Record	Size	Wgt/Ft	Bottom
Surface String	30"	.375" W.T.	156'
Prot. String	20"	.375 W.T.	1076'
Production String			
Liner			

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

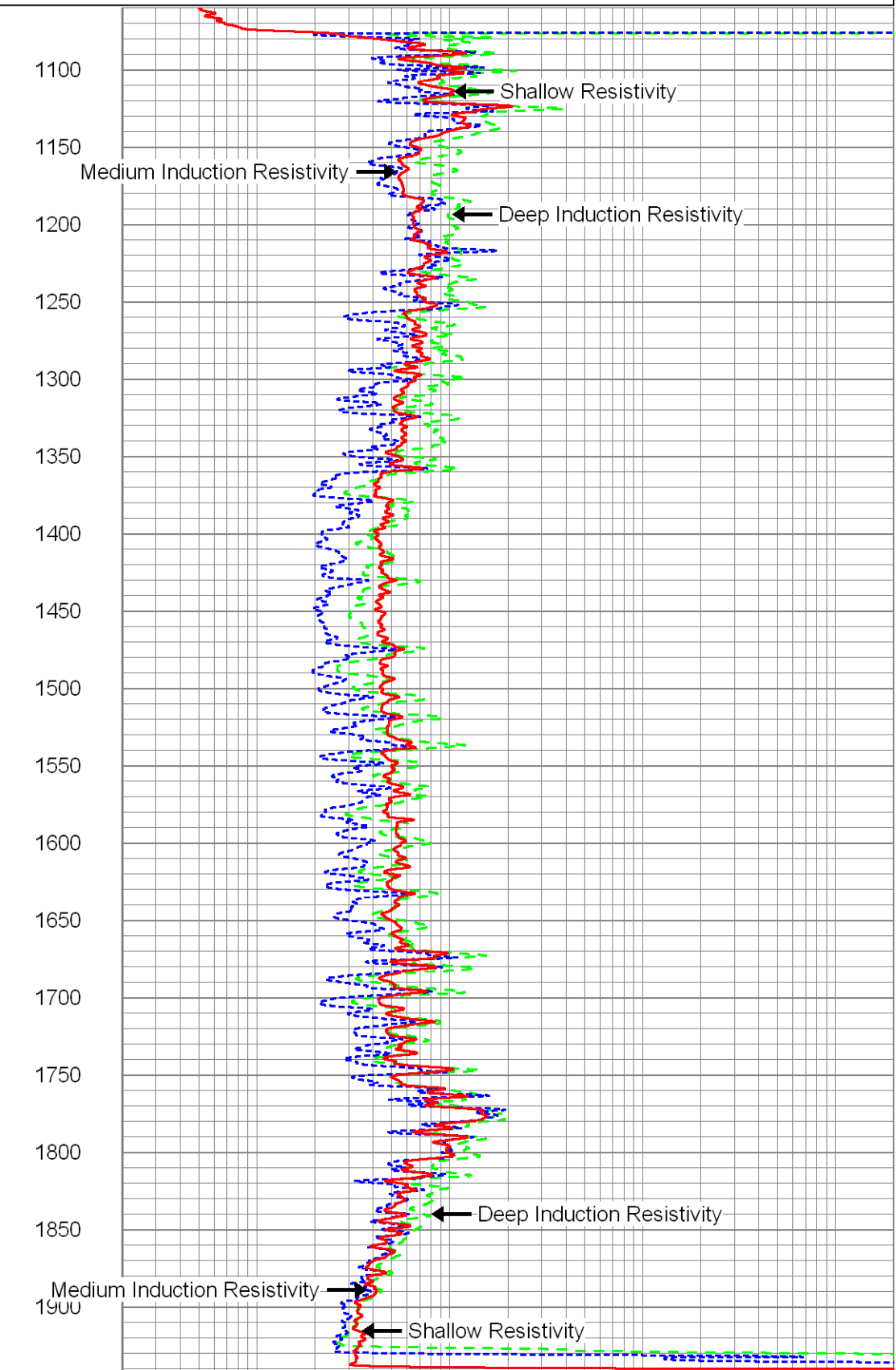
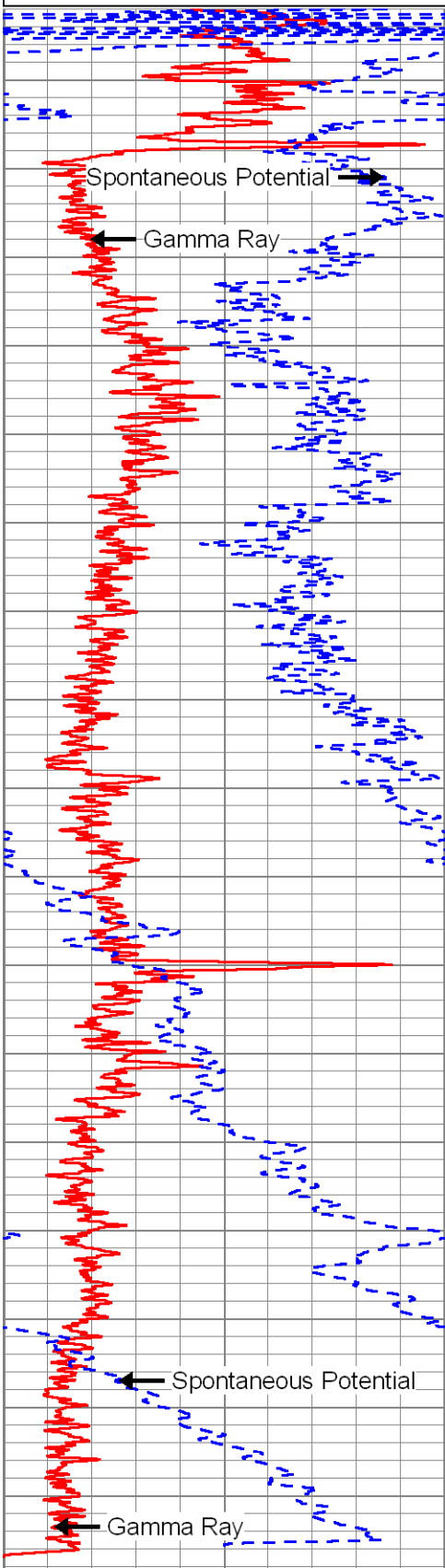
Comments

OTHER SERVICES:
X-Y CALIPER / GAMMA RAY
SONIC
BOREHOLE TELEVIEWER
FLUID CONDUCTIVITY / TEMP
FLOWMETER

Database File: hiamw1.db
 Dataset Pathname: run5/pass5
 Presentation Format: dil
 Dataset Creation: Sun Apr 11 19:23:10 2010 by Log Open-Cased 090629
 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



0	Gamma Ray (GAPI)	100
---	------------------	-----

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

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

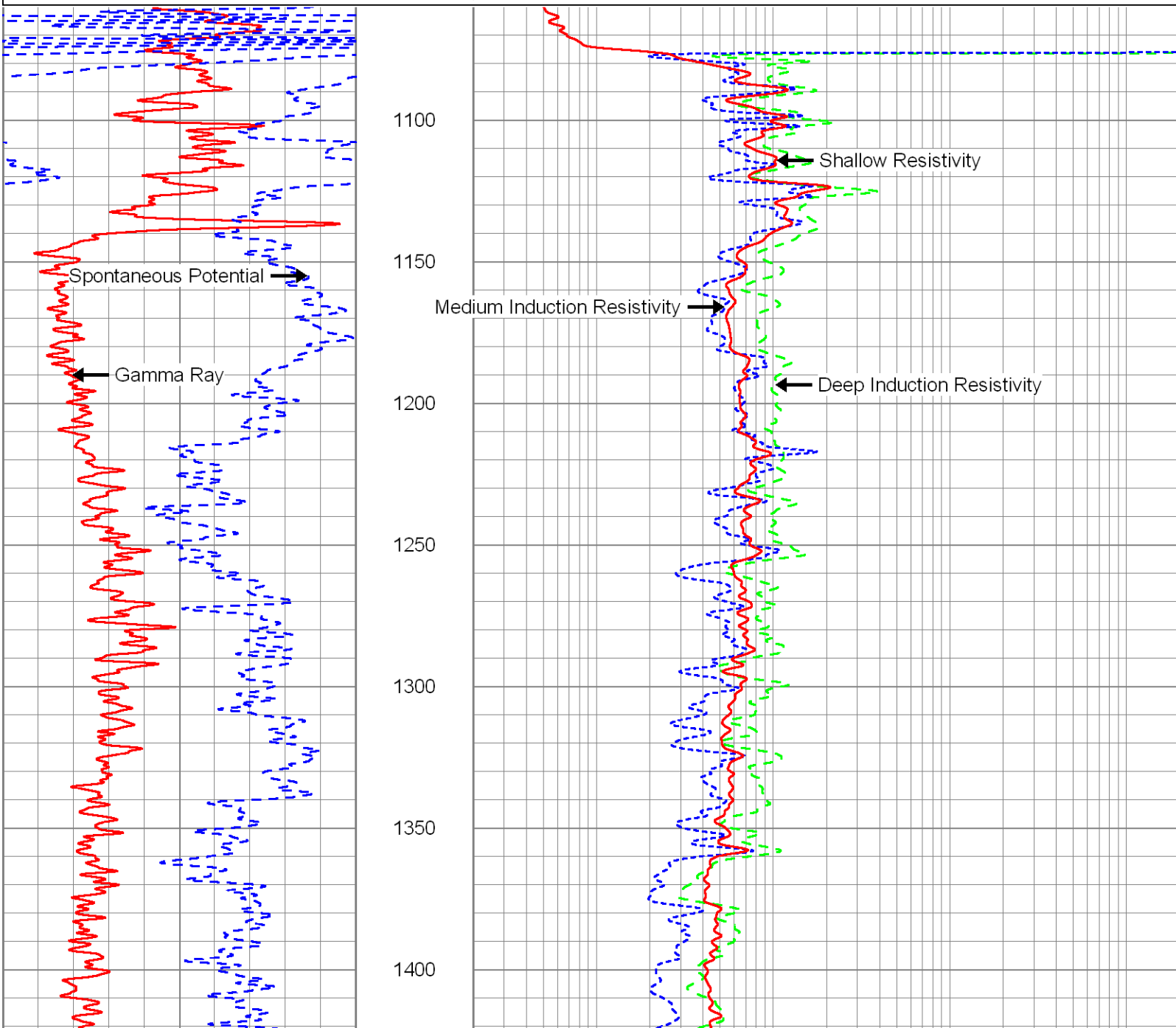


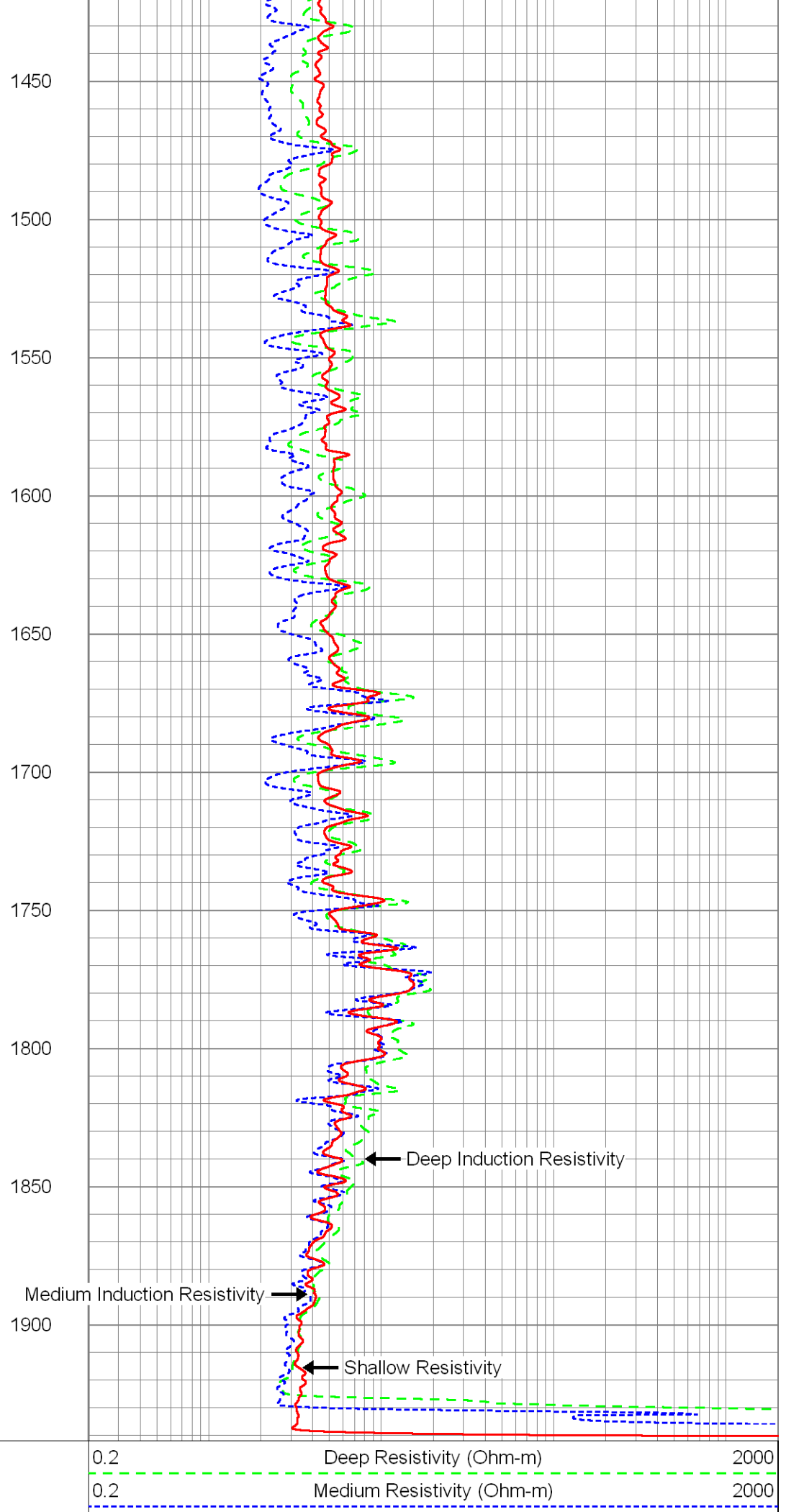
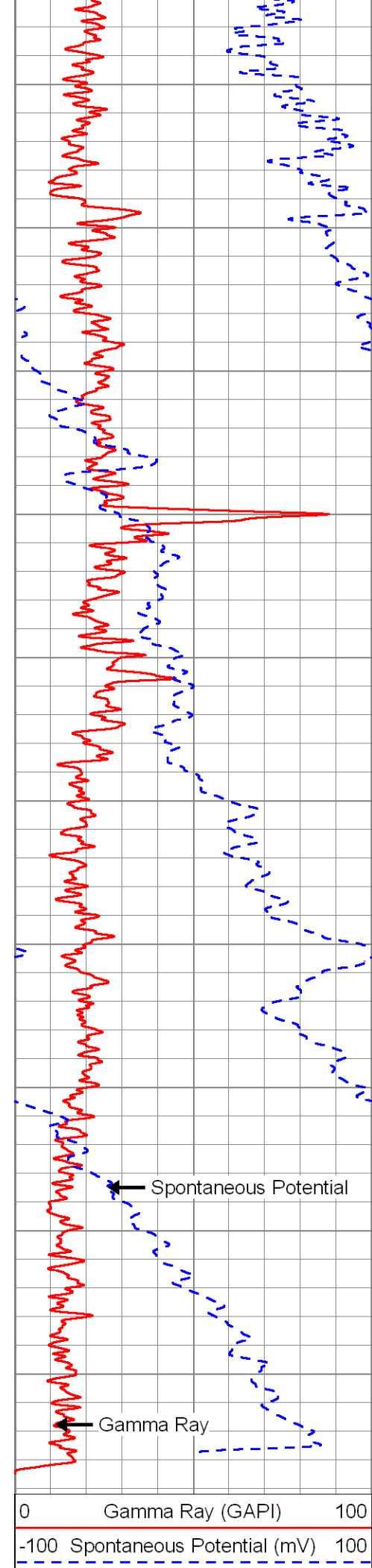
MAIN PASS

