



Baker Atlas

HIGH DEFINITION INDUCTION LOGSM
GAMMA RAY LOG
CALIPER LOG

FILE NO:	COMPANY	SIERRA GEOTHERMAL POWER, INC.
API NO:	WELL	ALUM 25-29
27-009-90074	FIELD	ALUM
	COUNTY	ESMERALDA
	STATE	NEVADA
Ver. 3.87	LOCATION:	OTHER SERVICES
	2235.18' FSL & 938.11' FWL	ZDL/CN
	SW/C	XMAC
	SEC 29 TWP 1N RGE 38.SE	STAR/CBIL
PERMANENT DATUM	G.L.	ELEVATION
LOG MEASURED FROM	K.B.	16.0 FT ABOVE P.D.
DRILL MEAS. FROM	K.B.	
		ELEVATIONS:
		KB 4919.57 FT
		DF
		GL 4903.57 FT

DATE		15-NOV-2009			
RUN	TRIP	1	1		
SERVICE ORDER		575995			
DEPTH DRILLER		2300 FT			
DEPTH LOGGER		2299 FT			
BOTTOM LOGGED INTERVAL		2244 FT			
TOP LOGGED INTERVAL		0 FT			
CASING DRILLER		16.0 IN		⑤ 571 FT	④
CASING LOGGER		571 FT			
BIT SIZE		14.75 IN			
TYPE OF FLUID IN HOLE		LSND			
DENSITY	VISCOSITY	9.0 LB/G	54 S		
PH	FLUID LOSS	9.0	10.0 C3		
SOURCE OF SAMPLE		FLOWLINE			
RM AT MEAS. TEMP.		2.53 OHMM	⑥ 61 DEGF		④
RMF AT MEAS. TEMP.		2.36 OHMM	⑥ 60 DEGF		④
RMC AT MEAS. TEMP.		2.68 OHMM	⑥ 63 DEGF		④
SOURCE OF RMF	RMC	MEASURED	MEASURED		
RM AT BHT		1.08 OHMM	⑥ 152 DEGF		④
TIME SINCE CIRCULATION		3.5 HOURS			
MAX. RECORDED TEMP.		152 DEGF			
EQUIP. NO.	LOCATION	ML-4232	FALLON, NV		
RECORDED BY		VERCIJAK			
WITNESSED BY		JERRY HAMBLIN			

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

REMARKS

RUN 1 TRIP 1 : CVOL COMPUTED USING 10.75" CASING (BVOL, CVOL UNITS IN CUBIC FEET)
CALIPER VERIFIED IN CASING

10" RESISTIVITY BEING AFFECTED BY BOREHOLE SIZE, ESPECIALLY IN HIGH RESISTIVITY ZONES.

THANKS FOR USING BAKER ATLAS
CREW: LAPOINT / HAYCOCK
RIG: ENSIGN 561

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	SWL	3944XD	10201370	FREE
1	1	TTRM	3981XB	10203010	FREE
1	1	WTS	3514XB	10200359	FREE
1	1	GR	1329XB	10203000	DECENT
1	1	CN	2446XA	179981	DECENT
1	1	ZDL	2234XA	10334913	PAD DEVICE
1	1	KNCKL	3939XA	10143909	FREE

1	1	HDIL	1515EA / MA	10069826 / 10069832	S/D
1	1	ORIT	4401XB	10165246	FREE
1	1	XMAC	1677EA / 1678MC	10337574 / 370238	CENT
1	1	ISO	1678PB	10213117	CENT
1	1	XMAC XTR	1678BA / 1678FA	370234 / 10199668	CENT

MAIN LOG 2"/100FT SCALE

ECLIPS 6.0i Feb 21, 2008
Updates: 1

Sun Nov 15 23:43:12 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

File: /data/575995/k771104.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 492.500 ft BOTTOM DEPTH: 2309.750 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TTRM	FILTER ()	medium (1)		TOP	BOTTOM
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
Y AXIS CALIPER	FILTER ()	medium (1)		"	"
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
SP-SPDH	FILTER ()	medium (1)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
BIT SIZE	BIT SIZE	14.750	in	TOP	BOTTOM
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	61.0	degF	"	"
	MUD SAMPLE RES	2.530	ohm.m	"	"
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	146.0	degF	"	"
	at BH REF DEPTH	2300.0	ft	"	"
	with TEMP GRADIENT	1.200	0.01 degF/ft	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	14.750	in	"	"
BH MUD RESISTIVITY SOURCE	RMUD SOURCE (HDIL)	TOOL MEASURED		"	"

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	1.00	in	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

PARAMETER AND FILTER SUMMARY REPORT

File: /data/575995/k771105.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 94.000 ft BOTTOM DEPTH: 651.588 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
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MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
TTRM	FILTER ()	medium (1)		TOP BOTTOM
	FILTER (.h)	medium (1)		" "
	FILTER (.l)	medium (1)		" "
Y AXIS CALIPER	FILTER ()	medium (1)		" "
TENSION	FILTER ()	medium (1)		" "
GR	FILTER ()	medium (1)		" "
CALIPER	FILTER ()	medium (1)		" "
	FILTER (.h)	medium (1)		" "
	FILTER (.l)	medium (1)		" "
SP-SPDH	FILTER ()	medium (1)		" "

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
BIT SIZE	BIT SIZE	14.750	In	TOP BOTTOM
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	61.0	degF	" "
	MUD SAMPLE RES	2.530	ohm.m	" "
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	146.0	degF	" "
	at BH REF DEPTH	2300.0	ft	" "
	with TEMP GRADIENT	1.200	0.01 degF/ft	" "
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		" "
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	14.750	In	" "
BH MUD RESISTIVITY SOURCE	RMUD SOURCE (HDIL)	TOOL MEASURED		" "

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		" "
	ABC to CALCULATE	STANDOFF		" "
	STANDOFF	1.00	In	" "
	TOOL POSITION	ECCENTERED		" "
	Rmud MULTIPLIER	1.000		" "

CURVE DESCRIPTION REPORT

CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:BIT	BIT	Nov 15 14:16:58 2009	BIT SIZE
F1:CAL	CAL	Nov 15 14:16:58 2009	CALIPER
F1:GR	GR	Nov 15 14:16:58 2009	GAMMA RAY
F1:M2R1	M2R1	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 10 INCH
F1:M2R2	M2R2	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 20 INCH
F1:M2R3	M2R3	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 30 INCH
F1:M2R6	M2R6	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 60 INCH
F1:M2R9	M2R9	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 90 INCH
F1:M2RX	M2RX	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 120 INCH
F1:SP	SP	Nov 15 14:16:58 2009	SPONTANEOUS POTENTIAL
F1:TEN	TEN	Nov 15 14:16:58 2009	DIFFERENTIAL TENSION

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	M2R1	54.75	M2R6	54.75	SP	60.75
CAL	81.50	M2R2	54.75	M2R9	54.75	TEN	0.00
GR	99.00	M2R3	54.75	M2RX	54.75		

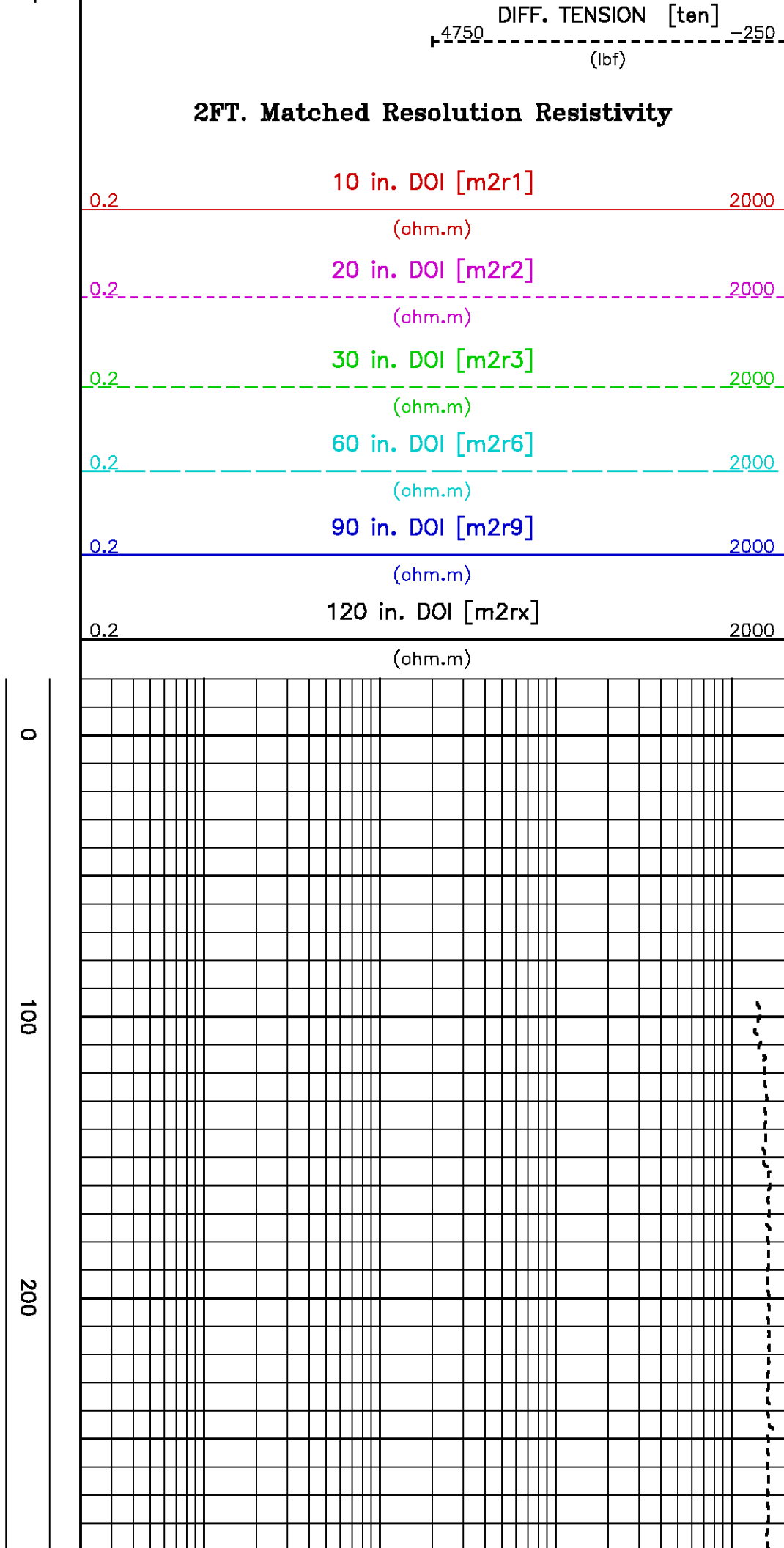
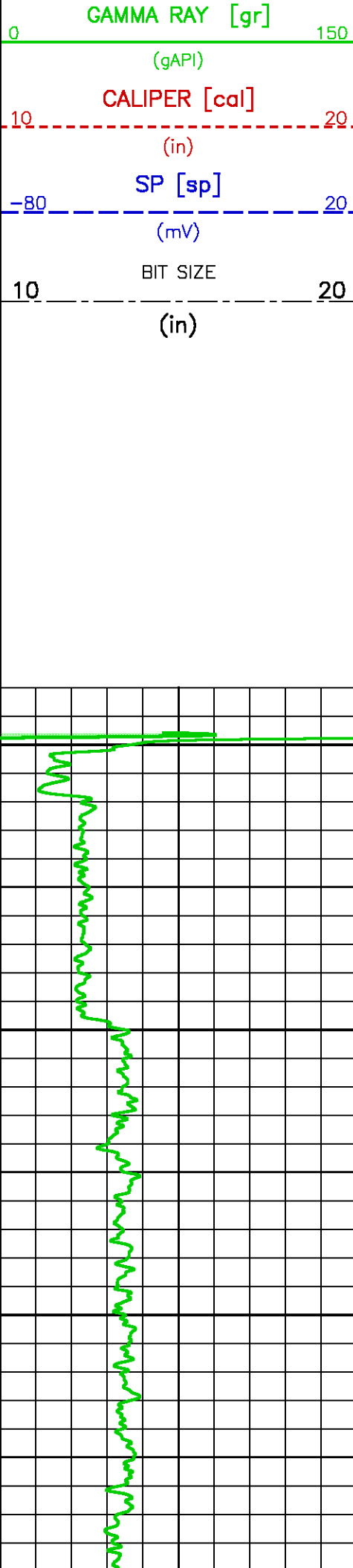
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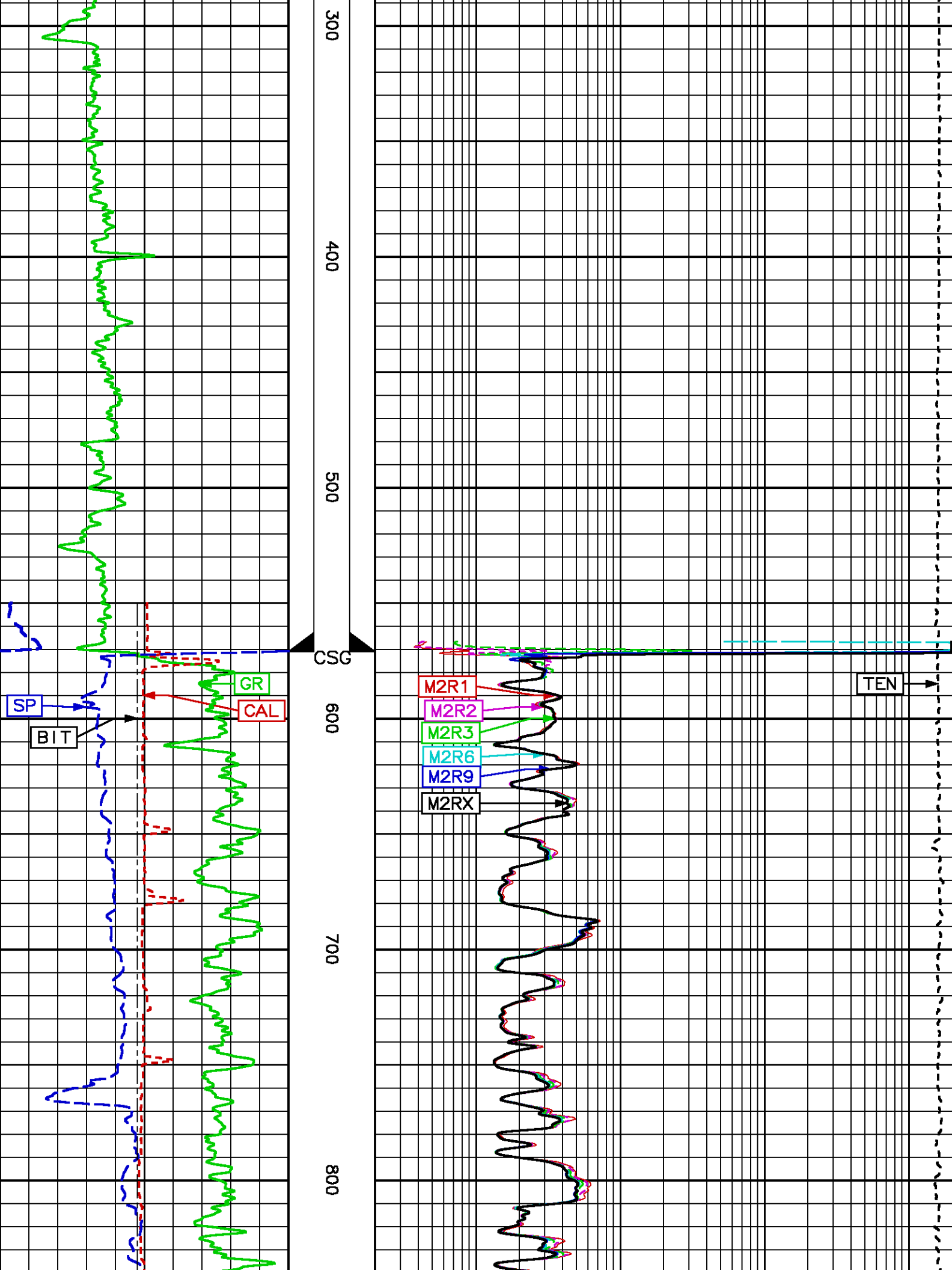
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Created On : Nov 15 12:51:25 2009
Company : SIERRA GEOTHERMAL POWER, INC.
Well : ALUM 25-29
Field : ALUM
File Interval : -18.5 - 2310 Feet
Oct : k7711

