HALLIBURTON

MICROLOG

COMPANY	OXY USA INC
WELL	W.E. PREEDY #7
FIELD	LEMON
COUNTY	HASKELL
STATE	KANSAS

COMPANY: OXY USA INC
WELL: W.E. PREEDY #7
FIELD: LEMON
COUNTY: HASKELL
STATE: KANSAS

API No. 15-081-21956
Location
Sect. 33 Twp. 29S Rge. 33W

Other Services:
ACRT
SDLT, DSNT
BSAT

Permanent Datum	GL	Elev. 2959.0 ft	Elev.: K.B. 2976.0 ft
Log measured from	KB	, 17.0 ft above perm. Datum	D.F. 2975.0 ft
Drilling measured from	KB		G.L. 2959.0 ft

Date		29-Mar-12					
Run No.		ONE					
Depth - Driller		5731.00 ft					
Depth - Logger		5717.0 ft					
Bottom - Logged Interval		5679.0 ft					
Top - Logged Interval		3800.0 ft					
Casing - Driller		8.625 in	@ 1832.0 ft	@		@	
Casing - Logger		1824.0 ft					
Bit Size		7.875 in		@		@	
Type Fluid in Hole		WATER BASED MUD					
Density	Viscosity	9.5 ppg	49.00 s/qt				
PH	Fluid Loss	8.00 pH	10.0 cptm				
Source of Sample		FLOWLINE					
Rm @ Meas. Temperature		0.650 ohmm	@ 75.00 degF	@		@	
Rmf @ Meas. Temperature		0.53 ohmm	@ 60.00 degF	@		@	
Rmc @ Meas. Temperature		0.790 ohmm	@ 60.00 degF	@		@	
Source Rmf	Rmc	MEASURED	MEASURED				
Rm @ BHT		0.80 ohmm	@ 60.0 degF	@		@	
Time Since Circulation		20.0 hr					
Time on Bottom		29-Mar-12 23:45					
Max. Rec. Temperature		142.0 degF	@ 5717.0 ft	@		@	
Equipment	Location	10782954	LIBERAL				
Recorded By		J. BOLLOM		C. HAVERKAMP			
Witnessed By		D. ADAM					

Fold here

PGM Version: WL INSITE R3.4.2 (Build 2)

Service Ticket No.: 9371896 API Serial No.: 15-081-21956

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
ONE	P90	RUBBER	ADJ	N/A

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.		Run No.		Run No.	
Serial No.	10811258	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.	GTET	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

GAMMA RAY | 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	5717	3800	REC	0	150									

DIRECTIONAL INFORMATION

Maximum Deviation	@	KOP	@

Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5-INCH CASING
POST TOOL SURVEYS NOT PERFORMED AS PER CUSTOMER REQUEST
CHLORIDES REPORTED AT 3000 MG/L
LCM REPORTED AT TRACE AMOUNTS

TODAY'S CREW: F. VILLA & B. TERREL
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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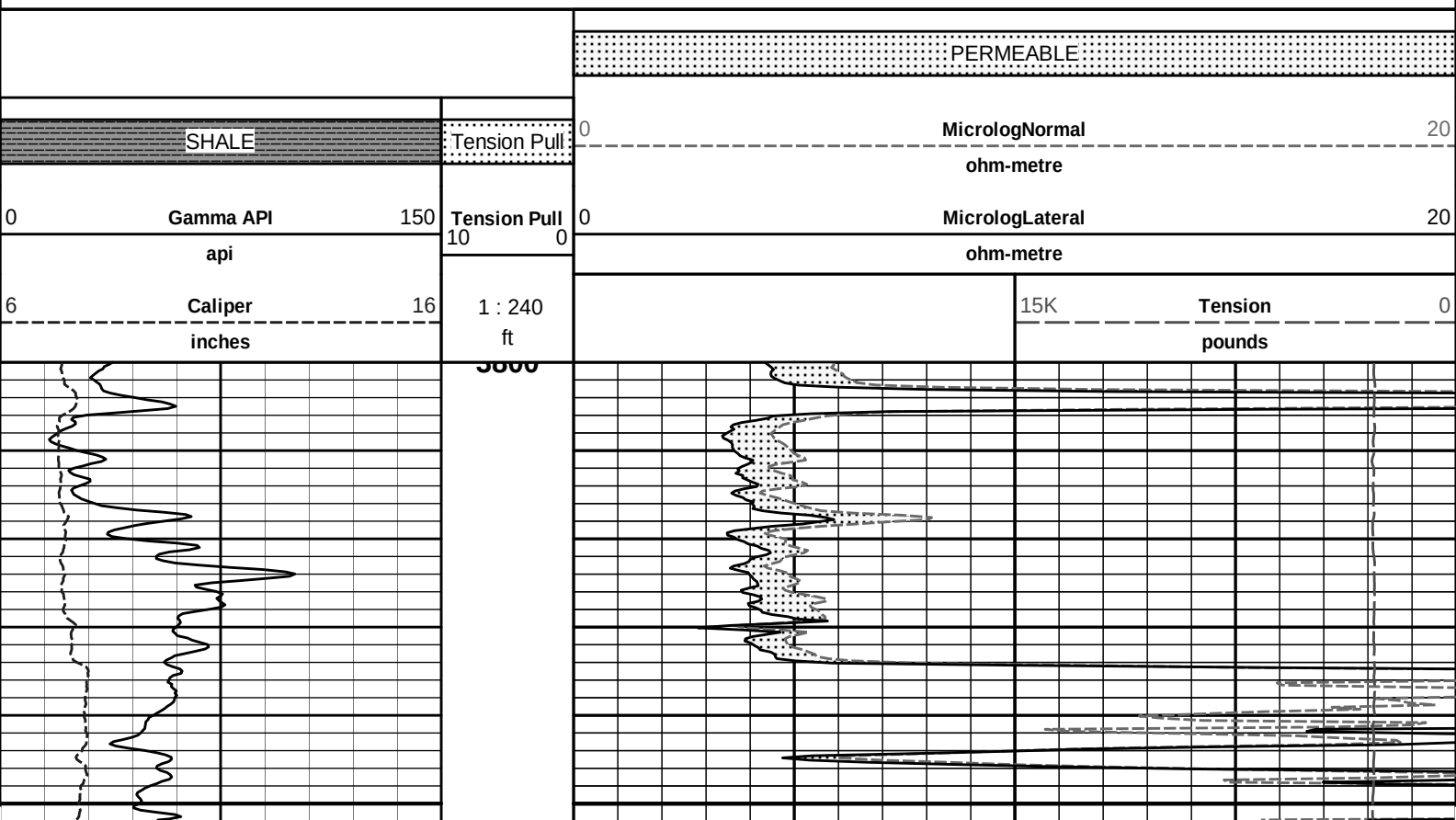
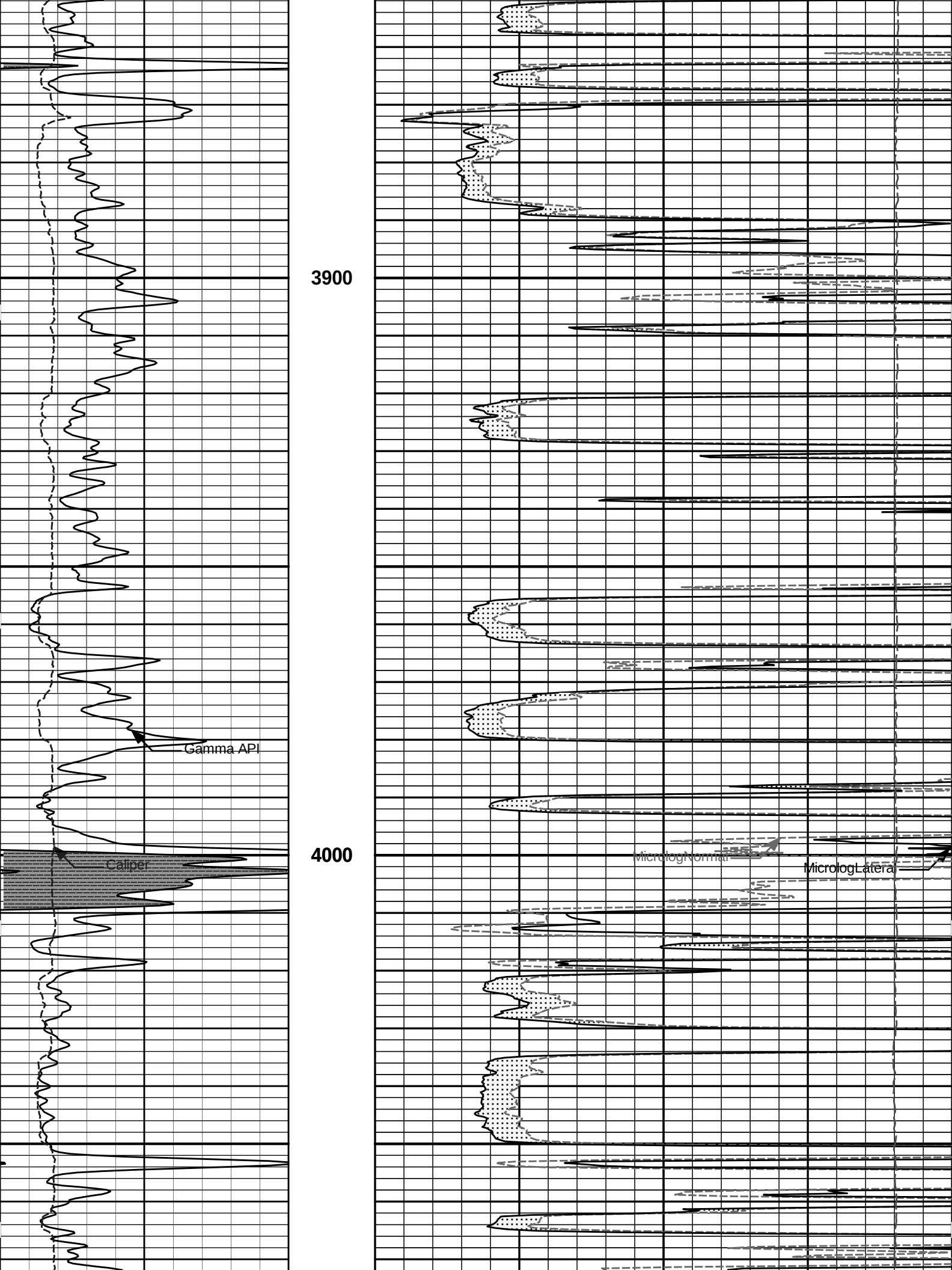
Plot Time: 30-Mar-12 02:49:14
Plot Range: 3800 ft to 5720.75 ft
Data: W_E_PREEDY_7\Well Based\DETAIL
Plot File: \\-LOCAL-\W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\MICRO\Microlog_IQ_5_main_lib

