HALLIBURTON

ARRAY COMPENSATED TRUE RESISTIVITY LOG

COMPANY VAL ENERGY, INC.
WELL PARR-PACKARD 1-22
FIELD MINGONA
COUNTY BARBER
STATE KANSAS

COMPANY **VAL ENERGY, INC.**

WELL **PARR-PACKARD 1-22**

FIELD **MINGONA**

COUNTY **BARBER** STATE **KANSAS**

API No. 15-007-23736

Location 430' FNL & 2110' FEL

Sect. 22 Twp. 31S Rge. 13W

Other Services:
DSN/SDL
MICRO

Permanent Datum	GL		Elev. 1608.0 ft	Elev.: K.B.	1617.0 ft
Log measured from	KB		9.0 ft above perm. Datum	D.F.	1616.0 ft
Drilling measured from	KB			G.L.	1608.0 ft

Date		25-Jul-11						
Run No.		1						
Depth - Driller		4550.00 ft						
Depth - Logger		4538.0 ft						
Bottom - Logged Interval		4529.0 ft						
Top - Logged Interval		225.0 ft						
Casing - Driller		8.625 in	@ 227.0 ft	@		@		
Casing - Logger		225.0 ft						
Bit Size		7.875 in		@		@		
Type Fluid in Hole		WATER BASED MUD						
Density	Viscosity	9.4 ppg	44.00 s/qt					
PH	Fluid Loss	9.00 pH	36.0 cptm					
Source of Sample		FLOW LINE						
Rm @ Meas. Temperature		0.270 ohmm	@ 95.00 degF	@		@		
Rmf @ Meas. Temperature		0.23 ohmm	@ 90.00 degF	@		@		
Rmc @ Meas. Temperature		0.320 ohmm	@ 90.00 degF	@		@		
Source Rmf	Rmc	MEAS	MEAS					
Rm @ BHT		0.31 ohmm	@ 130.0 degF	@		@		
Time Since Circulation		4.0 hr						
Time on Bottom		25-Jul-11 21:02						
Max. Rec. Temperature		130.0 degF	@ 4538.0 ft	@		@		
Equipment	Location	10546696	LIBERAL					
Recorded By		J. BOSH						
Witnessed By		Z. STEWART						

Fold here

Service Ticket No.: 8347894 API Serial No.: 15-007-23736 PGM Version: WL INSITE R3.2.0 (Build 7)

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE

	Sample No.				
Date					
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
	ONE	ACRT S909	N/A	1.5" S.O.	N/A

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.		Run No.		Run No.	
Serial No.	11048627	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	10'	FWDA [Y/N]		Strength		Strength	

LOGGING DATA

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	CSG	REC	0	150									

DIRECTIONAL INFORMATION

Maximum Deviation @ KOP @

Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5 INCH CASING

CHLORIDES: 11000 PPM LCM: 16 #/BBL

GPS COORDINATES: LAT:37.20 N LONG: 98.43 W

TODAY'S CREW: K. KELLY, K. KING

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

HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

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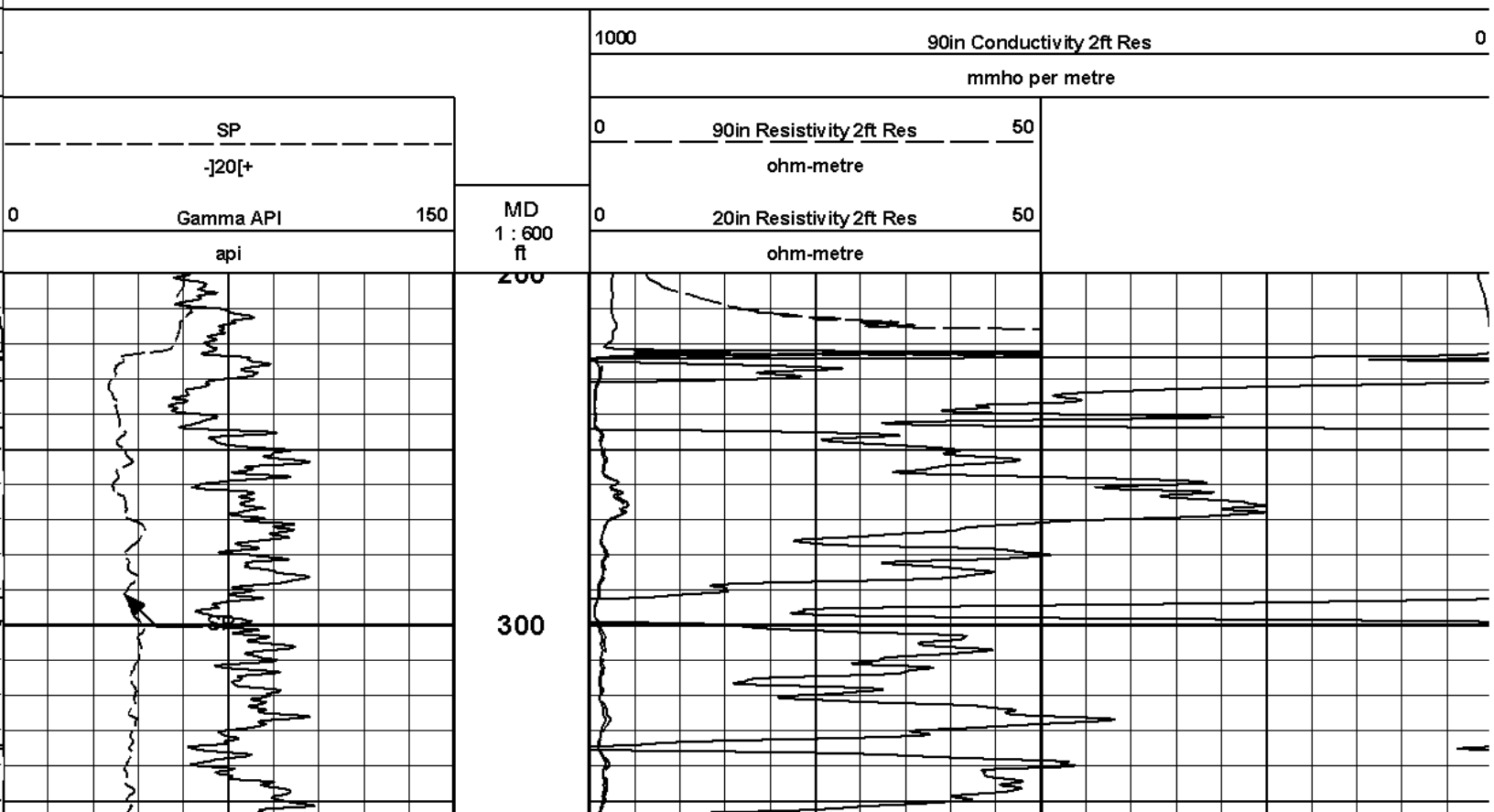
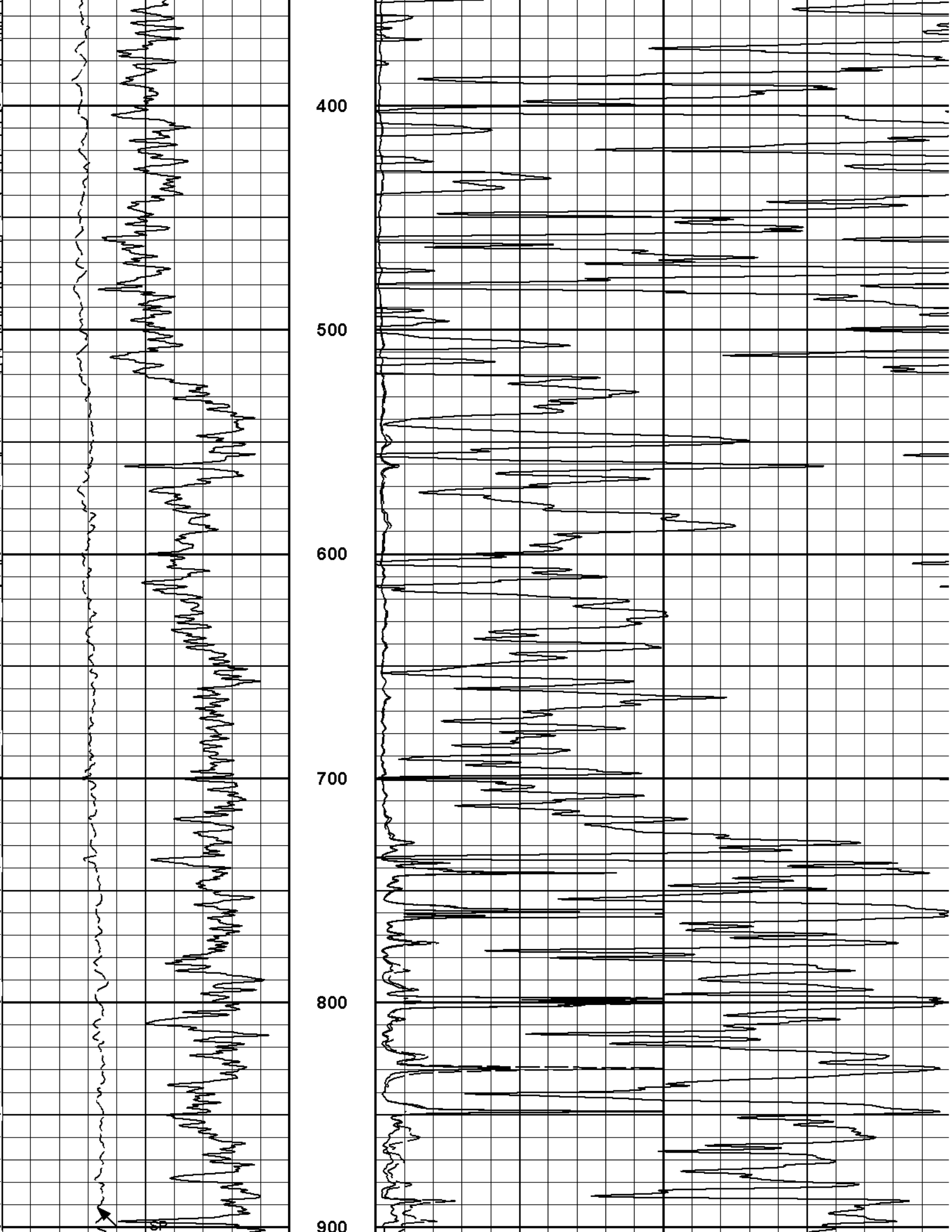
Plot Time: 26-Jul-11 00:08:14
Plot Range: 200 ft to 4543.33 ft
Data: PARR_PAKRD_1_22\Well Based\DAQ-0001-004\
Plot File: \\-LOCAL-\PARR_PAKRD_1_22\Well Based\ACRT\ACRT_2_lib