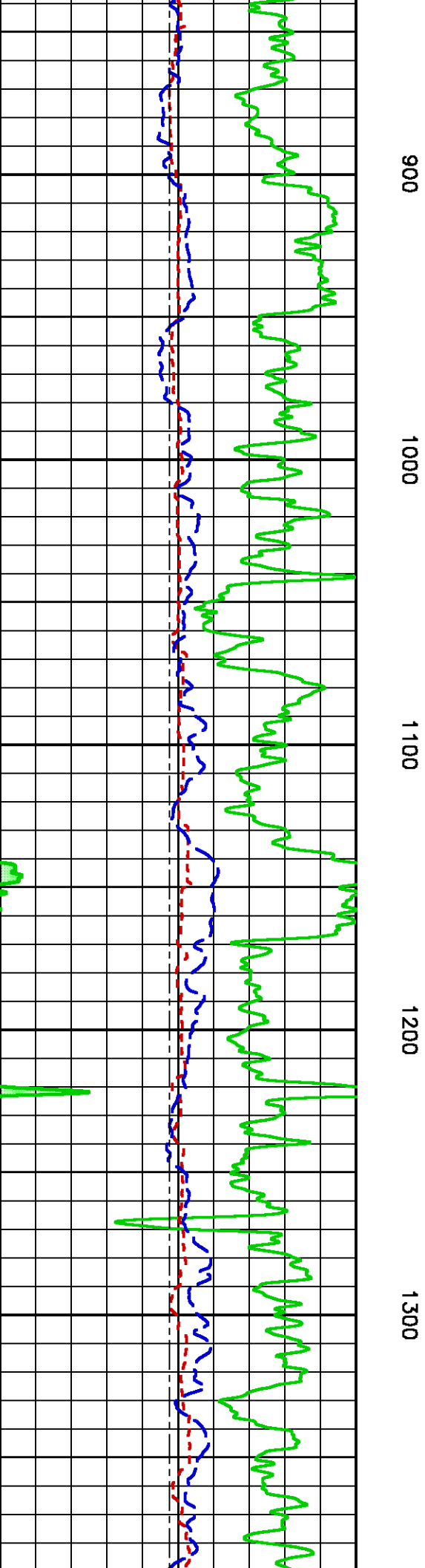
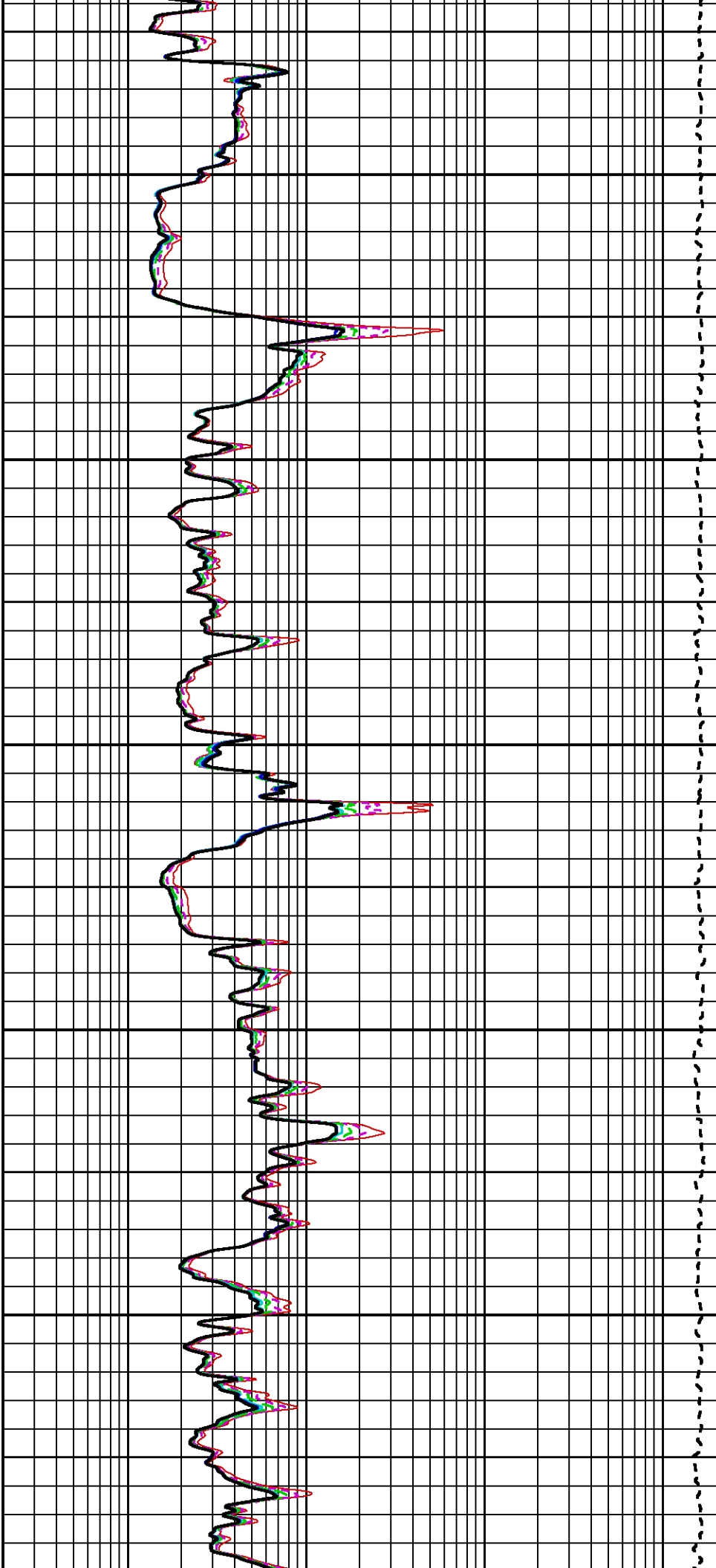
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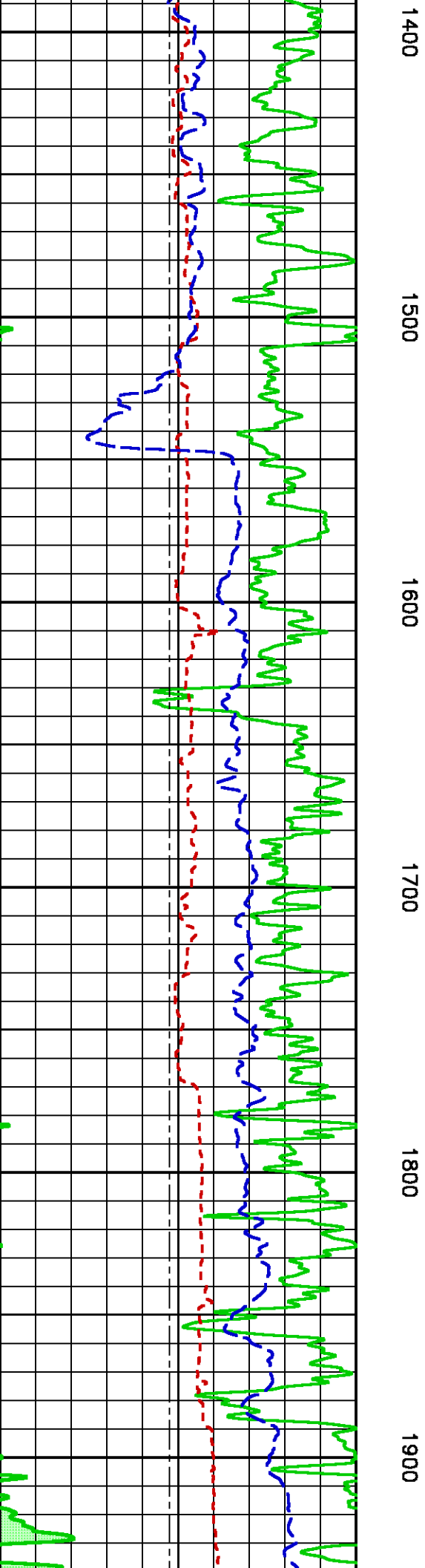
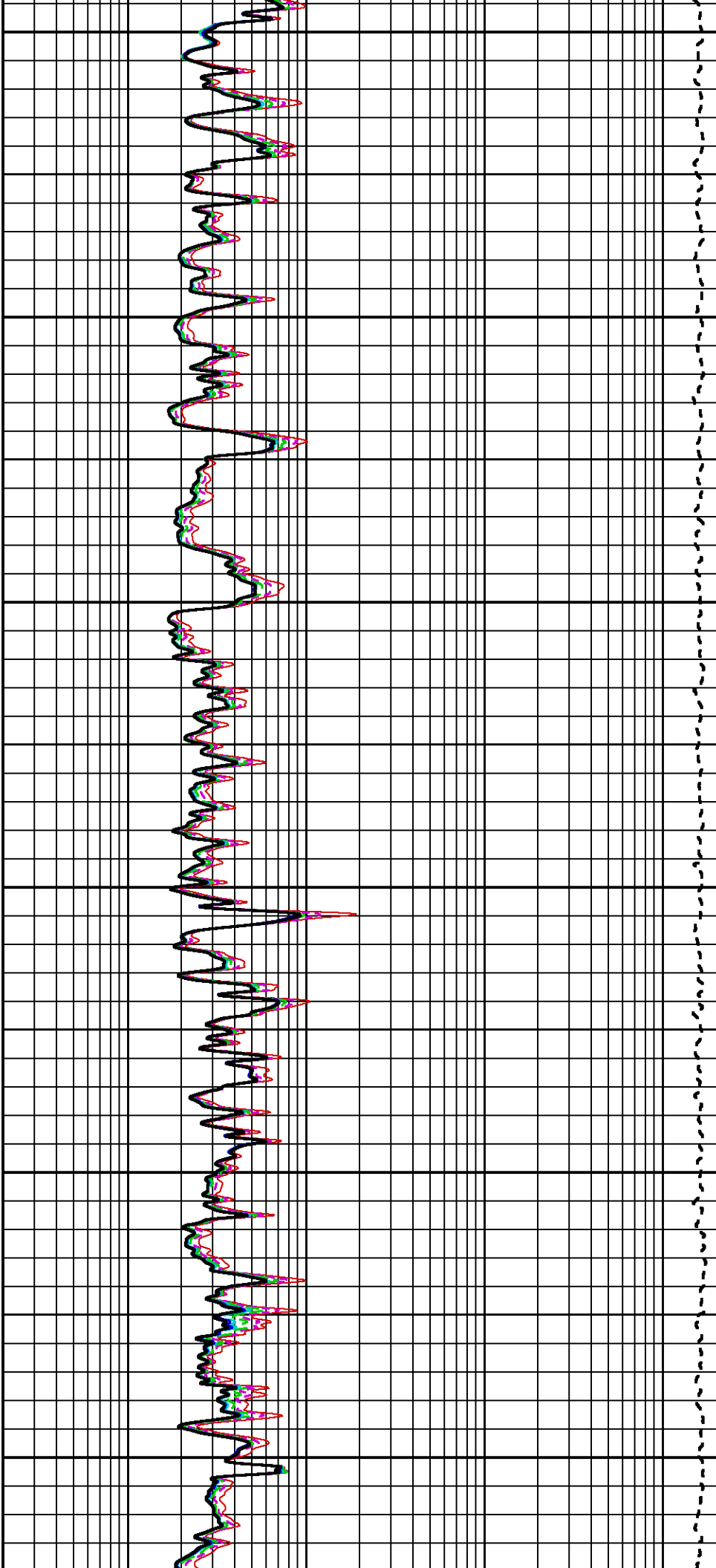
FEET

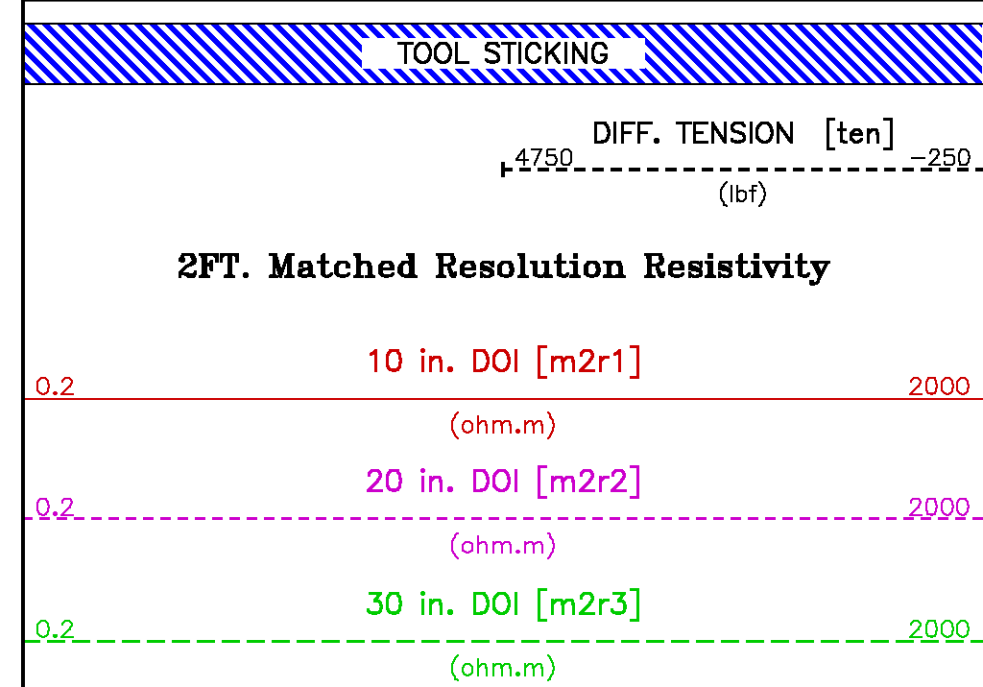
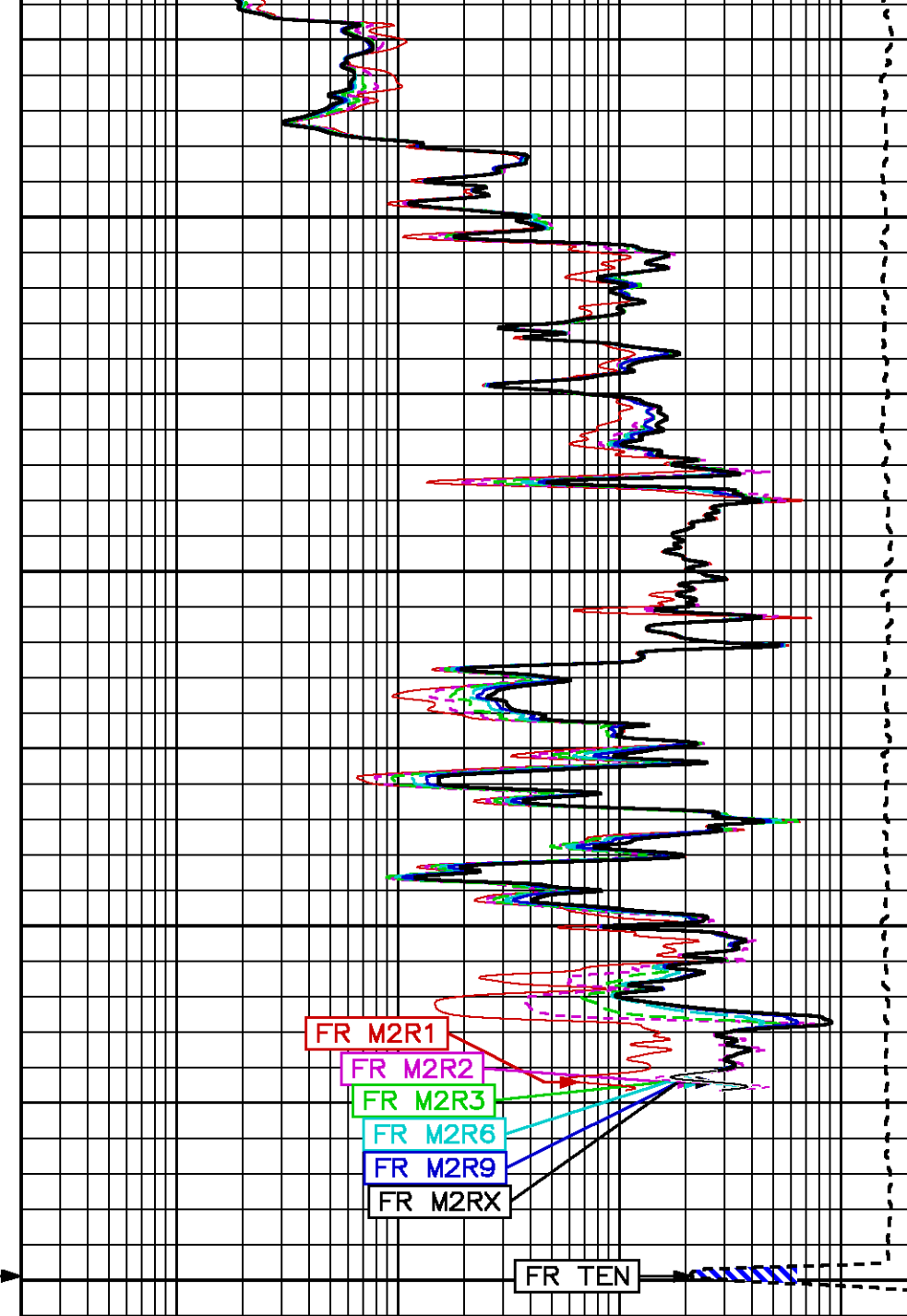
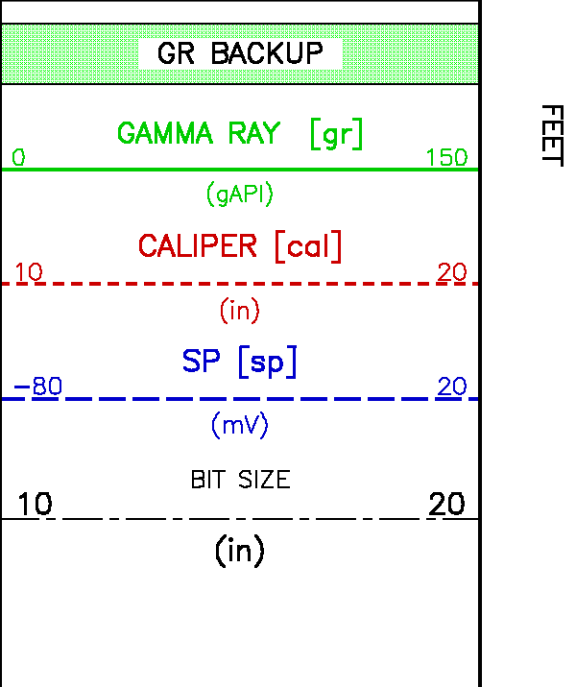
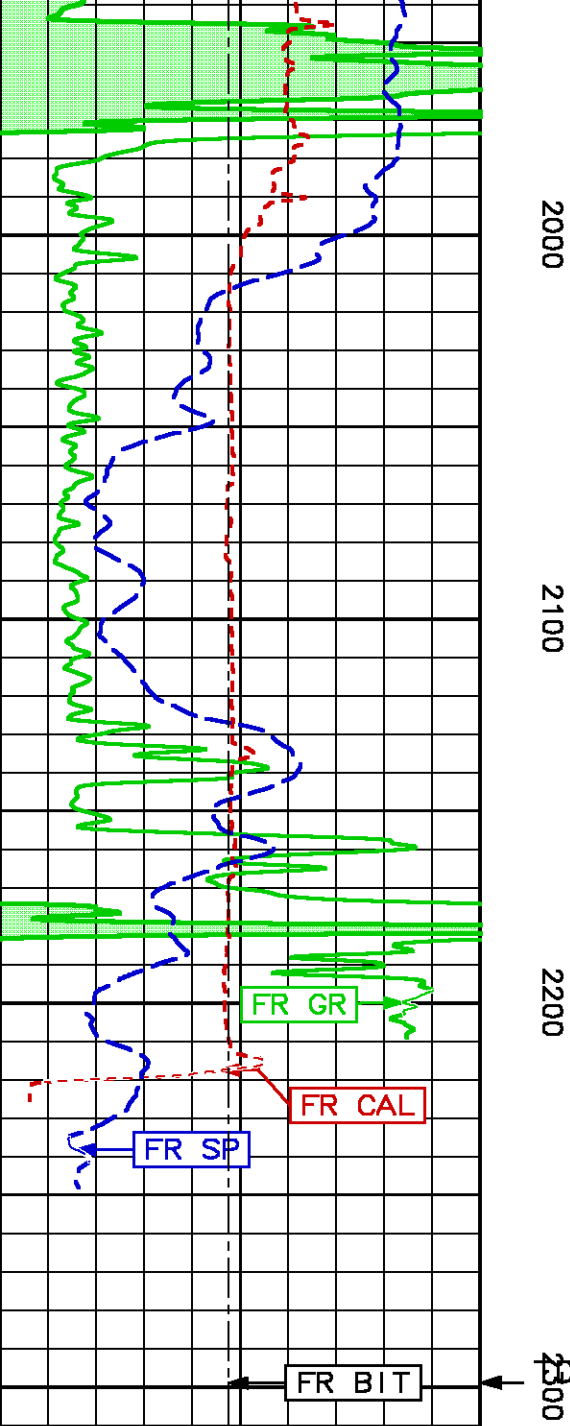
TOOL STICKING











