HALLIBURTON

GAMMA RAY LOG

COMPANY	VESS OIL CORPORATION
WELL	McCORD A-20H
FIELD	BEMIS-SHUTTS
COUNTY	ELLIS
STATE	KANSAS

COMPANY **VESS OIL CORPORATION**

WELL **McCORD A-20H**

FIELD **BEMIS-SHUTTS**

COUNTY **ELLIS** STATE **KANSAS**

API No. 15-051-26218

Location 1680' FNL & 788' FEL

Sect. 26 Twp. 11S Rge. 17W

Other Services:
DSNT/SDLT/ML
ACRT
WSTT

Permanent Datum	GL	Elev. 2091.0 ft	Elev.: K.B.	2100.0 ft
Log measured from	KB	, 9.0 ft above perm. Datum	D.F.	2099.0 ft
Drilling measured from	KB		G.L.	2091.0 ft

Date		11-Nov-11					
Run No.		3					
Depth - Driller		3740.00 ft					
Depth - Logger		3737.0 ft					
Bottom - Logged Interval		3688 ft					
Top - Logged Interval		0 ft					
Casing - Driller		9.625 in	@ 1279.0 ft	@		@	
Casing - Logger		1279.0 ft					
Bit Size		8.750 in		@		@	
Type Fluid in Hole		WATER BASED MUD					
Density	Viscosity	9.2 ppg	55.00 s/qt				
PH	Fluid Loss	10.50 pH	6.4 cptm				
Source of Sample		FLOWLINE					
Rm @ Meas. Temperature		0.700 ohmm	@ 78.00 degF	@		@	
Rmf @ Meas. Temperature		0.60 ohmm	@ 75.00 degF	@		@	
Rmc @ Meas. Temperature		0.820 ohmm	@ 75.00 degF	@		@	
Source Rmf	Rmc	MEASURED	MEASURED				
Rm @ BHT		0.56 ohmm	@ 100.0 degF	@		@	
Time Since Circulation		11.8 hr					
Time on Bottom		11-Nov-11 14:44					
Max. Rec. Temperature		100.0 degF	@ 3737.0 ft	@		@	
Equipment	Location	10782954	LIBERAL				
Recorded By		C. MARLOWE					
Witnessed By		R. MARTIN		M. ANDREPONT		P. CANADAY	

Fold here

Service Ticket No.: 9041284 API Serial No.: 15-051-26218 PGM Version: WL INSITE R3.4.2 (Build 2)

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE					
Date	Sample No.				
Depth-Driller					
Type Fluid in Hole					
Density	Viscosity				
Ph	Fluid Loss				
Source of Sample					
Rm @ Meas. Temp		@		@	
Rmf @ Meas. Temp.		@		@	
Rmc @ Meas. Temp.		@		@	
Source Rmf	Rmc				
Rm @ BHT		@		@	
Rmf @ BHT		@		@	
Rmc @ BHT		@		@	

RESISTIVITY SCALE CHANGES			
Type Log	Depth	Scale Up Hole	Scale Down Hole

RESISTIVITY EQUIPMENT DATA				
Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.		Run No.		Run No.	
Serial No.	10748374	Serial No.		Serial No.		Serial No.	
Model No.	GTET	Model No.		Model No.		Model No.	
Diameter	3.625"	No. of Cent.		Diameter		Diameter	
Detector Model No.	T-102	Spacing		Log Type		Log Type	
Type	SCINT			Source Type		Source Type	
Length	8"	LSA [Y/N]		Serial No.		Serial No.	
Distance to Source	N/A	FWDA [Y/N]		Strength		Strength	

LOGGING DATA

GENERAL	GAMMA	ACOUSTIC	DENSITY	NEUTRON

GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R		L	R	
ONE	TD	SURF	REC	0	150									

DIRECTIONAL INFORMATION

Maximum Deviation	2100.00 deg	@	2099.00 ft	KOP	@	2091.00 ft

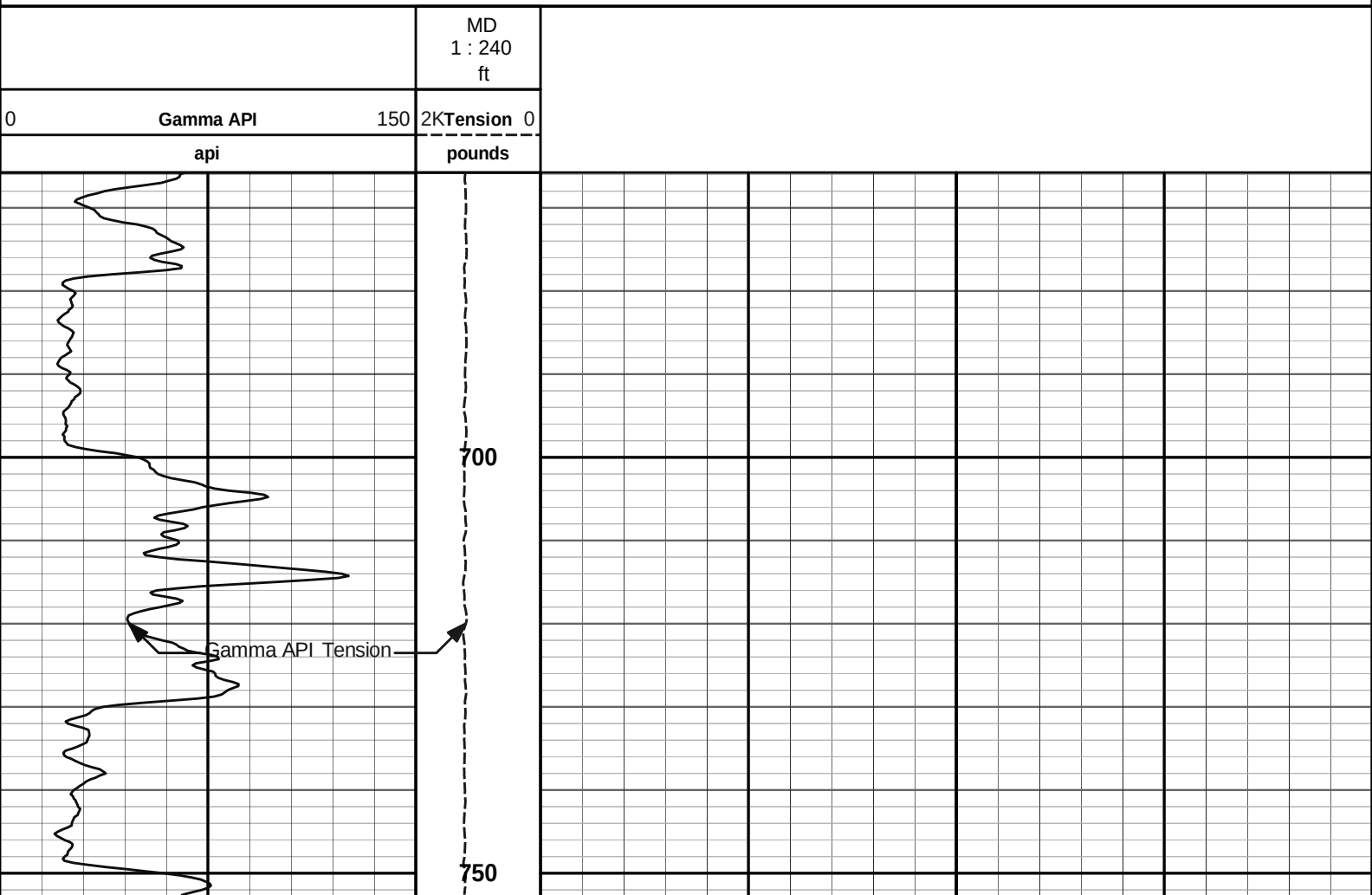
Remarks:

