

HALLIBURTON

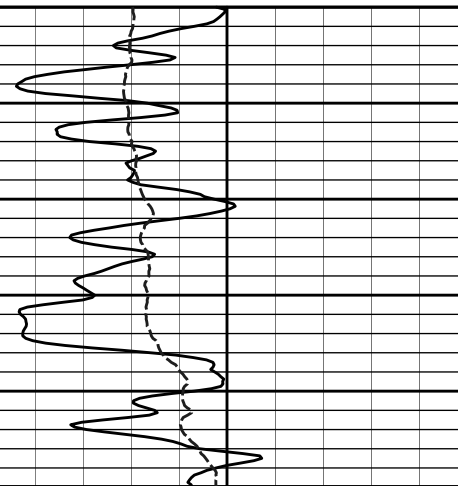
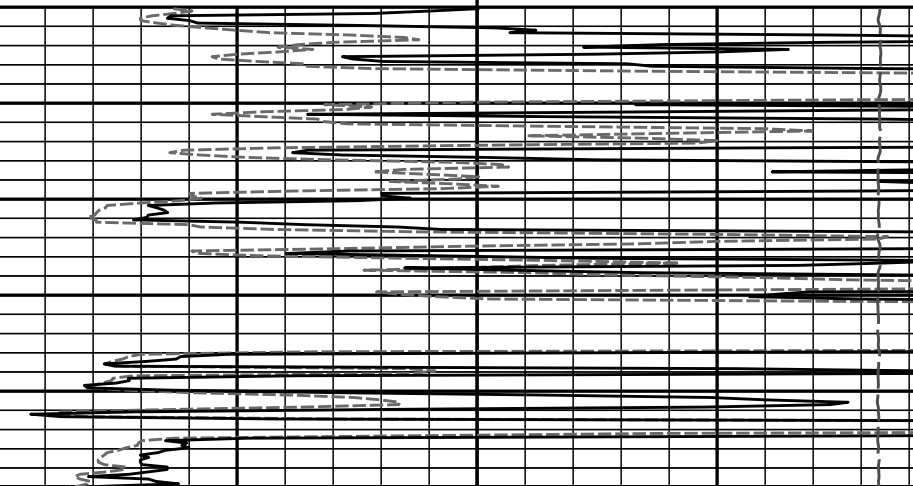
MICROLOG

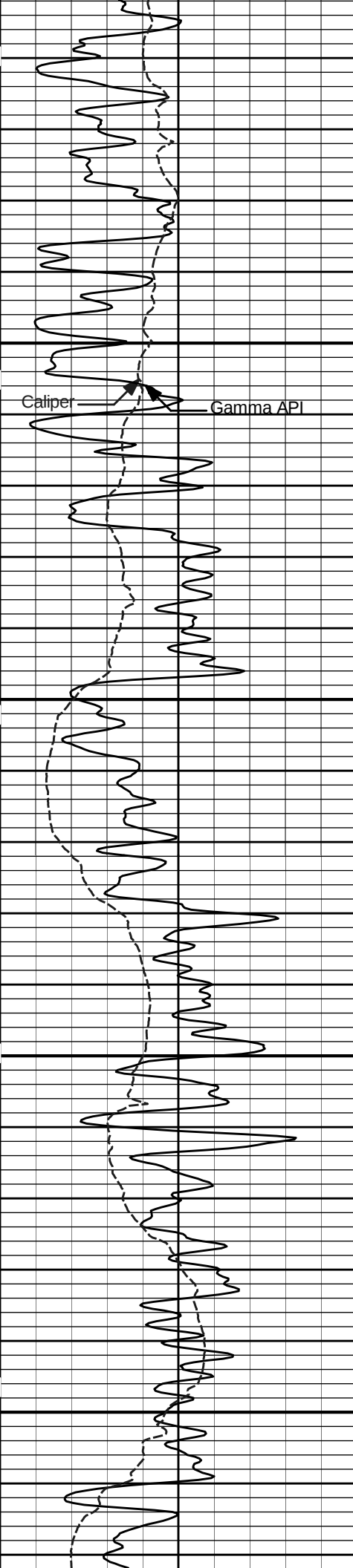
COMPANY					BEREXCO INC.				
WELL					NEWBY 2-21				
FIELD					EVA SOUTH				
COUNTY					SCOTT				
STATE					KANSAS				
Permanent Datum					GL				
Log measured from					KB				
Drilling measured from					KB				
Date	14-Mar-12				Elev. 2943.0 ft				
Run No.	ONE				Elev.: K.B. 2955.0 ft				
Depth - Driller	4770.00 ft				D.F. 2954.0 ft				
Depth - Logger	4764.0 ft				G.L. 2943.0 ft				
Bottom - Logged Interval	4741.0 ft								
Top - Logged Interval	2600.0 ft								
Casing - Driller	8.626 in @ 427.0 ft								
Casing - Logger	449.0 ft								
Bit Size	7.875 in								
Type Fluid in Hole	WATER BASED MUD								
Density	9.4 ppg								
PH	10.00 pH								
Source of Sample	FLOWLINE								
Rm @ Meas. Temperature	0.660 ohmm @ 75.00 degF								
Rmf @ Meas. Temperature	0.89 ohmm @ 40.00 degF								
Rmc @ Meas. Temperature	1.450 ohmm @ 40.00 degF								
Source Rmf	MEASURED								
Rm @ BHT	0.43 ohmm @ 118.0 degF								
Time Since Circulation	2.0 hr								
Time on Bottom	14-Mar-12 04:08								
Max. Rec. Temperature	118.0 degF @ 4764.0 ft								
Equipment	10782954 LIBERAL								
Recorded By	J. BOLLOM								
Witnessed By	J. CARTER								

Fold here

Service Ticket No.: 9338910					API Serial No.: 15-171-20866					PGM Version: WL INSITE R3.4.2 (Build 2)				
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE							RESISTIVITY SCALE CHANGES							
Date	Sample No.						Type Log	Depth	Scale Up Hole			Scale Down Hole		
Depth-Driller														
Type Fluid in Hole														
Density	Viscosity													
Ph	Fluid Loss													
Source of Sample							RESISTIVITY EQUIPMENT DATA							
Rm @ Meas. Temp		@			@		Run No.	Tool Type & No.	Pad Type		Tool Pos.		Other	
Rmf @ Meas. Temp.		@			@		ONE	P90	RUBBER		ADJ		N/A	
Rmc @ Meas. Temp.		@			@									
Source Rmf	Rmc													
Rm @ BHT		@			@									
Rmf @ BHT		@			@									
Rmc @ BHT		@			@									
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	N/A		FWDA [Y/N]				Strength				Strength			