2 INCH MAIN LOG

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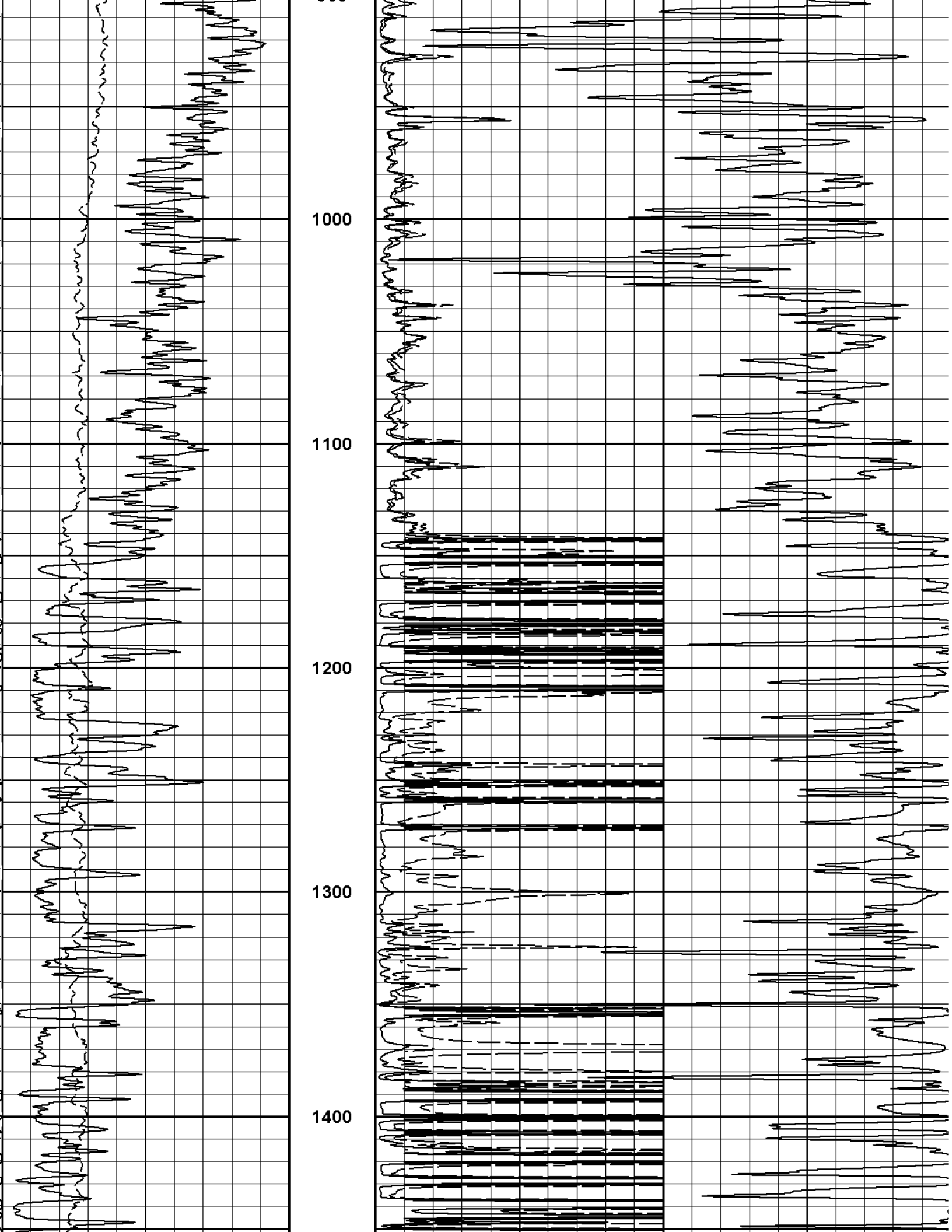
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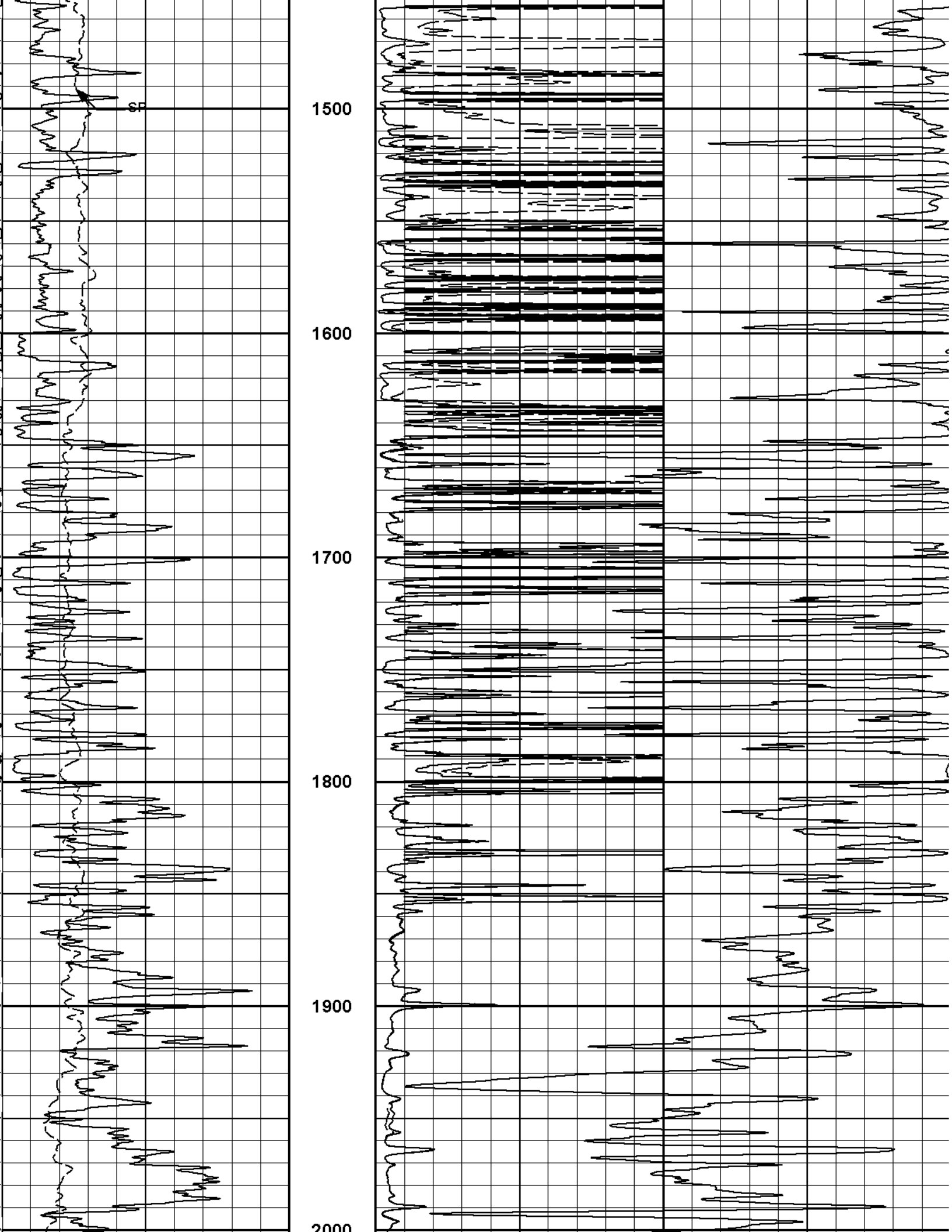
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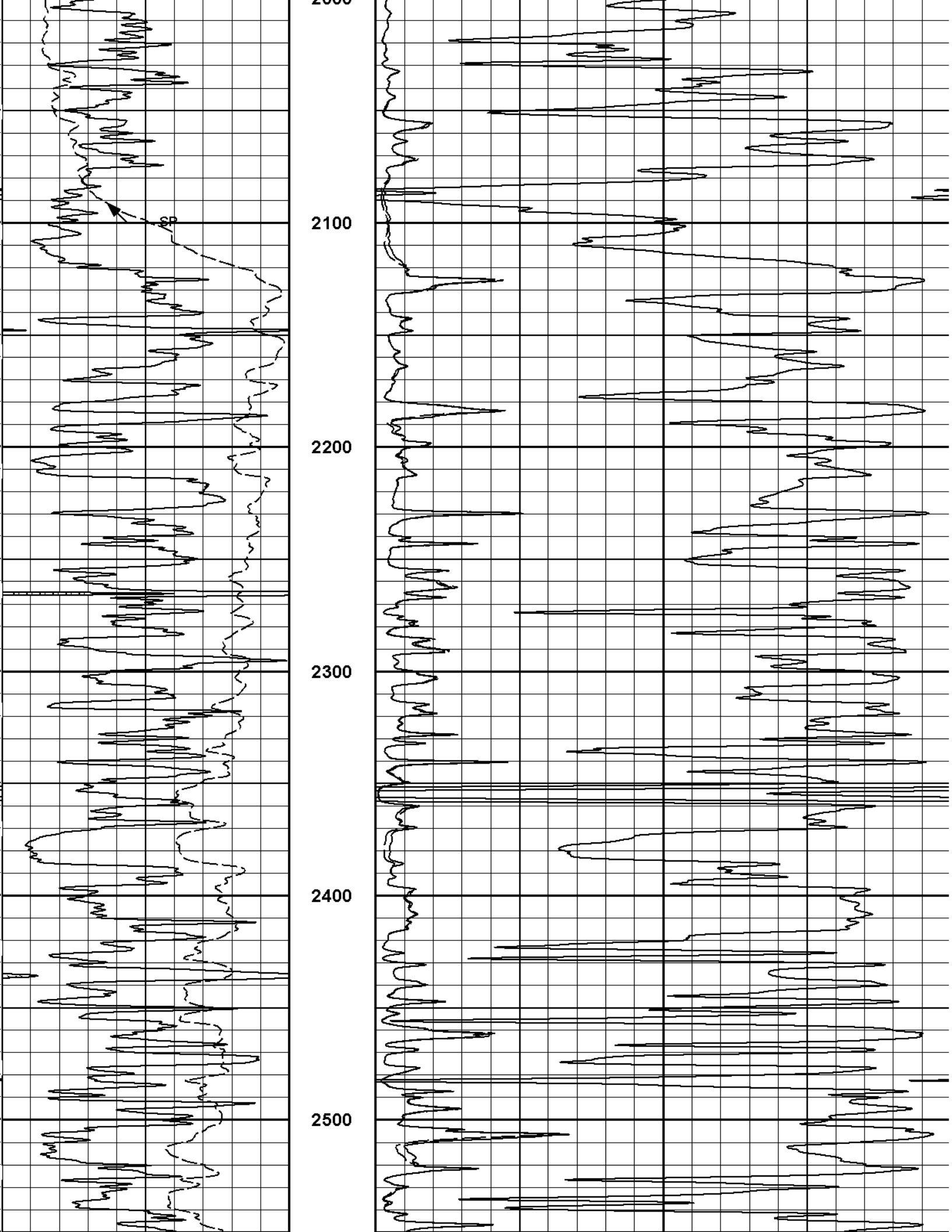
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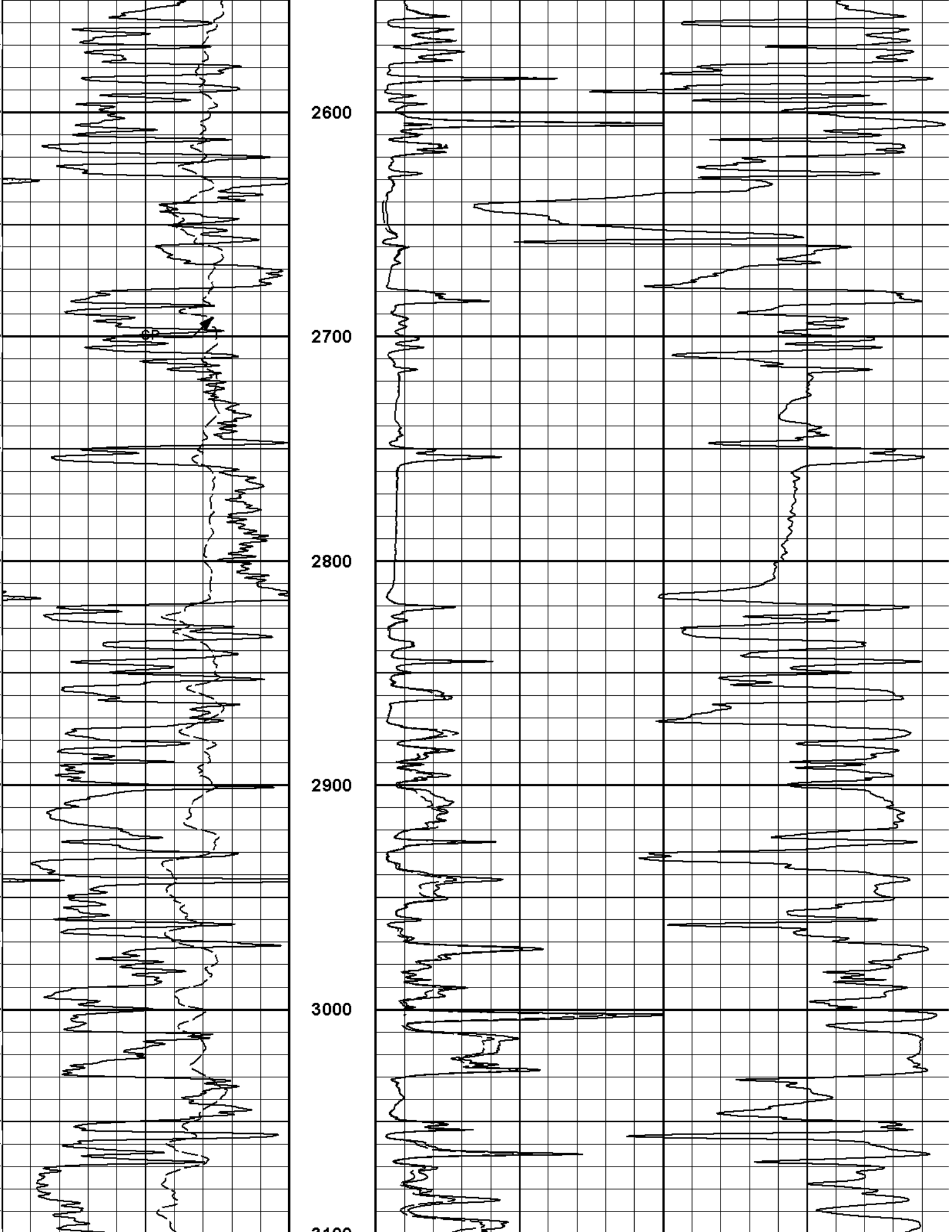
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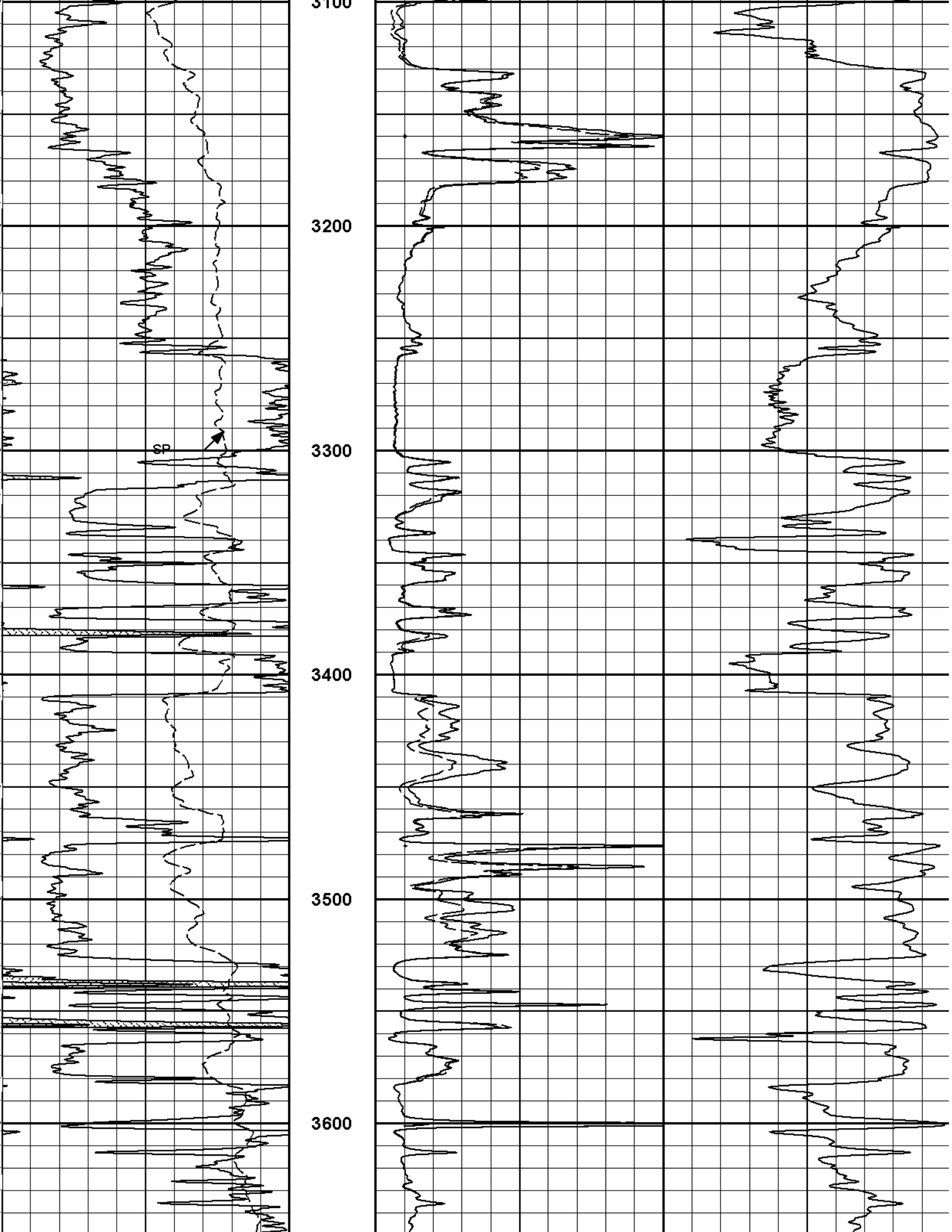
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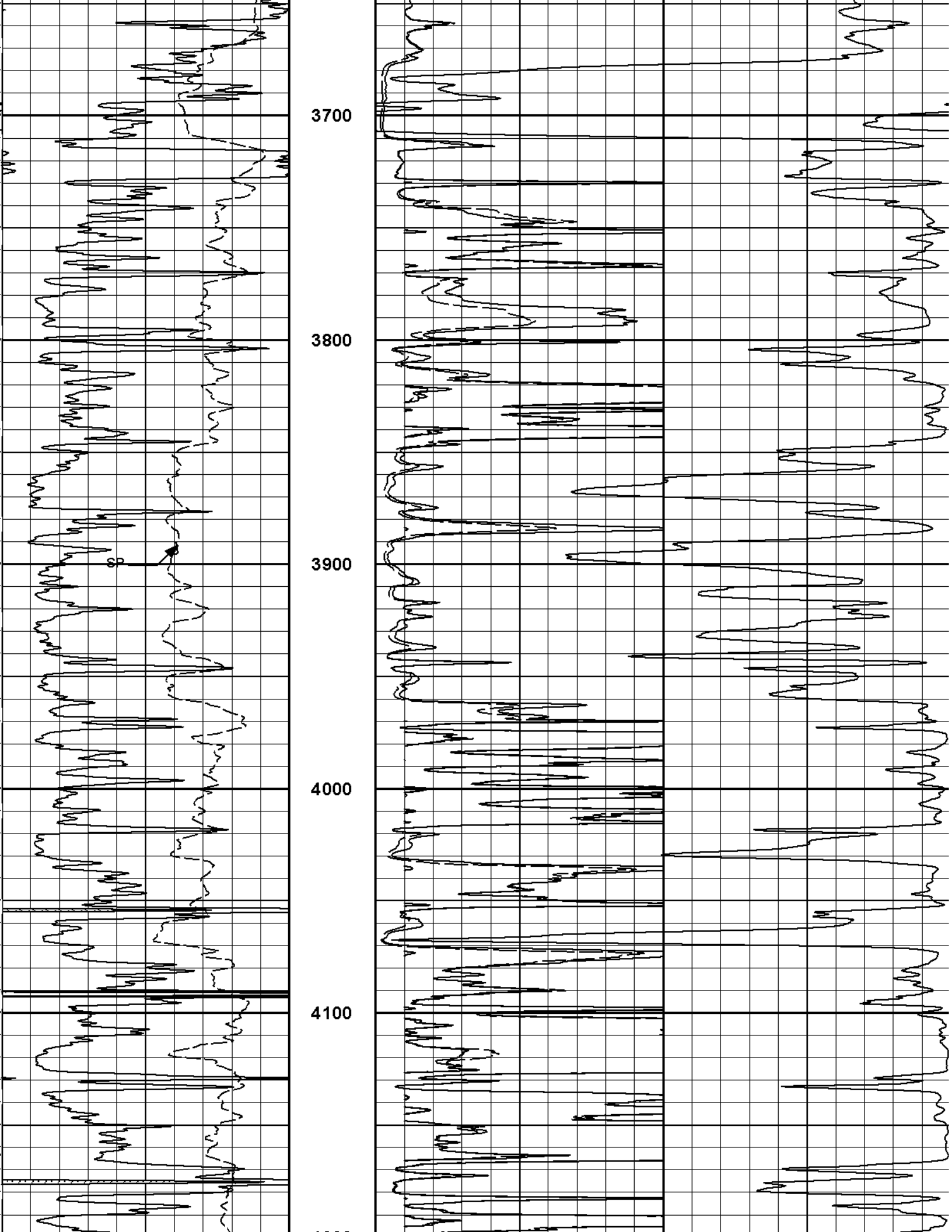
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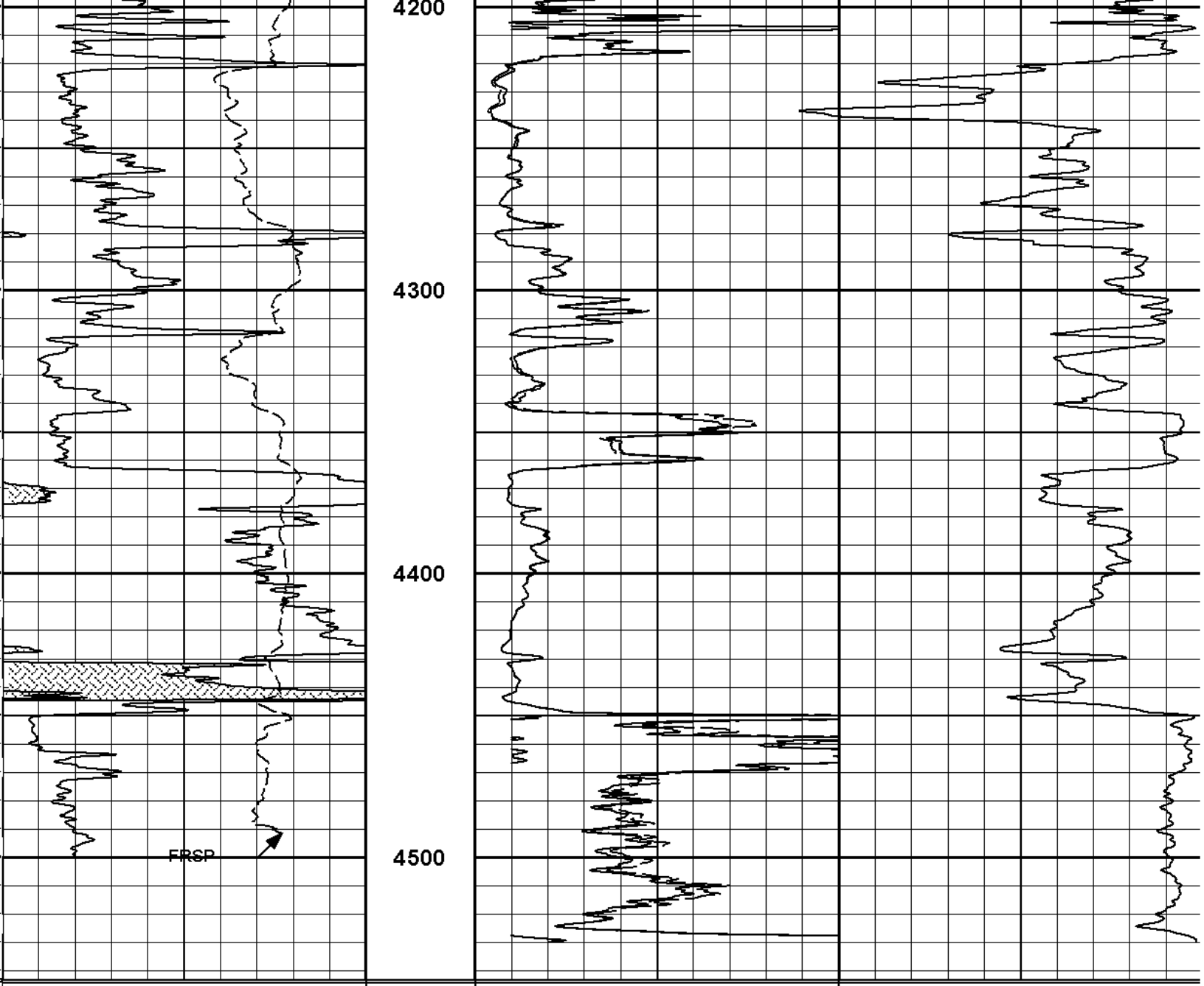
SP