5 INCH MAIN LOG

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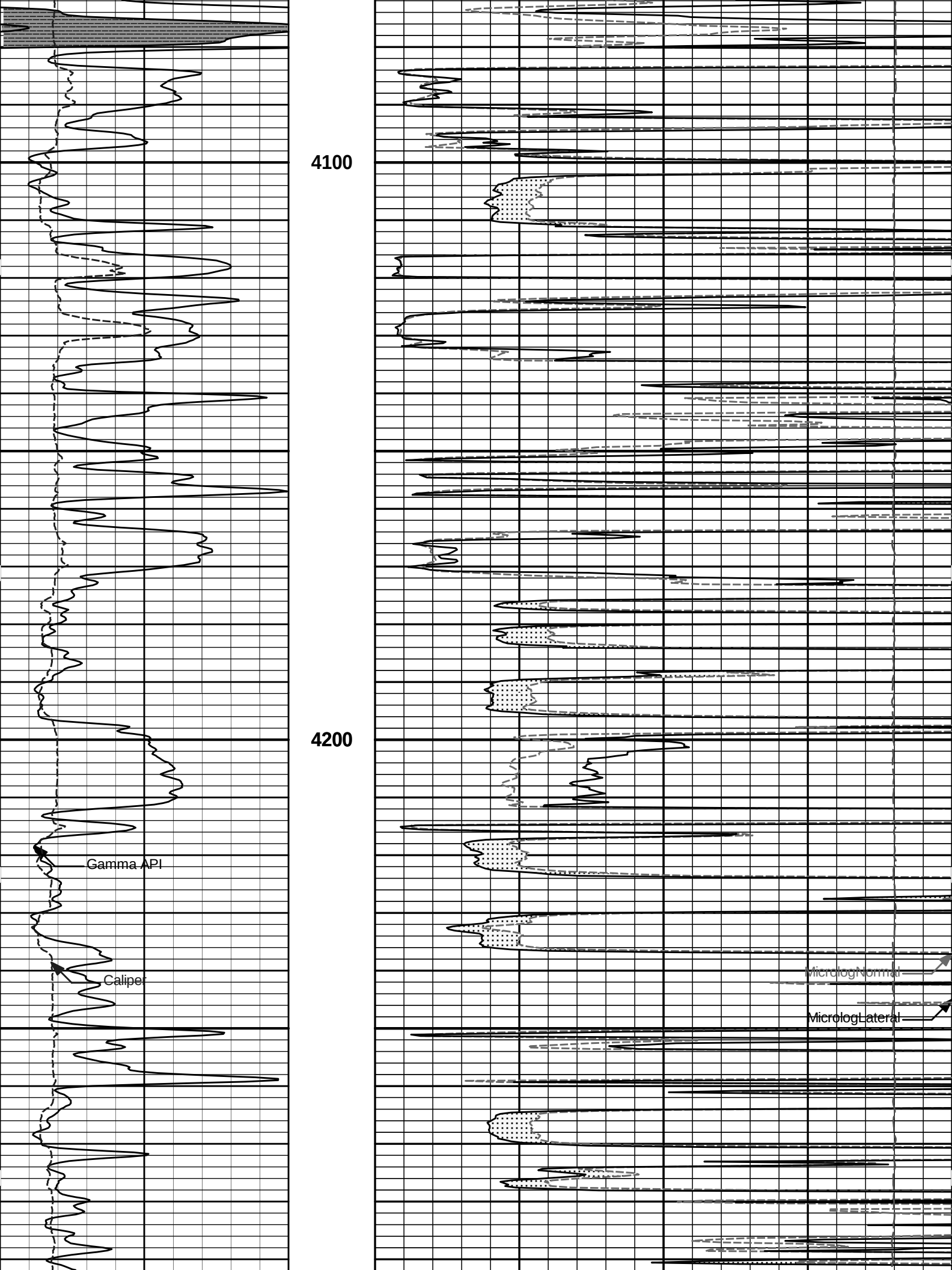
Caliper
MicrologNormal
MicrologLatera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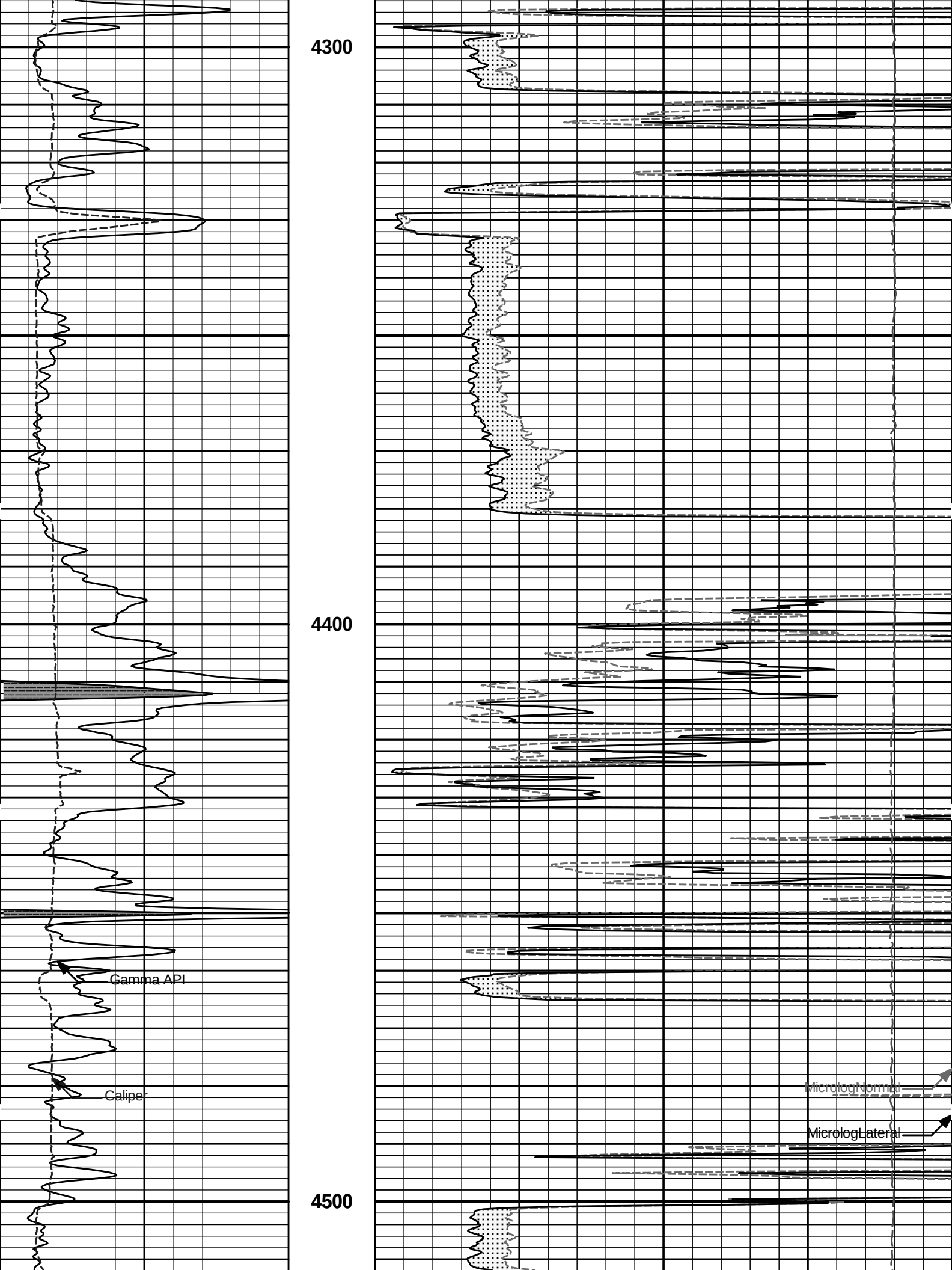