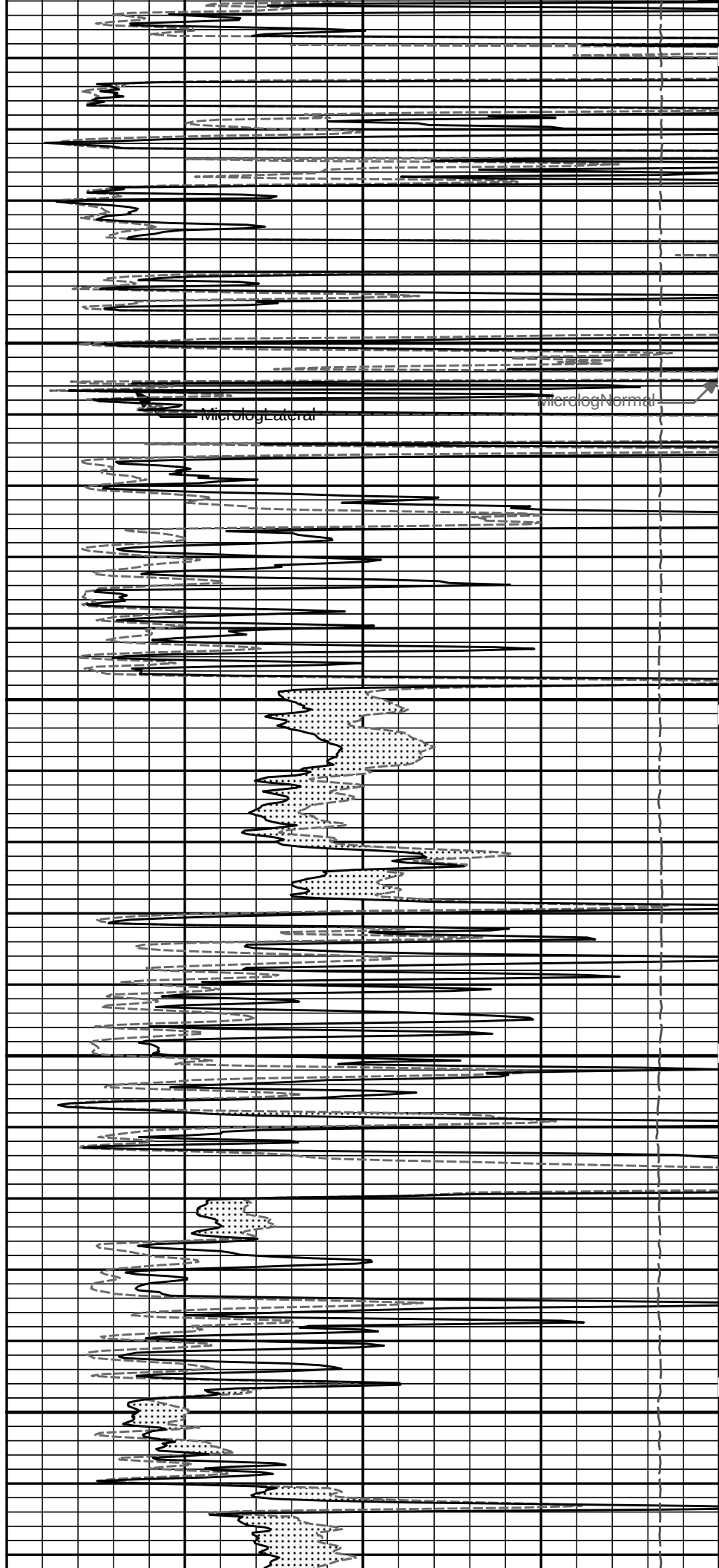
GENERAL			GAMMA		ACOUSTIC		DENSITY		NEUTRON					
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R		L	R	
ONE	4764	3750	REC	0	150									
ONE	2950	2600	REC	0	150									
DIRECTIONAL INFORMATION														
Maximum Deviation @								KOP @						
Remarks: TOOL SURVEYS NOT PERFORMED DUE TO TEMPERATURE														
LCM REPORTED AT 4 LB/BBL														
CHLORIDES REPORTED AT 1800 PPM														
ANNULAR HOLE VOLUME CALCULATED FOR 5.5-INCH CASING														
TODAY'S CREW: K. KING & 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.														
HALLIBURTON														

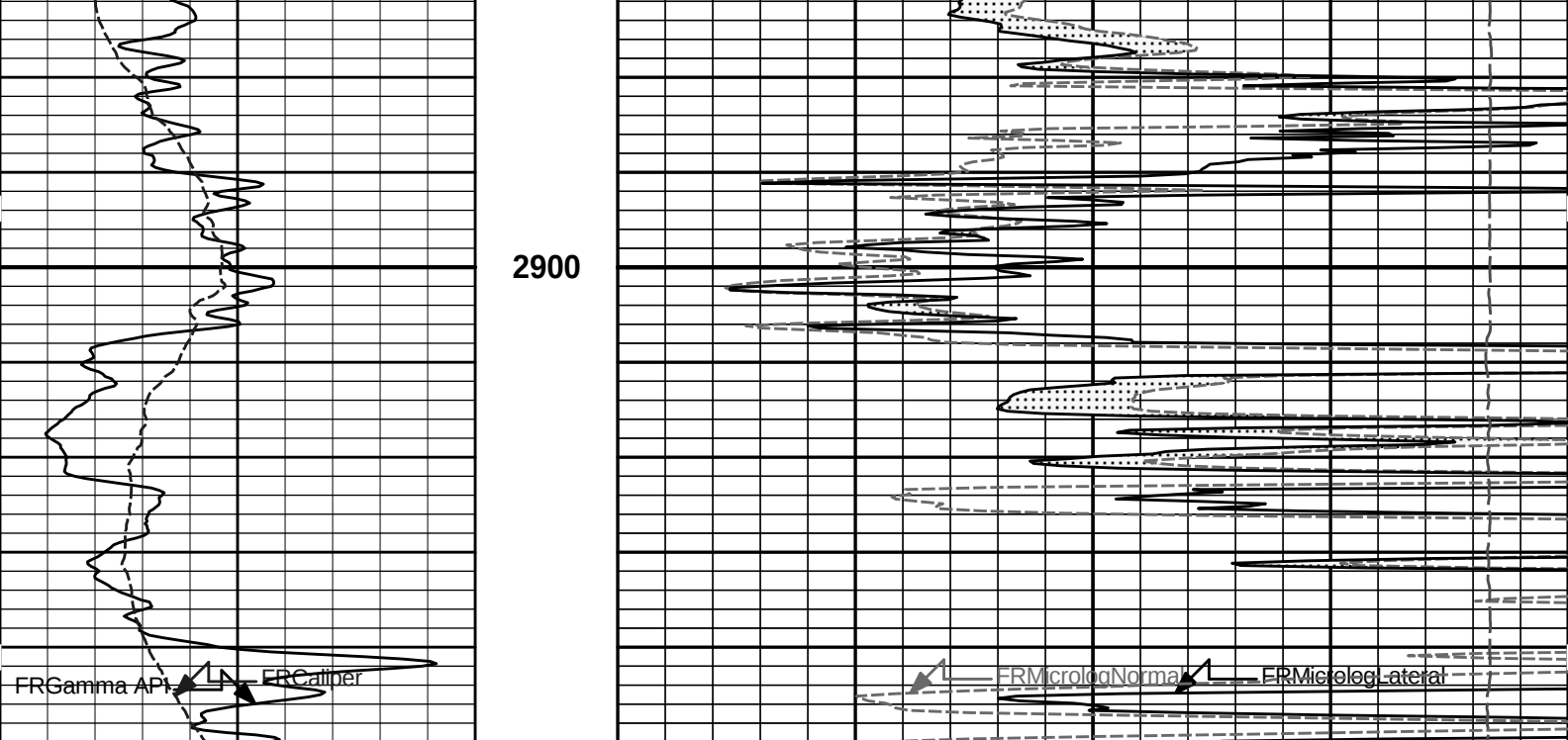
			PERMEABLE									
SHALE			Tension Pull									
Gamma API			MicrologNormal									
api			ohm-metre									
Caliper			MicrologLateral									
inches			ohm-metre									
1 : 240 ft			Tension pounds									
2000			15K									
												



2700

2800





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	

HALLIBURTON

Plot Time: 14-Mar-12 08:02:42
Plot Range: 2600 ft to 2950 ft
Data: NEWBY 2-21\Well Based\DETAIL_TOP\
Plot File: \\-LOCAL-NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CH\MICRO\Microlog_IQ_5_main_lib

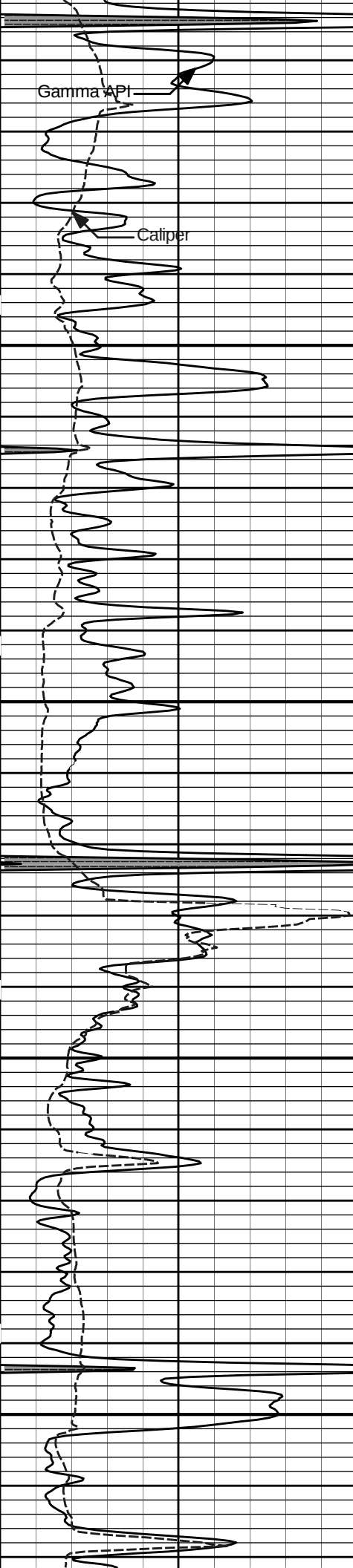
5 INCH MAIN LOG

HALLIBURTON

Plot Time: 14-Mar-12 08:02:42
Plot Range: 3750 ft to 4769 ft
Data: NEWBY 2-21\Well Based\DETAIL_BOTTOM\
Plot File: \\-LOCAL-NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CH\MICRO\Microlog_IQ_5_main_lib

