Company: **Orig**

Well: **Tref**
Field: **Tref**
Rig: **ENS**

MDT
Modu
Com

Rig:	ENSCO 102
Field:	Trefoil
Location:	GDA94 Zone 55
Well:	Trefoil−1
Company:	Origin Energy Resources Ltd.

LOCATION

GDA94
Northin
Easting

Perma
Log Me
Drilling

State
Tasma

Logging Date	
Run Number	
Depth Driller	
Schlumberger Depth	
Bottom Log Interval	
Top Log Interval	
Casing Driller Size @ Depth	
Casing Schlumberger	
Bit Size	
Type Fluid In Hole	

MUD

Density	Viscosity
Fluid Loss	PH
Source Of Sample	

RM @ Measured Temperatur	
RMF @ Measured Temperatu	
RMC @ Measured Temperatu	
Source RMF	RMC
RM @ MRT	RMF @ M
Maximum Recorded Tempera	
Circulation Stopped	
Logger On Bottom	
Unit Number	Locati
Recorded By	
Witnessed By	

Schlumberger

in Energy Resources Ltd.

oil−1
oil
CO 102 Country: **Australia**

−GR
ular Dynamics Tester
bined Sampling and Pretest Print

4 Zone 55	Elev.:	K.B.	39.9 m
gs 5,586,346 m		G.L.	−68.9 m
gs 361,028 m		D.F.	39.9 m

nent Datum:	Mean Sea Level	Elev.:	0 m
easured From:	Drill Floor (RT)	39.9 m	above Perm. Datum
Measured From:	Drill Floor (RT)		

:	Max. Well Deviation	Longitude	Latitude
nia	0.67 deg	145 22' 30.87"E	39 51' 41.58"S

	Run 1	Run 2	Run 3	Run 4
Logging Date				
Run Number				
Depth Driller				
Schlumberger Depth				
Bottom Log Interval				
Top Log Interval				
Casing Driller Size @ Depth	@		@	
Casing Schlumberger				
Bit Size				
Type Fluid In Hole				
MUD Density / Viscosity				
MUD Fluid Loss / PH				
MUD Source Of Sample				
RM @ Measured Temperature	@		@	
RMF @ Measured Temperature	@		@	
RMC @ Measured Temperature	@		@	
Source RMF / RMC				
RM @ MRT / RMF @ MRT	@	@	@	@
Maximum Recorded Temperatures				
Circulation Stopped / Time				
Logger On Bottom / Time				
Unit Number / Location				
Recorded By				
Witnessed By				

	25−Nov−2004				
	Suite−1, Run 5				
	3545.1 m				
	3528.3 m				
	3524 m				
	2926 m				
	9.625 in @ 2421 m		@		
	2420.1 m				
	8.500 in				
	Seawater/Drispac/Soltex				
	9.4 lbm/gal	49 s			
	3.8 cm3	9.3			
	Flowline				
e	0.206 ohm.m @ 25 degC		@		
re	0.174 ohm.m @ 25 degC		@		
re	0.280 ohm.m @ 25 degC		@		
	Pressed	Pressed			
MRT	0.069 @ 117	0.058 @ 117	@	@	
tures	128 degC				
Time	24−Nov−2004	0:45			
Time	29−Nov−2004	11:50			
on	571	AUSL			
	J. Robertson/C. Bassignana/M.Webb				
	Dave Cohen/Mark Tindale				

DEPTH SUMMARY LISTING

Date Created: 7−DEC−2004 9:29:10

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW−B	Type:	CMTD−B/A	Type:	7−46ZV−XS
Serial Number:	1914	Serial Number:	2336	Serial Number:	74172
Calibration Date:	24−Mar−2004	Calibration Date:	28−Apr−2004	Length:	7324.04 M
Calibrator Serial Number:	9	Calibrator Serial Number:	1051	Conveyance Method:	Wireline
Calibration Cable Type:	7−46V−XS	Calibration Gain:	0.87	Rig Type:	Offshore_Fixed
Wheel Correction 1:	−5	Calibration Offset:	115.00		
Wheel Correction 2:	−5				

Depth Control Parameters

Log Sequence: Subsequent Log In the Well

Reference Log Name: SP−HRLA−PEX−CMR−GR Nuclear Resistivity Pri
Reference Log Run Number: Suite−1, Run1
Reference Log Date: 24−Nov−2004

Depth Control Remarks

1. Subsequent Run in Hole. Log correlated to Schlumberger SP−HRLA−PEX−CMR−GR log, dated 24−Nov−0
2. Primary depth reference IDW−E.
3. Several correlation passes completed during the run. Depth adjustments made in real time between stations.
4. See correlation passes presented in print for on depth Gamma Ray correlations.
5.
6.

DISCLAIMER
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OTHER SERVICES1
OS1: SP−HRLA−PEX−CMR−G
OS2: VSI−GR
OS3: MSCT−GR
OS4: FMI−DSI−HNGS
OS5:

REMARKS: RUN NUMBER 1
Subsequent Run in Hole. Full Schlumberger depth procedures applied − see Depth Summary Listing above.
Toolstring run as per tool sketch.
Objective of survey was to fill 5x450cc MRPS bottles, 1x250cc SPMC bottles and conduct extra formation pressure pretests.
Additional points were tested for formation pressure and fluid type using LFA.
TD was recorded as 3528.3m after accounting for stretch.
Tool failure noticed at 2300m upon initial RIH. Tool pulled to surface and LFA module 8090 replaced with back up LFA 8030.
The pressure probe was set 38 times: sampling was conducted at 6 points, fluid analysis at an additional 7 points.
An extra 25 pretests were attempted: 6 were convential pretests, 12 were possibly tight formations,
two showed possibly supercharted formation pressures, two showed very unstable formation pressures and 3 were lost seals.
Files in this print are sorted on the basis of increasing depth.
Resistivity plots are displayed only for those points where fluid analysis or sampling was conducted.
Station log was stopped prematurely at 3157.2m, hydrostatic and formation pressures obtained during acquisition.
In the pretest summary, pretests should be referenced via depth and file number (due to software, test numbers are unreliable).
Maximum hole deviation from Sperry Sun Survey.
Maximum recored temperature was 128degC from thermometers in logging head.
Mud data taken from Baroid Mud Report, 23−NOV−2004, from flowline sample taken at 20:00.
Additional mud data: PV/YP = 49degC/51lbs/100ft2, Gels = 3/4/7 lbs/100ft2, LGS/HGS = 5.0/0.9%.

RUN 1

RUN 1

SERVICE ORDER #:
PROGRAM VERSION: 12C0−301
FLUID LEVEL: 0 m

EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

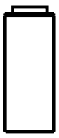
MRPP−AA 98
GSR−U 2003
WITM (CTS)−A 964

DOWNHOLE EQUIPMENT

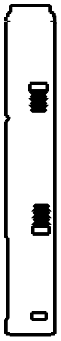
LEH−QT 18.82
LEH−QT 1519

TCC−BF 17.93
ECH−KC 360
TCC−BF 181
TelStatus 16.58

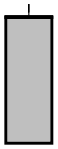
SGT−L 17.01
Gamma Ray 16.30
SGH−K 508
SGC−SA 367
SGD−TAA 2354



MRPC−CA 15.34
MRPC−CA 229
PC 13.39



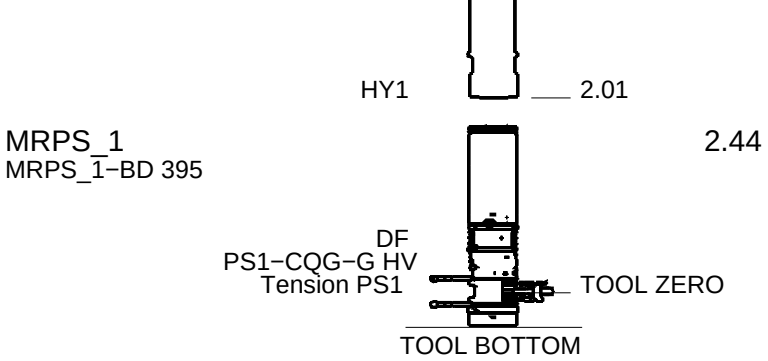
MRMS_1−CA 216 13.82
BOTT_6−AA 316
BOTT_5−AA 501
BOTT_4−AA 257
BOTT_3−AA 494
BOTT_2−AA 310
BOTT_1−AA 485
MRMS_1−CA 216
MS1 9.37



LFA 9.80
MRFA−EA 8030
FA−BA 7.82

MRPO_UD 8.25
MRPOUD−DU−AA 309
MRPOUD−CA 309
POUD 4.58

MRHY_1 5.01
MRHY_1−BA 391



MAXIMUM STRING DIAMETER 4.75 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: Origin Energy Resources Ltd.
Drawing Date: 12/2/2004
Well: Trefoil−1
Field: Trefoil
Rig Name: ENSCO 102
State: Tasmania
Reference Datum: Mean Sea Level
Country: Australia
Elevation: 39.6 m

Production String	(in) OD	(in) ID	(m) MD	Well Schematic	(m) MD	(in) OD	(in) ID	Casing String
					0.0	36.000		Borehole Segment
					0.0	30.000		Casing String, 310 lb/ft
					142.6	30.000		Casing Shoe
					142.6	26.000		Borehole Segment
					0.0	20.000		Casing String, 133 lb/ft
					214.6	20.000		Casing Shoe
					214.6	16.000		Borehole Segment
					0.0	13.375		Casing String, 54.5 lb/ft
					659.6	13.375		Casing Shoe
					659.6	12.250		Borehole Segment
					0.0	9.625		Casing String, 43.5 lb/ft
					2421.0	9.625		Casing Shoe
					2421.0	12.250		Borehole Segment Bottom
					2421.0	8.500		Borehole Segment

					3545.1	8.500		Borehole Segment Bottom

Client: Origin Energy Resources Ltd.
Field: Trefoil
Well: Trefoil−1
Run date: 25−Nov−2004

Tool: MRPS_1−
Probe Type: Large−diameter probe
Gauge: BQP1
Gauge Resolution: 0.010 psi

Test	File	Depth M	TVD M	Drawdown Mobility MD/CP	Mud Pressure Before PSIA	Mud Pressure After PSIA	Last read build−up Pres PSIA	Formation Pressure PSIA	Test Type
35	289	3084.96	3084.96	7.53	4947.75	4946.56	4389.24	4389.24	Volumetric Limited draw−down
37	290	3054.46	3054.46	0.44	4898.93	4898.58	4360.58	4360.58	Volumetric Limited draw−down
39	291	3045.95	3045.95	8.41	4885.39	4885.50	4306.13	4306.13	Volumetric Limited draw−down
40	292	3027.97	3027.97	24.54	4857.50	4856.42	4286.10	4286.10	Normal Pretest
41	294	2999.20	2999.20	69.92	4810.16	4810.07	4222.38	4222.38	Normal Pretest
42	295	2995.00	2995.00	62.27	4803.63	4803.60	4222.14	4222.14	Normal Pretest
43	296	2988.02	2988.02	159.67	4792.80	4793.36	4215.20	4215.20	Normal Pretest
45	299	2991.53	2991.53	5.22	4798.04	4798.47	4220.60	4220.60	Volumetric Limited draw−down
47	301	2985.97	2985.97	9.52	4789.96	4789.99	4219.92	4219.92	Volumetric Limited draw−down
49	302	2959.05	2959.05	213.82	4747.80	4747.70	4162.79	4162.79	Volumetric Limited draw−down
51	303	2959.05	2959.05	173.01	4747.76	4747.31	4162.86	4162.86	Volumetric Limited draw−down
53	304	2933.02	2933.02	23.52	4706.85	4707.08	4142.50	4142.50	Volumetric Limited draw−down
55	306	3149.48	3149.48	3.33	5046.30	5046.46	4503.73	4503.73	Volumetric Limited draw−down
57	307	3149.30	3149.30	4.67	5046.29	5046.40	4490.13	4490.13	Volumetric Limited draw−down
59	308	3138.28	3138.28	5.01	5029.32	5029.42	4491.48	4491.48	Volumetric Limited draw−down
61	311	2925.98	2925.98	31.17	4694.41	4694.38	4132.30	4132.30	Volumetric Limited draw−down

Client: Origin Energy Resources Ltd.
Field: Trefoil

Tool: MRPS_1−
Probe Type: Large−diameter probe

Well: Trefoil−1 **Gauge:** BQP1

Run date: 25−Nov−2004 **Gauge Resolution:** 0.010 psi

Test	File	Depth M	TVD M	Drawdown Mobility MD/CP	Mud Pressure Before PSIA	Mud Pressure After PSIA	Last read build−up Pres PSIA	Formation Pressure PSIA	Test Type
1	258	3524.04	3524.04		5631.63	5630.87	2746.62	2746.62	Dry Test
3	259	3514.01	3514.01		5615.42	5615.07	5197.18	5197.18	Dry Test
5	260	3482.99	3482.99	1.75	5567.23	5566.77	5095.75	5095.75	Volumetric Limited draw−down
6	261	3435.04	3435.04		5492.37	5492.22	932.32	932.32	Dry Test
8	262	3434.02	3434.02		5491.01	5490.73			Lost Seal
9	263	3434.02	3434.02		5490.79	5490.69	974.45	974.45	Dry Test
10	264	3433.98	3433.98		5491.02	5490.91		5438.33	Dry Test
11	265	3433.82	3433.82		5490.87	5490.82	5097.40	5097.40	Dry Test
12	266	3434.21	3434.21		5491.51	5491.34	350.20	350.20	Dry Test
−1	267								Unrecognizable
13	268	3432.01	3432.01		5488.21	5488.02	5196.06	5196.06	Dry Test
14	272	3388.50	3388.50		5420.89	5420.49	5194.92	5194.92	Dry Test
15	273	3388.67	3388.67	2.75	5420.98	5433.20	4879.49	4879.49	Volumetric Limited draw−down
17	277	3155.20	3155.20	0.61	5058.27	5057.80	4884.17	4884.17	Volumetric Limited draw−down
18	278	3157.19	3157.19		5061.24	5061.16		5061.17	Lost Seal
23	281	3149.02	3149.02		5048.82	5062.89		5049.41	Lost Seal
25	282	3146.99	3146.99	30.28	5045.88	5045.64	4490.49	4490.49	Volumetric Limited draw−down
27	284	3106.99	3106.99		4983.21	4983.15	2575.50	2575.50	Dry Test
29	285	3106.82	3106.82	2.15	4982.86	4982.55	4406.64	4406.64	Volumetric Limited draw−down
31	286	3100.55	3100.55	3.03	4972.93	4972.09	4396.94	4396.94	Volumetric Limited draw−down
32	287	3096.95	3096.95	6.80	4966.75	4966.41	4400.35	4400.35	Volumetric Limited draw−down
33	288	3095.02	3095.02	74.82	4963.56	4963.34	4386.14	4386.14	Volumetric Limited draw−down

Schlumberger Sampling Summary

Client: Origin Energy Resources Ltd.
Well: Trefoil−1
Tool: MRPS_1, serial no. 395
Probe type: Large diameter probe
Sample types: MPSR 450cc, SPMC 250cc

Depth (M)	File	Expected Content	Volume (CC)	MRMS (#)	MPSR/SPMC (#)	Slot	Comment
2933.0	304	Gas/Water	450	216	316	6	Single sample
2988.0	296	Water/Gas	450	216	501	5	Single sample
2999.2	294	Water/Gas	450	216	494	3	Single sample
3028.0	292	Water/Gas	450	216	310	2	Single sample
3100.5	286	Water/Gas	450	216	485	1	Sample not recovered
3388.7	273	Water	250	216	257	4	Single sample

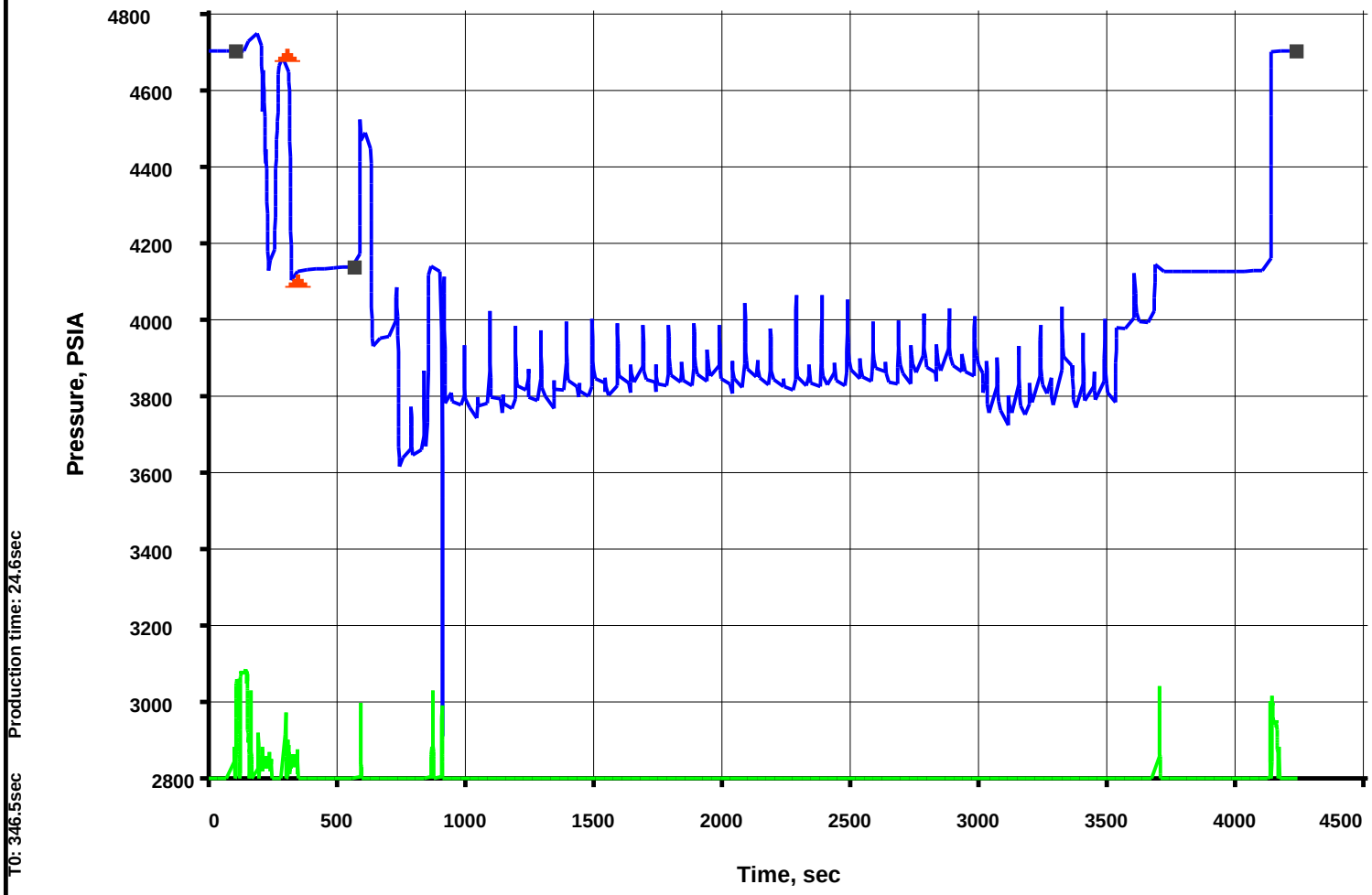
Schlumberger

Fluid analysis and pump out
2926.0 mMD

MAXIS Field Log

File 311 Depth, M: 2925.98 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4694.41
Mud Pressure after test, PSIA:	4694.38
Last build−up pressure, PSIA:	4132.3
Draw−down mobility, md/cp:	13.2