Database File: hiamw1.db
 Dataset Pathname: run5/pass5
 Presentation Format: dil
 Dataset Creation: Sun Apr 11 19:23:10 2010 by Log Open-Cased 090629
 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





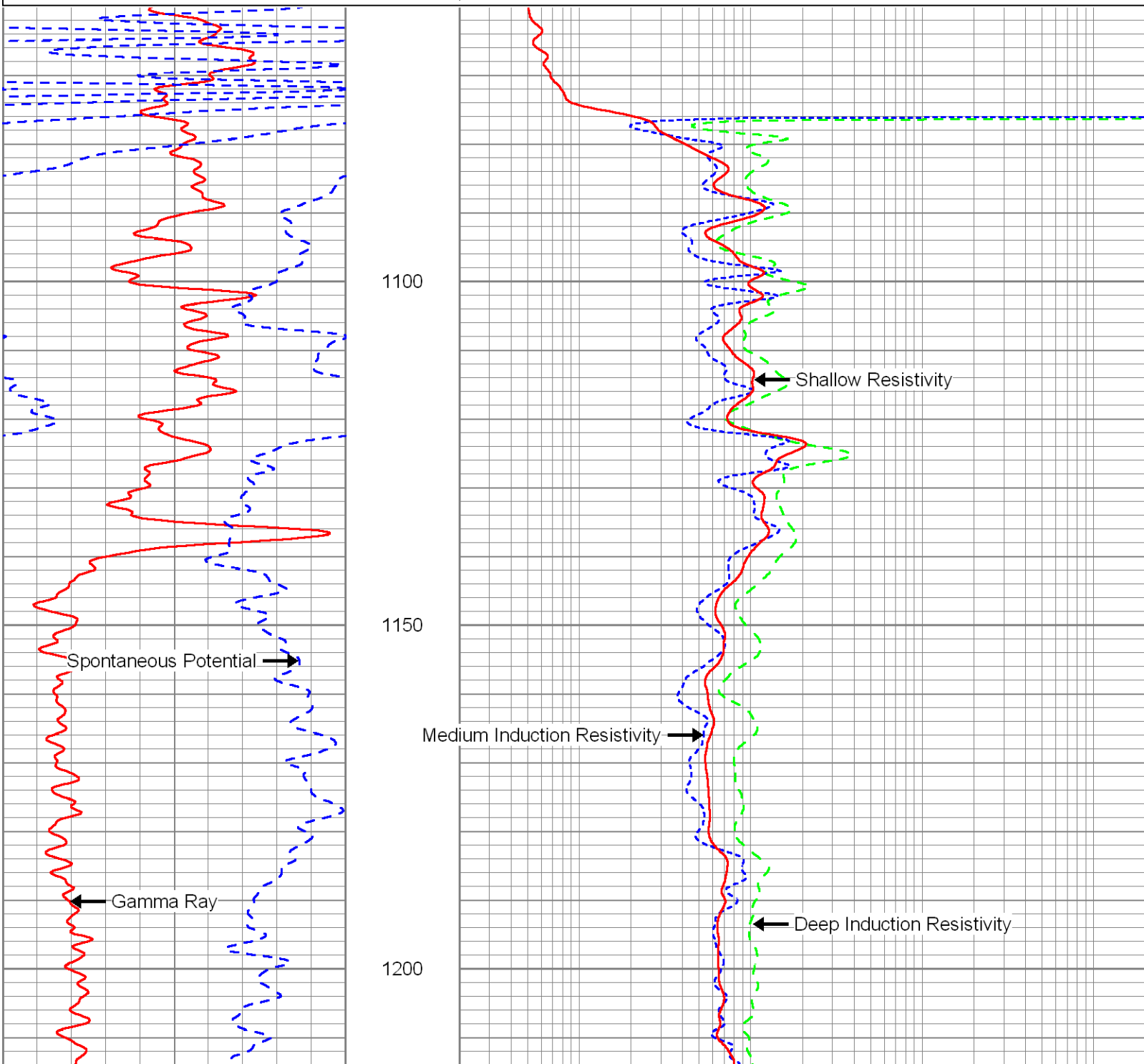


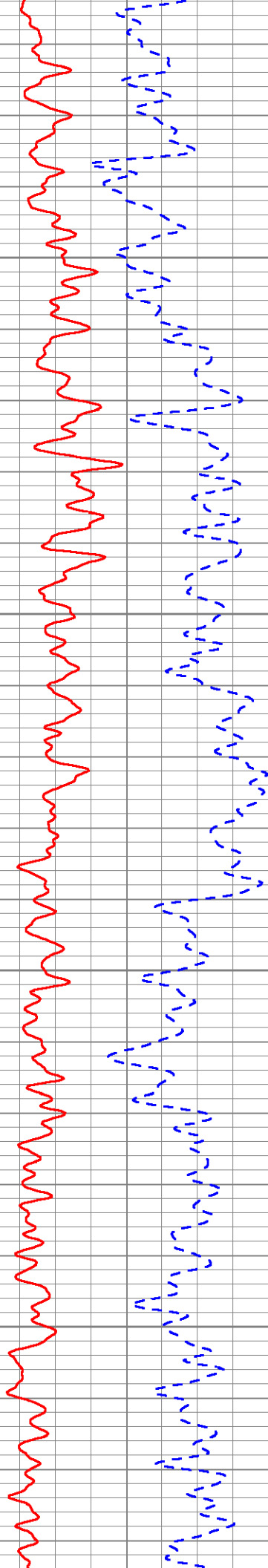
MAIN PASS

Database File: hiamw1.db
 Dataset Pathname: run5/pass5
 Presentation Format: dil
 Dataset Creation: Sun Apr 11 19:23:10 2010 by Log Open-Cased 090629
 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



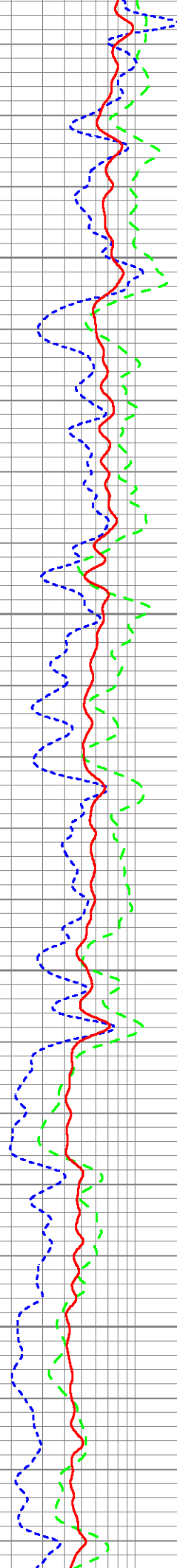


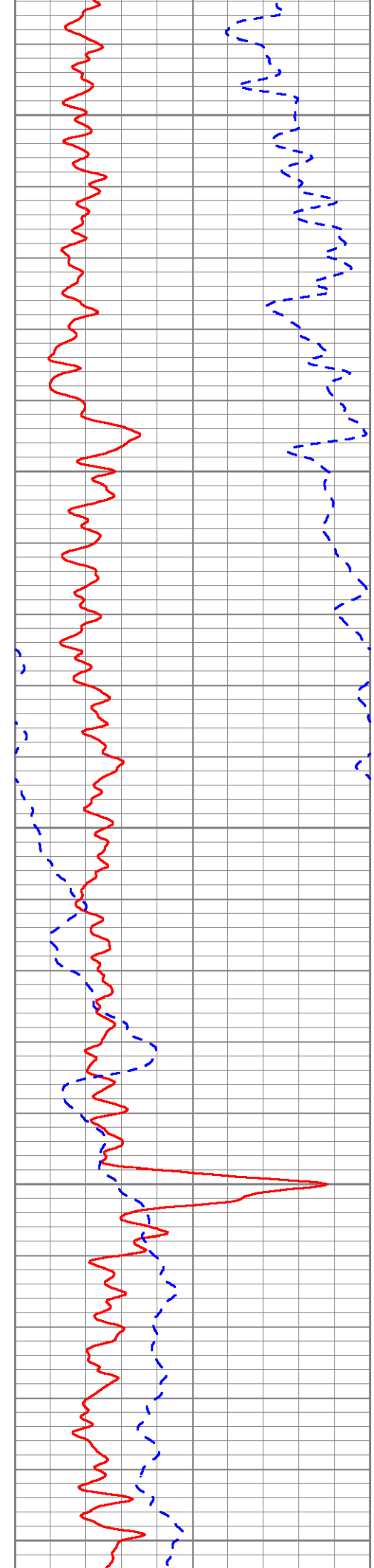
1250

1300

1350

1400





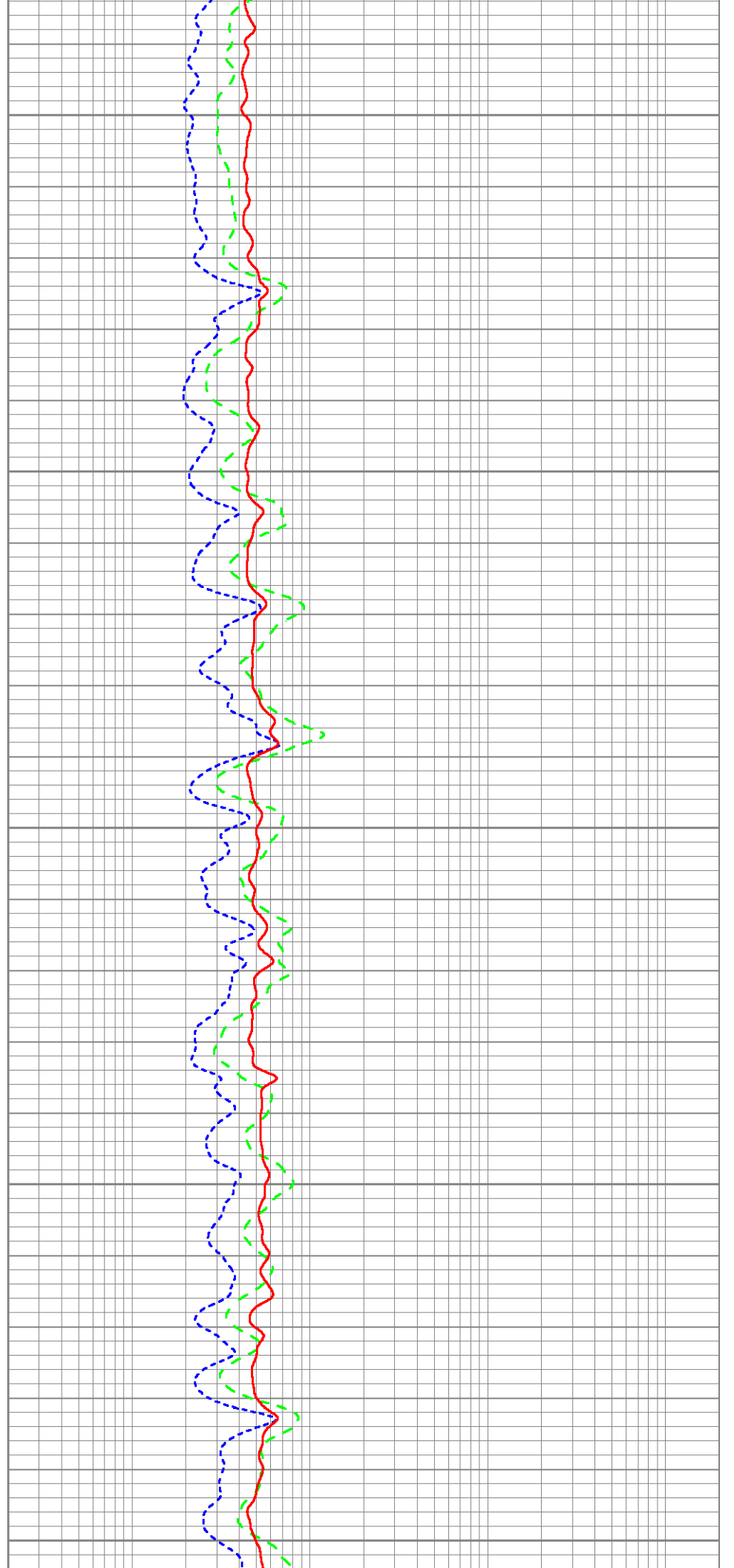
1450

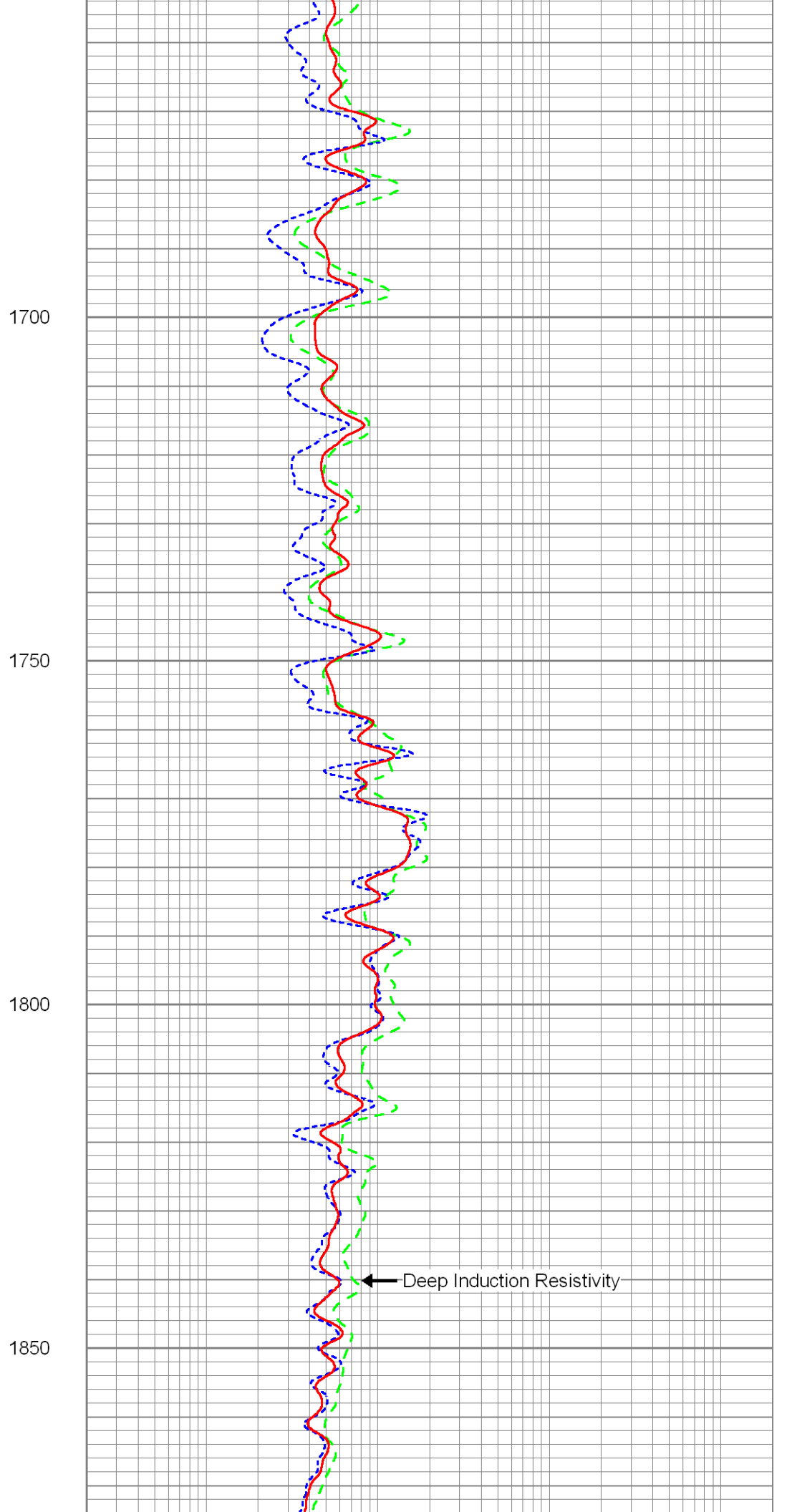
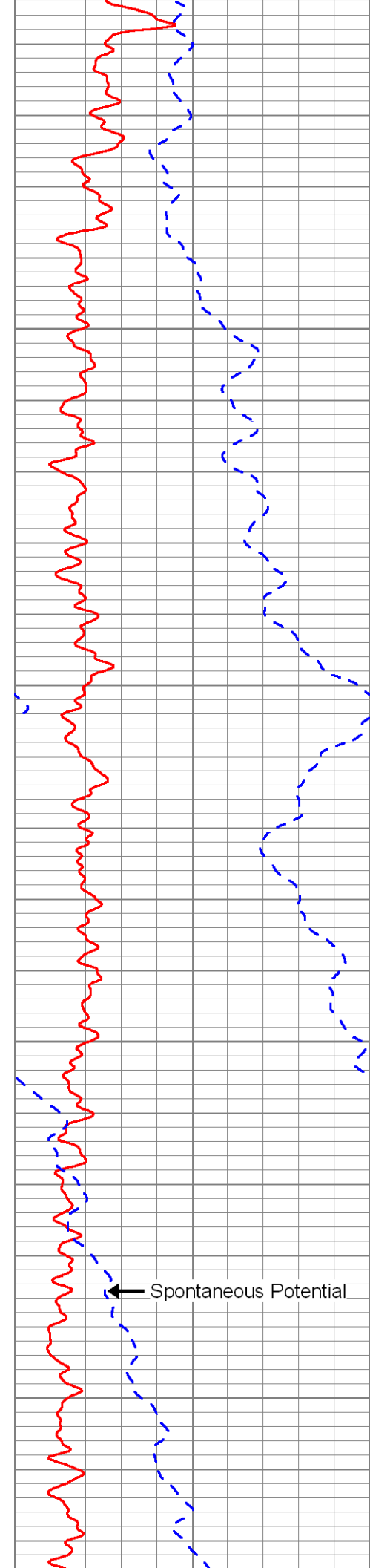
1500