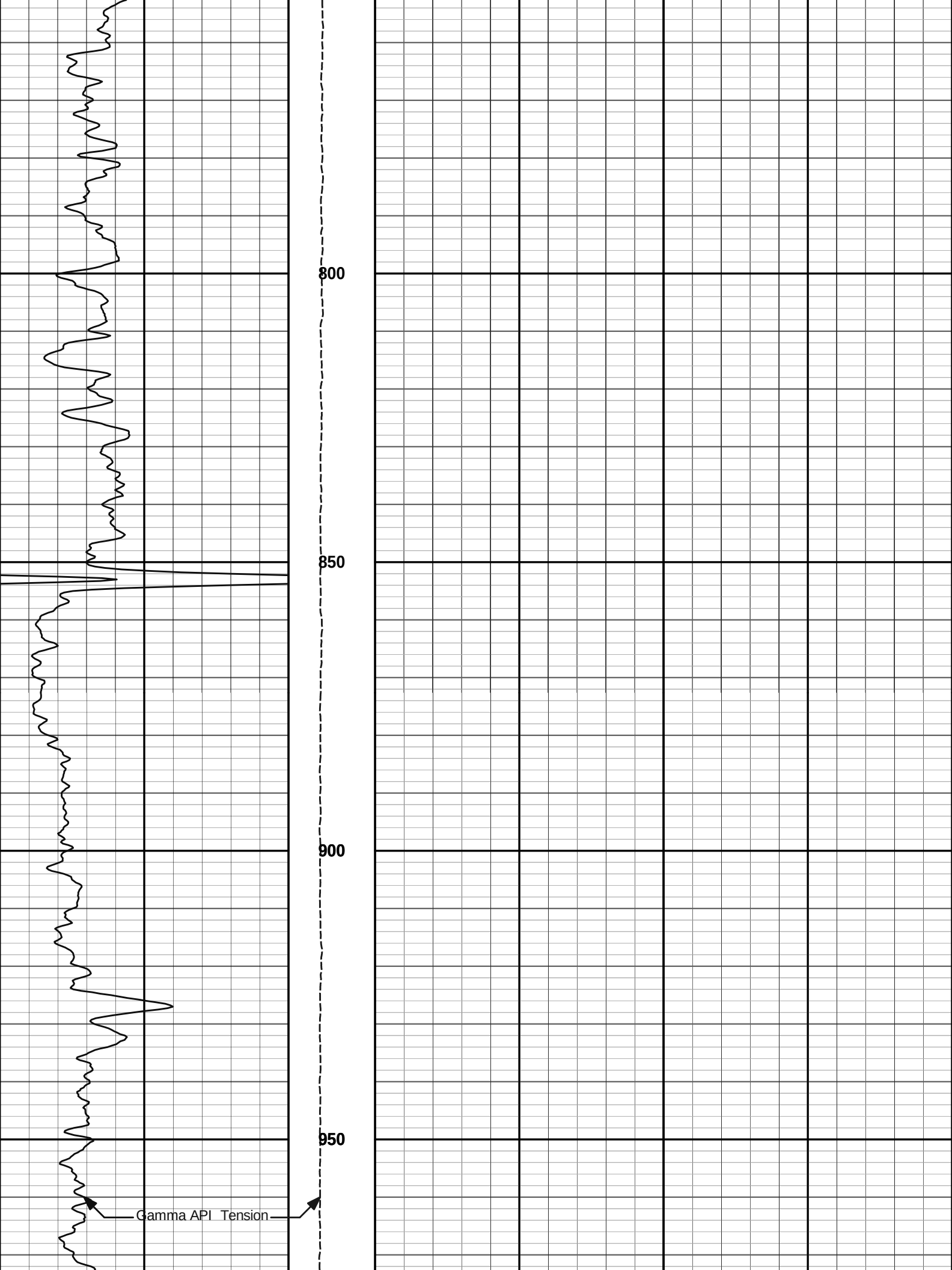
TODAY'S CREW: F. VILLA, A. VAQUERA

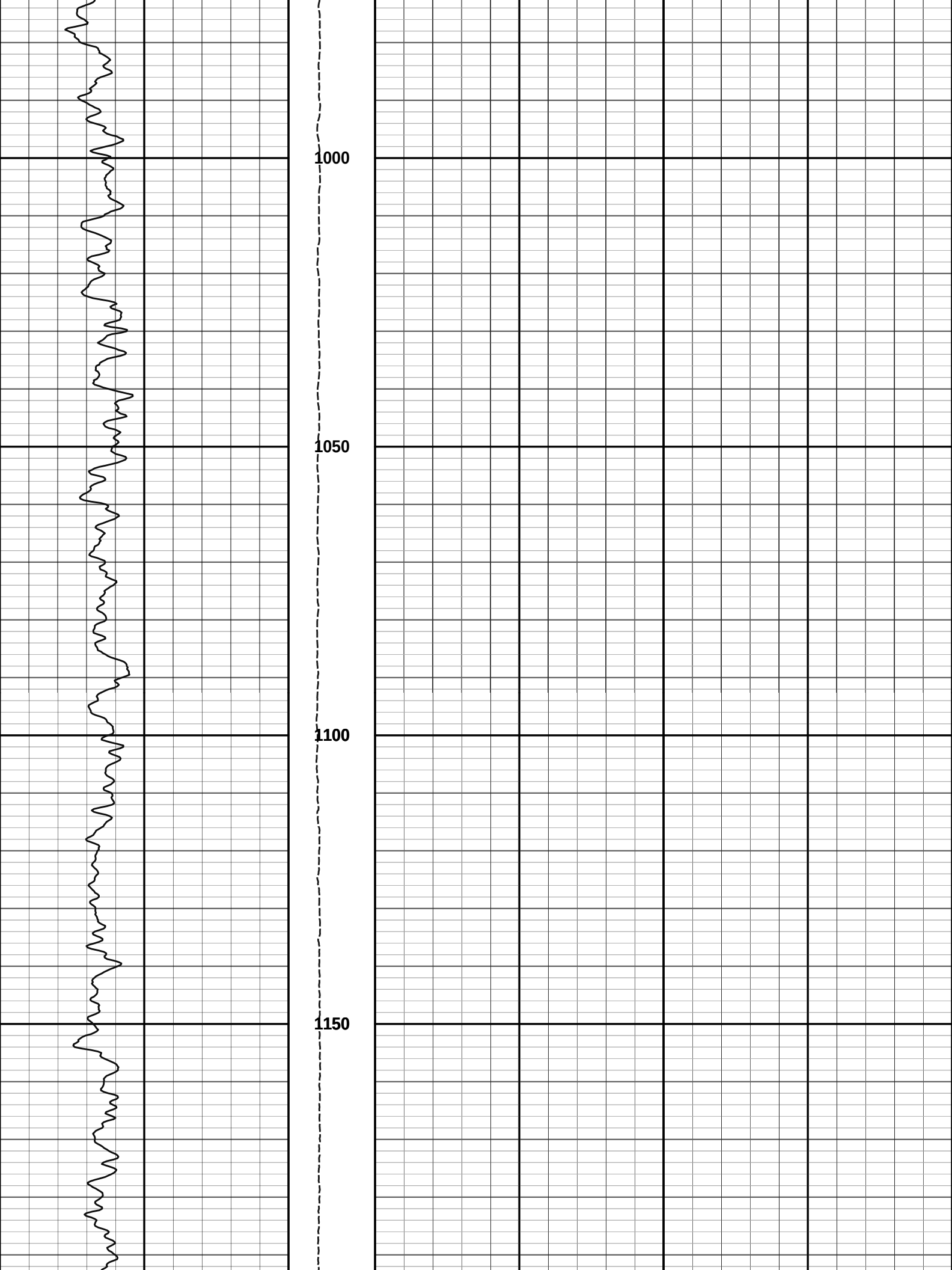
THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES: LIBERAL, KS 620-624-8123

HALLIBURTON

Plot Time: 11-Nov-11 16:46:08
Plot Range: 665.75 ft to 3747.5 ft
Data: MCCORD_A_20H\Well Based\DAQ-0003-001*
Plot File: \\GAMMA\GR TIE IN