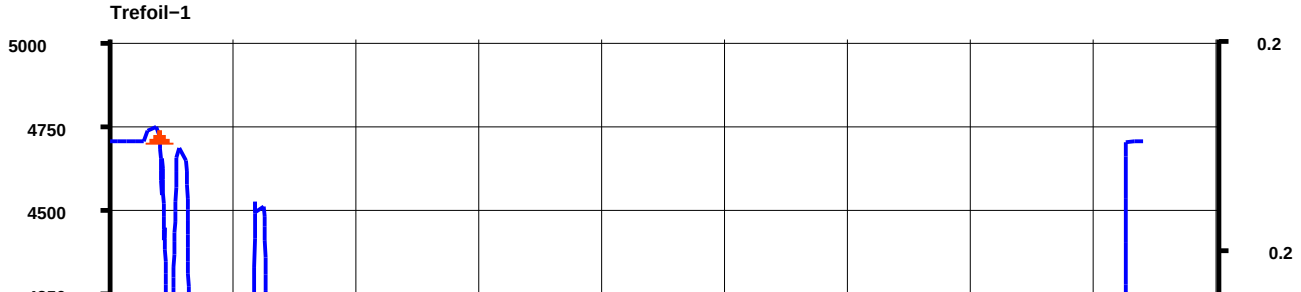
Pretest Volume: 9.9 cc − MRPS_1− BQP1 Resolution: 0.010psi

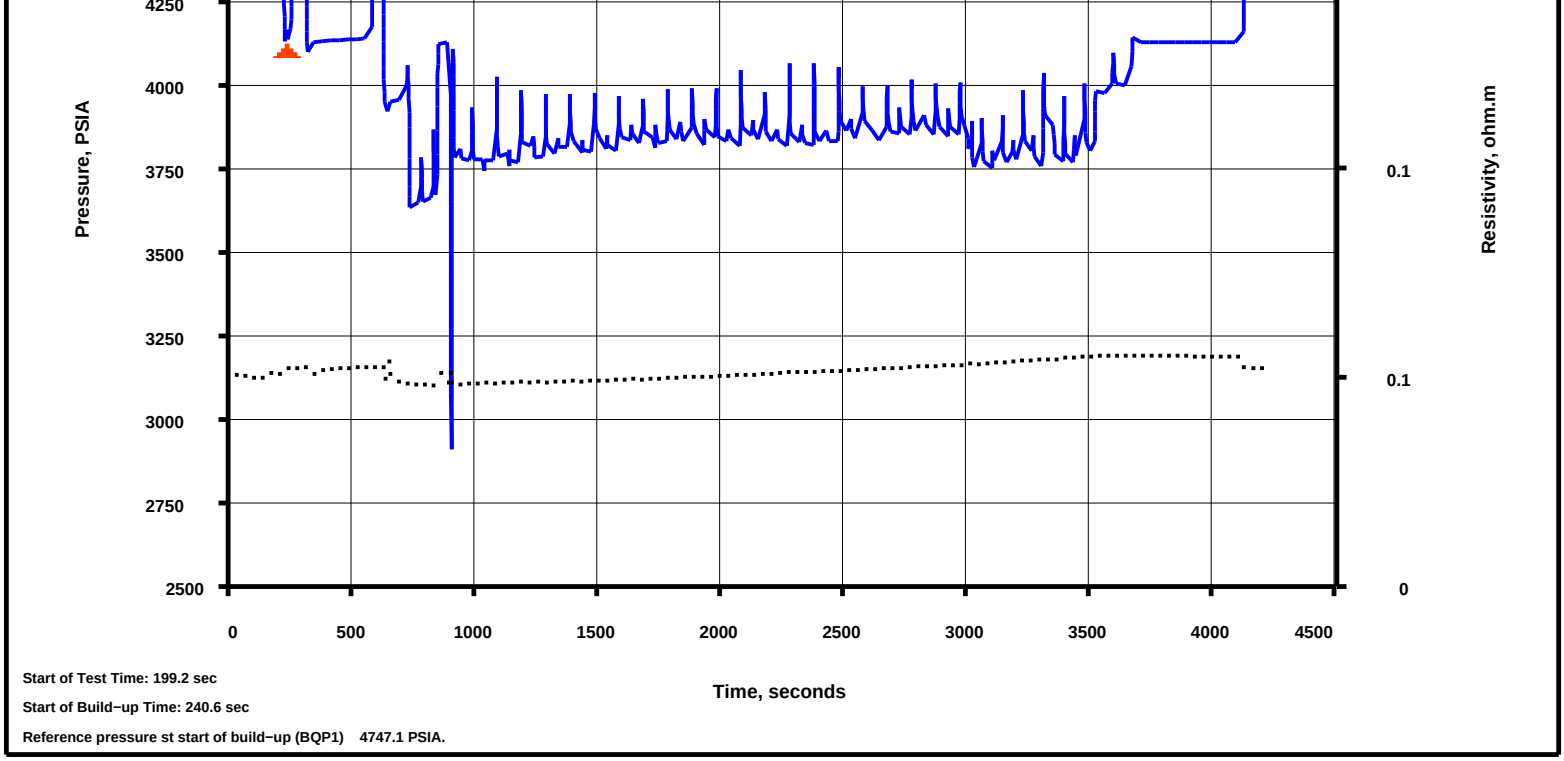
File 311

25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1





Input DLIS Files

DEFAULT	MDT_OFA_311LTP	FN:498	PRODUCER	02−Dec−2004 11:13	2926.0 M	10.8 M

Output DLIS Files

DEFAULT	MDT_OFA_091PTP	FN:90	PRODUCER	06−Dec−2004 13:19	2926.0 M	10.8 M

Elapsed Time (s)	Event Summary
4122.0	Retract Single Probe Module (MRPS) 1
3670.8	Pumping Stopped 33345.0 C3 Dual Up−down Pumpout Module (MRPOUD)
910.8	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
896.4	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
879.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
860.7	Probe Set @ 2926.0 M Single Probe Module (MRPS) 1
851.1	Pumping Stopped 1755.0 C3 Dual Up−down Pumpout Module (MRPOUD)
626.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
305.1	Vert Pretest 9.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
199.2	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
120.9	Probe Set @ 2926.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

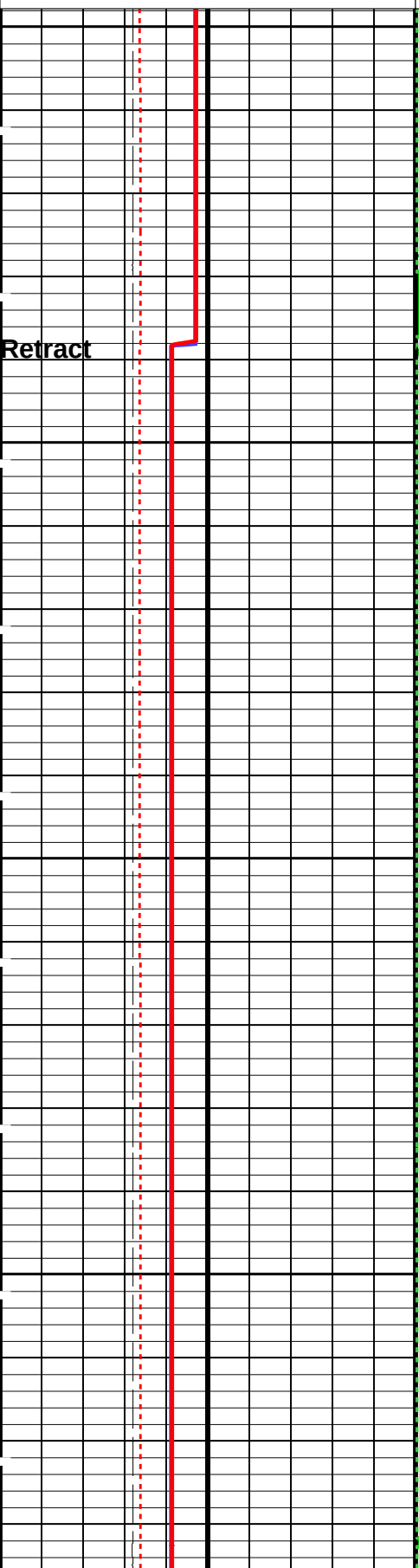
Time Mark Every 60 S

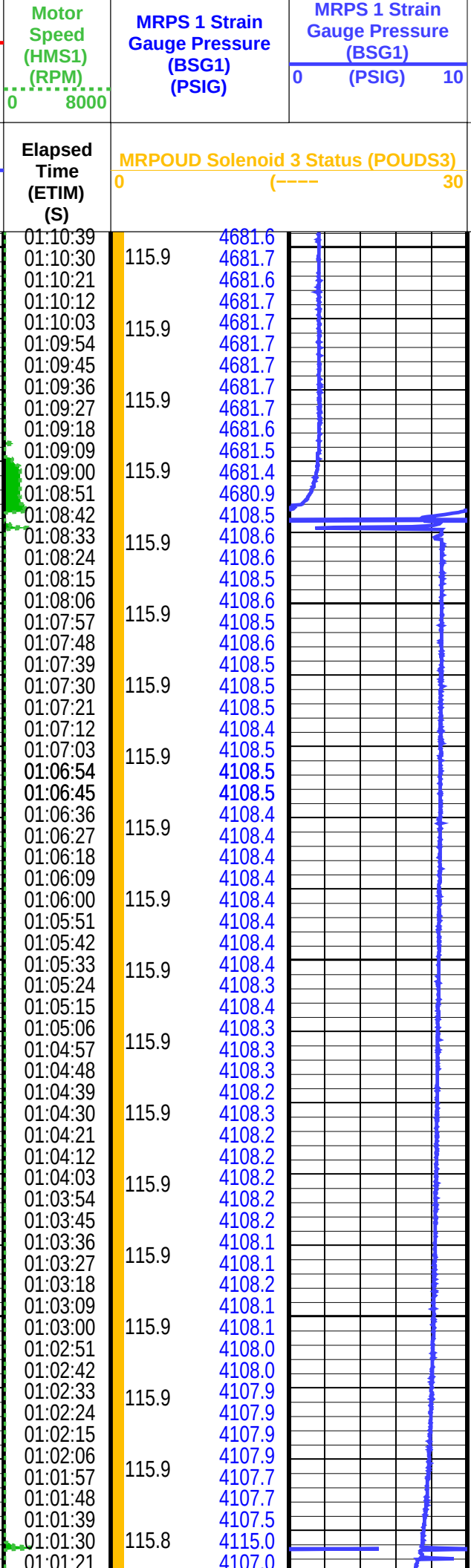
MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

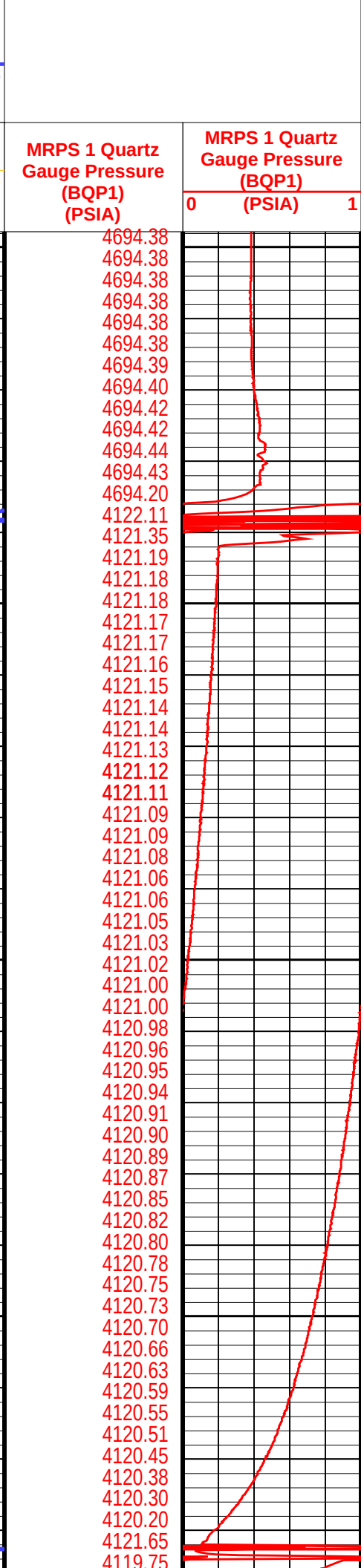
MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

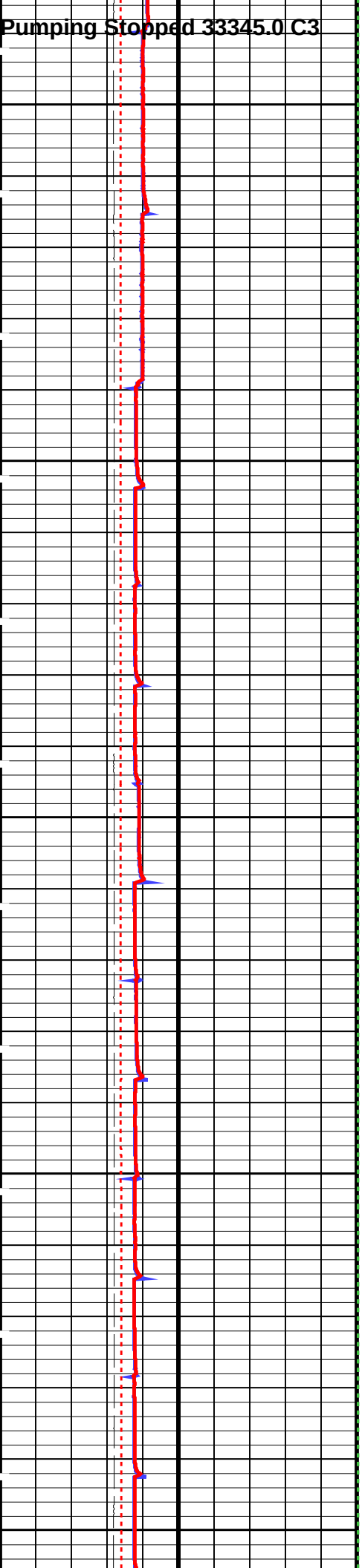
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRHY 1


MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000
Retract


Motor Speed (HMS1) (RPM)
0 8000
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10
Elapsed Time (ETIM) (S)
MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30


MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



01:01:12		4126.6	4115.17
01:01:03	115.8	3985.1	3993.06
01:00:54		3969.3	3988.98
01:00:45		3968.4	3989.18
01:00:36		3970.1	3990.30
01:00:27	115.8	3978.6	3988.65
01:00:18		3974.7	3991.66
01:00:09		3990.3	3999.35
01:00:00	115.9	3999.6	4021.85
00:59:51		3971.2	3980.54
00:59:42		3958.3	3971.18
00:59:33	115.9	3967.5	3975.54
00:59:24		3971.4	3974.04
00:59:15		3968.2	3973.72
00:59:06		3964.8	3971.92
00:58:57	115.9	3954.7	3974.67
00:58:48		3955.6	3974.08
00:58:39		3871.8	3789.72
00:58:30	115.9	3779.7	3792.31
00:58:21		3785.1	3797.10
00:58:12		3791.0	3803.79
00:58:03	115.9	3826.0	3841.50
00:57:54		3760.6	3778.06
00:57:45		3761.6	3777.88
00:57:36		3763.4	3775.56
00:57:27	115.9	3765.0	3778.08
00:57:18		3798.5	3818.41
00:57:09		3753.1	3767.16
00:57:00	115.9	3754.0	3766.14
00:56:51		3761.1	3773.51
00:56:42		3764.5	3783.15
00:56:33	115.9	3754.1	3774.31
00:56:24		3757.6	3769.39
00:56:15		3755.7	3768.71
00:56:06		3752.3	3766.62
00:55:57	115.8	3772.0	3782.97
00:55:48		3861.8	3877.05
00:55:39		3872.0	3886.68
00:55:30	115.9	3869.5	3882.12
00:55:21		3882.2	3890.44
00:55:12		3965.6	4015.12
00:55:03	115.9	3748.4	3754.90
00:54:54		3750.4	3763.66
00:54:45		3752.7	3765.53
00:54:36		3765.0	3781.15
00:54:27	115.9	3788.1	3799.08
00:54:18		3790.3	3805.07
00:54:09		3792.1	3803.97
00:54:00	115.9	3808.4	3820.72
00:53:51		3848.2	3876.84
00:53:42		3759.0	3769.54
00:53:33	115.9	3759.0	3770.84
00:53:24		3761.0	3773.33
00:53:15		3772.0	3784.98
00:53:06		3766.5	3738.79
00:52:57	115.9	3744.6	3756.96
00:52:48		3740.2	3747.78
00:52:39		3760.9	3768.89
00:52:30	115.9	3757.6	3771.75
00:52:21		3735.6	3748.19
00:52:12		3736.2	3748.56
00:52:03	115.9	3736.9	3749.85
00:51:54		3743.8	3763.01
00:51:45		3771.7	3789.38
00:51:36		3736.9	3748.43
00:51:27	115.9	3743.0	3755.12
00:51:18		3741.7	3754.37
00:51:09		3748.0	3760.76
00:51:00	115.9	3740.2	3752.32
00:50:51		3745.0	3756.83
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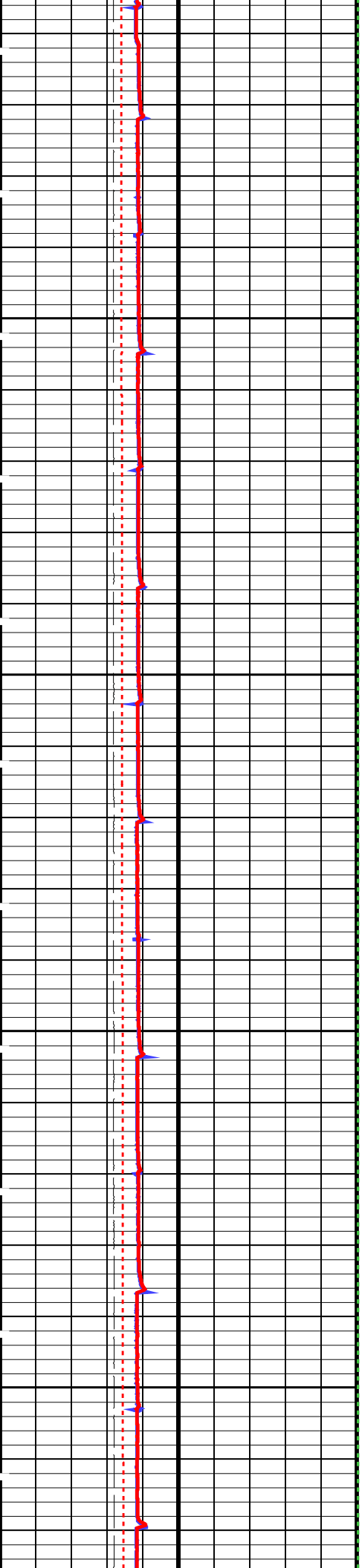