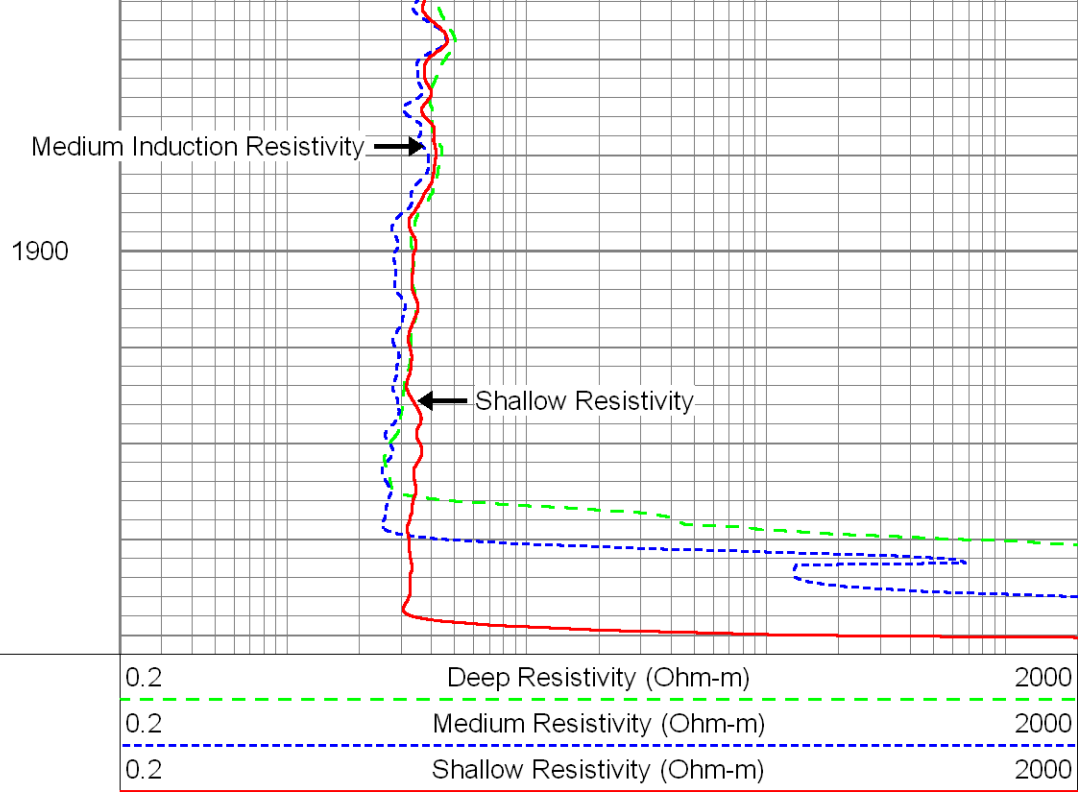
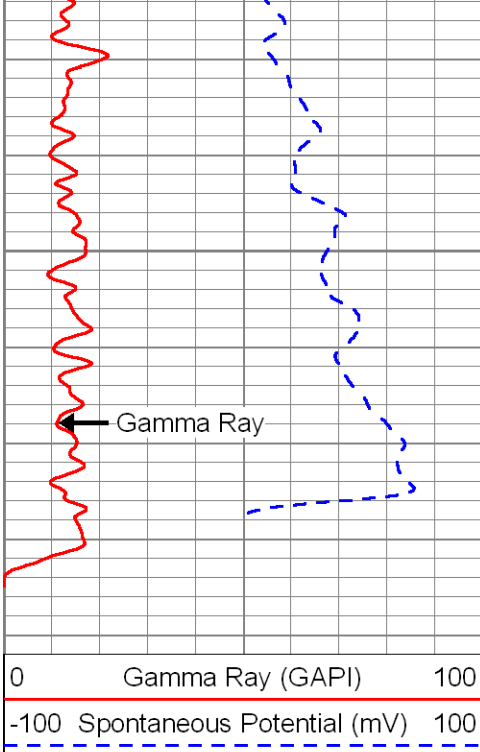
1550

1600

1650








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



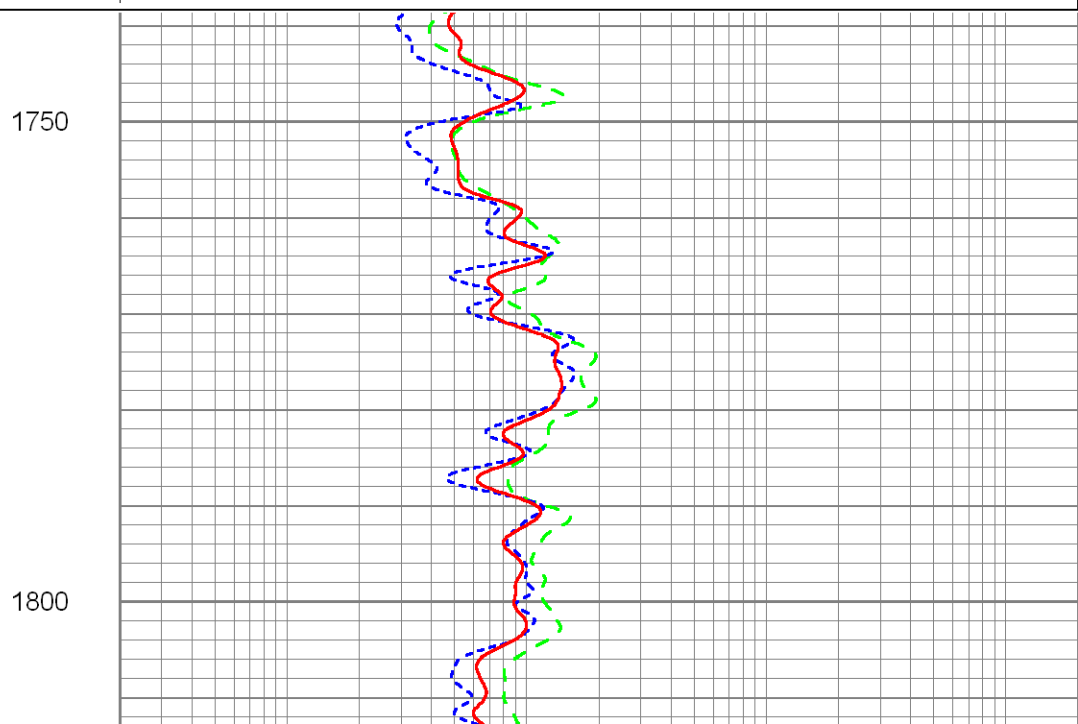
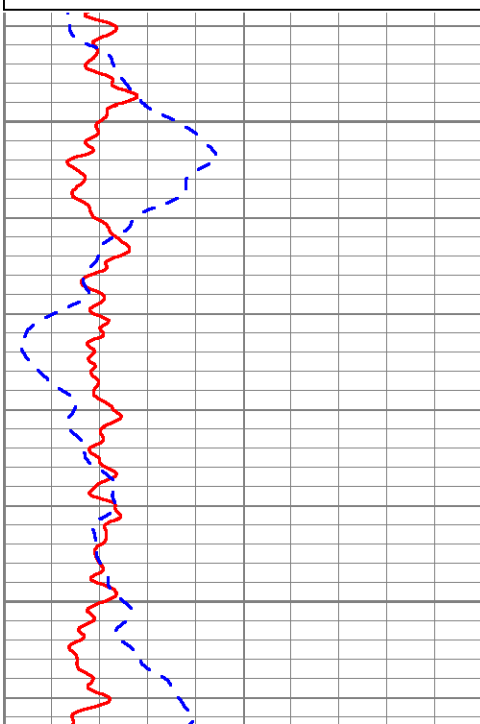
REPEAT PASS

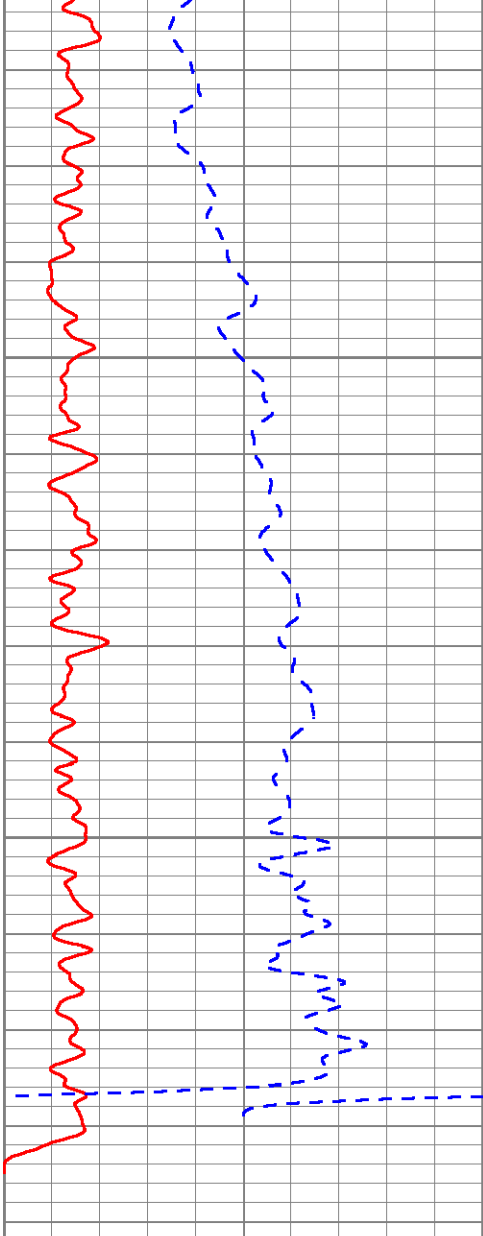
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

Database File: hiamw1.db
 Dataset Pathname: run5/pass4
 Presentation Format: dil
 Dataset Creation: Sun Apr 11 19:13:14 2010 by Log Open-Cased 090629
 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