		0.2	60 in. DOI [m2r6]	2000
			(ohm.m)	
		0.2	90 in. DOI [m2r9]	2000
			(ohm.m)	
		0.2	120 in. DOI [m2rx]	2000
			(ohm.m)	

MAIN LOG 5"/100FT SCALE

ECLIPS 6.0i Feb 21, 2008
Updates: 1

Sun Nov 15 14:49:07 2009

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

File: /data/575995/k771104.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 492.500 ft BOTTOM DEPTH: 2309.750 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TTRM	FILTER ()	medium (1)		TOP	BOTTOM
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
Y AXIS CALIPER	FILTER ()	medium (1)		"	"
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
SP-SPDH	FILTER ()	medium (1)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	10.750	in	TOP	BOTTOM
BIT SIZE	BIT SIZE	14.750	in	"	"
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	61.0	degF	"	"
	MUD SAMPLE RES	2.530	ohm.m	"	"
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	146.0	degF	"	"
	at BH REF DEPTH	2300.0	ft	"	"
	with TEMP GRADIENT	1.200	0.01 degF/ft	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	14.750	in	"	"
BH MUD RESISTIVITY SOURCE	RMUD SOURCE (HDIL)	TOOL MEASURED		"	"

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	1.00	in	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

CURVE DESCRIPTION REPORT

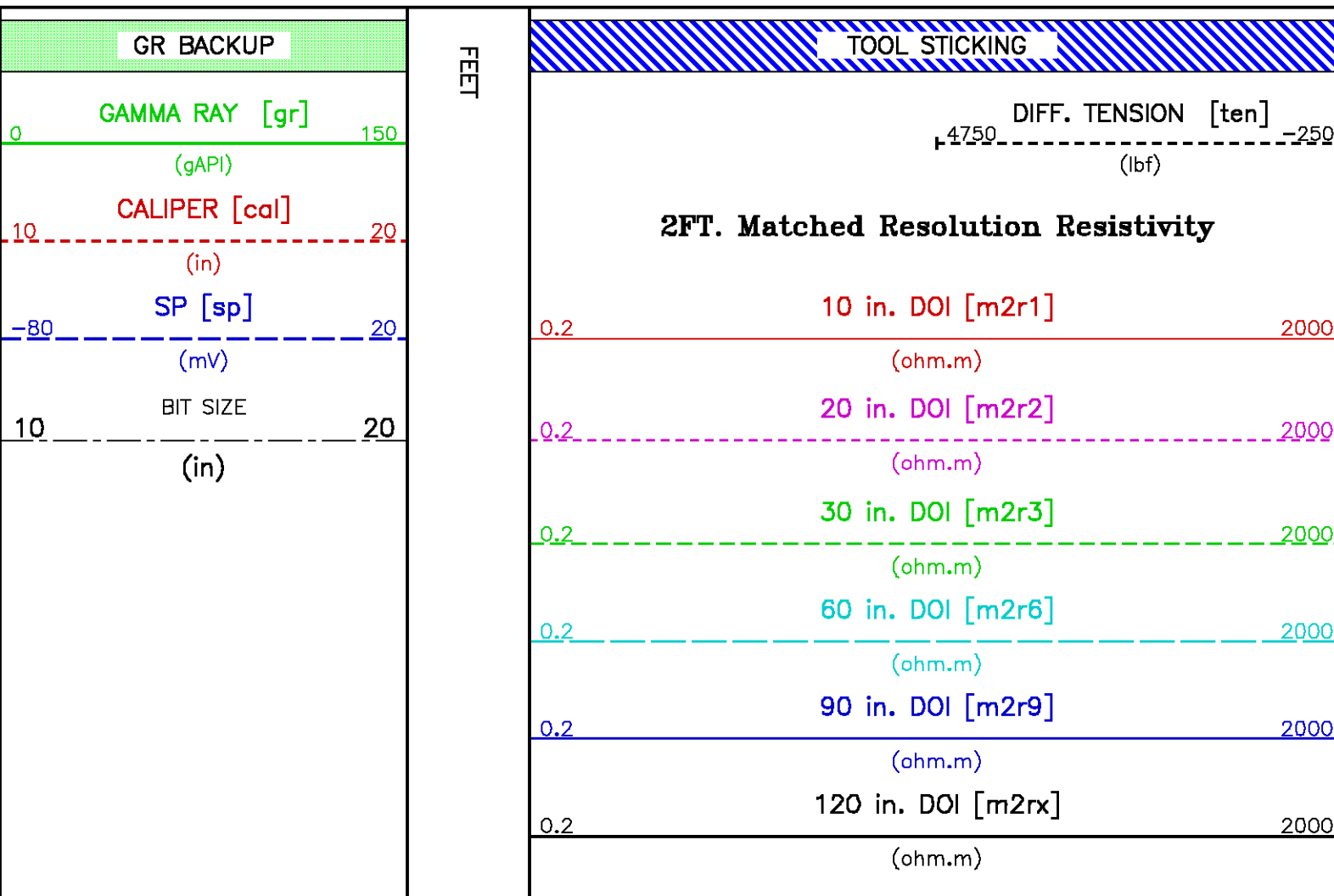
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:BIT	BIT	Nov 15 12:51:25 2009	BIT SIZE
F1:BVOL	BVOL	Nov 15 12:51:25 2009	BOREHOLE VOLUME
F1:CAL	CAL	Nov 15 12:51:25 2009	CALIPER
F1:CVOL	CVOL	Nov 15 12:51:25 2009	CEMENT VOLUME
F1:GR	GR	Nov 15 12:51:25 2009	GAMMA RAY
F1:M2R1	M2R1	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 10 INCH
F1:M2R2	M2R2	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 20 INCH
F1:M2R3	M2R3	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 30 INCH
F1:M2R6	M2R6	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 60 INCH
F1:M2R9	M2R9	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 90 INCH
F1:M2RX	M2RX	Nov 15 12:51:25 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 120 INCH
F1:SP	SP	Nov 15 12:51:25 2009	SPONTANEOUS POTENTIAL
F1:TEN	TEN	Nov 15 12:51:25 2009	DIFFERENTIAL TENSION

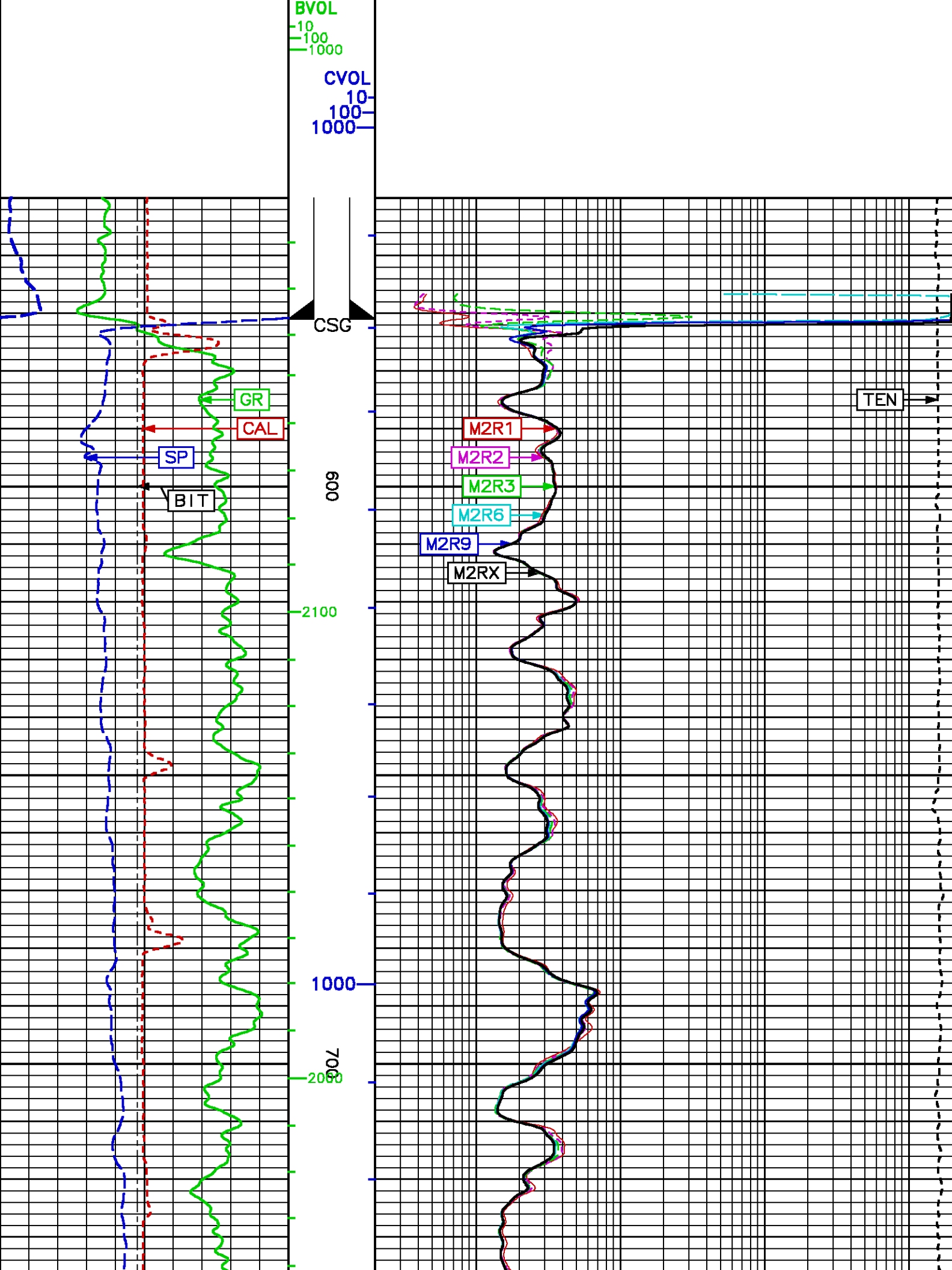
CURVE MEASURE POINT OFFSET

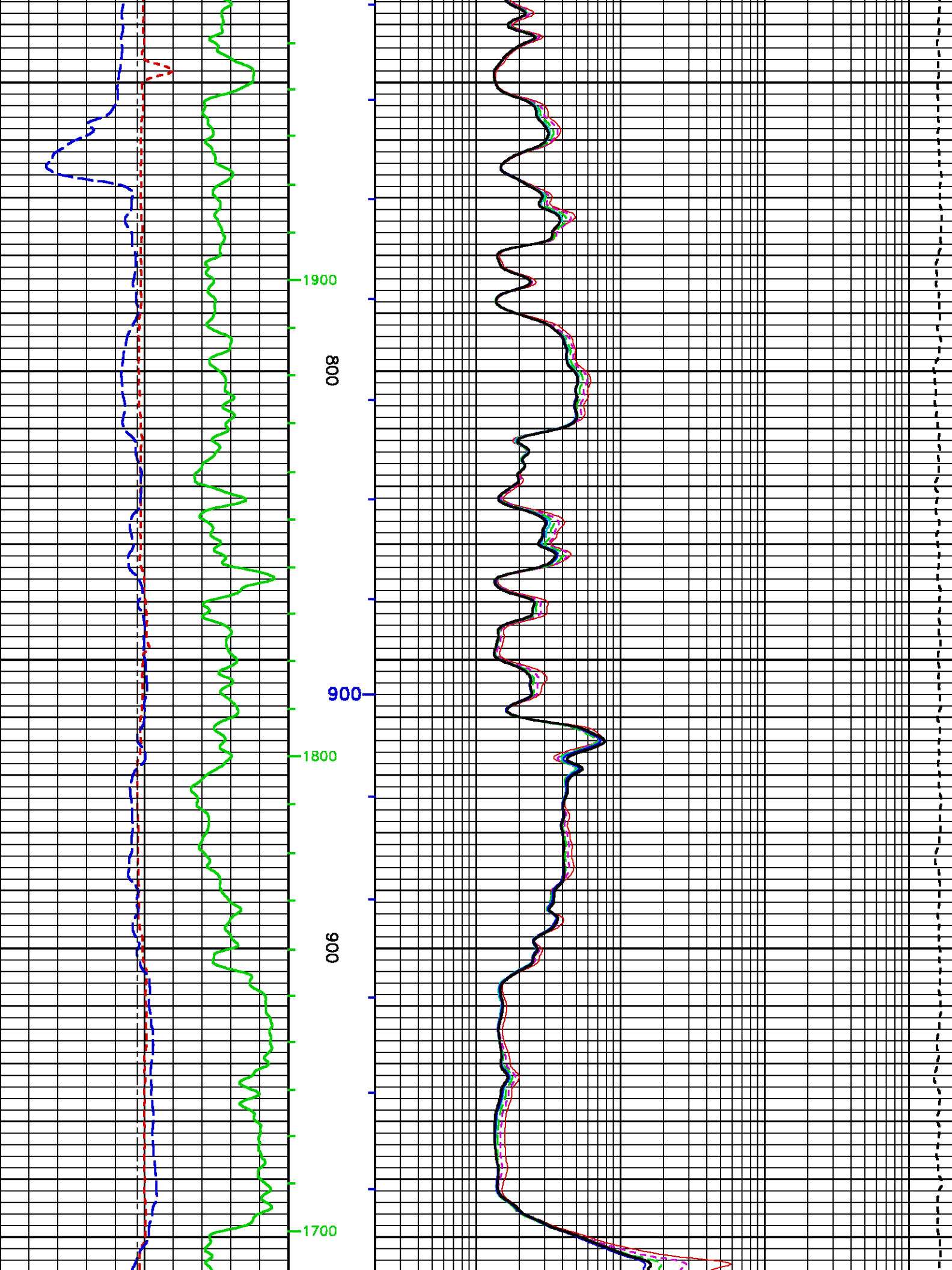
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	M2R1	54.75	M2R6	54.75	SP	60.75
CAL	81.50	M2R2	54.75	M2R9	54.75	TEN	0.00
GR	99.00	M2R3	54.75	M2RX	54.75		