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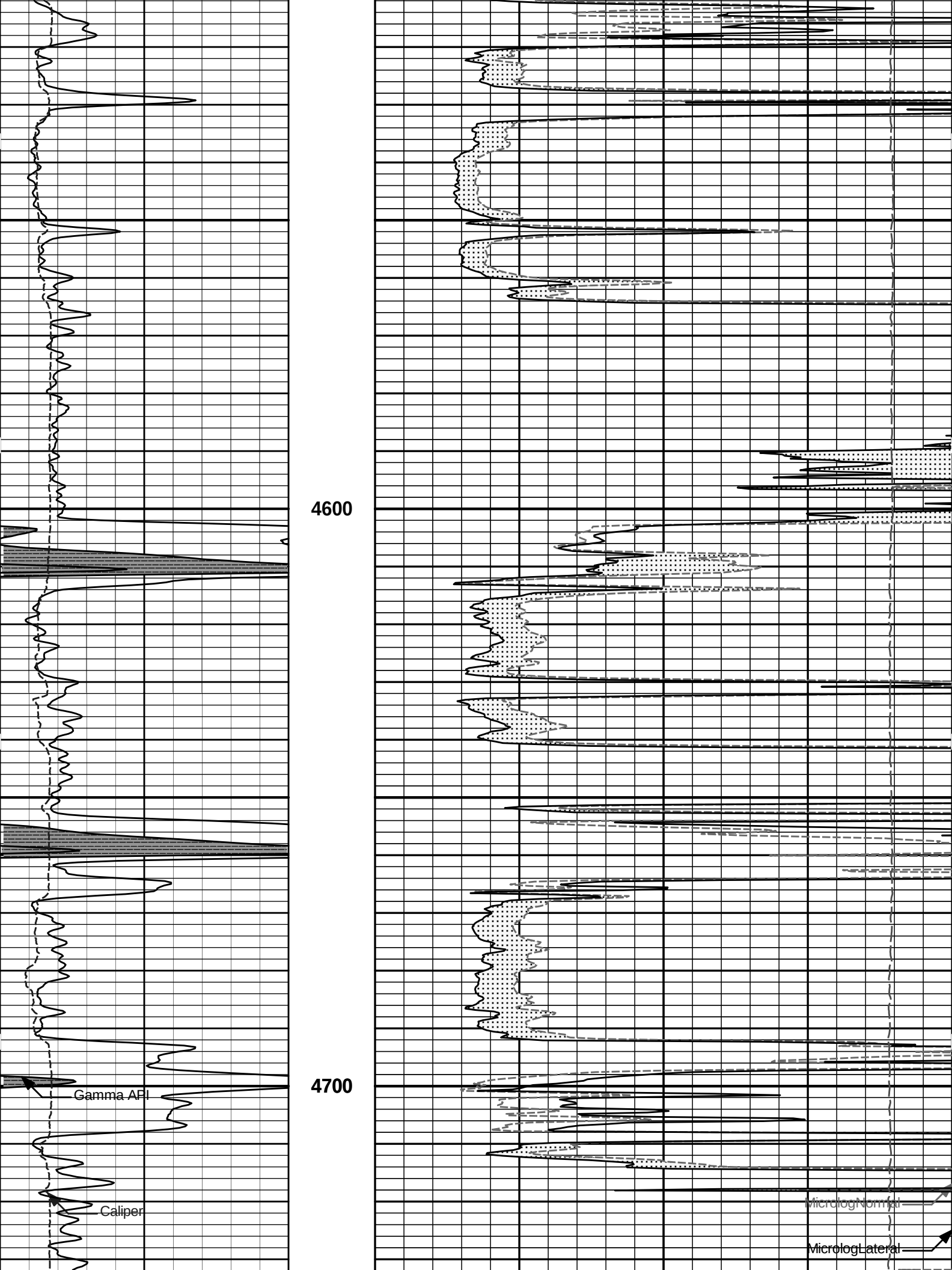
MicrologLateral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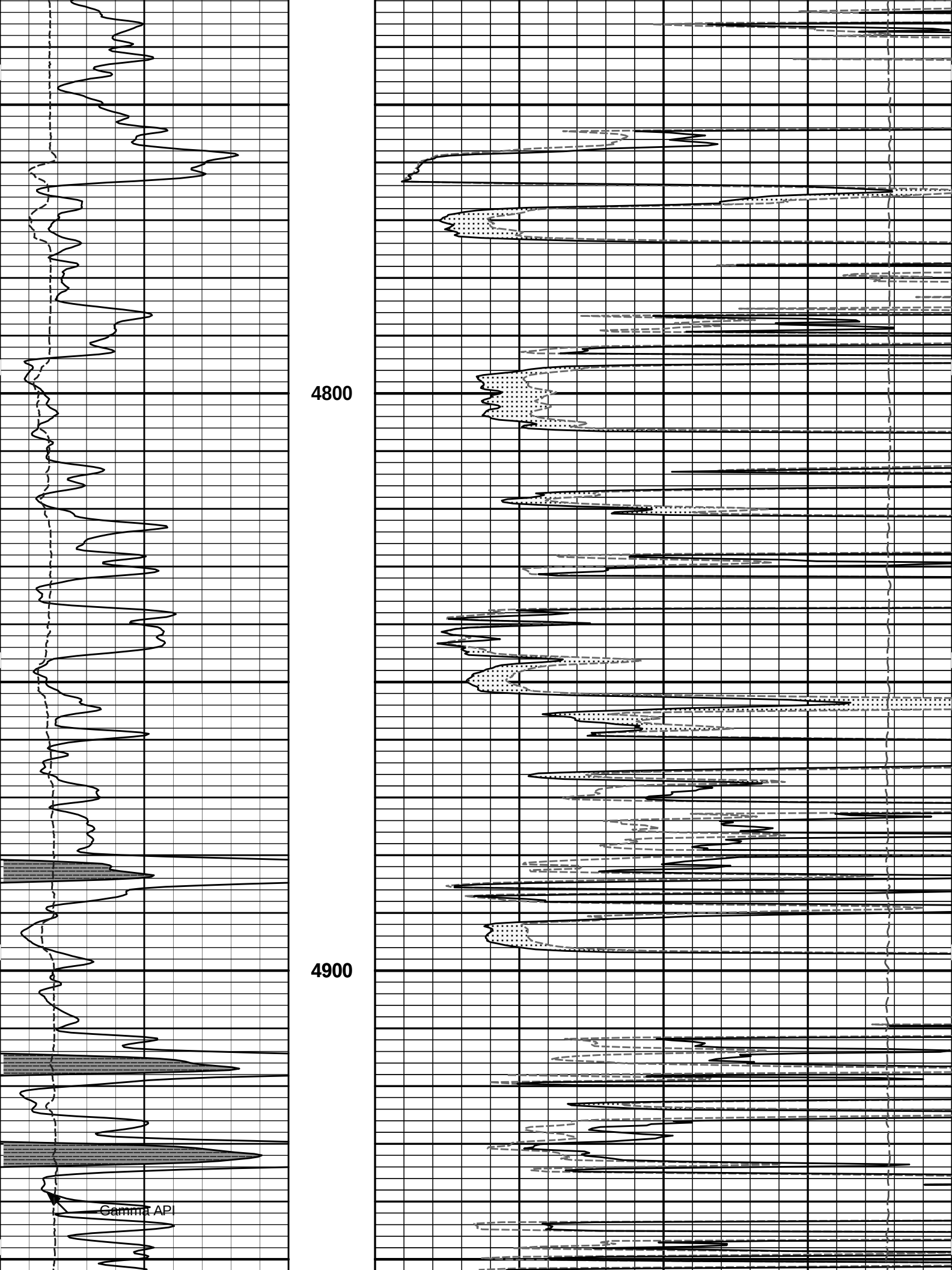
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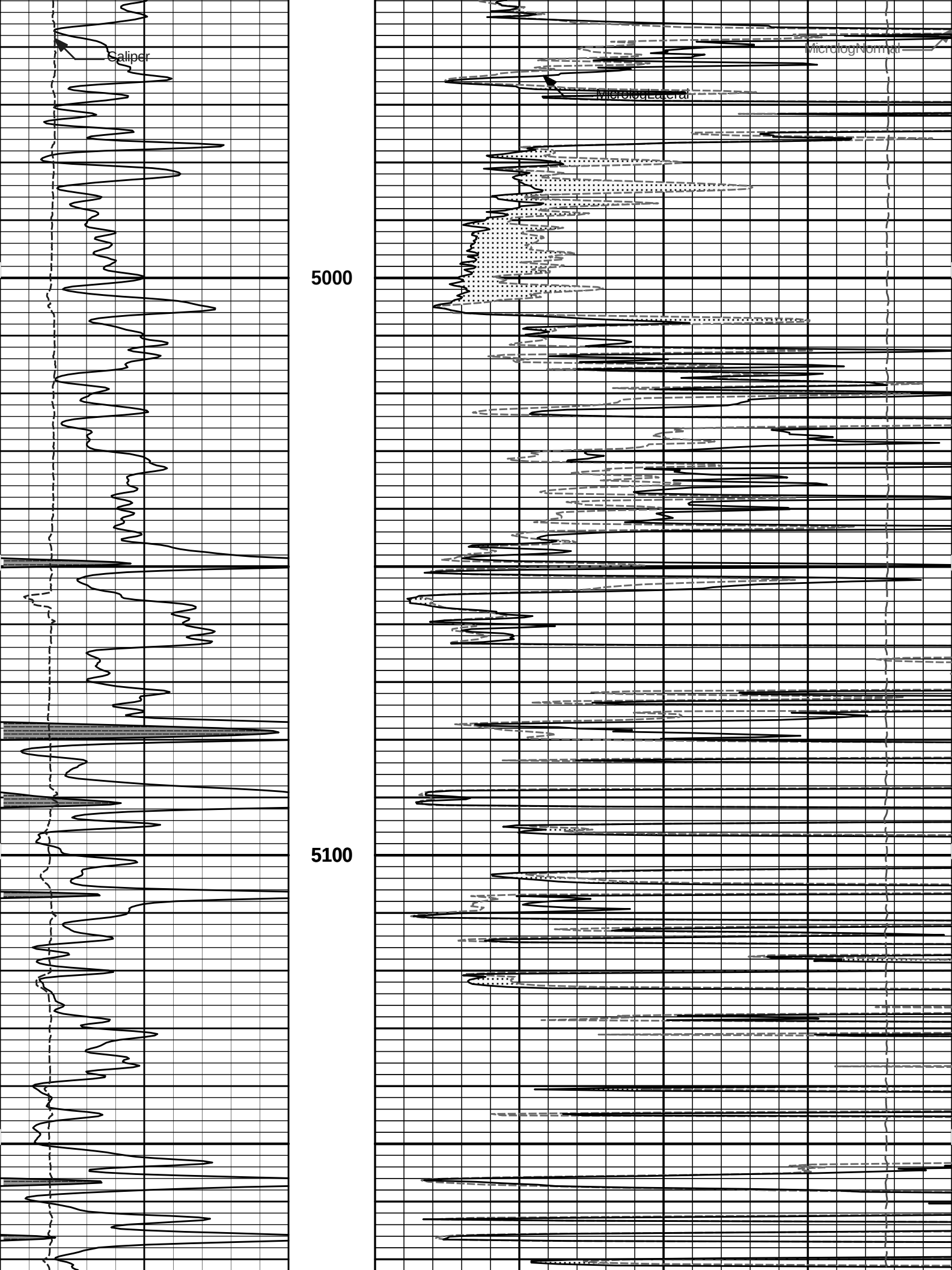
