



FILE NO:	COMPANY	CMX INC
API NO:	WELL	DAVIS FARMS #1V
15-097-21739	FIELD	FRUIT
	COUNTY	KIOWA
	STATE	KANSAS
Ver. 3.87	LOCATION:	OTHER SERVICES
FINAL	1150' FSL & 780' FWL	HDIL/GR DAL/GR ML/SL
	SEC 33 TWP 27S RGE 16W	
PERMANENT DATUM	GL	ELEVATION 2142 FT
LOG MEASURED FROM	KB	13 FT ABOVE P.D.
DRILL MEAS. FROM	KB	ELEVATIONS: KB 2155 FT DF 2153 FT GL 2142 FT

DATE			04-Nov-2012		
RUN	TRIP		1	1	
SERVICE ORDER			611594		
DEPTH DRILLER			4810 FT		
DEPTH LOGGER			4815 FT		
BOTTOM LOGGED INTERVAL			4780 FT		
TOP LOGGED INTERVAL			2300 FT		
CASING DRILLER			8.625 IN ④ 402 FT		
CASING LOGGER			NOT LOGGED		
BIT SIZE			7.875 IN		
TYPE OF FLUID IN HOLE			CHEMICAL		
DENSITY	VISCOSITY		9.20 LB/G		120 S
PH	FLUID LOSS		9.0		8.4 C3
SOURCE OF SAMPLE			FLOWLINE		
RM AT MEAS. TEMP.			0.774 OHMM		④ 75 DEGF
RMF AT MEAS. TEMP.			0.580 OHMM		④ 75 DEGF
RMC AT MEAS. TEMP.			0.967 OHMM		④ 75 DEGF
SOURCE OF RMF		RMC	CALCULATED	CALCULATED	
RM AT BHT		0.539 OHMM		④ 110 DEGF	④
TIME SINCE CIRCULATION			4 HRS		
MAX. RECORDED TEMP.			113 DEGF		
EQUIP. NO.	LOCATION		HL-6680		WOODWARD
RECORDED BY			K.SCHADE		
WITNESSED BY			KEN LEBLANC		

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 : Z-DENSITY LOG AND COMPENSATED NEUTRON RECORDED ON LIMESTONE MATRIX
CNC BOREHOLE AND SALINITY CORRECTED
RHO MATIRX = 2.71 G/CC

BVOL = TOTAL BOREHOLE VOLUME
CVOL = TOTAL BOREHOLE VOLUME MINUS 4.5" CASING

RIG: DUKE DRILLING RIG #7
CREW: D.BARNARD, D.MUDD, S.JACKSON
BAKER HUGHES APPRECIATES CMX'S WORK !!!!

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	TIRM	3981 XA	178317	FREE
1	1	COMREM	3514 XB	184374	FREE
1	1	DGR	1329 XA	10054779	FREE
1	1	CN	2446 XA	173079	DECENTRALIZED
1	1	...	...	...	...

1	1	ZDL	2234 MA	179939	PAD DEVICE
1	1	DBLKNL	3939 XA	186262	FREE
1	1	HDIL	1515 EA/MA	10037712/10037722	1.5" STANDOFFS
2	2	TTRM	3981 XA	178317	FREE
2	2	COMREM	3514 XB	184374	FREE
2	2	DGR	1329 XA	10054779	FREE
2	2	CENT	4341 XA	151270	CENTRALIZED
2	2	ACCOM	1667 EA	172945	CENTRALIZED
2	2	DAL	1680 MA	151555	CENTRALIZED
2	2	CENT	4341 XA	177196	CENTRALIZED
2	2	SLAM	3516 XA	186145	CENTRALIZED
2	2	ML	3104XA	057925	PAD DEVICE

MAIN LOG LIMESTONE MATRIX PRESENTATION

ECLIPS 6.11 Aug 06, 2010
Updates: 1,2 Patches: 3

Sun Nov 4 07:01:12 2012

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.61

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/CMX_DAVIS_FARMS_1V/m876g02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 0.000 ft BOTTOM DEPTH: 0.000 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER TENSION GR	FILTER ()	medium (1)		TOP	BOTTOM
	FILTER ()	medium (1)		"	"
	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
SL CN	FILTER	medium (1)		"	"
	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
	FILTER	medium (1)		"	"
ZDL MED RES	FILTER (hrd1*)	medium		"	"
	FILTER (hrd1s*)	medium		"	"
	FILTER (hrd2*)	medium		"	"
	FILTER (hrd2s*)	medium		"	"
	FILTER (soft*)	medium		"	"
ZDL HIGH RES	FILTER (hrd1*)	light		"	"
	FILTER (hrd1s*)	light		"	"
	FILTER (hrd2*)	light		"	"
	FILTER (hrd2s*)	light		"	"
	FILTER (soft*)	light		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	4.500	in	TOP	BOTTOM
	CASING THICKNESS	0.304	in	"	"
BIT SIZE	BIT SIZE	7.875	in	"	"
MUD DENSITY	MUD DENSITY	9.20	lbm/gal	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		"	"
	CALIPER/FIXED DIA. (slbh*)	USE CALIPER		"	"
	CALIPER/FIXED DIA. (zdbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	7.875	in	"	"
	FIXED DIAMETER (slbh*)	7.875	in	"	"

SL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
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SL BOREHOLE	OPEN/CASED HOLE	OPEN HOLE	TOP	BOTTOM
	K MUD CONTENT	0.00	''	''
	K MUD TYPE	KCL	''	''
SL AUTOGAIN	AUTO GAIN (1329XA 1)	ON	''	''
SL SPECTRUM CALIBRATION	MODE	AUTOMATIC	''	''

CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
2446 CN MATRIX	2446 MATRIX	LIMESTONE		TOP BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	'' ''
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		'' ''
	BIT SIZE BEHIND CSNG	7.875	In	'' ''

ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
MUD DENSITY	MUD DENSITY	9.20	lbm/gal	TOP BOTTOM
DENSITY POROSITY	RHO _{matrix}	2.710	g/cm ³	'' ''
	RHO _{fluid}	1.000	g/cm ³	'' ''
ZDL	DENX TRACKING	ON		'' ''

CURVE DESCRIPTION REPORT

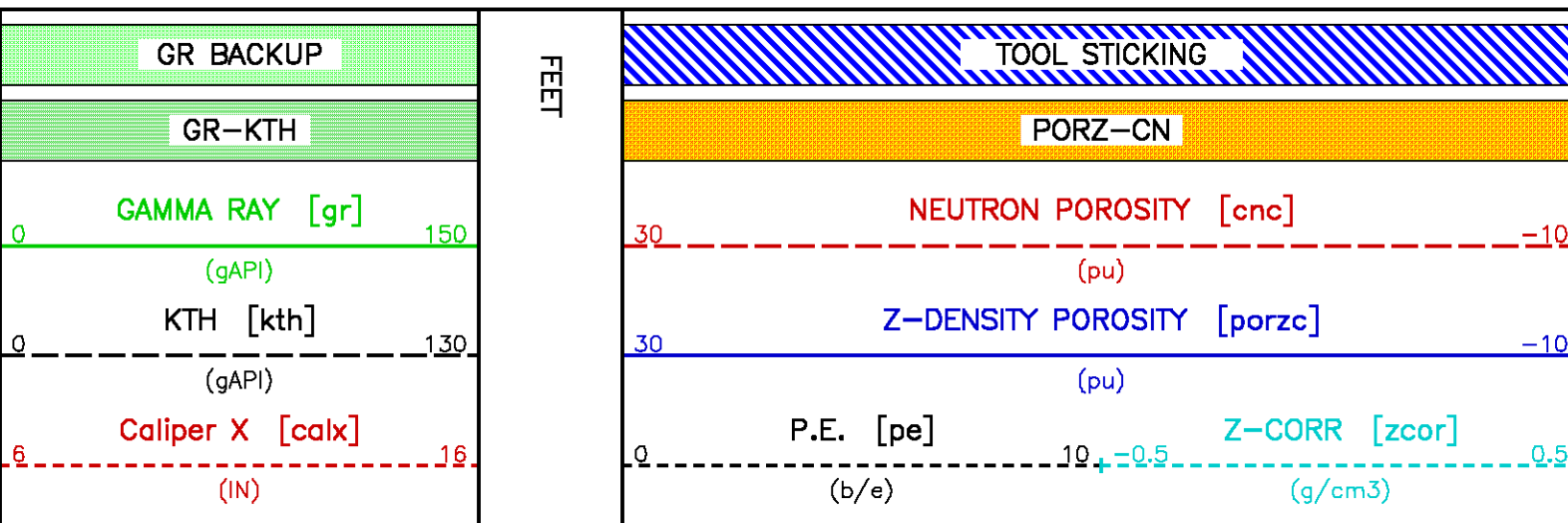
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BVOL	Nov 4 05:07:52 2012	BOREHOLE VOLUME
F1:CALX	Nov 4 05:07:52 2012	CALIPER FROM X-AXIS OF XY CALIPER(S)
F1:CNC	Nov 4 05:07:52 2012	BOREHOLE SIZE CORRECTED COMPENSATED NEUTRON POROSITY
F1:CVOL	Nov 4 05:07:52 2012	CEMENT VOLUME
F1:GR	Nov 4 05:07:52 2012	GAMMA RAY
F1:KTH	Nov 4 05:07:52 2012	STRIPPED POTASSIUM-THORIUM
F1:PE	Nov 4 05:07:52 2012	PHOTO ELECTRIC CROSS-SECTION
F1:PORZC	Nov 4 05:07:52 2012	CORRECTED POROSITY
F1:TEN	Nov 4 05:07:52 2012	DIFFERENTIAL TENSION
F1:ZCOR	Nov 4 05:07:52 2012	DENSITY CORRECTION

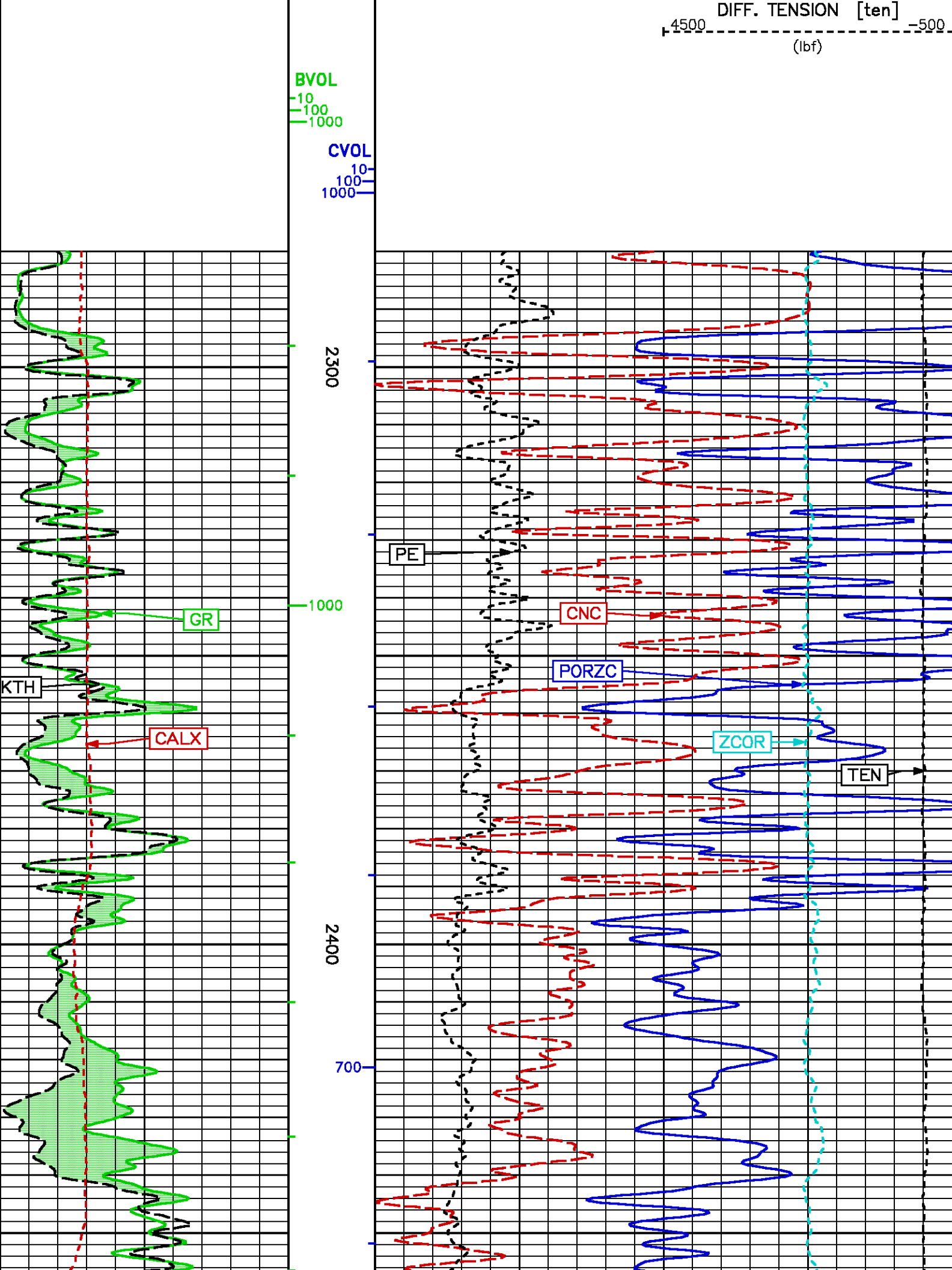
CURVE MEASURE POINT OFFSET

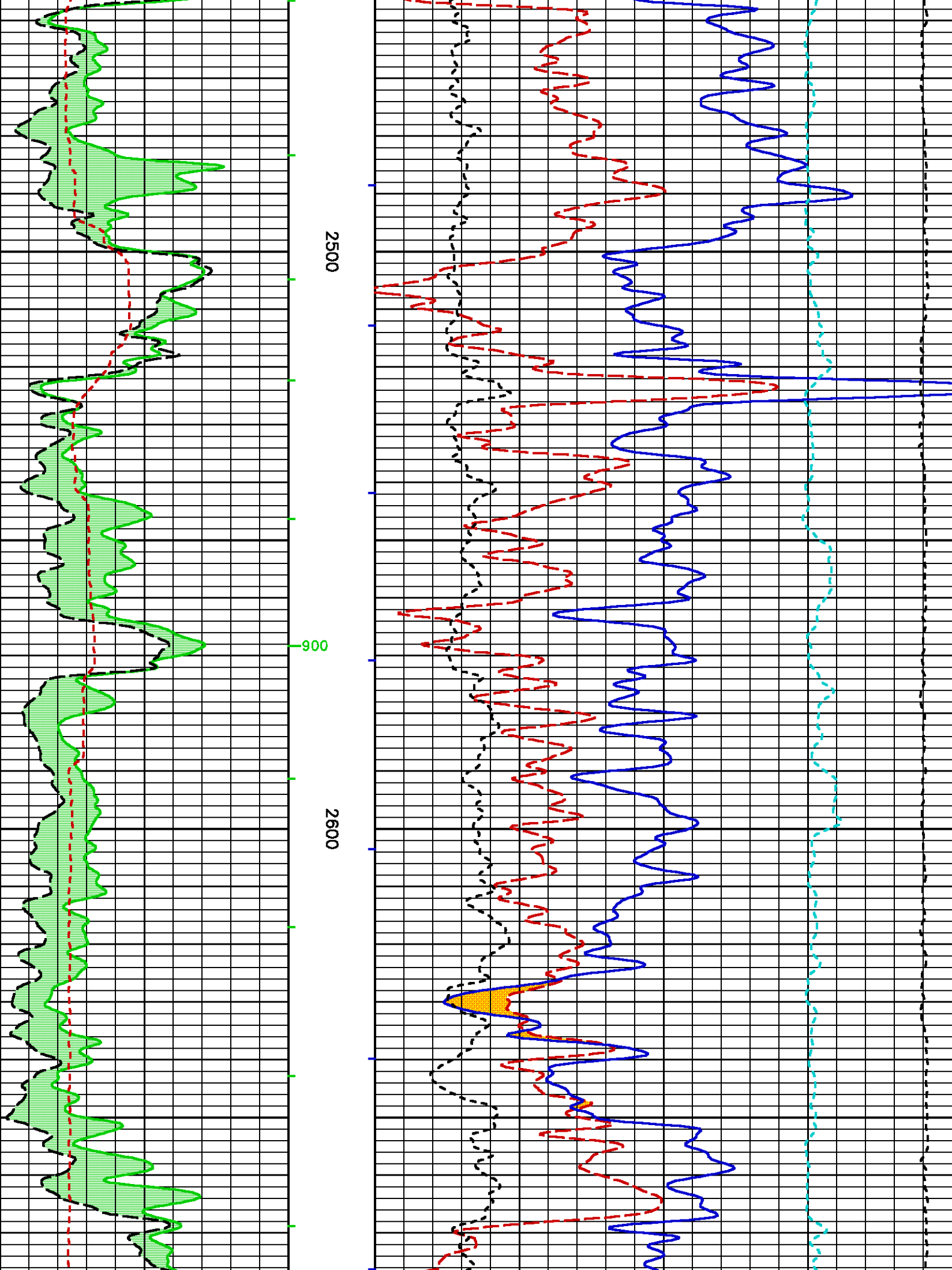
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CALX	35.00	GR	52.25	PE	34.25	TEN	0.00
CNC	45.25	KTH	52.25	PORZC	34.25	ZCOR	34.25