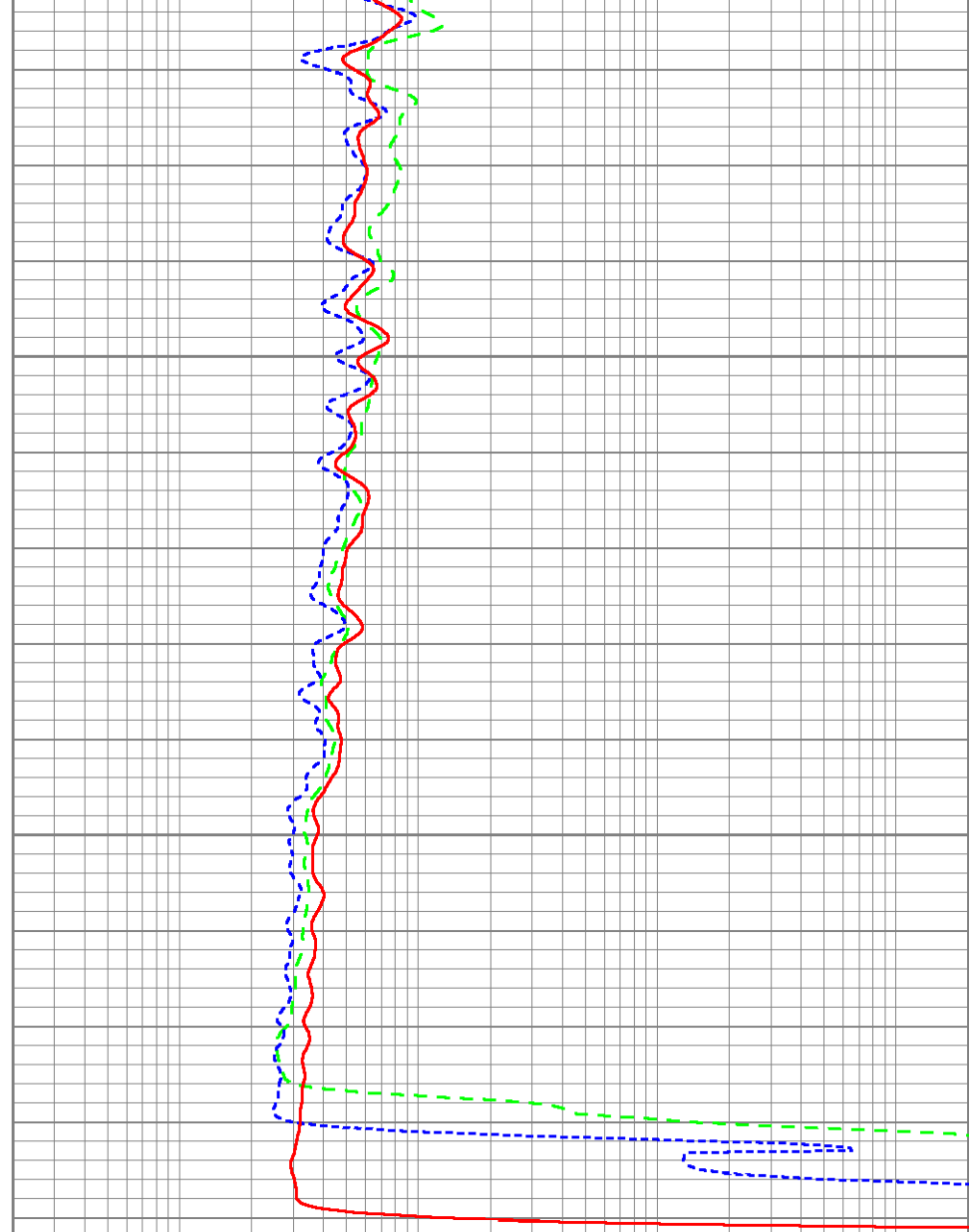




1850

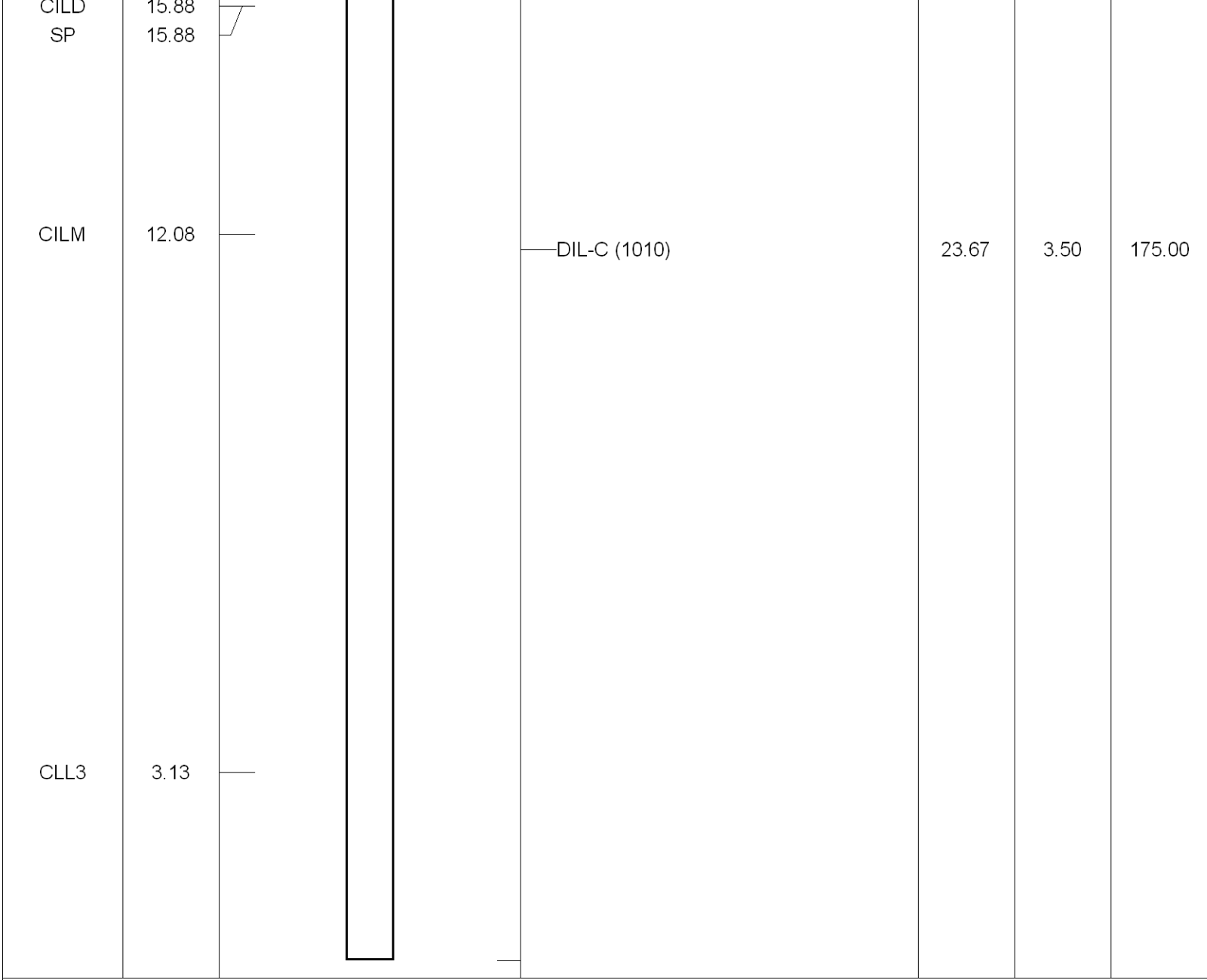
1900

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)



Dataset: hiamw1.db: field/well/run5/pass5
 Total Length: 23.67 ft
 Total Weight: 175.00 lb
 O.D.: 3.50 in

Calibration Report

Database File: hiamw1.db
 Dataset Pathname: run5/pass5
 Dataset Creation: Sun Apr 11 19:23:10 2010 by Log Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: 1010-C
 Surface Cal Performed: Tue Jan 26 15:11:57 2010
 Downhole Cal Performed: Sun Apr 11 18:54:58 2010
 After Survey Verification Performed: Sun Apr 11 19:16:50 2010

Surface Calibration

Loop:	Readings			References		mmho/m	Results	
	Air	Loop		Air	Loop		m	b
Deep	-0.008	0.637	V	0.000	400.000		620.465	5.010
Medium	0.012	0.600	V	0.000	400.000		670.184	2.700

Medium	0.013	0.696	V	0.000	464.000	mmho/m	679.184	-8.788
Internal:	<u>Zero</u>	<u>Cal</u>		<u>Zero</u>	<u>Cal</u>		<u>m</u>	<u>b</u>
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:	<u>Zero</u>	<u>Cal</u>		<u>Zero</u>	<u>Cal</u>		<u>m</u>	<u>b</u>
Deep	9.218	404.207	mmho/m	10.422	408.021	mmho/m	1.007	1.143
Medium	-7.325	475.993	mmho/m	-4.510	475.835	mmho/m	0.994	2.770
Shallow	0.027	0.392		3.000	88.900	mmho/m	235.254	-3.309

After Survey Verification

	Readings			Targets			Results	
Internal:	<u>Zero</u>	<u>Cal</u>		<u>Zero</u>	<u>Cal</u>		<u>m'</u>	<u>b'</u>
Deep	9.047	404.794	mmho/m	9.218	404.207	mmho/m	1.007	1.143
Medium	-5.762	472.660	mmho/m	-7.325	475.993	mmho/m	0.994	2.770
Shallow	3.561	89.278	mmho/m	3.000	88.900	mmho/m	1.002	-0.569



**YOUNGQUIST
BROTHERS, Inc**
GEOPHYSICAL LOGGING DIVISION

**FLUID CONDUCTIVITY
TEMPERATURE
LOG**

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE State FL

Location: API # :
SEC TWP RGE
Permanent Datum Elevation
Log Measured From
Drilling Measured From
Other Services
SEE
COMMENTS
Elevation
K.B.
D.F.
G.L.

Date	11-APRIL-2010			
Run Number	FIVE			
Depth Driller	1940'			
Depth Logger	1940'			
Bottom Logged Interval	1940'			
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	1730			
Time Logger on Bottom	1800			
Equipment Number	103			
Location	FT MYERS			
Recorded By	CATHEY			
Witnessed By	D. LEGGETT			
Borehole Record		Borehole Record		
Run Number	Bit	From	To	Run No
ONE	40.5"	SURFACE	157'	
TWO	28.5"	CASING	1076'	
THREE	12.25"	CASING	1940'	
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375" W.T.	SURFACE	156'
Prot. String	20"	.375 W.T.	SURFACE	1076'
Production String				
Liner				

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

OTHER SERVICES:

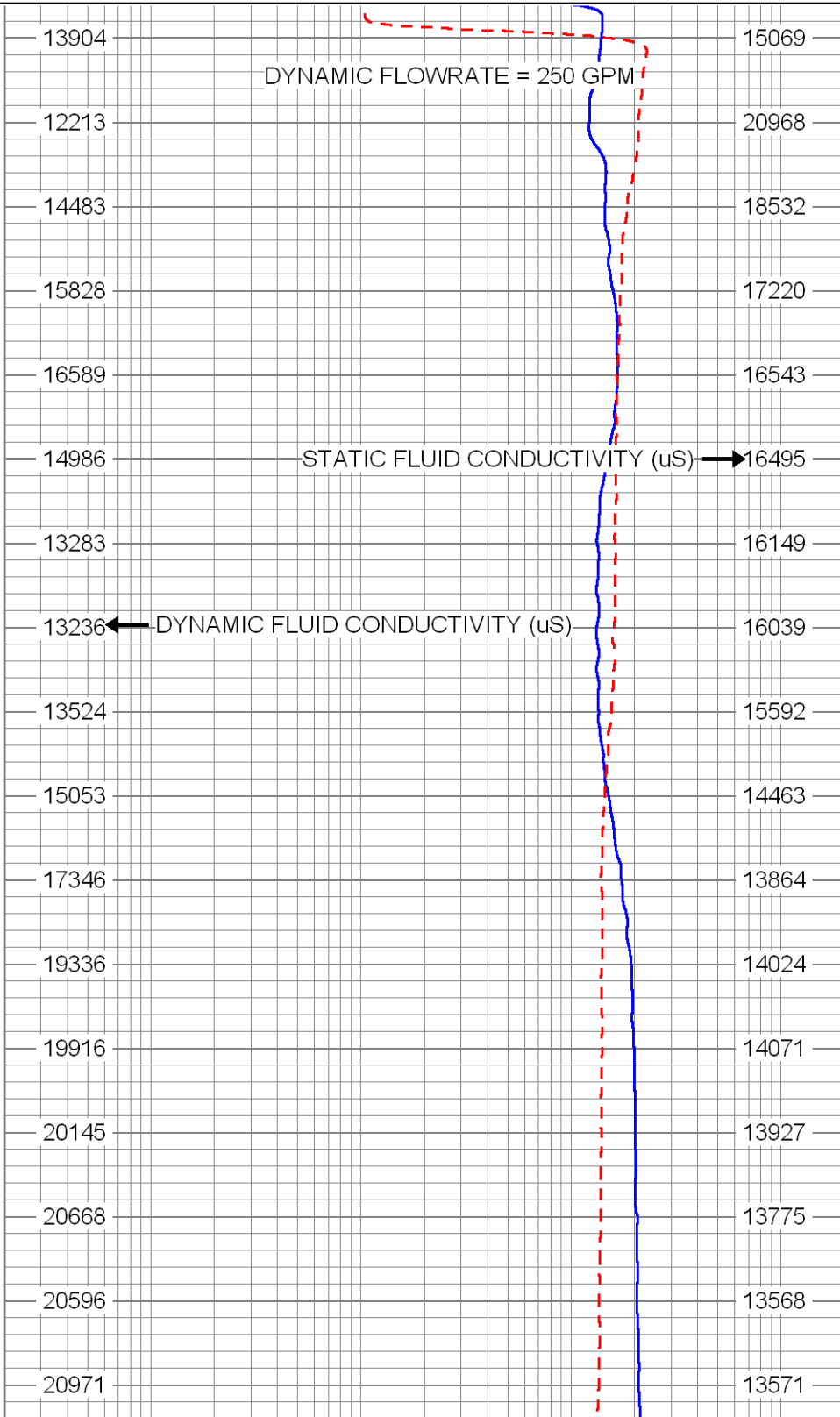
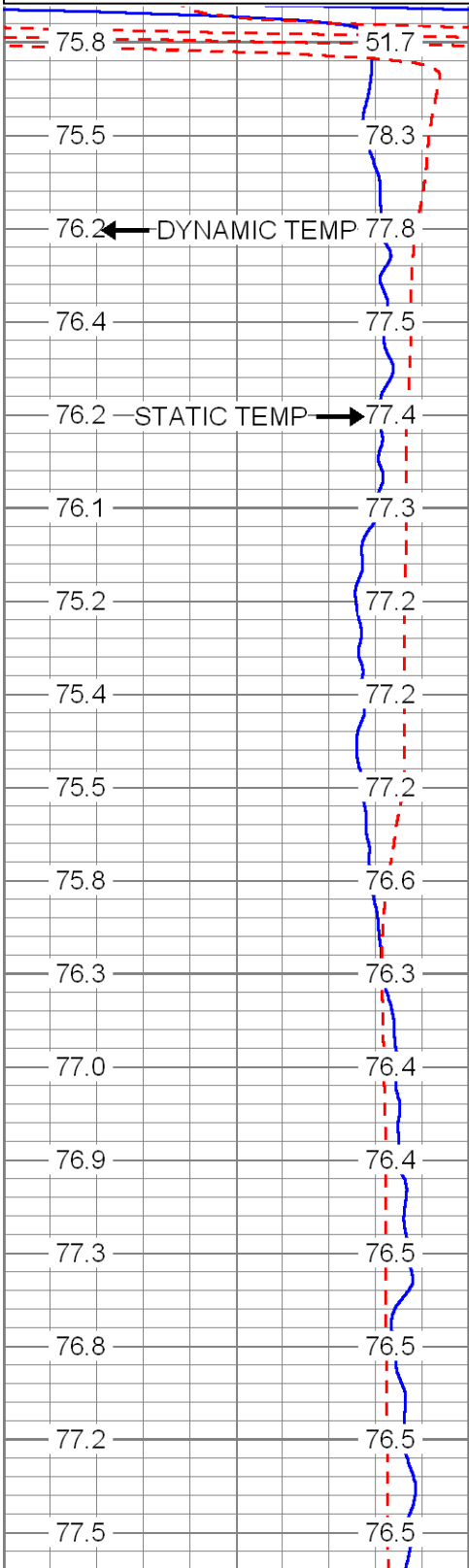
X-Y CALIPER / GAMMA RAY
SONIC
BOREHOLE TELEVIEWER
FLUID CONDUCTIVITY / TEMP
DUAL INDUCTION