800
850
900
950
Gamma API
Tension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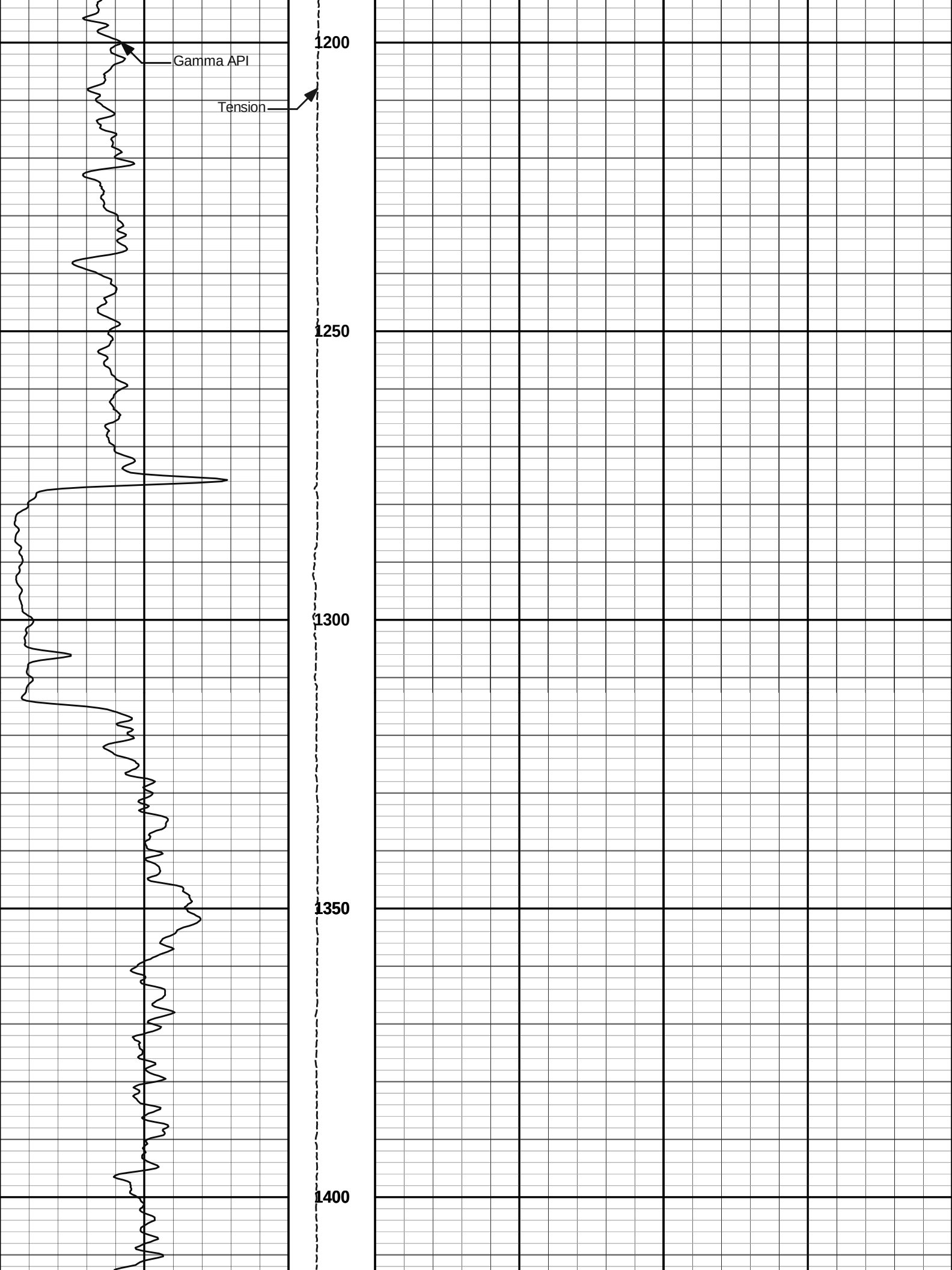
1150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Tension
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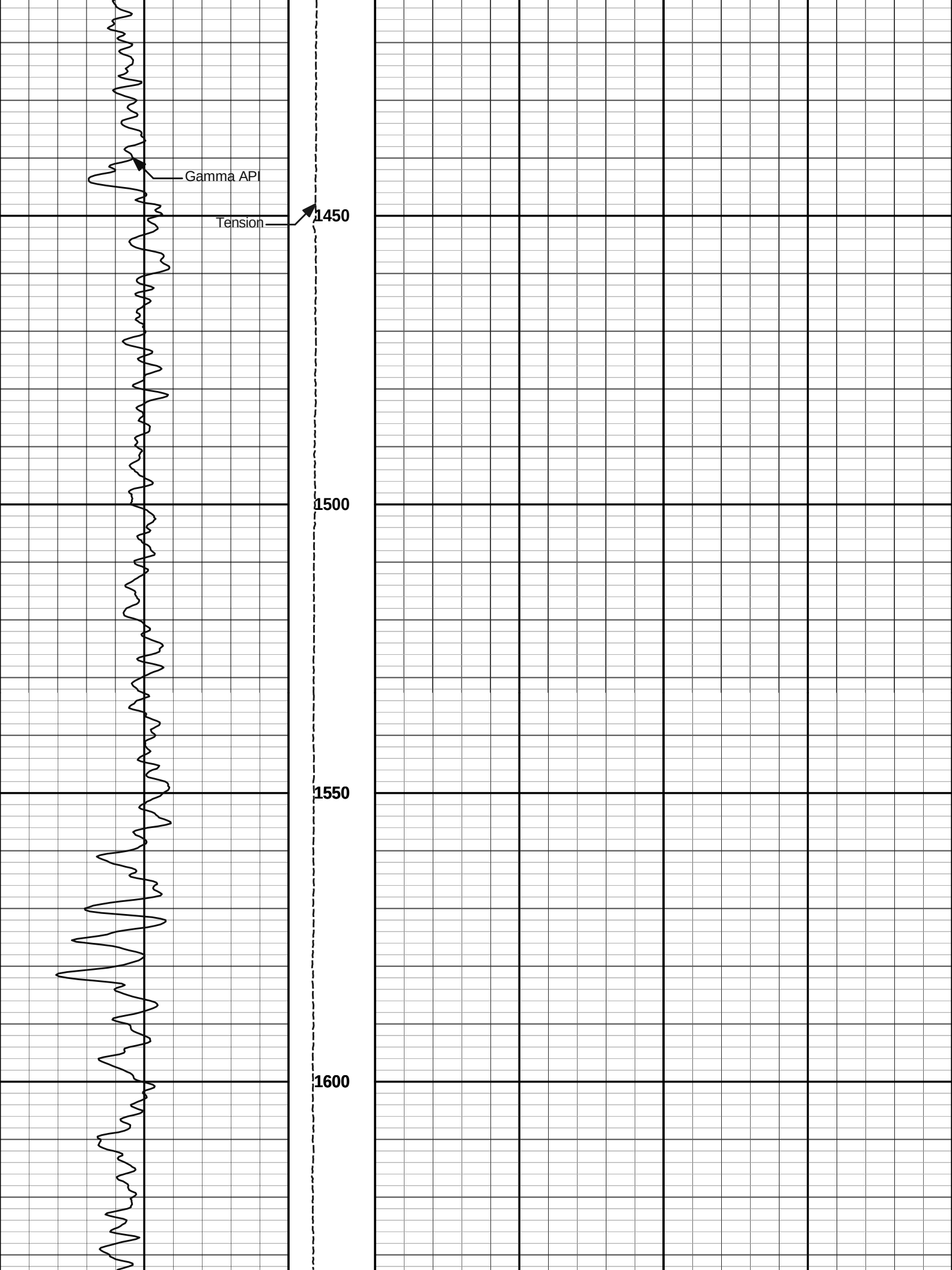
1250
1300
1350
1400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Tension
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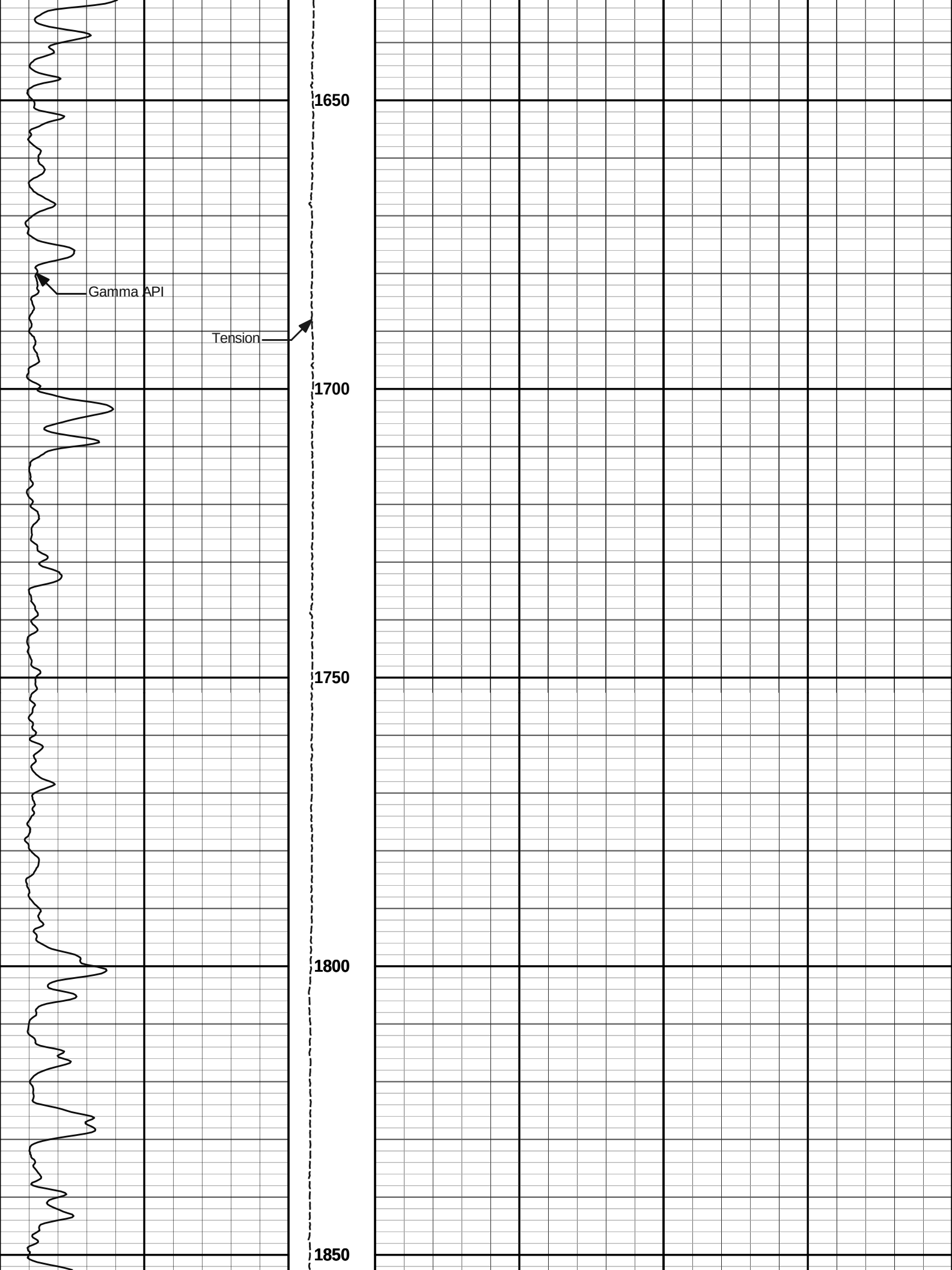