Gamma API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MicrologNormal
MicrologLateral
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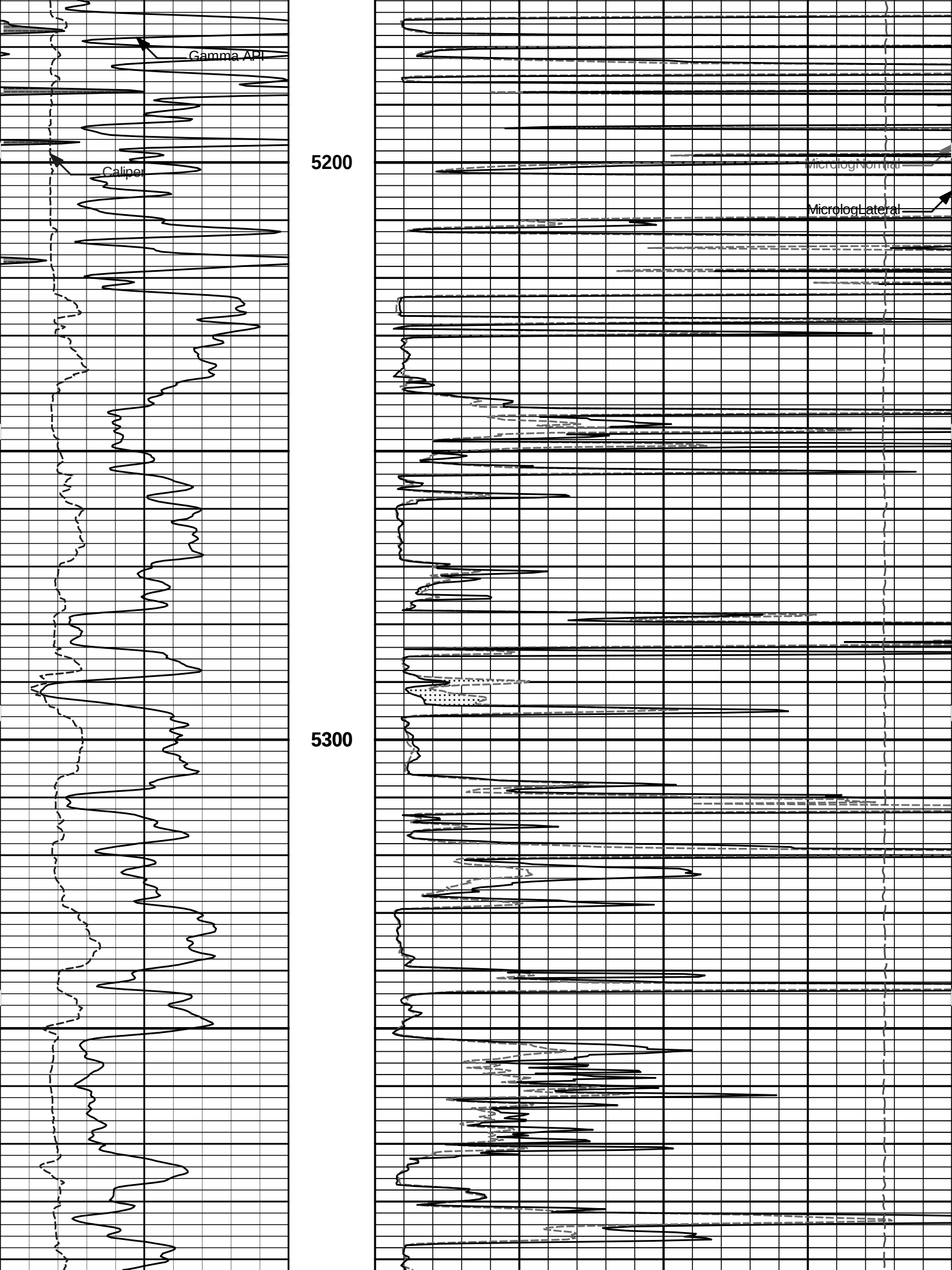
5100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MicrologLateral