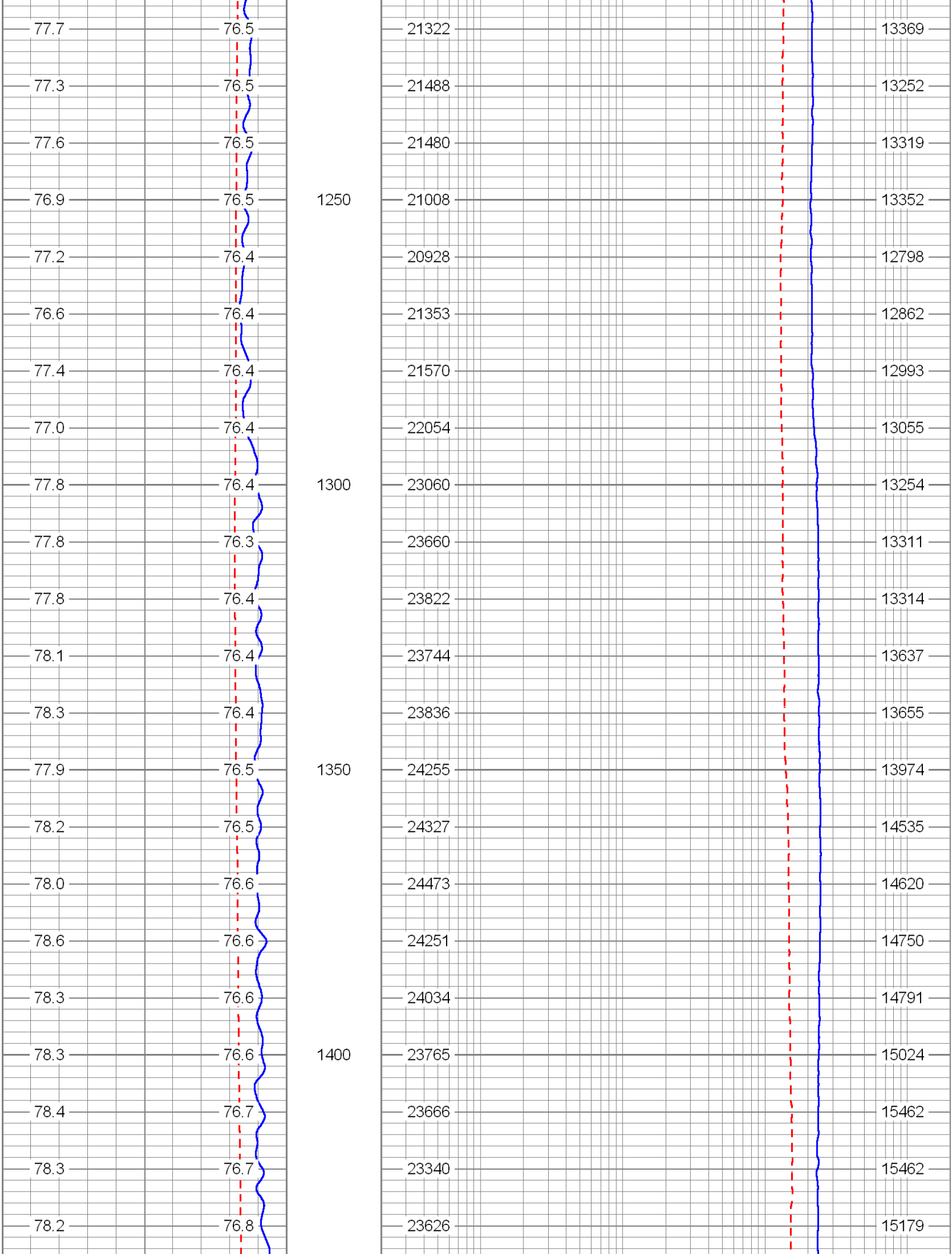
DYNAMIC FLOWRATE = 250 GPM

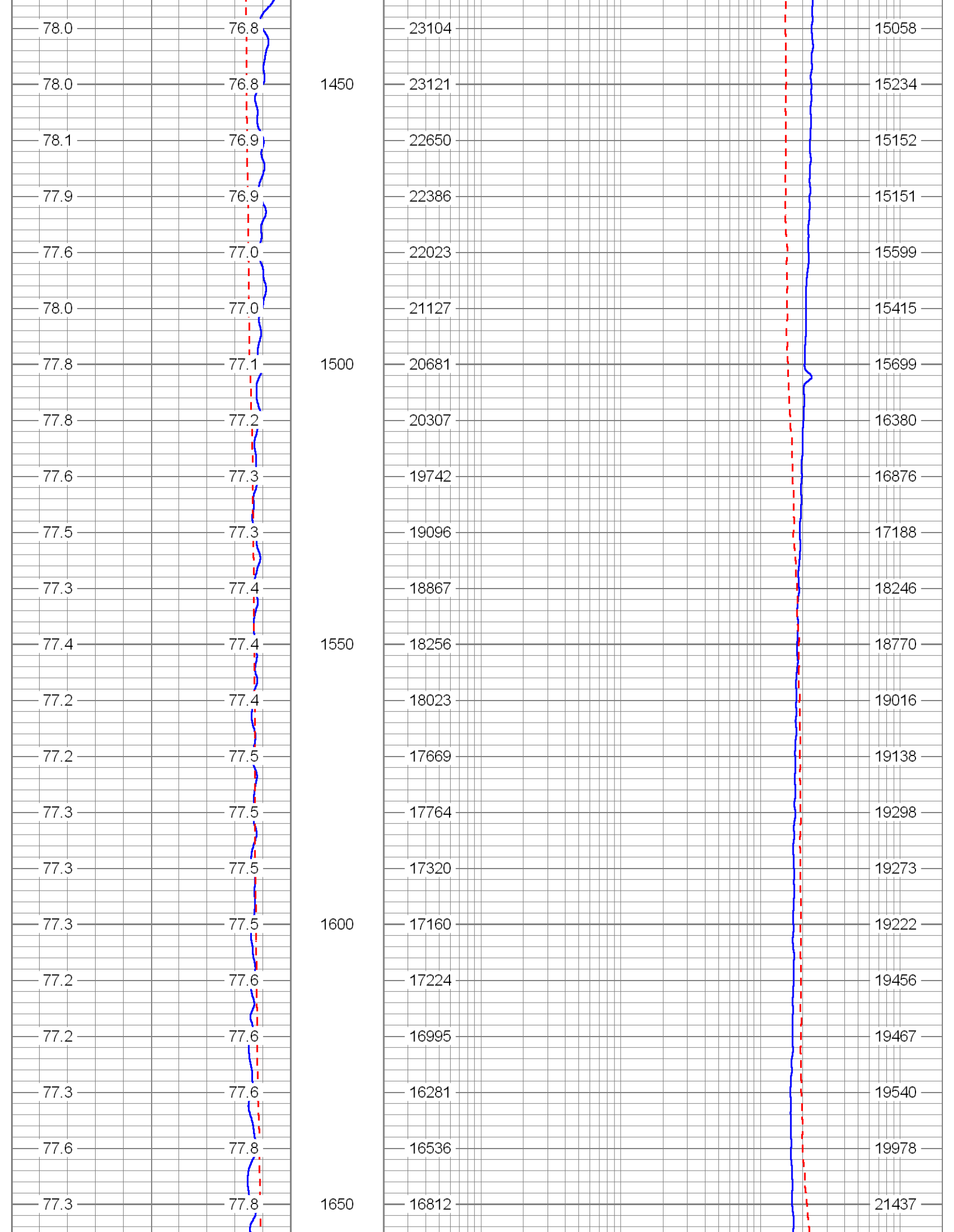
Database File: hiamw1.db
 Dataset Pathname: run5/pass11
 Presentation Format: fit_mg
 Dataset Creation: Mon Apr 12 01:56:08 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

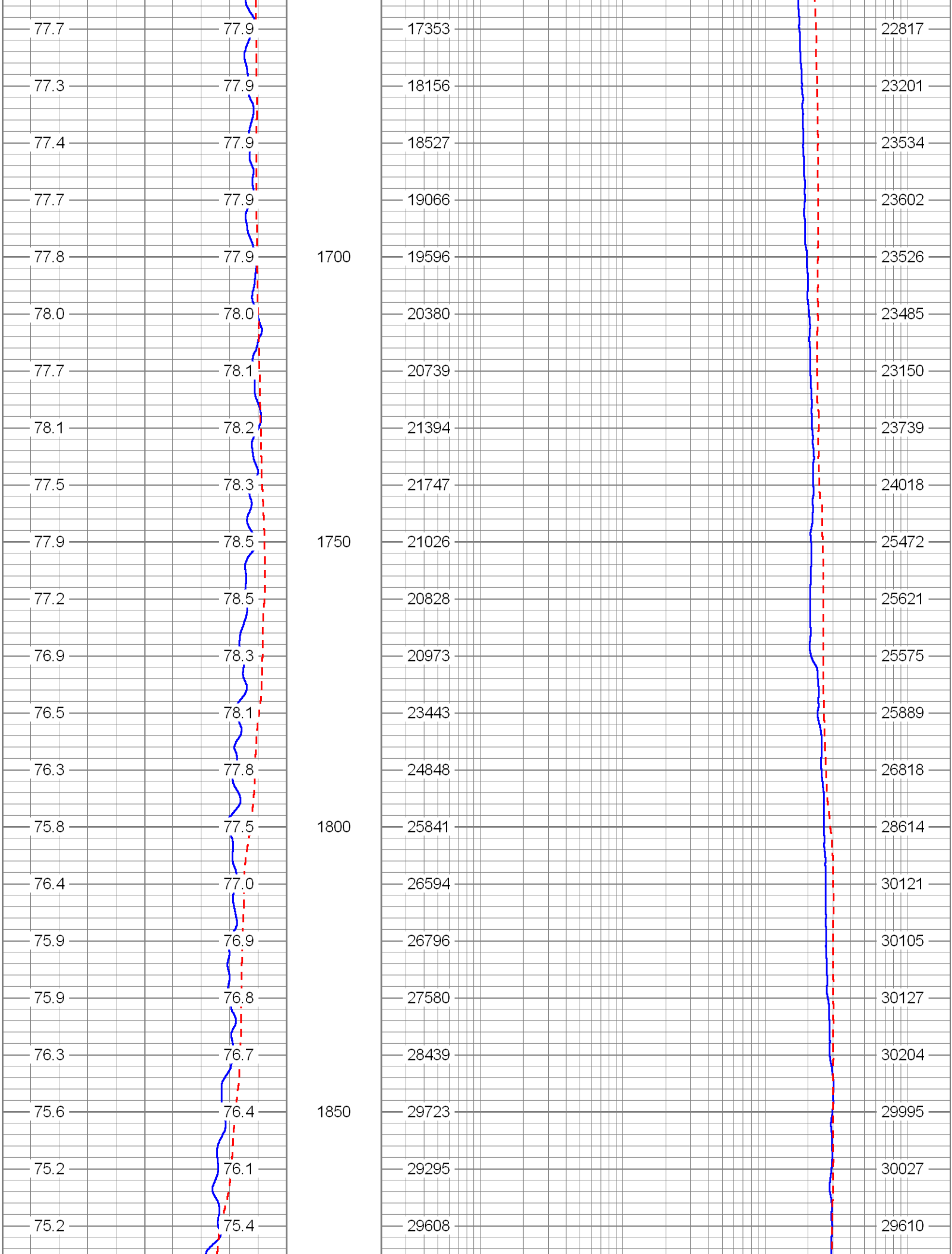
60	DYNAMIC TEMP (degF)	80
60	STATIC TEMP (degF)	80
DYNAMIC TEMP (degF)		STATIC TEMP (degF)

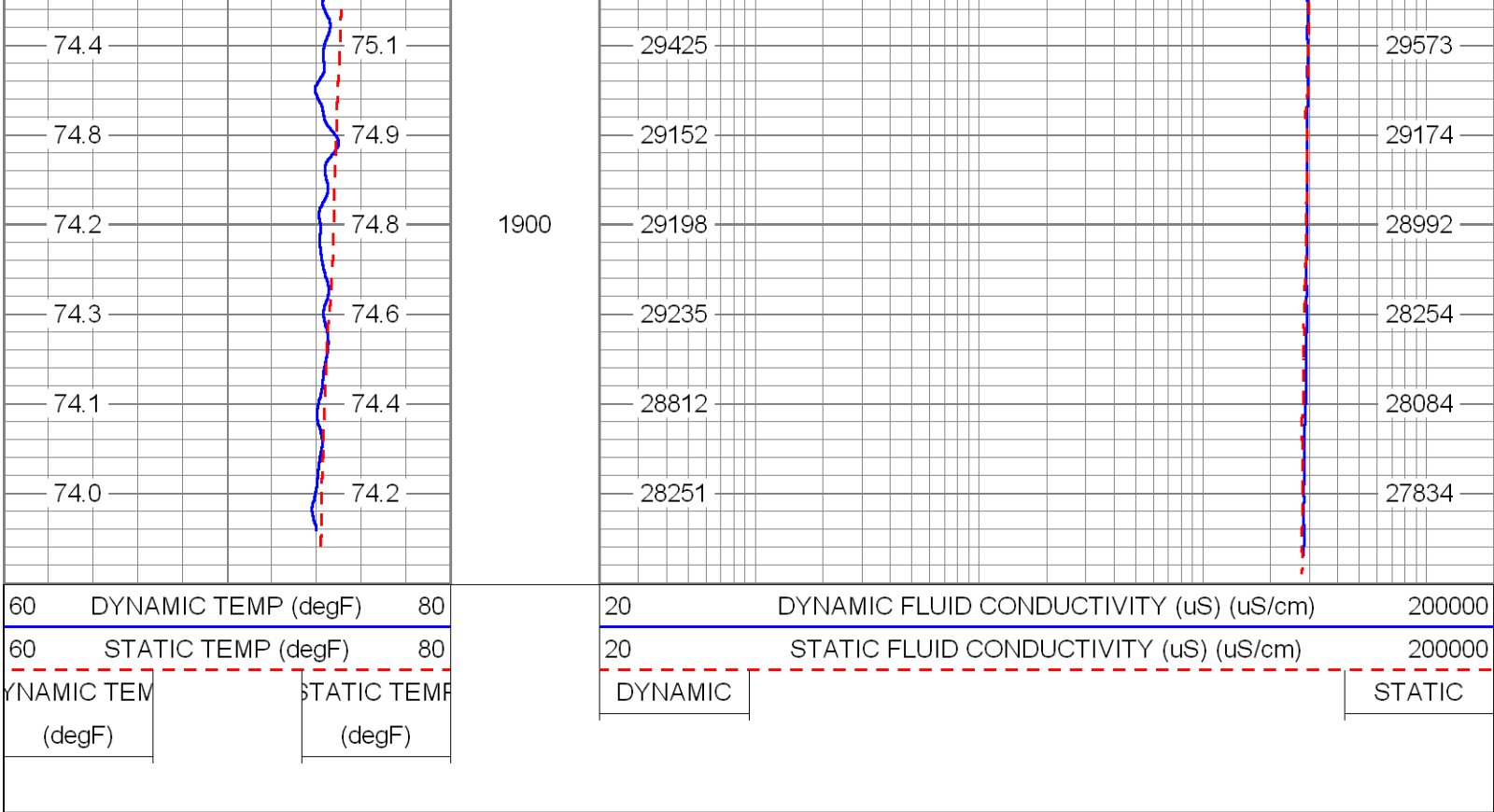
20	DYNAMIC FLUID CONDUCTIVITY (uS) (uS/cm)	200000
20	STATIC FLUID CONDUCTIVITY (uS) (uS/cm)	200000
DYNAMIC		STATIC











Calibration Report

Database File: hiamw1.db
 Dataset Pathname: run5/pass1
 Dataset Creation: Sun Apr 11 17:36:43 2010 by Log Open-Cased 090629

FRT Calibration Report

Serial Number: 31
 Tool Model: SONDEX
 Performed: Fri Feb 19 14:30:36 2010

Point #	Reading		Reference	
1	0.731	cps	1100.000	uS/cm
2	116.541	cps	10000.000	uS/cm
3	401.744	cps	25000.000	uS/cm
4	1152.340	cps	50000.000	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

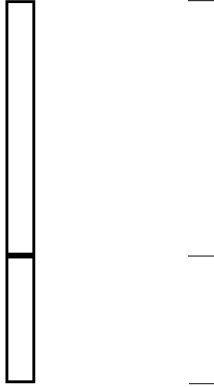
Serial Number: 31
 Tool Model: SONDEX
 Performed: Fri Feb 19 14:24:21 2010

Point #	Reading		Reference	
1	119.10	cps	34.00	degF
2	334.81	cps	82.00	degF
3	698.66	cps	158.00	degF
4		cps		degF
5		cps		degF
6		cps		degF

7
8
9
10

cps
cps
cps
cps

degF
degF
degF
degF

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	0.70		TEMP-SONDEX (31)	1.20	1.63	10.00
FRES	0.50		FRT-SONDEX (31)	0.60	1.69	10.00
		Dataset:	hiamw1.db: field/well/run5/pass1			
		Total Length:	1.80 ft			
		Total Weight:	20.00 lb			
		O.D.	1.69 in			



**YOUNGQUIST
BROTHERS, Inc**
GEOPHYSICAL LOGGING DIVISION

**FLOWMETER
LOG**

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE State FL

Company CITY OF HIALEAH
Well MW-1
Field HIALEAH R.O.W.T.P.
County DADE
State FL

Location: API # :
SEC TWP RGE
Permanent Datum Elevation
Log Measured From
Drilling Measured From
Other Services
SEE
COMMENTS
Elevation
K.B.
D.F.
G.L.