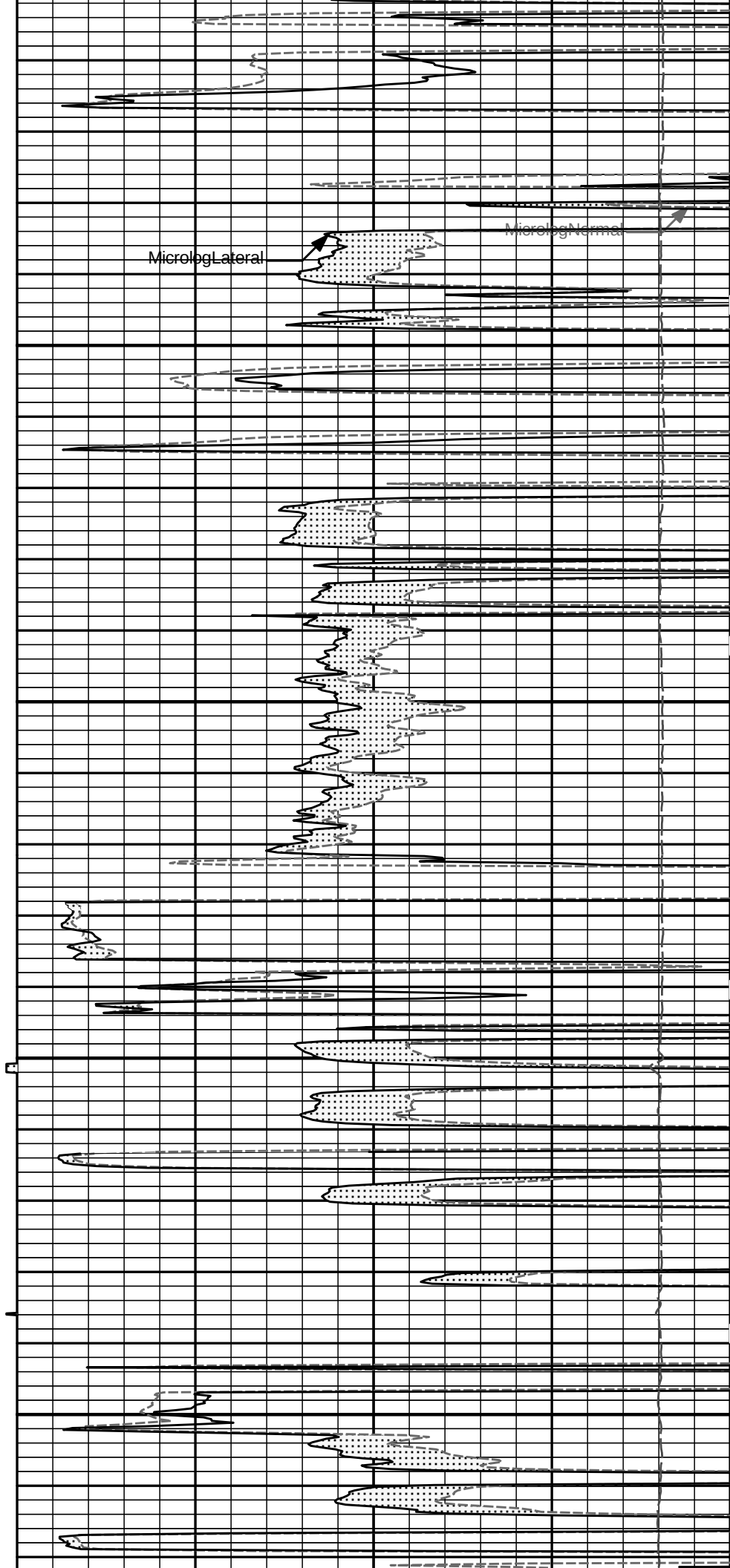
5 INCH MAIN LOG

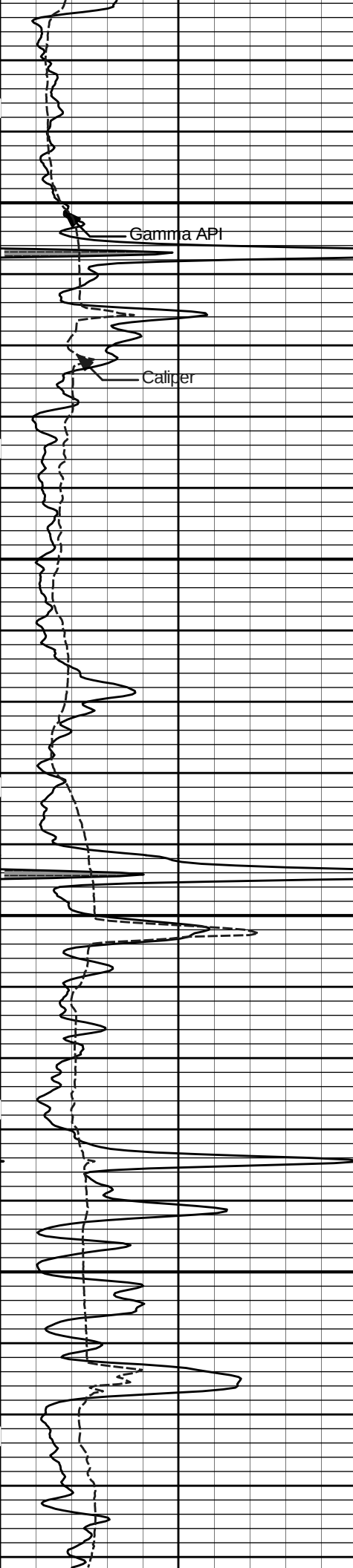
					PERMEABLE	
	SHALE	Tension Pull	0	MicrologNormal	20	
				ohm-metre		
0	Gamma API	150	Tension Pull	0	MicrologLateral	20
	api		10 0		ohm-metre	
6	Caliper	16	1 : 240	15K	Tension	0
	inches		ft		pounds	