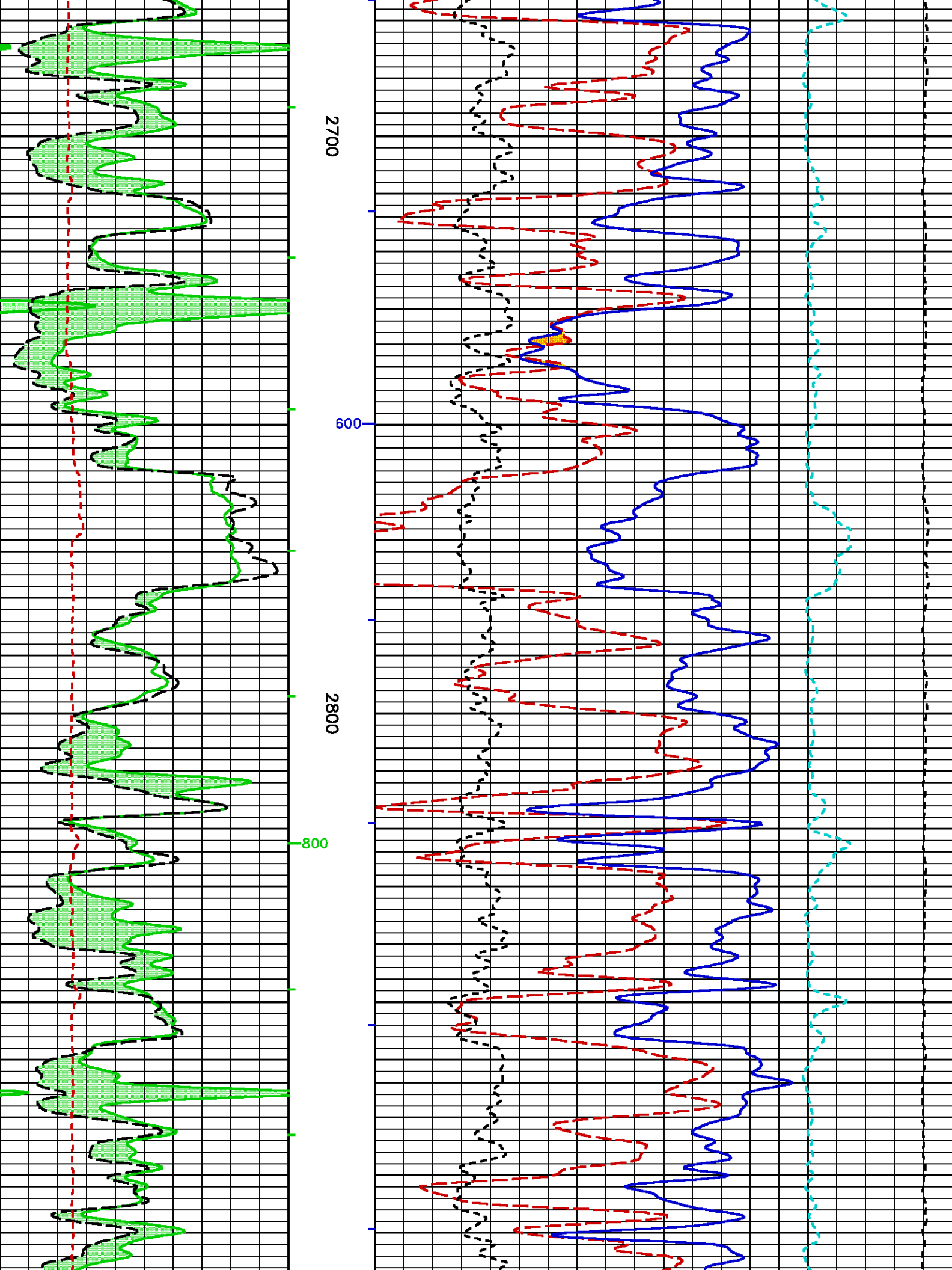
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Plot Interval : 2280 - 4827.75 Feet

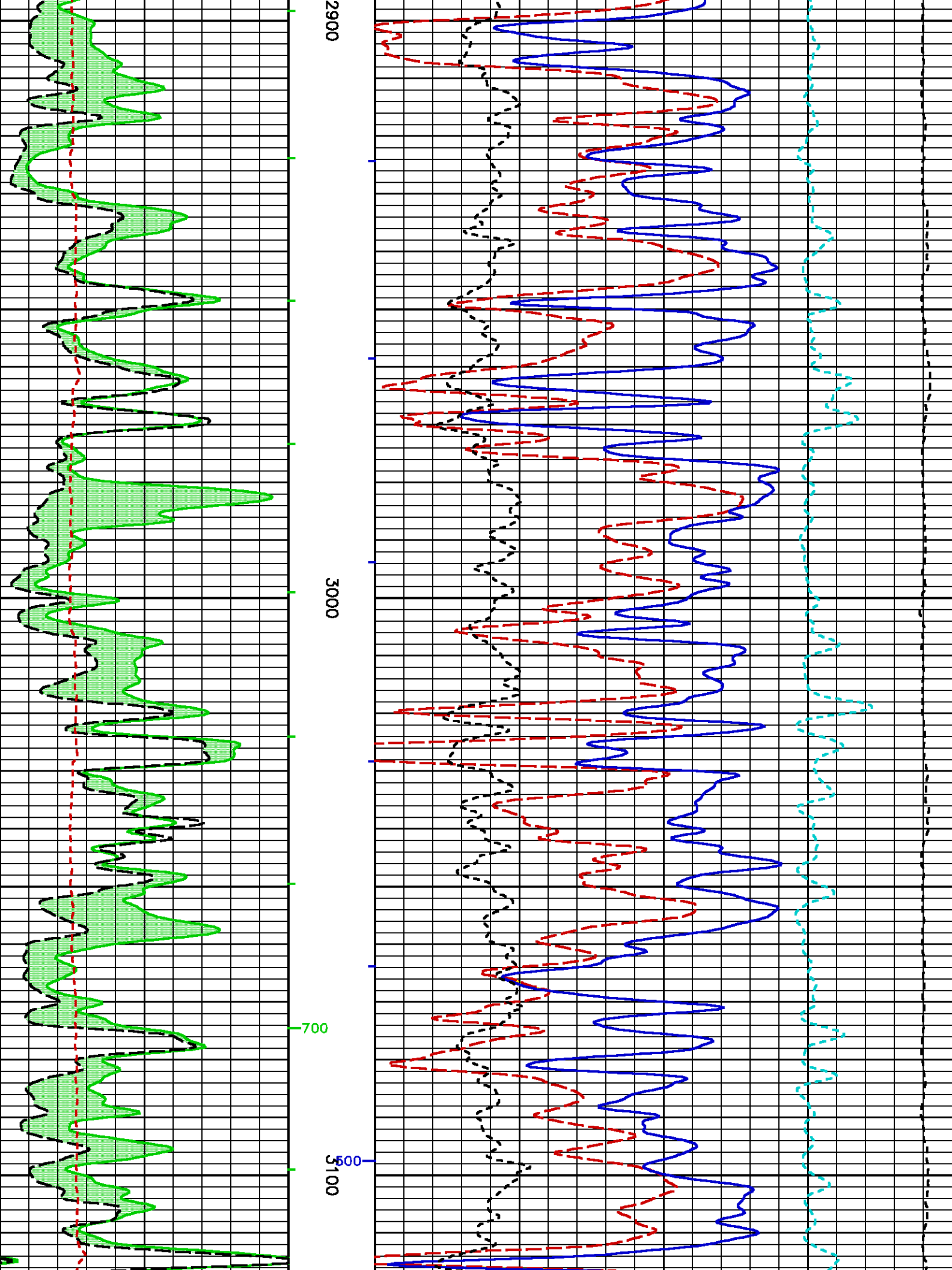
Data File 1 : F1 : wwsys71:/dat1a/CMX_DAVIS_FARMS_1V/DETAIL.xtf
Created On : Nov 4 05:07:52 2012
Company : CMX OIL AND GAS
Well : DAVIS FARMS #1V
Field : X
File Interval : 2280 - 4829 Feet
Oct : m876g