Date	11-APRIL-2010		
Run Number	FIVE		
Depth Driller	1940'		
Depth Logger	1940'		
Bottom Logged Interval	1940'		
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	1730		
Time Logger on Bottom	1800		
Equipment Number	103		
Location	FT MYERS		
Recorded By	CATHEY		
Witnessed By	D. LEGGETT		
Borehole Record		Borehole Record	
Run Number	Bit	From	To
ONE	40.5"	SURFACE	157'
TWO	28.5"	CASING	1076'
THREE	12.25"	CASING	1940'
Casing Record	Size	Wgt/Ft	Bottom
Surface String	30"	.375" W.T.	156'
Prot. String	20"	.375 W.T.	1076'
Production String			
Liner			

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

OTHER SERVICES:

X-Y CALIPER / GAMMA RAY
SONIC
BOREHOLE TELEVIEWER
FLUID CONDUCTIVITY / TEMP
DUAL INDUCTION

DYNAMIC FLOWRATE = 250 GPM

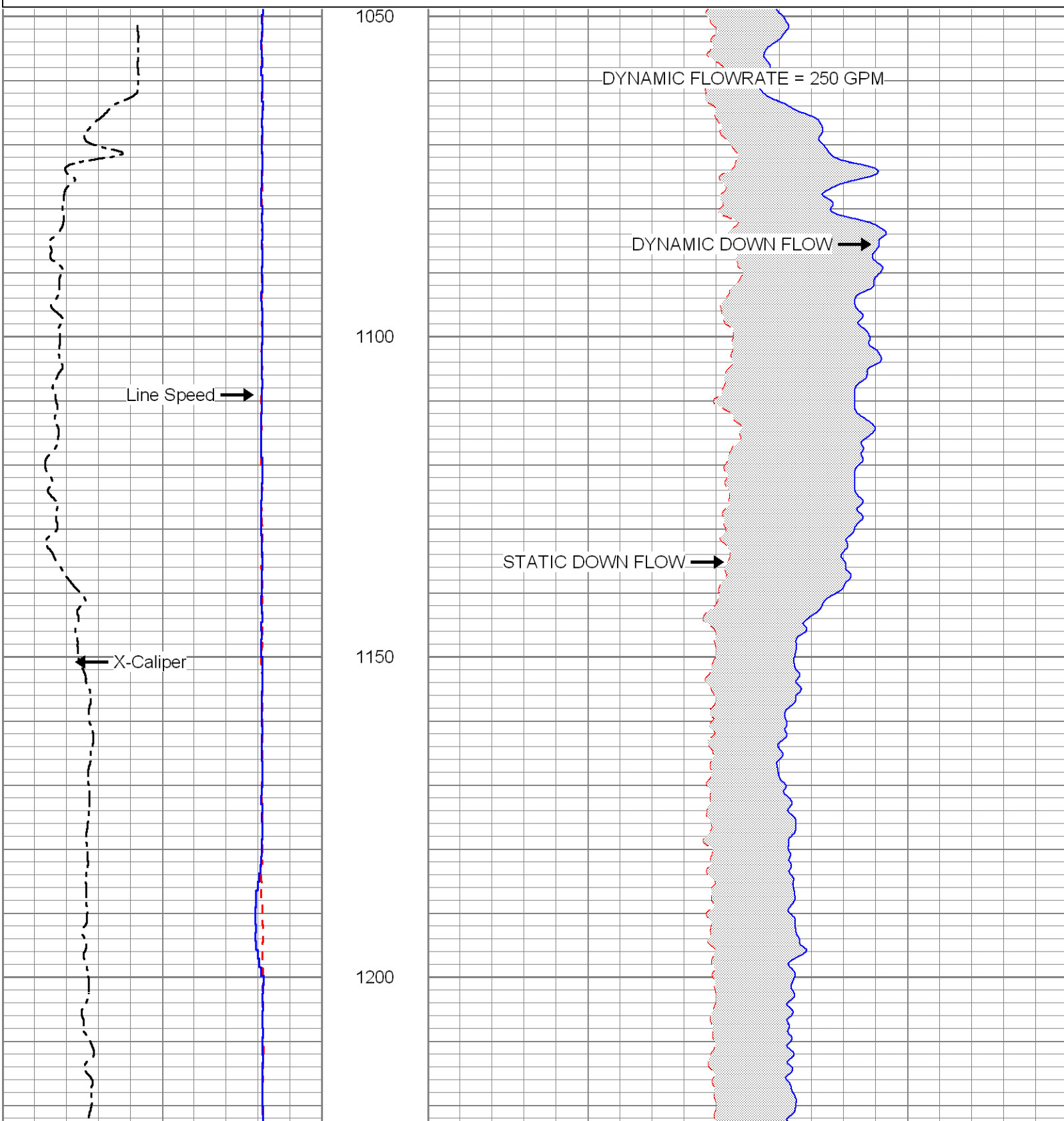


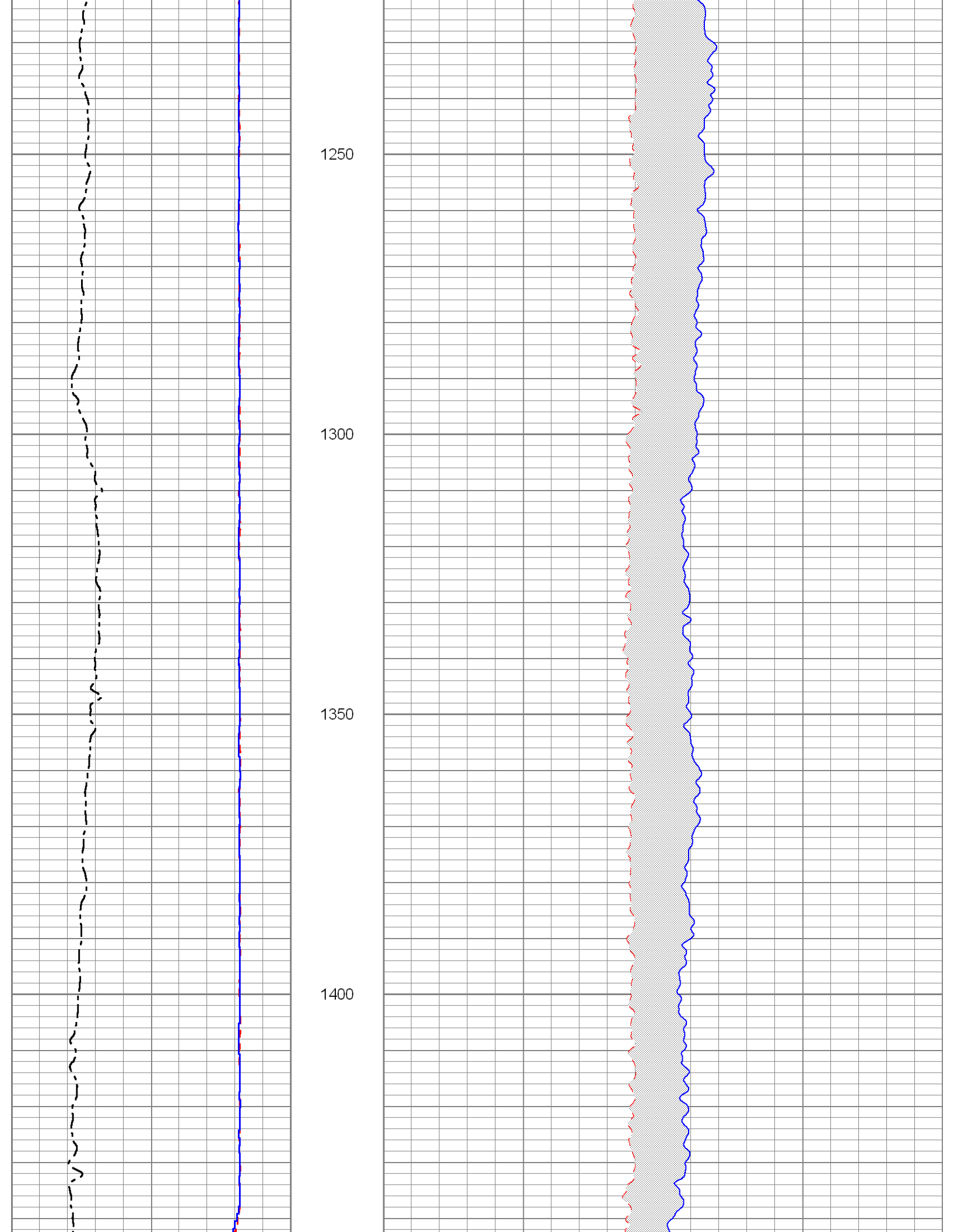
MERGED FLOWMETER

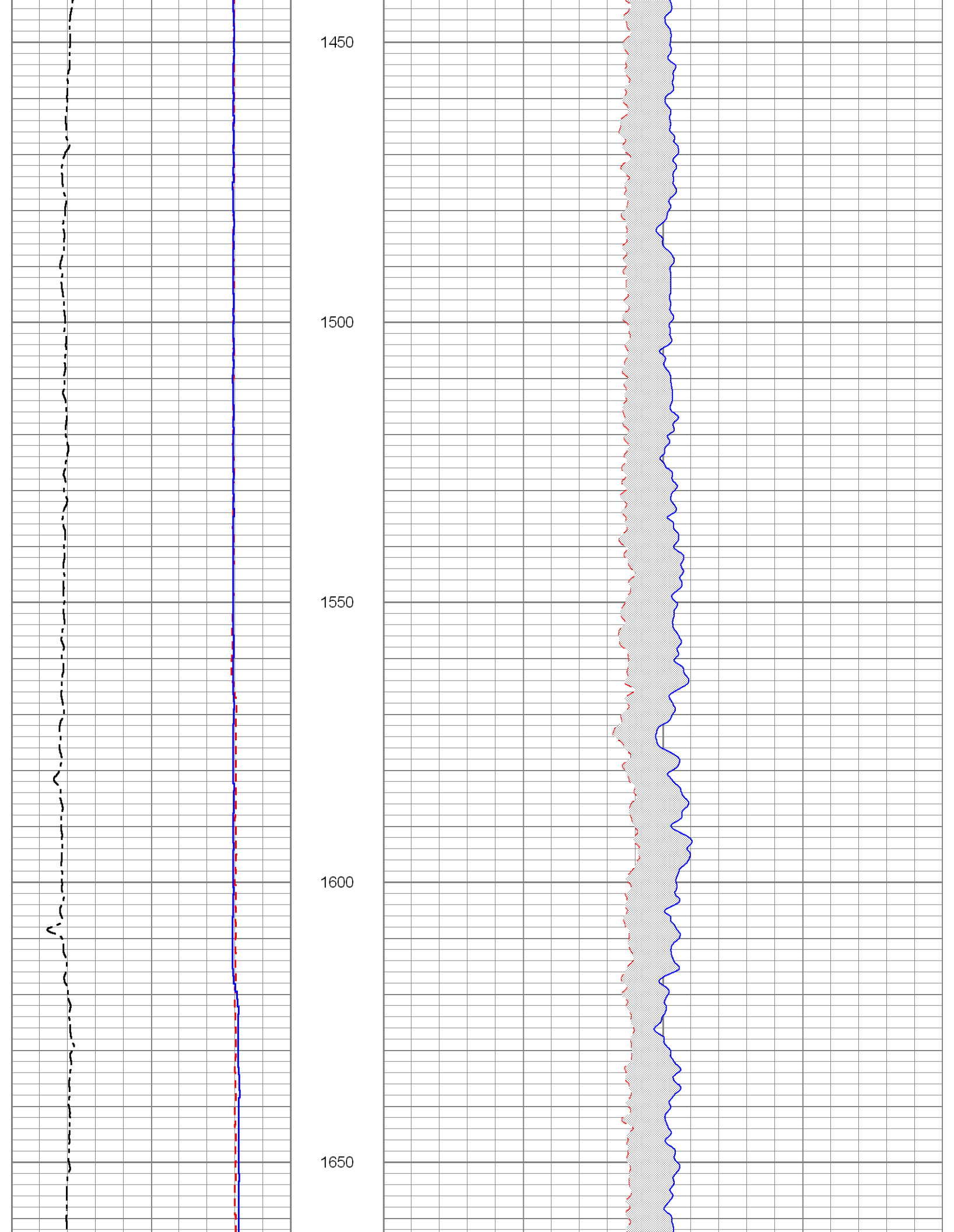
Database File: hiamw1.db
 Dataset Pathname: run5/pass10
 Presentation Format: fm_dnmg
 Dataset Creation: Mon Apr 12 01:12:12 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

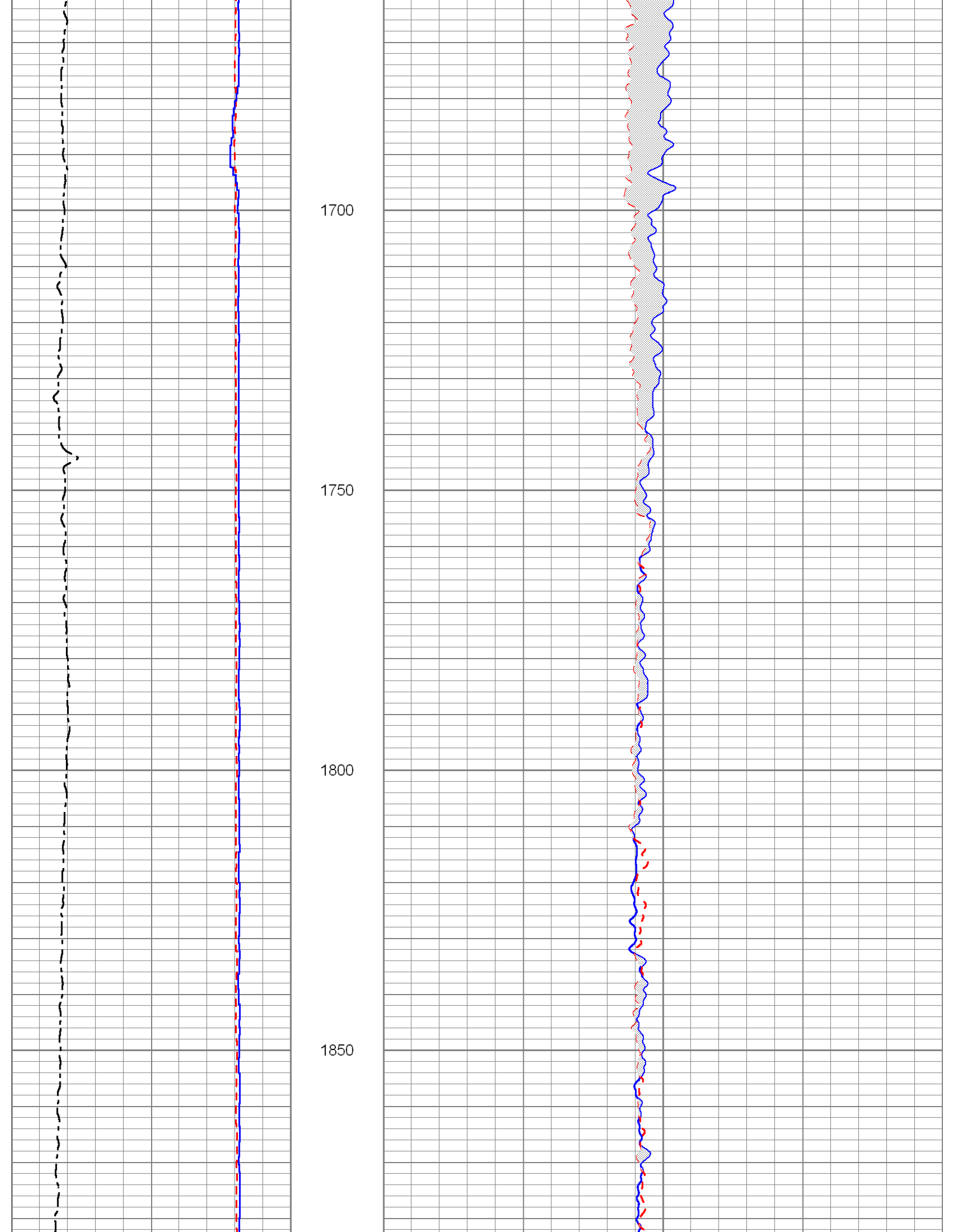
0	L.S. STATIC DOWN (ft/min)	100
0	L.S. DYNAMIC DOWN (ft/min)	100
10	XCAL (in)	30