0 Gamma API 150	MD 1 : 600 ft	0 20in Resistivity 2ft Res 50
api		ohm-metre
SP		0 90in Resistivity 2ft Res 50
-]20[+		ohm-metre
		1000 90in Conductivity 2ft Res 0
		mmho per metre

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Plot Time: 26-Jul-11 00:08:39
Plot Range: 200 ft to 4543.33 ft
Data: PARR_PAKRD_1_22\Well Based\DAQ-0001-004\
Plot File: \\-LOCAL-\PARR_PAKRD_1_22\Well Based\ACRT\ACRT_2_lib

2 INCH MAIN LOG

HALLIBURTON

Plot Time: 26-Jul-11 00:08:39
Plot Range: 2550 ft to 4543.33 ft
Data: PARR_PAKRD_1_22\Well Based\DAQ-0001-004\
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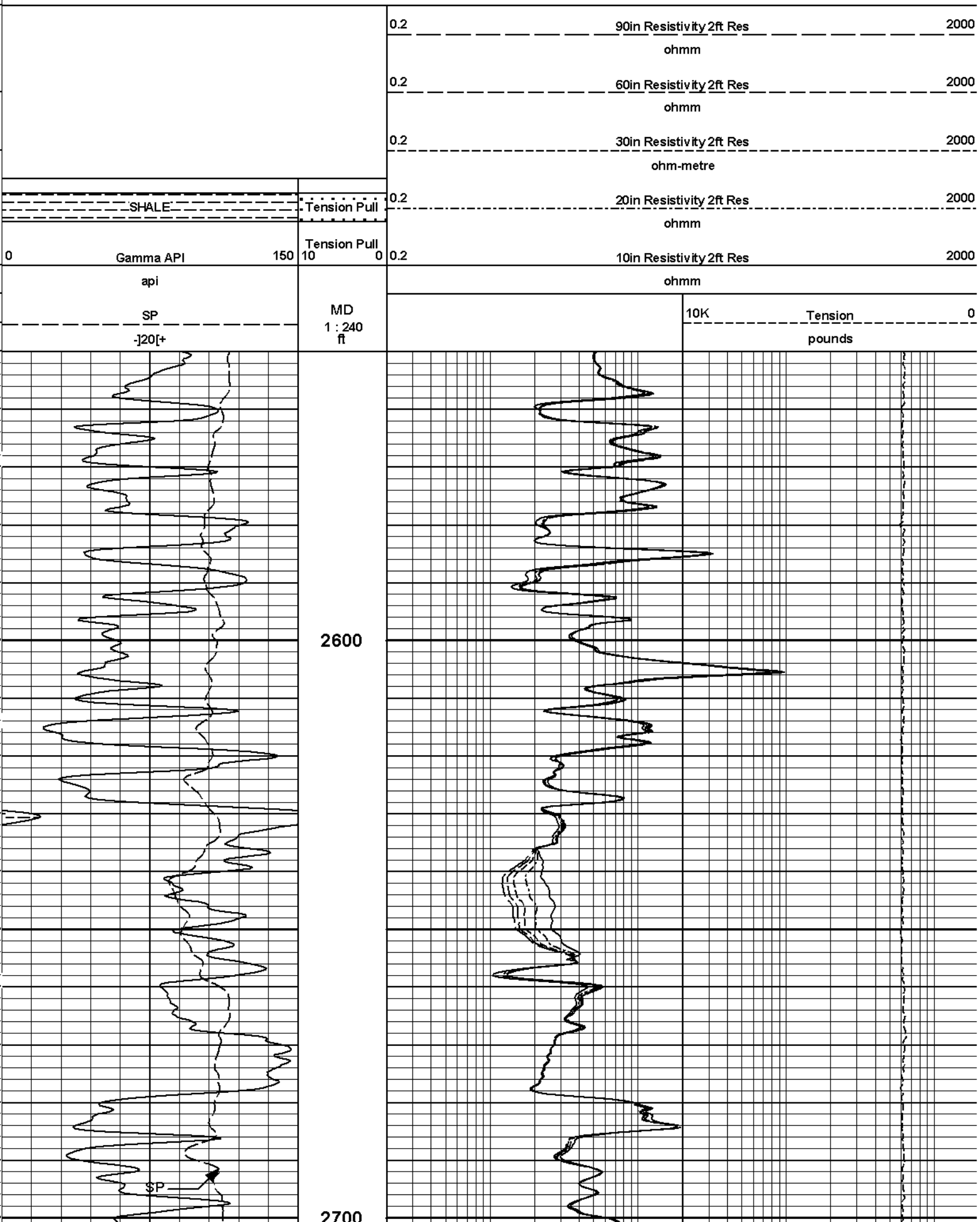
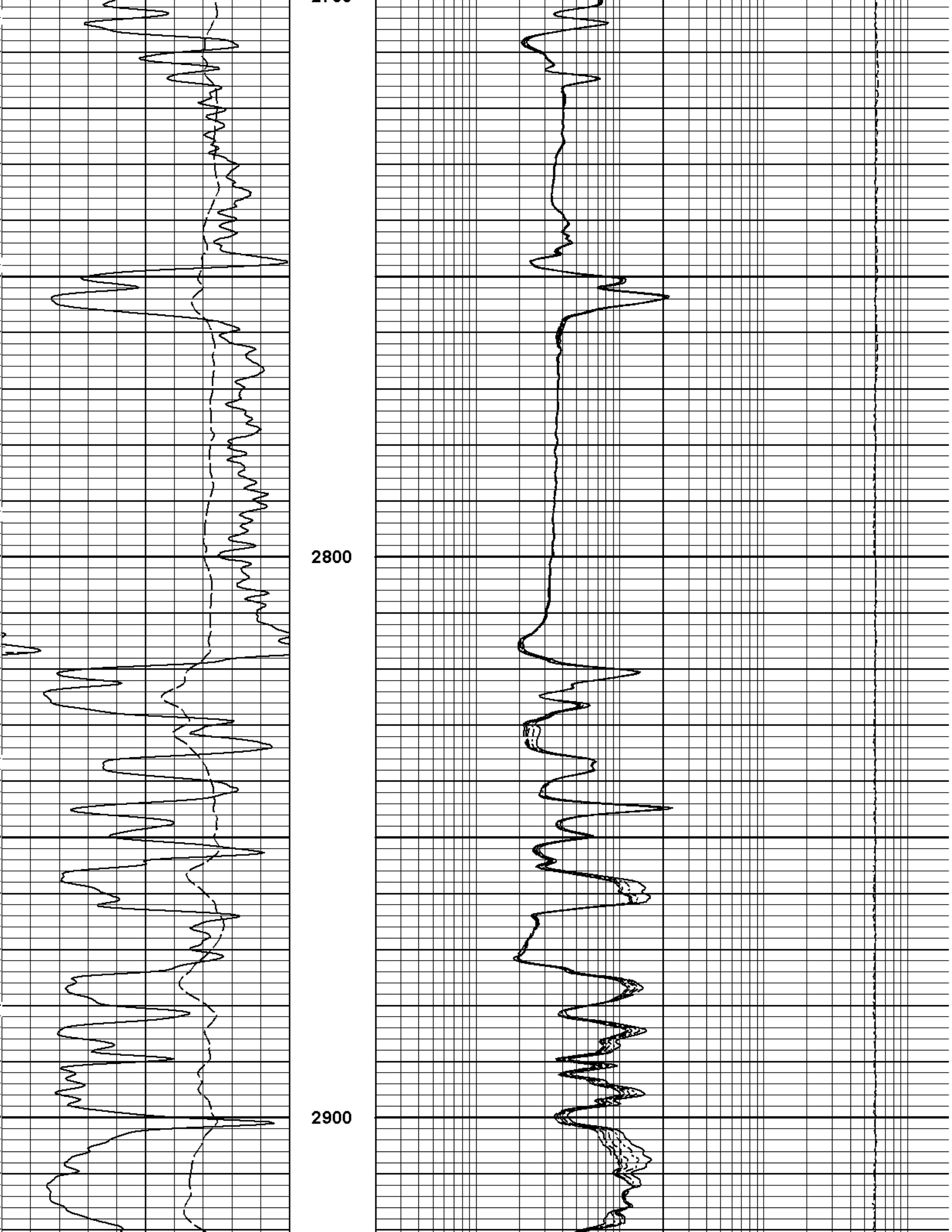
5 INCH MAIN LOG