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00:49:21		3832.6	3842.73
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00:49:03	115.8	3835.7	3850.54
00:48:54		3846.2	3863.42
00:48:45		3888.1	3913.30
00:48:36		3854.3	3863.92
00:48:27	115.8	3850.4	3863.61
00:48:18		3857.7	3867.25
00:48:09		3855.4	3873.24
00:48:00	115.8	3884.3	3898.02
00:47:51		3836.7	3850.08
00:47:42		3834.6	3852.21
00:47:33	115.8	3841.5	3855.10
00:47:24		3850.5	3860.86
00:47:15		3853.6	3873.79
00:47:06		3895.6	3927.13
00:46:57	115.8	3842.1	3855.68
00:46:48		3844.6	3861.18
00:46:39		3840.5	3856.56
00:46:30	115.8	3847.5	3862.46
00:46:21		3882.7	3902.74
00:46:12		3840.9	3849.56
00:46:03	115.8	3837.2	3849.56
00:45:54		3845.8	3852.41
00:45:45		3847.4	3856.28
00:45:36		3856.2	3873.44
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00:45:18		3832.5	3847.10
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00:44:51		3847.1	3858.58
00:44:42		3871.5	3885.62
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00:44:24		3816.5	3831.76
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00:43:48		3843.8	3885.31
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00:42:27	115.8	3821.8	3834.07
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00:41:06		3809.2	3826.16
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00:40:30	115.9	3847.9	3883.27
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00:40:03	115.9	3810.9	3825.68
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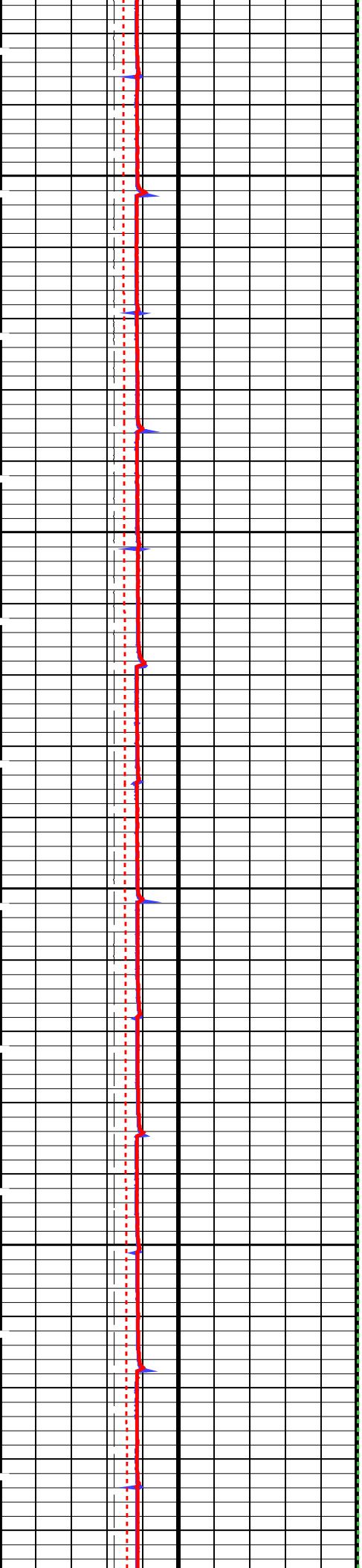

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00:37:03	115.9	3811.4	3827.43
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00:36:45		3818.3	3834.25
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00:35:33	115.9	3853.0	3882.50
00:35:24		3834.0	3846.36
00:35:15		3836.2	3850.24
00:35:06		3840.6	3856.28
00:34:57	115.9	3846.2	3858.82
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00:34:39		3801.8	3813.63
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00:33:36		3811.4	3827.26
00:33:27	115.9	3817.5	3830.02
00:33:18		3820.4	3835.99
00:33:09		3825.3	3843.23
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00:32:51		3827.6	3841.40
00:32:42		3828.9	3846.64
00:32:33	115.9	3836.5	3843.75
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00:32:15		3887.3	3916.31
00:32:06		3822.5	3836.83
00:31:57	115.9	3826.6	3840.85
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00:30:00	115.9	3843.9	3851.87
00:29:51		3859.4	3876.79
00:29:42		3812.8	3830.64
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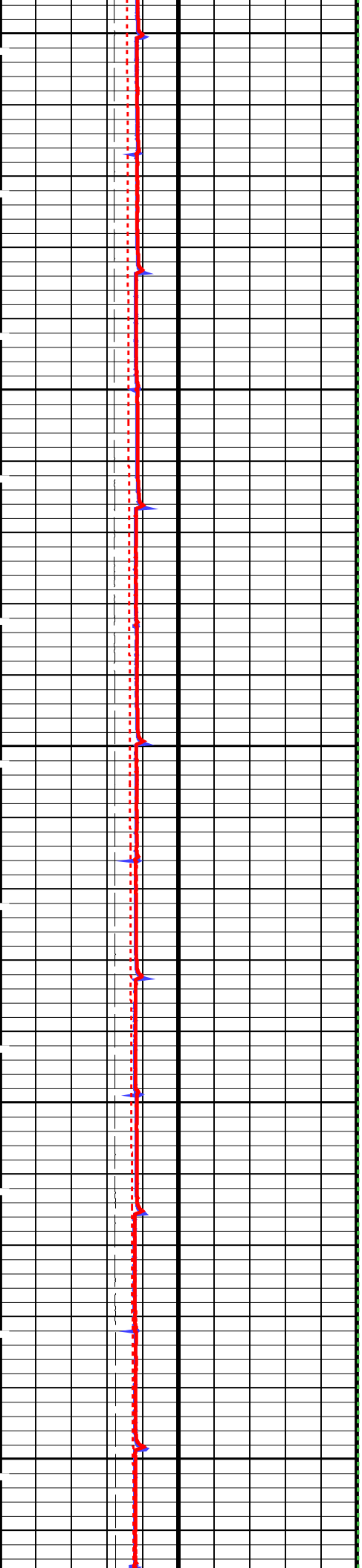

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00:27:18		3858.0	3848.15
00:27:09		3818.2	3829.17
00:27:00	115.9	3814.0	3828.98
00:26:51		3813.2	3826.00
00:26:42		3819.2	3833.56
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00:26:15		3789.6	3797.02
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00:25:57	115.9	3788.8	3802.67
00:25:48		3789.3	3804.29
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00:25:30	115.9	3820.4	3831.91
00:25:21		3818.2	3832.32
00:25:12		3822.0	3832.75
00:25:03	116.0	3825.9	3838.67
00:24:54		3855.8	3870.75
00:24:45		3782.8	3790.54
00:24:36		3780.7	3796.56
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00:24:09		3781.2	3797.34
00:24:00	116.0	3796.9	3830.82
00:23:51		3807.0	3820.52
00:23:42		3810.6	3822.66
00:23:33	116.0	3812.0	3825.52
00:23:24		3811.0	3827.47
00:23:15		3827.3	3846.21
00:23:06		3795.3	3804.63
00:22:57	116.0	3799.9	3809.84
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00:22:03	116.0	3788.0	3795.95
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00:21:45		3784.4	3796.43
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00:20:51		3766.8	3776.21
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00:19:12		3745.8	3762.23
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00:18:54		3780.5	3789.47
00:18:45		3778.5	3789.55
00:18:36		3764.9	3778.95
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00:18:00	116.1	3770.3	3776.45
00:17:51		3763.2	3773.82
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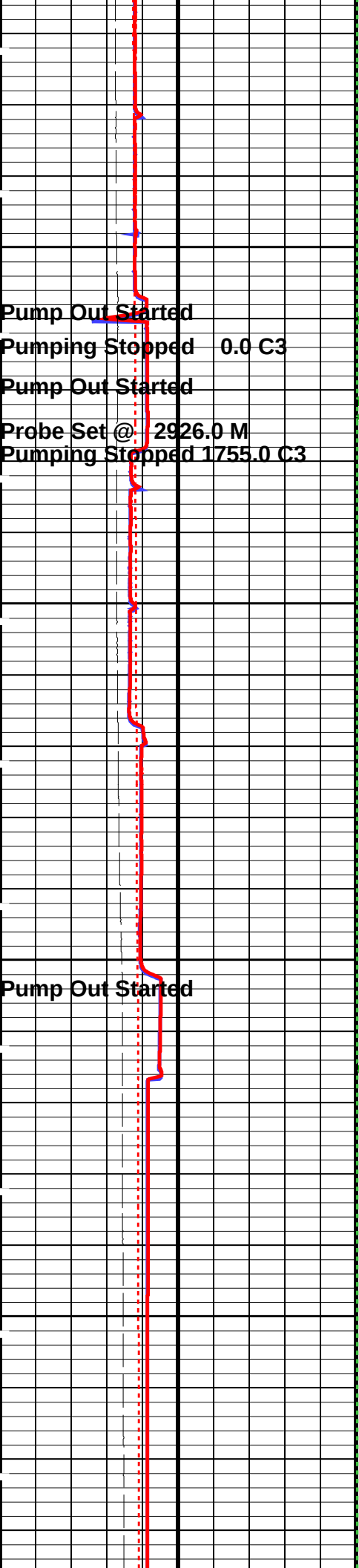

00:17:15		3762.6	3770.40
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00:16:57	116.1	3757.2	3770.30
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00:15:54		3753.3	3766.61
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00:15:36		3761.0	3775.82
00:15:27	116.3	3757.8	3770.40
00:15:18		3795.4	3838.34
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00:13:21		3628.3	3644.18
00:13:12		3632.4	3641.68
00:13:03	116.4	3618.0	3643.22
00:12:54		3621.3	3644.54
00:12:45		3616.2	3641.87
00:12:36		3625.0	3636.07
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00:12:18		3654.8	3716.26
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00:12:00	116.5	3938.4	3947.91
00:11:51		3939.8	3951.85
00:11:42		3940.1	3951.08
00:11:33	116.6	3940.6	3952.53
00:11:24		3938.7	3950.63
00:11:15		3941.1	3951.83
00:11:06	116.8	3937.9	3947.05
00:10:57		3927.4	3934.95
00:10:48		3908.6	3924.69
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00:10:30	117.1	4412.2	4496.93
00:10:21		4485.5	4496.75
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00:10:03	117.1	4464.3	4475.48
00:09:54		4451.0	4461.93
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00:09:27	117.1	4120.4	4132.22
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00:08:24		4118.5	4130.27
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00:08:06		4117.9	4129.57
00:07:57	117.2	4117.5	4129.18
00:07:48		4117.0	4128.78
00:07:39		4116.7	4128.34
00:07:30	117.2	4116.2	4127.87
00:07:21		4115.7	4127.37
00:07:12		4115.2	4126.84
00:07:03	117.3	4114.7	4126.28
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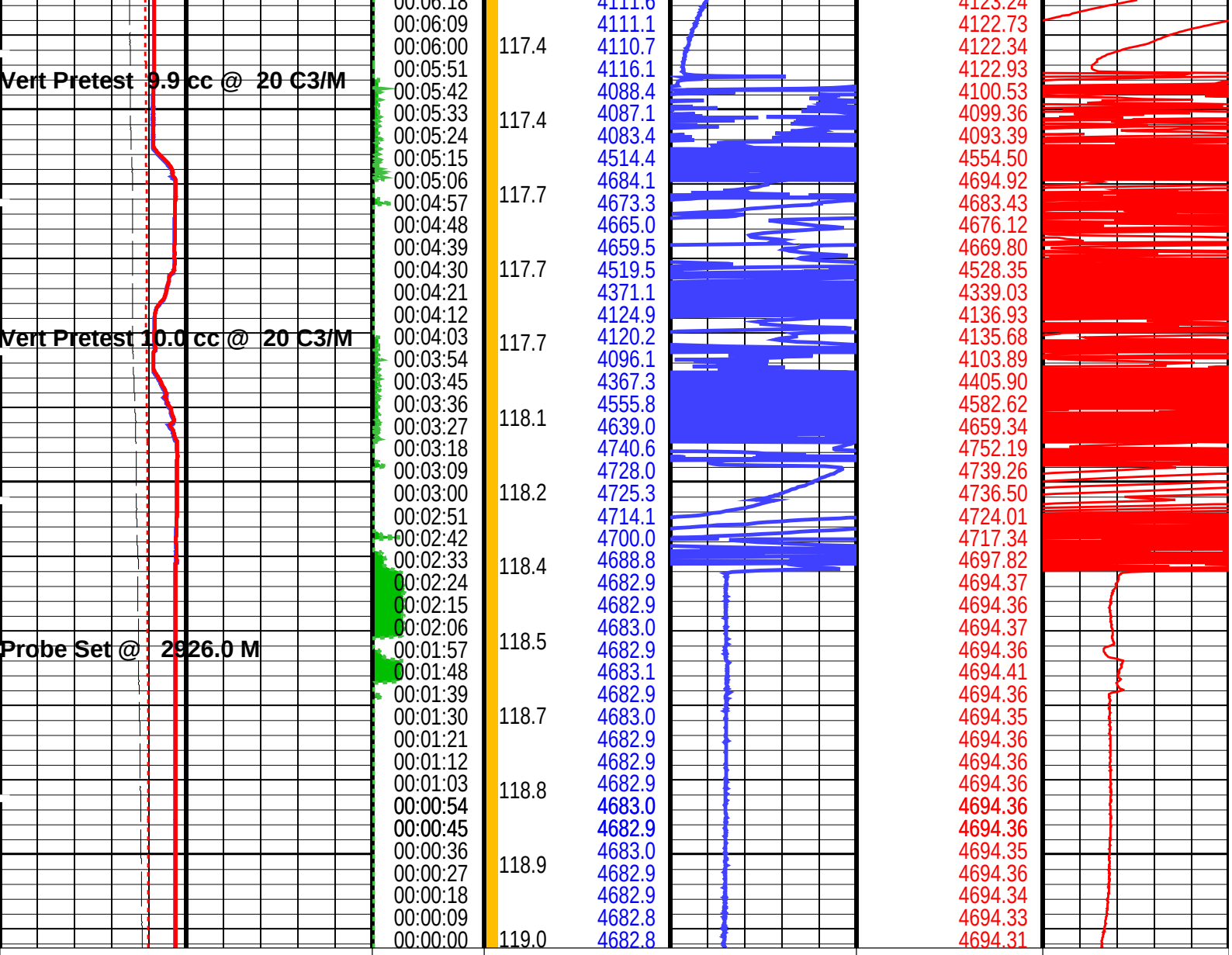


PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3

QGFD	Quartz Gauge Flow Line Density	1	G/CC
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:19

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_311LTP	FN:498	PRODUCER	02−Dec−2004 11:13	2926.0 M	10.8 M

Output DLIS Files

DEFAULT	MDT_OFA_091PTP	FN:90	PRODUCER	06−Dec−2004 13:19

Input DLIS Files

DEFAULT	MDT_OFA_311LTP	FN:498	PRODUCER	02−Dec−2004 11:13	2926.0 M	10.8 M

Output DLIS Files

DEFAULT	MDT_OFA_091PTP	FN:90	PRODUCER	06−Dec−2004 13:19	2926.0 M	10.8 M

Elapsed Time (s)	Event Summary
4122.0	Retract Single Probe Module (MRPS) 1
3670.8	Pumping Stopped 33345.0 C3 Dual Up−down Pumpout Module (MRPOUD)
910.8	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
896.4	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
879.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
860.7	Probe Set @ 2926.0 M Single Probe Module (MRPS) 1
851.1	Pumping Stopped 1755.0 C3 Dual Up−down Pumpout Module (MRPOUD)
626.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
305.1	Vert Pretest 9.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
199.2	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
120.9	Probe Set @ 2926.0 M Single Probe Module (MRPS) 1

MRPOUD Hydraulic

LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4
LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8
LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12
LFA Optical Density Channel 6 (FAOD_		

Pump Output Volume (POUDPV) (C3)