1500
1550
1600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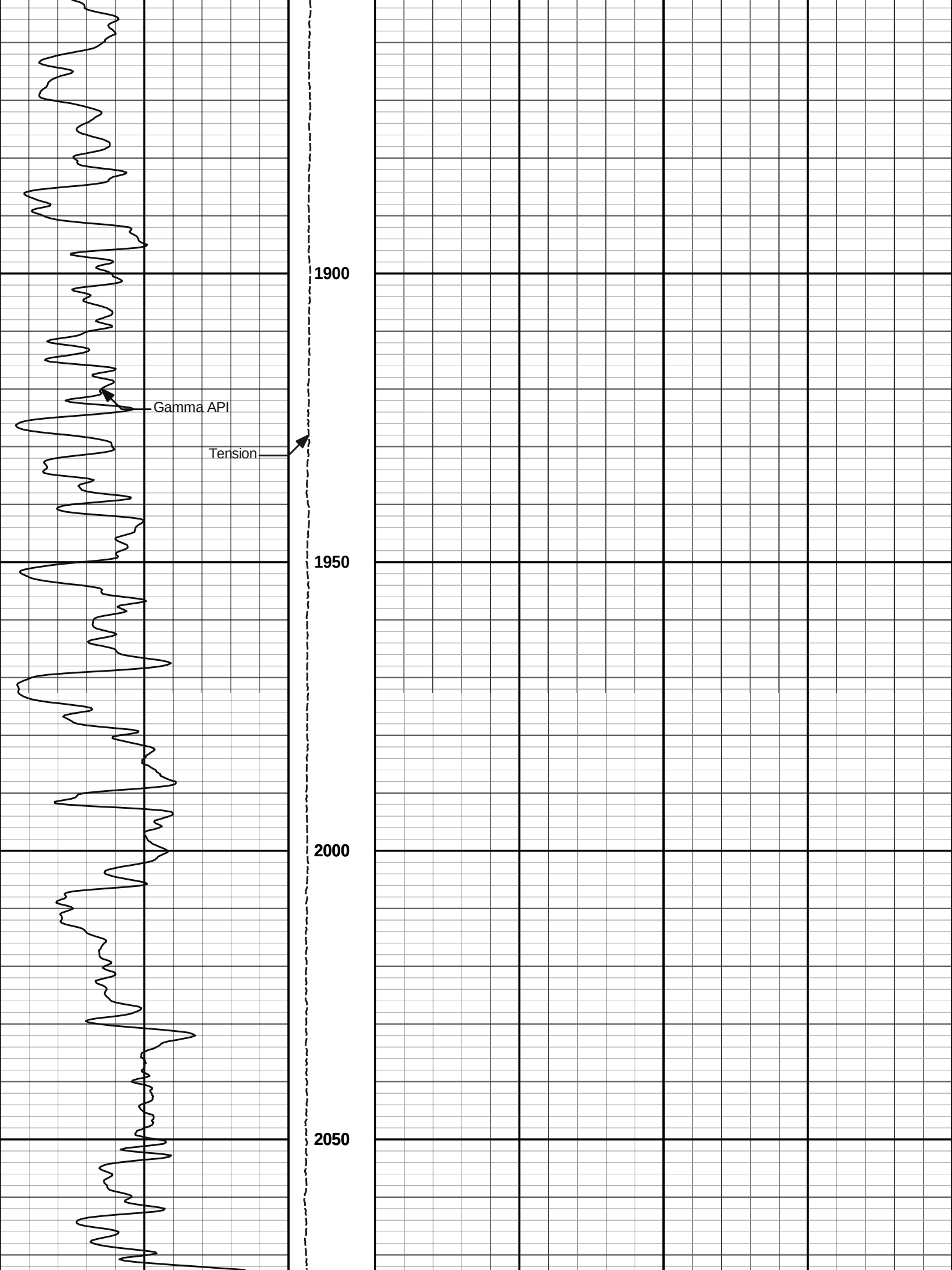
Gamma API
Tension
1700
1750
1800
1850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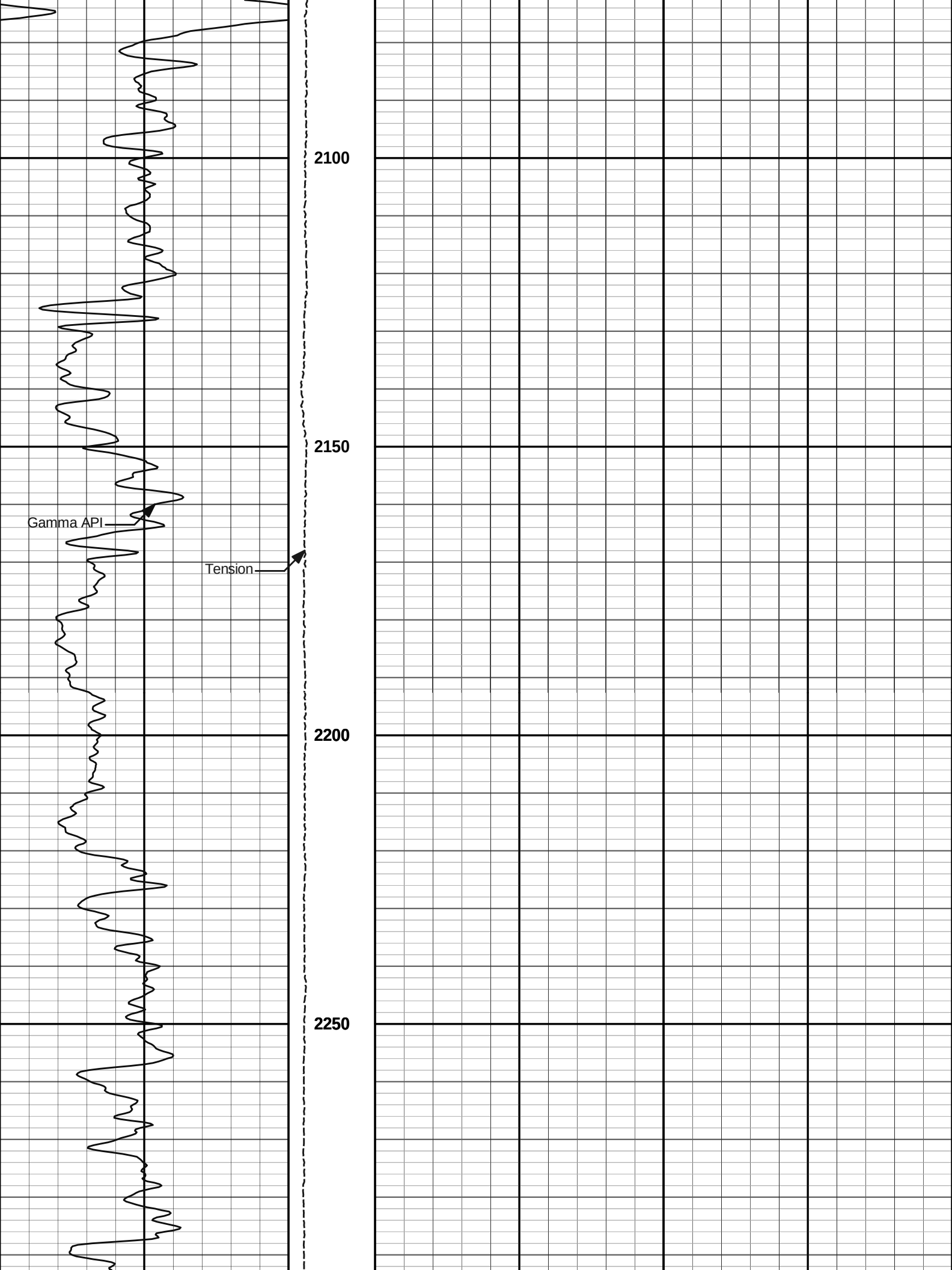
1950
2000
2050
Gamma API
Tension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Tension
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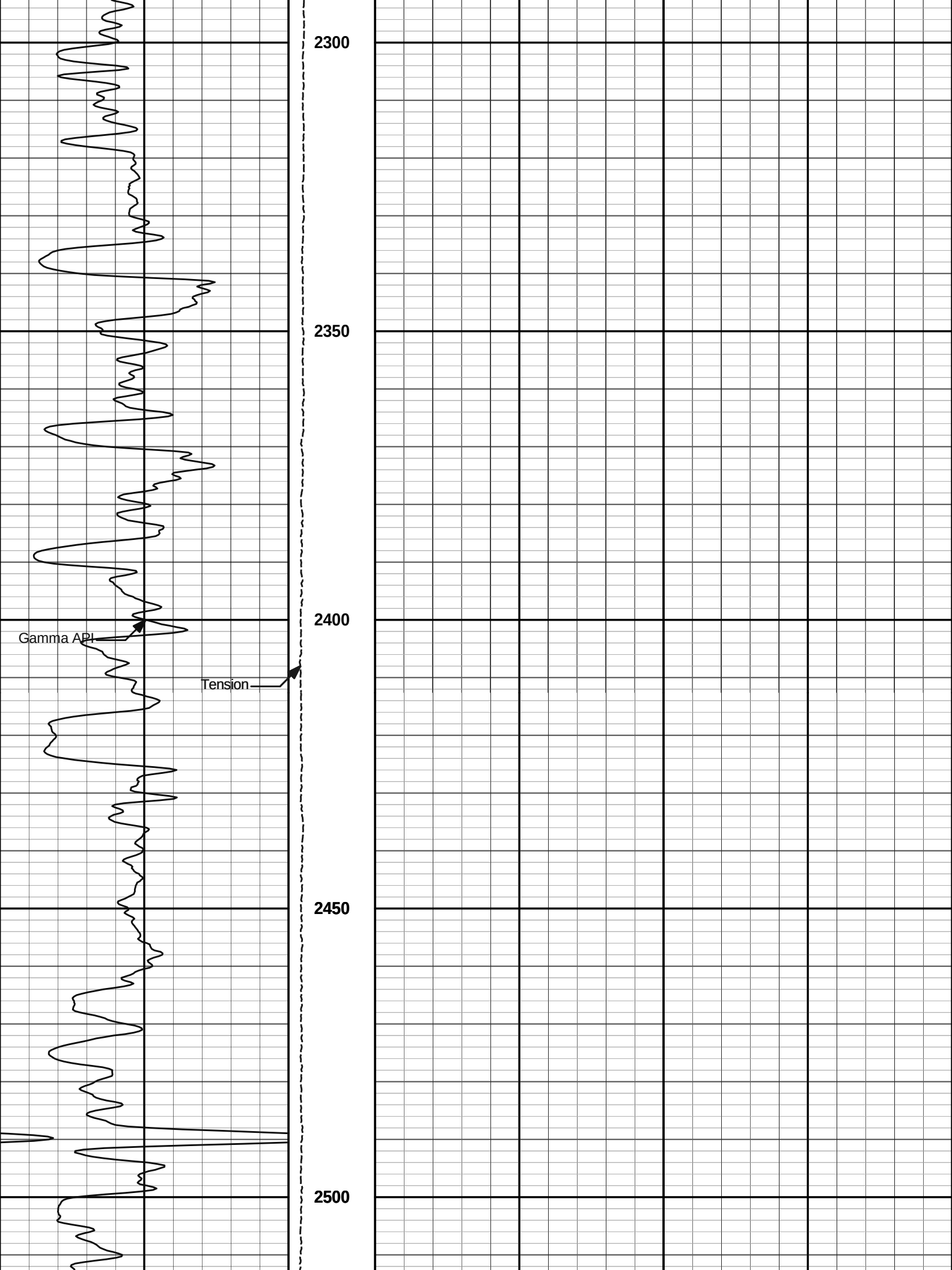