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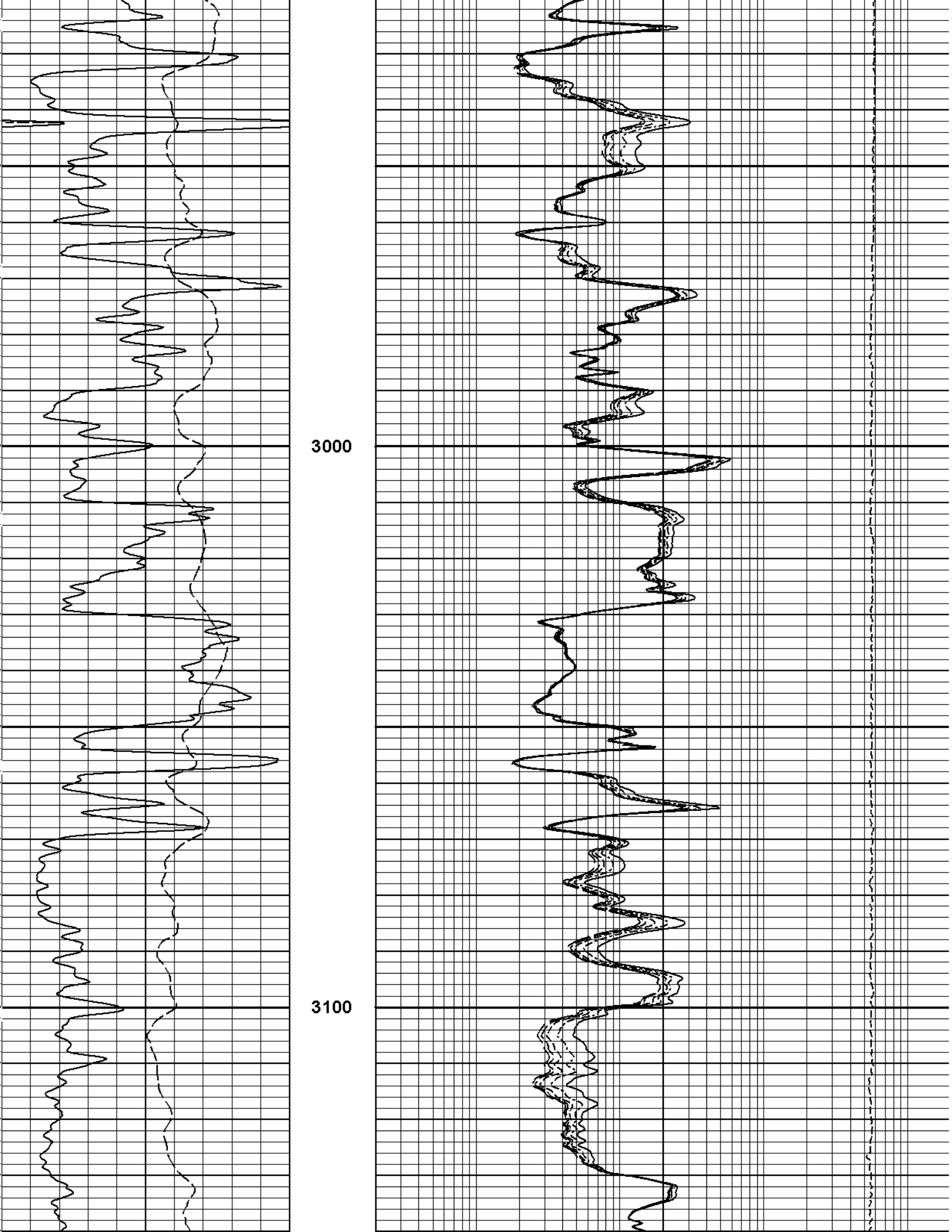
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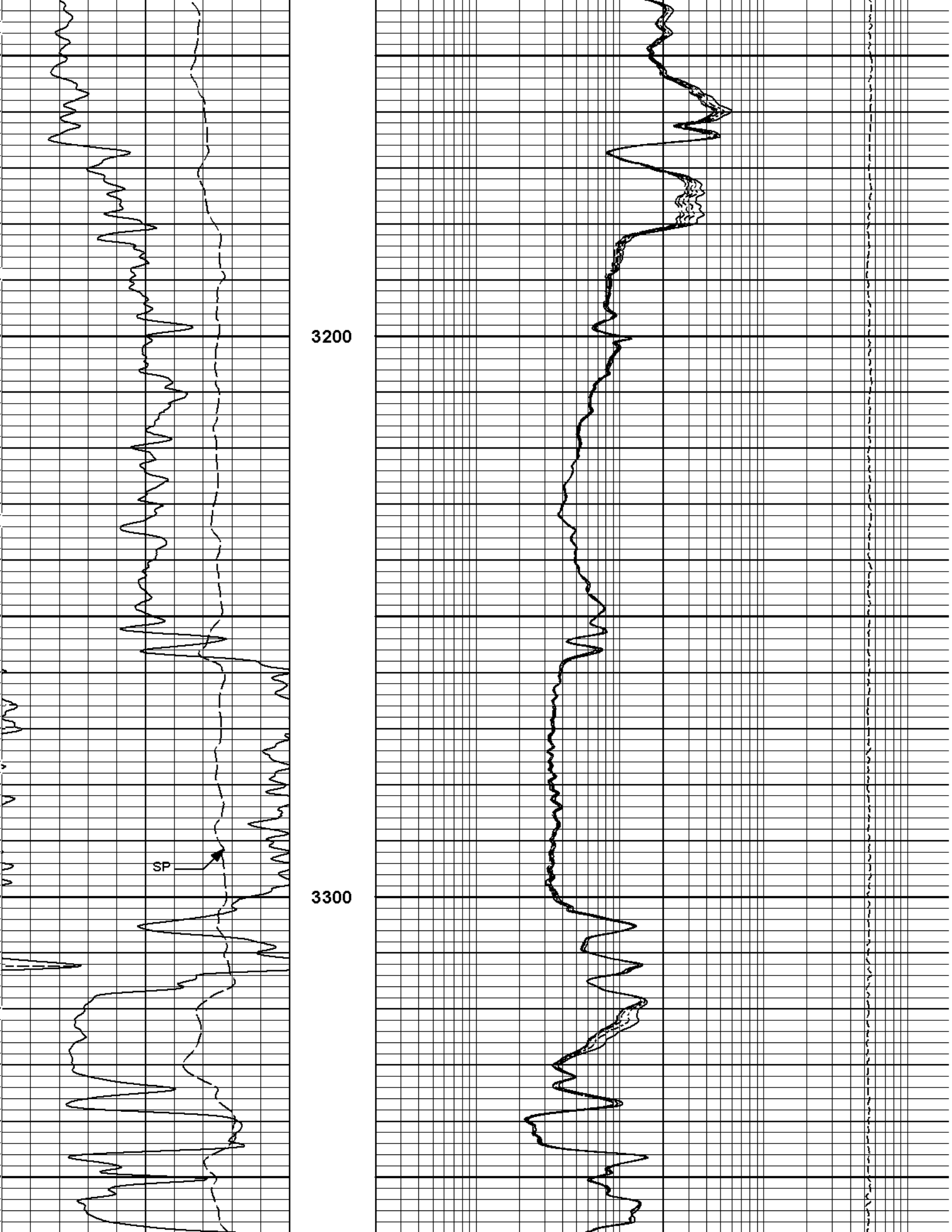
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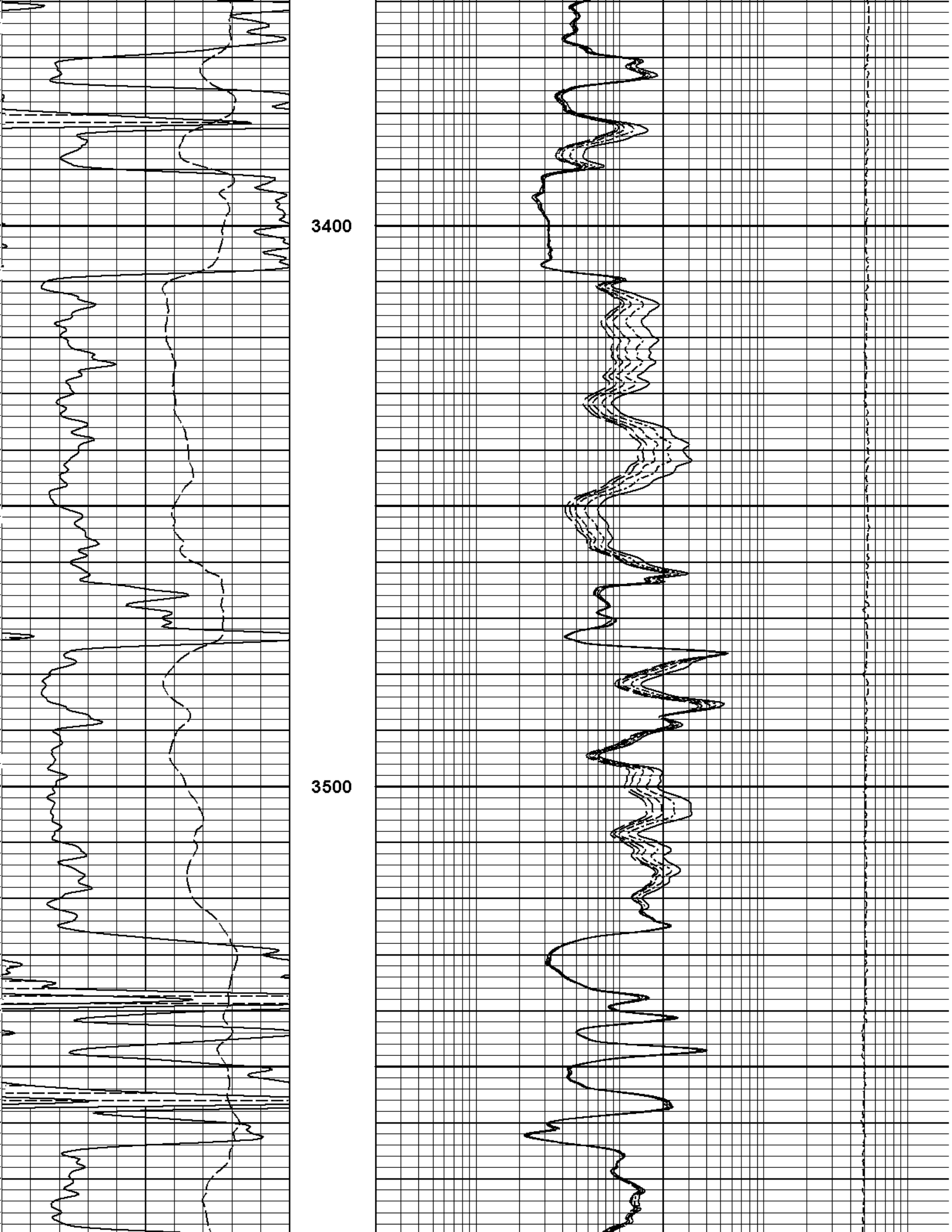
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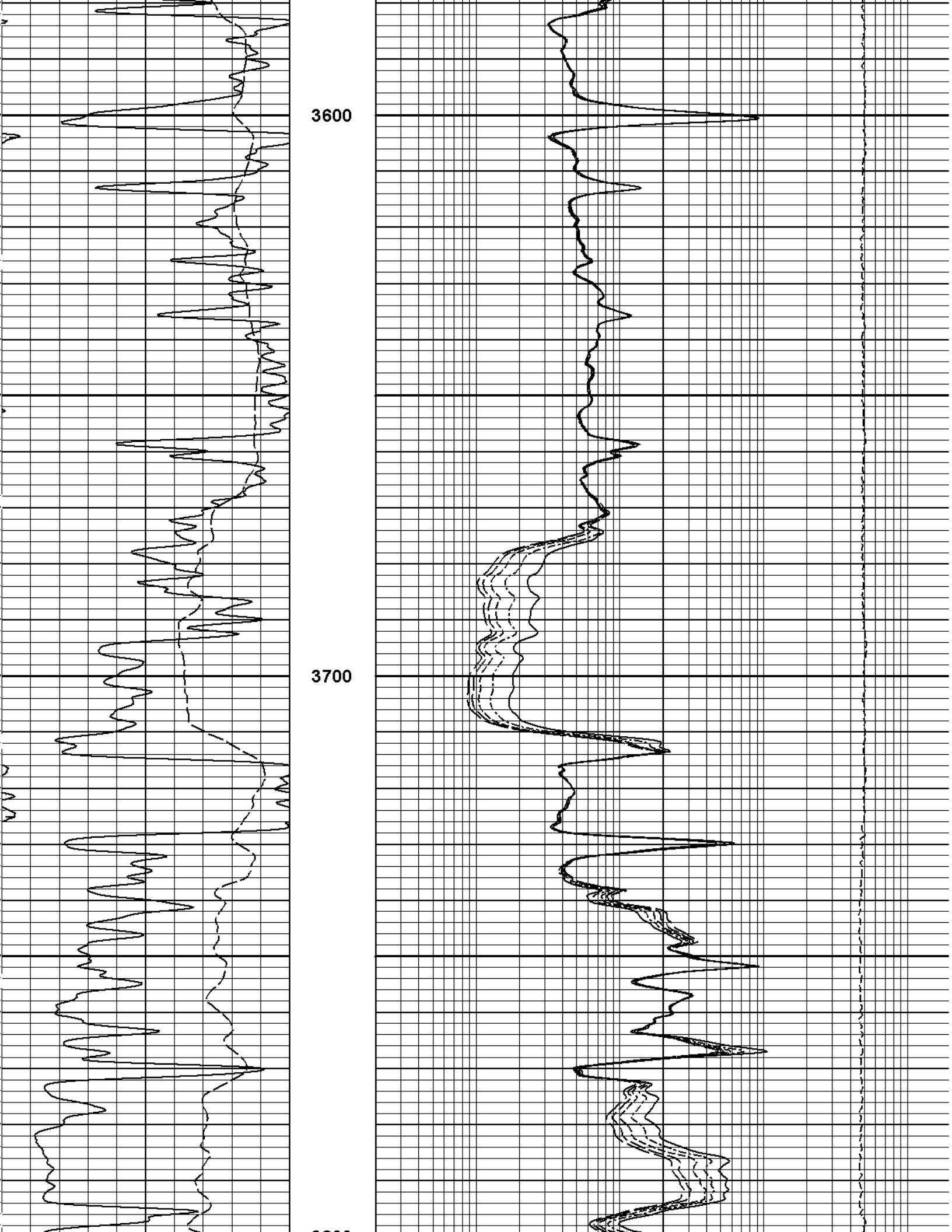