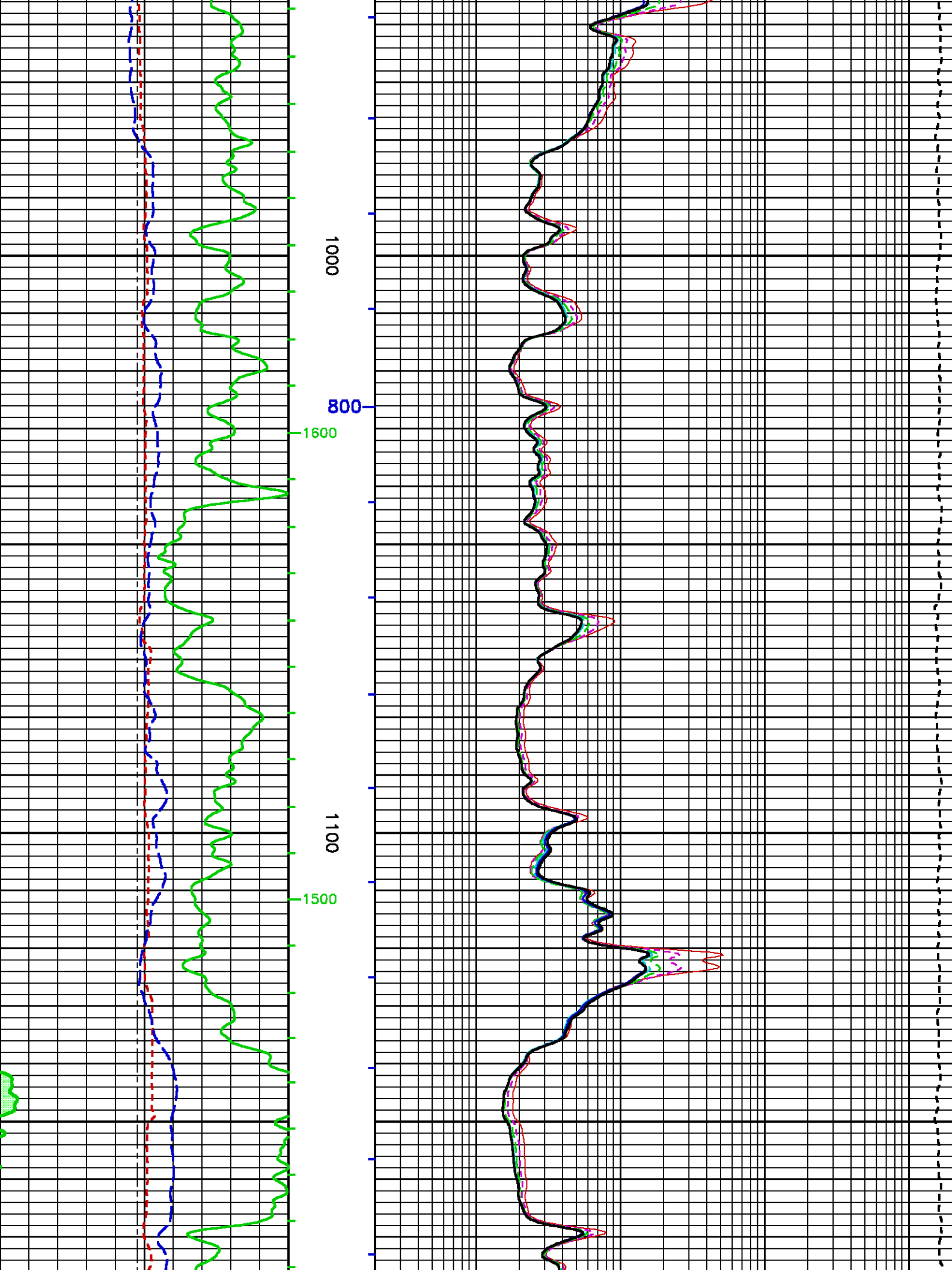
Presentation : cpu1:/dat1a/575995/HDIL_MAIN.pdf [5"/100' Scale]
 Plot Interval : 550 - 2310 Feet

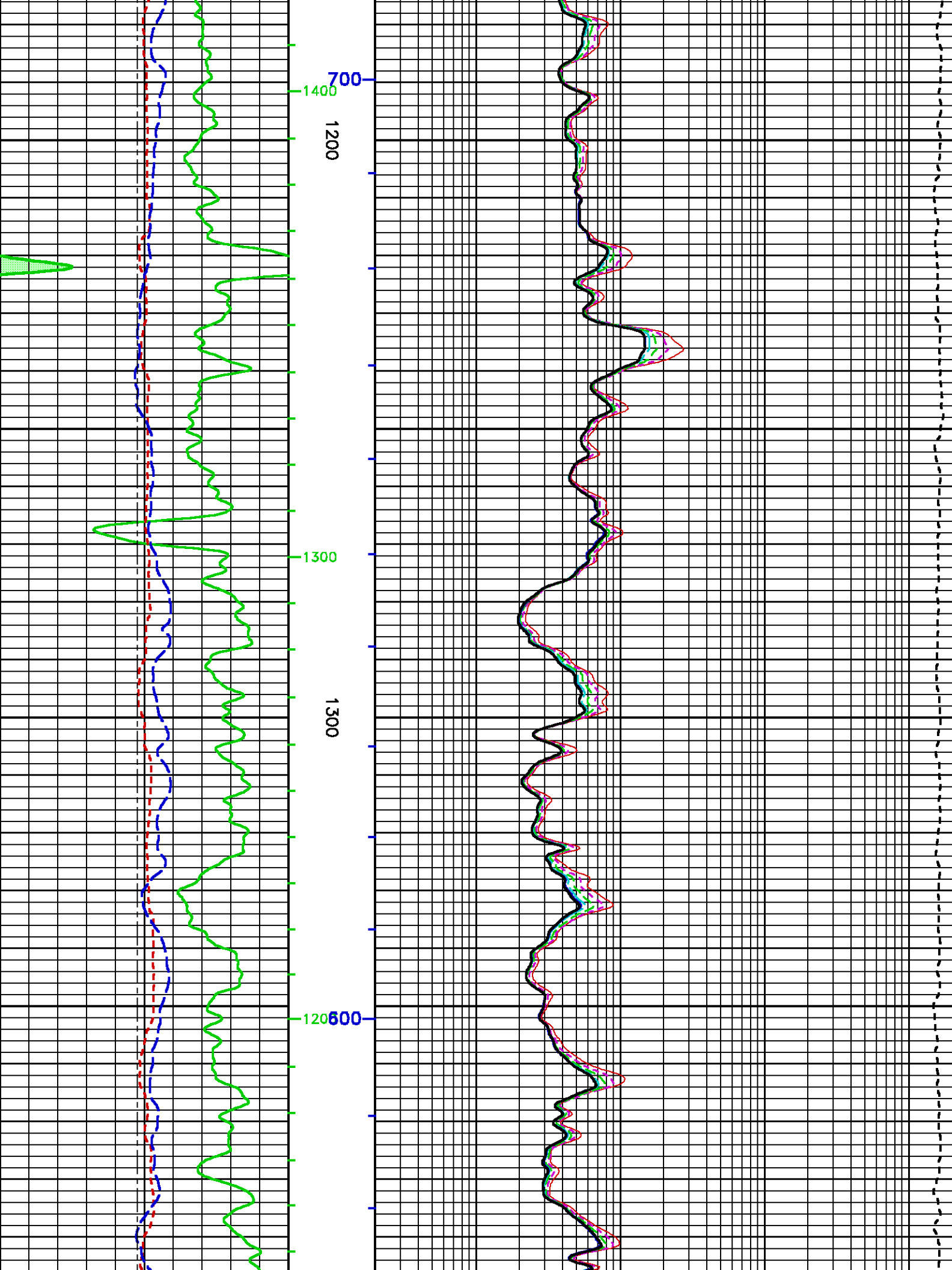
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 Created On : Nov 15 12:51:25 2009
 Company : SIERRA GEOTHERMAL POWER, INC.
 Well : ALUM 25-29
 Field : ALUM
 File Interval : 380.25 - 2310 Feet
 Oct : k7711