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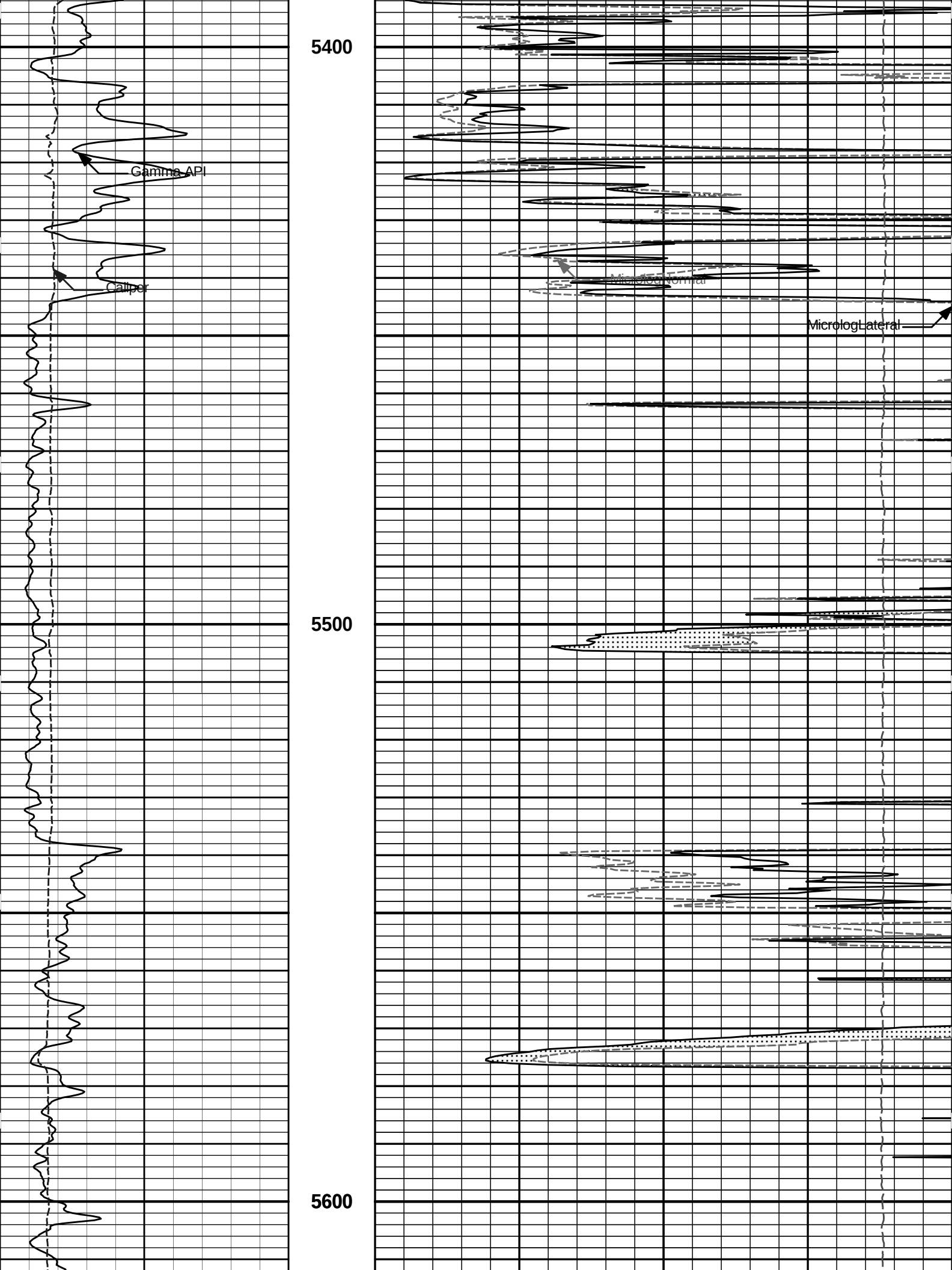
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5500
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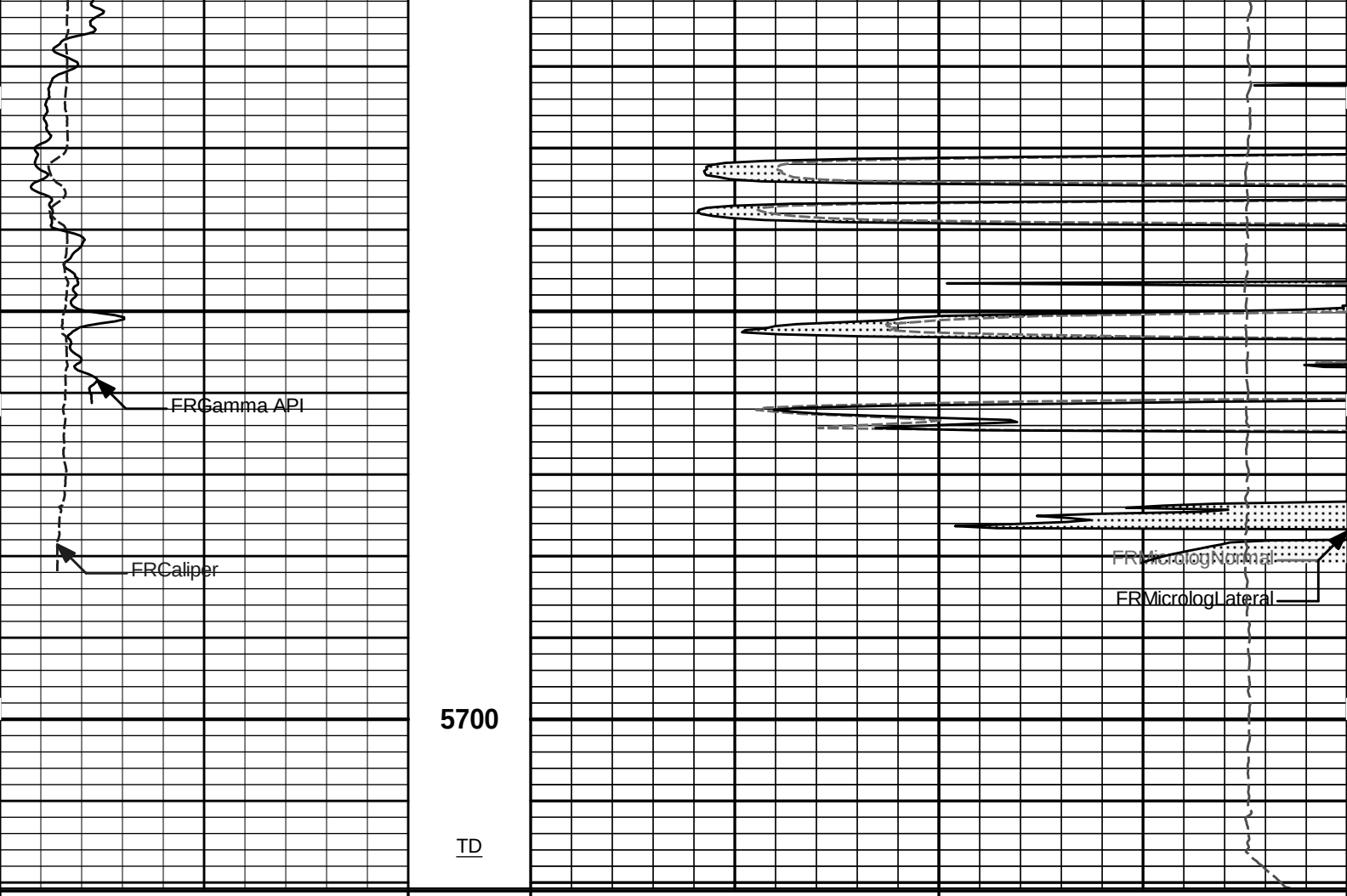
MicrologNormal
MicrologLateral