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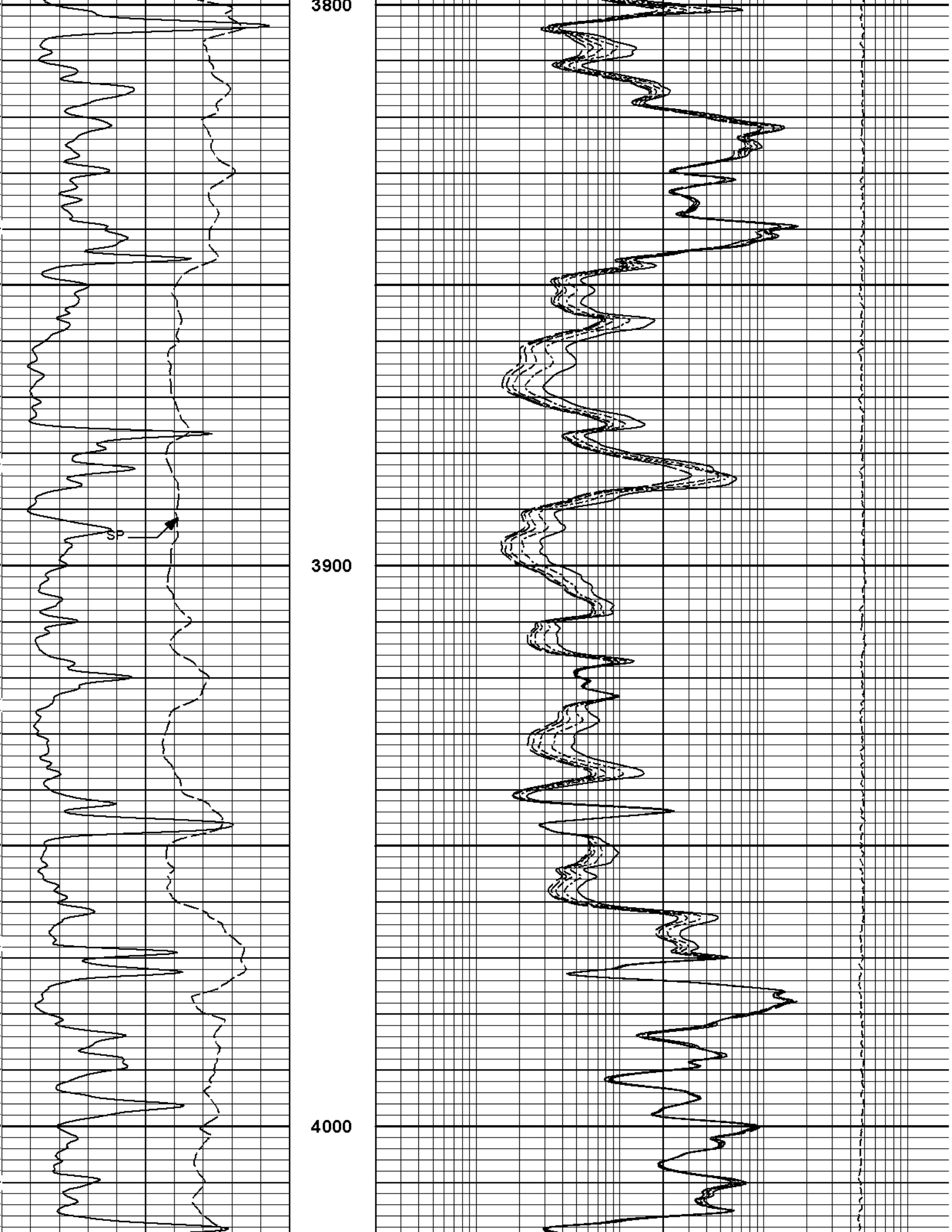
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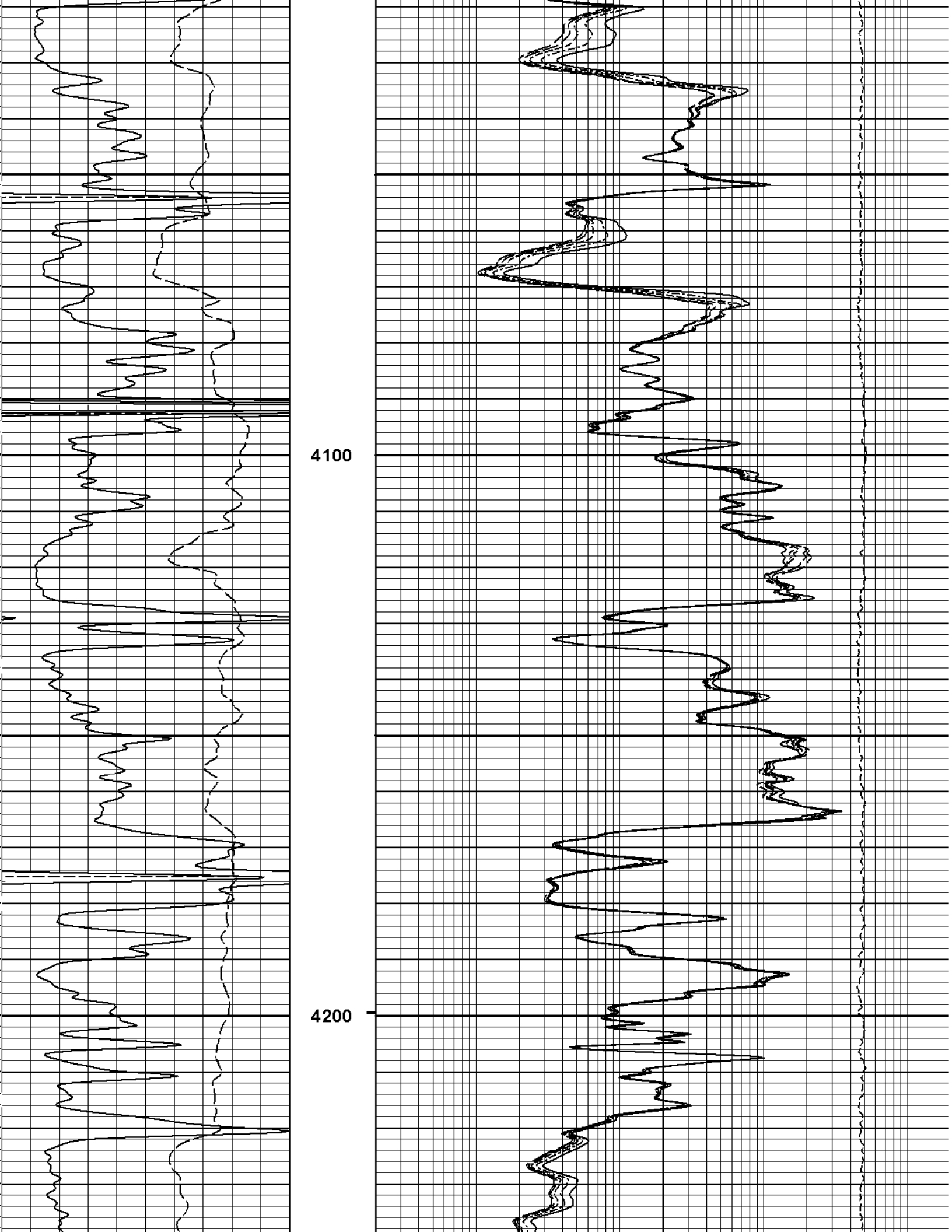
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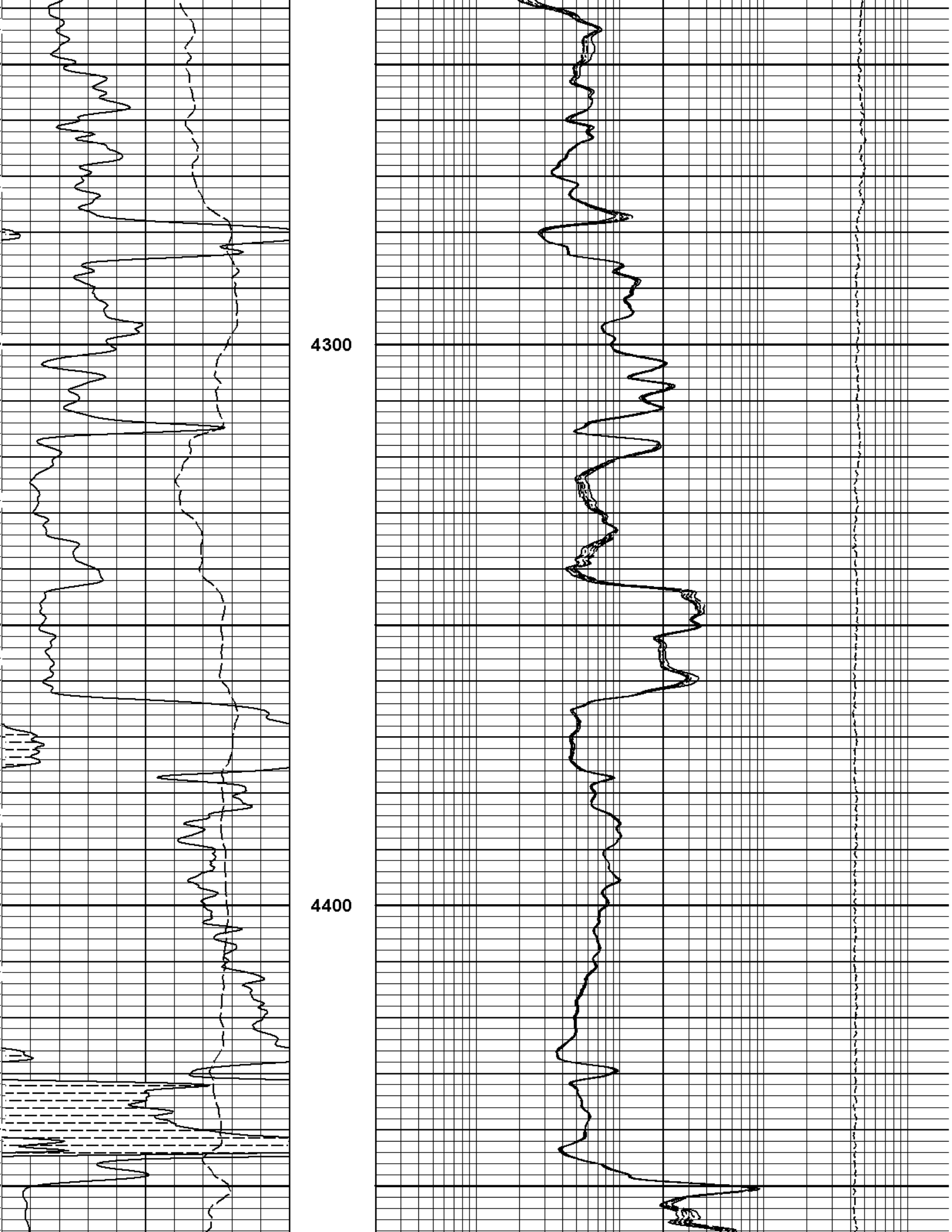
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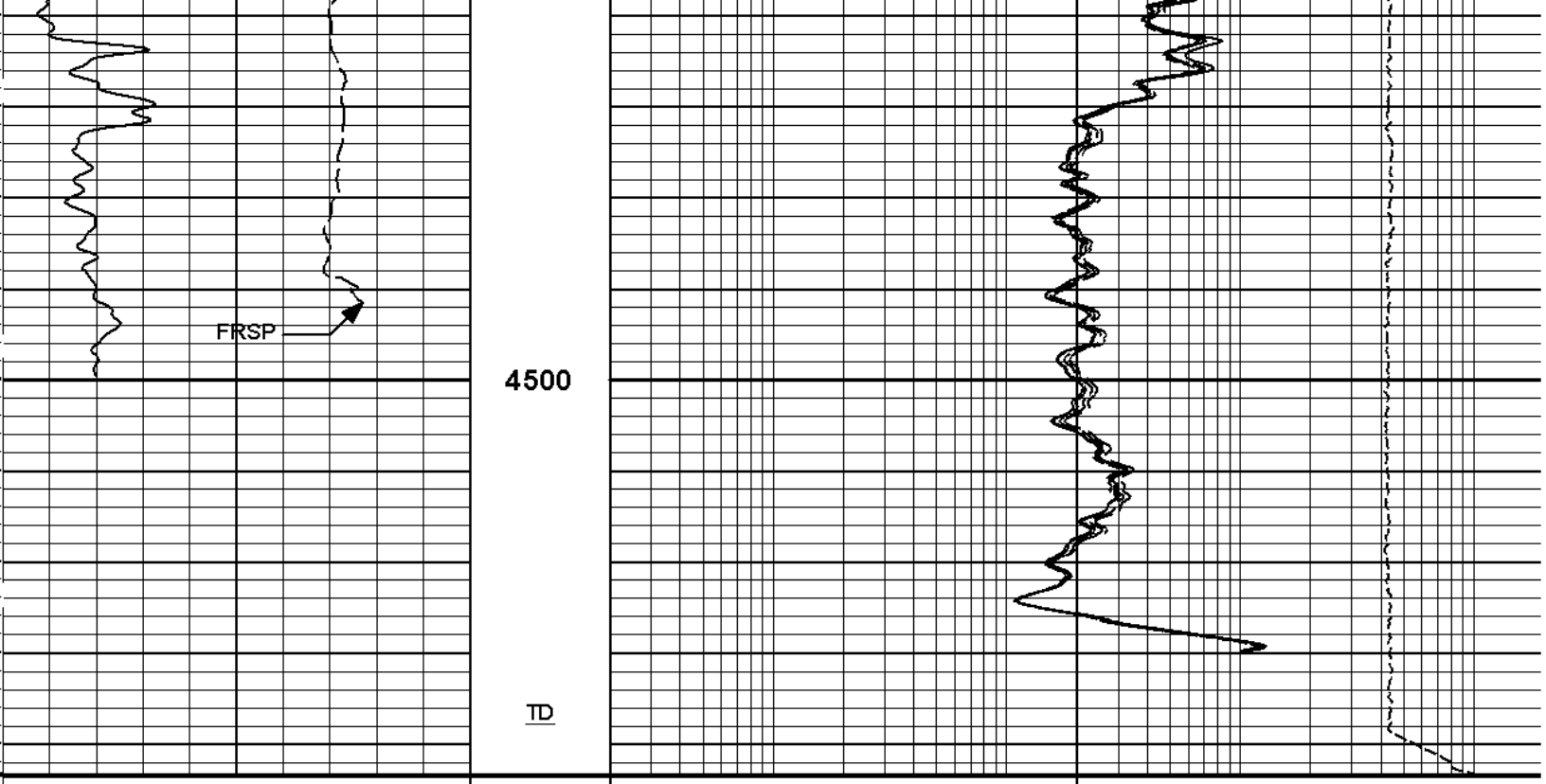