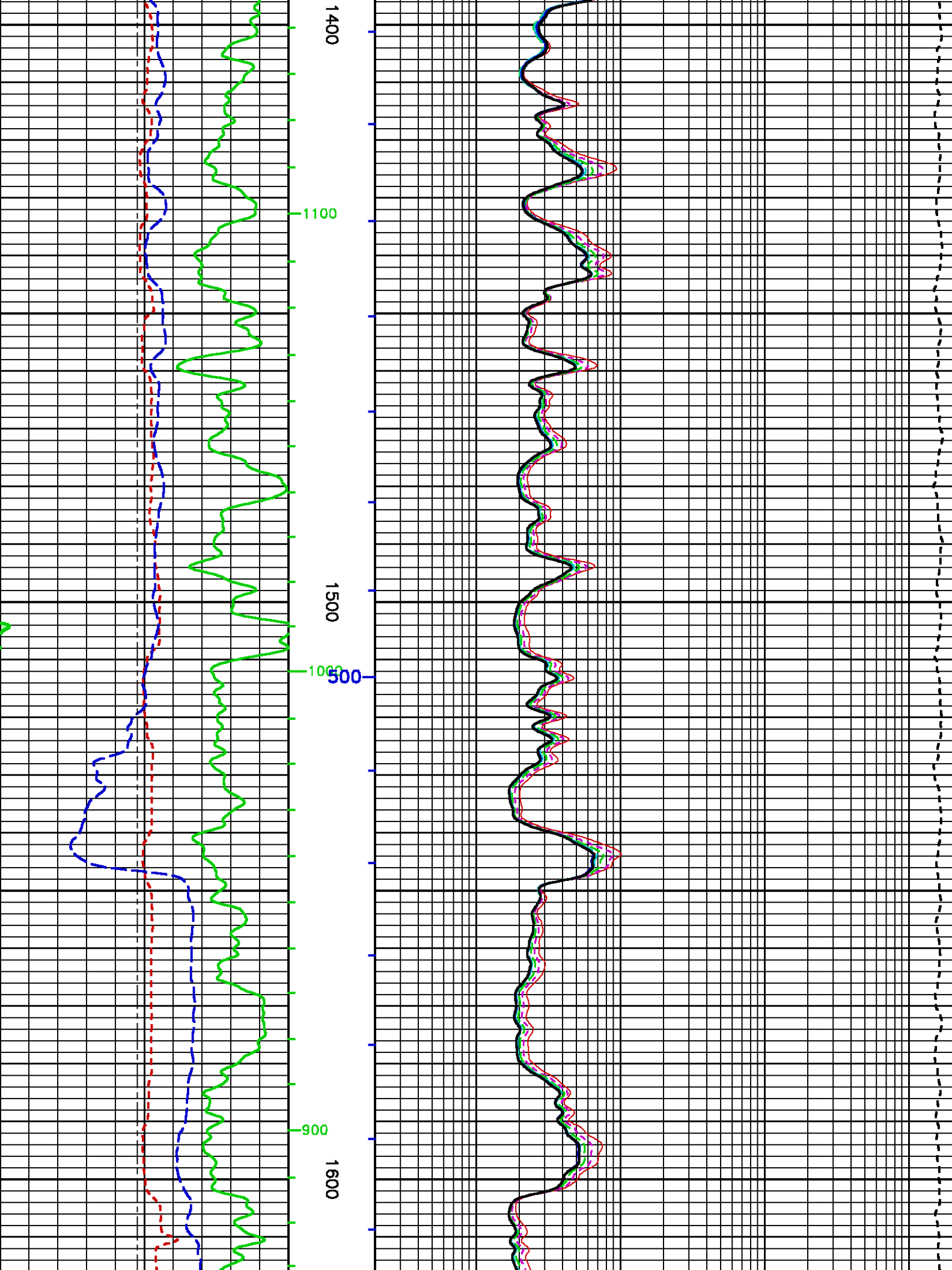


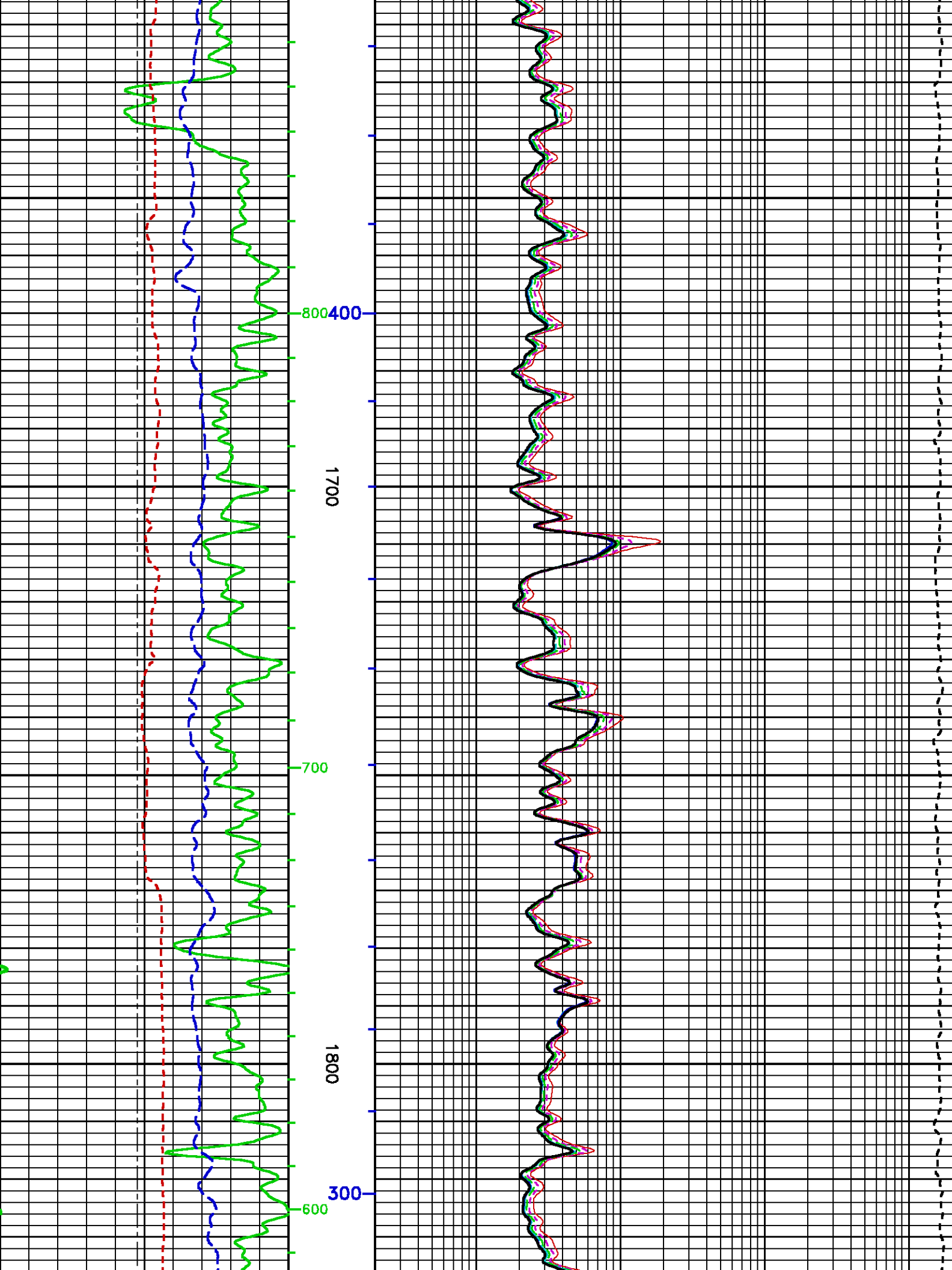


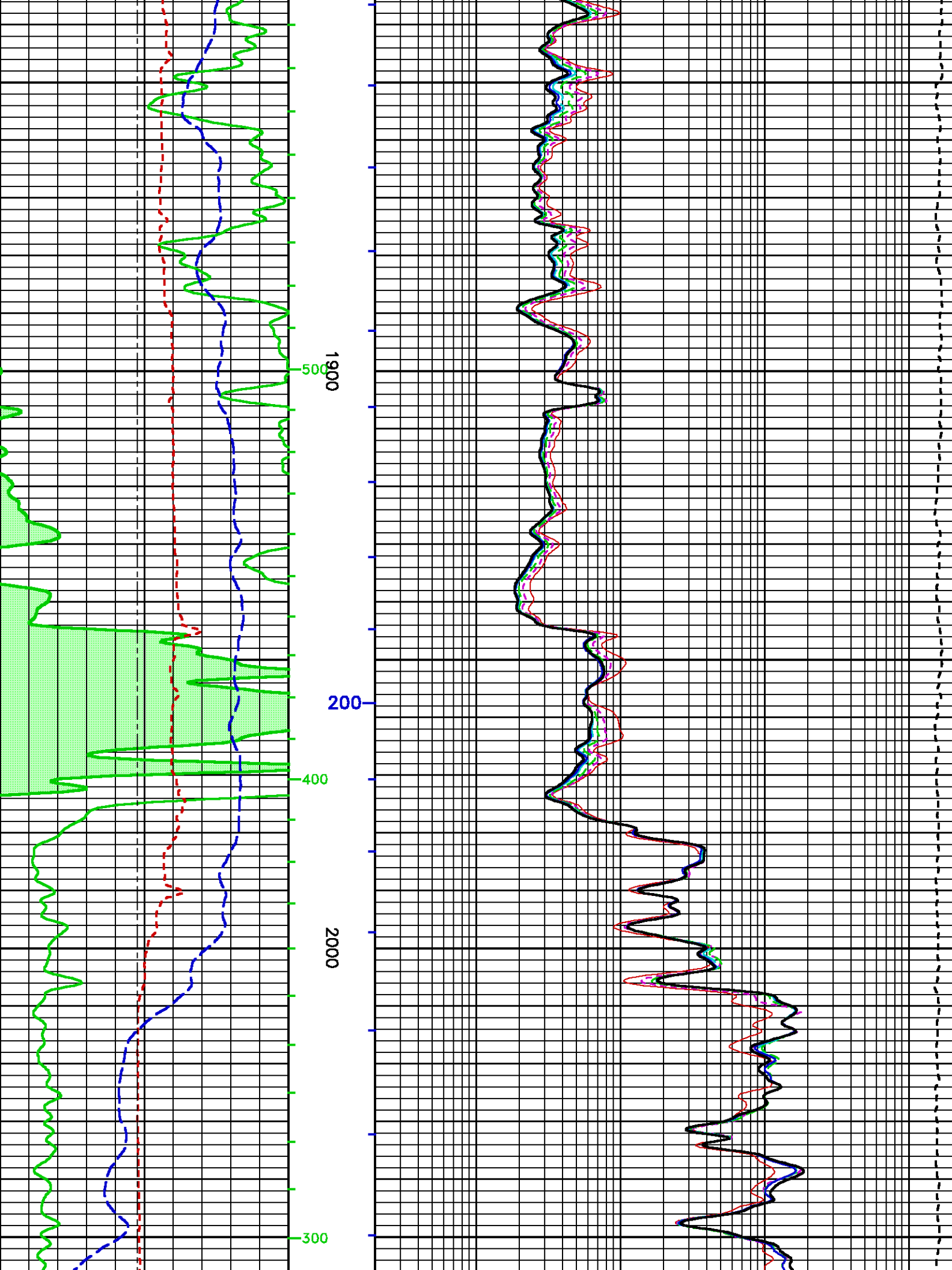


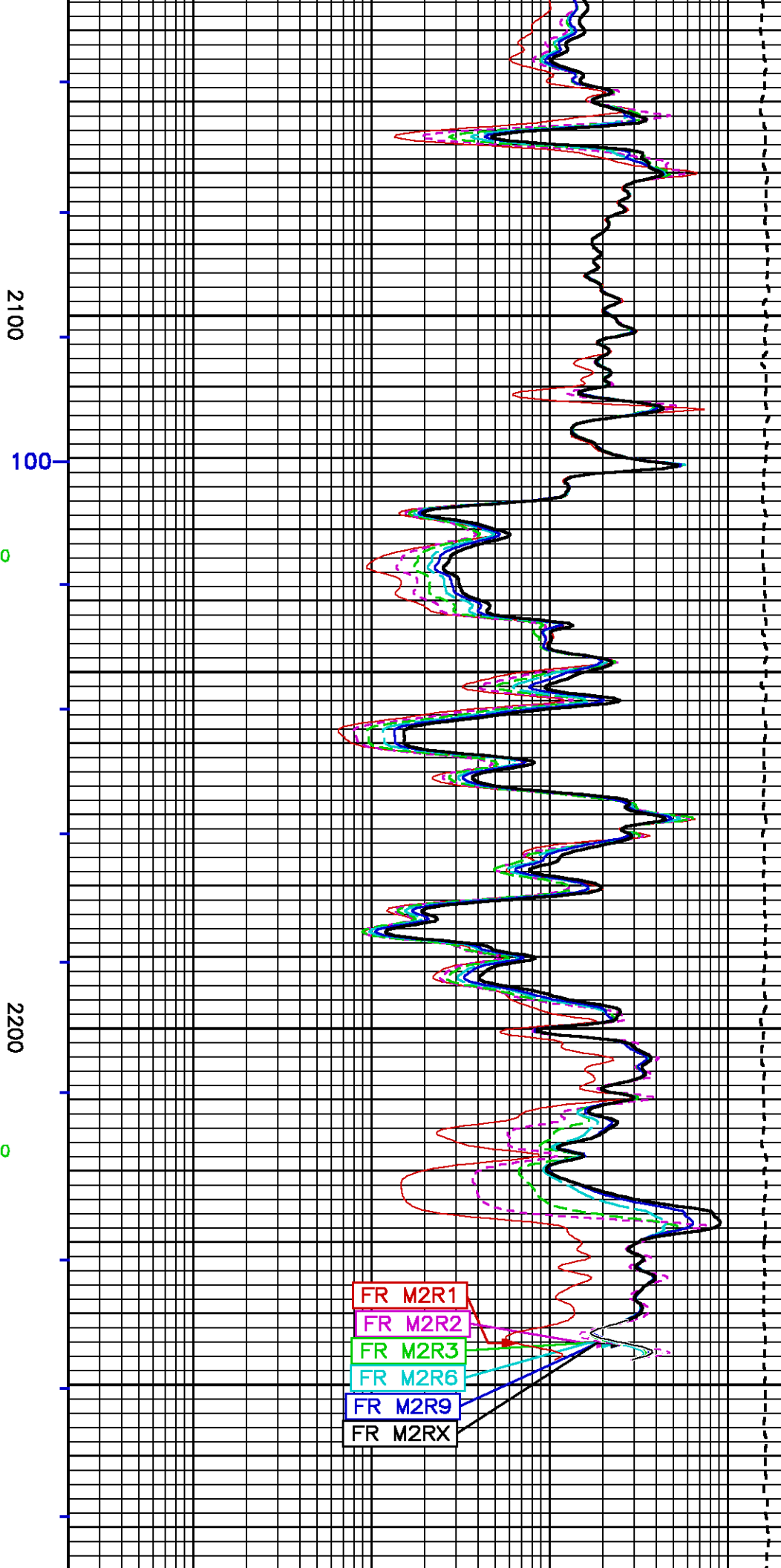
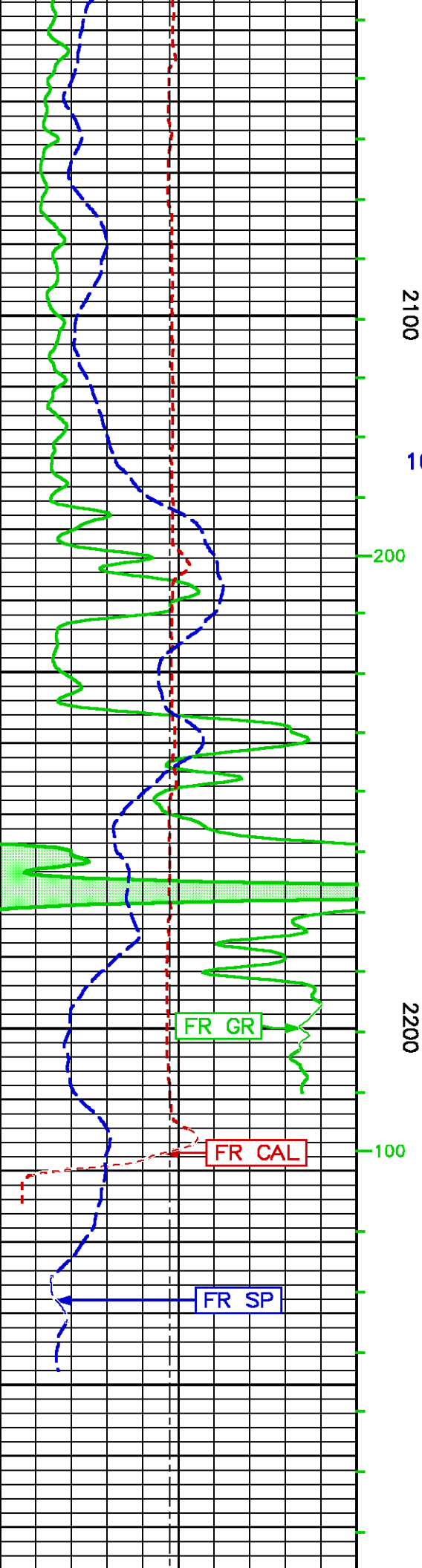


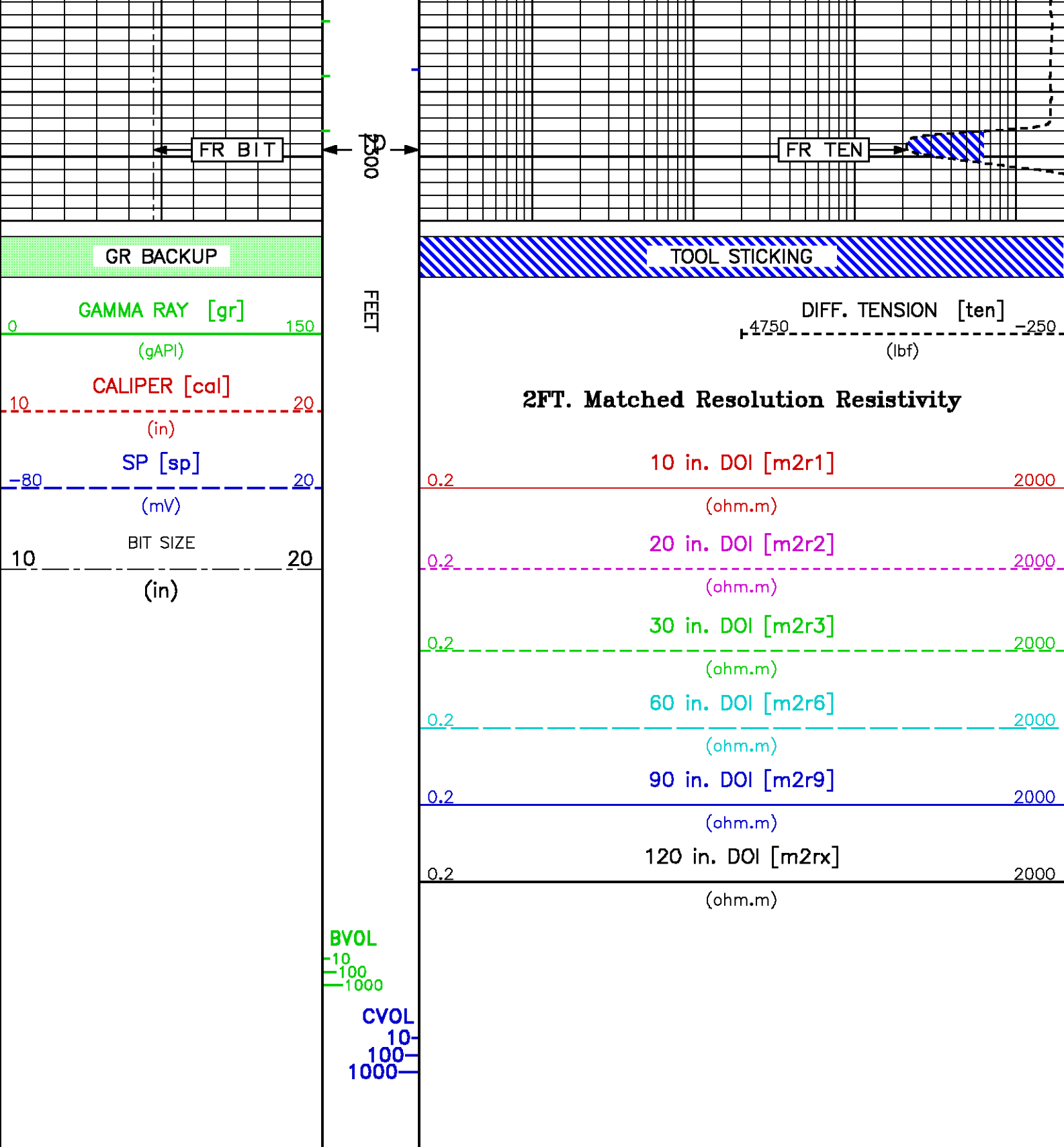












REPEAT LOG

PARAMETER AND FILTER SUMMARY REPORT

File: /dat1a/575995/k771103.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 2073.750 ft BOTTOM DEPTH: 2310.250 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TTRM	FILTER ()	medium (1)		TOP	BOTTOM
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
Y AXIS CALIPER	FILTER ()	medium (1)		"	"
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.i)	medium (1)		"	"
SP-SPDH	FILTER ()	medium (1)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	10.750	ln	TOP	BOTTOM
BIT SIZE	BIT SIZE	14.750	ln	"	"
MUD SAMPLE RESISTIVITY	MUD SAMPLE TEMP	61.0	degF	"	"
	MUD SAMPLE RES	2.530	ohm.m	"	"
BOREHOLE TEMP from GRADIENT	Known BH REF TEMP	140.0	degF	"	"
	at BH REF DEPTH	2300.0	ft	"	"
	with TEMP GRADIENT	1.200	0.01 degF/ft	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	14.750	in	"	"
BH MUD RESISTIVITY SOURCE	RMUD SOURCE (HDIL)	TOOL MEASURED		"	"

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	1.00	ln	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmud MULTIPLIER	1.000		"	"