6 Caliper 16	1 : 240	15K Tension 0
inches	ft	pounds
0 Gamma API 150	Tension Pull	0 MicrologLateral 20
api	10 0	ohm-metre
SHALE	Tension Pull	0 MicrologNormal 20
		ohm-metre
		PERMEABLE

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Plot Time: 30-Mar-12 02:49:16
Plot Range: 3800 ft to 5720.75 ft
Data: W_E_PREEDY_7\Well Based\DETAIL
Plot File: \\-LOCAL-\W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\MICRO\Microlog_IQ_5_main_lib

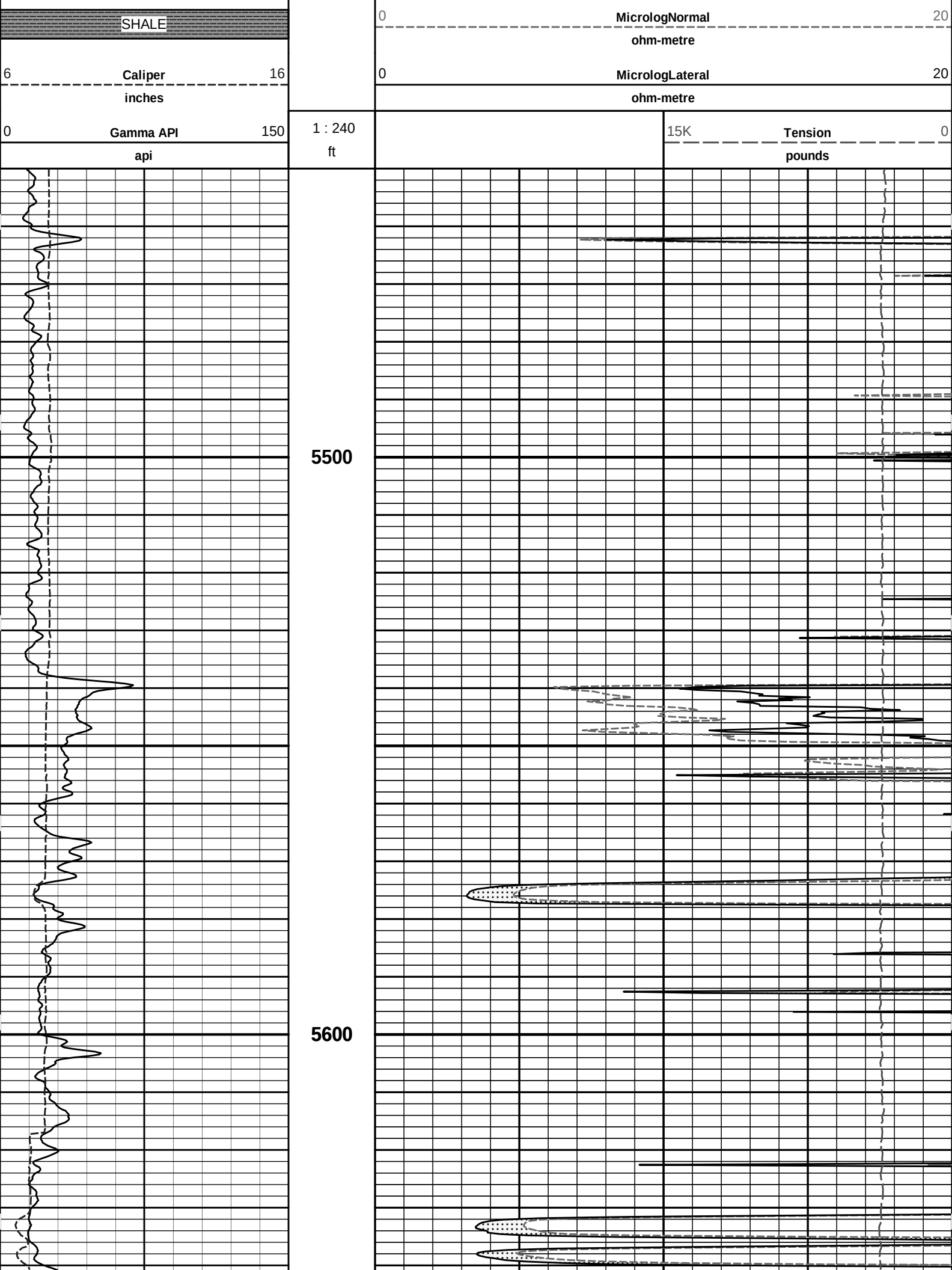
5 INCH MAIN LOG

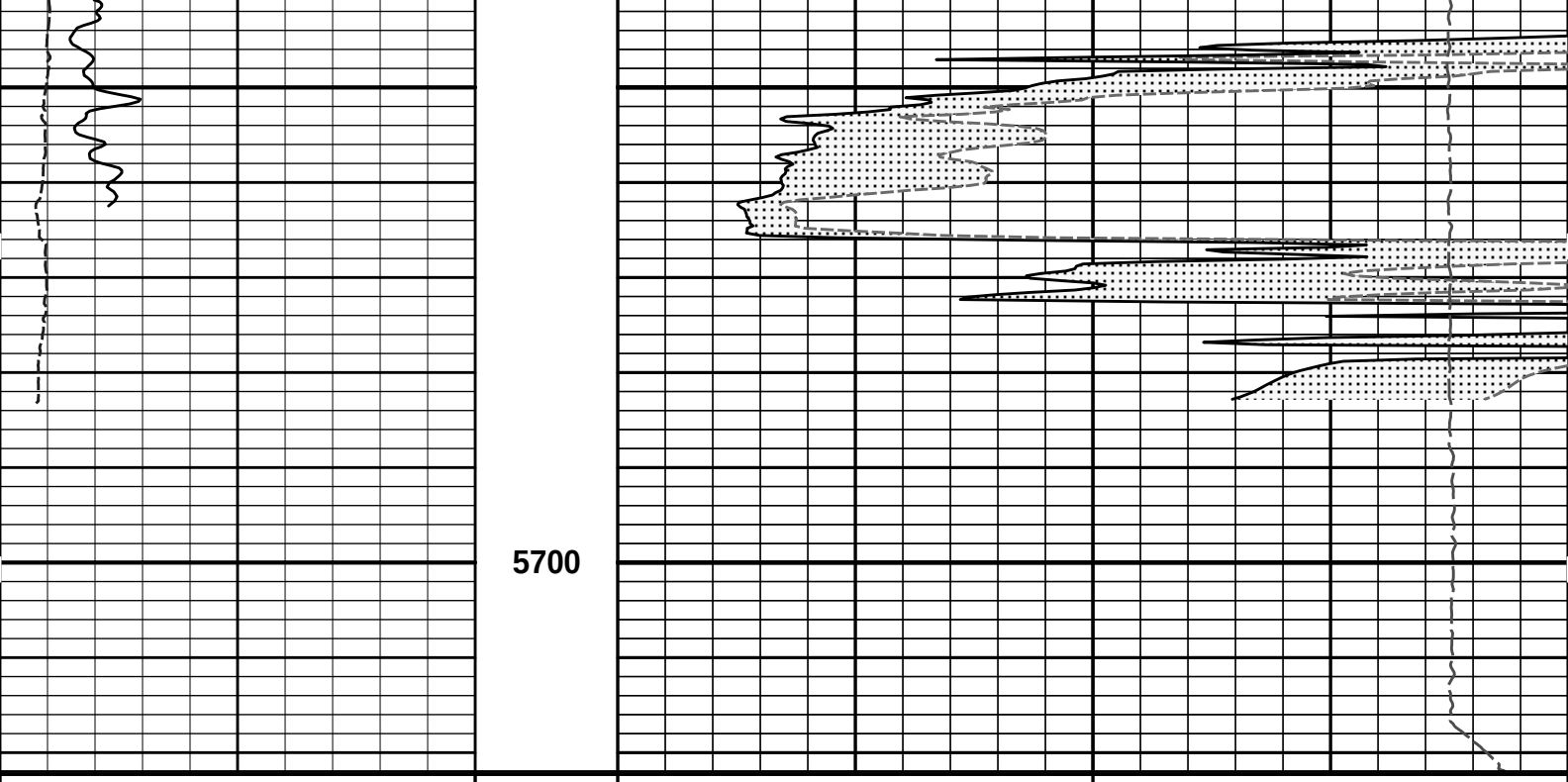
HALLIBURTON

Plot Time: 30-Mar-12 02:49:16
Plot Range: 5450 ft to 5722 ft
Data: W_E_PREEDY_7\Well Based\REPEAT
Plot File: \\-LOCAL-\W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\MICRO\Microlog_IQ_5_rep_lib

REPEAT SECTION

PERMEABLE


SHALE
6
Caliper
16
inches
0
Gamma API
150
api
1 : 240
ft
0
MicrologNormal
20
ohm-metre
0
MicrologLateral
20
ohm-metre
15K
Tension
0
pounds
5500
5600



HALLIBURTON

Plot Time: 30-Mar-12 02:49:17
Plot Range: 5450 ft to 5722 ft
Data: W_E_PREEDY_7\Well Based\REPEAT
Plot File: \\-LOCAL-\W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\MICRO\Microlog_IQ_5_rep_lib