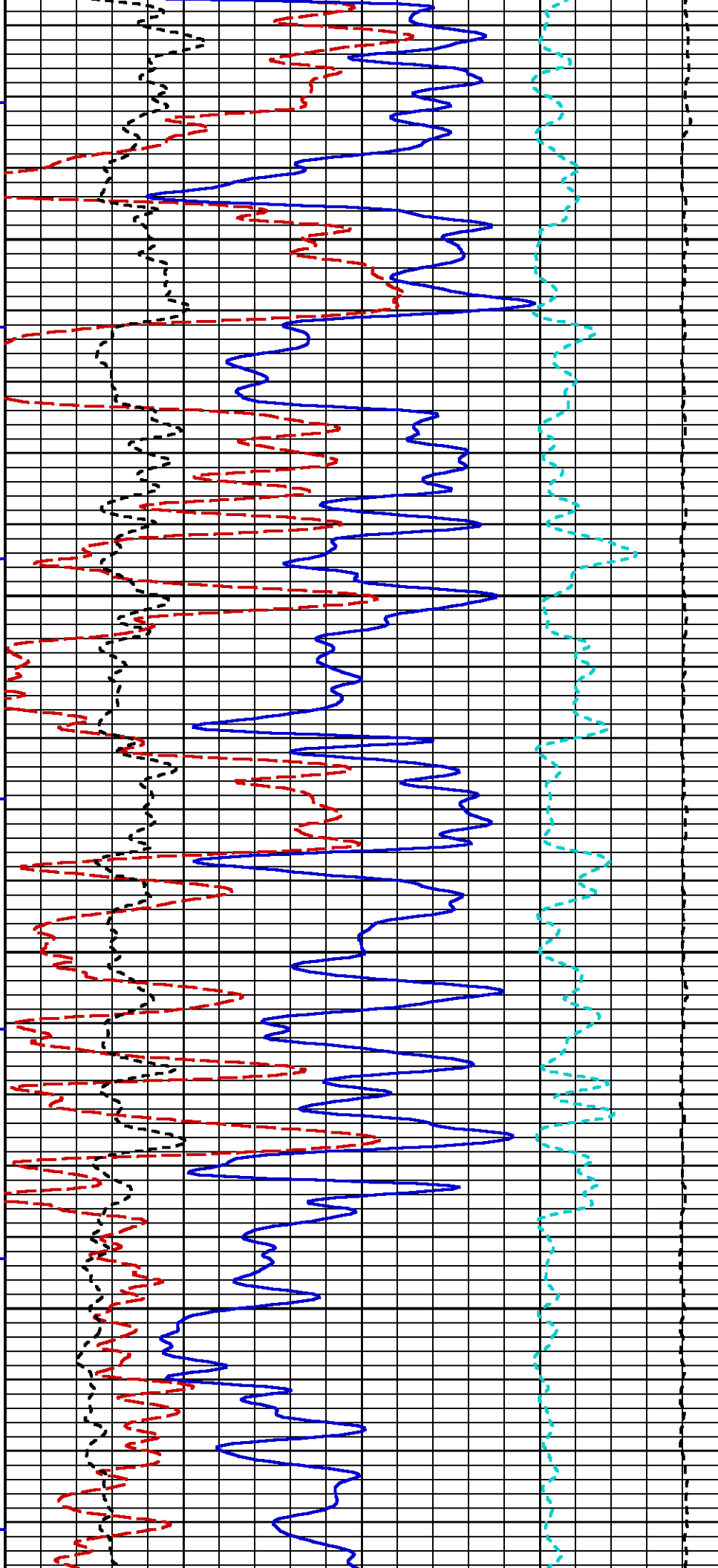








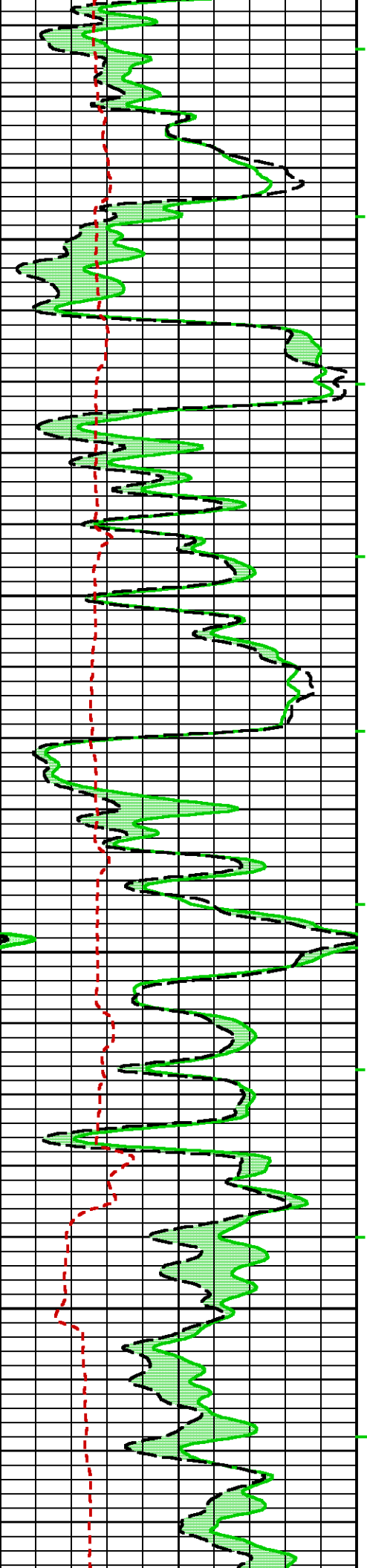


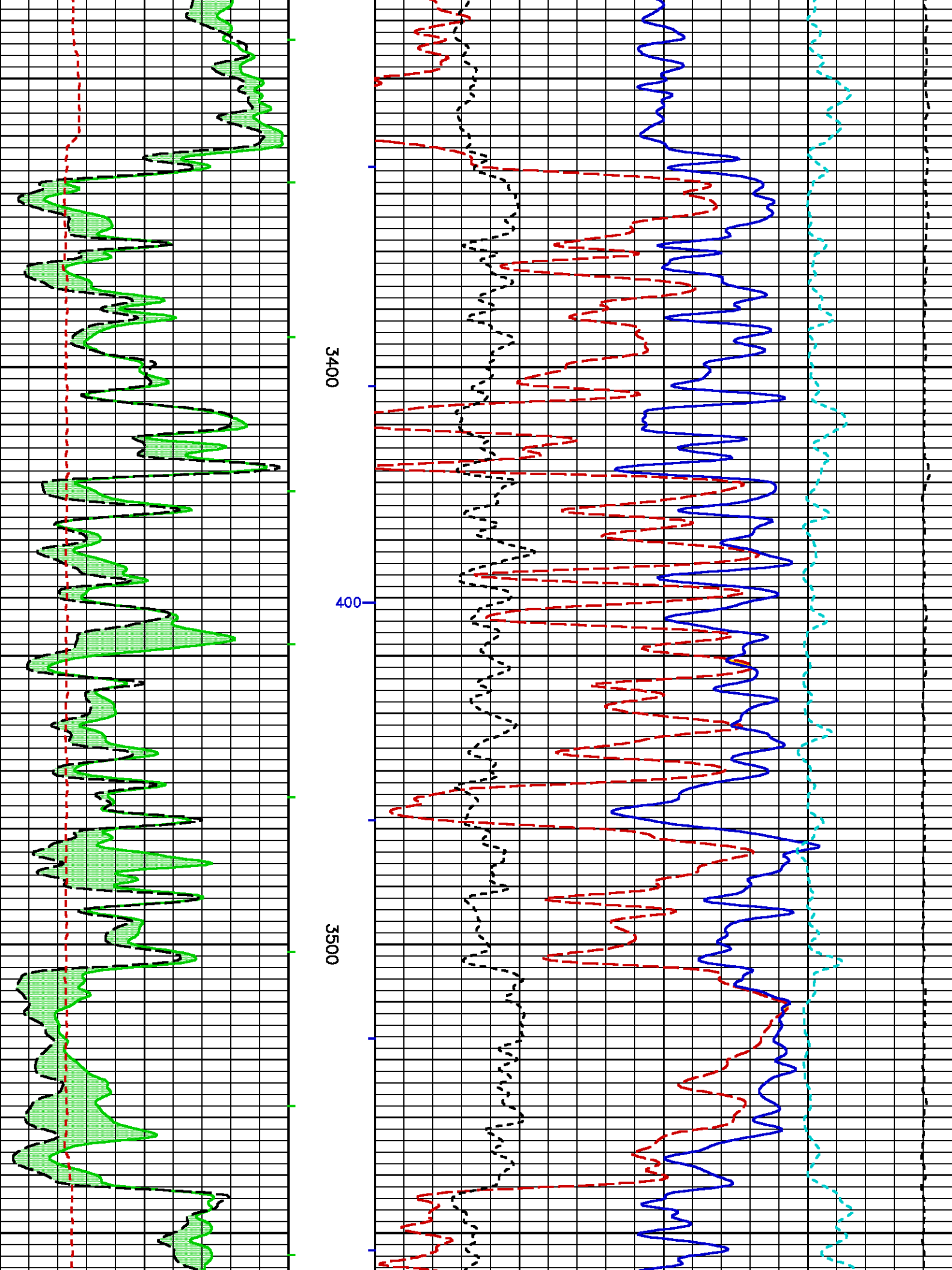


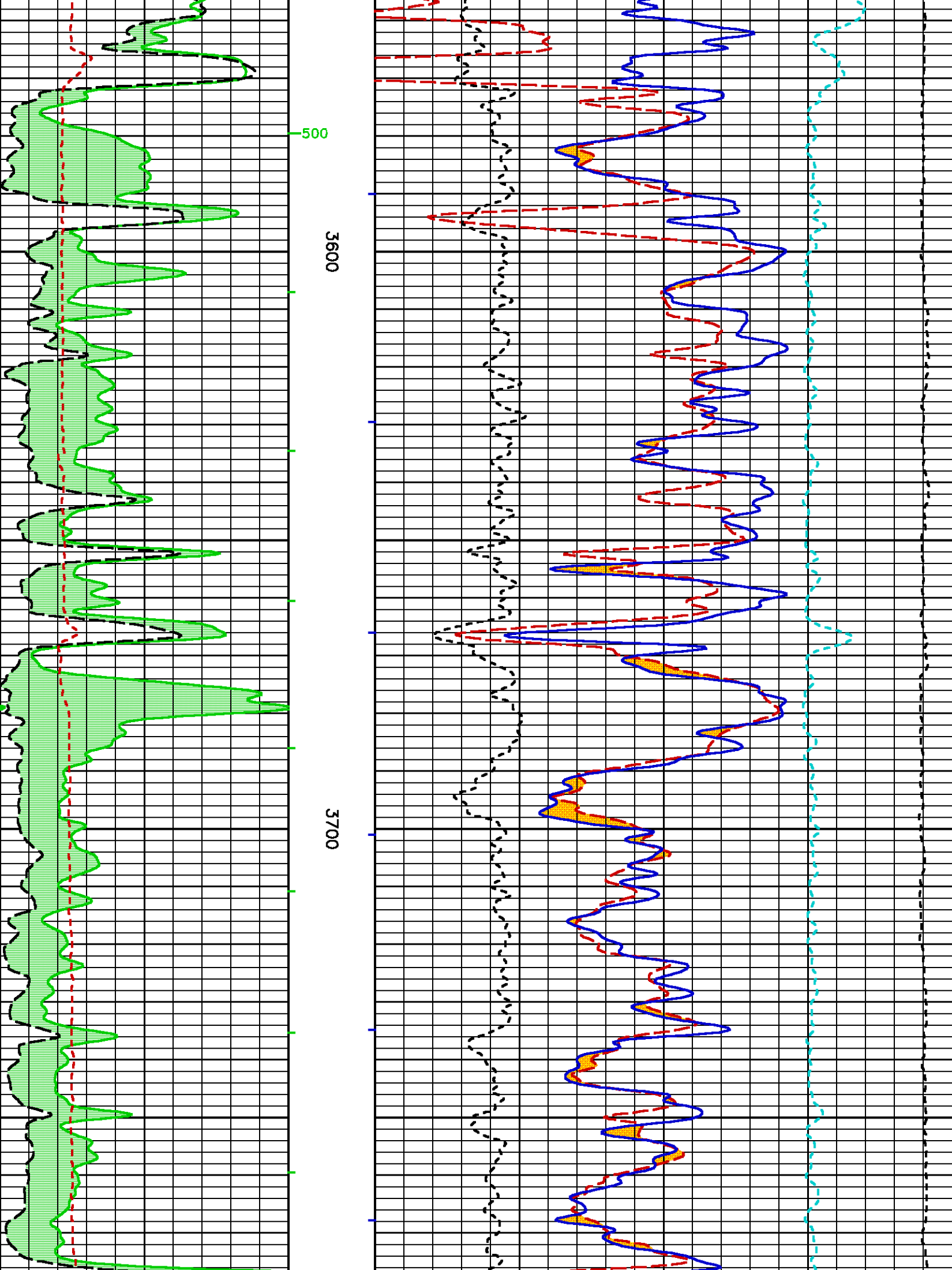
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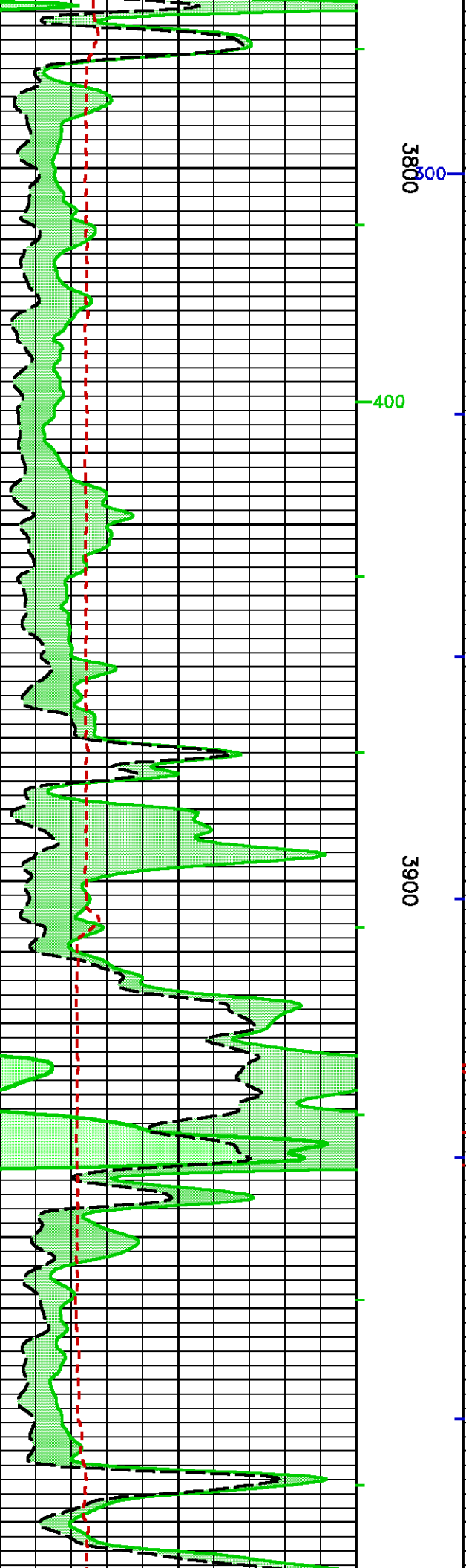