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







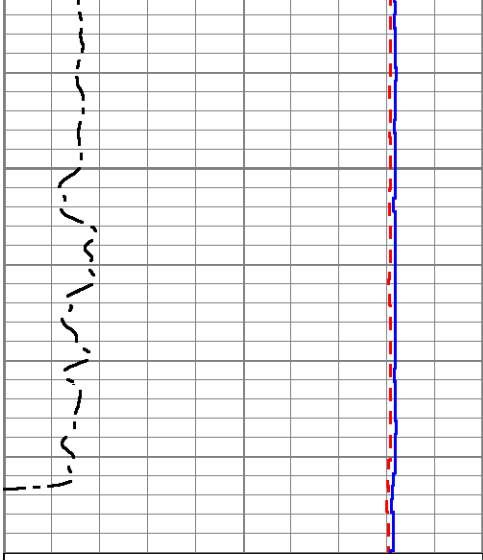


1700

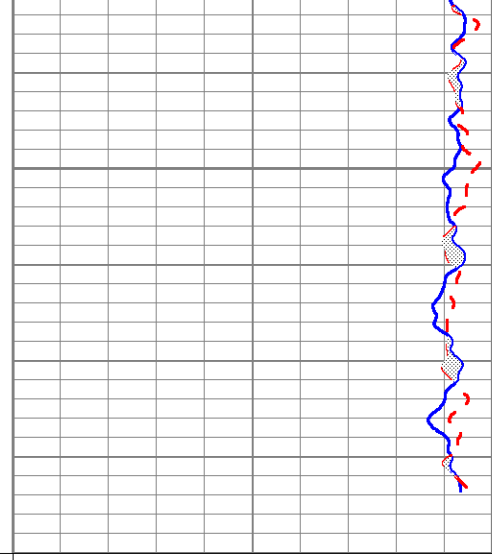
1750

1800

1850



1900



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

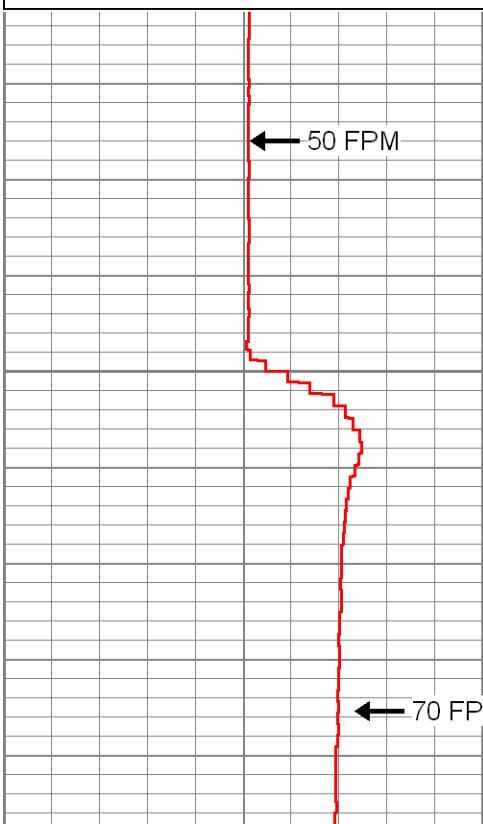


FLOW CALS 50,70,90 FPM

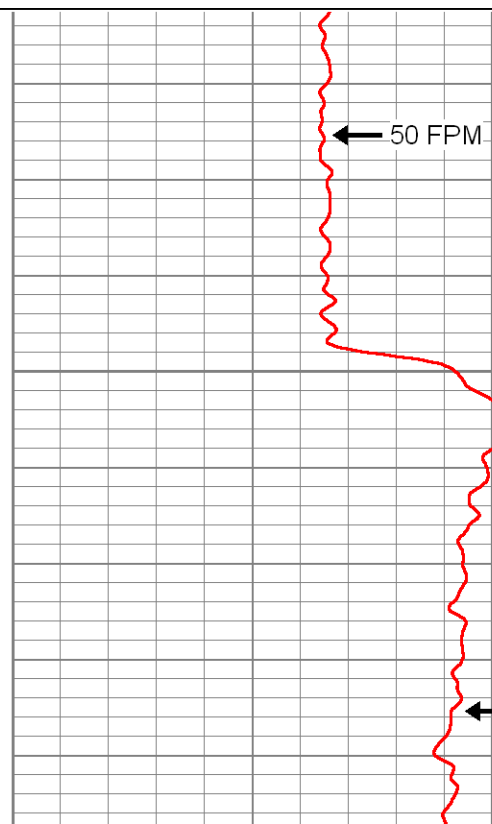
Database File: hiamw1.db
 Dataset Pathname: run5/pass9
 Presentation Format: flowcals
 Dataset Creation: Mon Apr 12 00:57:57 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

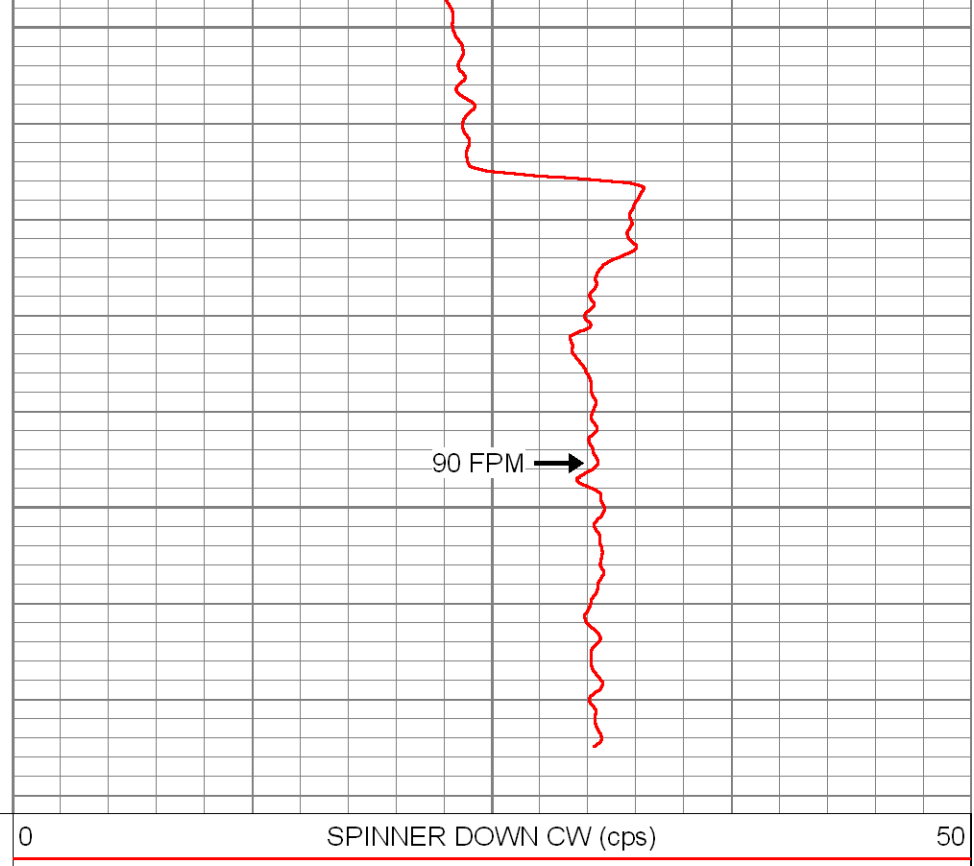
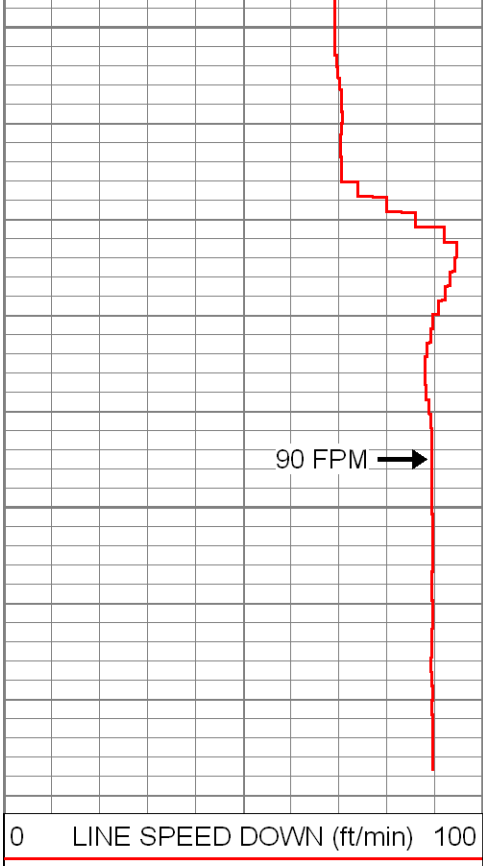
0 LINE SPEED DOWN (ft/min) 100

0 SPINNER DOWN CW (cps) 50



1750





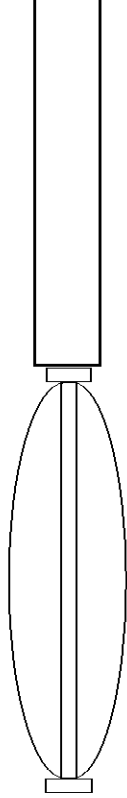
0 LINE SPEED DOWN (ft/min) 100

0 SPINNER DOWN CW (cps) 50

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

FLOWP
FLOWN

3.75
3.75



FLOW-LARGE (65)

3.13

3.75

20.00

SHRT

3.25

2.00

30.00

Dataset: hiamw1.db: field/well/run5/pass9
Total Length: 14.38 ft
Total Weight: 120.00 lb
O.D. 3.75 in

Company	CITY OF HIALEAH	SEC	TMP	RGE	Elevation	COMMENTS
Well	HIALEAH R.O.W.T.P.	Permanent Datum				
Field	HIALEAH R.O.W.T.P.	Log Measured From				
County	DADE	Drilling Measured From				
State	FL	Date	24-APRIL-2010			
Location:		Run Number	2007			
API #:		Depth Order	2007			
Other Services		Bottom Log Interval	2007			
SEE		Top Log Interval	2007			
Well	MW-1	Type Fluid	WATER			
Field	HIALEAH R.O.W.T.P.	Open Hole Size	11"			
County	DADE	Estimated Cement Top	NA			
State	FL	Time Well Ready	0042			
Location:		Equipment Number	FT 103			
API #:		Run Number	405			
Other Services		Run Date	10/6			
SEE		Run Time	18:07			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE		Run To	2300			
Well	MW-1	Run Bit	TI			
Field	HIALEAH R.O.W.T.P.	Run From	TO			
County	DADE	Run To	2300			
State	FL	Run Bit	TI			
Location:		Run From	TO			
API #:		Run To	2300			
Other Services		Run Bit	TI			
SEE		Run From	TO			
Well	MW-1	Run To	2300			
Field	HIALEAH R.O.W.T.P.	Run Bit	TI			
County	DADE	Run From	TO			
State	FL	Run To	2300			
Location:		Run Bit	TI			
API #:		Run From	TO			
Other Services		Run To	2300			
SEE		Run Bit	TI			
Well	MW-1	Run From	TO			
Field	HIALEAH R.O.W.T.P.	Run To	2300			
County	DADE	Run Bit	TI			
State	FL	Run From	TO			
Location:		Run To	2300			
API #:		Run Bit	TI			
Other Services		Run From	TO			
SEE						

Company	CITY OF HIALEAH	Location		Other Services	
Well	MW-1	Field	HIALEAH R.O.W.T.P.	SEE COMMENTS	
County	DADE	County	DADE	Elevation	
State	FL	State	FL	Permanent Datum	
Date	24-APRIL-2010	Log Measured From		Drilling Measured From	
Run Number	EIGHT	Depth Driller	2260'		
Depth Logger	2260'	Bottom Logged Interval	2260'		
Open Hole Size	11"	Type Fluid	WATER		
Density / Viscosity	NA	Max. Recorded Temp.	NA		
Estimated Cement Top	NA	Time Well Ready	0042		
Equipment Number	103	Time Logger on Bottom	0042		
Location	FT MYERS FULLER	Recorded By	BARNES, D		
Witnessed By					

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

DUAL INDUCTION
 X-Y CALIPER/GAMMA RAY
 BOREHOLE TELEVIEWER
 BOREHOLE SONIC FLOW

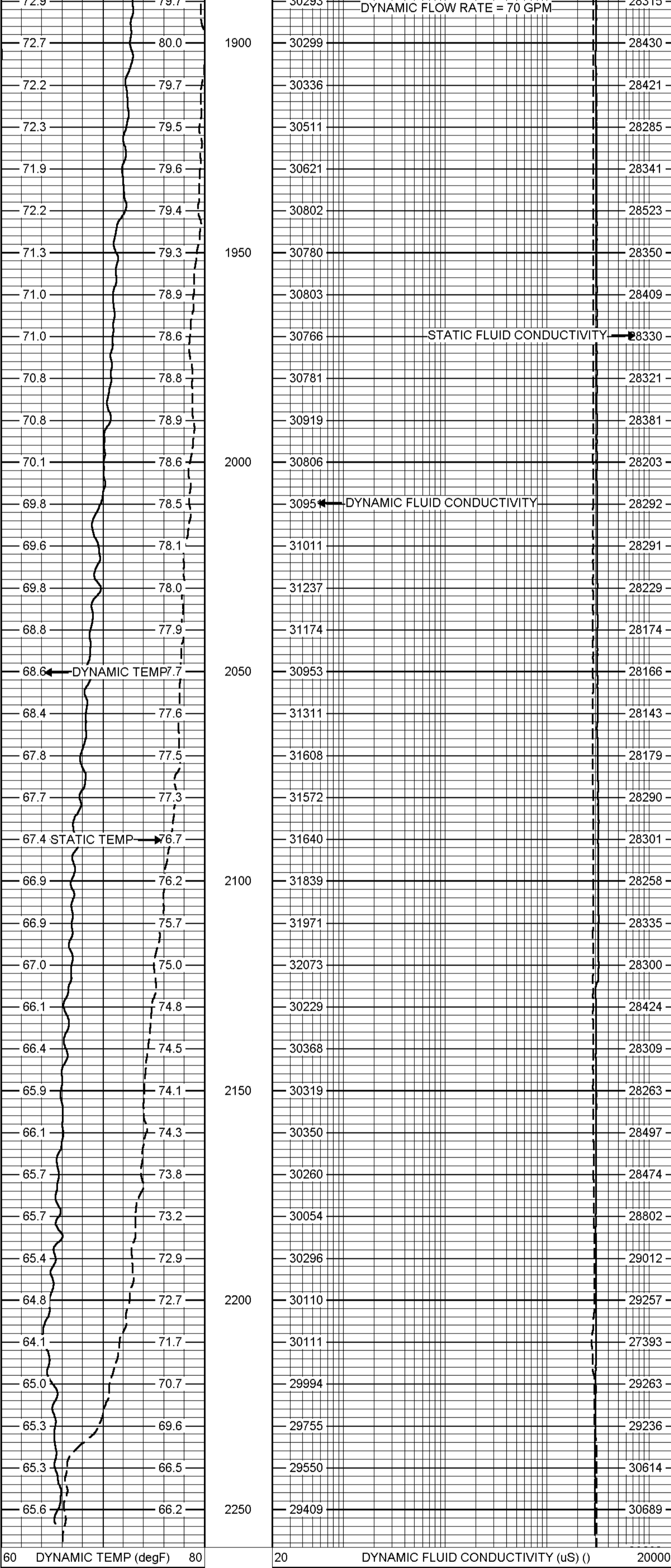
DYNAMIC FLOW RATE = 70 GPM

YOUNGQUIST BROTHERS, Inc
 GEOPHYSICAL LOGGING DIVISION

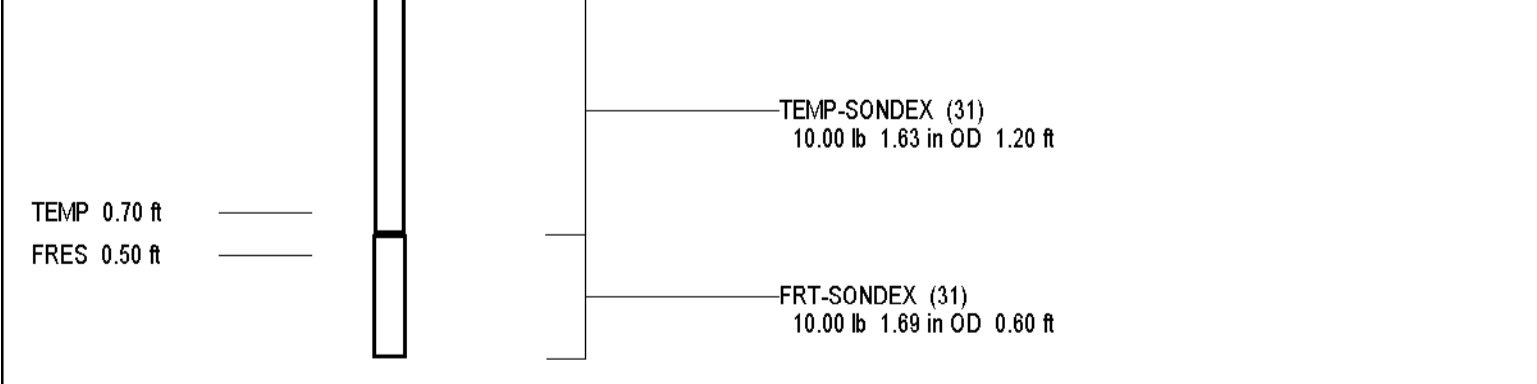
MERGED FCT

Database File: hiamw1.db
 Dataset Pathname: run8/pass16
 Presentation Format: FRT_MG
 Dataset Creation: Sat Apr 24 17:00:03 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