3800

3900



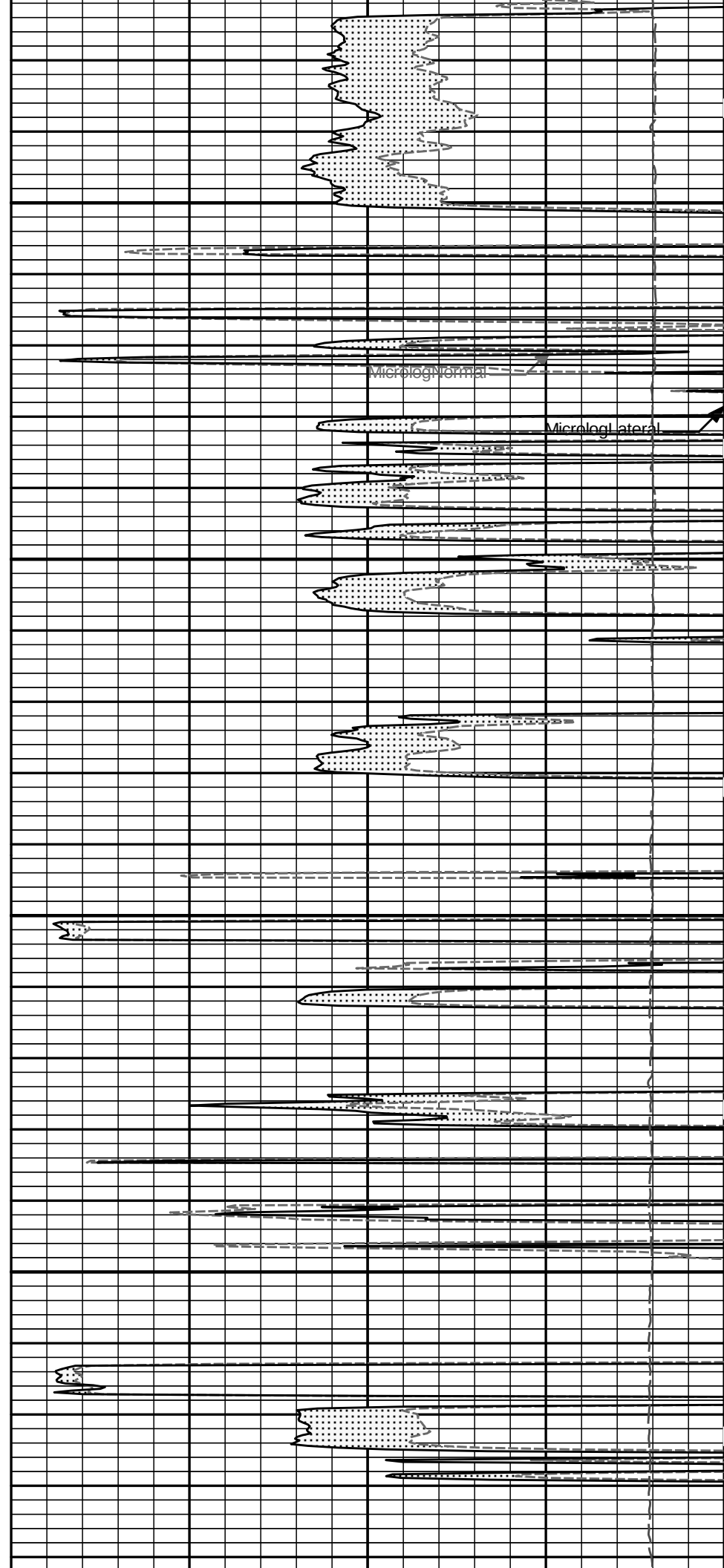


4000

Gamma API

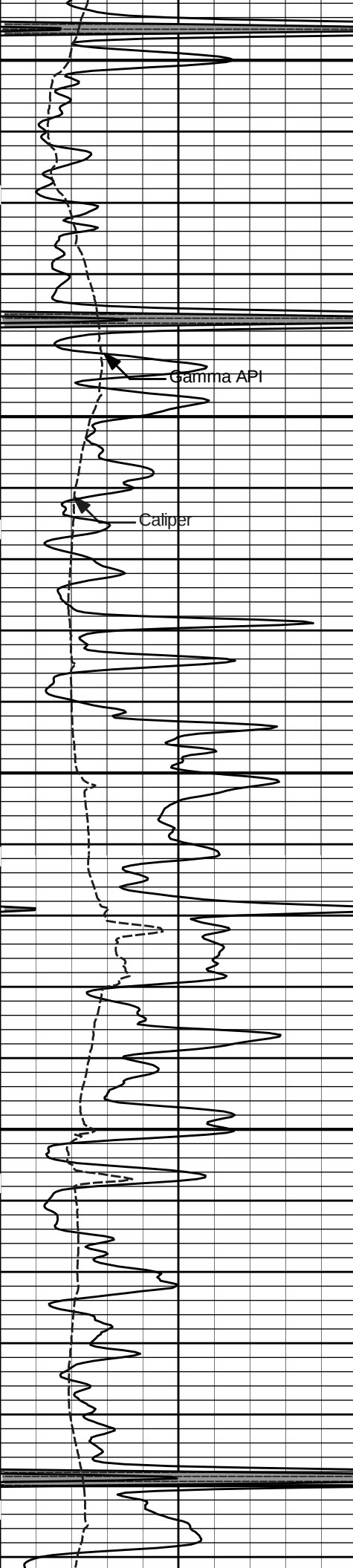
Caliper

4100



Microlog Normal

Microlog Lateral



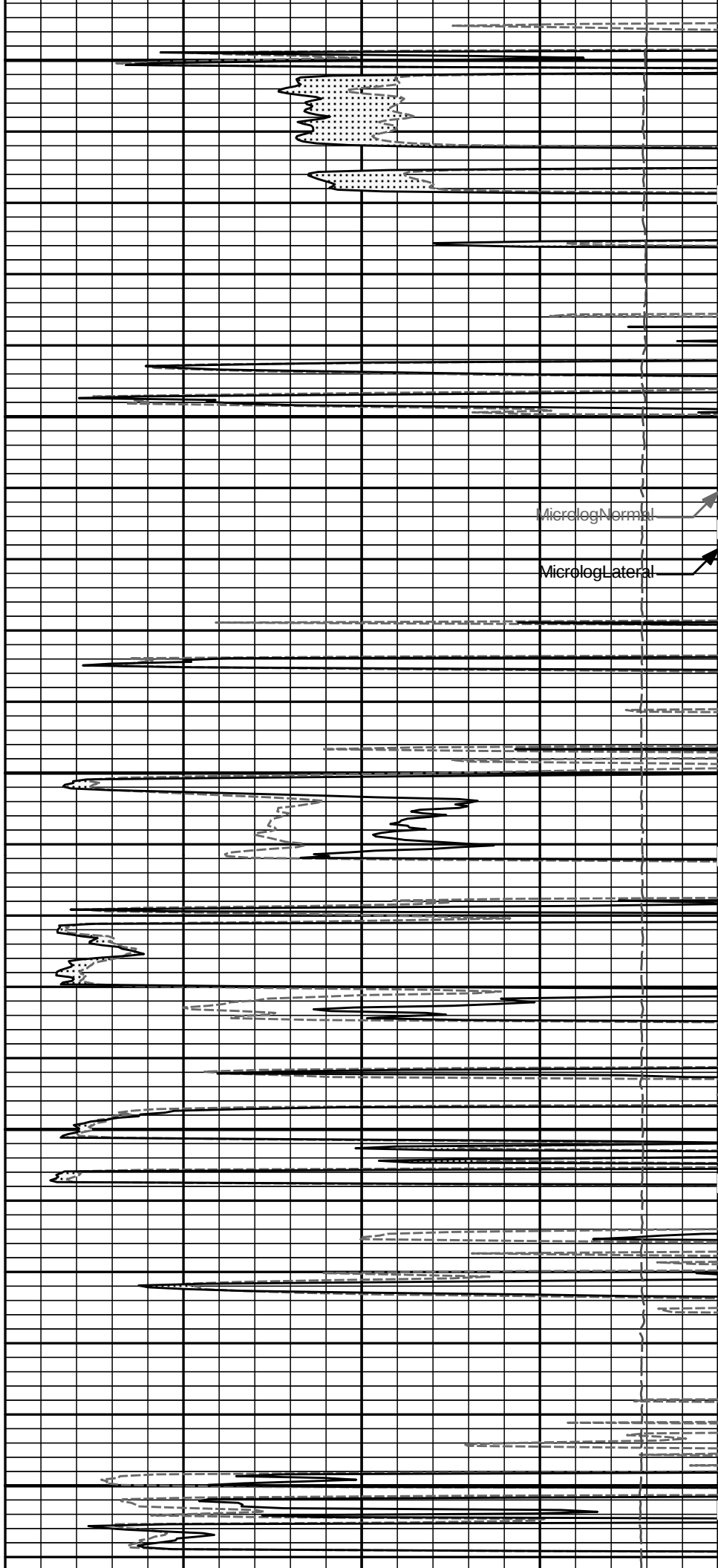
4200

Gamma API

Caliper

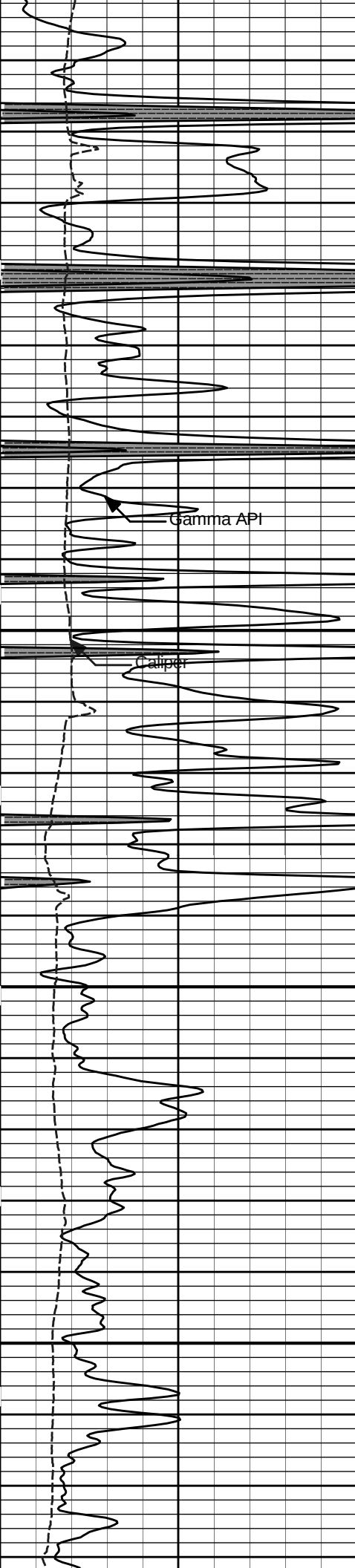
4300

4400



MicrologNormal

MicrologLateral

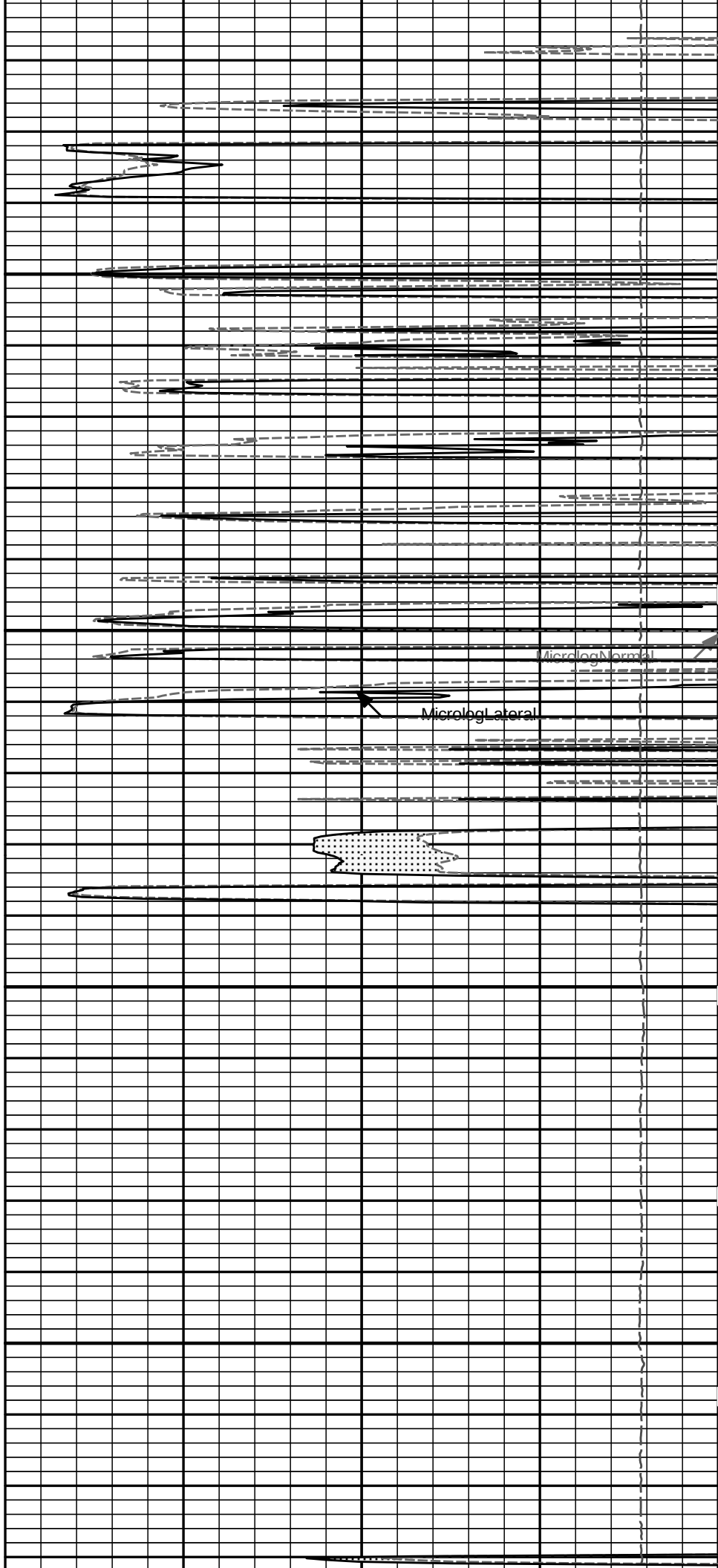