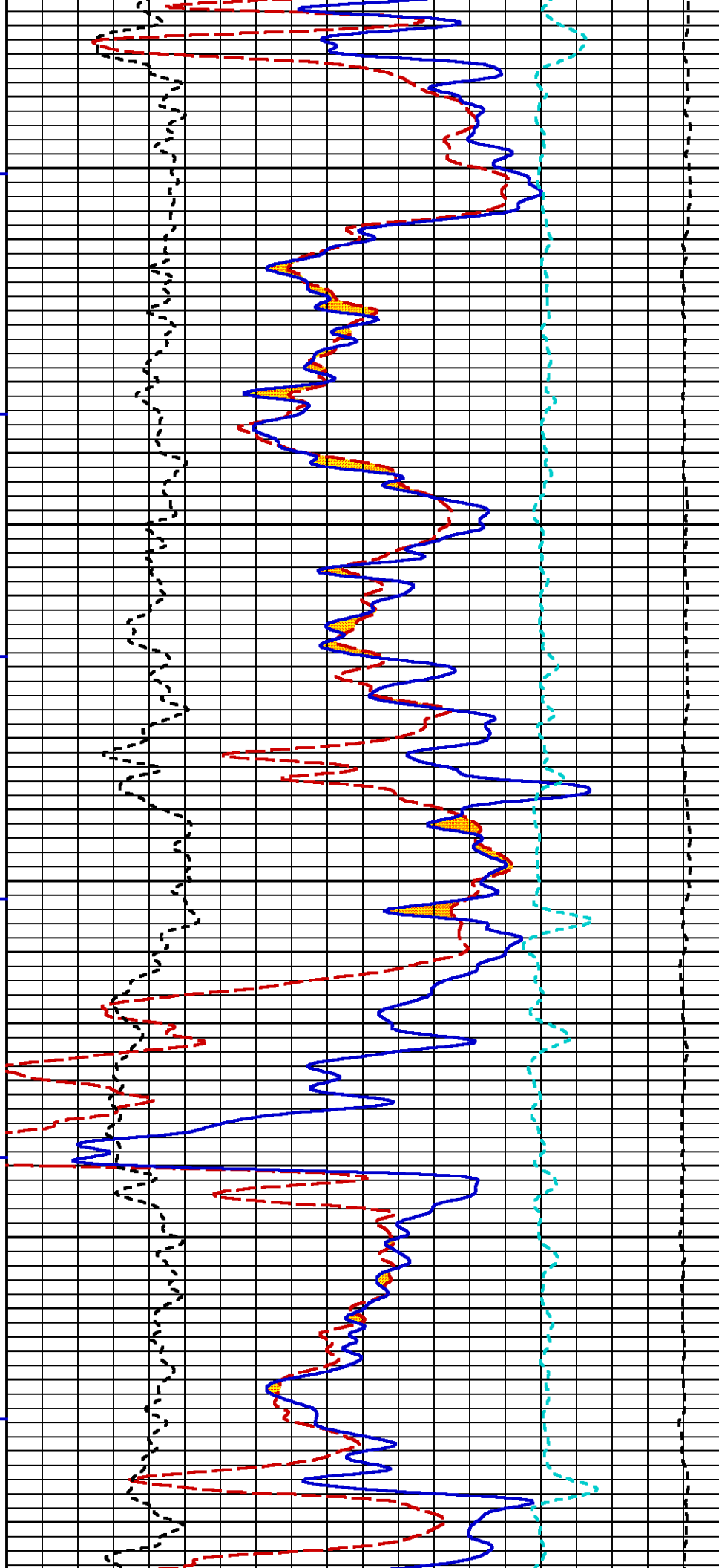
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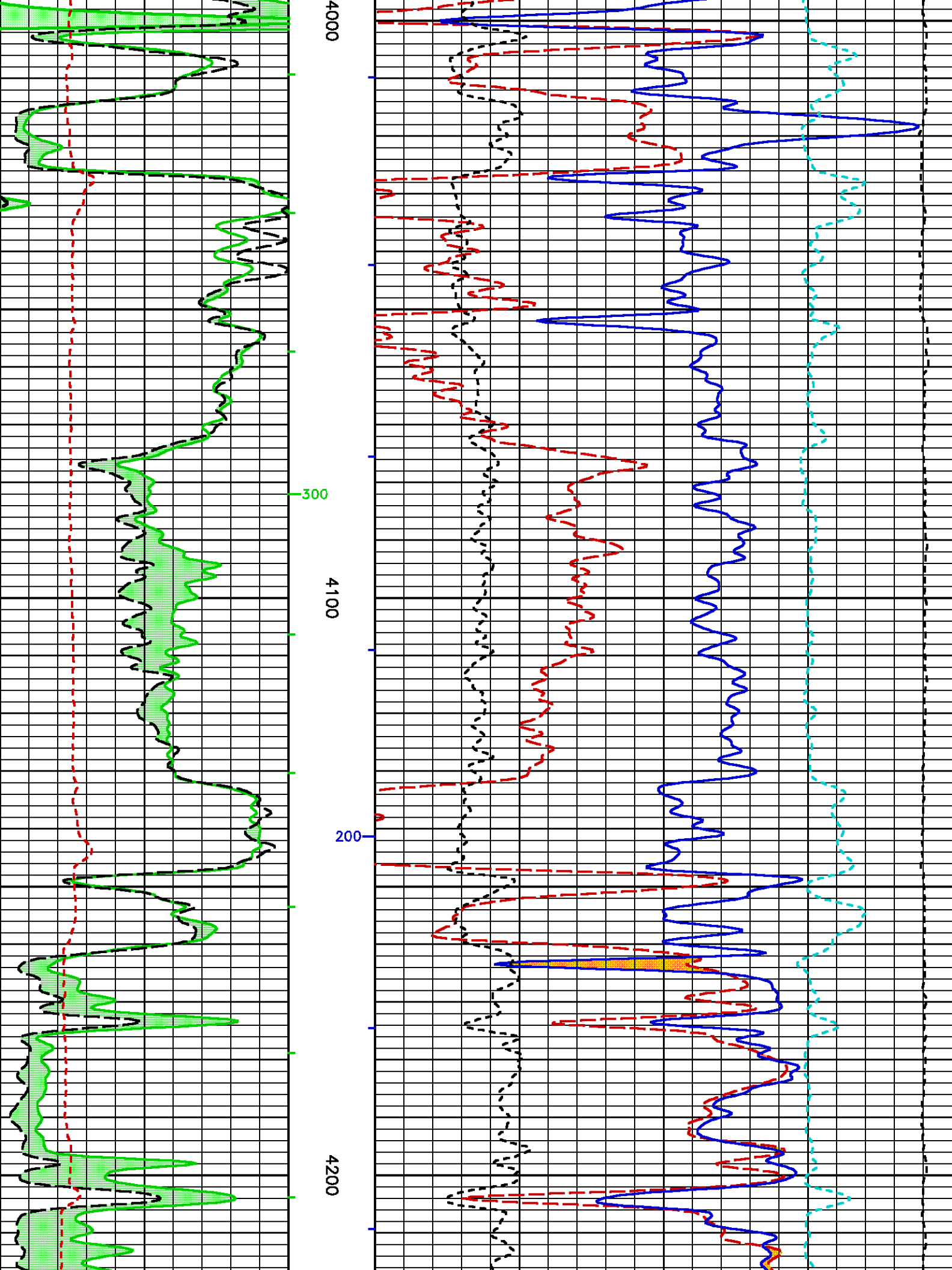
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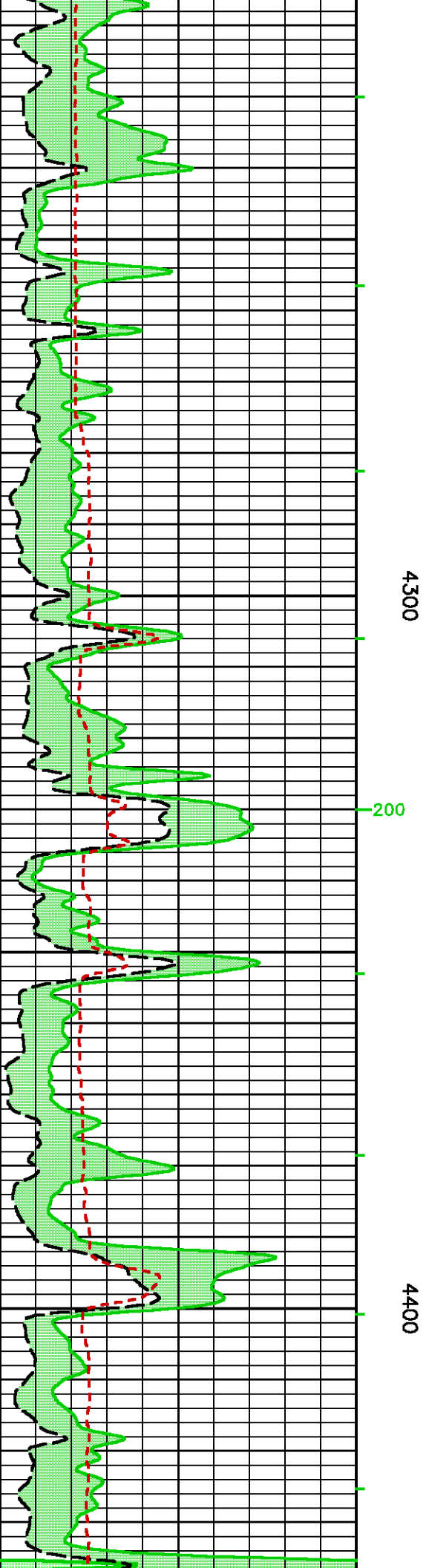
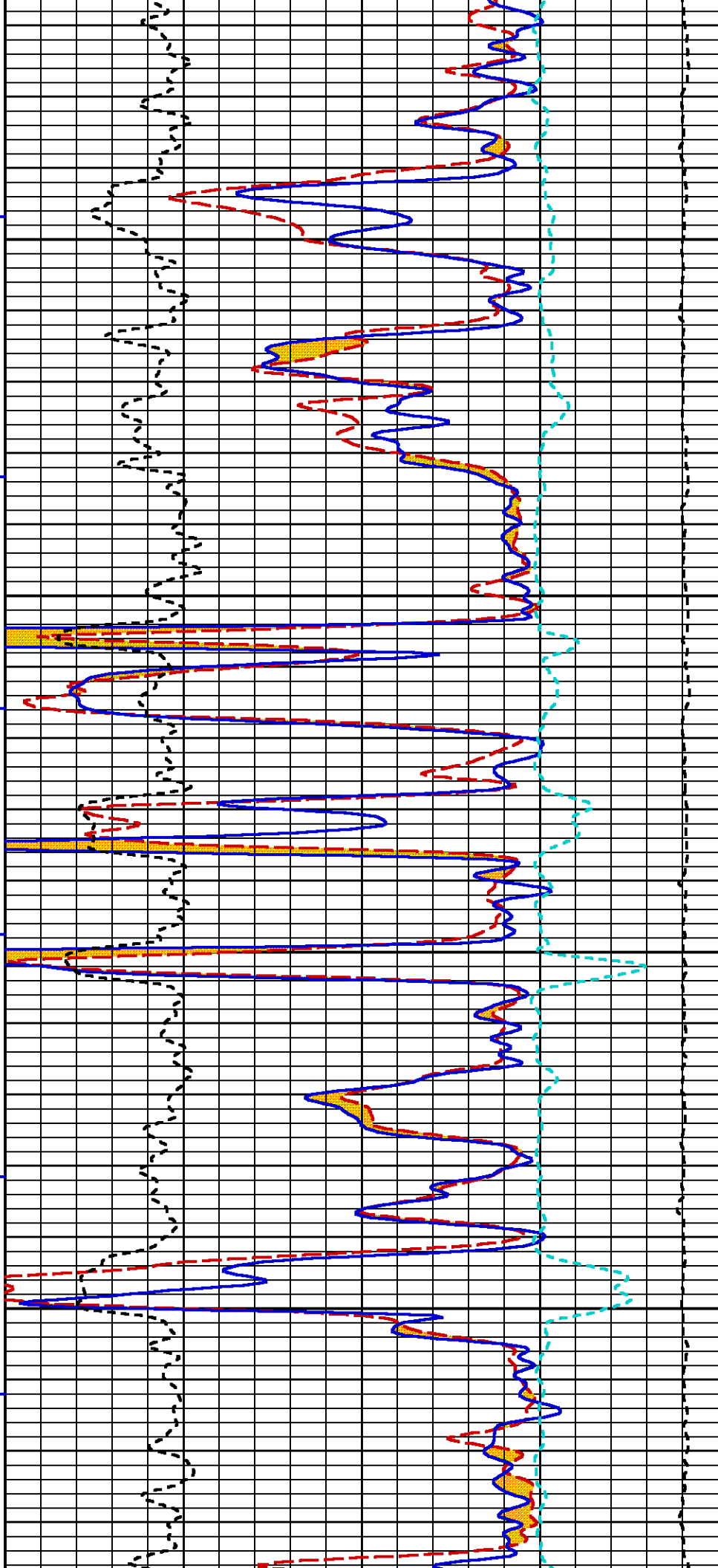