REPEAT SECTION

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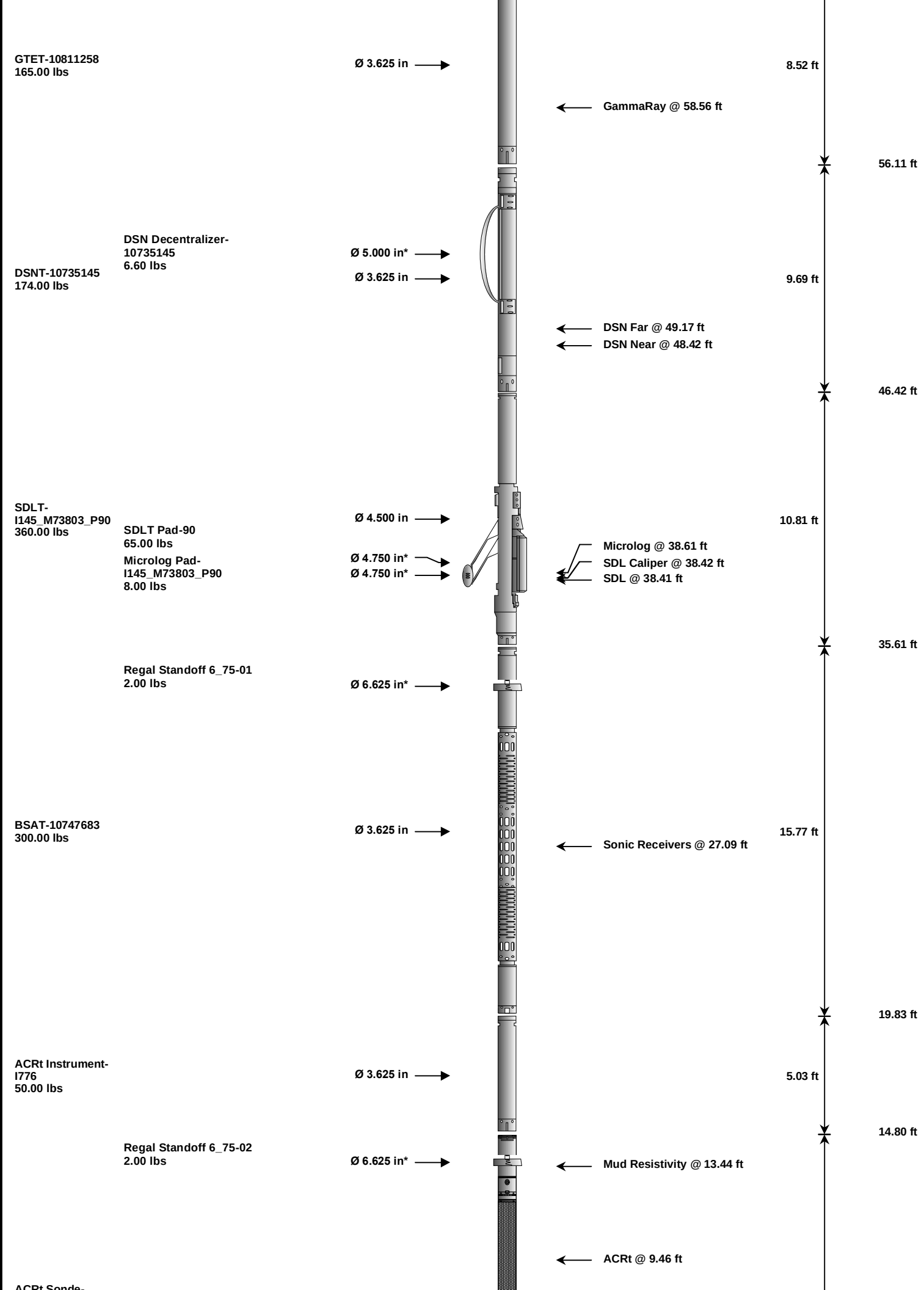
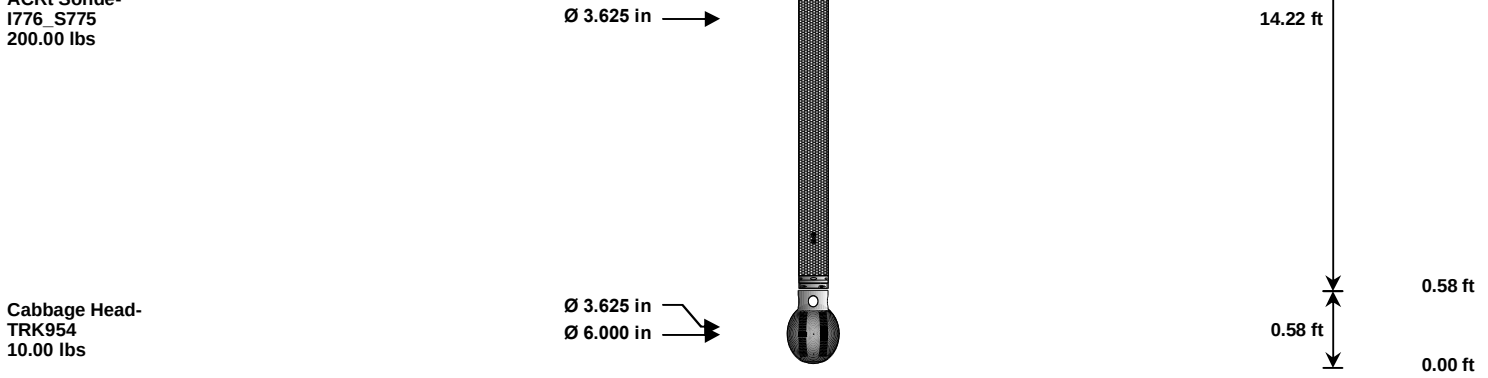
TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
						72.34 ft
CH_HOS-954 37.50 lbs		Ø 2.750 in		Temperature @ 71.31 ft	3.03 ft	
						69.31 ft
XOHD-TRK_954 20.00 lbs		Ø 2.750 in Ø 3.625 in			0.95 ft	
						68.36 ft
SP Sub-TRK954 60.00 lbs		Ø 3.625 in		SP @ 66.59 ft	3.74 ft	
						64.63 ft


GTET-10811258
165.00 lbs
Ø 3.625 in
8.52 ft
GammaRay @ 58.56 ft
56.11 ft
DSN Decentralizer-
10735145
6.60 lbs
Ø 5.000 in*
DSNT-10735145
174.00 lbs
Ø 3.625 in
9.69 ft
DSN Far @ 49.17 ft
DSN Near @ 48.42 ft
46.42 ft
SDLT-
I145_M73803_P90
360.00 lbs
Ø 4.500 in
10.81 ft
SDLT Pad-90
65.00 lbs
Microlog @ 38.61 ft
Microlog Pad-
I145_M73803_P90
8.00 lbs
Ø 4.750 in*
Ø 4.750 in*
SDL Caliper @ 38.42 ft
SDL @ 38.41 ft
35.61 ft
Regal Standoff 6_75-01
2.00 lbs
Ø 6.625 in*
BSAT-10747683
300.00 lbs
Ø 3.625 in
15.77 ft
Sonic Receivers @ 27.09 ft
19.83 ft
ACRt Instrument-
I776
50.00 lbs
Ø 3.625 in
5.03 ft
14.80 ft
Regal Standoff 6_75-02
2.00 lbs
Ø 6.625 in*
Mud Resistivity @ 13.44 ft
ACRt @ 9.46 ft



Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)		Accumulated Length (ft)	Max.Log. Speed (fpm)
CH_HOS	Hostile Cable Head with Load Cell	954	37.50	3.03		69.31	300.00
XOHD	Hostile to Dits Cross Over	TRK_954	20.00	0.95		68.36	300.00
SP	SP Sub	TRK954	60.00	3.74		64.63	300.00
GTET	Gamma Telemetry Tool	10811258	165.00	8.52		56.11	60.00
DSNT	Dual Spaced Neutron	10735145	174.00	9.69		46.42	60.00
DCNT	DSN Decentralizer	10735145	6.60	5.13	*	49.75	300.00
SDLT	Spectral Density Tool	I145_M73803_P90	360.00	10.81		35.61	60.00
MICP	Microlog Pad	I145_M73803_P90	8.00	1.00	*	38.11	60.00
SDLP	Density Insite Pad	90	65.00	2.55	*	37.82	60.00
BSAT	Borehole Sonic Array Tool	10747683	300.00	15.77		19.83	60.00
RSOF	Regal Standoff 6.75in	01	2.00	0.52	*	33.63	300.00
ACRt	Array Compensated True Resistivity Instrument Section	I776	50.00	5.03		14.80	300.00
ACRt	Array Compensated True Resistivity	I776_S775	200.00	14.22		0.58	300.00
RSOF	Regal Standoff 6.75in	02	2.00	0.52	*	13.36	300.00
CBHD	Cabbage Head	TRK954	10.00	0.58		0.00	300.00
Total			**1,460.10**	**72.34**			

* Not included in Total Length and Length Accumulation.