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

High Gas

Medium Gas

Oil

Low Gas

Water

Highly Absorbing Fluid

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA[6])
−24 (---- 16

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

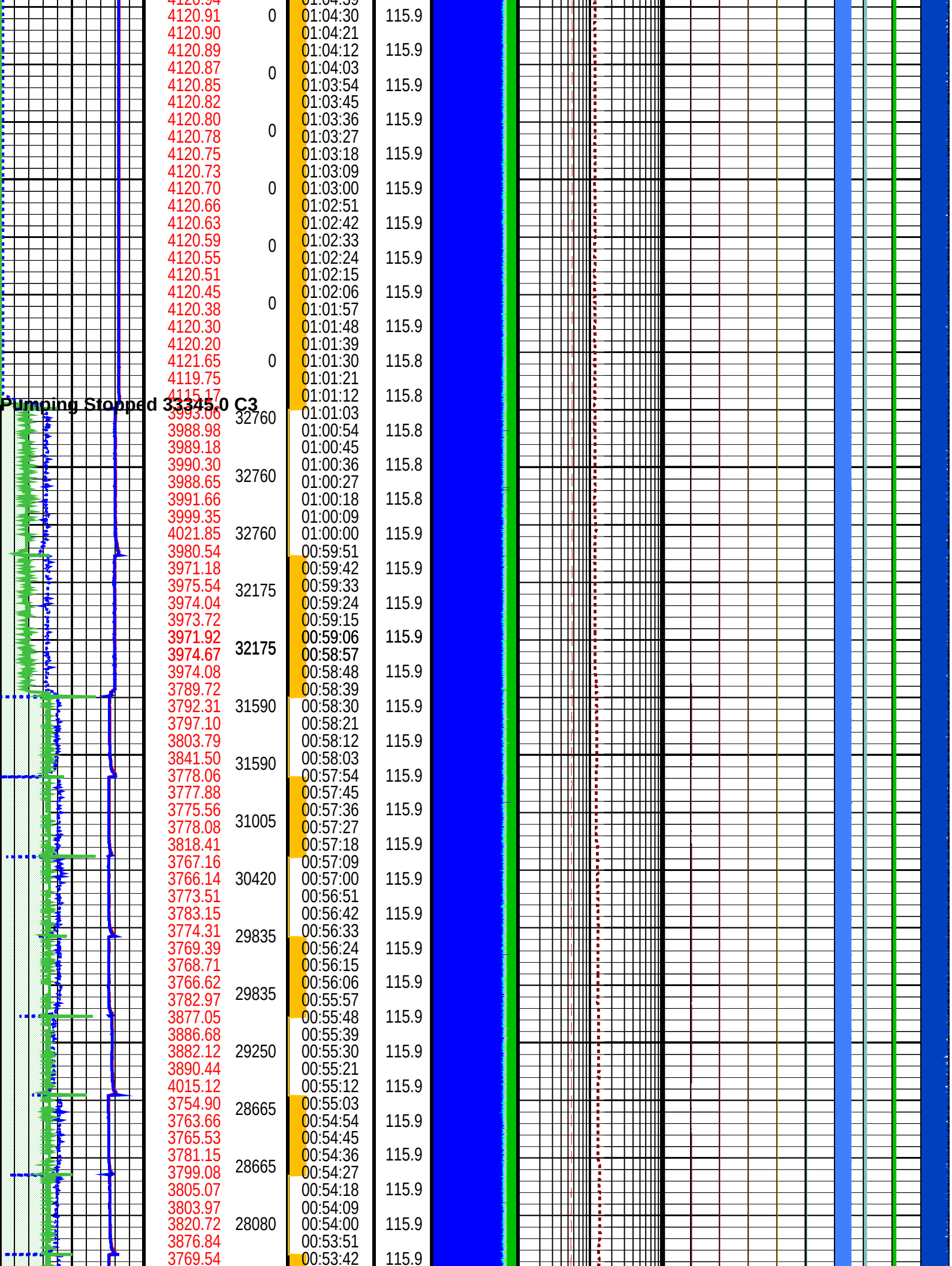
LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

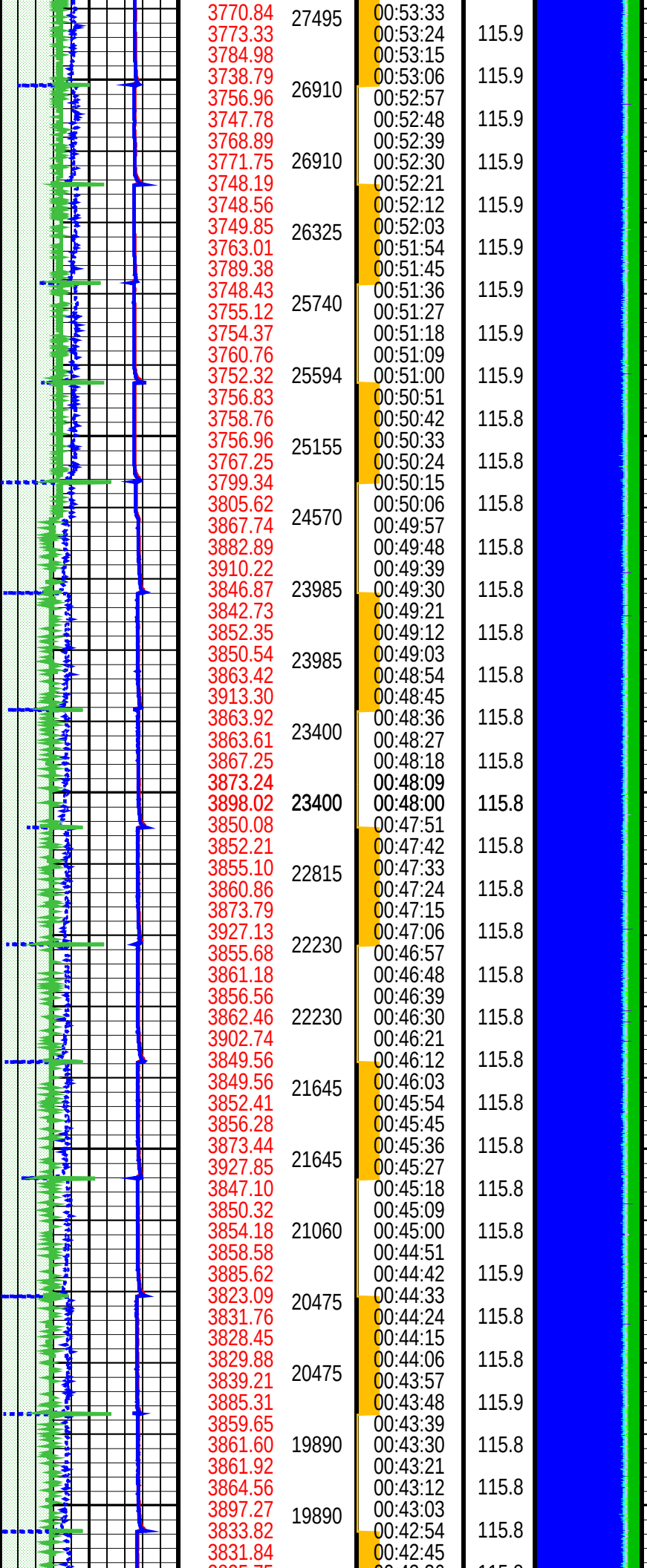
LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

Retract

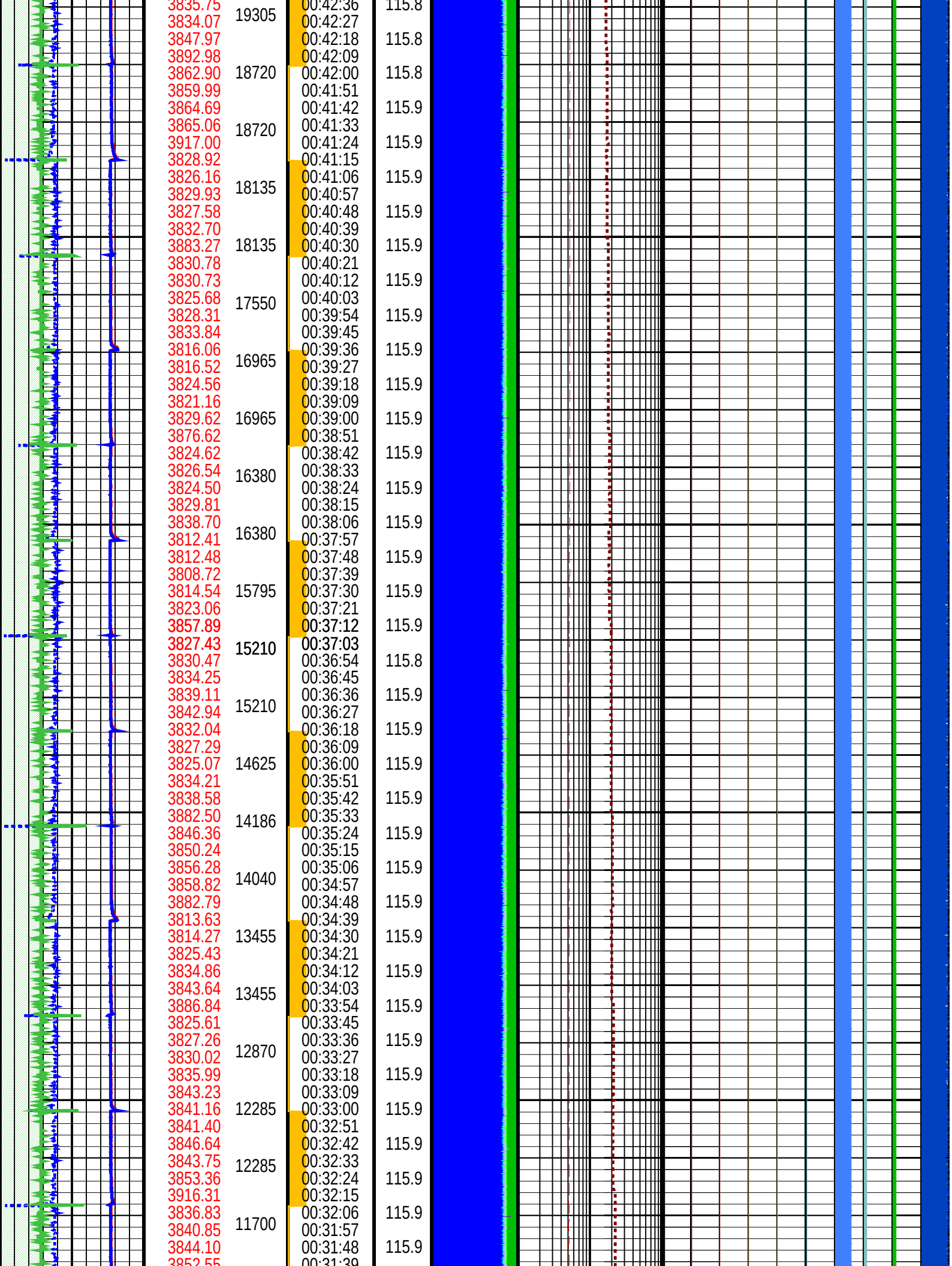
Pump Output Volume (POUDPV) (C3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)
4694.38		01:10:39	
4694.38	0	01:10:30	115.9
4694.38		01:10:21	
4694.38		01:10:12	115.9
4694.38	0	01:10:03	
4694.38		01:09:54	115.9
4694.39		01:09:45	
4694.40		01:09:36	115.9
4694.42	0	01:09:27	
4694.42		01:09:18	115.9
4694.44		01:09:09	
4694.43	0	01:09:00	115.9
4694.20		01:08:51	
4122.11		01:08:42	115.9
4121.35	0	01:08:33	
4121.19		01:08:24	115.9
4121.18		01:08:15	
4121.18		01:08:06	115.9
4121.17	0	01:07:57	
4121.17		01:07:48	115.9
4121.16		01:07:39	
4121.15	0	01:07:30	115.9
4121.14		01:07:21	
4121.14		01:07:12	115.9
4121.13	0	01:07:03	
4121.12		01:06:54	115.9
4121.11		01:06:45	
4121.09		01:06:36	115.9
4121.09	0	01:06:27	
4121.08		01:06:18	115.9
4121.06		01:06:09	
4121.06	0	01:06:00	115.9
4121.05		01:05:51	
4121.03		01:05:42	115.9
4121.02	0	01:05:33	
4121.00		01:05:24	115.9
4121.00		01:05:15	
4120.98		01:05:06	115.9
4120.96	0	01:04:57	
4120.95		01:04:48	115.9
4120.94		01:04:39	



4120.94		01:04:39	
4120.91	0	01:04:30	115.9
4120.90		01:04:21	
4120.89		01:04:12	115.9
4120.87	0	01:04:03	
4120.85		01:03:54	115.9
4120.82		01:03:45	
4120.80		01:03:36	115.9
4120.78	0	01:03:27	
4120.75		01:03:18	115.9
4120.73		01:03:09	
4120.70	0	01:03:00	115.9
4120.66		01:02:51	
4120.63		01:02:42	115.9
4120.59	0	01:02:33	
4120.55		01:02:24	115.9
4120.51		01:02:15	
4120.45		01:02:06	115.9
4120.38	0	01:01:57	
4120.30		01:01:48	115.9
4120.20		01:01:39	
4121.65	0	01:01:30	115.8
4119.75		01:01:21	
4115.17		01:01:12	115.8
3993.06	32760	01:01:03	
3988.98		01:00:54	115.8
3989.18		01:00:45	
3990.30		01:00:36	115.8
3988.65	32760	01:00:27	
3991.66		01:00:18	115.8
3999.35		01:00:09	
4021.85	32760	01:00:00	115.9
3980.54		00:59:51	
3971.18		00:59:42	115.9
3975.54	32175	00:59:33	
3974.04		00:59:24	115.9
3973.72		00:59:15	
3971.92		00:59:06	115.9
3974.67	32175	00:58:57	
3974.08		00:58:48	115.9
3789.72		00:58:39	
3792.31	31590	00:58:30	115.9
3797.10		00:58:21	
3803.79		00:58:12	115.9
3841.50	31590	00:58:03	
3778.06		00:57:54	115.9
3777.88		00:57:45	
3775.56		00:57:36	115.9
3778.08	31005	00:57:27	
3818.41		00:57:18	115.9
3767.16		00:57:09	
3766.14	30420	00:57:00	115.9
3773.51		00:56:51	
3783.15		00:56:42	115.9
3774.31	29835	00:56:33	
3769.39		00:56:24	115.9
3768.71		00:56:15	
3766.62		00:56:06	115.9
3782.97	29835	00:55:57	
3877.05		00:55:48	115.9
3886.68		00:55:39	
3882.12	29250	00:55:30	115.9
3890.44		00:55:21	
4015.12		00:55:12	115.9
3754.90	28665	00:55:03	
3763.66		00:54:54	115.9
3765.53		00:54:45	
3781.15		00:54:36	115.9
3799.08	28665	00:54:27	
3805.07		00:54:18	115.9
3803.97		00:54:09	
3820.72	28080	00:54:00	115.9
3876.84		00:53:51	
3769.54		00:53:42	115.9