CURVE DESCRIPTION REPORT

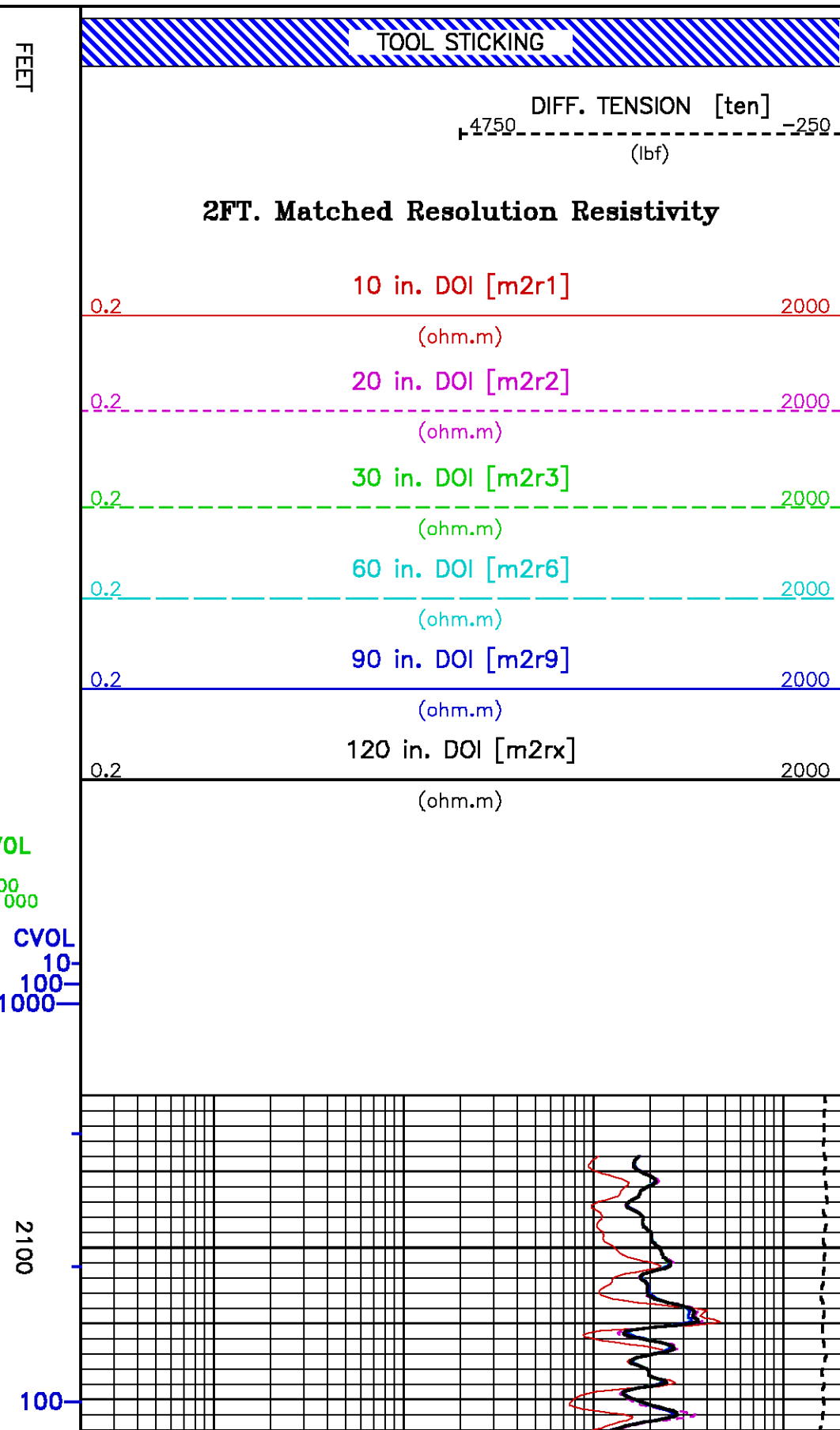
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F1:BVOL	BVOL	Nov 15 12:36:34 2009	BOREHOLE VOLUME
F1:CAL	CAL	Nov 15 12:36:34 2009	CALIPER
F1:CVOL	CVOL	Nov 15 12:36:34 2009	CEMENT VOLUME
F1:GR	GR	Nov 15 12:36:34 2009	GAMMA RAY
F1:M2R1	M2R1	Nov 15 12:36:34 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 10 INCH
F1:M2R2	M2R2	Nov 15 12:36:34 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 20 INCH
F1:M2R3	M2R3	Nov 15 12:36:34 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 30 INCH
F1:M2R6	M2R6	Nov 15 12:36:34 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 60 INCH
F1:M2R9	M2R9	Nov 15 12:36:34 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 90 INCH
F1:M2RX	M2RX	Nov 15 12:36:34 2009	VERT RESOLUTION MATCHED (2 FT) RES - DOI 120 INCH
F1:SP	SP	Nov 15 12:36:34 2009	SPONTANEOUS POTENTIAL
F1:TEN	TEN	Nov 15 12:36:34 2009	DIFFERENTIAL TENSION

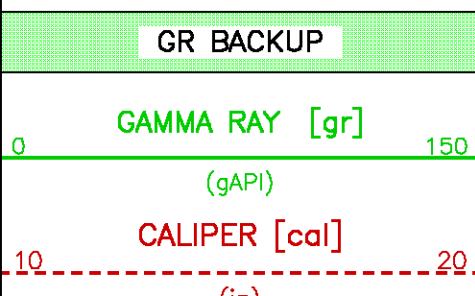
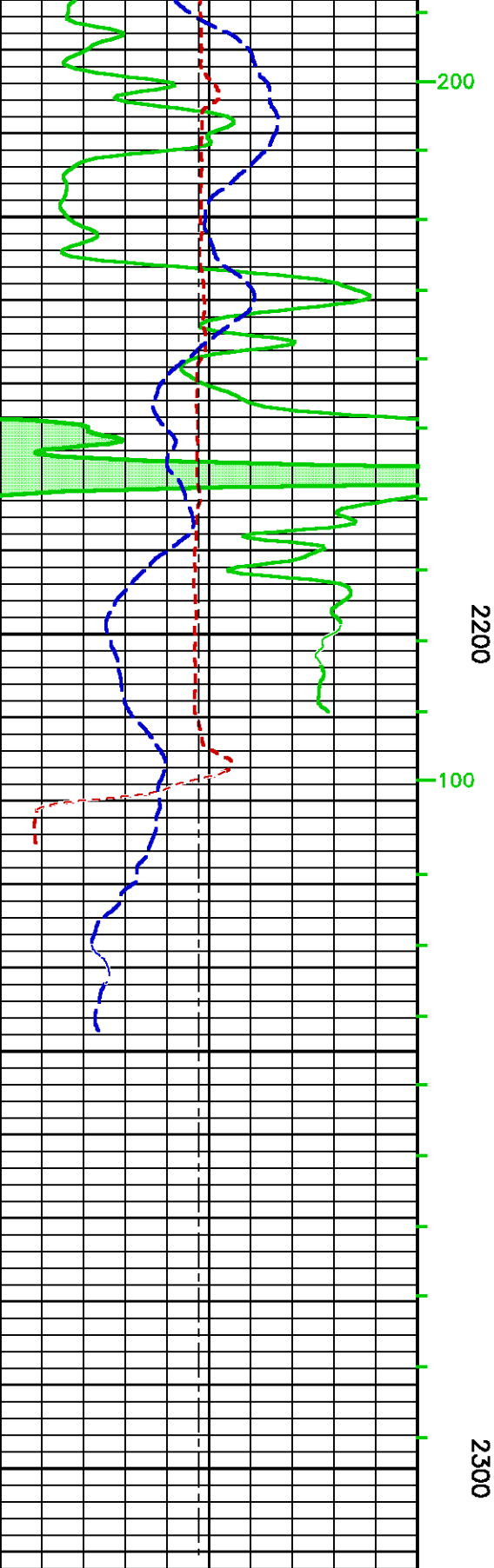
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	M2R1	54.75	M2R6	54.75	SP	60.75
CAL	81.50	M2R2	54.75	M2R9	54.75	TEN	0.00
GR	99.00	M2R3	54.75	M2RX	54.75		

Presentation : cpu1:/dat1a/575995/HDIL_REPEAT.pdf [5"/100' Scale]
Plot Interval : 2080 - 2310.25 Feet

Data File 1 : F1 : cpu1:/dat1a/575995/k771103.aff
Created On : Nov 15 12:36:34 2009
Company : SIERRA GEOTHERMAL POWER, INC.
Well : ALUM 25-29
Field : ALUM
File Interval : 1961.25 - 2310.25 Feet
Oct : k7711



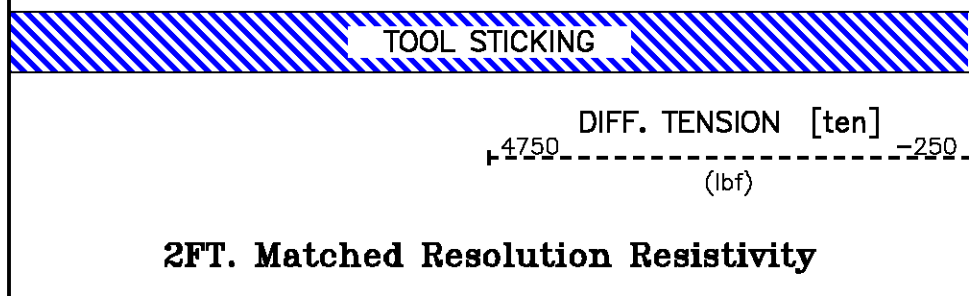
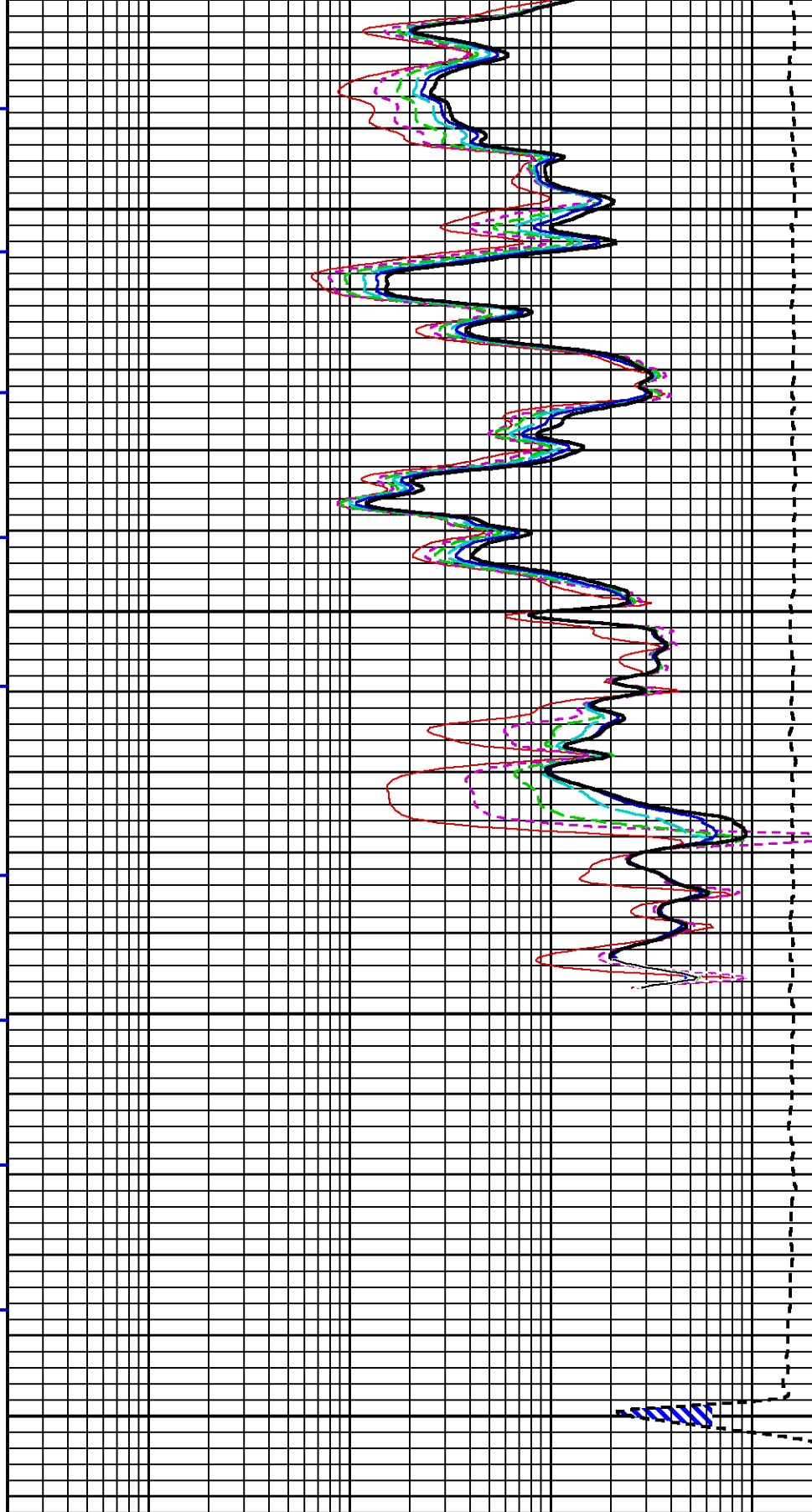


2200

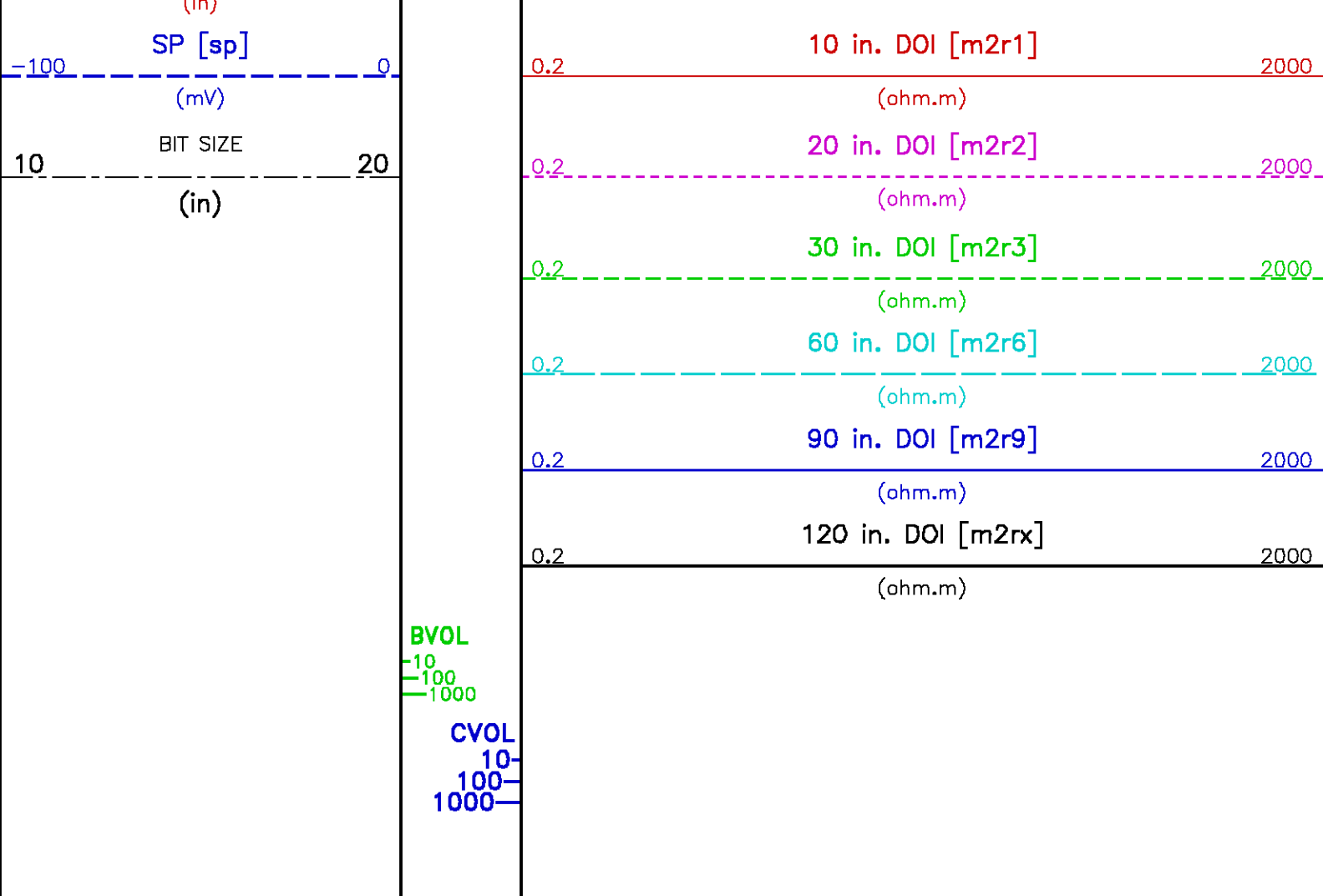
100

2500

FEET



4750 -250



CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/575995/k771l.tp1

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1329XA 10203000

DATE/TIME PERFORMED: Sun Oct 25 14:28:31 2009

UNIT #: 3885TD ML4232

CALB JIG #: 4702NK DA-321

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	CR DIFF (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	CALBRTR (gAPI)
GR	269.02	1162.96	893.9 830.0 960.0	0.168	45.14	195.14	150

GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1329XA 10203000

DATE/TIME PERFORMED: Sun Oct 25 14:33:28 2009

UNIT #: 3885TD ML4232

VERI JIG #: 4702NK DA-321

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	269.44	1191.73	0.168	45.21	199.97	154.76 140.00 180.00

GR BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10203000 DATE/TIME PERFORMED: Fri Nov 13 13:34:23 2009 DAYS SINCE CAL: 19

UNIT #: 3885TD ML4232 VERI JIG #: 4702NK DA-321

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	337.67	1213.93	0.168	58.86	203.70	147.04
						144.76 164.76

GR AFTER LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10203000 DATE/TIME PERFORMED: Sun Nov 15 14:45:39 2009 DAYS SINCE CAL: 21

UNIT #: 3885TD ML4232 VERI JIG #: 4702NK DA-321

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	263.49	1169.16	0.168	44.21	196.18	151.97
						137.04 157.04