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2400
2450
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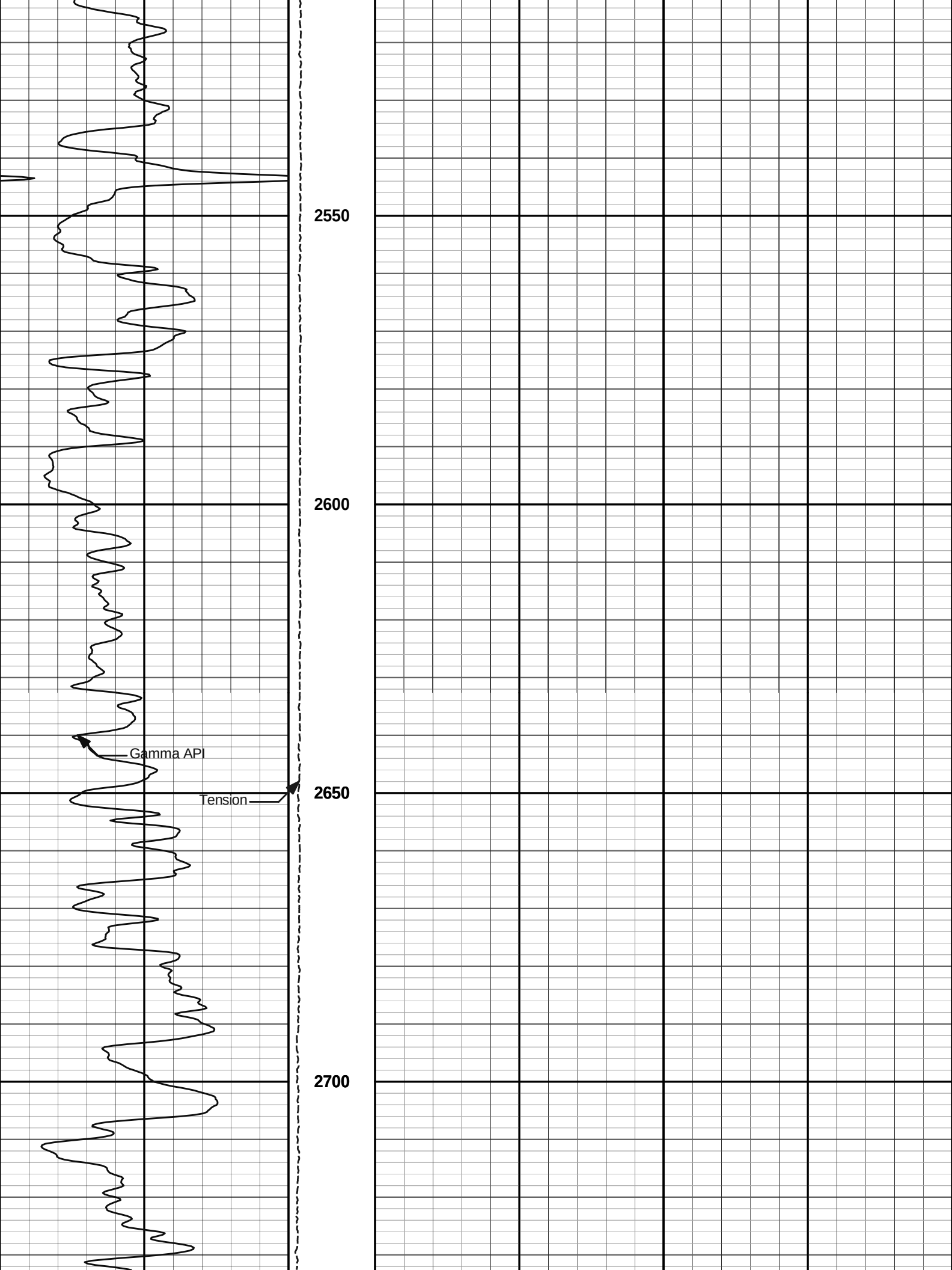
Tension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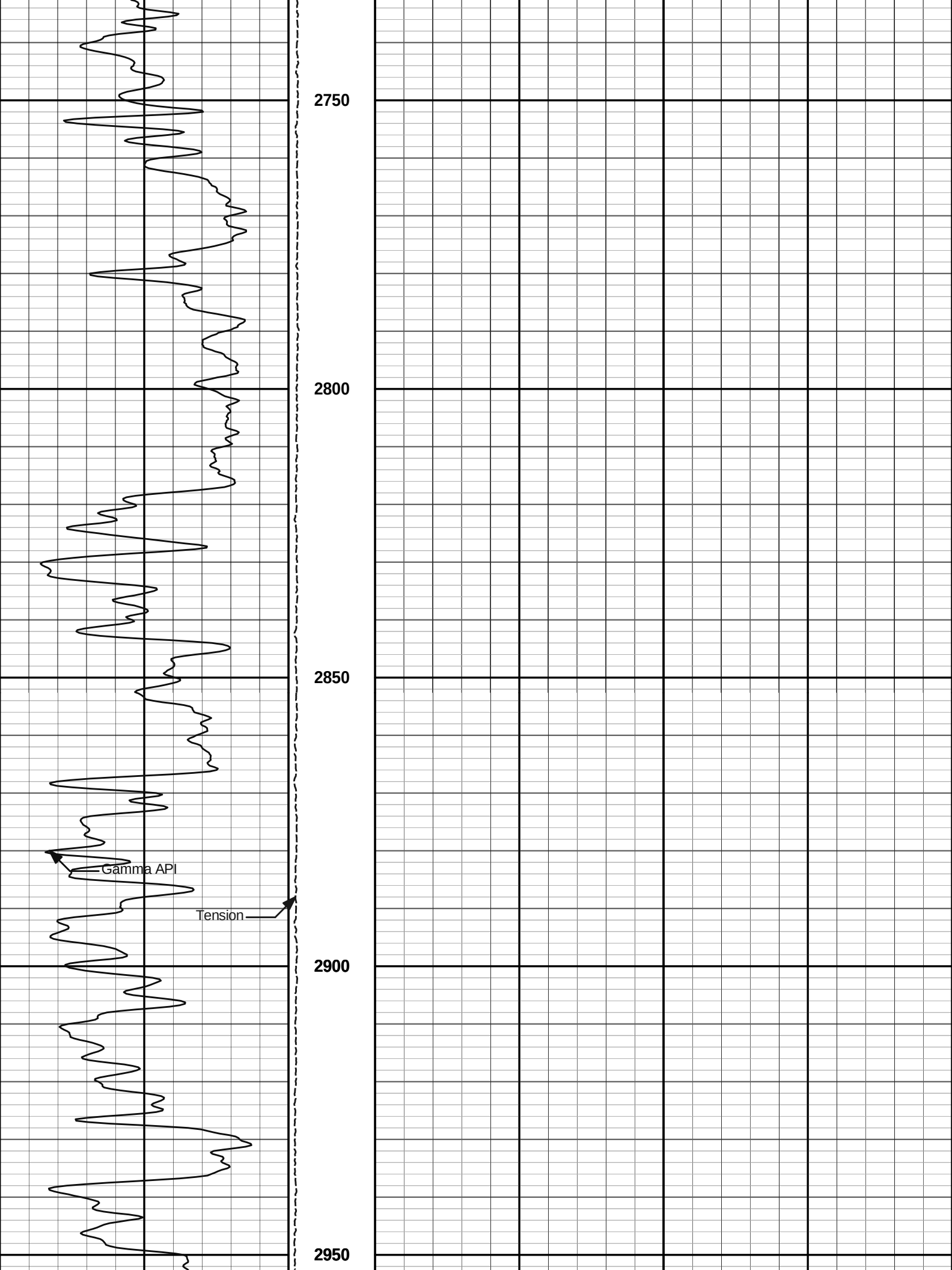
2600
Gamma API
Tension
2650
2700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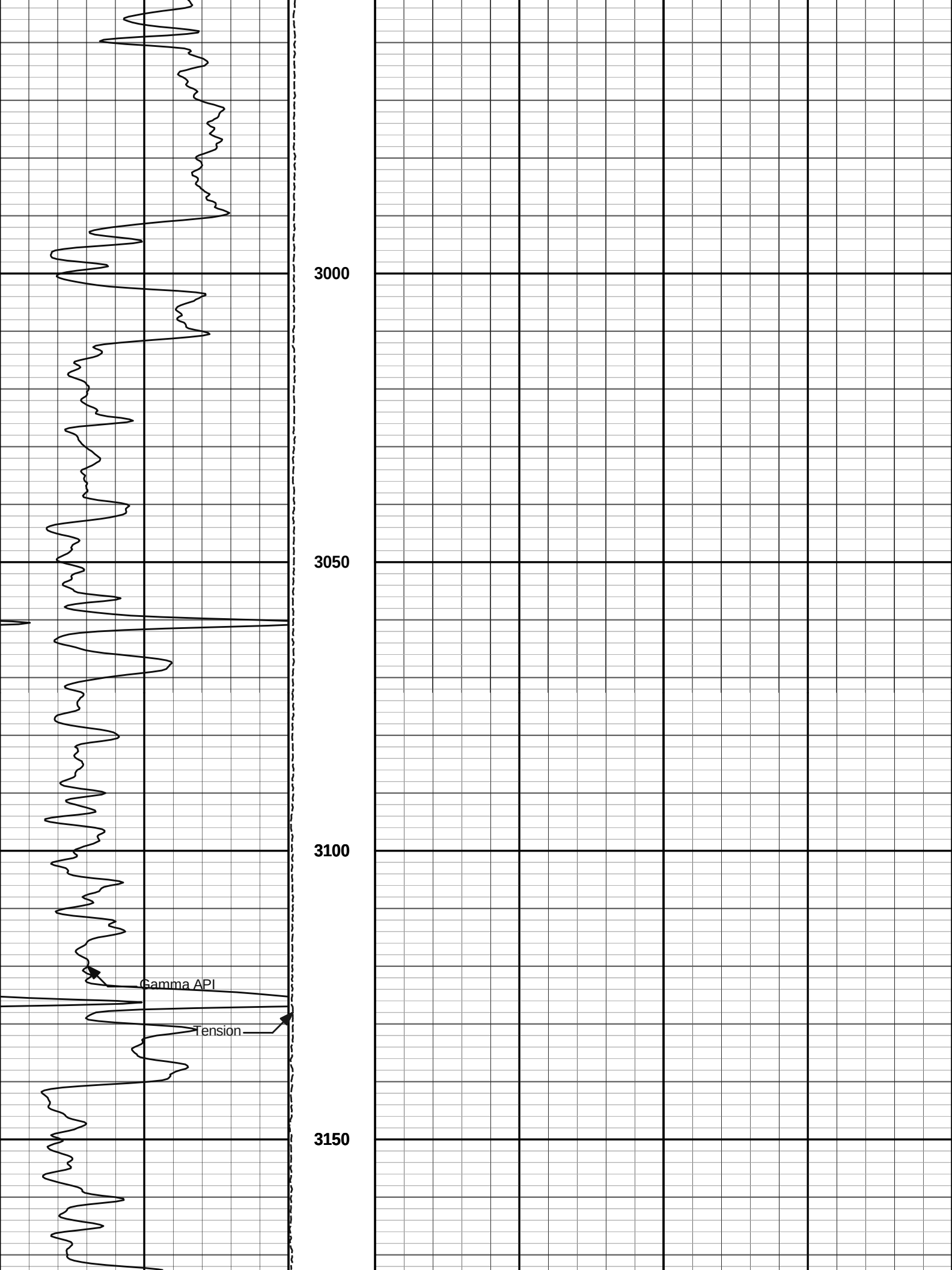
2800
2850
2900
2950
Gamma API
Tension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3050