Gamma API

Caliper

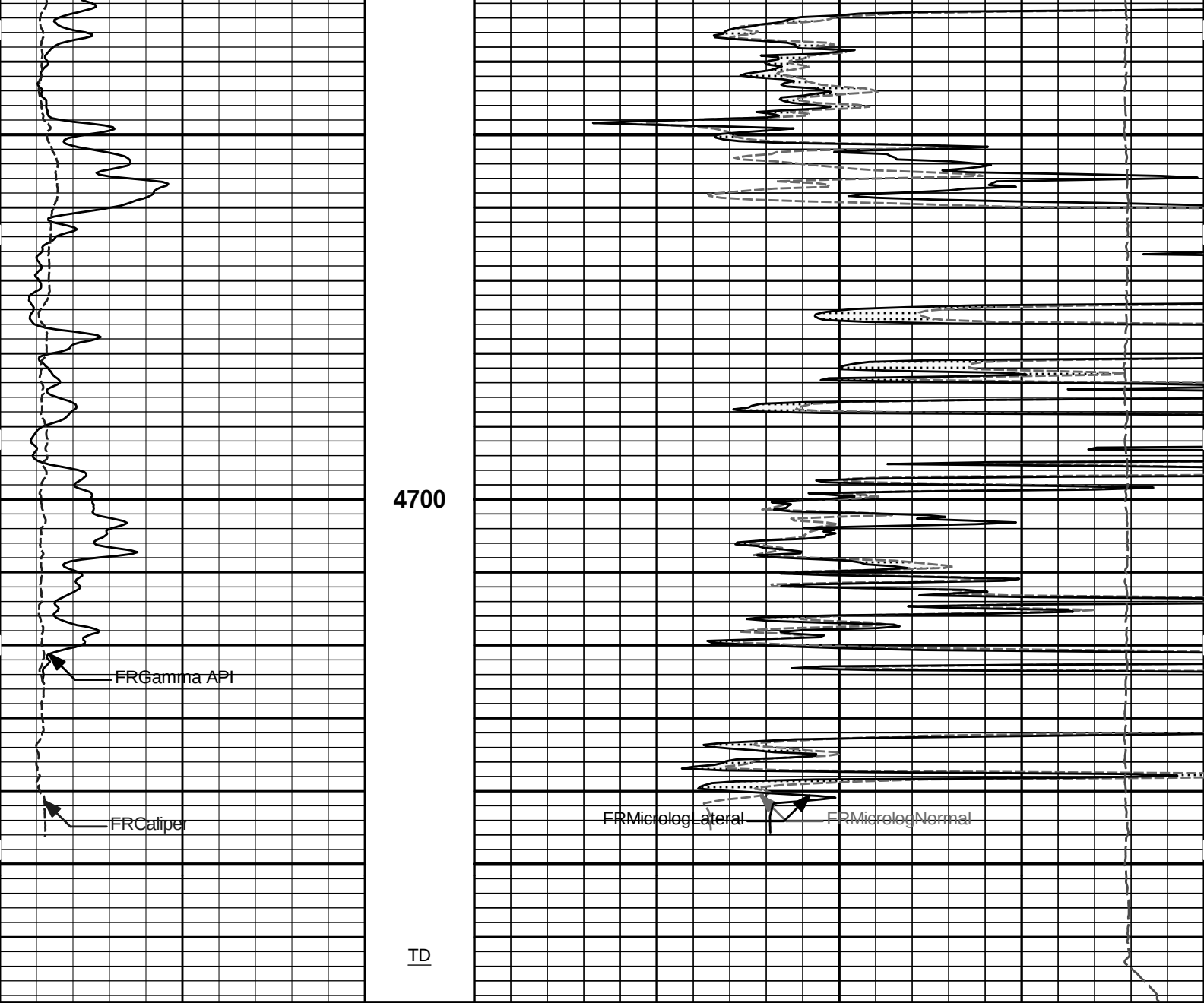
4500

4600



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	

HALLIBURTON

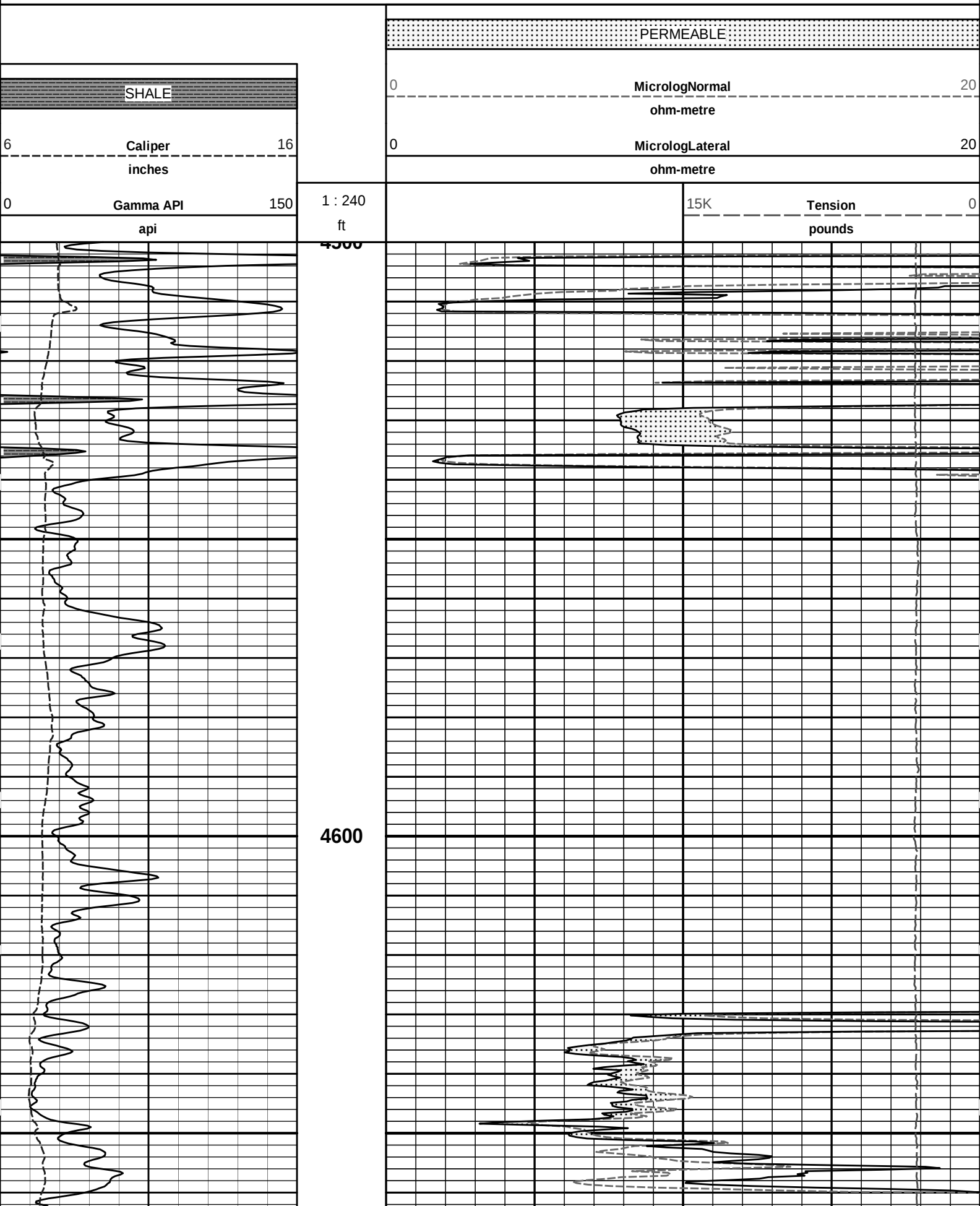
Plot Time: 14-Mar-12 08:02:47
Plot Range: 3750 ft to 4769 ft
Data: NEWBY 2-21\Well Based\DETAIL_BOTTOM\