CAL PRIMARY CALIBRATION SUMMARY

TOOL #: 2234XA 10334913

DATE/TIME PERFORMED: Sun Oct 25 11:23:52 2009

UNIT #: 3885TD ML4232

	SMALL RING	LARGE RING	MULT	ADD	SMALL RING (In)	LARGE RING (In)
CALIPER	1746.0	2563.6	0.00749	-5.20505	7.875	14.000

CAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2234XA 10334913 DATE/TIME PERFORMED: Sun Nov 15 12:03:07 2009 DAYS SINCE CAL: 21

UNIT #: 3885TD ML4232

	I.D.	MULT	ADD	I.D. (In)
CALIPER	2729.6	0.00749	-5.43863	15.010

CAL AFTER LOG VERIFICATION SUMMARY

TOOL #: 2234XA 10334913 DATE/TIME PERFORMED: Sun Nov 15 14:09:05 2009 DAYS SINCE CAL: 21

UNIT #: 3885TD ML4232

	I.D.	MULT	ADD	I.D. (In)
CALIPER	2739.2	0.00749	-5.43863	15.082
				14.510 15.510

HDIL PRIMARY CALIBRATION SUMMARY

TOOL #: 1515MA 069832

DATE/TIME PERFORMED: Thu Oct 29 16:15:55 2009

UNIT #: 3885TD ML4232

GRCOND ID & DATE: DFAULT 0421108

	ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	-0.000	0.001	0.001	-0.000	-0.002	-0.001	-0.001	-0.003	-0.003
Coil 0 Q	0.005	0.005	0.003	0.002	0.003	0.002	-0.000	-0.001	-0.001
Coil 1 R	-0.000	0.001	-0.001	-0.001	-0.001	-0.003	-0.005	-0.007	-0.007
Coil 1 Q	0.002	0.003	0.003	0.004	0.005	0.004	0.005	0.002	0.002

CoII 2 R	0.003 -1.000 1.000 -0.200 0.200	0.003 -0.200 0.200 -0.100 0.100	-0.000 -0.100 0.100 -0.100 0.100	-0.002 -0.100 0.100 -0.100 0.100	-0.002 -0.100 0.100 -0.100 0.100	-0.002 -0.100 0.100 -0.100 0.100	-0.002 -0.100 0.100 -0.100 0.100	0.001 -0.100 0.100 -0.100 0.100
CoII 2 Q	-0.005 -1.000 1.000	-0.002 -0.200 0.200	0.002 -0.100 0.100	0.002 -0.100 0.100	-0.003 -0.100 0.100	-0.003 -0.100 0.100	-0.004 -0.100 0.100	-0.004 -0.100 0.100
CoII 3 R	0.002 -0.100 0.100	0.003 -0.100 0.100	-0.001 -0.100 0.100	0.001 -0.100 0.100	0.000 -0.100 0.100	-0.002 -0.100 0.100	0.001 -0.100 0.100	0.001 -0.100 0.100
CoII 3 Q	-0.008 -0.500 0.500	-0.003 -0.200 0.200	-0.003 -0.100 0.100	0.001 -0.100 0.100	0.000 -0.100 0.100	0.001 -0.100 0.100	0.002 -0.100 0.100	-0.000 -0.100 0.100
CoII 4 R	-0.008 -0.200 0.200	-0.004 -0.200 0.200	-0.003 -0.200 0.200	-0.001 -0.200 0.200	-0.006 -0.200 0.200	-0.003 -0.200 0.200	-0.003 -0.200 0.200	0.001 -0.200 0.200
CoII 4 Q	-0.007 -1.000 1.000	0.000 -0.400 0.400	-0.004 -0.200 0.200	-0.004 -0.200 0.200	-0.002 -0.200 0.200	-0.003 -0.200 0.200	-0.005 -0.200 0.200	-0.004 -0.200 0.200
CoII 5 R	-0.003 -0.400 0.400	0.001 -0.400 0.400	-0.002 -0.400 0.400	0.003 -0.400 0.400	0.004 -0.400 0.400	0.008 -0.400 0.400	-0.007 -0.400 0.400	-0.012 -0.400 0.400
CoII 5 Q	-0.002 -2.000 2.000	0.001 -0.800 0.800	0.010 -0.400 0.400	0.004 -0.400 0.400	0.005 -0.400 0.400	-0.002 -0.400 0.400	-0.002 -0.400 0.400	0.001 -0.400 0.400
CoII 6 R	-0.034 -1.000 1.000	-0.008 -1.000 1.000	-0.009 -1.000 1.000	-0.012 -1.000 1.000	-0.008 -1.000 1.000	-0.007 -1.000 1.000	0.008 -1.000 1.000	0.011 -1.000 1.000
CoII 6 Q	-0.010 -5.000 5.000	0.001 -2.000 2.000	0.024 -1.000 1.000	-0.013 -1.000 1.000	0.003 -1.000 1.000	-0.016 -1.000 1.000	-0.011 -1.000 1.000	-0.001 -1.000 1.000

ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
CoII 0 M	126.11 100.00 150.00	124.84 100.00 150.00	122.24 98.00 150.00	118.48 98.00 140.00	113.56 92.00 140.00	107.91 87.00 130.00	101.28 82.00 120.00	93.90 78.00 110.00
CoII 0 P	7.448 6.000 8.000	23.500 19.000 28.000	39.301 32.000 47.000	54.997 44.000 66.000	70.700 57.000 85.000	86.260 70.000 100.000	101.908 82.000 120.000	117.269 88.000 140.000
CoII 1 M	219.09 180.00 270.00	216.78 180.00 270.00	212.05 170.00 280.00	205.26 170.00 250.00	196.38 180.00 250.00	186.08 160.00 230.00	174.19 150.00 220.00	161.17 140.00 200.00
CoII 1 P	7.549 6.000 8.000	23.800 19.000 28.000	39.808 32.000 48.000	55.893 45.000 67.000	71.569 57.000 86.000	87.237 70.000 110.000	102.984 83.000 120.000	118.412 88.000 140.000
CoII 2 M	444.93 380.00 540.00	440.18 380.00 540.00	430.40 350.00 530.00	416.54 340.00 510.00	398.44 330.00 500.00	377.61 310.00 470.00	353.39 300.00 440.00	327.57 270.00 410.00
CoII 2 P	7.630 6.000 9.000	24.032 19.000 29.000	40.155 32.000 48.000	56.176 45.000 67.000	72.143 58.000 87.000	87.938 71.000 110.000	103.734 84.000 130.000	119.260 98.000 140.000
CoII 3 M	719.57 590.00 850.00	712.84 580.00 870.00	699.30 570.00 850.00	679.20 550.00 850.00	652.25 530.00 800.00	620.51 500.00 780.00	582.24 470.00 710.00	540.11 440.00 650.00
CoII 3 P	7.681 6.000 10.000	24.254 20.000 29.000	40.614 33.000 49.000	56.915 48.000 69.000	73.300 59.000 89.000	89.566 72.000 110.000	105.945 85.000 130.000	122.089 98.000 150.000
CoII 4 M	1119.8 800.0 1400.0	1109.4 800.0 1300.0	1088.0 900.0 1300.0	1057.0 850.0 1300.0	1015.3 800.0 1200.0	966.7 800.0 1200.0	908.8 750.0 1100.0	844.8 700.0 1000.0
CoII 4 P	7.720 6.000 10.000	24.307 20.000 30.000	40.679 33.000 50.000	56.997 48.000 70.000	73.353 60.000 90.000	89.590 73.000 110.000	105.946 88.000 130.000	122.061 99.000 150.000
CoII 5 M	2304.7 1900.0 2800.0	2277.9 1800.0 2800.0	2223.1 1800.0 2700.0	2146.4 1800.0 2600.0	2046.6 1700.0 2500.0	1933.6 1600.0 2400.0	1803.4 1500.0 2200.0	1663.5 1400.0 2100.0
CoII 5 P	8.193 6.000 10.000	25.728 20.000 31.000	42.971 34.000 51.000	60.080 48.000 72.000	77.113 62.000 93.000	93.951 76.000 110.000	110.822 89.000 130.000	127.394 100.000 150.000
CoII 6 M	6001.9 4700.0 7100.0	5935.7 4700.0 7000.0	5801.5 4600.0 6900.0	5609.6 4400.0 6800.0	5357.7 4200.0 6400.0	5064.4 4000.0 6000.0	4723.8 3700.0 5600.0	4353.1 3400.0 5100.0
CoII 6 P	8.002 7.000 10.000	25.529 22.000 32.000	42.744 36.000 54.000	59.822 51.000 76.000	76.907 65.000 98.000	93.808 80.000 120.000	110.766 84.000 140.000	127.411 110.000 160.000

AM Factor	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
CoII 0 R	403 -200 800	-123 -500 100	-183 -600 0	-194 -800 0	-196 -500 0	-195 -500 0	-193 -500 0	-192 -500 0
CoII 0 Q	2218 -3000 8000	788 -1000 2000	437 -1000 1200	268 -500 800	166 -400 600	95 -400 500	39 -400 400	-6 -400 300
CoII 1 R	534 450 650	84 20 115	8 -30 45	-12 -50 20	-21 -55 0	-25 -60 0	-27 -60 0	-29 -60 0
CoII 1 Q	1747 0 2500	656 0 900	400 0 800	284 0 400	217 0 300	173 0 250	141 0 200	117 0 100
CoII 2 R	179.5 140.0 230.0	24.8 0.0 51.0	5.8 -10.0 25.0	-0.5 -15.0 15.0	-2.9 -16.0 10.0	-4.5 -18.0 7.0	-5.2 -16.0 5.0	-5.7 -16.0 3.0
CoII 2 Q	542.4 -200.0 1000.0	207.7 0.0 350.0	130.1 0.0 220.0	95.8 0.0 180.0	76.6 0.0 130.0	64.8 0.0 110.0	56.7 0.0 100.0	51.2 0.0 90.0
CoII 3 R	44.9 37.0 82.0	4.5 0.0 12.0	-0.0 -3.0 8.0	-1.6 -4.0 4.0	-2.5 -5.0 2.0	-3.0 -5.0 1.0	-2.8 -8.0 1.0	-2.3 -8.0 1.0
CoII 3 Q	98.3 -140.0 280.0	41.2 -40.0 100.0	29.0 -20.0 70.0	24.7 -10.0 60.0	23.0 -10.0 50.0	22.6 -10.0 50.0	22.8 -10.0 50.0	24.0 -10.0 50.0
CoII 4 R	11.05 2.00 18.00	0.28 -3.00 8.00	-0.99 -3.50 3.00	-1.15 -3.90 2.00	-1.71 -4.20 2.00	-1.53 -4.50 2.00	-1.57 -4.70 2.00	-1.67 -5.00 2.00
CoII 4 Q	17.74 -100.00 100.00	10.59 -30.00 50.00	10.33 -20.00 40.00	11.57 -10.00 40.00	13.29 -10.00 40.00	15.36 -10.00 45.00	17.53 -10.00 50.00	19.54 -10.00 60.00
CoII 5 R	1.92 -2.00 5.80	-0.70 -3.20 2.40	-1.03 -4.50 3.10	-0.88 -4.70 3.20	-1.02 -4.80 3.20	-0.91 -5.00 3.30	-1.03 -5.20 3.40	-1.15 -5.40 3.50
CoII 5 Q	2.11 -80.00 70.00	3.90 -20.00 30.00	5.99 -20.00 30.00	7.76 -20.00 35.00	10.28 -20.00 45.00	12.41 -20.00 50.00	14.72 -20.00 60.00	16.85 -30.00 70.00
CoII 6 R	-1.37 -4.80 1.00	-0.80 -5.70 3.80	-0.70 -6.50 4.90	-0.50 -8.90 5.40	-0.64 -7.30 5.80	-0.63 -7.50 6.00	-0.64 -7.70 6.10	-0.64 -7.90 6.30

Coil 6 Q	1.44 -30.00 30.00	3.05 -20.00 25.00	5.27 -20.00 35.00	7.39 -30.00 50.00	9.72 -35.00 60.00	11.89 -40.00 70.00	14.17 -50.00 80.00	16.41 -80.00 100.00
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MM Factor	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	1.011 0.900 1.100	1.009 0.900 1.100	1.005 0.900 1.100	1.004 0.900 1.100	1.003 0.900 1.100	1.002 0.900 1.100	1.002 0.900 1.100	1.003 0.900 1.100
Coil 0 P	0.276 -2.000 2.000	0.248 -2.000 2.000	0.311 -2.000 2.000	0.219 -2.000 2.000	0.145 -2.000 2.000	0.105 -2.000 2.000	0.047 -2.000 2.000	-0.034 -2.000 2.000
Coil 1 M	0.991 0.900 1.100	0.989 0.900 1.100	0.984 0.900 1.100	0.984 0.900 1.100	0.982 0.900 1.100	0.981 0.900 1.100	0.981 0.900 1.100	0.981 0.900 1.100
Coil 1 P	0.179 -2.000 2.000	0.280 -2.000 2.000	0.337 -2.000 2.000	0.327 -2.000 2.000	0.319 -2.000 2.000	0.238 -2.000 2.000	0.218 -2.000 2.000	0.188 -2.000 2.000
Coil 2 M	1.017 0.900 1.100	1.014 0.900 1.100	1.013 0.900 1.100	1.012 0.900 1.100	1.012 0.900 1.100	1.011 0.900 1.100	1.009 0.900 1.100	1.009 0.900 1.100
Coil 2 P	0.165 -2.000 2.000	0.143 -2.000 2.000	0.146 -2.000 2.000	0.188 -2.000 2.000	0.231 -2.000 2.000	0.254 -2.000 2.000	0.286 -2.000 2.000	0.275 -2.000 2.000
Coil 3 M	1.021 0.900 1.100	1.020 0.900 1.100	1.020 0.900 1.100	1.019 0.900 1.100	1.019 0.900 1.100	1.019 0.900 1.100	1.019 0.900 1.100	1.018 0.900 1.100
Coil 3 P	0.167 -2.000 2.000	0.103 -2.000 2.000	0.118 -2.000 2.000	0.114 -2.000 2.000	0.123 -2.000 2.000	0.075 -2.000 2.000	0.129 -2.000 2.000	0.106 -2.000 2.000
Coil 4 M	1.030 0.900 1.100	1.029 0.900 1.100	1.028 0.900 1.100	1.027 0.900 1.100	1.027 0.900 1.100	1.028 0.900 1.100	1.025 0.900 1.100	1.025 0.900 1.100
Coil 4 P	0.156 -2.000 2.000	0.135 -2.000 2.000	0.135 -2.000 2.000	0.176 -2.000 2.000	0.182 -2.000 2.000	0.165 -2.000 2.000	0.176 -2.000 2.000	0.122 -2.000 2.000
Coil 5 M	1.032 0.900 1.100	1.031 0.900 1.100	1.031 0.900 1.100	1.030 0.900 1.100	1.029 0.900 1.100	1.030 0.900 1.100	1.029 0.900 1.100	1.030 0.900 1.100
Coil 5 P	0.075 -2.000 2.000	0.002 -2.000 2.000	0.039 -2.000 2.000	0.012 -2.000 2.000	-0.059 -2.000 2.000	-0.167 -2.000 2.000	-0.161 -2.000 2.000	-0.194 -2.000 2.000
Coil 6 M	1.027 0.900 1.100	1.028 0.900 1.100	1.026 0.900 1.100	1.024 0.900 1.100	1.023 0.900 1.100	1.029 0.900 1.100	1.029 0.900 1.100	1.028 0.900 1.100
Coil 6 P	0.054 -2.000 2.000	0.213 -2.000 2.000	0.209 -2.000 2.000	0.288 -2.000 2.000	0.218 -2.000 2.000	0.135 -2.000 2.000	0.199 -2.000 2.000	0.067 -2.000 2.000

PARMS TCID 0 TCID 1 Cal Temp T Factor
(degF)
ID# 1.465 0.776 70.5 1.04

HDIL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1515MA 069832 DATE/TIME PERFORMED: Sun Nov 15 12:11:34 2009 DAYS SINCE CAL: 16