SP
-]20[+
0 Gamma API 150
api

SHALE

MD
1 : 240
ft
Tension Pull
10 0
Tension Pull

10K Tension 0
pounds

0.2 10in Resistivity 2ft Res 2000
ohmm

0.2 20in Resistivity 2ft Res 2000
ohmm

0.2 30in Resistivity 2ft Res 2000
ohm-metre

0.2 60in Resistivity 2ft Res 2000
ohmm

0.2 90in Resistivity 2ft Res 2000
ohmm

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Plot Time: 26-Jul-11 00:08:44
Plot Range: 2550 ft to 4543.33 ft
Data: PARR_PAKRD_1_22\Well Based\DAQ-0001-004\
Plot File: \\-LOCAL-\PARR_PAKRD_1_22\Well Based\ACRT\ACRT_5_main_lib

5 INCH MAIN LOG

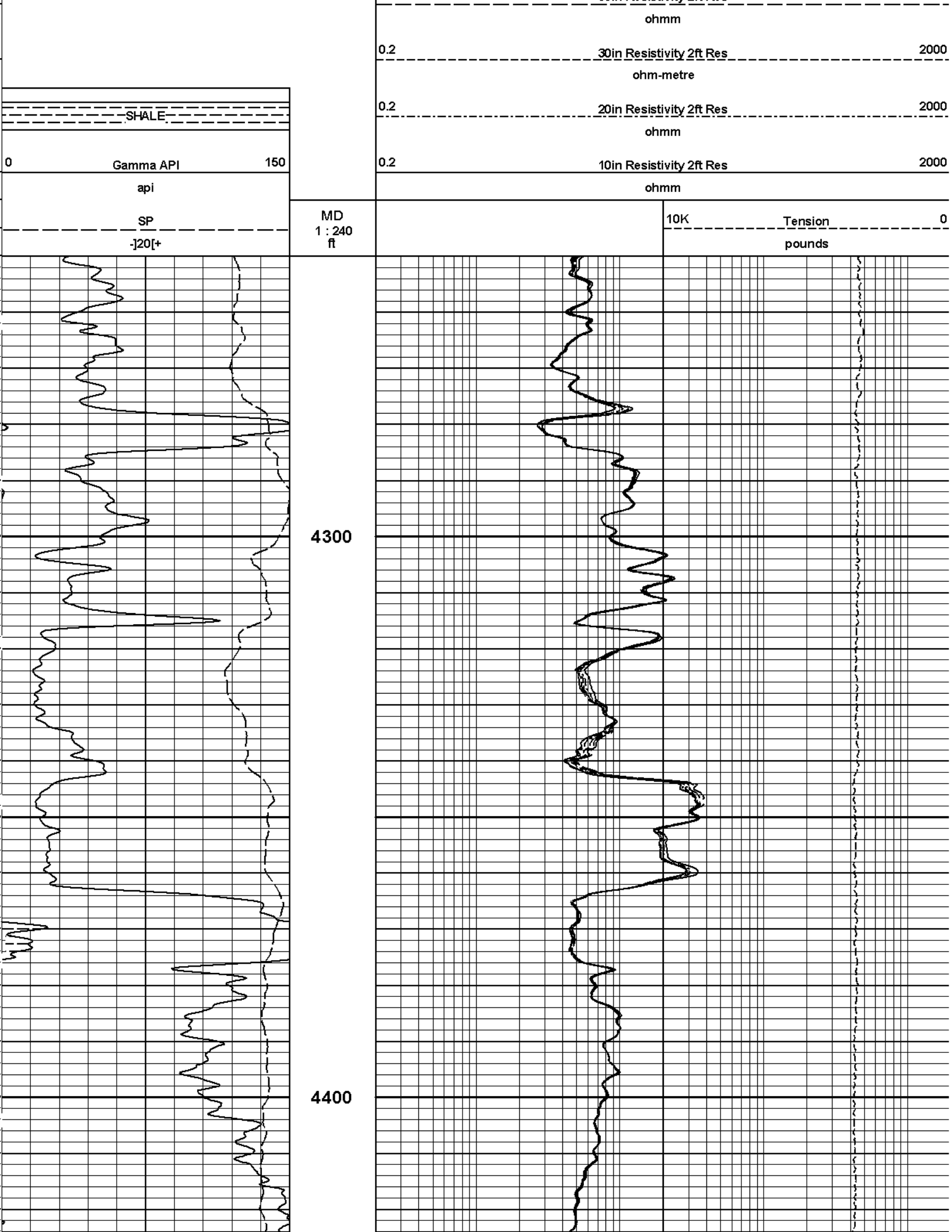
HALLIBURTON

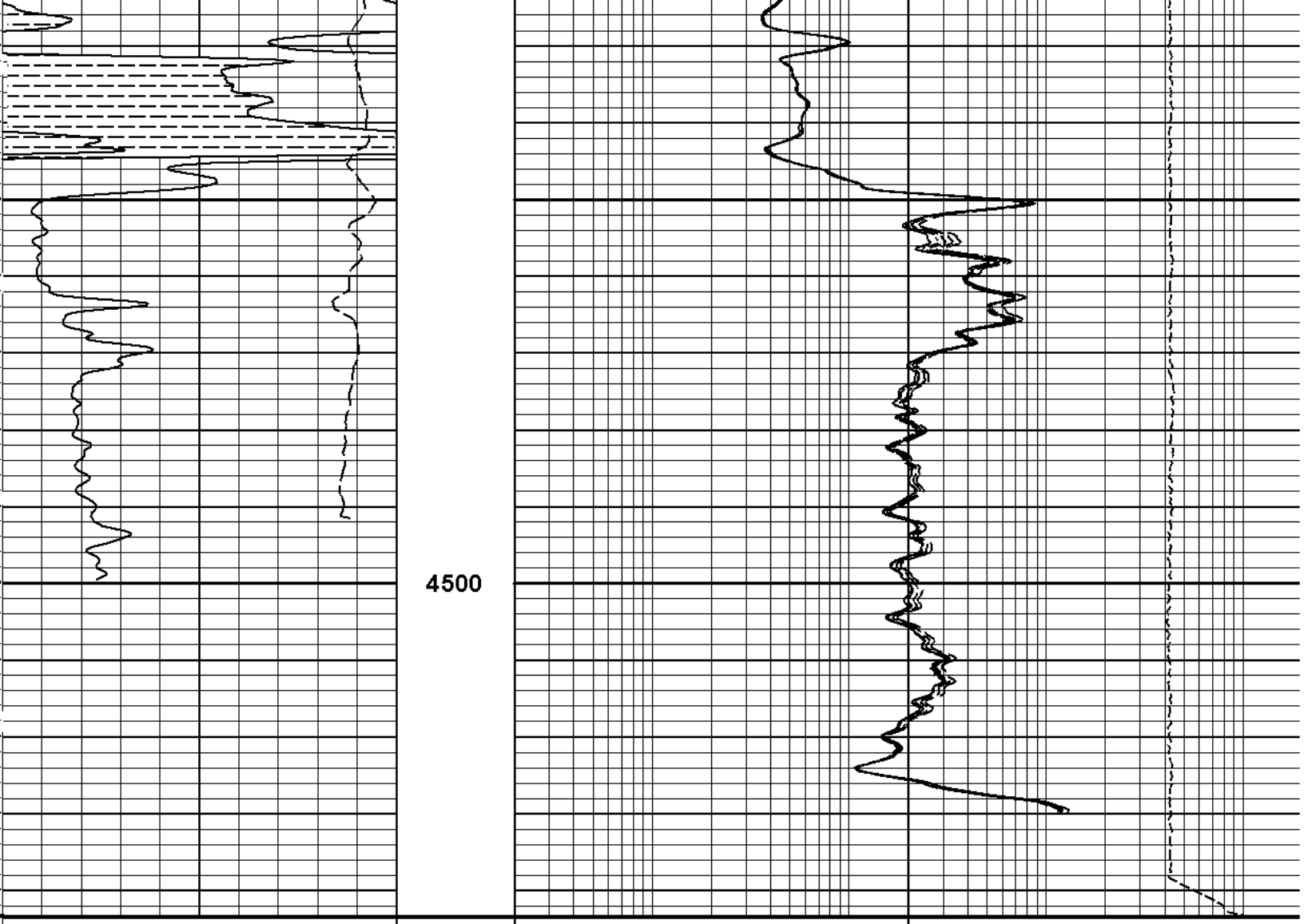
Plot Time: 26-Jul-11 00:08:44
Plot Range: 4250 ft to 4543.25 ft
Data: PARR_PAKRD_1_22\Well Based\DAQ-0001-003\
Plot File: \\-LOCAL-\PARR_PAKRD_1_22\Well Based\ACRT\ACRT_5_repeat_lib

REPEAT SECTION

0.2 90in Resistivity 2ft Res 2000
ohmm

0.2 60in Resistivity 2ft Res 2000


ohmm
0.2
30in Resistivity 2ft Res
2000
ohm-metre
0.2
20in Resistivity 2ft Res
2000
ohmm
0.2
10in Resistivity 2ft Res
2000
ohmm
SHALE
0
Gamma API
150
api
SP
-]20[+
MD
1 : 240
ft
10K
Tension
0
pounds
4300
4400



SP	MD		10K Tension 0
-]20[+	1 : 240 ft		pounds
0 Gamma API 150		0.2 10in Resistivity 2ft Res 2000	
api		ohmm	
SHALE		0.2 20in Resistivity 2ft Res 2000	
		ohmm	
		0.2 30in Resistivity 2ft Res 2000	
		ohm-metre	
		0.2 60in Resistivity 2ft Res 2000	
		ohmm	
		0.2 90in Resistivity 2ft Res 2000	
		ohmm	

HALLIBURTON

Plot Time: 26-Jul-11 00:08:48
Plot Range: 4250 ft to 4543.25 ft
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REPEAT SECTION

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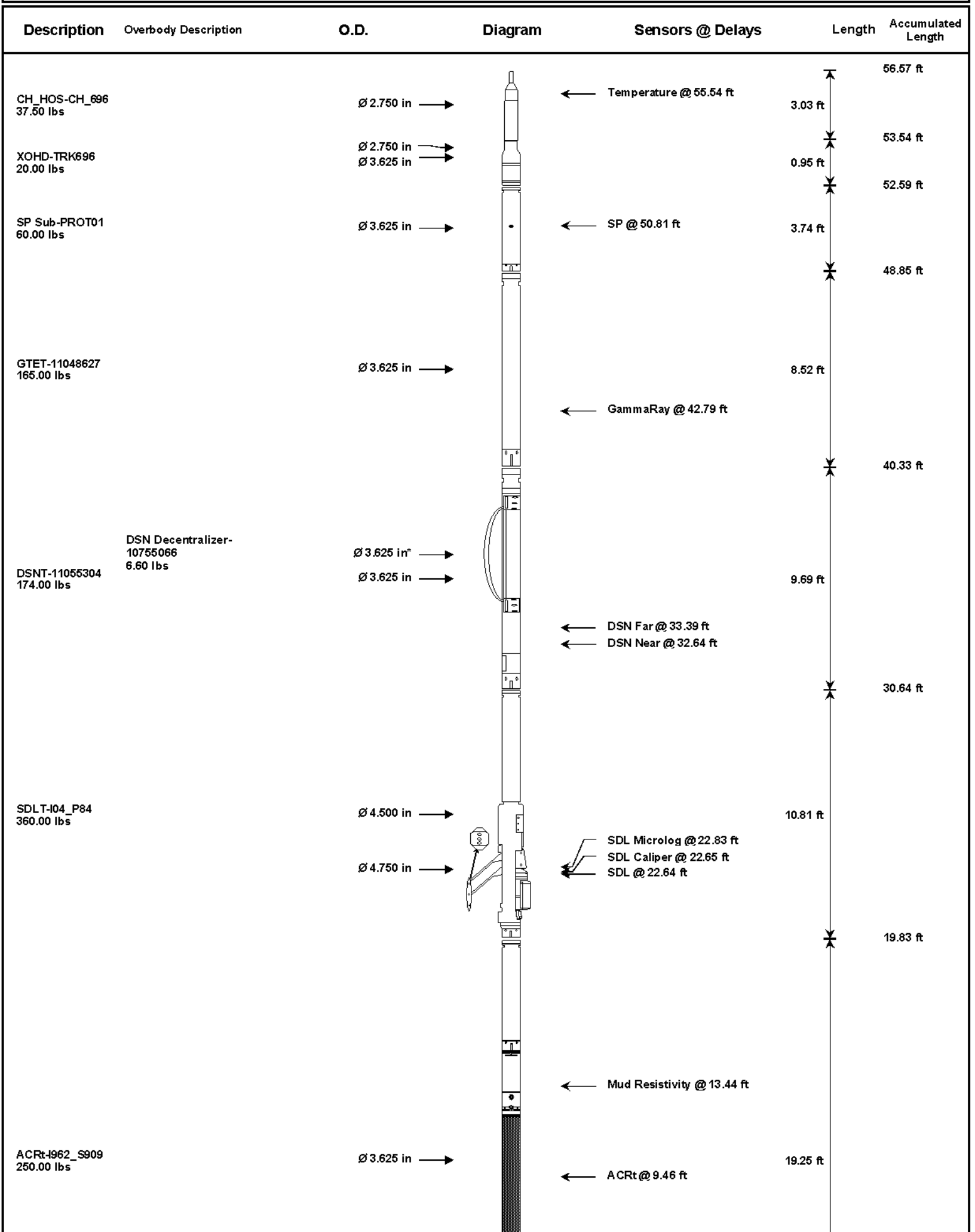
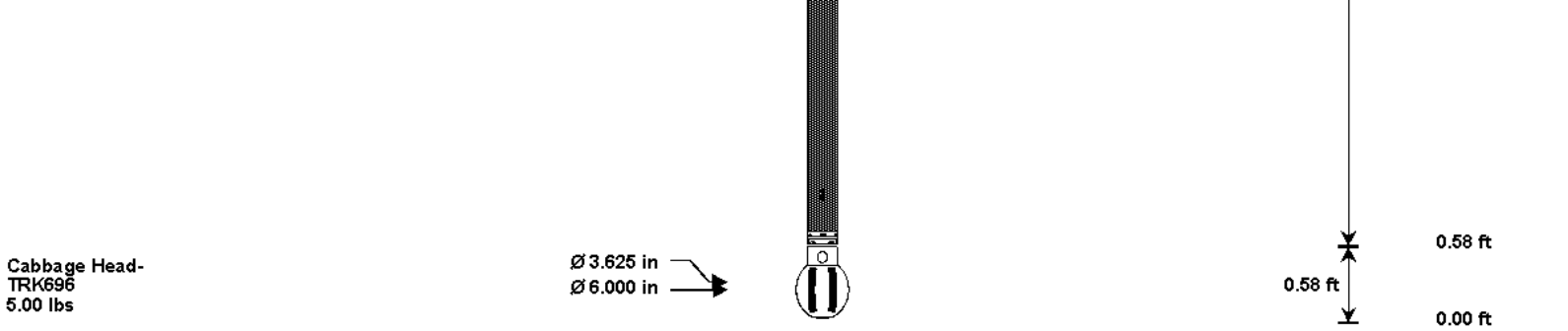
TOOL STRING DIAGRAM REPORT





Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)		Accumulated Length (ft)	Max.Log. Speed (fpm)
CH_HOS	Hostile Cable Head with Load Cell	CH_696	37.50	3.03		53.54	300.00
XOHD	Hostile to Dits Cross Over	TRK696	20.00	0.95		52.59	300.00
SP	SP Sub	PROT01	60.00	3.74		48.85	300.00
GTET	Gamma Telemetry Tool	11048627	165.00	8.52		40.33	60.00
DSNT	Dual Spaced Neutron	11055304	174.00	9.69		30.64	60.00
DCNT	DSN Decentralizer	10755066	6.60	5.13	*	33.97	300.00
SDLT	Spectral Density Tool	I04_P84	360.00	10.81		19.83	60.00
ACRt	Array Compensated True Resistivity	I962_S909	250.00	19.25		0.58	300.00
CBHD	Cabbage Head	TRK696	5.00	0.58		0.00	300.00
Total			**1,078.10**	**56.57**			

* Not included in Total Length and Length Accumulation.

Data: PARR_PAKRD_1_22\0001 SP-GTET-DSN-SDL-ACRT-CH\IDLE **Date: 25-Jul-11 14:55:58**

HALLIBURTON

CALIBRATION REPORT

ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION

Tool Name: ACRt - I962_S909 **Reference Calibration Date:** 14-Jun-11 12:22:56

Engineer: C. HAVERKAMP **Calibration Date:** 20-Jul-11 15:48:20

Software Version: WL INSITE R3.2.0 (Build 7) **Calibration Version:** 1

TYPICAL GAIN RANGE

Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	0.95	1.0107	1.05	0.95	1.0172	1.05	0.95	1.0171	1.05
A2 (50")	0.95	1.0124	1.05	0.95	1.0204	1.05	0.95	1.0215	1.05
A3 (29")	0.95	0.9998	1.05	0.95	1.0060	1.05	0.95	1.0052	1.05
A4 (17")	0.95	1.0040	1.05	0.95	1.0091	1.05	0.95	1.0098	1.05
A5 (10")	N/A	N/A	N/A	0.95	1.0317	1.05	0.95	1.0319	1.05
A6 (6")	N/A	N/A	N/A	0.95	0.9969	1.05	0.95	0.9969	1.05

TYPICAL SONDE OFFSET RANGE

Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	-5	-0.382	2	-6	-3.476	-2	-8	-4.436	-2
A2 (50")	-7	-1.306	-1	-6	-3.218	-2	-7	-3.980	-2
A3 (29")	-27	-14.734	-9	-9	-4.266	-3	-7	-2.560	-1
A4 (17")	-180	-102.008	-60	-45	-31.229	-15	-39	-26.301	-13
A5 (10")	N/A	N/A	N/A	-150	-101.389	-50	-80	-46.248	-10
A6 (6")	N/A	N/A	N/A	175	286.509	525	90	150.240	270

TRANSMITTER CURRENT GAIN

Signal	Lower	R	Upper
12K	0.6	0.9322	1.3
36K	1.0	1.3651	2.0
72K	1.0	1.5783	2.0

R-MUD VERIFICATION

Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)
Mud Cell	0.95	1.002	1.05

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
ACRt-I962_S909						
Mud Cell	1.002	----------	----------	0.000	----------	ohm-m

Data: PARR_PAKRD_1_22\0001 SP-GTET-DSN-SDL-ACRT-CH\IDLE

Date: 25-Jul-11 14:58:07

HALLIBURTON

PARAMETERS REPORT

Depth (ft)	Tool Name	Mnemonic	Description	Value	Units
TOP					
	DSNT	DNOK	Process DSN?	No	
	SDLT	DNOK	Process Density?	No	
	SDLT	MLOK	Process MicroLog Outputs?	No	
2540.00					
	SHARED	BS	Bit Size	7.875	in
	SHARED	UBS	Use Bit Size instead of Caliper for all applications.	No	
	SHARED	MDBS	Mud Base	Water	
	SHARED	MDWT	Borehole Fluid Weight	9.400	ppg
	SHARED	WAGT	Weighting Agent	Barite	
	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	0.270	ohmm
	SHARED	TRM	Temperature of Mud	75.0	degF
	SHARED	CSD	Logging Interval is Cased?	No	
	SHARED	ICOD	AHV Casing OD	5.500	in
	SHARED	ST	Surface Temperature	75.0	degF
	SHARED	TD	Total Well Depth	4538.00	ft
	SHARED	BHT	Bottom Hole Temperature	130.0	degF
	SHARED	SVTM	Navigation and Survey Master Tool	NONE	
	SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
	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	Centered	
	DSNT	DNOK	Process DSN?	Yes	
	DSNT	DEOK	Process DSN EVR?	No	
	DSNT	NLIT	Neutron Lithology	Limestone	
	DSNT	DNSO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.250	in
	DSNT	DNTP	Temperature Correction Type	None	
	DSNT	DPRS	DSN Pressure Correction Type	None	
	DSNT	CHOS	View More Correction Options	No	

	DSNT	SHCO	View More Correction Options	No	
	DSNT	UTVD	Use TVD for Gradient Corrections?	No	
	DSNT	LHWT	Logging Horizontal Water Tank?	No	
	SDLT	DNOK	Process Density?	Yes	
	SDLT	DNOK	Process Density EVR?	No	
	SDLT	CB	Logging Calibration Blocks?	No	
	SDLT	SPVT	SDLT Pad Temperature Valid?	Yes	
	SDLT	DTWN	Disable temperature warning	No	
	SDLT	DMA	Formation Density Matrix	2.710	g/cc
	SDLT	DFL	Formation Density Fluid	1.000	g/cc
	SDLT	CLOK	Process Caliper Outputs?	Yes	
	SDLT	MLOK	Process MicroLog Outputs?	Yes	
	ACRt	RTOK	Process ACRt?	Yes	
	ACRt	MNSO	Minimum Tool Standoff	1.50	in
	ACRt	TCS1	Temperature Correction Source	FP Lwr & FP Upr	
	ACRt	TPOS	Tool Position	Free Hanging	
	ACRt	RMOP	Rmud Source	Mud Cell	
	ACRt	RMIN	Minimum Resistivity for MAP	0.20	ohmm
	ACRt	RMIN	Maximum Resistivity for MAP	200.00	ohmm
	ACRt	THQY	Threshold Quality	0.50	
BOTTOM					

Data: PARR_PAKRD_1_22\0001 SP-GTET-DSN-SDL-ACRT-CH\IDLE Date: 25-Jul-11 22:50:32

HALLIBURTON

INPUTS, DELAYS AND FILTERS TABLE

Mnemonic	Input Description	Delay (ft)	Filter Type	Filter Length (ft)
	Depth Panel			
TENS	Tension	0.00	NO	
	CH_HOS			
DHTN	DownholeTension	0.00	BLK	0.000
	SP Sub			
PLTC	Plot Control Mask	50.81	NO	
SP	Spontaneous Potential	50.81	BLK	1.250
SPR	Raw Spontaneous Potential	50.81	NO	
SPO	Spontaneous Potential Offset	50.81	NO	
	GTET			
TPUL	Tension Pull	42.79	NO	
GR	Natural Gamma Ray API	42.79	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	42.79	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	42.79	W	1.416 , 0.750
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
	DSNT			
TPUL	Tension Pull	32.54	NO	
RNDS	Near Detector Telemetry Counts	32.64	BLK	1.417
RFDS	Far Detector Telemetry Counts	33.39	TRI	0.583
DNTT	DSN Tool Temperature	32.64	NO	
DSNS	DSN Tool Status	32.54	NO	
ERND	Near Detector Telemetry Counts EVR	32.64	BLK	0.000

ERFD	Far Detector Telemetry Counts EVR	33.39	BLK	0.000
ENTM	DSN Tool Temperature EVR	32.64	NO	

SDLT

TPUL	Tension Pull	22.64	NO	
NAB	Near Above	22.46	BLK	0.920
NHI	Near Cesium High	22.46	BLK	0.920
NLO	Near Cesium Low	22.46	BLK	0.920
NVA	Near Valley	22.46	BLK	0.920
NBA	Near Barite	22.46	BLK	0.920
NDE	Near Density	22.46	BLK	0.920
NPK	Near Peak	22.46	BLK	0.920
NLI	Near Lithology	22.46	BLK	0.920
NBAU	Near Barite Unfiltered	22.46	BLK	0.250
NLIU	Near Lithology Unfiltered	22.46	BLK	0.250
FAB	Far Above	22.81	BLK	0.250
FHI	Far Cesium High	22.81	BLK	0.250
FLO	Far Cesium Low	22.81	BLK	0.250
FVA	Far Valley	22.81	BLK	0.250
FBA	Far Barite	22.81	BLK	0.250
FDE	Far Density	22.81	BLK	0.250
FPK	Far Peak	22.81	BLK	0.250
FLI	Far Lithology	22.81	BLK	0.250
PTMP	Pad Temperature	22.65	BLK	0.920
NHV	Near Detector High Voltage	19.83	NO	
FHV	Far Detector High Voltage	19.83	NO	
ITMP	Instrument Temperature	19.83	NO	
DDHV	Detector High Voltage	19.83	NO	
TPUL	Tension Pull	22.65	NO	
PCAL	Pad Caliper	22.65	TRI	0.250
ACAL	Arm Caliper	22.65	TRI	0.250
TPUL	Tension Pull	22.83	NO	
MINV	Microlog Lateral	22.83	BLK	0.750
MNOR	Microlog Normal	22.83	BLK	0.750

ACRt

TPUL	Tension Pull	2.97	NO	
F1R1	ACRT 12KHz - 80in R value	9.22	BLK	0.000
F1X1	ACRT 12KHz - 80in X value	9.22	BLK	0.000
F1R2	ACRT 12KHz - 50in R value	6.72	BLK	0.000
F1X2	ACRT 12KHz - 50in X value	6.72	BLK	0.000
F1R3	ACRT 12KHz - 29in R value	5.22	BLK	0.000
F1X3	ACRT 12KHz - 29in X value	5.22	BLK	0.000
F1R4	ACRT 12KHz - 17in R value	4.22	BLK	0.000
F1X4	ACRT 12KHz - 17in X value	4.22	BLK	0.000
F1R5	ACRT 12KHz - 10in R value	3.72	BLK	0.000
F1X5	ACRT 12KHz - 10in X value	3.72	BLK	0.000
F1R6	ACRT 12KHz - 6in R value	3.47	BLK	0.000
F1X6	ACRT 12KHz - 6in X value	3.47	BLK	0.000
F2R1	ACRT 36KHz - 80in R value	9.22	BLK	0.000
F2X1	ACRT 36KHz - 80in X value	9.22	BLK	0.000
F2R2	ACRT 36KHz - 50in R value	6.72	BLK	0.000
F2X2	ACRT 36KHz - 50in X value	6.72	BLK	0.000
F2R3	ACRT 36KHz - 29in R value	5.22	BLK	0.000
F2X3	ACRT 36KHz - 29in X value	5.22	BLK	0.000
F2R4	ACRT 36KHz - 17in R value	4.22	BLK	0.000

F2X4	ACRT 36KHz - 17in X value	4.22	BLK	0.000
F2R5	ACRT 36KHz - 10in R value	3.72	BLK	0.000
F2X5	ACRT 36KHz - 10in X value	3.72	BLK	0.000
F2R6	ACRT 36KHz - 6in R value	3.47	BLK	0.000
F2X6	ACRT 36KHz - 6in X value	3.47	BLK	0.000
F3R1	ACRT 72KHz - 80in R value	9.22	BLK	0.000
F3X1	ACRT 72KHz - 80in X value	9.22	BLK	0.000
F3R2	ACRT 72KHz - 50in R value	6.72	BLK	0.000
F3X2	ACRT 72KHz - 50in X value	6.72	BLK	0.000
F3R3	ACRT 72KHz - 29in R value	5.22	BLK	0.000
F3X3	ACRT 72KHz - 29in X value	5.22	BLK	0.000
F3R4	ACRT 72KHz - 17in R value	4.22	BLK	0.000
F3X4	ACRT 72KHz - 17in X value	4.22	BLK	0.000
F3R5	ACRT 72KHz - 10in R value	3.72	BLK	0.000
F3X5	ACRT 72KHz - 10in X value	3.72	BLK	0.000
F3R6	ACRT 72KHz - 6in R value	3.47	BLK	0.000
F3X6	ACRT 72KHz - 6in X value	3.47	BLK	0.000
RMUD	Mud Resistivity	12.76	BLK	0.000
F1RT	Transmitter Reference 12 KHz Real Signal	2.97	BLK	0.000
F1XT	Transmitter Reference 12 KHz Imaginary Signal	2.97	BLK	0.000
F2RT	Transmitter Reference 36 KHz Real Signal	2.97	BLK	0.000
F2XT	Transmitter Reference 36 KHz Imaginary Signal	2.97	BLK	0.000
F3RT	Transmitter Reference 72 KHz Real Signal	2.97	BLK	0.000
F3XT	Transmitter Reference 72 KHz Imaginary Signal	2.97	BLK	0.000
TFPU	Upper Feedpipe Temperature Calculated	2.97	BLK	0.000
TFPL	Lower Feedpipe Temperature Calculated	2.97	BLK	0.000
ITMP	Instrument Temperature	2.97	BLK	0.000
TCVA	Temperature Correction Values Loop Off	2.97	NO	
TIDV	Instrument Temperature Derivative	2.97	NO	
TUDV	Upper Temperature Derivative	2.97	NO	
TLDV	Lower Temperature Derivative	2.97	NO	
TRBD	Receiver Board Temperature	2.97	NO	