3100
3150
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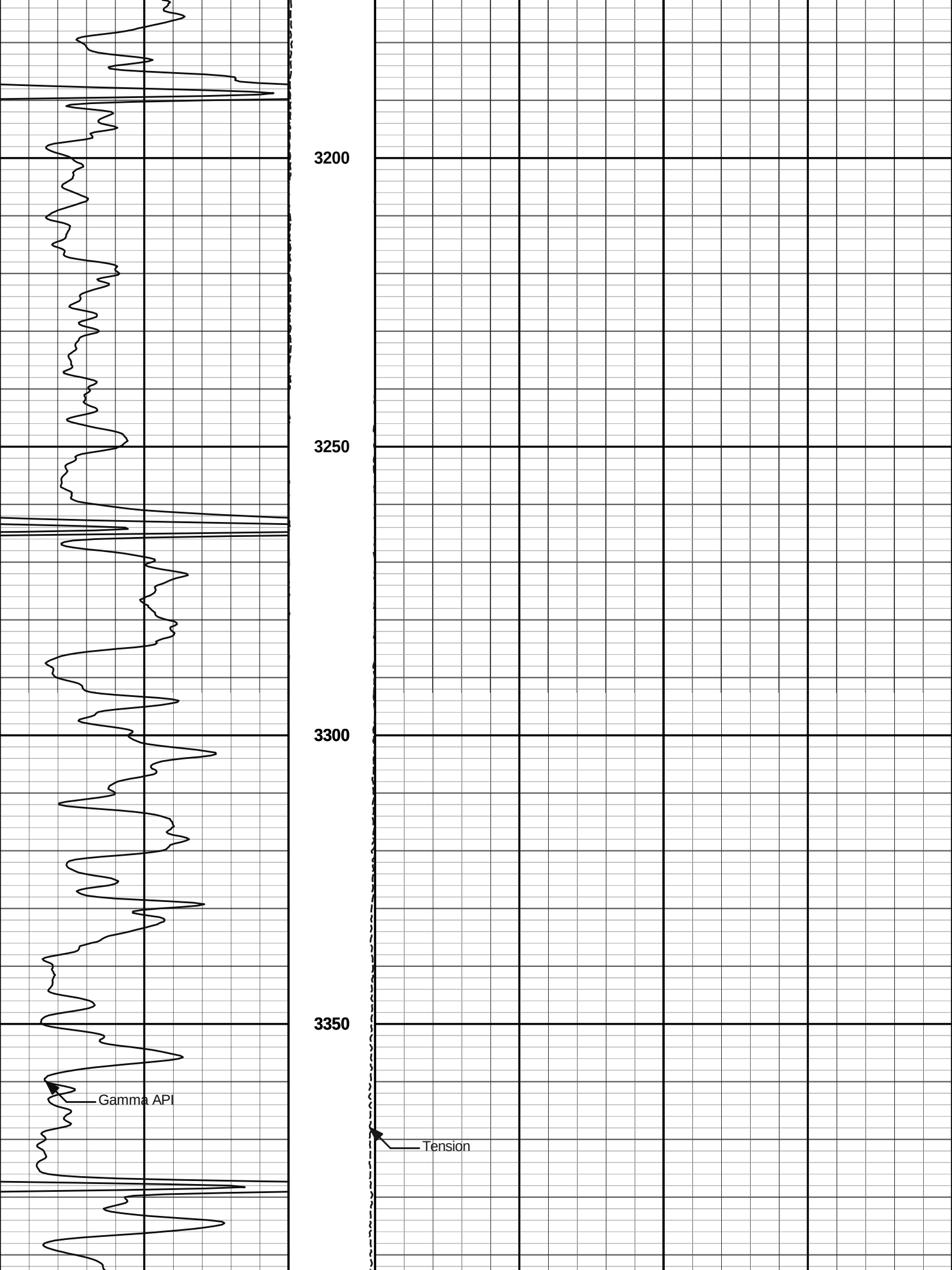
Tension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3250
3300
3350
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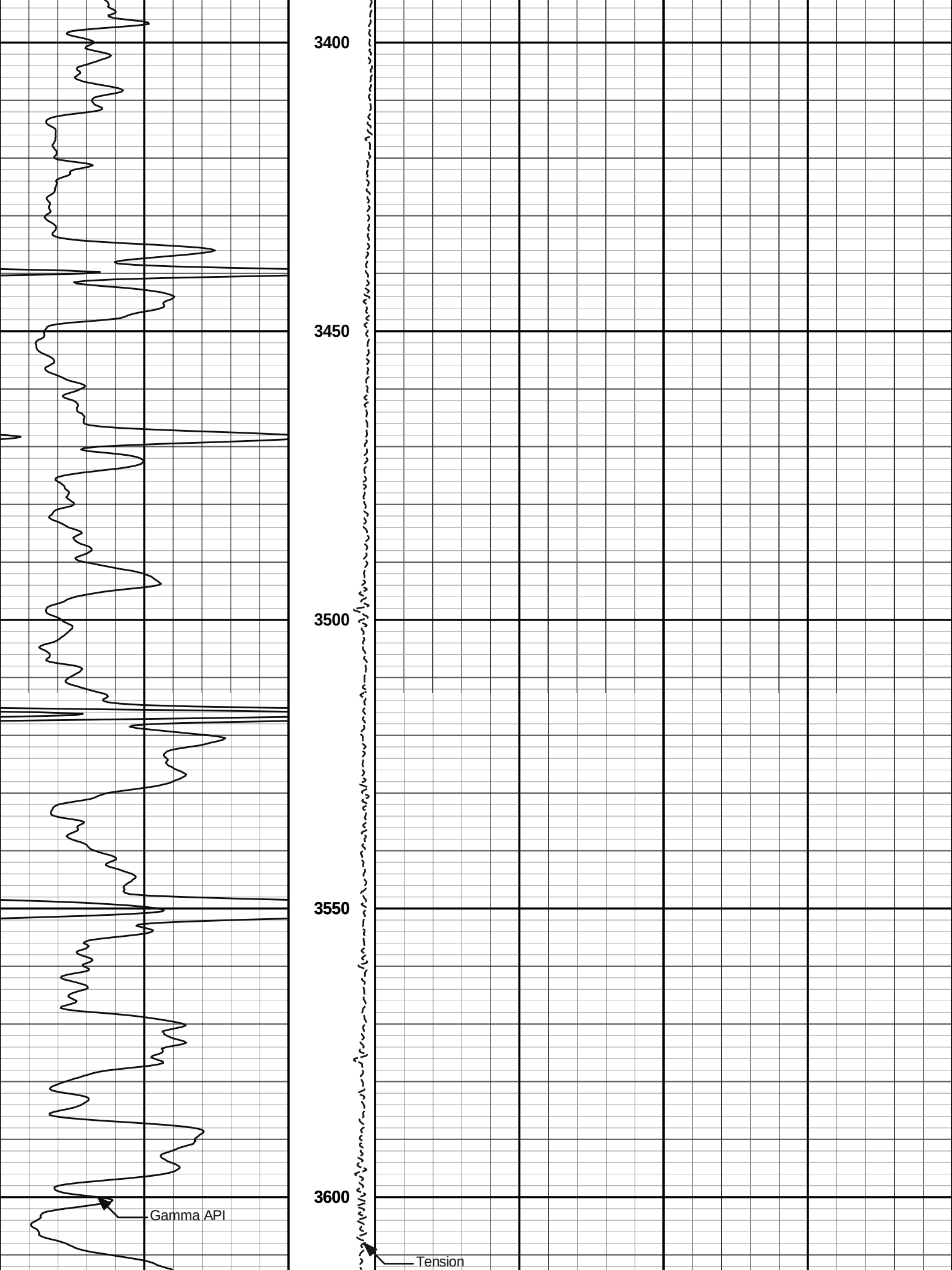
Tension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3500
3550
3600
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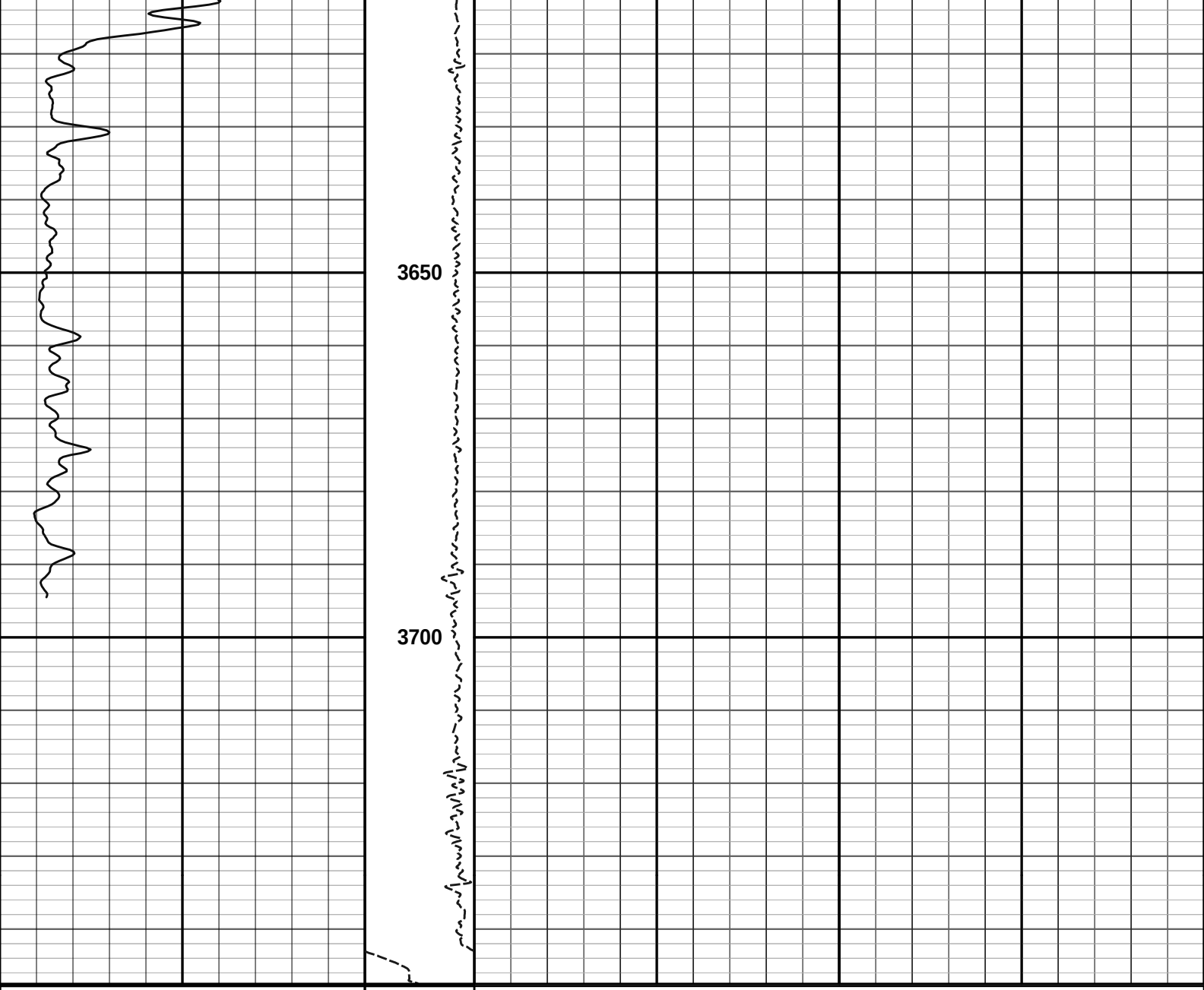
Tension