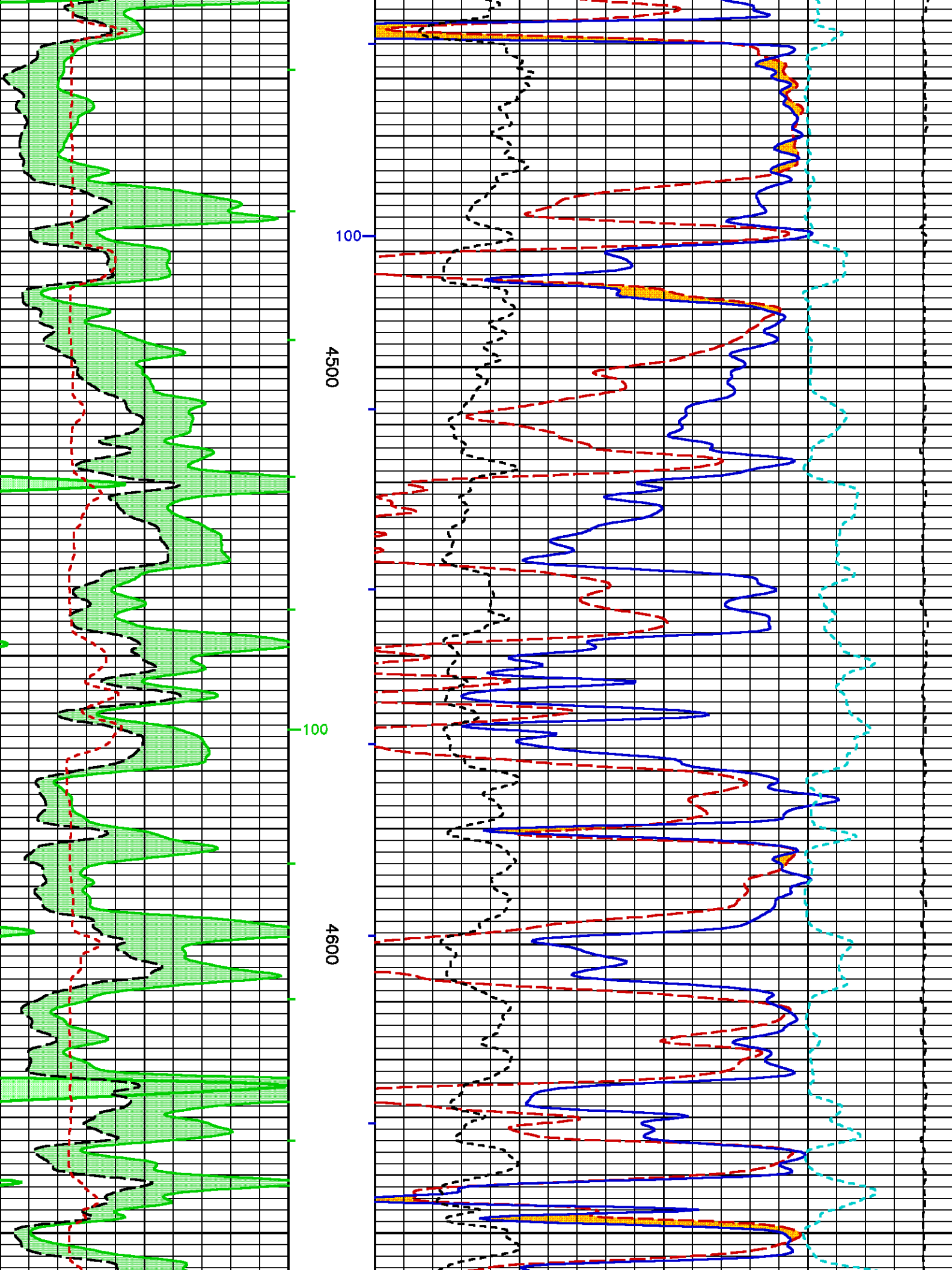


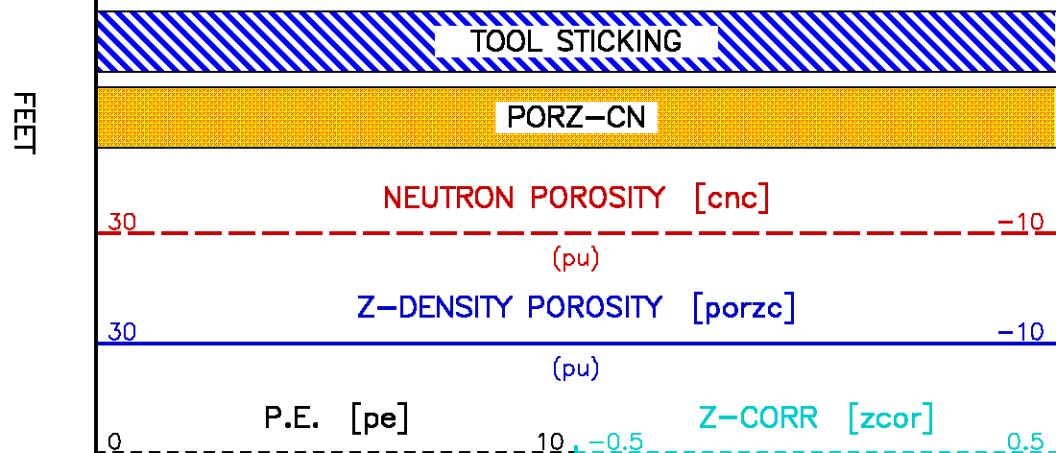
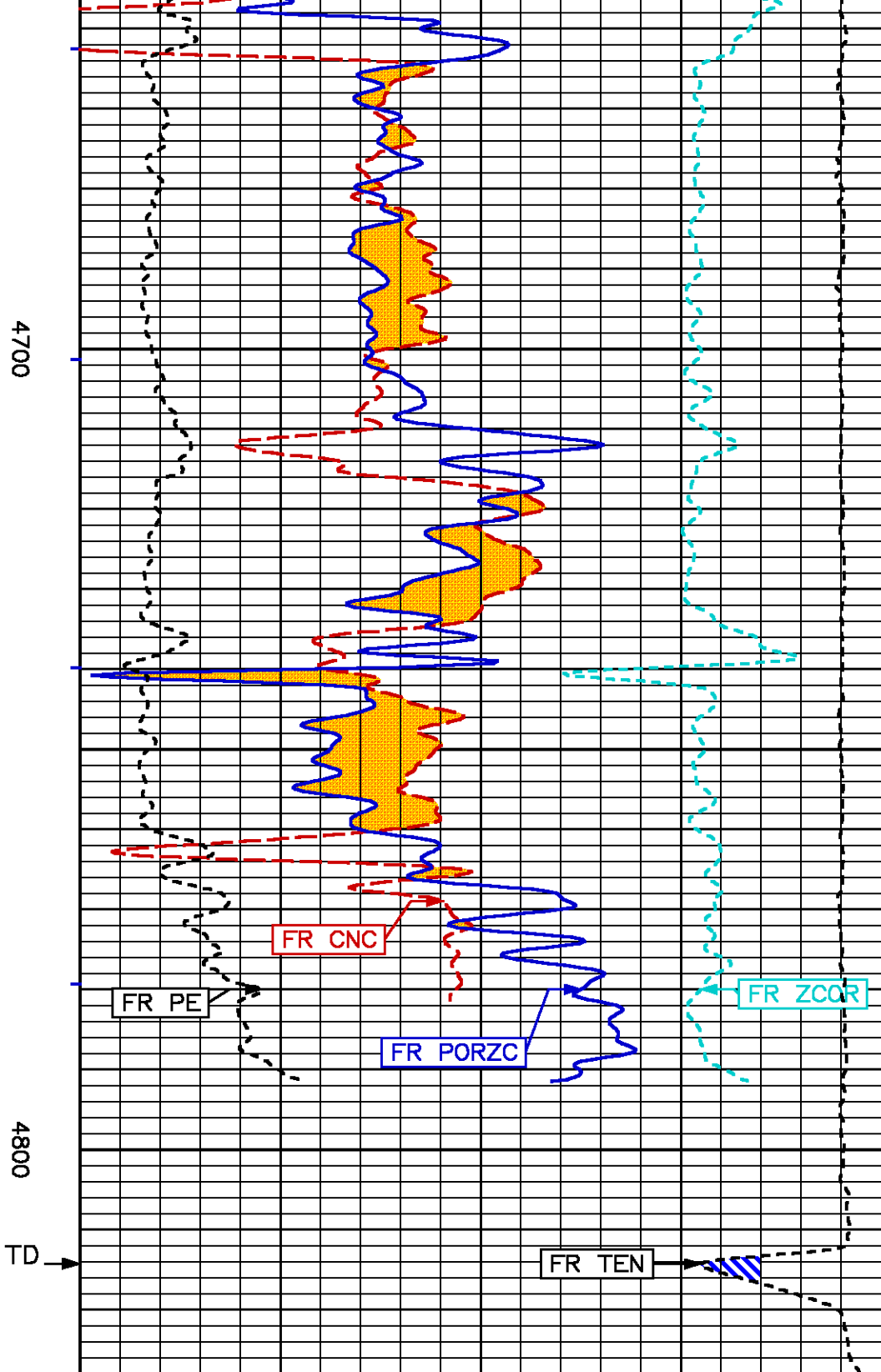
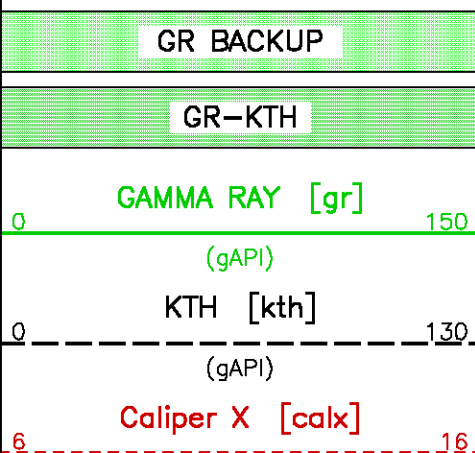
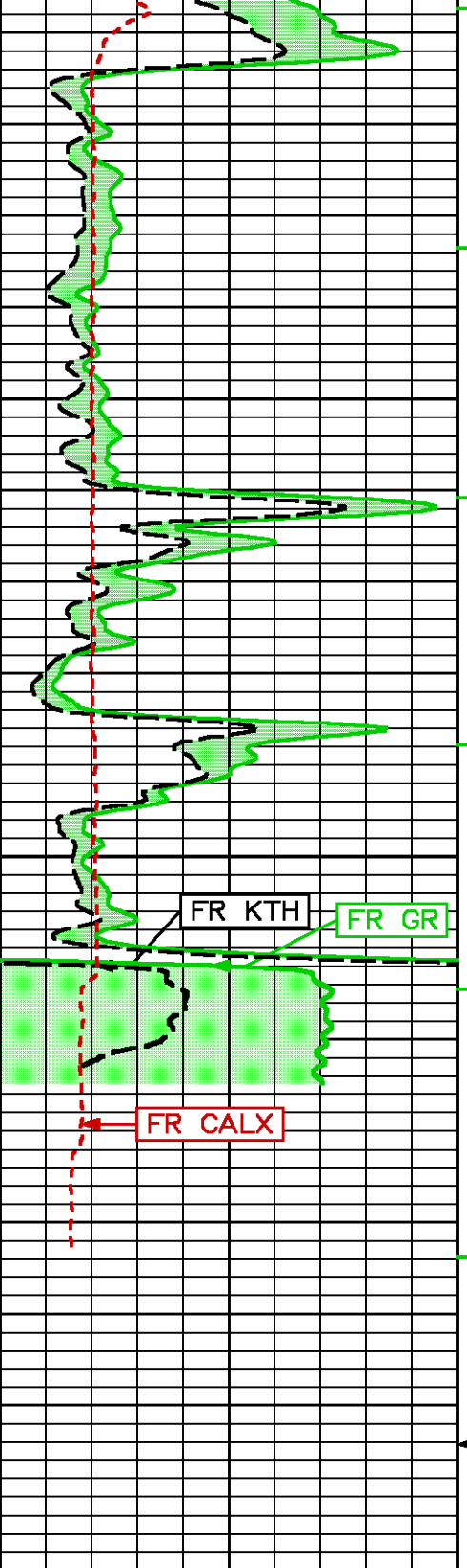


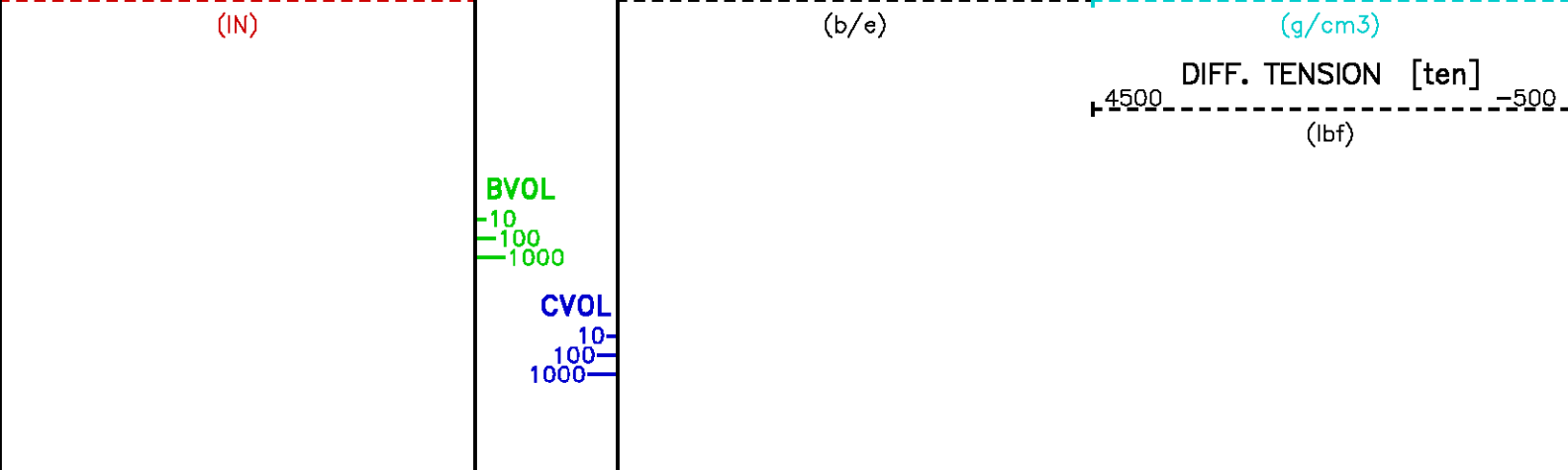












REPEAT LOG LIMESTONE MATRIX PRESENTATION

ECLIPS 6.11 Aug 06, 2010
Updates: 1,2 Patches: 3

Sun Nov 4 05:05:53 2012

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.61

PARAMETER AND FILTER SUMMARY REPORT

File: /data1a/CMX_DAVIS_FARMS_1V/m876g01.prm
 LOGGING MODE: DEPTH DIRECTION: UP
 TOP DEPTH: 4518.250 ft BOTTOM DEPTH: 4821.000 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
SL	FILTER ()	medium (1)		"	"
CN	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
ZDL MED RES	FILTER (hrd1*)	medium		"	"
	FILTER (hrd1s*)	medium		"	"
	FILTER (hrd2*)	medium		"	"
	FILTER (hrd2s*)	medium		"	"
	FILTER (soft*)	medium		"	"
ZDL HIGH RES	FILTER (hrd1*)	light		"	"
	FILTER (hrd1s*)	light		"	"
	FILTER (hrd2*)	light		"	"
	FILTER (hrd2s*)	light		"	"
	FILTER (soft*)	light		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	4.500	ln	TOP	BOTTOM
	CASING THICKNESS	0.304	ln	"	"
BIT SIZE	BIT SIZE	7.875	ln	"	"
MUD DENSITY	MUD DENSITY	9.20	lbm/gal	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. {cnbh*}	USE CALIPER		"	"
	CALIPER/FIXED DIA. {slbh*}	USE CALIPER		"	"
	CALIPER/FIXED DIA. {mlbh*}	USE CALIPER		"	"

BOREHOLE CORR DIAMETER	CALIPER/FIXED DIA. (zdbh*)	USE CALIPER		
	FIXED DIAMETER (cnbh*)	7.875	in	''
	FIXED DIAMETER (slbh*)	7.875	in	''

SL PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
SL BOREHOLE	OPEN/CASED HOLE	OPEN HOLE		TOP	BOTTOM
	K MUD CONTENT	0.00	pct	''	''
	K MUD TYPE	KCL		''	''
SL AUTOGAIN	AUTO GAIN (1329XA 1)	ON		''	''
SL SPECTRUM CALIBRATION	MODE	AUTOMATIC		''	''

CN PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
2446 CN MATRIX	2446 MATRIX	LIMESTONE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	''	''
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		''	''
	BIT SIZE BEHIND CSNG	7.875	in	''	''

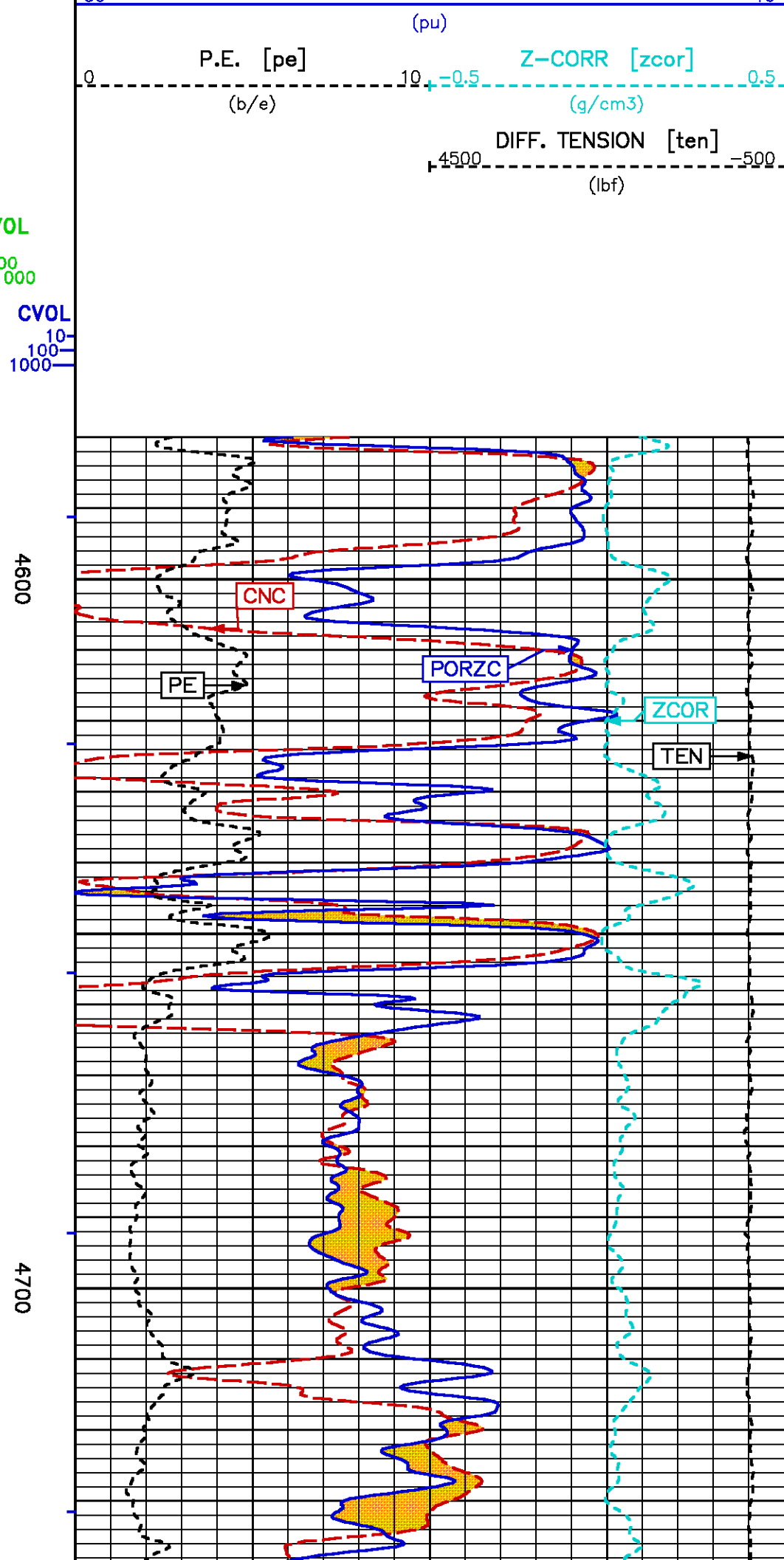
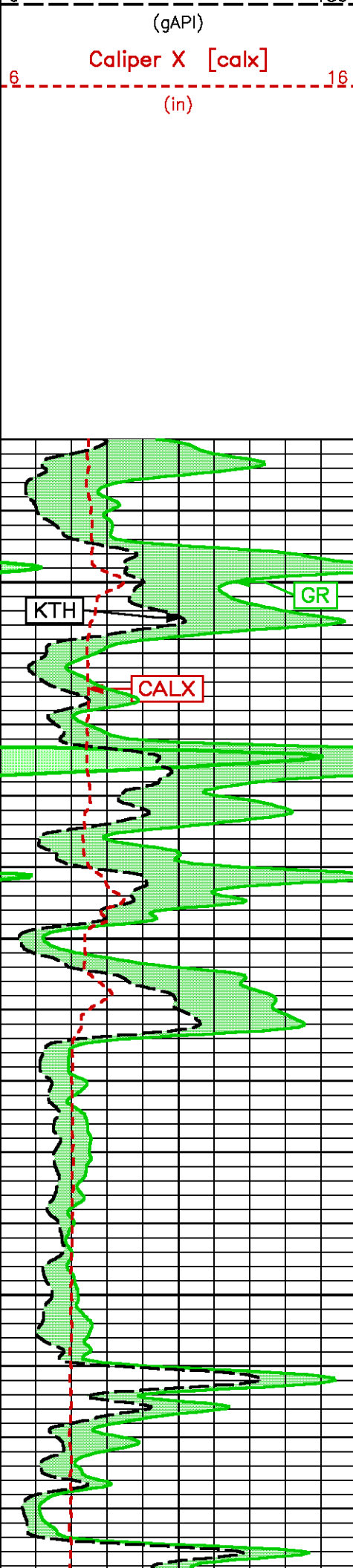
ZDL PROCESSING					
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
MUD DENSITY	MUD DENSITY	9.20	lbm/gal	TOP	BOTTOM
DENSITY POROSITY	RHOmatrix	2.710	g/cm3	''	''
	RHOfluid	1.000	g/cm3	''	''
ZDL	DENX TRACKING	ON		''	''