Data: PARR_PAKRD_1_22\0001 SP-GTET-DSN-SDL-ACRT-CH\IDLE Date: 25-Jul-11 15:00:05

COMPANY	**VAL ENERGY, INC.**		
WELL	**PARR-PACKARD 1-22**		
FIELD	**MINGONA**		
COUNTY	**BARBER**	STATE	**KANSAS**

HALLIBURTON

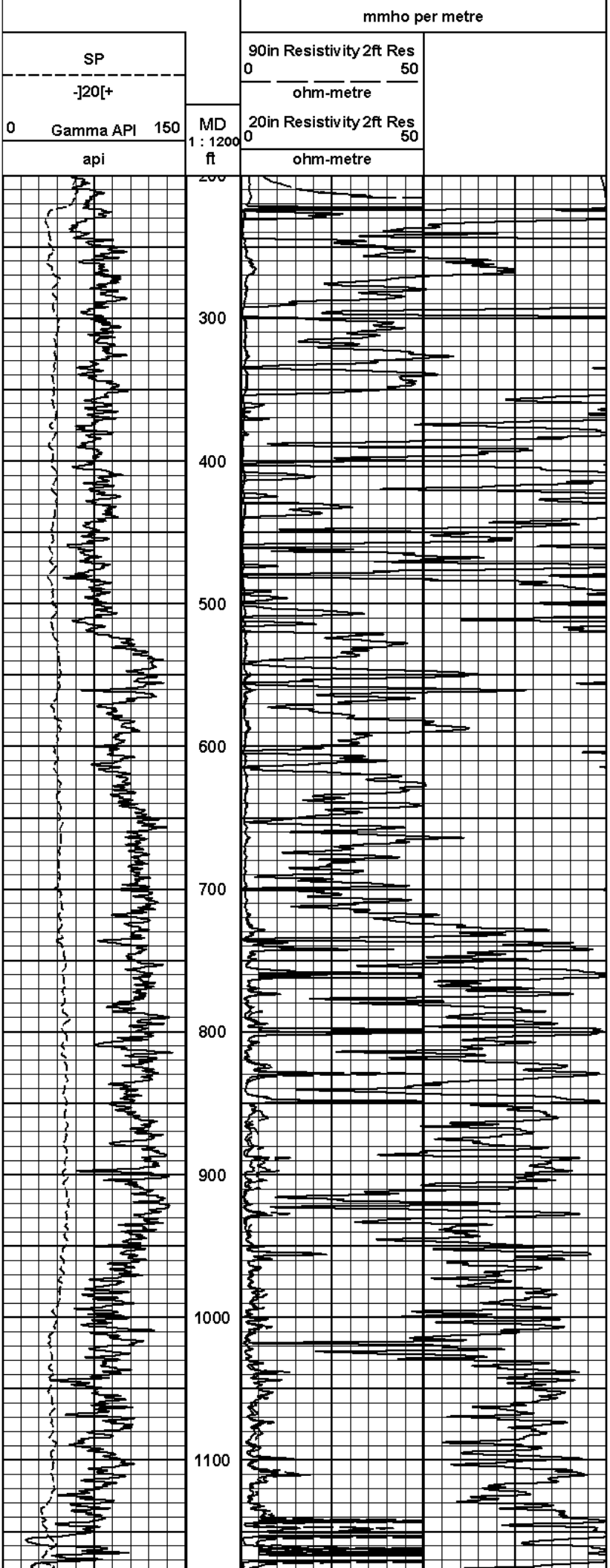
ARRAY COMPENSATED TRUE RESISTIVITY LOG

HALLIBURTON

Plot Time: 26-Jul-11 00:08:48
Plot Range: 200 ft to 4529.75 ft
Data: PARR_PAKRD_1_22\Well Based\DAQ-0001-004\
Plot File: \\-LOCAL-\PARR_PAKRD_1_22\Well Based\ACRT\ACRT_1_lib

1 INCH MAIN LOG

	1000	90in Conductivity 2ft Res	0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SP
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api
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ft
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ohm-metre
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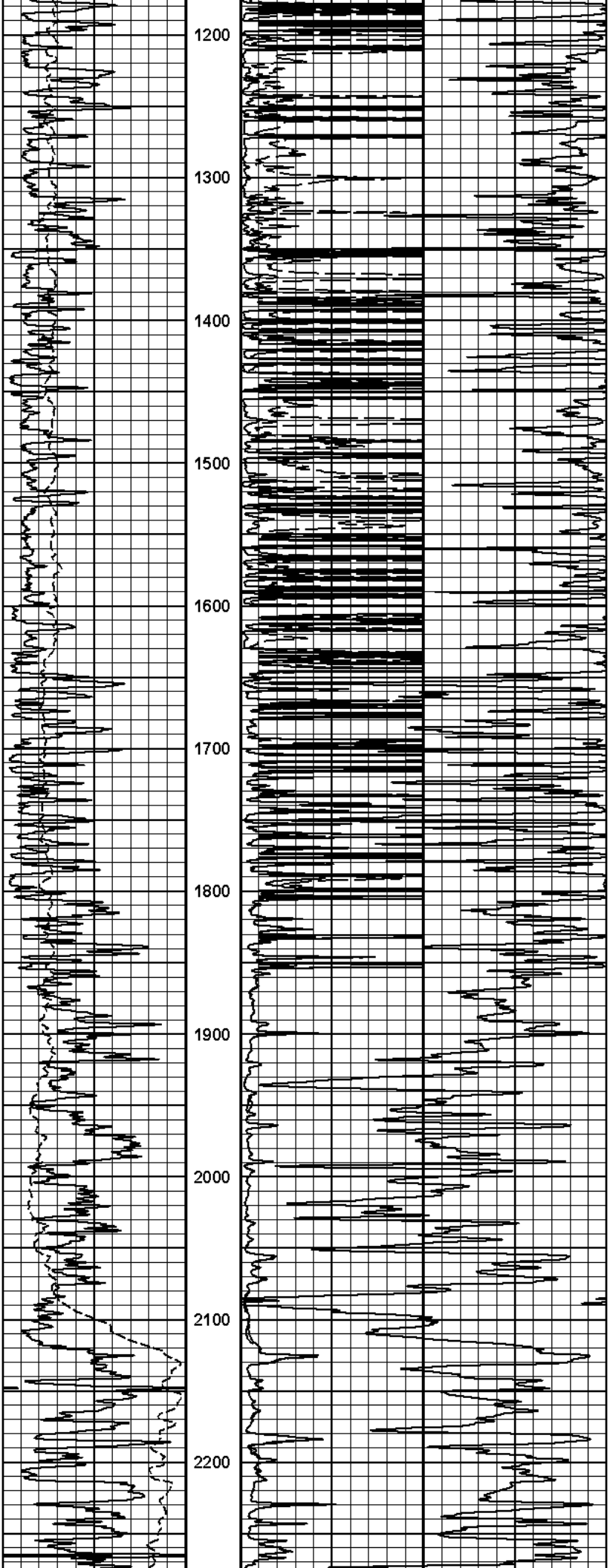
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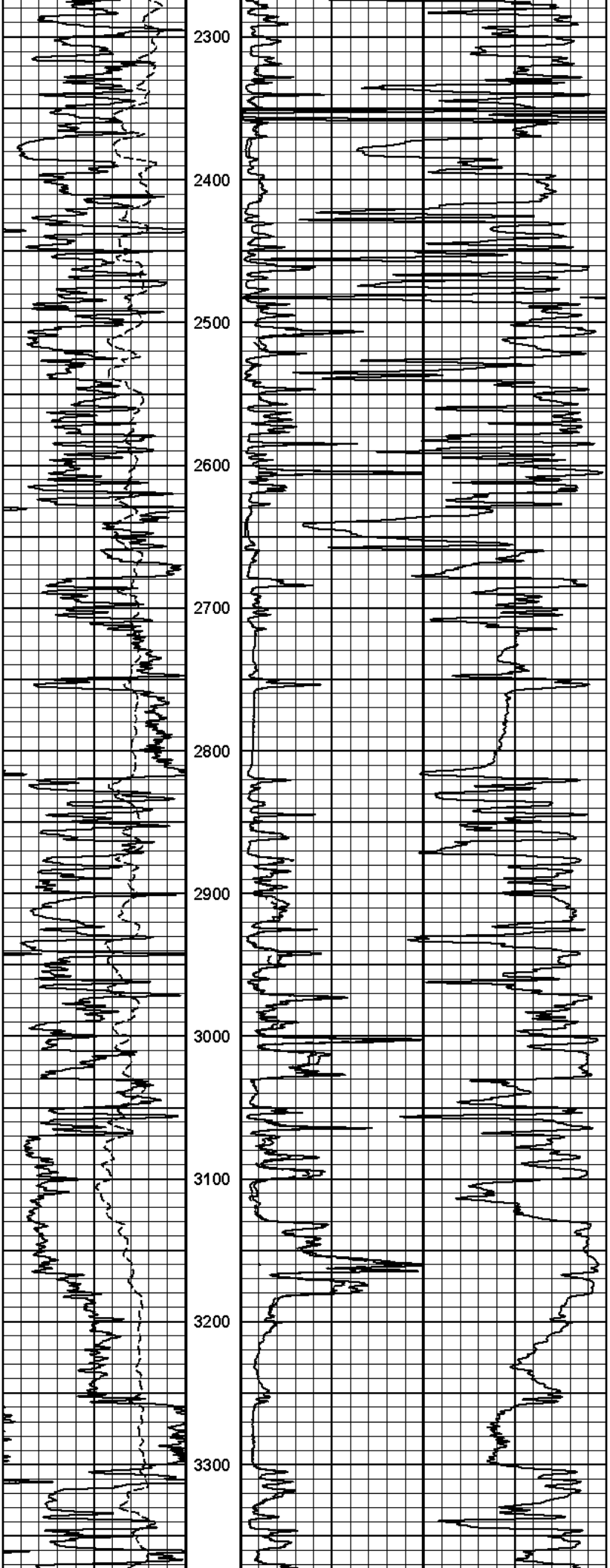
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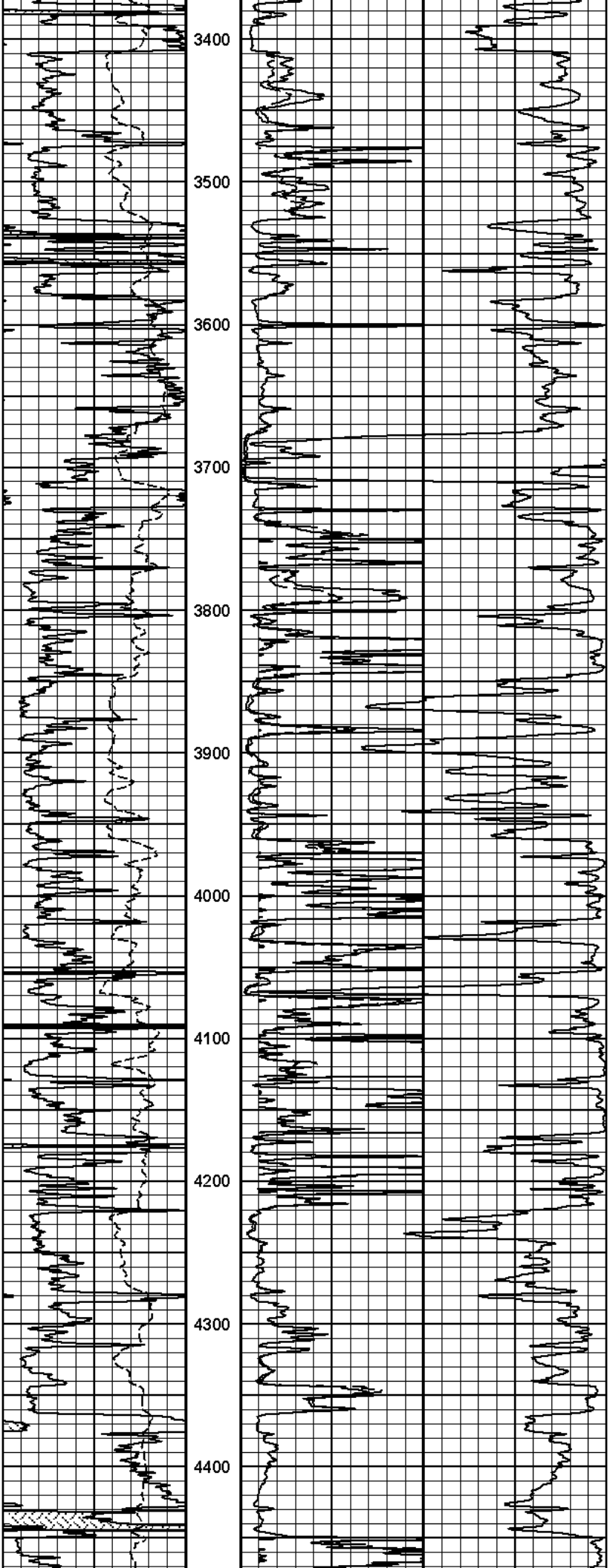
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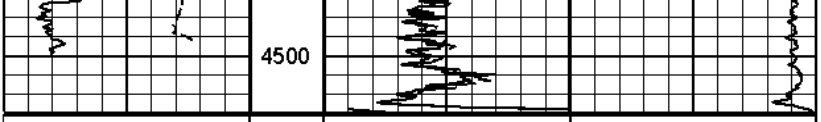

0 Gamma API 150	MD 1 : 1200 ft	20in Resistivity 2ft Res 0 50
api		ohm-metre
SP		90in Resistivity 2ft Res 0 50
-]20[+		ohm-metre
		1000 90in Conductivity 2ft Res 0
		mmho per metre

HALLIBURTON

Plot Time: 26-Jul-11 00:08:51
Plot Range: 200 ft to 4529.75 ft
Data: PARR_PAKRD_1_22\Well Based\DAQ-0001-004\
Plot File: \\-LOCAL-\PARR_PAKRD_1_22\Well Based\ACRT\ACRT_1_lib

1 INCH MAIN LOG