Plot File: \\LOCAL\NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CH\MICRO\Microlog_IQ_5_main.lib

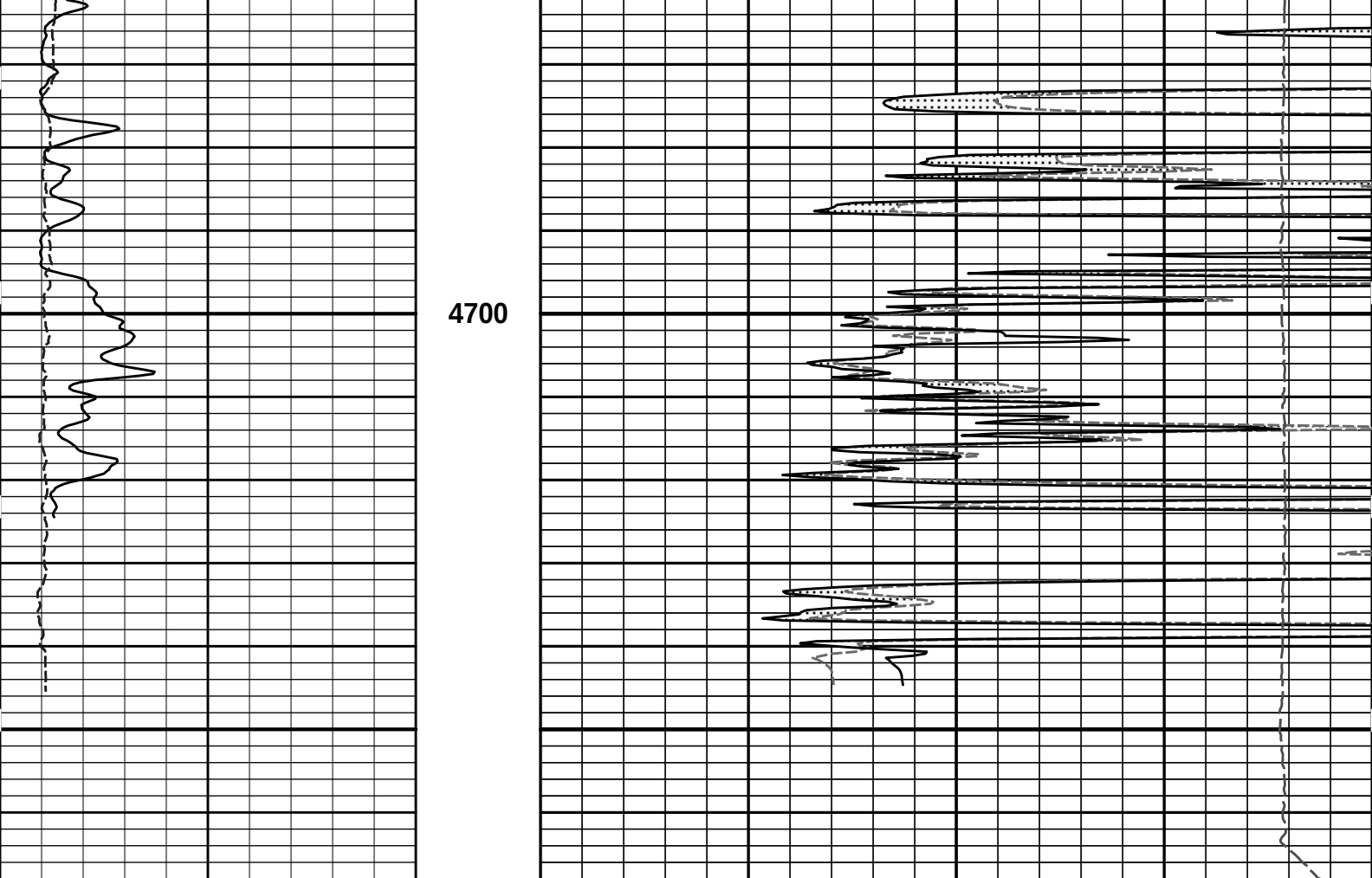
5 INCH MAIN LOG

HALLIBURTON

Plot Time: 14-Mar-12 08:02:47
Plot Range: 4500 ft to 4768.25 ft
Data: NEWBY 2-21\Well Based\REPEAT\
Plot File: \\LOCAL\NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CH\MICRO\Microlog_IQ_5_rep.lib