0 Gamma API 150	2K Tension 0	
api	pounds	
	MD 1 : 240 ft	

HALLIBURTON

Plot Time: 11-Nov-11 16:46:22
Plot Range: 665.75 ft to 3747.5 ft
Data: MCCORD_A_20H\Well Based\DAQ-0003-001*
Plot File: \\GAMMA\GR TIE IN

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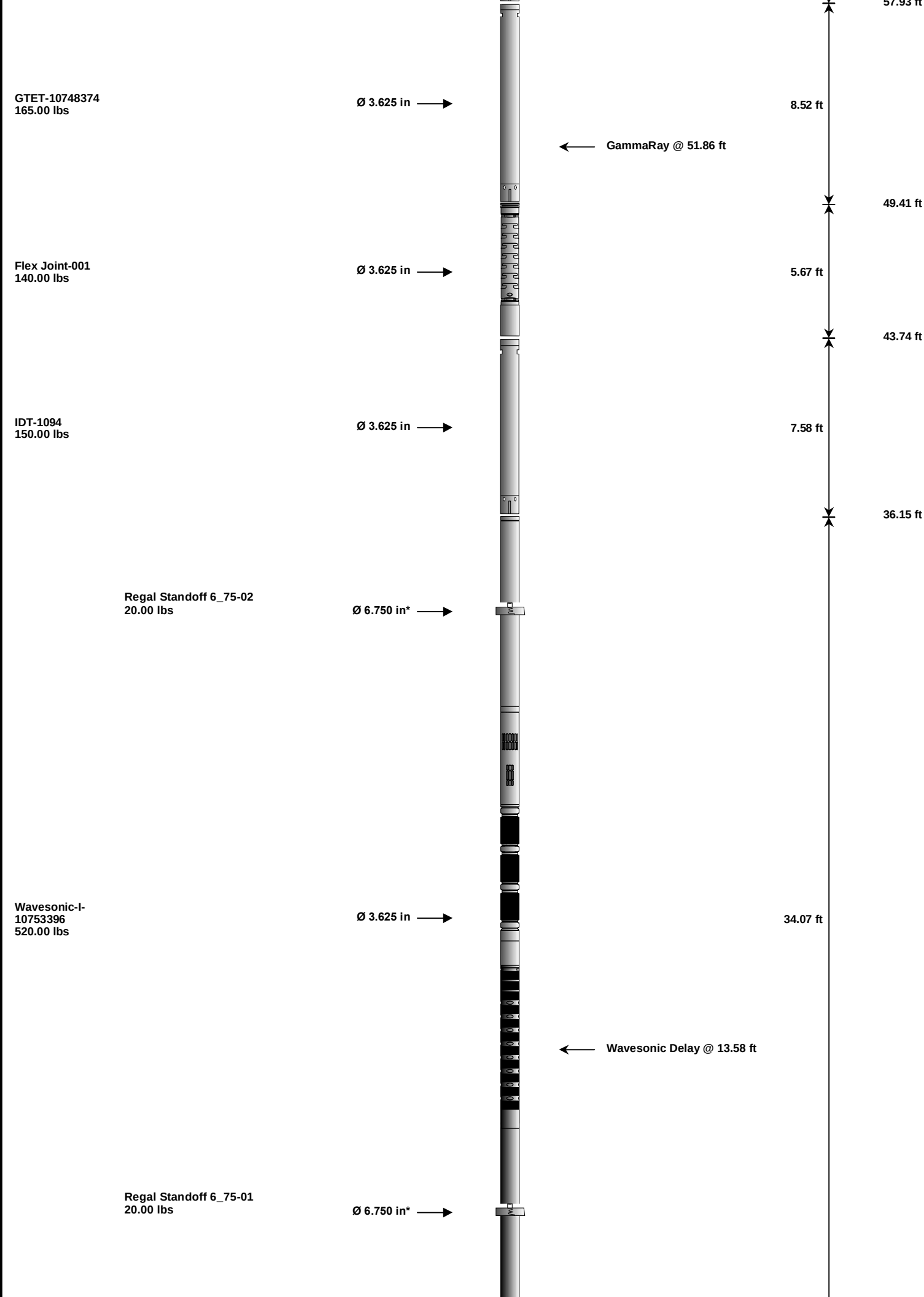
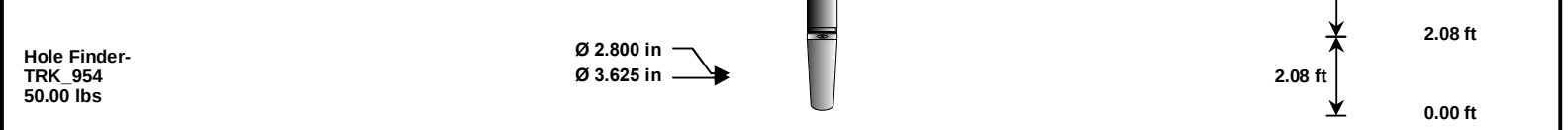
TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
						63.59 ft
Cable Head-PROT01 30.00 lbs		Ø 3.625 in →			1.92 ft	
						61.67 ft
SP Sub-TRK954 60.00 lbs		Ø 3.625 in →		← SP @ 59.89 ft	3.74 ft	
						57.93 ft


57.93 ft
GTET-10748374
165.00 lbs
Ø 3.625 in
8.52 ft
GammaRay @ 51.86 ft
49.41 ft
Flex Joint-001
140.00 lbs
Ø 3.625 in
5.67 ft
43.74 ft
IDT-1094
150.00 lbs
Ø 3.625 in
7.58 ft
36.15 ft
Regal Standoff 6_75-02
20.00 lbs
Ø 6.750 in*
Wavesonic-I-
10753396
520.00 lbs
Ø 3.625 in
34.07 ft
Wavesonic Delay @ 13.58 ft
Regal Standoff 6_75-01
20.00 lbs
Ø 6.750 in*



Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)		Accumulated Length (ft)	Max.Log. Speed (fpm)
CH	Standard OH Cable Head	PROT01	30.00	1.92		61.67	300.00
SP	SP Sub	TRK954	60.00	3.74		57.93	300.00
GTET	Gamma Telemetry Tool	10748374	165.00	8.52		49.41	60.00
FLEX	Flex Joint	001	140.00	5.67		43.74	300.00
IDT	Insite Directional Tool	1094	150.00	7.58		36.15	30.00
WSTT	WaveSonic Insite	10753396	520.00	34.07		2.08	30.00
RSOF	Regal Standoff 6.75in	01	20.00	0.52	*	6.38	300.00
RSOF	Regal Standoff 6.75in	02	20.00	0.52	*	31.90	300.00
HFND	Hole Finder	TRK_954	50.00	2.08		0.00	300.00
Total			**1,155.00**	**63.59**			

* Not included in Total Length and Length Accumulation.

Data: MCCORD_A_20H\0003 SP-GTET-FLEX-IDT-WSTT\IDLE **Date: 11-Nov-11 13:50:33**

HALLIBURTON

CALIBRATION REPORT

NATURAL GAMMA RAY TOOL SHOP CALIBRATION

Tool Name: GTET - 10748374 **Reference Calibration Date:** 09-Aug-11 05:40:36

Engineer: C. MARLOWE **Calibration Date:** 02-Nov-11 10:46:23

Software Version: WL INSITE R3.4.2 (Build 2) **Calibration Version:** 1

Calibrator Source S/N: TB-185

Calibrator API Reference:228.00 api

Equivalent Calibrator API Reference:232.0 api

Measurement	Measured	Calibrated	Units
Background	57.6	58.9	api
Background + Calibrator	284.6	290.9	api
Calibrator	226.9	232.0	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION

Tool Name: GTET - 10748374 **Reference Calibration Date:** 02-Nov-11 10:46:23

Engineer: C. HAVERKAMP **Calibration Date:** 10-Nov-11 15:15:49

Software Version: WL INSITE R3.4.2 (Build 2) **Calibration Version:** 1

Calibrator Source S/N: TB-185

Calibrator API Reference:228.00 api

Equivalent Calibrator API Reference:232.0 api

Field Verification	Shop	Field	Units
Background	58.9	29.5	api
Background + Calibrator	290.9	268.9	api
Calibrator	232.0	239.4	api

Shop	Field	Difference	Tolerance
232.0	239.4	-7.4	+/- 9.00

ACCELEROMETER AND MAGNETOMETER SHOP CALIBRATION

Tool Name: IDT - 1094 **Reference Calibration Date:** 12-Mar-10 15:37:37

Engineer: drew braun **Calibration Date:** 20-Jan-11 12:45:33

Software Version: WL INSITE R3.2.1 (Build 7) **Calibration Version:** 1

Reference Gravity Field: 1.0000 g

Reference Magnetic Field: 57760.0000 nT

* QF : value of 0 is shown for bad quality if | data - reference | > (2 * standard deviation) and > (0.5% of reference value)

ACCELEROMETER CALIBRATION RAW DATA VALUE

Raw Acc X	Raw Acc Y	Raw Acc Z	Quality(Gravity)	Quality Error(%)	QF
0.1887	-0.7321	0.0101	1.0006	99.9376	1
-0.7302	-0.1361	0.0093	1.0000	99.9993	1
-0.1302	0.7210	0.0095	0.9996	99.9568	1
0.7559	0.0866	0.0103	0.9999	99.9914	1
0.0670	0.7323	0.0003	0.9999	99.9923	1
-0.1526	0.6714	0.1341	1.0007	99.9272	1
0.0248	0.7342	0.0114	0.9998	99.9805	1
0.7499	-0.1434	0.0124	1.0000	99.9988	1
-0.0734	-0.7478	0.0113	0.9994	99.9443	1
-0.7364	0.0730	0.0106	0.9997	99.9707	1
-0.0593	0.0020	0.3778	0.9999	99.9879	1
-0.6655	0.2310	-0.1040	1.0004	99.9601	1

ACCELEROMETER QUALITY SUMMARY

Average Calculated Gravity Field	1.0000	g
Standard Deviation Calculated Gravity Field	0.0004	g

ACCELEROMETER GAIN AND OFFSET

	GAIN	OFFSET
ACC X	1.3301651478	-0.0139528615
ACC Y	1.3446035385	0.0123427911
ACC Z	2.6820049286	-0.0178084746

* QF : value of 0 is shown for bad quality if | data - reference | > (3 * standard deviation) and > (1% of reference value)

MAGNETOMETER CALIBRATION RAW DATA VALUE

Raw Mag X	Raw Mag Y	Raw Mag Z	Quality(Magnetic)	Quality Error(%)	QF
-0.0350	1.3755	0.0227	57691.7969	99.8819	1
1.3577	-0.0764	0.0155	57746.0273	99.9758	1
-0.0462	-1.3894	0.0170	57792.2070	99.9442	1
-1.3649	0.1201	0.0218	57685.6953	99.8714	1
-0.1220	-1.3509	0.2830	57351.7578	99.2932	1
0.3188	-1.3416	0.1904	57829.3008	99.8800	1
-0.0231	-1.3654	-0.2674	58096.6719	99.4171	1
-1.3225	0.2356	-0.2631	57849.5234	99.8450	1
0.1384	1.3394	-0.2640	57807.5820	99.9176	1
1.3250	-0.1538	-0.2695	57976.6406	99.6249	1
0.3378	-0.2902	1.3432	57823.7461	99.8896	1
1.1120	-0.3807	-0.6586	57449.4063	99.4623	1

MAGNETOMETER QUALITY SUMMARY

Average Calculated Magnetic Field	57758.3633	nT
Standard Deviation Calculated Magnetic Field	203.1411	nT

MAGNETOMETER GAIN AND OFFSET

	GAIN	OFFSET
MAG X	42280.6406250000	265.6466979980

MAG Y	41753.8320312500	245.8357543945
MAG Z	41625.7226562500	-1221.4552001953

Noise Level Value: 0.000179 cnts

Noise Level Cal Value: 0.0005 g

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-10748374						
Gamma Ray Calibrator	232.0	239.4	----------	-7.4	+/- 9.00	api