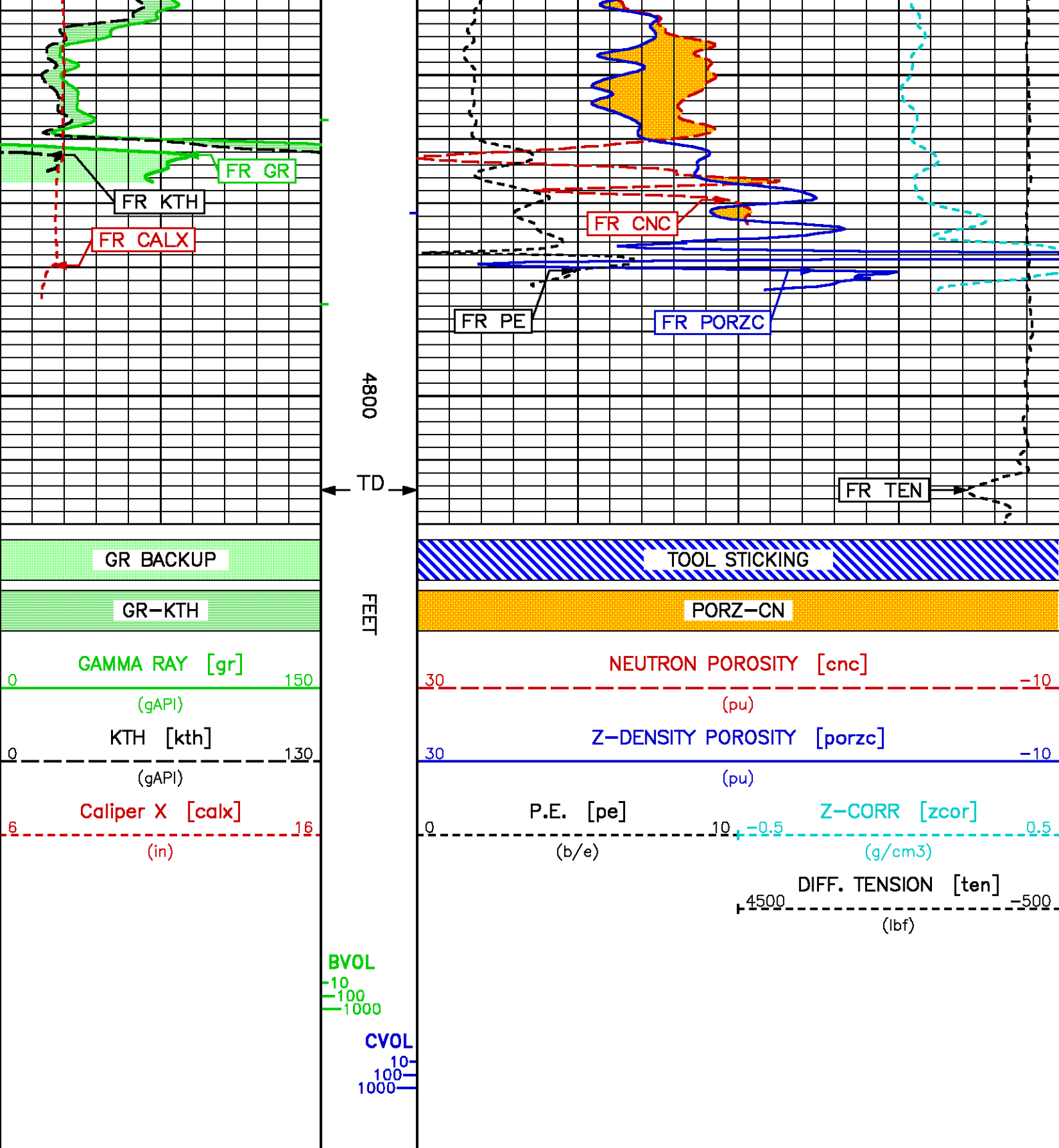
CURVE DESCRIPTION REPORT			
CURVE NAME	CREATION DATE	CURVE DESCRIPTION	
F1:BVOL	Nov 4 04:50:22 2012	BOREHOLE VOLUME	
F1:CALX	Nov 4 04:50:22 2012	CALIPER FROM X-AXIS OF XY CALIPER(S)	
F1:CNC	Nov 4 04:50:22 2012	BOREHOLE SIZE CORRECTED COMPENSATED NEUTRON POROSITY	
F1:CVOL	Nov 4 04:50:22 2012	CEMENT VOLUME	
F1:GR	Nov 4 04:50:22 2012	GAMMA RAY	
F1:KTH	Nov 4 04:50:22 2012	STRIPPED POTASSIUM-THORIUM	
F1:PE	Nov 4 04:50:22 2012	PHOTO ELECTRIC CROSS-SECTION	
F1:PORZC	Nov 4 04:50:22 2012	CORRECTED POROSITY	
F1:TEN	Nov 4 04:50:22 2012	DIFFERENTIAL TENSION	
F1:ZCOR	Nov 4 04:50:22 2012	DENSITY CORRECTION	

CURVE MEASURE POINT OFFSET							
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CALX	35.00	GR	52.25	PE	34.25	TEN	0.00
CNC	45.25	KTH	52.25	PORZC	34.25	ZCOR	34.25

Presentation	: wwdsys71:/dat1a/CMX_DAVIS_FARMS_1V/zdl-cn+01-REPEAT-REPEAT-5.pdf [5"/100' Scale]
Plot Interval	: 4580 - 4819.75 Feet
Data File 1	: F1 : wwdsys71:/dat1a/CMX_DAVIS_FARMS_1V/REPEAT.xtf
Created On	: Nov 4 04:50:22 2012
Company	: CMX OIL AND GAS
Well	: DAVIS FARMS #1V
Field	: X
File Interval	: 4453.5 - 4821 Feet
Oct	: m876g

GR BACKUP	FEET	TOOL STICKING
GR-KTH		PORZ-CN
GAMMA RAY [gr]		NEUTRON POROSITY [cnc]
(gAPI)		(pu)
KTH [kth]		Z-DENSITY POROSITY [porzc]





CALIBRATION / VERIFICATION SUMMARY

Source File: /data/CHK_DATA/FMML_17/m00g.b2

GR PRIMARY CALIBRATION SUMMARY

TOOL #: 1388XA 10054776

DATE/TIME PERFORMED: Tue Oct 16 11:05:22 2012

UNIT #: 5882TA 11.0000

CALB J10 #: 4702NK DA_228

BACKGROUND CALIBRTR ON		CR DIFF	MULT		BACKGROUND CALIBRTR ON		CALIBRTR
(cts/s)	(cts/s)	(cts/s)	(gAPI)	(gAPI)	(gAPI)	(gAPI)	(gAPI)
OR	228.44	1135.13	908.7	0.183	37.38	187.38	150
		150.3	905.2				

OR PRIMARY VERIFICATION SUMMARY

TOOL #:	1388XA 10054778	DATE/TIME PERFORMED:	Tue Oct 16 11:11:58 2012
UNIT #:	5882TA HL8880	VERI JIG #:	47028K DA_228

BACKGROUND CALIBRTR ON		MULT	BACKGROUND CALIBRTR ON		DIFF.
(cts/s)	(cts/s)	(gAPI)	(gAPI)	(gAPI)	(gAPI)
OR	225.13	1135.89	0.183	37.18	187.50
					150.34
					148.20 148.20

OR BEFORE LOG VERIFICATION SUMMARY

TOOL #:	1388XA 10054778	DATE/TIME PERFORMED:	Sun Nov 4 01:41:11 2012	DAYS SINCE CAL:	18
UNIT #:	5882TA HL8880	VERI JIG #:	47028K DA_228		

BACKGROUND CALIBRTR ON		MULT	BACKGROUND CALIBRTR ON		DIFF.
(cts/s)	(cts/s)	(gAPI)	(gAPI)	(gAPI)	(gAPI)
OR	242.22	1177.39	0.183	38.88	194.54
					154.35
					148.34 148.34

SL PRIMARY CALIBRATION SUMMARY

TOOL #:	1388XA 10054778	DATE/TIME PERFORMED:	Tue Oct 16 11:08:32 2012
UNIT #:	5882TA HL8880	CALIBRATOR ID:	47028A DA_228

	Bgnd (cts/s)	Cal OM (cts/s)	Mult (gAPI/(cts/s))	Bgnd (gAPI)	Cal OM (gAPI)	Cal Value (gAPI)
OR-OL (.06-3.5)	215.88	1128.48	0.185	35.43	185.43	150

	Std Rate (cts/s)	Meas Rate (cts/s)	Tool Norm	Std Mult	Log Mult	App Con (pot ppm)
E (.25-3.0)	354	388.3	0.942			
			0.880 1.100			
K				0.01802	0.01508	8.900
U				0.03851	0.03628	21.300
TH				0.10135	0.08544	58.100

	Mult chn1/MeV	Add chn1s	QSA	QCAL	GAIN	U Pk Res %
SPECTRUM	70.638	2.023	0.574	1.000	2989	8.78
				0.880 1.100		

	P1 .352 MeV	P2 .808 MeV	P3 1.120 MeV	P4 1.785 MeV	P5 2.204 MeV
Std Pk	25.80	44.23	81.03	127.40	158.00
Meas Pk	28.33	45.41	82.18	127.35	157.80
	22.40 28.40 30.38 46.38	79.00 88.00	121.48 129.48	138.00 148.00	
F11 Pk	28.89	45.22	81.47	127.23	158.37

SL PRIMARY VERIFICATION SUMMARY

TOOL #:	1388XA 10054778	DATE/TIME PERFORMED:	Tue Oct 16 11:11:32 2012
UNIT #:	5882TA HL8880	CALIBRATOR ID:	47028A DA_228

	Bgnd (cts/s)	Cal OM (cts/s)	Mult (gAPI/(cts/s))	Bgnd (gAPI)	Cal OM (gAPI)	Cal Value (gAPI)
OR-OL (.06-3.5)	215.20	1128.68	0.185	35.29	185.18	150
						138 148

	Std rate	Meas rate	Tool norm	Std Mult	Log Mult	App Con (pot ppm)
E (.25-3.0)	354	385.1	0.942			
K				0.01802	0.01508	8.825
						8.813 8.792
U				0.03851	0.03628	21.216
						18.170 25.485
TH				0.01802	0.08544	55.838
						52.480 61.712

	Mult chn1/MeV	Add chn1s	QSA	QCAL	GAIN	U Pk Res %
SPECTRUM	71.230	2.162	0.882	1.005	2989	8.37
				0.880 1.100		

	P1 .352 MeV	P2 .808 MeV	P3 1.120 MeV	P4 1.785 MeV	P5 2.204 MeV
Std Pk	25.80	44.23	81.03	127.40	158.00
Meas Pk	28.45	45.88	82.84	128.38	158.37
	22.40 28.40 30.38 46.38	79.00 88.00	121.48 129.48	138.00 148.00	
F11 Pk	27.23	45.54	81.84	127.88	158.13

SL BEFORE LOG VERIFICATION SUMMARY

TOOL #:	1388XA 10054778	DATE/TIME PERFORMED:	Sun Nov 4 01:41:28 2012	DAYS SINCE CAL:	18
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UNIT #:		CALIBRATOR ID:	
5882TA HL8880		4702NA DA_228	
Bignd (cts/e)	Cal ON (cts/e)	Mult (gAPI/(cts/e))	Bignd (gAPI)
231.33	1186.40	0.165	37.97
Cal ON (gAPI)	Cal Value (gAPI)		
182.17	154		
LSN 158			
Std rate	Meas rate	Tool norm	Std Mult
E (.25-3.0)	554	580.6	0.942
K			0.01802
U			0.01908
TH			0.01802
Log Mult			
App Con (pcf ppm)			
8.913			
8.913 8.792			
21.425			
18.170 18.480			
56.388			
52.480 61.710			
Mult chn/MeV	Add chn/s	QSA	QCAL
71.340	2.048	0.730	1.003
2898			
8.83			
0.980 1.020			
P1 .352 MeV	P2 .608 MeV	P3 1.120 MeV	P4 1.785 MeV
25.80	44.20	81.00	127.40
158.00			
Meas Pk	28.46	45.67	82.38
158.53	128.57	158.53	
12.40 18.40 45.50 68.50 79.00 85.00 121.40 128.40 138.40 148.40			
Filt Pk	27.18	45.48	81.83
127.98	158.28		

CN PRIMARY CALIBRATION SUMMARY						
TOOL #:		DATE/TIME PERFORMED:				
2448KA 173078		Tue Oct 23 08:31:42 2012				
UNIT #:		CALIBRATOR #:		SOURCE #:		
5882TA HL8880		2437NB 120038		4717NB N_824		
MEASURED CPS	DEADTN CORR CPS	DTC SSM/LSN	NOMINAL SSM/LSN	CORRECTION FACTOR	POROSITY (pu)	
LSN	571.38	579.29				
SSN	1553.17	1802.97				
RATIO		2.76712	2.75100	0.98418		
				0.97000 1.07000		
CN					21.338	

CN PRIMARY VERIFICATION SUMMARY						
TOOL #:		DATE/TIME PERFORMED:				
2448KA 173078		Tue Oct 23 08:34:12 2012				
UNIT #:		ICE BLOCK #:				
5882TA HL8880		4717NB DA_043				
MEASURED CPS	DEADTN CORR CPS	DTC SSM/LSN	CORRECTION FACTOR	DTC CORR SSM/LSN	POROSITY (pu)	
LSN	2108.41	2220.83				
SSN	4680.31	5127.29				
RATIO		2.30872	0.98418	2.29818		
CN					15.173	

CN BEFORE LOG VERIFICATION SUMMARY						
TOOL #:		DATE/TIME PERFORMED:		DAYS SINCE CAL:		
2448KA 173078		Sun Nov 4 01:38:05 2012		11		
UNIT #:		ICE BLOCK #:				
5882TA HL8880		4717NB DA_043				
MEASURED CPS	DEADTN CORR CPS	DTC SSM/LSN	CORRECTION FACTOR	DTC CORR SSM/LSN	POROSITY (pu)	
LSN	2057.61	2184.77				
SSN	4818.77	5088.31				
RATIO		2.34688	0.98418	2.33712		
CN					15.702	
					15.175 17.178	

CAL PRIMARY CALIBRATION SUMMARY						
TOOL #:		DATE/TIME PERFORMED:				
2234KA 179838		Tue Oct 23 10:04:02 2012				
UNIT #:						
5882TA HL8880						
SMALL RING CALIPER	LARGE RING	MULT	ADD	SMALL RING (In)	LARGE RING (In)	
1471.8	2305.2	0.00855	-4.70316	7.678	15.000	
CN PRIMARY VERIFICATION SUMMARY						
TOOL #:		DATE/TIME PERFORMED:		DAYS SINCE CAL:		
2234KA 179838		Sun Nov 4 04:14:52 2012		11		
UNIT #:						
5882TA HL8880						
I.D. MULT ADD I.D.						