REPEAT SECTION





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

HALLIBURTON

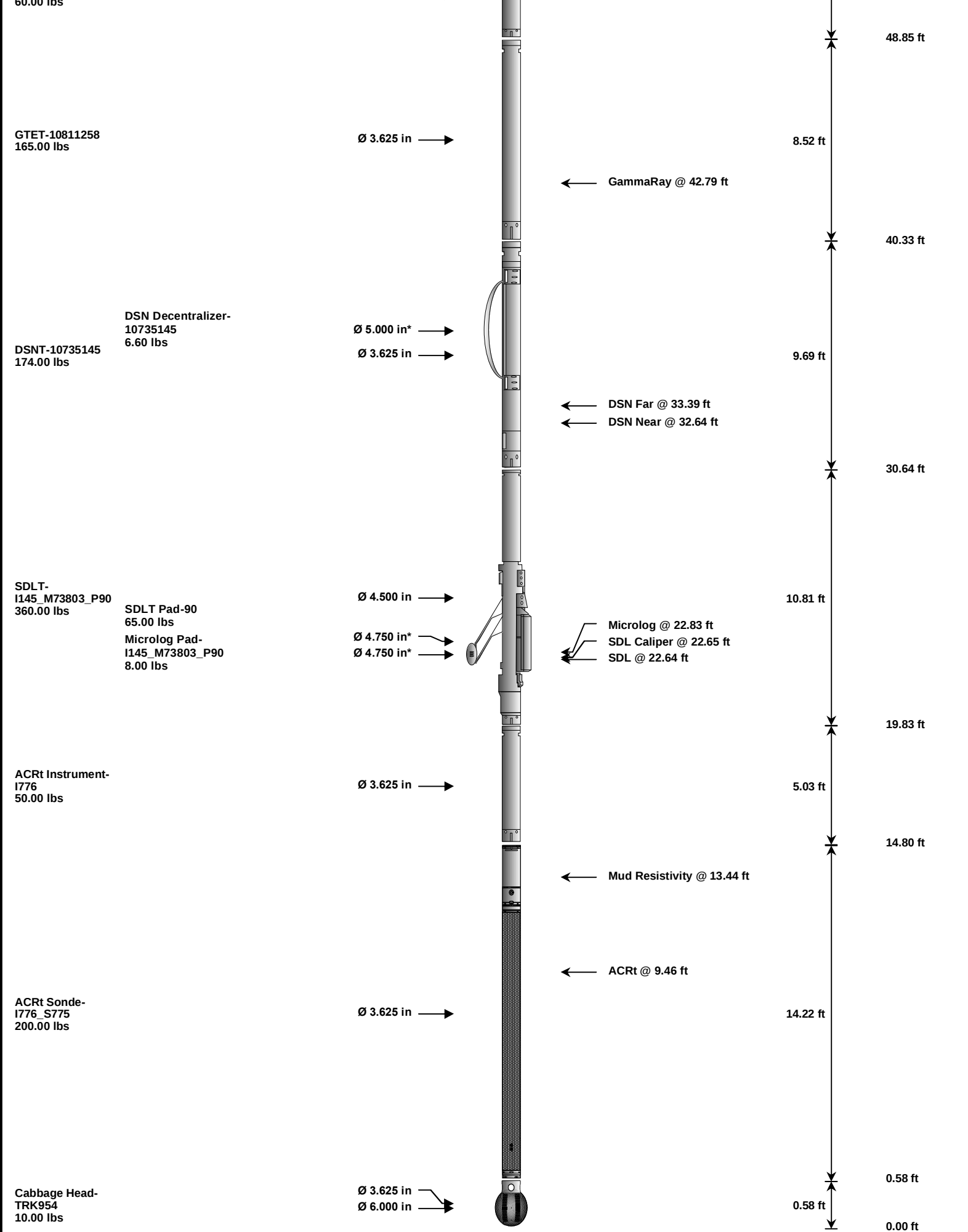
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Plot File: \\-LOCAL-NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CH\MICRO\Microlog_IQ_5_rep_lib

REPEAT SECTION

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length	
Cable Head- PROT01 30.00 lbs		Ø 3.625 in →			1.92 ft	54.51 ft	
							52.59 ft
SP Sub-PROT01 30.00 lbs		Ø 3.625 in →		← SP @ 50.81 ft	3.74 ft		



Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max.Log. Speed (fpm)
GTET-10811258	GTET-10811258	10811258	165.00	8.52	48.85	100.00
DSNT-10735145	DSNT-10735145	10735145	174.00	9.69	40.33	100.00
SDLT-I145_M73803_P90	SDLT-I145_M73803_P90	I145_M73803_P90	360.00	10.81	30.64	100.00
ACRt Instrument-I776	ACRt Instrument-I776	I776	50.00	5.03	19.83	100.00
ACRt Sonde-I776_S775	ACRt Sonde-I776_S775	I776_S775	200.00	14.22	14.80	100.00
Cabbage Head-TRK954	Cabbage Head-TRK954	TRK954	10.00	0.58	0.58	100.00

CH	Standard OH Cable Head	PROT01	30.00	1.92	52.59	300.00
SP	SP Sub	PROT01	60.00	3.74	48.85	300.00
GTET	Gamma Telemetry Tool	10811258	165.00	8.52	40.33	60.00
DSNT	Dual Spaced Neutron	10735145	174.00	9.69	30.64	60.00
DCNT	DSN Decentralizer	10735145	6.60	5.13 *	33.97	300.00
SDLT	Spectral Density Tool	I145_M73803_P90	360.00	10.81	19.83	60.00
MICP	Microlog Pad	I145_M73803_P90	8.00	1.00 *	22.33	60.00
SDLP	Density Insite Pad	90	65.00	2.55 *	22.04	60.00
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
CBHD	Cabbage Head	TRK954	10.00	0.58	0.00	300.00
Total			1,128.60	54.51		
* Not included in Total Length and Length Accumulation.						
Data: NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CH\IDLE						
Date: 14-Mar-12 04:45:16						

HALLIBURTON

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

DUAL SPACED NEUTRON SHOP CALIBRATION			
Tool Name:	DSNT - 10735145	Reference Calibration Date:	23-Jan-12 13:47:26
Engineer:	T. HYDE	Calibration Date:	27-Feb-12 13:38:46
Software Version:	WL INSITE R3.4.2 (Build 2)	Calibration Version:	1
Logging Source S/N: 954 Tank Serial Number: LIBERAL_NEUTRON Reference value assigned to Tank: 51.680 Snow Block S/N: 954 Calibration Tank Water Temperature: 67 degF Min. Tool Housing Outside Diameter: 3.600 in			

CALIBRATION CONSTANTS				
Measurement	Prev. Value	New Value	Control Limit On New Value	
Gain:	0.933	0.931	0.900 - 1.100	
WATER TANK SUMMARY (Horizontal Water Tank)				
Measurement	Current Reading (Previous Coef.)	Calibrated (New Coef.)	Change	Control Limit On Change
Porosity (decp):	0.2094	0.2088	0.0006	+/- 0.0020
Calibrated Ratio:	9.67	9.65	0.020	+/- 0.050

		VERIFIER	
Measurement		Value	Control Limit
Snow-Block Porosity (decP):		0.0624	0.02000 - 0.09000
PASS/FAIL SUMMARY			
Background Check:		Passed	
Gain-Range Check:		Passed	
Snow-Block Check:		Passed	

DENSITY CALIPER SHOP CALIBRATION			
Tool Name:	SDLT - I145_M73803_P90	Reference Calibration Date:	13-Mar-12 07:51:45
Engineer:	J. BOLLLOM	Calibration Date:	13-Mar-12 07:57:35
Software Version:	WL INSITE R3.4.2 (Build 2)	Calibration Version:	1

	CALIBRATION COEFFICIENTS				
	Measurement	Previous Value	New Value	Control Limit On New Value	
	Pad Offset	-2639.33	-2523.52	-7000.00 - -1000.00	
	Pad Gain	0.0003736	0.0003667	0.000200 - 0.000600	
	Arm Offset	-2860.63	-3477.34	-5000.00 - 3000.00	
	Arm Gain	0.0005039	0.0005744	0.000300 - 0.000700	
	Arm Power	-0.000003830	-0.000008404	-0.000010 - 0.000010	
The ring diameter is computed from: DIAMETER = PAD EXTENSION + ARM EXTENSION + TOOL DIAMETER					
Tool Diameter: 4.50 in					
	CALIBRATION RINGS				
	Measurement	Current Reading (Previous Coeff.)	Calibrated (New Coeff.)	Change	Control Limit On New Value
	PAD EXTENSION:				
	Small Ring (in)	1.99	2.00	0.01	+/- 0.20
	Medium Ring (in)	3.78	3.75	-0.03	+/- 0.20
	RING DIAMETER:				
	Small Ring (in)	6.58	6.50	-0.08	+/- 0.20
	Medium Ring (in)	8.18	8.25	0.07	+/- 0.20
	Large Ring (in)	15.05	15.00	-0.05	+/- 0.20