Data: MCCORD_A_20H\0003 SP-GTET-FLEX-IDT-WSTT\IDLE **Date: 11-Nov-11 15:23:52**

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PARAMETERS REPORT

Depth ((ft))	Tool Name	Mnemonic	Description	Value	Units
TOP					
	SHARED	BS	Bit Size	8.750	in
	SHARED	UBS	Use Bit Size instead of Caliper for all applications.	No	
	SHARED	MDBS	Mud Base	Water	
	SHARED	MDWT	Borehole Fluid Weight	9.200	ppg
	SHARED	WAGT	Weighting Agent	Natural	
	SHARED	BSAL	Borehole salinity	0.00	ppm
	SHARED	FSAL	Formation Salinity NaCl	0.00	ppm
	SHARED	KPCT	Percent K in Mud by Weight?	0.00	%
	SHARED	RMUD	Mud Resistivity	0.700	ohmm
	SHARED	TRM	Temperature of Mud	78.0	degF
	SHARED	CSD	Logging Interval is Cased?	No	
	SHARED	ICOD	AHV Casing OD	7.000	in
	SHARED	ST	Surface Temperature	75.0	degF
	SHARED	TD	Total Well Depth	3737.00	ft
	SHARED	BHT	Bottom Hole Temperature	100.0	degF
	SHARED	SVTM	Navigation and Survey Master Tool	IDT	
	SHARED	AZTM	High Res Z Accelerometer Master Tool	IDT	
	SHARED	TEMM	Temperature Master Tool	NONE	
	SHARED	BHSM	Borehole Size Master Tool	NONE	
	GTET	GROK	Process Gamma Ray?	Yes	
	GTET	GRSO	Gamma Tool Standoff	0.000	in
	GTET	GEOK	Process Gamma Ray EVR?	No	
	GTET	TPOS	Tool Position for Gamma Ray Tools.	Eccentered	
	IDT	WRTI	Survey Writing Interval	30	ft
	IDT	SOPT	Smoothing Option	None	
	Wavesonic-I	WSOK	Process WSTT?	Yes	
	Wavesonic-I	MSWN	Monopole Sliding Window Length	-1.00	us
	Wavesonic-I	DSWN	Dipole Sliding Window Length	-1.00	us
	Wavesonic-I	PINT	Process 1 Sample and Skip	0	
	Wavesonic-I	PROM	Process Mode: M=1,MX=2,MY=3,MXY=4	4	
	Wavesonic-I	SMTH	Semblance Smoothing	-2.00	
	Wavesonic-I	DTSH	Delta -T Shale	100.00	uspf
	Wavesonic-I	DTMT	Delta -T Matrix Type	User define	
	Wavesonic-I	DTMA	Delta -T Matrix	47.60	uspf
	Wavesonic-I	DTFL	Delta -T Fluid	189.00	uspf

Wavesonic-I	RHOM	Matrix Density	2.7100	g/cc
Wavesonic-I	RHOF	Fluid Density	1.0000	g/cc
Wavesonic-I	STOL	Slow Tolerance	40.00	
Wavesonic-I	SMTL	Semblance Tolerance	0.25	
Wavesonic-I	SMTL	Semblance Threshold	0.25	
Wavesonic-I	VPVS	VPVS Ratio for Porosity	1.40	
Wavesonic-I	APEQ	Acoustic Porosity Equation	Wylie	
Wavesonic-I	SHAO	Show Advanced Options?	Yes	
Wavesonic-I	WRNM	Wavesonic Receiver Normalization Method	None	
Wavesonic-I	DTRM	Transmitter to First Receiver Distance - Monopole	10.24	ft
Wavesonic-I	DTRX	Transmitter to First Receiver Distance Dipole X	9.24	ft
Wavesonic-I	DTRY	Transmitter to First Receiver Distance Dipole Y	9.24	ft
Wavesonic-I	DIRM	Receiver Spacing	0.50	ft
Wavesonic-I	NRAM	Number of Receivers in Array	8	
Wavesonic-I	DWCM	Digitizer Word Count Monopole	400	
Wavesonic-I	DSIM	Digital Sample Interval - Monopole	20.3174	us
Wavesonic-I	WDDM	Waveform Recording Delay Monopole	-304.761	us
Wavesonic-I	DWCX	Digitizer Word Count Dipole X	400	
Wavesonic-I	DSIX	Digital Sample Interval Dipole X	40.635	us
Wavesonic-I	WDDX	Waveform Digitization Delay Dipole X	-304.761	us
Wavesonic-I	DWCY	Digitizer Word Count Dipole Y	400	
Wavesonic-I	DSIY	Digital Sample Interval Dipole Y	40.635	us
Wavesonic-I	WDDY	Waveform Digitization Delay Dipole Y	-304.761	us
Wavesonic-I	NAVS	Navigation Source Tool	IDT	

BOTTOM

Data: MCCORD_A_20H\0003 SP-GTET-FLEX-IDT-WSTT\IDLE **Date: 11-Nov-11 15:24:33**

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INPUTS, DELAYS AND FILTERS TABLE

Mnemonic	Input Description	Delay (ft)	Filter Type	Filter Length (ft)
	Depth Panel			
TENS	Tension	0.00	NO	
	SP Sub			
PLTC	Plot Control Mask	59.89	NO	
SP	Spontaneous Potential	59.89	BLK	1.250
SPR	Raw Spontaneous Potential	59.89	NO	
SPO	Spontaneous Potential Offset	59.89	NO	
	GTET			
TPUL	Tension Pull	51.86	NO	
GR	Natural Gamma Ray API	51.86	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	51.86	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	51.86	W	1.416 , 0.750
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
	IDT			
TPUL	Tension Pull	37.15	NO	
ACCX	Accelerometer X	37.15	NO	
ACCY	Accelerometer Y	37.15	NO	
ACCZ	Accelerometer Z	37.15	NO	
MAGX	magnetometer x with unit	37.15	NO	

MAGX	magnetometer x with unit	37.15	NO
MAGY	Magnetometer Y with unit	37.15	NO
MAGZ	magnetometer z with unit	37.15	NO
IAMP	Accelerometer Temperature	37.15	NO
MTMP	Magnetometer Temperature	37.15	NO

Wavesonic-I			
TPUL	Tension Pull	13.58	NO
DPSX	Dipole Source X Structurel	2.08	NO
DPSY	Dipole Source Y Structurel	2.08	NO
DPSM	Monopole Source Structure	2.08	NO
WVST	Wavesonic Compressed Data	13.58	NO
TPUL	Tension Pull	13.58	NO
XMS1	Wave Sonic Status Word 1	2.08	NO
XMS2	Wave Sonic Status Word 2	2.08	NO
XMS1	Wave Sonic XMITStatus Word 1	2.08	NO
XMS1	Wave Sonic XMITStatus Word 2	2.08	NO
F1HA	Dipole 1 HV After	2.08	NO
F1HB	Dipole 1 HV Before	2.08	NO
F2HA	Dipole 2 HV After	2.08	NO
F2HB	Dipole 2 HV Before	2.08	NO
F3HA	Monopole HV After	2.08	NO
F3HB	Monopole HV Before	2.08	NO
INVT	Input Voltage	2.08	NO
5VOL	5 Volts	2.08	NO
MI5A	Minus 5 Volts Analog	2.08	NO
ITMP	Instrument Temperature	2.08	NO
PL5A	Plus 5 Volts Analog	2.08	NO
5VD	Plus 5 Volts Digital	2.08	NO
TCUR	Tool Current	2.08	NO
SUPV	Supply Voltage	2.08	NO
PRVT	Preregulated voltage	2.08	NO
PRVT	Pre-regulated voltage Xmter	2.08	NO
TEMP	Temperature	2.08	NO
ACQN	Acquisition Number	2.08	NO
XDP	Delay Reference	13.58	NO
MITM	MIT Mode	13.58	NO
VERS	Version	2.08	NO
D1CT	Dipole 1 Compressed Word Count	13.58	NO
D2CT	Dipole 2 Compressed Word Count	13.58	NO
MCNT	Monopole Compressed Word Count	13.58	NO
SEQN	Sequence Number	2.08	NO
FREV	Firmware Revision	2.08	NO
MSMP	Monopole Sample Rate	2.08	NO
MSMP	Dipole Sample Rate	2.08	NO
MFWF	Monopole Firing Waveform	2.08	NO
MFRQ	Monopole Frequency	2.08	NO
MDLY	Monopole Delay	2.08	NO
DXWF	Dipole X Firing Waveform	2.08	NO
XFRQ	Dipole X Frequency	2.08	NO
XDLY	Dipole X Delay	2.08	NO
DYWF	Dipole Y Firing Waveform	2.08	NO
YFRQ	Dipole Y Frequency	2.08	NO
YDLY	Dipole Y Delay	2.08	NO
DPSX	Dipole Source X Structurel	2.08	NO
DPSY	Dipole Source Y Structurel	2.08	NO

DPSM	Monopole Source Structure	2.08	NO
WVST	Wavesonic Compressed Data	13.58	NO
AUTM	Auto Mode	2.08	NO
SONM	tool mode for sonic - 0 for normal or 3 for calibration	2.08	NO
MSL	Monopole Lower Travel Time	13.58	NO
MSH	Monopole Upper Travel Time	13.58	NO
MLFC	Monopole-1 Lower Filter Bandpass Frequency Cut-off	2.08	NO
MUFC	Monopole-1 Upper Filter Bandpass Frequency Cut-off	2.08	NO
DLTT	Dipole Lower Travel Time	2.08	NO
DUTT	Dipole Upper Travel Time	2.08	NO
DLFC	Dipole Lower Filter Bandpass Frequency Cut-off	2.08	NO
DUFC	Dipole Upper Filter Bandpass Frequency Cut-off	2.08	NO
MUTE	WaveSonic Mute/Enable Channels and Sides map	2.08	NO
MUTS	Mute/Enable Sides	2.08	NO
WSRB	Relative Bearing	13.58	NO
WSAZ	WSX Azimuth Pad 1	13.58	NO
TPUL	Tension Pull	13.58	NO
WMP	Summed array of Monopole for SIDES - A,B,C,D	13.58	NO
WXX	Dipole X for SIDES - A-C	13.58	NO
WYY	Dipole Y for SIDES - B-D	13.58	NO
WXY	Dipole X for SIDES - B-D	13.58	NO
WYX	Dipole Y for SIDES - A-C	13.58	NO
TPUL	Tension Pull	13.58	NO
WMA	Monopole Waveform Side A - Channel 1 to Channel 8 Receivers	13.58	NO
WMB	Monopole Waveform Side B - Channel 1 to Channel 8 Receivers	13.58	NO
WMC	Monopole Waveform Side C - Channel 1 to Channel 8 Receivers	13.58	NO
WMD	Monopole Waveform Side D - Channel 1 to Channel 8 Receivers	13.58	NO
WXA	Dipole X Waveform Side A - Channel 1 to Channel 8 Receivers	13.58	NO
WXB	Dipole X Waveform Side B - Channel 1 to Channel 8 Receivers	13.58	NO
WXC	Dipole X Waveform Side C - Channel 1 to Channel 8 Receivers	13.58	NO
WXD	Dipole X Waveform Side D - Channel 1 to Channel 8 Receivers	13.58	NO
WYA	Dipole Y Waveform Side A - Channel 1 to Channel 8 Receivers	13.58	NO
WYB	Dipole Y Waveform Side B - Channel 1 to Channel 8 Receivers	13.58	NO
WYC	Dipole Y Waveform Side C - Channel 1 to Channel 8 Receivers	13.58	NO
WYD	Dipole Y Waveform Side D - Channel 1 to Channel 8 Receivers	13.58	NO

Data: MCCORD_A_20H\0003 SP-GTET-FLEX-IDT-WSTT\IDLE **Date: 11-Nov-11 15:24:07**

COMPANY	**VESS OIL CORPORATION**		
WELL	**McCORD A-20H**		
FIELD	**BEMIS-SHUTTS**		
COUNTY	**ELLIS**	STATE	**KANSAS**

HALLIBURTON

GAMMA RAY

	GAMMA RAY **LOG**