UNIT #: 3885TD ML4232

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	0.002 -0.200 0.200	0.003 -0.100 0.100	0.002 -0.100 0.100	-0.001 -0.100 0.100	-0.004 -0.100 0.100	-0.002 -0.100 0.100	-0.001 -0.100 0.100	-0.001 -0.100 0.100
Coil 0 Q	0.005 -1.000 1.000	0.007 -0.200 0.200	0.005 -0.100 0.100	0.004 -0.100 0.100	0.002 -0.100 0.100	0.001 -0.100 0.100	-0.002 -0.100 0.100	-0.002 -0.100 0.100
Coil 1 R	0.005 -0.200 0.200	0.006 -0.100 0.100	0.006 -0.100 0.100	0.003 -0.100 0.100	0.000 -0.100 0.100	-0.002 -0.100 0.100	-0.005 -0.100 0.100	-0.005 -0.100 0.100
Coil 1 Q	0.004 -1.000 1.000	0.005 -0.200 0.200	0.006 -0.100 0.100	0.007 -0.100 0.100	0.007 -0.100 0.100	0.005 -0.100 0.100	0.001 -0.100 0.100	-0.002 -0.100 0.100
Coil 2 R	0.007 -0.200 0.200	0.005 -0.100 0.100	-0.001 -0.100 0.100	-0.002 -0.100 0.100	-0.004 -0.100 0.100	-0.003 -0.100 0.100	-0.001 -0.100 0.100	0.002 -0.100 0.100
Coil 2 Q	-0.004 -1.000 1.000	0.000 -0.200 0.200	0.003 -0.100 0.100	0.004 -0.100 0.100	-0.001 -0.100 0.100	-0.003 -0.100 0.100	-0.005 -0.100 0.100	-0.006 -0.100 0.100
Coil 3 R	0.004 -0.100 0.100	-0.001 -0.100 0.100	0.001 -0.100 0.100	-0.000 -0.100 0.100	-0.000 -0.100 0.100	0.001 -0.100 0.100	0.001 -0.100 0.100	0.002 -0.100 0.100
Coil 3 Q	-0.006 -0.500 0.500	-0.003 -0.200 0.200	0.003 -0.100 0.100	-0.002 -0.100 0.100	-0.002 -0.100 0.100	-0.003 -0.100 0.100	-0.002 -0.100 0.100	-0.001 -0.100 0.100
Coil 4 R	-0.009 -0.200 0.200	-0.001 -0.200 0.200	0.001 -0.200 0.200	0.002 -0.200 0.200	0.000 -0.200 0.200	0.001 -0.200 0.200	-0.002 -0.200 0.200	0.001 -0.200 0.200
Coil 4 Q	-0.005 -1.000 1.000	0.004 -0.400 0.400	-0.001 -0.200 0.200	-0.003 -0.200 0.200	-0.001 -0.200 0.200	-0.002 -0.200 0.200	-0.004 -0.200 0.200	-0.004 -0.200 0.200
Coil 5 R	-0.004 -0.400 0.400	-0.000 -0.400 0.400	-0.008 -0.400 0.400	-0.004 -0.400 0.400	0.004 -0.400 0.400	-0.008 -0.400 0.400	-0.007 -0.400 0.400	-0.011 -0.400 0.400
Coil 5 Q	0.004 -2.000 2.000	0.006 -0.800 0.800	-0.000 -0.400 0.400	0.009 -0.400 0.400	0.011 -0.400 0.400	0.006 -0.400 0.400	0.014 -0.400 0.400	0.003 -0.400 0.400
Coil 6 R	-0.024 -1.000 1.000	-0.018 -1.000 1.000	0.017 -1.000 1.000	-0.029 -1.000 1.000	-0.010 -1.000 1.000	0.021 -1.000 1.000	0.010 -1.000 1.000	0.015 -1.000 1.000
Coil 6 Q	0.022 -5.000 5.000	0.035 -2.000 2.000	0.007 -1.000 1.000	-0.005 -1.000 1.000	-0.015 -1.000 1.000	-0.015 -1.000 1.000	-0.011 -1.000 1.000	-0.002 -1.000 1.000

ELEC. GAINS 10 KHz 30 KHz 50 KHz 70 KHz 90 KHz 110 KHz 130 KHz 150 KHz

Coil 0 M	126.16	124.85	122.17	118.38	113.31	107.51	100.69	93.16
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Coil 0 M	100.00 150.00	100.00 150.00	98.00 150.00	98.00 150.00	92.00 140.00	87.00 130.00	82.00 120.00	78.00 110.00
Coil 0 P	7.500	23.853	39.529	55.331	71.102	86.714	102.344	117.710
Coil 1 M	219.21	216.81	211.96	205.05	195.90	185.41	173.23	159.96
Coil 1 P	7.602	23.960	40.057	56.038	71.968	87.702	103.431	118.869
Coil 2 M	445.02	440.05	429.93	415.75	397.15	376.09	351.53	324.89
Coil 2 P	7.693	24.201	40.412	56.530	72.538	88.364	104.210	119.682
Coil 3 M	720.99	713.93	699.91	679.46	651.60	618.87	579.88	536.64
Coil 3 P	7.743	24.423	40.876	57.274	73.740	90.038	106.425	122.578
Coil 4 M	1121.4	1110.4	1088.2	1056.4	1013.4	963.4	904.2	839.0
Coil 4 P	7.783	24.479	40.948	57.346	73.767	90.051	106.418	122.509
Coil 5 M	2307.9	2280.0	2223.7	2145.3	2043.3	1927.4	1795.0	1651.7
Coil 5 P	8.256	25.907	43.247	60.459	77.558	94.461	111.331	127.912
Coil 6 M	6005.1	5935.4	5797.4	5601.0	5342.2	5045.9	4699.5	4320.9
Coil 6 P	8.088	25.715	43.013	60.192	77.329	94.263	111.249	127.896

HDIL AFTER LOG VERIFICATION SUMMARY

TOOL #: 1515MA 069832 DATE/TIME PERFORMED: Sun Nov 15 14:16:30 2009 DAYS SINCE CAL: 16

UNIT #: 3885TD ML4232

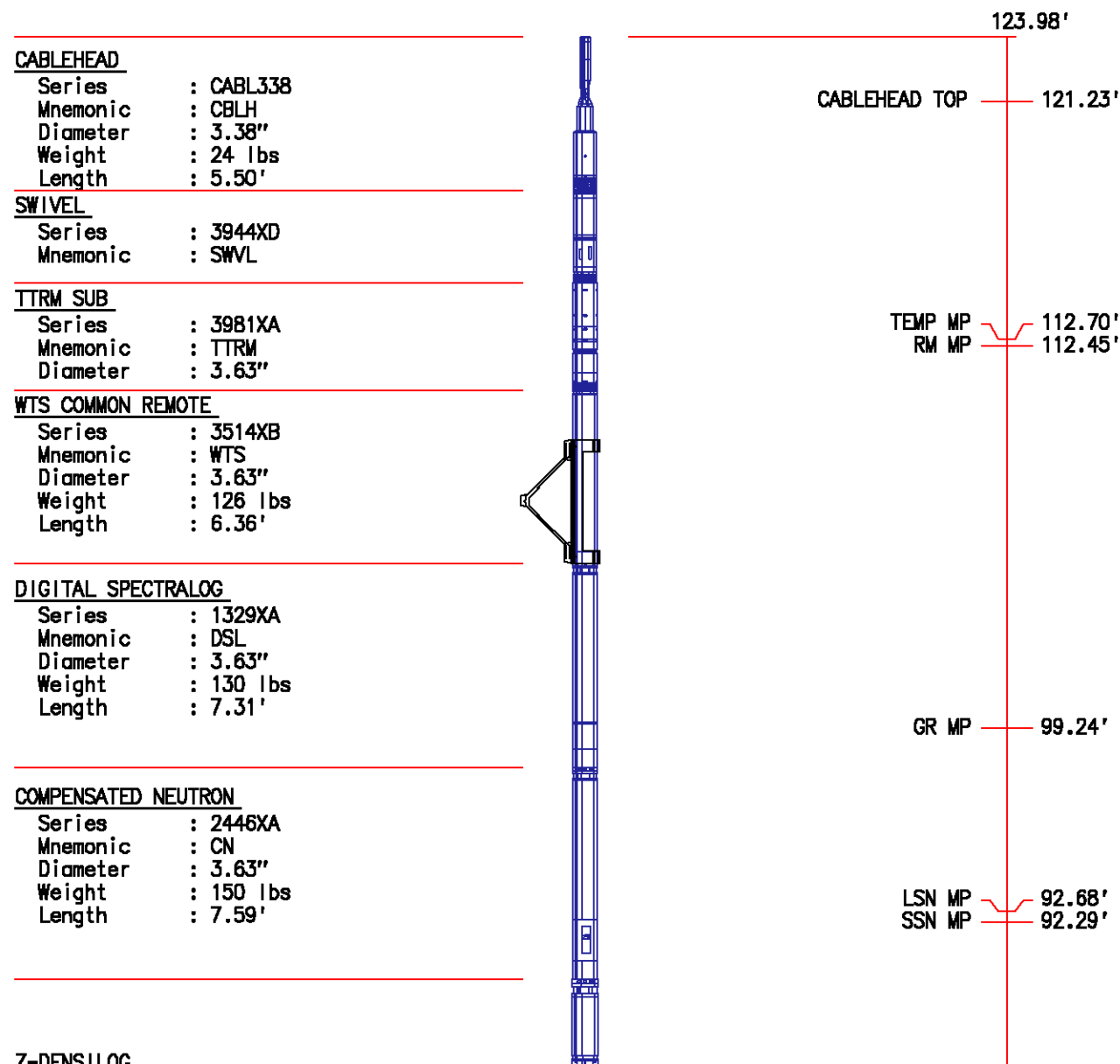
ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	0.004	0.004	0.002	-0.000	-0.003	-0.002	-0.002	-0.001
Coil 0 Q	0.006	0.009	0.006	0.004	0.002	-0.000	-0.003	-0.003
Coil 1 R	0.007	0.009	0.006	0.005	-0.000	-0.002	-0.004	-0.002
Coil 1 Q	0.003	0.006	0.005	0.007	0.007	0.005	0.003	-0.002
Coil 2 R	0.004	0.004	0.000	-0.003	-0.002	-0.002	0.000	0.002
Coil 2 Q	-0.003	0.000	0.001	0.002	-0.001	-0.005	-0.003	-0.004
Coil 3 R	0.002	0.003	0.001	0.001	-0.001	0.004	-0.000	0.000
Coil 3 Q	-0.002	-0.001	-0.001	-0.001	0.000	0.002	-0.001	-0.001
Coil 4 R	-0.007	-0.004	-0.000	0.002	-0.003	0.002	0.002	0.001
Coil 4 Q	-0.007	-0.002	0.002	0.005	0.004	-0.003	-0.006	-0.003
Coil 5 R	-0.003	0.004	-0.002	0.004	0.002	-0.005	-0.005	-0.010
Coil 5 Q	-0.006	-0.003	0.004	0.005	0.010	0.004	0.006	0.004
Coil 6 R	-0.001	-0.010	0.012	-0.014	-0.010	-0.003	0.002	0.010
Coil 6 Q	-0.029	-0.023	-0.012	-0.011	-0.011	-0.031	-0.014	-0.001

ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	126.35	125.01	122.29	118.43	113.31	107.41	100.54	92.96
Coil 0 P	7.539	23.773	39.735	55.584	71.424	87.081	102.774	118.209
Coil 1 M	219.47	217.05	212.07	205.09	195.87	185.20	172.90	159.51
Coil 1 P	7.640	24.081	40.249	56.294	72.283	88.072	103.876	119.352
Coil 2 M	445.29	440.17	429.89	415.47	396.71	375.29	350.46	323.79
Coil 2 P	7.738	24.335	40.629	56.800	72.878	88.752	104.601	120.201

Coil 3 M	722.36 706.57 735.41	715.12 699.65 728.21	700.73 685.91 713.90	679.91 665.87 693.05	651.75 638.97 664.63	618.48 606.48 631.25	579.01 568.28 591.47	535.51 525.91 547.38
Coil 3 P	7.785 4.743 10.743	24.551 21.423 27.423	41.083 37.976 43.978	57.538 54.274 60.274	74.059 70.740 76.740	90.427 87.038 93.038	106.853 103.425 109.425	123.067 119.578 125.578
Coil 4 M	1123.1 1089.0 1143.8	1111.8 1088.2 1132.6	1089.0 1066.4 1109.9	1056.5 1033.3 1077.5	1013.1 993.1 1033.7	962.3 944.1 982.6	902.7 886.1 922.3	836.7 822.3 855.8
Coil 4 P	7.827 4.783 10.783	24.608 21.479 27.479	41.156 37.946 43.948	57.612 54.346 60.346	74.094 70.767 76.767	90.415 87.051 93.051	106.819 103.418 109.418	122.989 119.509 125.509
Coil 5 M	2311.8 2261.6 2354.1	2283.4 2234.4 2325.6	2226.1 2179.3 2268.2	2146.4 2102.4 2188.3	2043.6 2002.4 2084.1	1926.1 1886.9 1966.0	1792.4 1759.1 1830.9	1647.9 1618.7 1684.8
Coil 5 P	8.297 5.256 11.256	26.036 22.907 28.907	43.459 40.247 46.247	60.724 57.458 63.459	77.897 74.558 80.558	94.845 91.461 97.461	111.785 108.331 114.331	128.405 124.912 130.912
Coil 6 M	6009.7 5885.0 6125.2	5938.2 5818.7 6054.1	5796.8 5681.4 5913.3	5596.8 5488.9 5713.0	5337.6 5235.3 5449.0	5035.0 4945.0 5148.8	4686.5 4605.5 4793.5	4307.5 4234.4 4407.3
Coil 6 P	8.135 5.088 11.088	25.841 22.715 28.715	43.213 40.013 46.013	60.441 57.192 63.192	77.630 74.329 80.329	94.629 91.263 97.263	111.643 108.249 114.249	128.369 124.896 130.896

INSTRUMENT CONFIGURATION

Source File: /dat1a/575995/k771f-tdg



22234XA
Series : 2234XA
Mnemonic : ZDL
Diameter : 4.88"
Weight : 360 lbs
Length : 11.22'

CAL MP 82.02'
LSD MP 81.31'
SSD MP 80.91'

KNUCKLE JOINT (DOUBLE)

Series : 3939XA
Mnemonic : KNJT
Diameter : 3.38"
Weight : 90 lbs

HIGH DEFINITION INDUCTION TOOL

Series : 1515XA
Mnemonic : HDIL
Diameter : 3.62"
Weight : 415 lbs
Length : 27.13'

SP MP 60.95'

XMTR MP 54.49'

DIGITAL ORIENTATION

Series : 4401XB
Mnemonic : ORIT
Diameter : 3.38"
Weight : 110 lbs
Length : 10.81'

ORIENT MP 36.24'

ARRAY ACOUSTILOG ELECTRONICS, 8 CHANNEL

Series : 1677EA
Mnemonic : XMAC
Diameter : 3.38"
Weight : 102 lbs
Length : 7.82'

CROSS MULTIPOLE ARRAY ACOUSTILOG

Series : 1678MC
Mnemonic : XMF1
Diameter : 3.75"
Weight : 224 lbs
Length : 10.91'

R8 23.01'
R7 22.51'
R6 22.01'
R5 21.51'
R4 21.01'
R3 20.51'

SHEAR WAVE ACOUSTIC LOG

Series : 1678PB
Mnemonic : XMAC
Diameter : 3.63"
Weight : 135 lbs

MULTI-POLE ARRAY ACOUSTIC

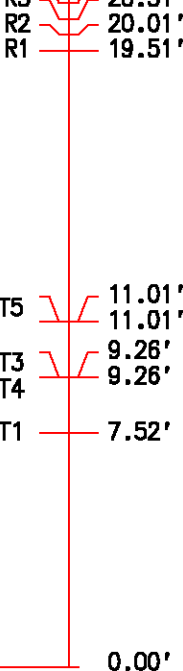
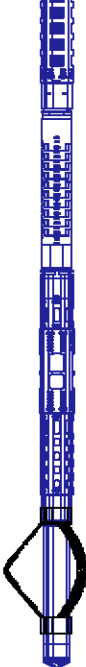
Series : 1678BA
Mnemonic : XMAC
Diameter : 3.88"
Weight : 170 lbs
Length : 7.92'

MULTI-POLE ARRAY ACOUSTIC

Series : 1678FA
Mnemonic : MAC
Diameter : 3.38"
Weight : 58 lbs



BULL PLUG 3 3/8

TOTAL LENGTH: 123.98'
TOTAL WEIGHT: 2257 lbs
MAX DIAMETER: 0'4.88"



MONOPOLE T2
QUADRUPOLE T5
X-DIPOLE T3
Y-DIPOLE T4
MONOPOLE T1

11.01'
11.01'
9.26'
9.26'
7.52'

 Baker Atlas 	COMPANY <u>SIERRA GEOTHERMAL POWER, INC.</u>		FILE NO: _____
	WELL <u>ALUM 25-29</u>		API NO: _____
	FIELD <u>ALUM</u>		27-009-90074
	COUNTY <u>ESMERALDA</u>	STATE <u>NEVADA</u>	
LOCATION: <u>2235.18' FSL & 938.11' FWL</u> <u>SW/C</u>		ELEVATIONS: KB <u>4919.57 FT</u> DF GL <u>4903.57 FT</u>	
SEC <u>29</u>	TWP <u>1N</u>	RGE <u>38.5E</u>	