PASS/FAIL SUMMARY	
Calibration-Coefficients Range Check:	Passed
Ring-Measurement Check:	Passed
PASS/FAIL SUMMARY	
Calibration-Coefficients Range Check:	Passed

ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION									
Tool Name:	ACRt Sonde - I776_S775				Reference Calibration Date:	19-Jan-12 15:31:50			
Engineer:	T. HYDE				Calibration Date:	13-Mar-12 13:01:10			
Software Version:	WL INSITE R3.4.2 (Build 2)				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	1.0182	1.05	0.95	1.0238	1.05	0.95	1.0250	1.05
A2 (50")	0.95	1.0191	1.05	0.95	1.0247	1.05	0.95	1.0239	1.05
A3 (29")	0.95	1.0020	1.05	0.95	1.0070	1.05	0.95	1.0057	1.05
A4 (17")	0.95	1.0042	1.05	0.95	1.0078	1.05	0.95	1.0098	1.05
A5 (10")	N/A	N/A	N/A	0.95	1.0196	1.05	0.95	1.0218	1.05
A6 (6")	N/A	N/A	N/A	0.95	1.0200	1.05	0.95	1.0226	1.05

A0 (0")	N/A	N/A	N/A	0.93	1.0299	1.03	0.93	1.0320	1.03
TYPICAL SONDE OFFSET RANGE									
Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	-5	-1.736	2	-6	-4.151	-2	-8	-4.087	-2
A2 (50")	-7	-3.028	-1	-6	-4.236	-2	-7	-4.272	-2
A3 (29")	-27	-14.459	-9	-9	-4.439	-3	-7	-2.628	-1
A4 (17")	-180	-101.693	-60	-45	-31.226	-15	-39	-24.236	-13
A5 (10")	N/A	N/A	N/A	-150	-119.327	-50	-80	-54.577	-10
A6 (6")	N/A	N/A	N/A	175	286.532	525	90	141.850	270
TRANSMITTER CURRENT GAIN					R-MUD VERIFICATION				
Signal	Lower	R	Upper	Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)		
12K	0.6	0.8630	1.3	Mud Cell	0.95	0.991	1.05		
36K	1.0	1.1828	2.0						
72K	1.0	1.4604	2.0						
SPECTRAL DENSITY SHOP CALIBRATION									
Tool Name:	SDLT Pad - 90				Reference Calibration Date:	27-Feb-12 11:07:59			
Engineer:	T. HYDE				Calibration Date:	27-Feb-12 11:25:47			
Software Version:	WL INSITE R3.4.2 (Build 2)				Calibration Version:	1			
Logging Source S/N: 5073GW									
Aluminum Block S/N: LIBERAL				Density: 2.598g/cc			Pe: 3.170		
Magnesium Block S/N: LIBERAL				Density: 1.684g/cc			Pe: 2.598		
DENSITY CALIBRATION SUMMARY									
Measurement		Previous Value		New Value		Control Limit			
Near Bar Gain		0.9856		0.9682		0.90 - 1.10			
Near Dens Gain		0.9885		0.9615		0.90 - 1.10			
Near Peak Gain		0.9735		0.9585		0.90 - 1.10			
Near Lith Gain		0.9731		0.9312		0.90 - 1.10			
Far Bar Gain		1.0029		1.0019		0.90 - 1.10			
Far Dens Gain		0.9915		0.9920		0.90 - 1.10			
Far Peak Gain		0.9841		0.9845		0.90 - 1.10			
Far Lith Gain		0.9542		0.9507		0.90 - 1.10			
Near Bar Offset		0.3137		0.4689		NONE			
Near Dens Offset		0.2724		0.5100		NONE			
Near Peak Offset		0.3884		0.5102		NONE			
Near Lith Offset		0.3734		0.7177		NONE			
Far Bar Offset		0.0764		0.0851		NONE			
Far Dens Offset		0.1574		0.1521		NONE			
Far Peak Offset		0.1642		0.1606		NONE			
Far Lith Offset		0.3045		0.3323		NONE			
Near Bar Background		888.26		884.21		700 - 1450			
Near Dens Background		294.87		292.50		230 - 480			
Near Peak Background		128.25		129.52		100 - 210			
Near Lith Background		157.60		157.77		125 - 260			
Far Bar Background		596.35		593.58		450 - 900			
Far Dens Background		234.07		233.79		175 - 345			
Far Peak Background		92.13		93.24		70 - 140			

CALIBRATION BLOCK SUMMARY				
Measurement	Current Reading (Previous Coef)	Calibrated (New Coef)	Change	Control Limit On Change
MAGNESIUM				
Density (g/cc)	1.688	1.684	-0.004	+/- 0.015
Pe	2.517	2.555	0.038	+/- 0.150
ALUMINUM				
Density (g/cc)	2.597	2.598	0.001	+/- 0.01500
Pe	3.140	3.124	-0.016	+/- 0.150

TOOL SUMMARY				
Measurement	Near Detector		Far Detector	
	Value	Control Limits	Value	Control Limits
QUALITY				
Background	0.0017	+/- 0.0110	0.0029	+/- 0.0140
Magnesium Block	-0.0007	+/- 0.0110	-0.0011	+/- 0.0140
Aluminum Block	0.0006	+/- 0.0110	0.0010	+/- 0.0140
Resolution	8.97	6.00 - 11.50	9.18	6.00 - 11.50
Internal Verifier(B+D+P+L)	1464	1200 - 2700	1019	800 - 1700

PASS/FAIL SUMMARY	
Background Quality Check:	Passed
Background Range Check:	Passed
Background Resolution Check:	Passed
Background Verification Check:	Passed
Magnesium Quality Check:	Passed
Aluminum Quality Check:	Passed
Gains Check:	Passed
Changes in Calibration Blocks:	Passed

MICRO LOG SHOP CALIBRATION			
Tool Name:	Microlog Pad - I145_M73803_P90	Reference Calibration Date:	13-Jan-12 12:43:35
Engineer:	J. BOLLLOM	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		Units
	Measured	Calibrated	Measured	Calibrated	
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

CALIBRATION SUMMARY						
Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-10811258						
Gamma Ray Calibrator	232.0	-----	-----	0.0	+/- 9.00	api
DSNT-10735145						
Snow-Block Porosity	0.0624	-----	-----	0.0000	+/- -.--	decP
SDLT-I145_M73803_P90						
Pad Extension	3.75	-----	-----	0.00	+/-0.20	in
Ring Diameter	8.25	-----	-----	0.00	+/-0.20	in
ACRt Sonde-I776_S775						
Mud Cell	0.991	-----	-----	0.000	-----	ohm-m
SDLT Pad-90						
Near(B+D+P+L)	1464.003	-----	-----	0.000	+/-13.496	cps
Far(B+D+P+L)	1018.591	-----	-----	0.000	+/-15.424	cps
Microlog Pad-I145_M73803_P90						
MicroLog Normal	19.93	-----	-----	0.00	-----	ohmm
MicroLog Lateral	19.99	-----	-----	0.00	-----	ohmm
Data: NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CHIDLE					Date: 14-Mar-12 04:48:03	

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	9.300	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	4770.00	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	DSNO	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	
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: NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CHIDLE			Date: 14-Mar-12 04:47:25	

HALLIBURTON				
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	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
GRV	Natural Gamma Ray Volume API	42.79	NO	

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	22.65	NO	
PCAL	Pad Caliper	22.65	TRI	0.250
ACAL	Arm Caliper	22.65	TRI	0.250
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

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	
SDLT Pad				
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	22.04	NO	
FHV	Far Detector High Voltage	22.04	NO	
ITMP	Instrument Temperature	22.04	NO	
DDHV	Detector High Voltage	22.04	NO	
Microlog Pad				
TPUL	Tension Pull	22.83	NO	
MINV	Microlog Lateral	22.83	BLK	0.750
MNOR	Microlog Normal	22.83	BLK	0.750
Data: NEWBY 2-21\0001 SP-GTET-DSNT-SDLT-ACRT-CHIDLE			Date: 14-Mar-12 04:47:00	

COMPANY	BEREXCO INC.
WELL	NEWBY 2-21
FIELD	EVA SOUTH

COUNTY	SCOTT	STATE	KANSAS
HALLIBURTON	MICROLOG		