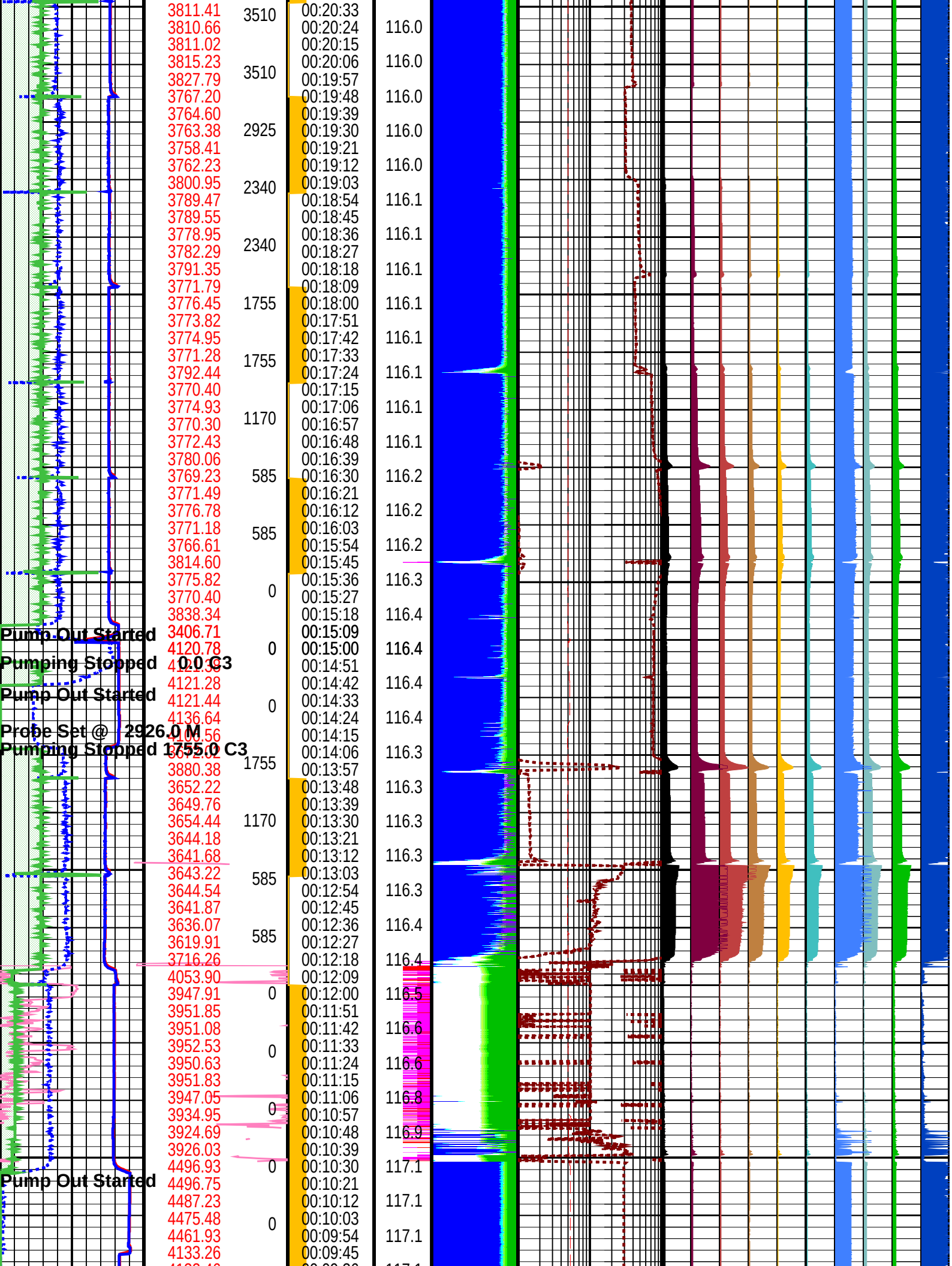


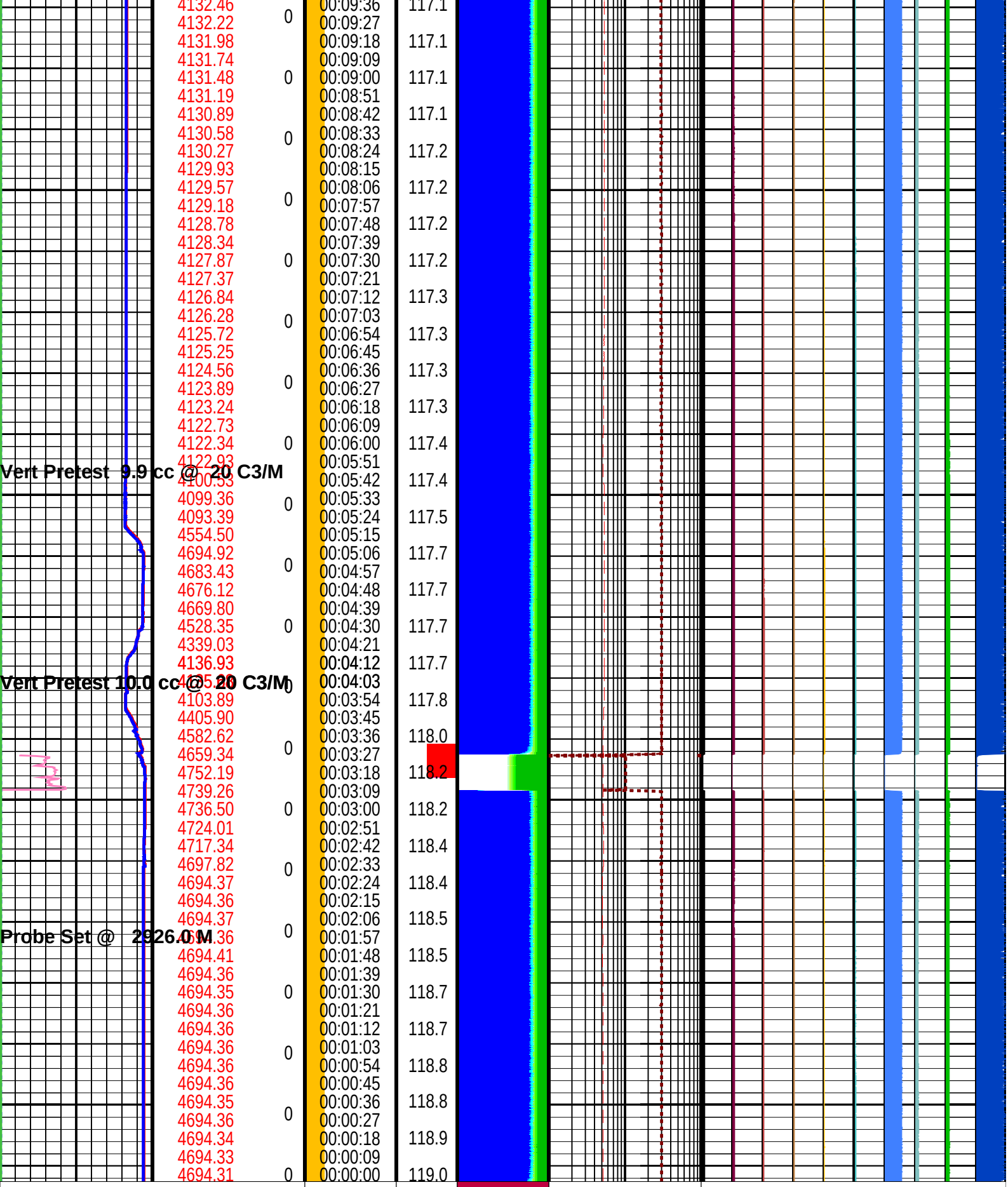
3770.84	27495	00:53:33	
3773.33		00:53:24	115.9
3784.98		00:53:15	
3738.79	26910	00:53:06	115.9
3756.96		00:52:57	
3747.78		00:52:48	115.9
3768.89		00:52:39	
3771.75	26910	00:52:30	115.9
3748.19		00:52:21	
3748.56		00:52:12	115.9
3749.85	26325	00:52:03	
3763.01		00:51:54	115.9
3789.38		00:51:45	
3748.43	25740	00:51:36	115.9
3755.12		00:51:27	
3754.37		00:51:18	115.9
3760.76		00:51:09	
3752.32	25594	00:51:00	115.9
3756.83		00:50:51	
3758.76		00:50:42	115.8
3756.96	25155	00:50:33	
3767.25		00:50:24	115.8
3799.34		00:50:15	
3805.62	24570	00:50:06	115.8
3867.74		00:49:57	
3882.89		00:49:48	115.8
3910.22		00:49:39	
3846.87	23985	00:49:30	115.8
3842.73		00:49:21	
3852.35		00:49:12	115.8
3850.54	23985	00:49:03	
3863.42		00:48:54	115.8
3913.30		00:48:45	
3863.92	23400	00:48:36	115.8
3863.61		00:48:27	
3867.25		00:48:18	115.8
3873.24		00:48:09	
3898.02	23400	00:48:00	115.8
3850.08		00:47:51	
3852.21		00:47:42	115.8
3855.10	22815	00:47:33	
3860.86		00:47:24	115.8
3873.79		00:47:15	
3927.13	22230	00:47:06	115.8
3855.68		00:46:57	
3861.18		00:46:48	115.8
3856.56		00:46:39	
3862.46	22230	00:46:30	115.8
3902.74		00:46:21	
3849.56		00:46:12	115.8
3849.56	21645	00:46:03	
3852.41		00:45:54	115.8
3856.28		00:45:45	
3873.44	21645	00:45:36	115.8
3927.85		00:45:27	
3847.10		00:45:18	115.8
3850.32		00:45:09	
3854.18	21060	00:45:00	115.8
3858.58		00:44:51	
3885.62		00:44:42	115.9
3823.09	20475	00:44:33	
3831.76		00:44:24	115.8
3828.45		00:44:15	
3829.88	20475	00:44:06	115.8
3839.21		00:43:57	
3885.31		00:43:48	115.9
3859.65		00:43:39	
3861.60	19890	00:43:30	115.8
3861.92		00:43:21	
3864.56		00:43:12	115.8
3897.27	19890	00:43:03	
3833.82		00:42:54	115.8
3831.84		00:42:45	



3835.75	19305	00:42:36	115.8
3834.07		00:42:27	
3847.97		00:42:18	115.8
3892.98		00:42:09	
3862.90	18720	00:42:00	115.8
3859.99		00:41:51	
3864.69		00:41:42	115.9
3865.06	18720	00:41:33	
3917.00		00:41:24	115.9
3828.92		00:41:15	
3826.16	18135	00:41:06	115.9
3829.93		00:40:57	
3827.58		00:40:48	115.9
3832.70		00:40:39	
3883.27	18135	00:40:30	115.9
3830.78		00:40:21	
3830.73		00:40:12	115.9
3825.68	17550	00:40:03	
3828.31		00:39:54	115.9
3833.84		00:39:45	
3816.06	16965	00:39:36	115.9
3816.52		00:39:27	
3824.56		00:39:18	115.9
3821.16		00:39:09	
3829.62	16965	00:39:00	115.9
3876.62		00:38:51	
3824.62		00:38:42	115.9
3826.54	16380	00:38:33	
3824.50		00:38:24	115.9
3829.81		00:38:15	
3838.70	16380	00:38:06	115.9
3812.41		00:37:57	
3812.48		00:37:48	115.9
3808.72		00:37:39	
3814.54	15795	00:37:30	115.9
3823.06		00:37:21	
3857.89		00:37:12	115.9
3827.43	15210	00:37:03	
3830.47		00:36:54	115.8
3834.25		00:36:45	
3839.11	15210	00:36:36	115.9
3842.94		00:36:27	
3832.04		00:36:18	115.9
3827.29		00:36:09	
3825.07	14625	00:36:00	115.9
3834.21		00:35:51	
3838.58		00:35:42	115.9
3882.50	14186	00:35:33	
3846.36		00:35:24	115.9
3850.24		00:35:15	
3856.28	14040	00:35:06	115.9
3858.82		00:34:57	
3882.79		00:34:48	115.9
3813.63		00:34:39	
3814.27	13455	00:34:30	115.9
3825.43		00:34:21	
3834.86		00:34:12	115.9
3843.64	13455	00:34:03	
3886.84		00:33:54	115.9
3825.61		00:33:45	
3827.26	12870	00:33:36	115.9
3830.02		00:33:27	
3835.99		00:33:18	115.9
3843.23		00:33:09	
3841.16	12285	00:33:00	115.9
3841.40		00:32:51	
3846.64		00:32:42	115.9
3843.75	12285	00:32:33	
3853.36		00:32:24	115.9
3916.31		00:32:15	
3836.83	11700	00:32:06	115.9
3840.85		00:31:57	
3844.10		00:31:48	115.9
3852.55		00:31:39	

3832.55		00:31:39	
3880.12	11700	00:31:30	115.9
3823.33		00:31:21	
3820.29		00:31:12	115.9
3825.01	11115	00:31:03	
3816.31		00:30:54	115.9
3830.91		00:30:45	
3883.96		00:30:36	115.9
3833.54	10530	00:30:27	
3847.42		00:30:18	115.9
3850.30		00:30:09	
3851.87	10530	00:30:00	115.9
3876.79		00:29:51	
3830.64		00:29:42	115.9
3821.91	9945	00:29:33	
3827.76		00:29:24	115.9
3832.14		00:29:15	
3824.83		00:29:06	115.9
3851.14	9945	00:28:57	
3836.04		00:28:48	115.9
3837.81		00:28:39	
3841.63	9360	00:28:30	115.9
3841.04		00:28:21	
3853.59		00:28:12	115.9
3819.90	8775	00:28:03	
3820.79		00:27:54	115.9
3830.56		00:27:45	
3833.11		00:27:36	115.9
3837.74	8775	00:27:27	
3848.15		00:27:18	115.9
3829.17		00:27:09	
3828.98	8190	00:27:00	115.9
3826.00		00:26:51	
3833.56		00:26:42	115.9
3854.80	8190	00:26:33	
3798.36		00:26:24	115.9
3797.02		00:26:15	
3797.34		00:26:06	115.9
3802.67	7605	00:25:57	
3804.29		00:25:48	115.9
3843.60		00:25:39	
3831.91	7020	00:25:30	115.9
3832.32		00:25:21	
3832.75		00:25:12	115.9
3838.67	7020	00:25:03	
3870.75		00:24:54	116.0
3790.54		00:24:45	
3796.56		00:24:36	116.0
3790.20	6435	00:24:27	
3789.12		00:24:18	116.0
3797.34		00:24:09	
3830.82	6435	00:24:00	115.9
3820.52		00:23:51	
3822.66		00:23:42	116.0
3825.52	5850	00:23:33	
3827.47		00:23:24	116.0
3846.21		00:23:15	
3804.63		00:23:06	116.0
3809.84	5265	00:22:57	
3813.91		00:22:48	116.0
3815.63		00:22:39	
3811.10	5265	00:22:30	116.0
3837.03		00:22:21	
3791.41		00:22:12	116.0
3795.95	4680	00:22:03	
3797.63		00:21:54	116.0
3796.43		00:21:45	
3817.88		00:21:36	116.0
3785.93	4680	00:21:27	
3784.99		00:21:18	116.0
3783.87		00:21:09	
3776.26	4095	00:21:00	116.0
3776.21		00:20:51	
3848.22		00:20:42	116.0


Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Probe Set @ 2926.0 M
Pumping Stopped 1755.0 C3
Pump Out Started



LFA GOR (GOR_LFA) (F3/B) 0 – 5000	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 – 0.0001	LFA Optical Density Channel 0 (FAOD_LFA[0]) (---- 0 – 40
	MRPOUD Solenoid 3			LFA Fluid	LFA Optical Density Channel 1 (FAOD

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

Solenoid 3 Status (POUDS3)
0 (---- 5

Low Gas

Water

Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Medium Gas

Oil

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

High Gas

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

LFA Optical Density Channel 6 (FAOD_LFA[6])
-24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
-28 (---- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
-32 (---- 8

LFA Optical Density Channel 9 (FAOD_LFA[9])
-36 (---- 4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	MRPC-CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS-1 Vertical Scale: 1" per 60S Graphics File Created: 06-Dec-2004 13:19

OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRPO_UD	12C0-301	LFA	12C0-301
MRMS_1-CA	12C0-301	MRPC-CA	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Input DLIS Files

Input DLIS Files

DEFAULT	MDT_OFA_311LTP	FN:498	PRODUCER	02−Dec−2004 11:13	2926.0 M	10.8 M

Output DLIS Files

DEFAULT	MDT_OFA_091PTP	FN:90	PRODUCER	06−Dec−2004 13:19

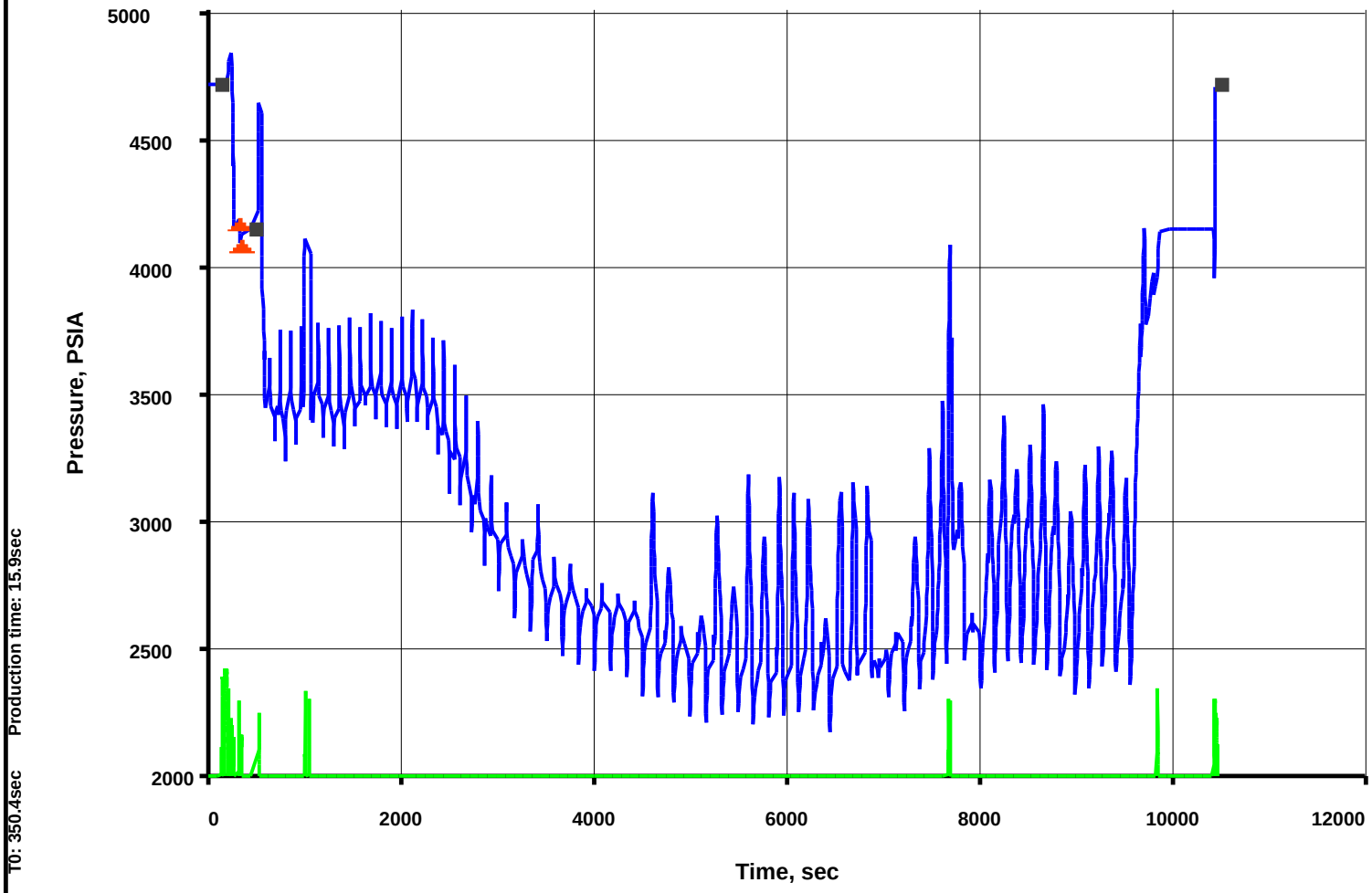
Schlumberger

Sample @ 2933.0 mMD

MAXIS Field Log

File 304 Depth, M: 2933.02 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4706.85
Mud Pressure after test, PSIA:	4707.08
Last build−up pressure, PSIA:	4142.5
Draw−down mobility, md/cp:	23.5



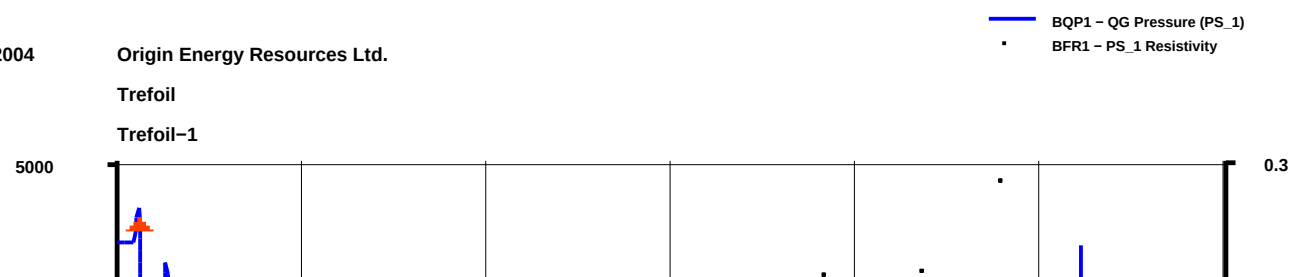
Pretest Volume: 9.9 cc − MRPS_1− BQP1 Resolution: 0.010psi