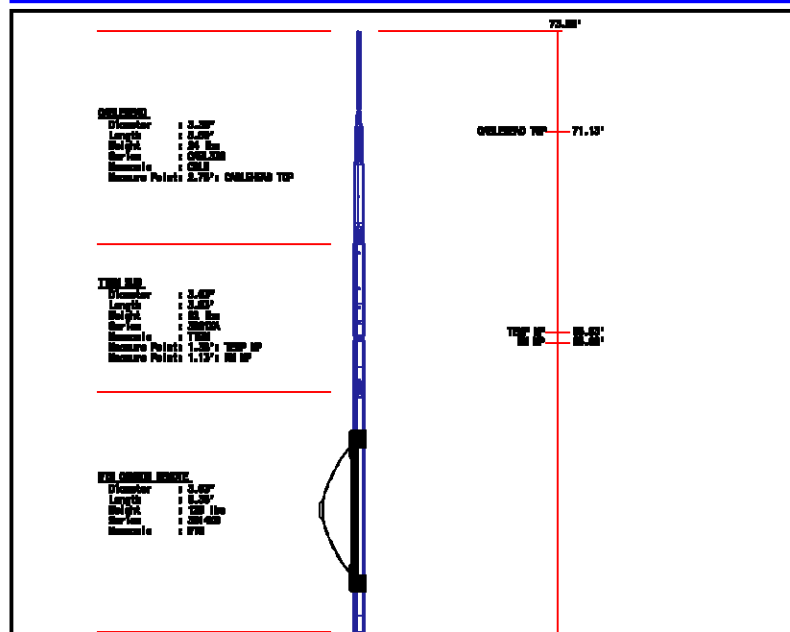
CALIPER	1585.8	0.00853	-5.36180	(1n)	8.000
CAL AFTER LOG VERIFICATION SUMMARY					
TOOL #: 2234XA 179638 DATE/TIME PERFORMED: Sun Nov 4 07:24:30 2012 DAYS SINCE CAL: 11					
UNIT #: 3882TA HL8880					
I.D.	MULT	ADD	I.D.	(1n)	
CALIPER	1585.8	0.00853	-5.36180	8.186	7.800 8.800

ZDL PRIMARY CALIBRATION SUMMARY					
TOOL: 2234XA 179638 DATE/TIME PERFORMED: Tue Oct 23 10:40:25 2012					
UNIT: 3882TA HL8880 CALB BLKS: 2223XA B84267 CS SRC: 4703WT 24487B					
SS CS PK (Channel)	LS CS PK (Channel)	SS BK00 (ops)	LS BK00 (ops)		
225.4	225.0	1228.7	1581.9		
225.0 225.0	225.0 225.4				
SS (ops)	LS (ops)	SHR	DEN (g/cm3)	CORR (g/cm3)	PE (b/e)
23440.9	12146.9	0.813	1.700	0.003	2.160
		0.801 0.825			
AL	15889.8	1214.8	2.688	-0.010	
AL + SHIM	18678.3	2116.8	2.619	0.158	
MS + SHIM (HI PE)	11184.4	5458.2	0.241		8.300
		0.210 0.272			
RATIO AL + SHIM/AL	1.38	1.74			
	1.38 1.48	1.64 1.84			
RATIO MQ/AL	1.71	10.00			
	1.68 1.76	9.40 10.50			

ZDL BEFORE LOG VERIFICATION SUMMARY					
TOOL #: 2234XA 179638 DATE/TIME PERFORMED: Sun Nov 4 01:38:57 2012 DAYS SINCE CAL: 11					
UNIT #: 3882TA HL8880					
	TOTAL (ops)	CSPK (Channel)	HV (V)		
LS	1577.5	224.6	1248.1		
	1481.9 1681.9	220.0 229.0	1200.0 1290.0		
SS	1244.6	226.6	1311.1		
	1159.7 1329.7	220.0 230.0	1260.0 1360.0		
	LV (V)	PAD CURRENT (mA)			
	5.0	83.7			
	4.8 5.2	80.0 100.0			

INSTRUMENT CONFIGURATION

Source File: /data/CHK_DATA_FUBB_17/1482-Mg



DIGITAL SPEAKER
Diameter : 3.50"
Length : 7.50"
Weight : 120 lbs
Type : 2000A
Material : SS
Mounting Point: 1.50" x 80 1/2"

82 1/2" - 25.40'

DIGITAL SPEAKER
Diameter : 3.50"
Length : 7.50"
Weight : 120 lbs
Type : 2000A
Material : SS
Mounting Point: 2.50" x 80 1/2"

120 1/2" - 36.50'
80 1/2" - 25.50'

DIGITAL SPEAKER
Diameter : 4.00"
Length : 11.50"
Weight : 250 lbs
Type : 2000A
Material : SS
Mounting Point: 3.10" x 80 1/2"
Mounting Point: 3.50" x 120 1/2"
Mounting Point: 3.50" x 80 1/2"

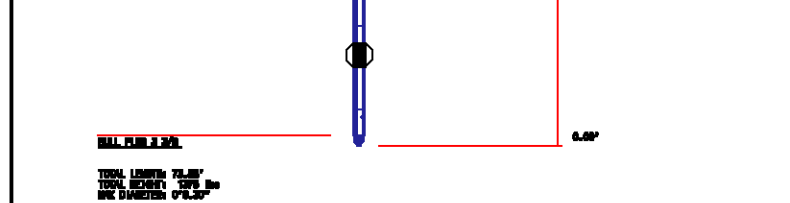
84 1/2" - 26.20'
120 1/2" - 36.50'
80 1/2" - 26.10'

DIGITAL SPEAKER
Diameter : 3.50"
Length : 4.00"
Weight : 60 lbs
Type : 2000A
Material : SS

DIGITAL SPEAKER
Diameter : 3.50"
Length : 7.50"
Weight : 120 lbs
Type : 2000A
Material : SS
Mounting Point: 2.50" x 80 1/2"
Mounting Point: 7.50" x 80 1/2"

82 1/2" - 25.40'

200 1/2" - 7.70'



BOREHOLE PROFILE LOG FOR 4.5" CASING

ECLIPS 6.11 Aug 06, 2010
Updates: 1,2 Patches: 3

Sun Nov 4 06:55:10 2012

Pcrplt /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.61

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CMX_DAVIS_FARMS_1V/m876g02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 0.000 ft BOTTOM DEPTH: 0.000 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER ()	medium (1)		TOP	BOTTOM
TENSION	FILTER ()	medium (1)		"	"
GR	FILTER ()	medium (1)		"	"
CALIPER	FILTER ()	medium (1)		"	"
	FILTER (.h)	medium (1)		"	"
	FILTER (.l)	medium (1)		"	"
SP-SPDH	FILTER ()	heavy (3)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	4.500	in	TOP	BOTTOM
BIT SIZE	BIT SIZE	7.875	in	"	"

CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Nov 4 05:07:52 2012	BIT SIZE
F1:BVOL	Nov 4 05:07:52 2012	BOREHOLE VOLUME
F1:CAL	Nov 4 05:07:52 2012	CALIPER
F1:CVOL	Nov 4 05:07:52 2012	CEMENT VOLUME
F1:GR	Nov 4 05:07:52 2012	GAMMA RAY
F1:SP	Nov 4 05:07:52 2012	SPONTANEOUS POTENTIAL
F1:TEN	Nov 4 05:07:52 2012	DIFFERENTIAL TENSION

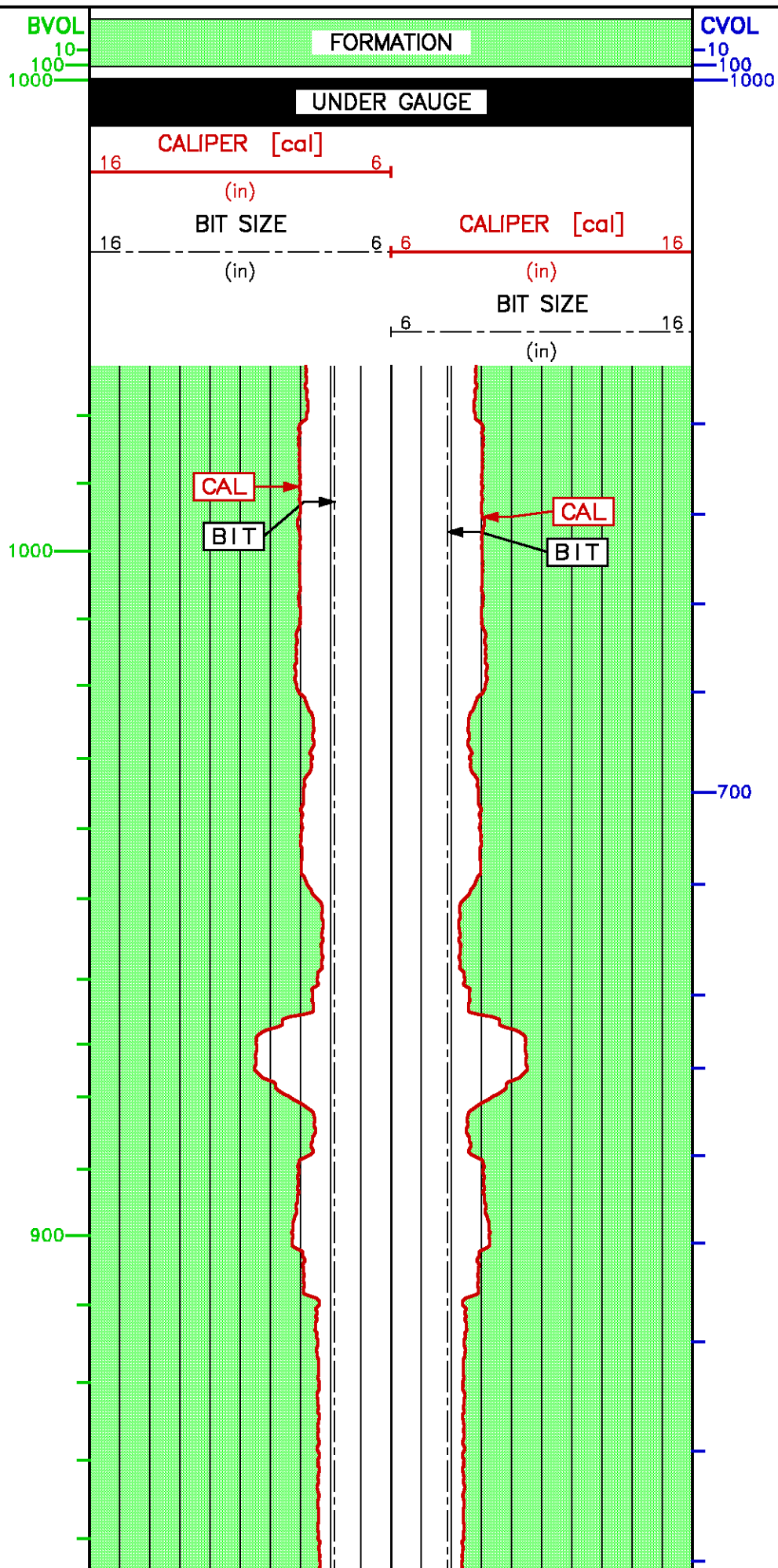
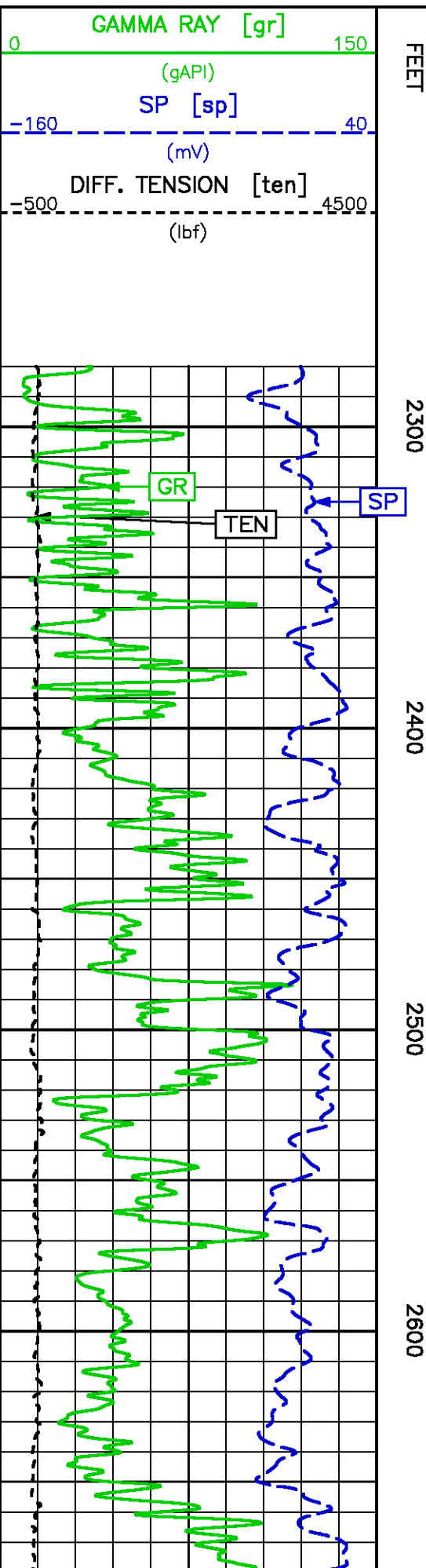
CURVE MEASURE POINT OFFSET

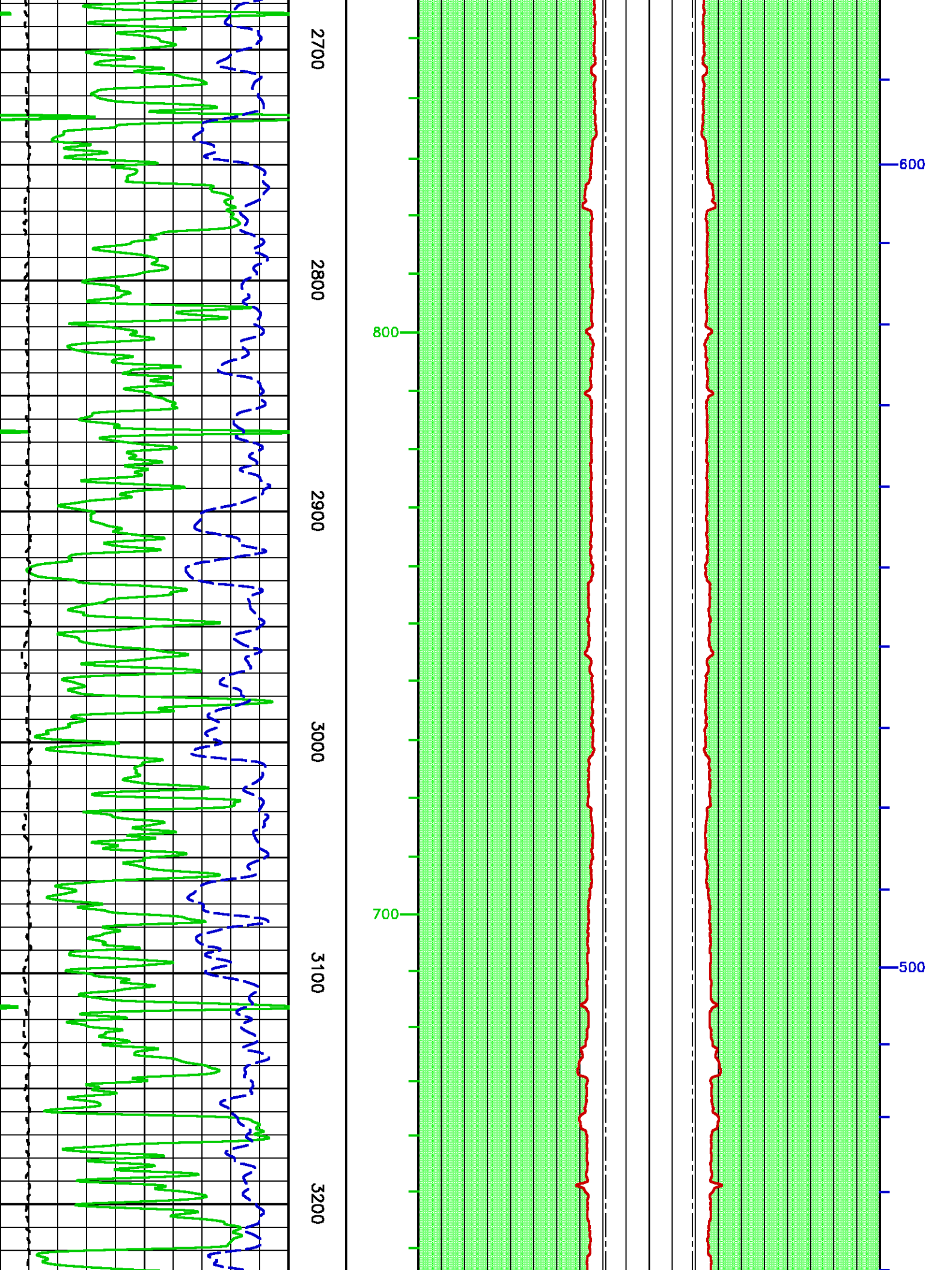
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	GR	52.25	TEN	0.00		
CAL	35.00	SP	14.00				