60	DYNAMIC TEMP (degF)	80	20	DYNAMIC FLUID CONDUCTIVITY (uS (l))	200000
60	STATIC TEMP (degF)	80	20	STATIC FLUID CONDUCTIVITY (uS (l))	200000



60	DYNAMIC TEMP (degF)	80	20	DYNAMIC FLUID CONDUCTIVITY (uS (l))	200000
60	STATIC TEMP (degF)	80	20	STATIC FLUID CONDUCTIVITY (uS (l))	200000



FRT Calibration Report

Serial Number:	31
Tool Model:	SONDEX
Performed:	Fri Feb 19 14:30:36 2010

Point #	Reading	Reference
1	0.731 cps	1100.000
2	116.541 cps	10000.000
3	401.744 cps	25000.000
4	1152.340 cps	50000.000
5		
6		

Temperature Calibration Report

Serial Number:	31
Tool Model:	SONDEX
Performed:	Fri Feb 19 14:24:21 2010

Point #	Reading	Reference
1	119.10 cps	34.00 degF
2	334.81 cps	82.00 degF
3	698.66 cps	158.00 degF

Company	CITY OF HIALEAH	SEC	TWP	RGE	Elevation	Other Services
Well	MW-1	Permanent Datum			Elevation	SEE COMMENTS
Field	HIALEAH R.O.W.T.P.	Log Measured From			K.B.	
County	DADE	Drilling Measured From			D.F.	
State	FL				GL	
Location:	API #:					
County	DADE					
State	FL					

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

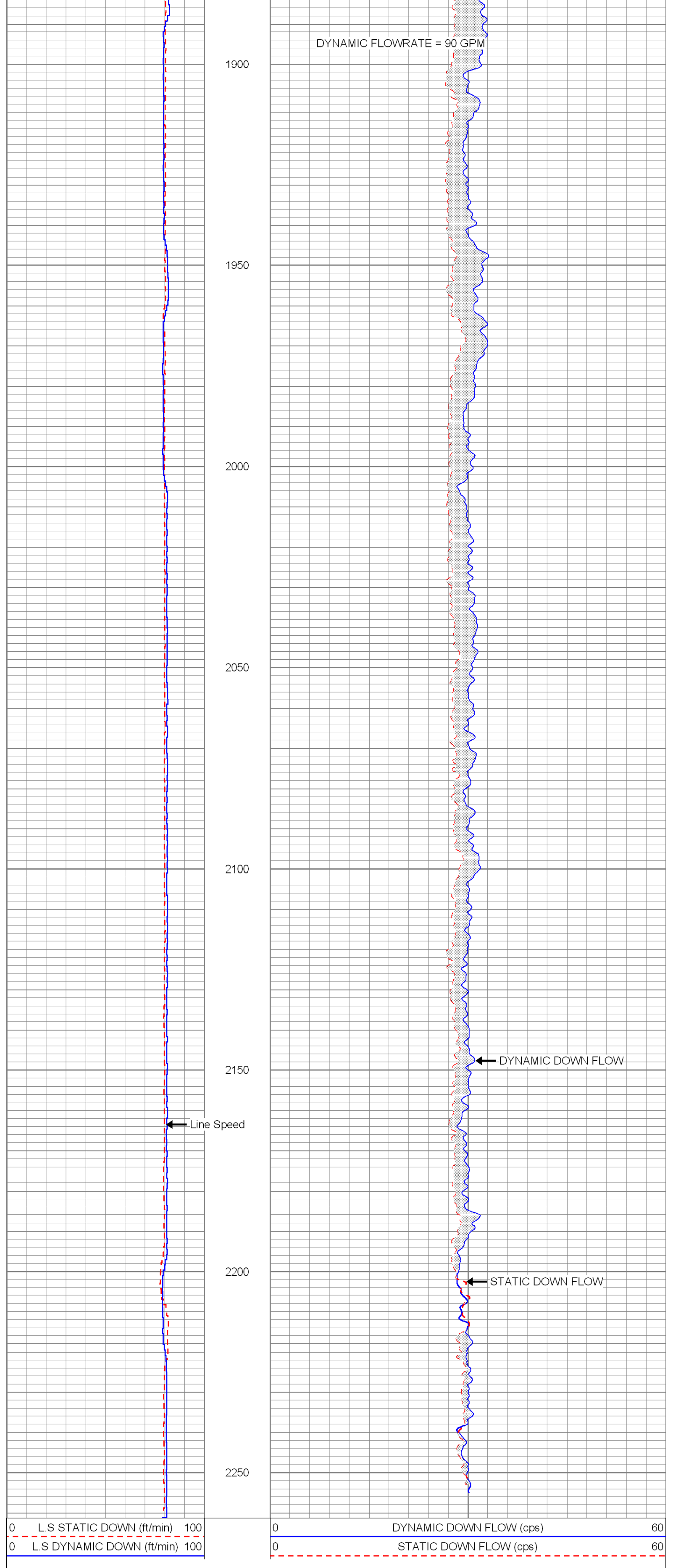
FLUID CONDUCTIVITY/TEMP
DUAL INDUCTION
X-Y CALIPER/GAMMA RAY
BOREHOLE TELEVIEWER
FLOW

DYNAMIC FLOWRATE = 90 GPM

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MERGED FLOWMETER

Database File: hiamw1.db
 Dataset Pathname: run8/pass15
 Presentation Format: fm_dmg
 Dataset Creation: Sat Apr 24 16:23:06 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

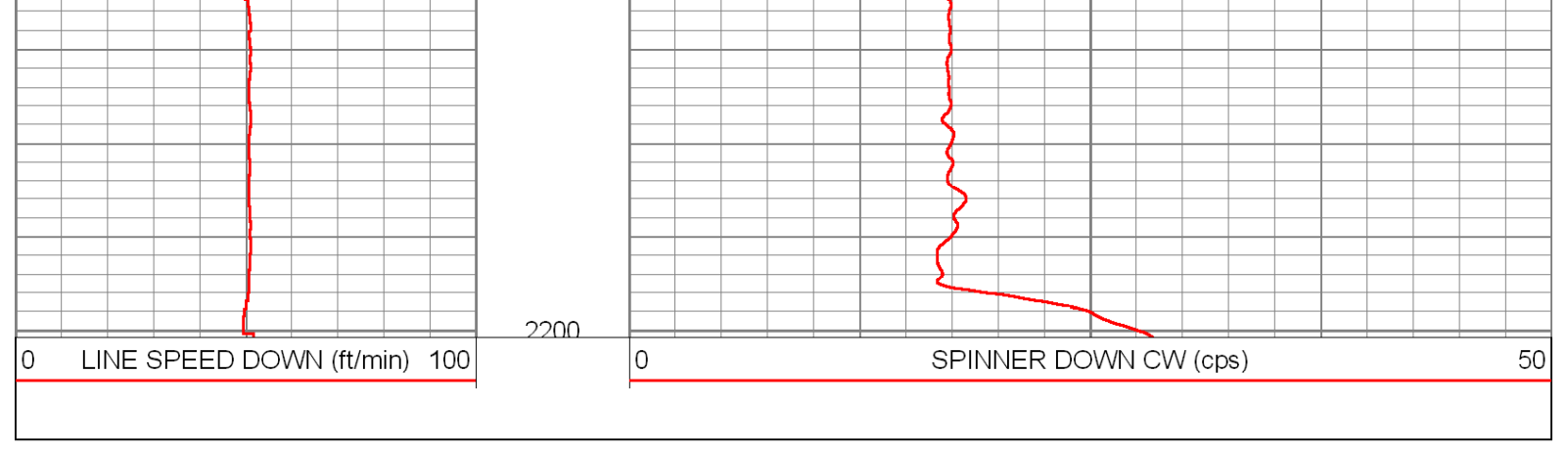


0 LINE SPEED DOWN (ft/min) 100
 0 DYNAMIC DOWN FLOW (cps) 60
 0 LINE SPEED DOWN (ft/min) 100
 0 STATIC DOWN FLOW (cps) 60

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

50 FPM

Database File: hiamw1.db
 Dataset Pathname: run8/pass11
 Presentation Format: flowcals
 Dataset Creation: Sat Apr 24 15:28:39 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

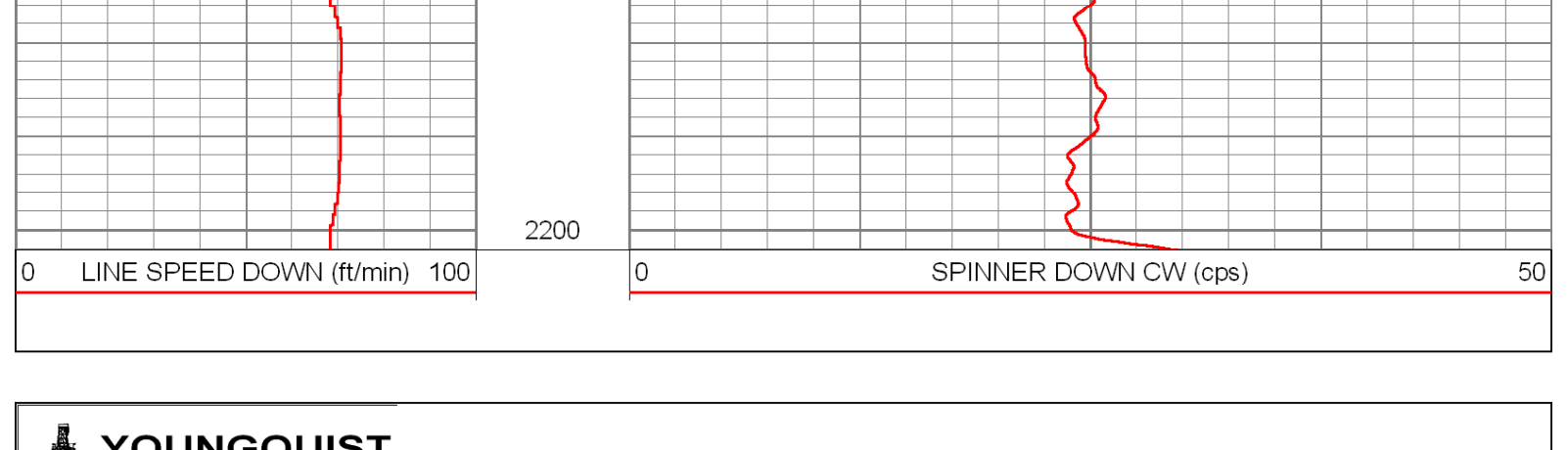


0 LINE SPEED DOWN (ft/min) 100
 0 SPINNER DOWN CW (cps) 50
 0 LINE SPEED DOWN (ft/min) 100
 0 SPINNER DOWN CW (cps) 50

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

70 FPM

Database File: hiamw1.db
 Dataset Pathname: run8/pass13
 Presentation Format: flowcals
 Dataset Creation: Sat Apr 24 15:36:49 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

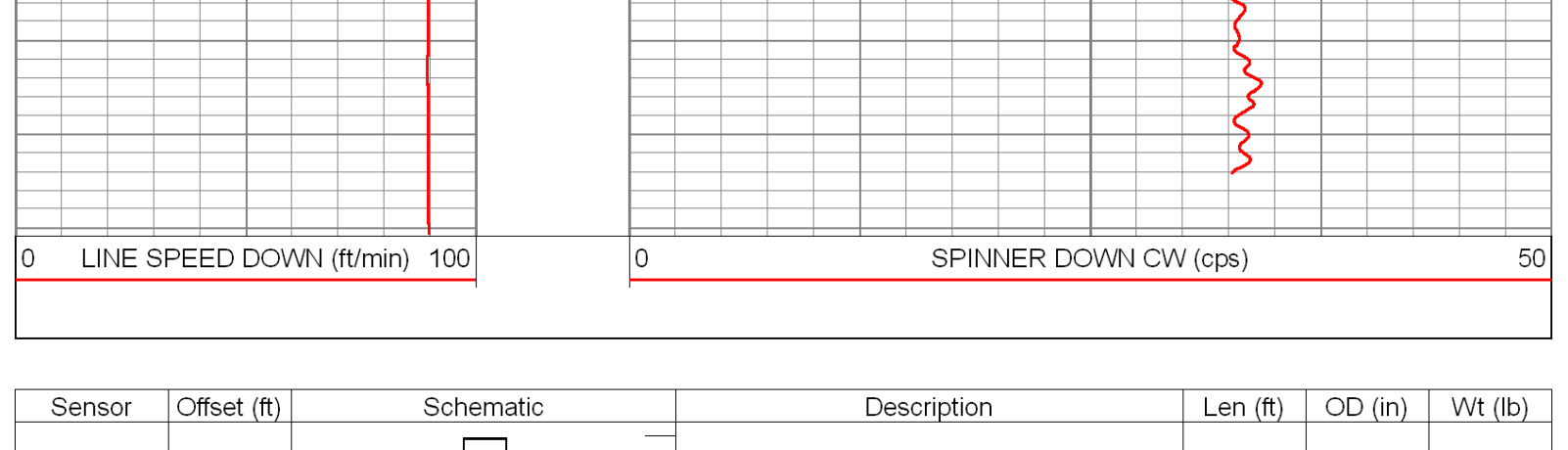


0 LINE SPEED DOWN (ft/min) 100
 0 SPINNER DOWN CW (cps) 50
 0 LINE SPEED DOWN (ft/min) 100
 0 SPINNER DOWN CW (cps) 50

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

90 FPM

Database File: hiamw1.db
 Dataset Pathname: run8/pass14
 Presentation Format: flowcals
 Dataset Creation: Sat Apr 24 15:39:46 2010 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



0 LINE SPEED DOWN (ft/min) 100
 0 SPINNER DOWN CW (cps) 50
 0 LINE SPEED DOWN (ft/min) 100
 0 SPINNER DOWN CW (cps) 50

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 FLOWN	3.75 3.75		SHRT	3.25	2.00	30.00

Dataset: hiamw1.db: field/well/run8/pass14
 Total Length: 14.38 ft
 Total Weight: 120.00 lb
 O.D.: 3.75 in