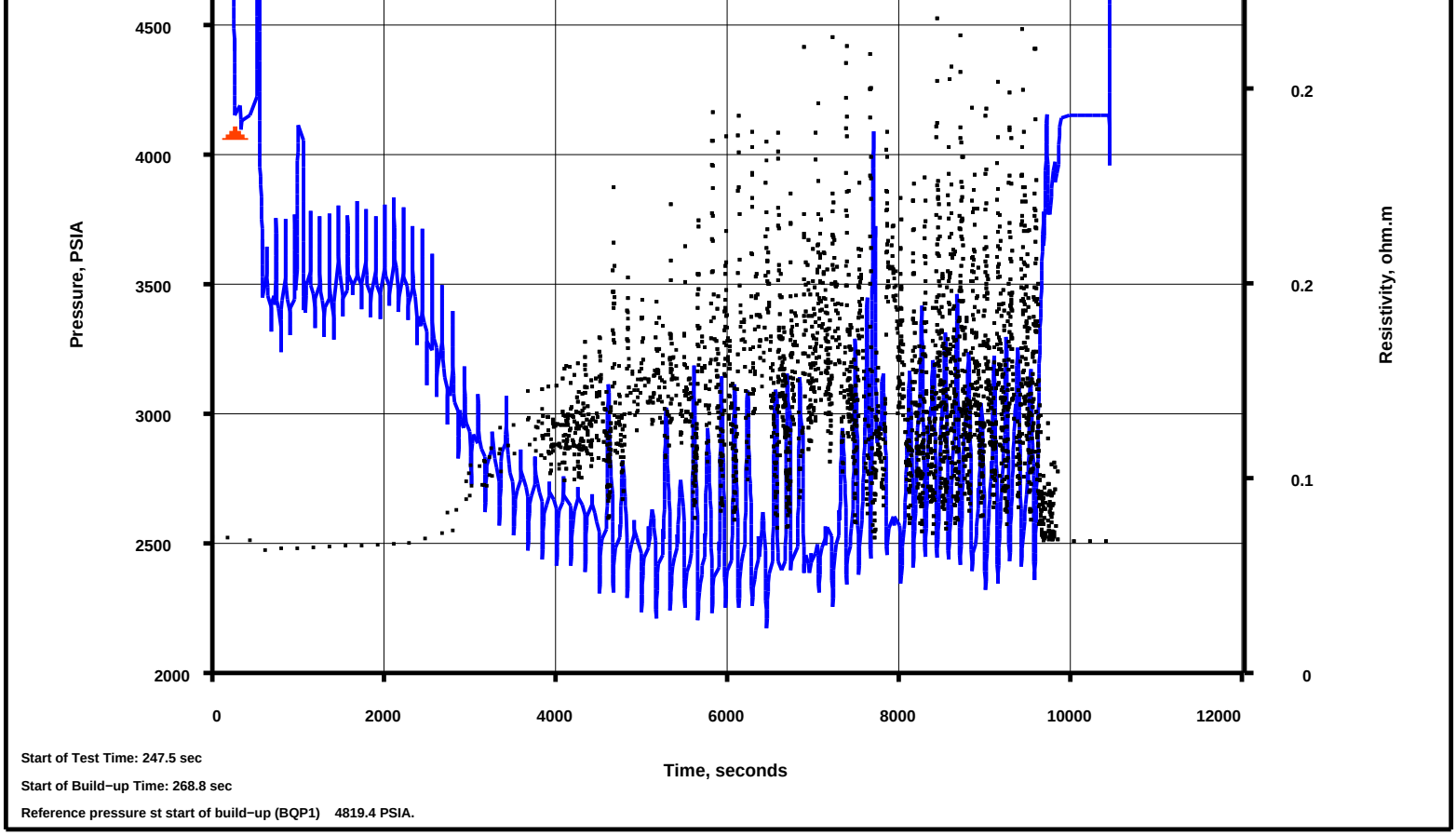
File 304

25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1





Input DLIS Files

DEFAULT	MDT_OFA_304LTP	FN:484	PRODUCER	02−Dec−2004 11:13	2933.0 M	26.8 M

Output DLIS Files

DEFAULT	MDT_OFA_090PTP	FN:89	PRODUCER	06−Dec−2004 13:15	2933.0 M	26.8 M

Elapsed Time (s)	Event Summary
10437.0	Retract Single Probe Module (MRPS) 1
9792.9	Pumping Stopped 15795.0 C3 Dual Up−down Pumpout Module (MRPOUD)
9776.4	Seal Multi−Sample Module (MRMS) 1, bottle 6
9338.7	Open Multi−Sample Module (MRMS) 1, bottle 6, sample number = 6
7709.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
7669.8	Probe Set @ 2933.0 M Single Probe Module (MRPS) 1
7661.7	Pumping Stopped 54405.0 C3 Dual Up−down Pumpout Module (MRPOUD)
1064.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
993.6	Pumping Stopped 4680.0 C3 Dual Up−down Pumpout Module (MRPOUD)
999.6	Probe Set @ 2933.0 M Single Probe Module (MRPS) 1
555.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
328.8	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
247.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
167.7	Probe Set @ 2933.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

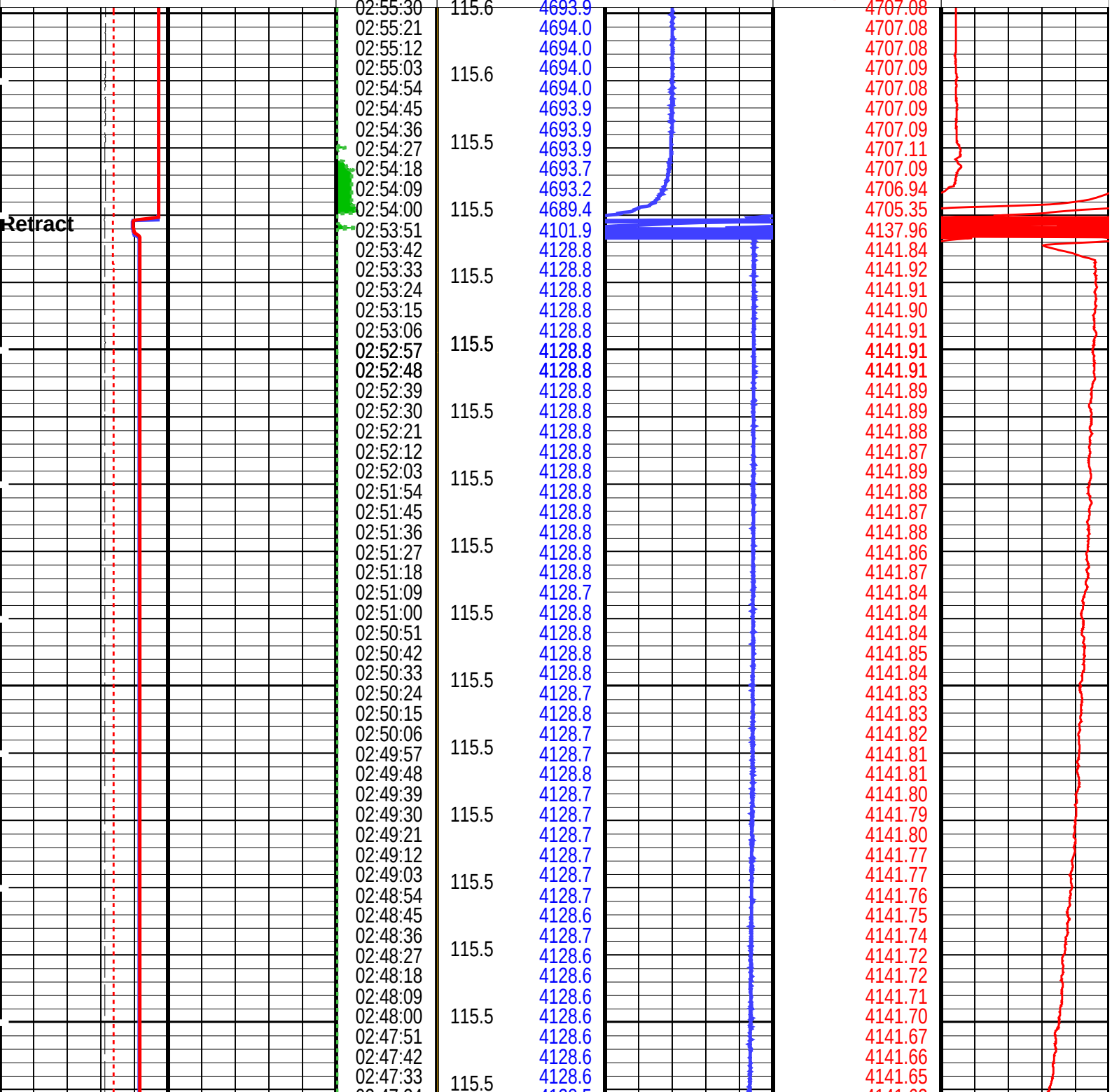
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

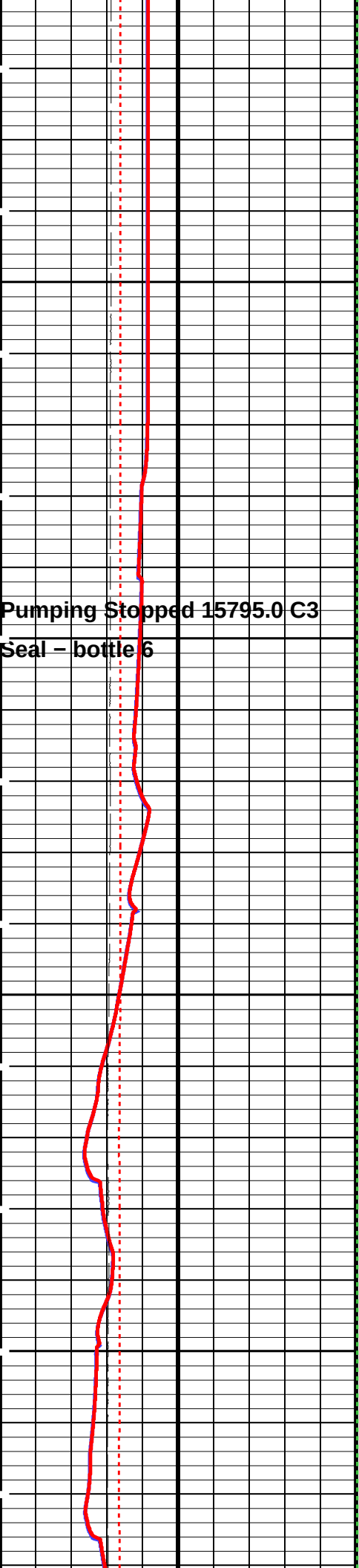
MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
02:55:30	115.6	4693.9	4707.08
02:55:21		4694.0	4707.08
02:55:12		4694.0	4707.08
02:55:03	115.6	4694.0	4707.09
02:54:54		4694.0	4707.08
02:54:45		4693.9	4707.09
02:54:36		4693.9	4707.09
02:54:27	115.5	4693.9	4707.11
02:54:18		4693.7	4707.09
02:54:09		4693.2	4706.94
02:54:00	115.5	4689.4	4705.35
02:53:51		4101.9	4137.96
02:53:42		4128.8	4141.84
02:53:33	115.5	4128.8	4141.92
02:53:24		4128.8	4141.91
02:53:15		4128.8	4141.90
02:53:06		4128.8	4141.91
02:52:57	115.5	4128.8	4141.91
02:52:48		4128.8	4141.91
02:52:39		4128.8	4141.89
02:52:30	115.5	4128.8	4141.89
02:52:21		4128.8	4141.88
02:52:12		4128.8	4141.87
02:52:03	115.5	4128.8	4141.89
02:51:54		4128.8	4141.88
02:51:45		4128.8	4141.87
02:51:36		4128.8	4141.88
02:51:27	115.5	4128.8	4141.86
02:51:18		4128.8	4141.87
02:51:09		4128.7	4141.84
02:51:00	115.5	4128.8	4141.84
02:50:51		4128.8	4141.84
02:50:42		4128.8	4141.85
02:50:33	115.5	4128.8	4141.84
02:50:24		4128.7	4141.83
02:50:15		4128.8	4141.83
02:50:06		4128.7	4141.82
02:49:57	115.5	4128.7	4141.81
02:49:48		4128.8	4141.81
02:49:39		4128.7	4141.80
02:49:30	115.5	4128.7	4141.79
02:49:21		4128.7	4141.80
02:49:12		4128.7	4141.77
02:49:03	115.5	4128.7	4141.77
02:48:54		4128.7	4141.76
02:48:45		4128.6	4141.75
02:48:36		4128.7	4141.74
02:48:27	115.5	4128.6	4141.72
02:48:18		4128.6	4141.72
02:48:09		4128.6	4141.71
02:48:00	115.5	4128.6	4141.70
02:47:51		4128.6	4141.67
02:47:42		4128.6	4141.66
02:47:33	115.5	4128.6	4141.65



02:47:24		4128.5	4141.62
02:47:15		4128.6	4141.62
02:47:06		4128.5	4141.58
02:46:57	115.5	4128.5	4141.56
02:46:48		4128.5	4141.52
02:46:39		4128.5	4141.50
02:46:30	115.5	4128.4	4141.46
02:46:21		4128.4	4141.41
02:46:12		4128.3	4141.35
02:46:03	115.5	4128.2	4141.27
02:45:54		4128.1	4141.20
02:45:45		4128.1	4141.10
02:45:36		4127.9	4140.95
02:45:27	115.5	4127.7	4140.74
02:45:18		4127.5	4140.48
02:45:09		4127.1	4140.08
02:45:00	115.4	4126.4	4139.45
02:44:51		4125.4	4138.33
02:44:42		4123.3	4136.18
02:44:33	115.4	4118.9	4131.50
02:44:24		4108.3	4120.10
02:44:15		4078.8	4088.30
02:44:06		3981.7	3979.27
02:43:57	115.4	3935.8	3947.57
02:43:48		3916.2	3927.55
02:43:39		3893.2	3904.34
02:43:30	115.4	3866.5	3876.83
02:43:21		3952.4	3964.00
02:43:12		3928.4	3940.05
02:43:03	115.4	3906.4	3917.88
02:42:54		3879.1	3889.83
02:42:45		3848.1	3859.14
02:42:36		3817.2	3827.69
02:42:27	115.3	3776.3	3785.65
02:42:18		3732.9	3751.32
02:42:09		3747.5	3755.20
02:42:00	115.4	3807.0	3834.39
02:41:51		4046.2	4087.25
02:41:42		4097.1	4099.67
02:41:33	115.3	3942.2	3944.43
02:41:24		3778.5	3777.29
02:41:15		3623.9	3631.06
02:41:06		3789.5	3770.41
02:40:57	115.3	3633.5	3640.25
02:40:48		3529.1	3534.91
02:40:39		3423.6	3429.30
02:40:30	115.2	3313.0	3317.34
02:40:21		3201.9	3205.04
02:40:12		3057.5	3059.00
02:40:03	115.0	2878.8	2876.47
02:39:54		2741.7	2750.38
02:39:45		2671.7	2674.77
02:39:36		2507.6	2505.01
02:39:27	115.0	2373.8	2377.24
02:39:18		2410.7	2431.49
02:39:09		2798.0	2809.86
02:39:00	115.1	2850.5	2869.65
02:38:51		2968.2	2989.28
02:38:42		3136.3	3158.81
02:38:33	115.2	3130.9	3141.40
02:38:24		3039.4	3035.46
02:38:15		2795.7	2795.46
02:38:06		2721.7	2743.19
02:37:57	115.1	2685.1	2696.87
02:37:48		2665.7	2676.23
02:37:39		2635.3	2646.04
02:37:30	115.0	2589.0	2597.54
02:37:21		2533.3	2539.85
02:37:12		2504.2	2516.82
02:37:03	115.0	2470.3	2474.70
02:36:54		2374.2	2380.74
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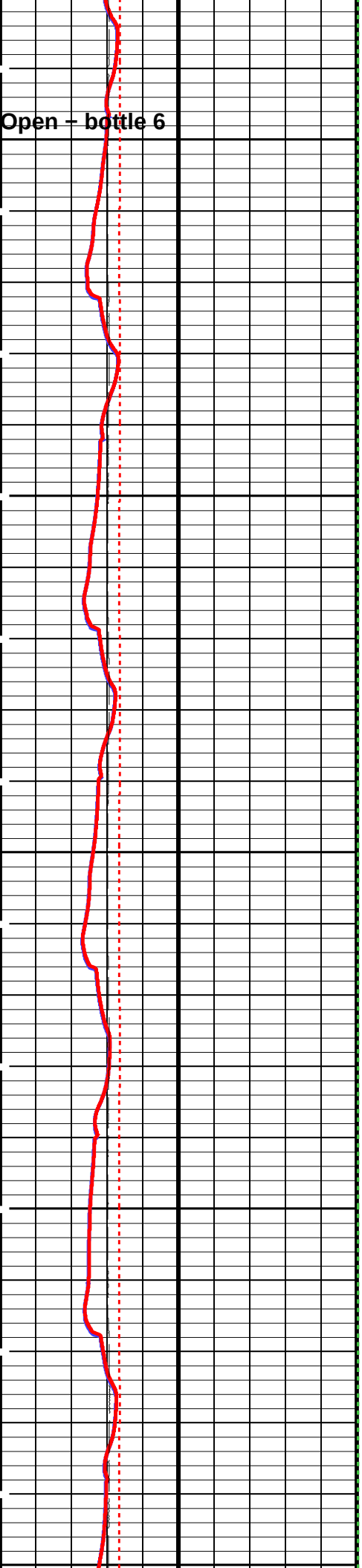
02:36:36		2833.9	2852.16
02:36:27	115.1	2951.8	2976.05