Data: W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\IDLE **Date: 29-Mar-12 23:33:45**

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CALIBRATION REPORT

NATURAL GAMMA RAY TOOL SHOP CALIBRATION

Tool Name: GTET - 10811258 **Reference Calibration Date:** 27-Feb-12 10:42:34

Engineer: T. HYDE **Calibration Date:** 27-Feb-12 10:45:14

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

Calibrator Source S/N: TB185

Calibrator API Reference:228.00 api

Equivalent Calibrator API Reference:232.0 api

Measurement	Measured	Calibrated	Units
Background	43.9	44.1	api
Background + Calibrator	275.0	276.1	api
Calibrator	231.1	232.0	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION

Tool Name: GTET - 10811258 **Reference Calibration Date:** 27-Feb-12 10:45:14

Engineer: R. GONZALEZ **Calibration Date:** 29-Mar-12 23:32:13

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

Calibrator Source S/N: TB185

Calibrator API Reference:228.00 api

Equivalent Calibrator API Reference:232.0 api

Field Verification	Shop	Field	Units
Background	44.1	37.4	api
Background + Calibrator	276.1	276.6	api
Calibrator	232.0	239.2	api

Shop	Field	Difference	Tolerance
232.0	239.2	-7.2	+/- 9.00

MICRO LOG SHOP CALIBRATION

Tool Name: Microlog Pad - I145_M73803_P90 **Reference Calibration Date:** 13-Jan-12 12:43:35

Engineer: J. BOLLOM **Calibration Date:** 12-Mar-12 08:17:08

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

CALIBRATION COEFFICIENT SUMMARY

Measurement	Micro Log Normal		Micro Log Lateral		
	Measured	Calibrated	Measured	Calibrated	Units
Tool Zero	-0.08	-0.07	-0.00	-0.01	ohmm
Calibration Point #1	-0.02	0.00	0.00	0.00	ohmm
Calibration Point #2	19.92	20.00	19.94	20.00	ohmm
Internal Reference	19.85	19.93	19.94	19.99	ohmm

Measurement	Micro Log Normal Tool Value	Micro Log Lateral Tool Value	Units
Tool Zero	-0.32	-0.77	V
Calibration Point #1	17.42	1.71	V
Calibration Point #2	5373.42	6988.77	V
Internal Reference	5354.44	6985.83	V

MICRO LOG FIELD CHECK

Tool Name: Microlog Pad - I145_M73803_P90 **Reference Calibration Date:** 12-Mar-12 08:17:08

Engineer: R. GONZALEZ **Calibration Date:** 29-Mar-12 23:28:59

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

Measurement	Micro Log Normal		Micro Log Lateral		
	Shop	Field	Shop	Field	Units
Tool Zero	-0.07	-0.06	-0.01	-0.00	ohmm
Internal Reference	19.93	19.98	19.99	20.04	ohmm

Summary

Signal	Shop	Field	Difference	Tolerence
Microlog Normal	19.93	19.98	-0.05	+/- 0.80
Microlog Lateral	19.99	20.04	-0.05	+/- 0.80

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-10811258						
Gamma Ray Calibrator	232.0	239.2	----------	-7.2	+/- 9.00	api
Microlog Pad-I145_M73803_P90						
MicroLog Normal	19.93	19.98	----------	-0.05	+/-0.80	ohmm
MicroLog Lateral	19.99	20.04	----------	-0.05	+/-0.80	ohmm

Data: W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\IDLE **Date: 30-Mar-12 00:31:18**

HALLIBURTON

PARAMETERS REPORT

Depth ((ft))	Tool Name	Mnemonic	Description	Value	Units
TOP					
	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	9.500	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	2.000	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	5731.00	ft
	SHARED	BHT	Bottom Hole Temperature	200.0	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	
	Rwa / CrossPlot	XPOK	Process Crossplot?	Yes	
	Rwa / CrossPlot	FCHO	Select Source of F	Automatic	
	Rwa / CrossPlot	AFAC	Archie A factor	0.6200	
	Rwa / CrossPlot	MFAC	Archie M factor	2.1500	
	Rwa / CrossPlot	RMFR	Rmf Reference	0.10	ohmm
	Rwa / CrossPlot	TMFR	Rmf Ref Temp	75.00	degF
	Rwa / CrossPlot	RWA	Resistivity of Formation Water	0.05	ohmm
	Rwa / CrossPlot	ADP	Use Air Porosity to calculate CrossplotPhi	No	
	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	
	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	SHCO	View More Correction Options	No	
	DSNT	UTVD	Use TVD for Gradient Corrections?	No	
	DSNT	LHWT	Logging Horizontal Water Tank?	No	
	SDLT	CLOK	Process Caliper Outputs?	Yes	
	SDLT Pad	DNOK	Process Density?	Yes	
	SDLT Pad	DNOK	Process Density EVR?	No	
	SDLT Pad	CB	Logging Calibration Blocks?	No	
	SDLT Pad	SPVT	SDLT Pad Temperature Valid?	Yes	

	SDLT Pad	DTWN	Disable temperature warning	No	
	SDLT Pad	DMA	Formation Density Matrix	2.710	g/cc
	SDLT Pad	DFL	Formation Density Fluid	1.000	g/cc
	Microlog Pad	MLOK	Process MicroLog Outputs?	Yes	
	BSAT	MBOK	Compute BCAS Results?	Yes	
	BSAT	FLLO	Frequency Filter Low Pass Value?	5000	Hz
	BSAT	FLHI	Frequency Filter High Pass Value?	27000	Hz
	BSAT	DTFL	Delta -T Fluid	189.00	uspf
	BSAT	DTMT	Delta -T Matrix Type	User define	
	BSAT	DTMA	Delta -T Matrix	47.60	uspf
	BSAT	DTSH	Delta -T Shale	100.00	uspf
	BSAT	SPEQ	Acoustic Porosity Equation	Wylie	
	ACRt Sonde	RTOK	Process ACRt?	Yes	
	ACRt Sonde	MNSO	Minimum Tool Standoff	1.50	in
	ACRt Sonde	TCS1	Temperature Correction Source	FP Lwr & FP Upr	
	ACRt Sonde	TPOS	Tool Position	Free Hanging	
	ACRt Sonde	RMOP	Rmud Source	Mud Cell	
	ACRt Sonde	RMIN	Minimum Resistivity for MAP	0.20	ohmm
	ACRt Sonde	RMIN	Maximum Resistivity for MAP	200.00	ohmm
	ACRt Sonde	THQY	Threshold Quality	0.50	
BOTTOM					

Data: W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\IDLE **Date: 30-Mar-12 00:22:56**

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	66.58	NO	
SP	Spontaneous Potential	66.58	BLK	1.250
SPR	Raw Spontaneous Potential	66.58	NO	
SPO	Spontaneous Potential Offset	66.58	NO	
	GTET			
TPUL	Tension Pull	58.56	NO	
GR	Natural Gamma Ray API	58.56	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	58.56	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	58.56	W	1.416 , 0.750
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
	DSNT			
TPUL	Tension Pull	48.32	NO	
RNDS	Near Detector Telemetry Counts	48.42	BLK	1.417
RFDS	Far Detector Telemetry Counts	49.17	TRI	0.583
DNTT	DSN Tool Temperature	48.42	NO	
DSNS	DSN Tool Status	48.32	NO	

DSNS	DSN Tool Status	48.32	NO	
ERND	Near Detector Telemetry Counts EVR	48.42	BLK	0.000
ERFD	Far Detector Telemetry Counts EVR	49.17	BLK	0.000
ENTM	DSN Tool Temperature EVR	48.42	NO	
SDLT				
TPUL	Tension Pull	38.42	NO	
PCAL	Pad Caliper	38.42	TRI	0.250
ACAL	Arm Caliper	38.42	TRI	0.250
BSAT				
TPUL	Tension Pull	27.09	NO	
STAT	Status	27.09	NO	
DLYT	Delay Time	27.09	NO	
SI	Sample Interval	27.09	NO	
TXRX	Raw Telemetry 10 Receivers	27.09	NO	
FRMC	Tool Frame Count	27.09	NO	
ACRt Sonde				
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

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	

SDLT Pad

TPUL	Tension Pull	38.41	NO	
NAB	Near Above	38.24	BLK	0.920
NHI	Near Cesium High	38.24	BLK	0.920
NLO	Near Cesium Low	38.24	BLK	0.920
NVA	Near Valley	38.24	BLK	0.920
NBA	Near Barite	38.24	BLK	0.920
NDE	Near Density	38.24	BLK	0.920
NPK	Near Peak	38.24	BLK	0.920
NLI	Near Lithology	38.24	BLK	0.920
NBAU	Near Barite Unfiltered	38.24	BLK	0.250
NLIU	Near Lithology Unfiltered	38.24	BLK	0.250
FAB	Far Above	38.58	BLK	0.250
FHI	Far Cesium High	38.58	BLK	0.250
FLO	Far Cesium Low	38.58	BLK	0.250
FVA	Far Valley	38.58	BLK	0.250
FBA	Far Barite	38.58	BLK	0.250
FDE	Far Density	38.58	BLK	0.250
FPK	Far Peak	38.58	BLK	0.250
FLI	Far Lithology	38.58	BLK	0.250
PTMP	Pad Temperature	38.42	BLK	0.920
NHV	Near Detector High Voltage	37.81	NO	
FHV	Far Detector High Voltage	37.81	NO	
ITMP	Instrument Temperature	37.81	NO	
DDHV	Detector High Voltage	37.81	NO	

Microlog Pad

TPUL	Tension Pull	38.60	NO	
MINV	Microlog Lateral	38.60	BLK	0.750
MNOR	Microlog Normal	38.60	BLK	0.750

Data: W_E_PREEDY_7\0001 SP-GTET-DSNT-SDLT-BSAT-ACRT-CH\IDLE **Date: 30-Mar-12 00:22:24**

COMPANY	**OXY USA INC**		
WELL	**W.E. PREEDY #7**		
FIELD	**LEMON**		
COUNTY	**HASKELL**	STATE	**KANSAS**