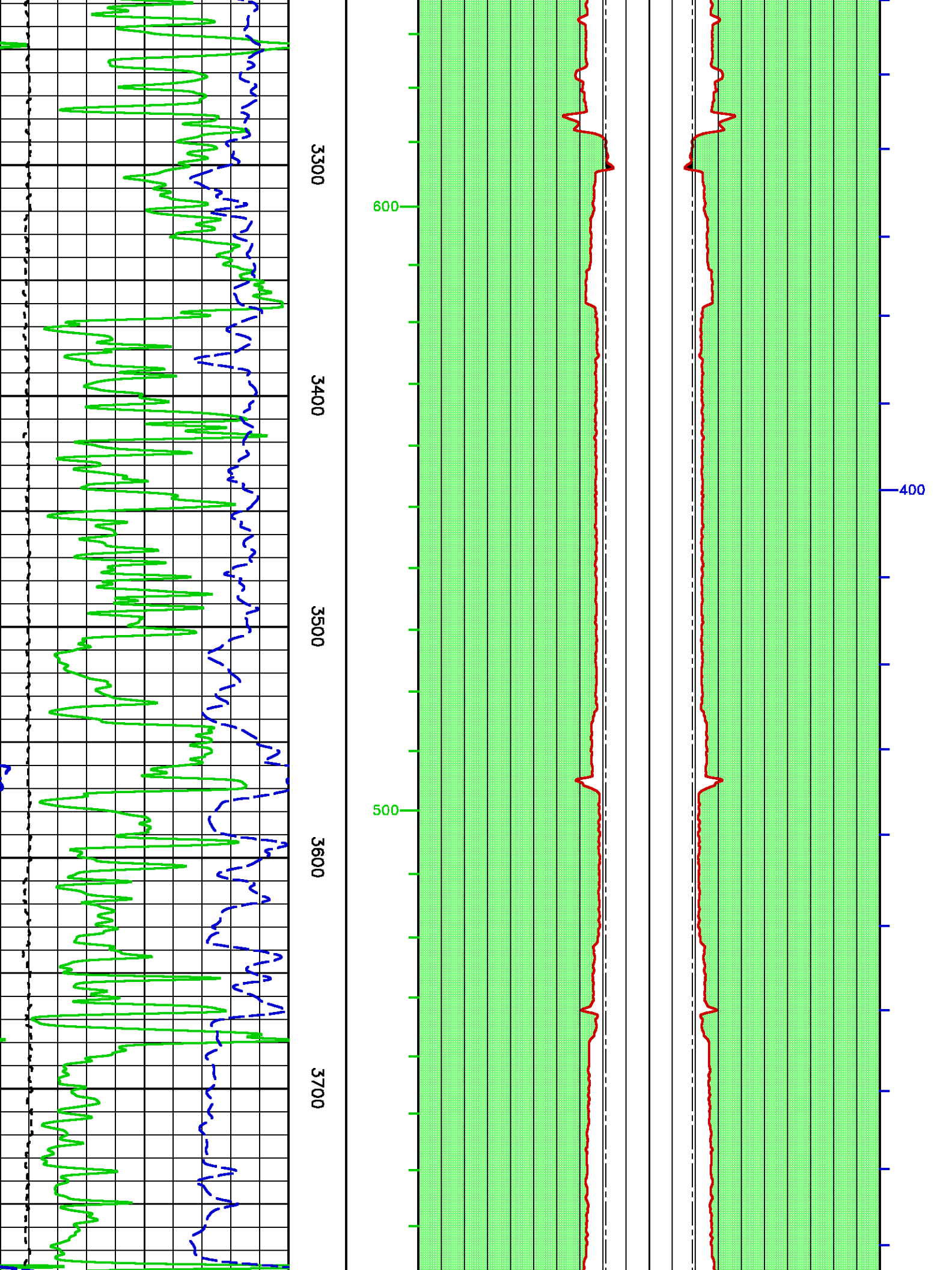
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Plot Interval : 2280 - 4829 Feet

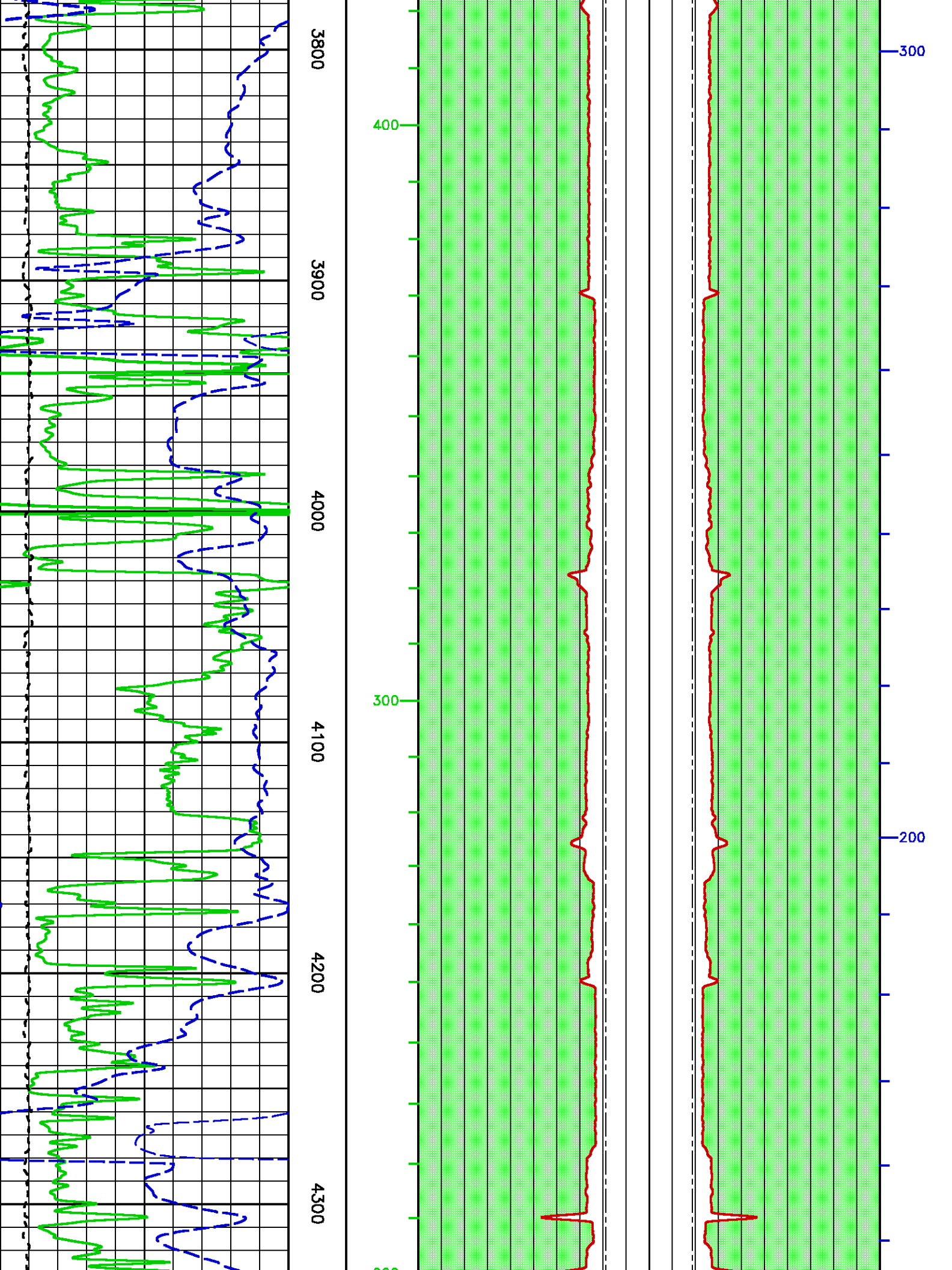
Data File 1 : F1 : wwdsys71:/dat1a/CMX_DAVIS_FARMS_1V/DETAIL.xtf
Created On : Nov 4 05:07:52 2012
Company : CMX OIL AND GAS
Well : DAVIS FARMS #1V

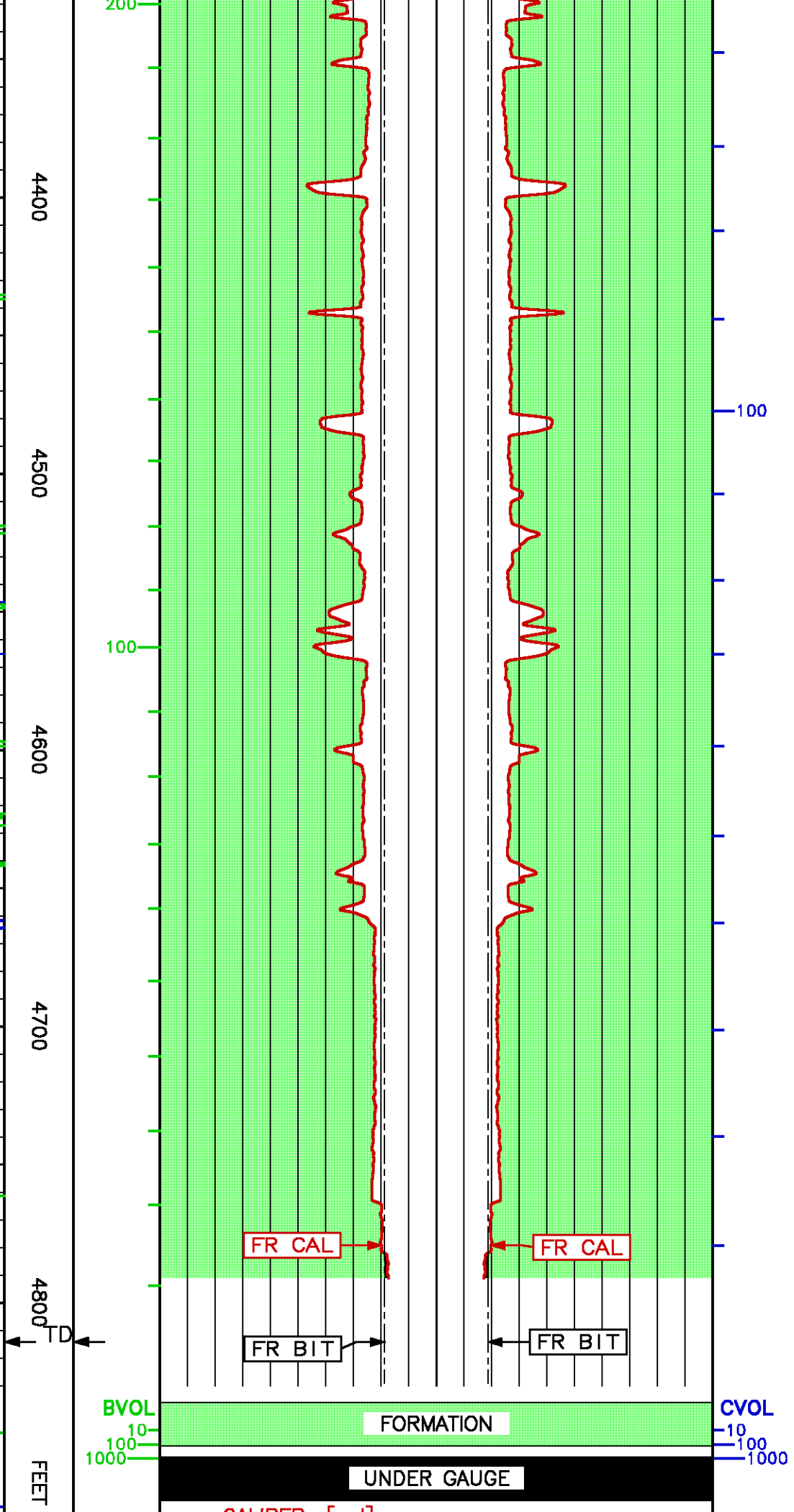
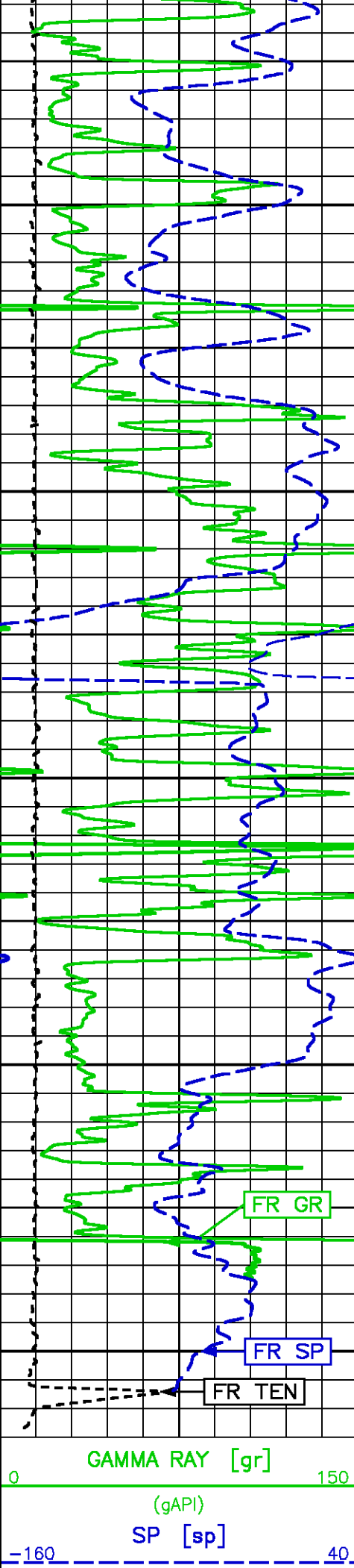
Field : X
File Interval : 2280 - 4829 Feet
Oct : m876g











(mV) DIFF. TENSION [ten] -500 ----- 4500 (lbf)	16 CALIPER [cal] 6 (in) 16 BIT SIZE 6 (in) 6 BIT SIZE 16 (in)
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	COMPANY <u>CMX INC</u> WELL <u>DAVIS FARMS #1V</u> FIELD <u>FRUIT</u> COUNTY <u>KIOWA</u> STATE <u>KANSAS</u>	FILE NO: _____ API NO: <u>15-097-21739</u>
	LOCATION: <u>1150' FSL & 780' FWL</u>	ELEVATIONS: KB <u>2155 FT</u> DF <u>2153 FT</u> GL <u>2142 FT</u>
	SEC <u>33</u> TWP <u>27S</u> RGE <u>16W</u>	DATE <u>04-Nov-2012</u>
	FINAL	