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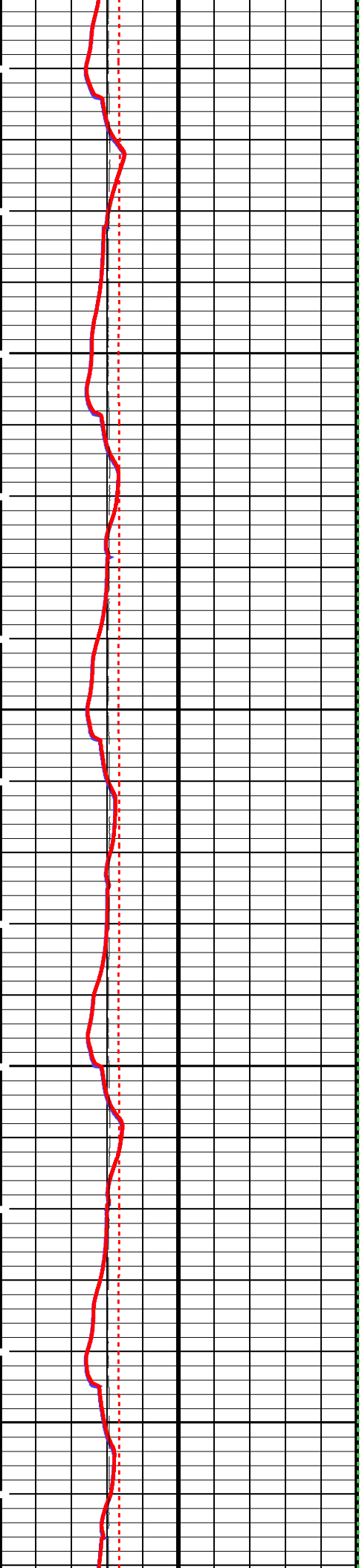
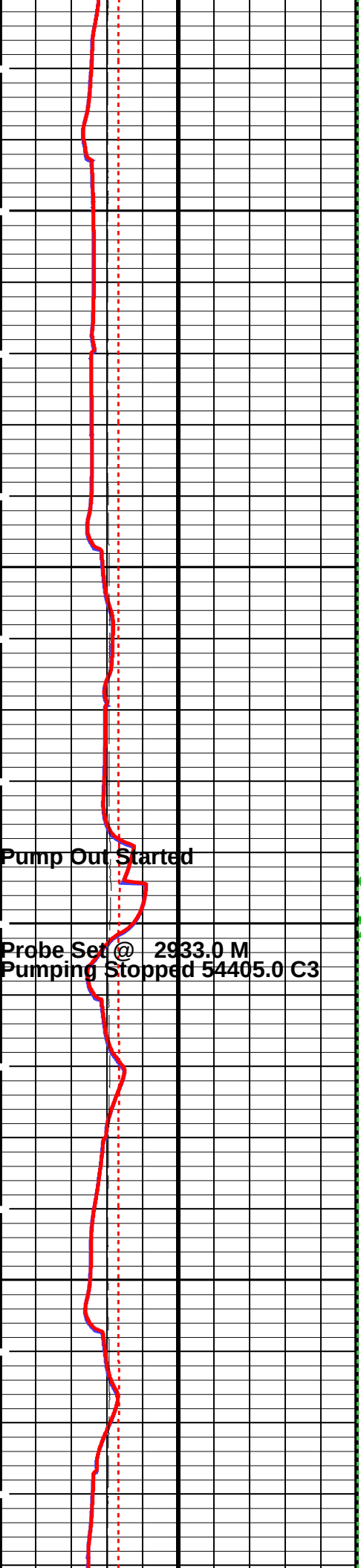
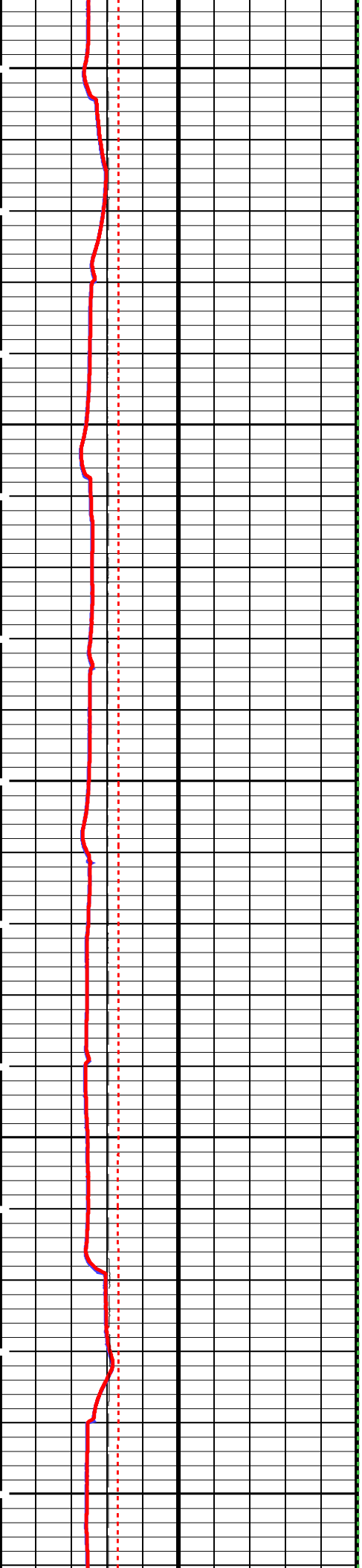
02:36:18		3241.1	3264.43
02:36:09		3253.5	3264.13
02:36:00	115.1	3184.4	3188.76
02:35:51		3013.7	3012.53
02:35:42		2992.6	3020.40
02:35:33	115.0	2959.4	2970.77
02:35:24		2896.3	2903.12
02:35:15		2823.6	2831.53
02:35:06		2736.4	2741.83
02:34:57	115.0	2621.2	2626.15
02:34:48		2566.2	2573.53
02:34:39		2437.1	2436.61
02:34:30	115.1	2426.2	2434.56
02:34:21		2783.0	2801.50
02:34:12		2888.4	2912.22
02:34:03	115.2	3107.6	3151.66
02:33:54		3271.2	3277.71
02:33:45		3126.9	3120.99
02:33:36		2906.2	2904.39
02:33:27	115.1	2826.8	2848.69
02:33:18		2775.3	2785.68
02:33:09		2746.2	2757.01
02:33:00	115.1	2706.2	2715.48
02:32:51		2639.4	2645.72
02:32:42		2541.2	2545.76
02:32:33	115.0	2491.6	2501.37
02:32:24		2417.0	2420.61
02:32:15		2330.4	2348.17
02:32:06		2500.1	2541.18
02:31:57	115.1	2796.8	2815.91
02:31:48		2916.7	2940.05
02:31:39		3169.9	3198.90
02:31:30	115.2	3172.5	3179.75
02:31:21		3034.1	3026.15
02:31:12		2823.8	2826.12
02:31:03	115.1	2796.3	2815.98
02:30:54		2718.2	2728.44
02:30:45		2684.3	2694.37
02:30:36		2633.8	2641.17
02:30:27	115.0	2549.9	2554.83
02:30:18		2485.1	2495.59
02:30:09		2450.7	2458.32
02:30:00	115.0	2355.2	2360.45
02:29:51		2297.6	2317.72
02:29:42		2498.4	2630.95
02:29:33	115.1	2721.0	2740.55
02:29:24		2815.1	2838.05
02:29:15		2986.1	3016.68
02:29:06		3047.1	3056.74
02:28:57	115.2	3004.4	3010.03
02:28:48		2869.8	2864.78
02:28:39		2646.6	2653.29
02:28:30	115.1	2642.1	2637.70
02:28:21		2594.8	2604.48
02:28:12		2549.2	2557.58
02:28:03	115.0	2504.7	2513.09
02:27:54		2482.7	2493.08
02:27:45		2466.7	2477.69
02:27:36		2467.7	2479.47
02:27:27	115.0	2439.2	2445.80
02:27:18		2349.6	2361.44
02:27:09		2517.5	2563.53
02:27:00	115.2	2858.4	2880.11
02:26:51		2980.9	3008.58
02:26:42		3227.4	3245.77
02:26:33	115.2	3210.9	3218.47
02:26:24		3126.2	3125.19
02:26:15		2931.5	2935.43
02:26:06		2991.7	2966.51
02:25:57	115.1	2936.0	2947.17
02:25:48		2905.4	2913.98
02:25:39		2845.7	2852.53
02:25:30	115.1	2748.9	2753.70



02:25:21		2614.4	2616.49
02:25:12		2528.7	2536.17
02:25:03	115.0	2413.1	2415.93
02:24:54		2459.7	2490.84
02:24:45		2861.8	2881.57
02:24:36		2990.4	3019.29
02:24:27	115.3	3345.6	3391.22
02:24:18		3347.8	3345.18
02:24:09		3158.3	3159.59
02:24:00	115.2	3009.0	3012.75
02:23:51		2878.9	2889.86
02:23:42		2855.6	2866.03
02:23:33	115.1	2816.1	2825.83
02:23:24		2742.8	2747.65
02:23:15		2626.3	2627.49
02:23:06		2546.5	2558.32
02:22:57	115.0	2529.0	2538.37
02:22:48		2433.9	2434.17
02:22:39		2465.6	2495.99
02:22:30	115.2	2849.0	2867.68
02:22:21		2968.9	2996.84
02:22:12		3261.1	3289.16
02:22:03	115.3	3272.1	3281.80
02:21:54		3187.4	3189.78
02:21:45		2992.1	2994.49
02:21:36		2991.8	3023.70
02:21:27	115.2	2972.0	2984.40
02:21:18		2940.9	2948.79
02:21:09		2854.6	2860.23
02:21:00	115.1	2714.0	2713.50
02:20:51		2577.8	2585.82
02:20:42		2542.5	2550.53
02:20:33	115.1	2444.8	2446.79
02:20:24		2487.6	2507.86
02:20:15		2798.3	2816.34
02:20:06		2892.2	2912.89
02:19:57	115.2	3083.8	3126.13
02:19:48		3202.1	3214.60
02:19:39		3171.7	3180.00
02:19:30	115.2	3063.8	3061.81
02:19:21		2948.7	2964.66
02:19:12		2987.5	2998.99
02:19:03	115.2	2973.6	2985.08
02:18:54		2947.5	2956.85
02:18:45		2874.2	2877.62
02:18:36		2727.9	2726.97
02:18:27	115.1	2581.7	2590.30
02:18:18		2493.4	2497.18
02:18:09		2467.6	2492.76
02:18:00	115.2	2827.7	2838.75
02:17:51		2913.5	2935.07
02:17:42		3127.7	3167.86
02:17:33	115.3	3394.5	3401.93
02:17:24		3298.5	3299.89
02:17:15		3102.9	3100.72
02:17:06		2991.5	3008.75
02:16:57	115.2	2970.2	2981.32
02:16:48		2946.7	2957.58
02:16:39		2893.3	2899.93
02:16:30	115.1	2777.7	2778.74
02:16:21		2614.7	2621.00
02:16:12		2579.2	2587.81
02:16:03	115.0	2478.9	2476.64
02:15:54		2396.9	2414.30
02:15:45		2750.7	2765.84
02:15:36		2822.5	2843.62
02:15:27	115.2	2937.5	2963.19
02:15:18		3166.8	3186.05
02:15:09		3156.3	3164.50
02:15:00	115.2	3070.7	3070.83
02:14:51		2862.1	2862.77
02:14:42		2859.8	2833.84
02:14:33	115.1	2770.1	2778.18



02:14:24		2696.9	2703.74
02:14:15		2590.3	2595.99
02:14:06		2554.6	2564.58
02:13:57	115.0	2518.3	2528.29
02:13:48		2476.9	2483.97
02:13:39		2371.1	2371.41
02:13:30	115.0	2316.9	2338.30
02:13:21		2546.9	2561.06
02:13:12		2567.5	2581.06
02:13:03	115.0	2592.9	2603.52
02:12:54		2596.3	2608.80
02:12:45		2599.7	2612.75
02:12:36		2600.2	2612.85
02:12:27	115.0	2598.5	2611.93
02:12:18		2590.0	2602.12
02:12:09		2552.6	2562.39
02:12:00	115.0	2530.4	2543.73
02:11:51		2536.5	2548.33
02:11:42		2537.6	2550.48
02:11:33	115.0	2544.1	2556.41
02:11:24		2551.3	2564.72
02:11:15		2554.4	2566.67
02:11:06		2547.0	2559.91
02:10:57	115.1	2519.1	2526.37
02:10:48		2424.3	2438.65
02:10:39		2604.6	2681.99
02:10:30	115.2	2852.0	2867.22
02:10:21		2920.6	2939.65
02:10:12		3069.8	3100.57
02:10:03	115.3	3138.3	3151.06
02:09:54		3121.1	3132.28
02:09:45		3036.5	3029.53
02:09:36		2903.6	2929.89
02:09:27	115.2	2924.8	2937.61
02:09:18		2919.1	2930.97
02:09:09		2911.8	2924.60
02:09:00	115.2	2892.1	2903.36
02:08:51		2868.5	2880.71
02:08:42		2966.3	2998.47
02:08:33	115.4	3727.3	3739.93
02:08:24		3585.9	3583.79
02:08:15		4060.6	4071.23
02:08:06		3934.3	3928.07
02:07:57	115.3	3465.5	3394.63
02:07:48		2786.0	2763.61
02:07:39		2426.8	2443.23
02:07:30	115.1	2610.6	2663.29
02:07:21		2871.0	2889.62
02:07:12		2967.7	2992.48
02:07:03	115.3	3265.4	3307.82
02:06:54		3402.0	3396.41
02:06:45		3171.1	3167.51
02:06:36		2982.3	2986.91
02:06:27	115.1	2854.9	2864.49
02:06:18		2795.3	2800.58
02:06:09		2710.2	2718.80
02:06:00	115.0	2611.5	2615.68
02:05:51		2540.2	2549.26
02:05:42		2527.8	2540.77
02:05:33	115.0	2508.6	2520.02
02:05:24		2441.6	2442.25
02:05:15		2390.8	2414.70
02:05:06		2868.4	2886.34
02:04:57	115.2	2940.2	2960.85
02:04:48		3079.4	3108.67
02:04:39		3268.1	3269.05
02:04:30	115.2	3055.9	3048.84
02:04:21		2810.1	2804.18
02:04:12		2687.4	2705.49
02:04:03	115.0	2581.6	2593.71
02:03:54		2552.4	2562.92
02:03:45		2509.0	2513.47
02:03:36		2452.3	2464.63
02:03:27	115.0	2449.7	2464.50



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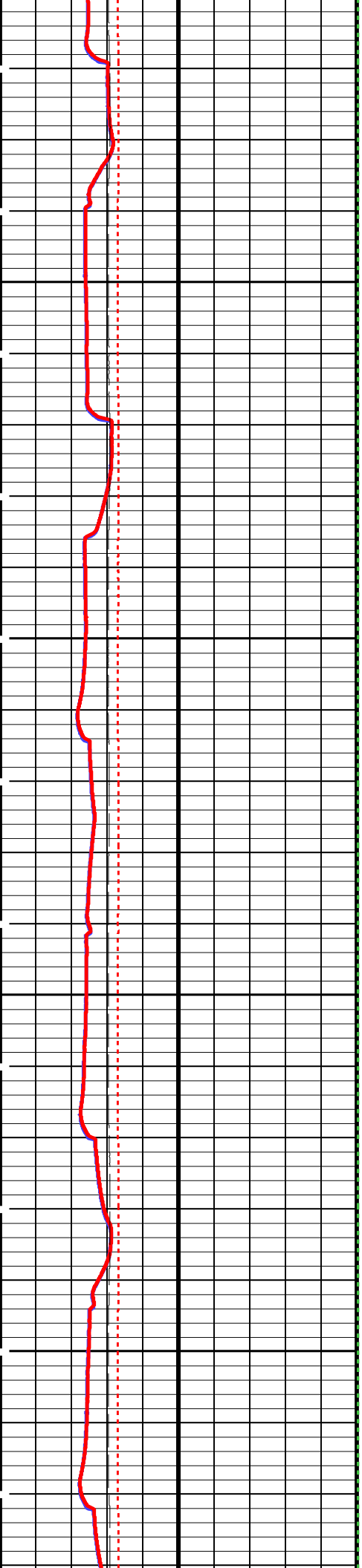

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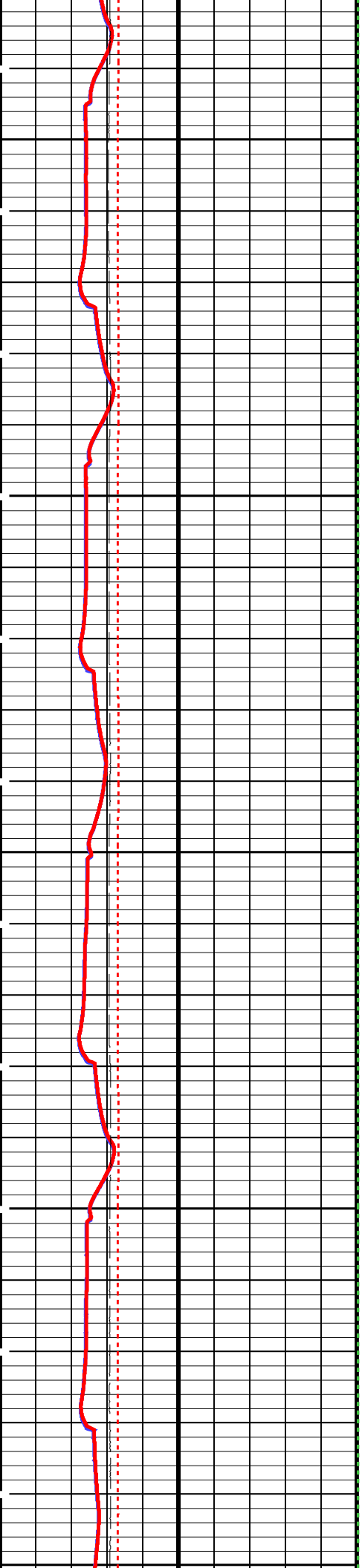

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01:31:30	115.3	2346.1	2385.91
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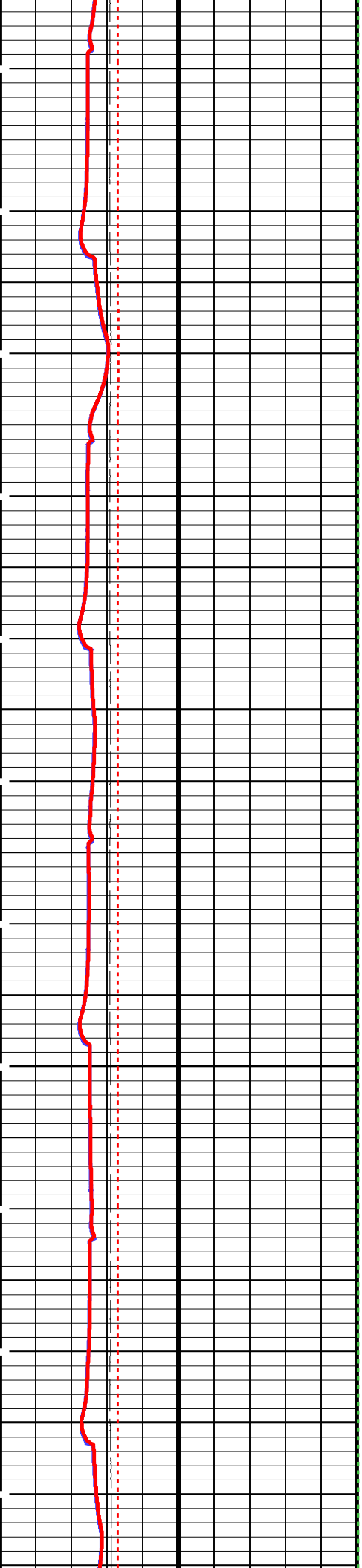

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01:28:39		2623.0	2637.99
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01:28:12		2859.4	2882.22
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01:26:42		2431.6	2443.31
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01:25:57	115.3	2366.1	2444.96
01:25:48		2535.4	2547.75
01:25:39		2556.9	2571.71
01:25:30	115.4	2600.4	2615.21
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01:25:12		2609.9	2621.21
01:25:03		2581.6	2592.15
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01:24:45		2497.0	2506.18
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01:23:06		2491.8	2504.99
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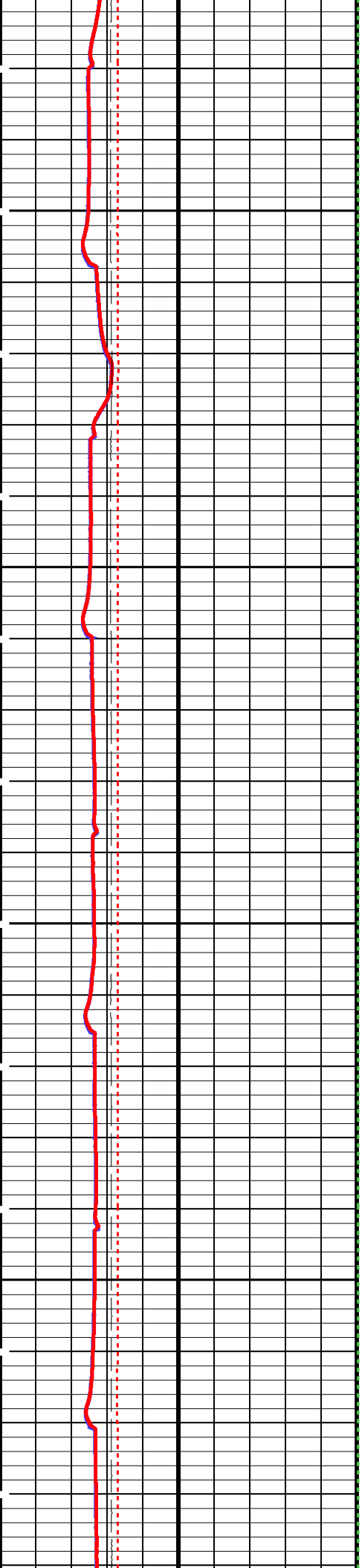

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01:14:33	115.5	2567.0	2578.37
01:14:24		2583.7	2596.12
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01:13:48		2618.8	2631.25
01:13:39		2685.6	2672.83
01:13:30	115.5	2573.3	2584.66
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01:13:03	115.5	2604.1	2615.48
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01:12:45		2605.4	2614.73
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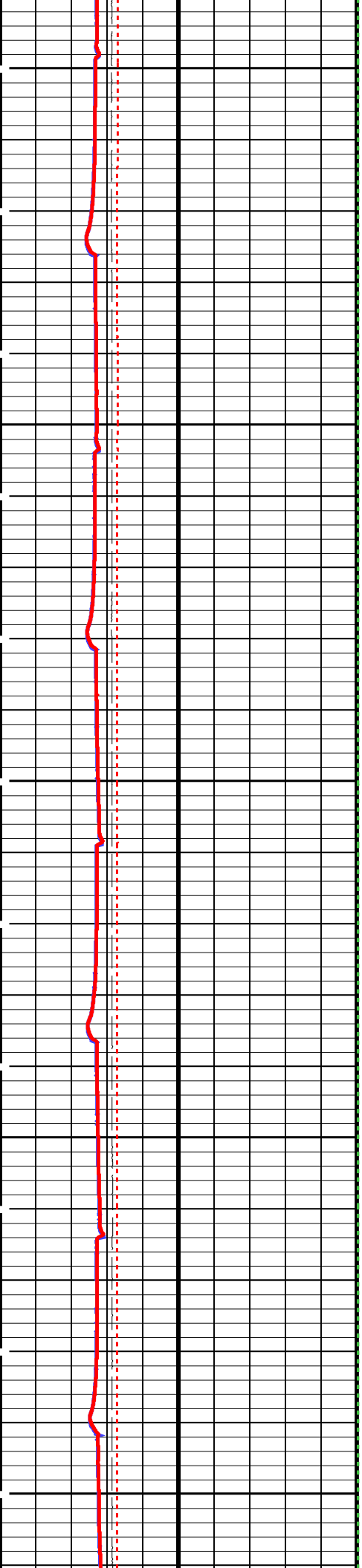

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01:04:39		2624.9	2634.74
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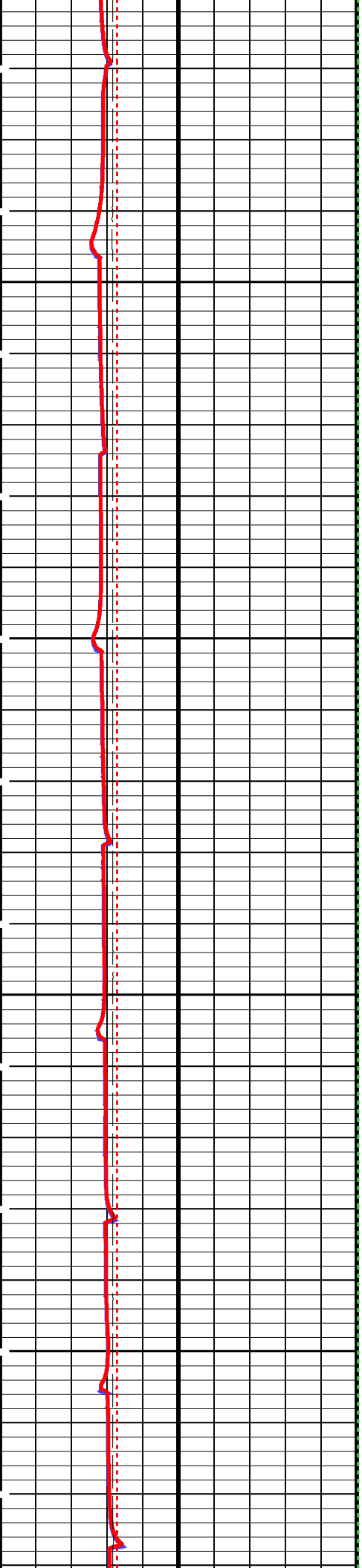

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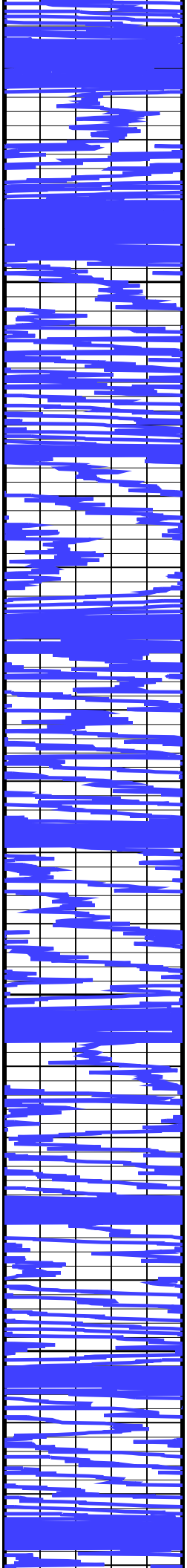

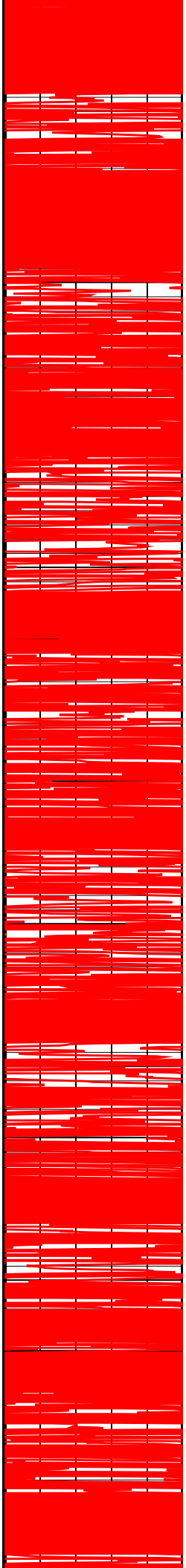

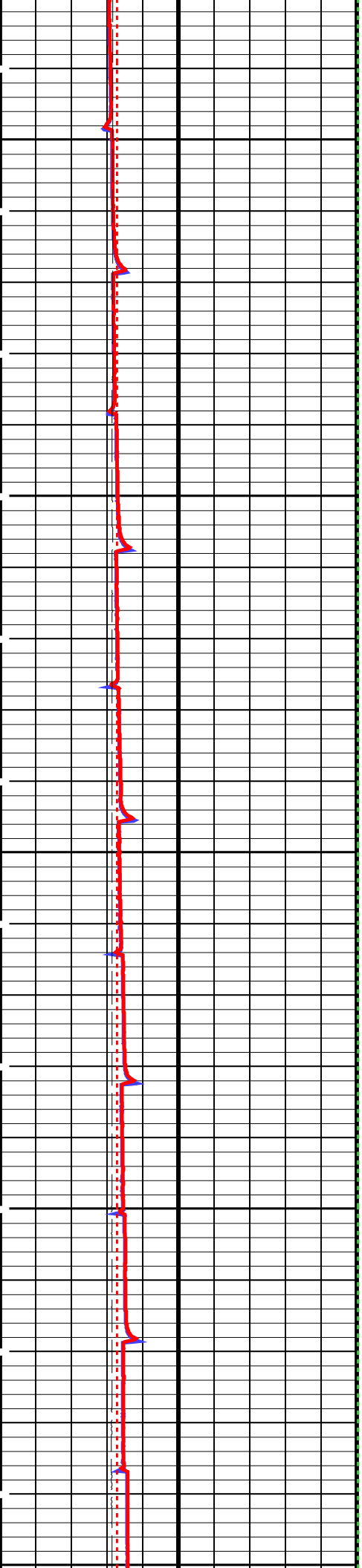

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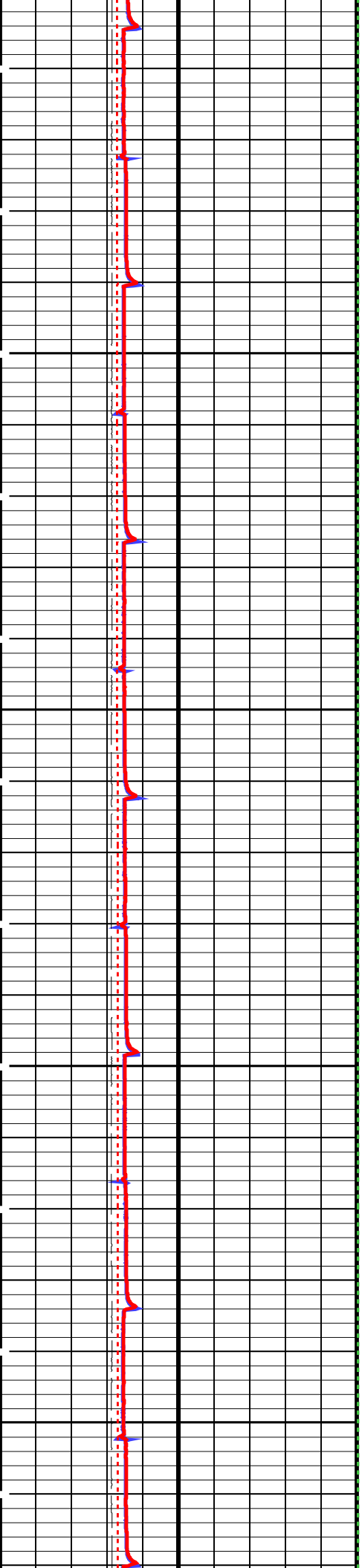

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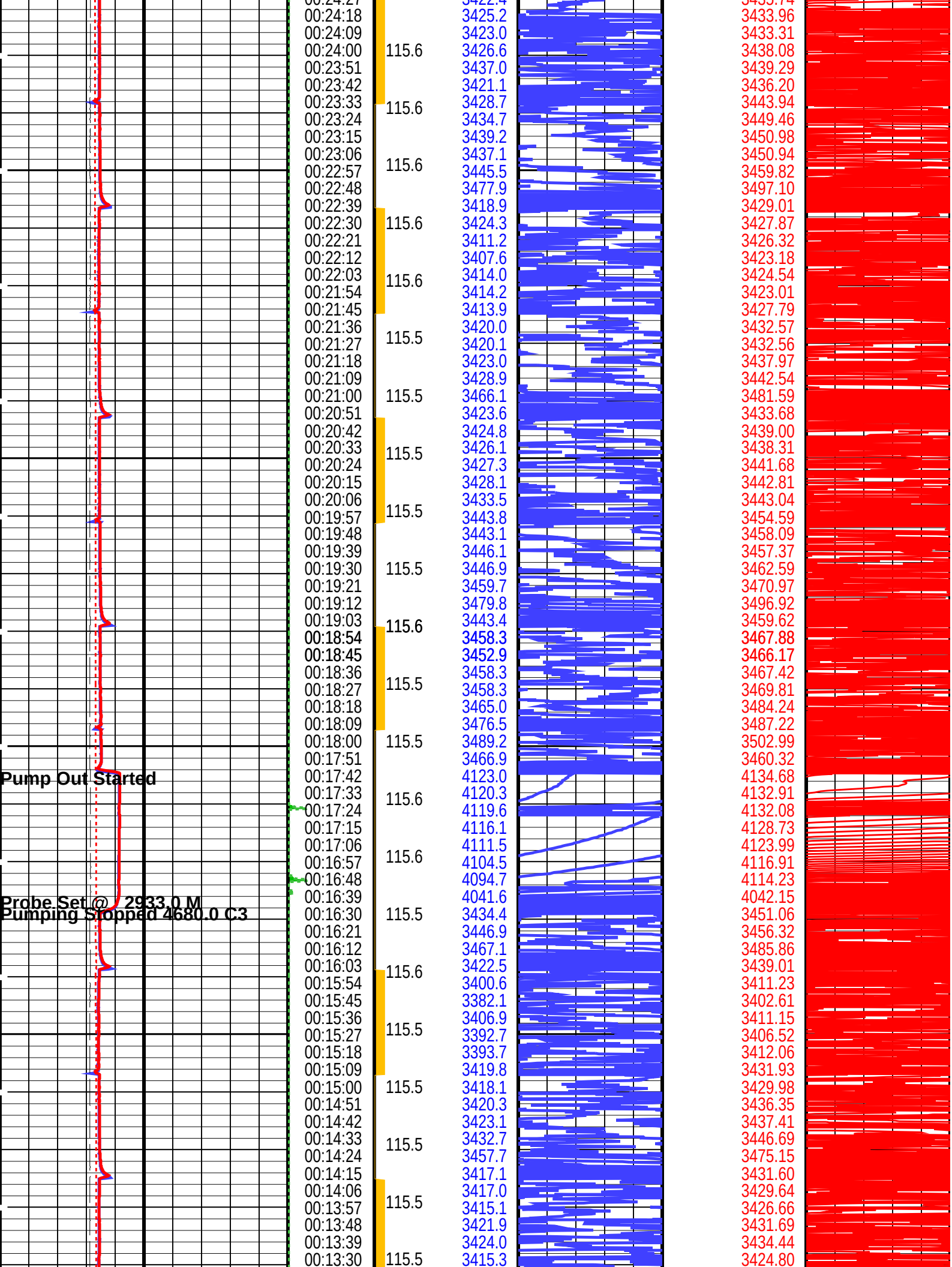

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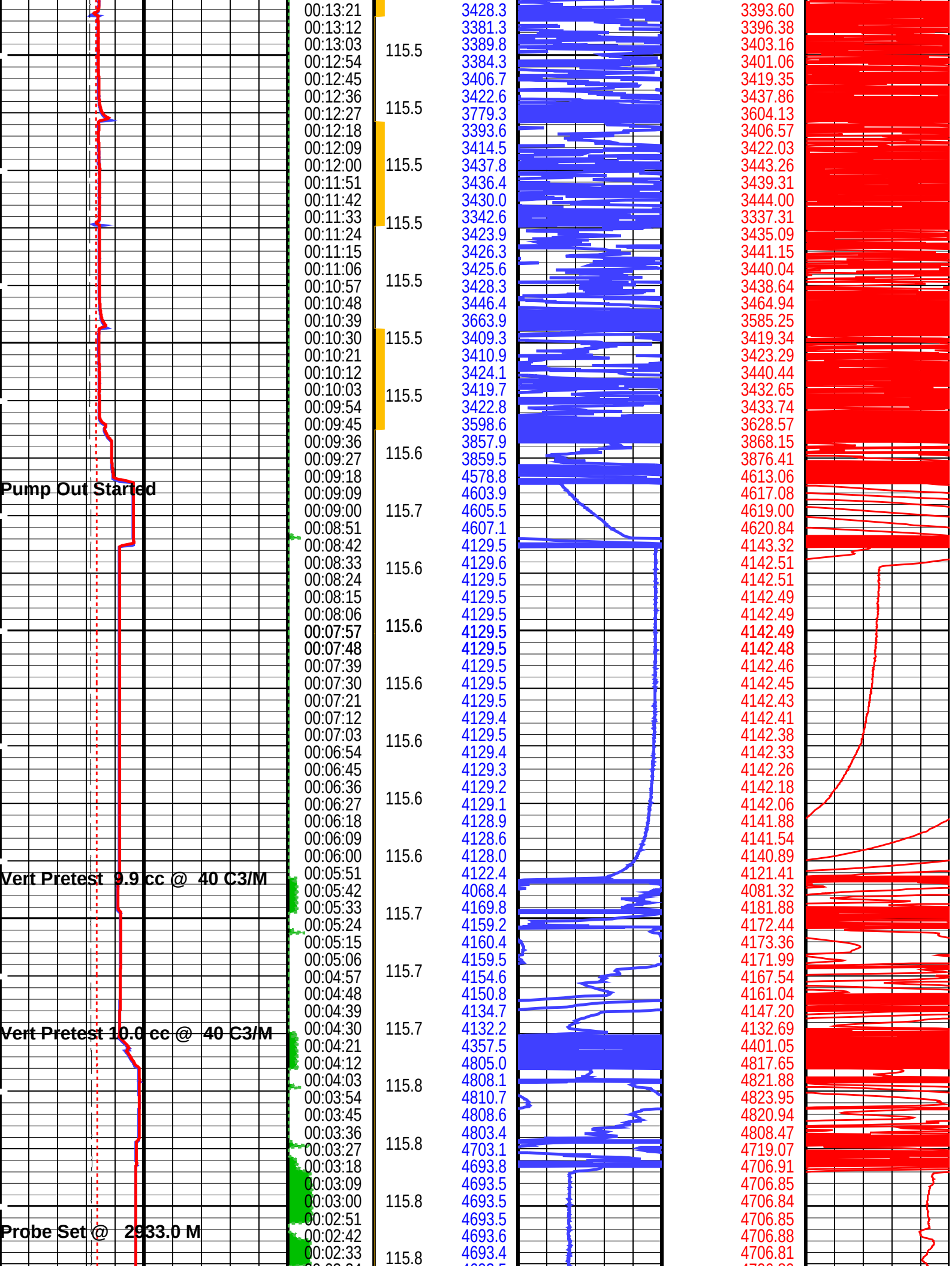

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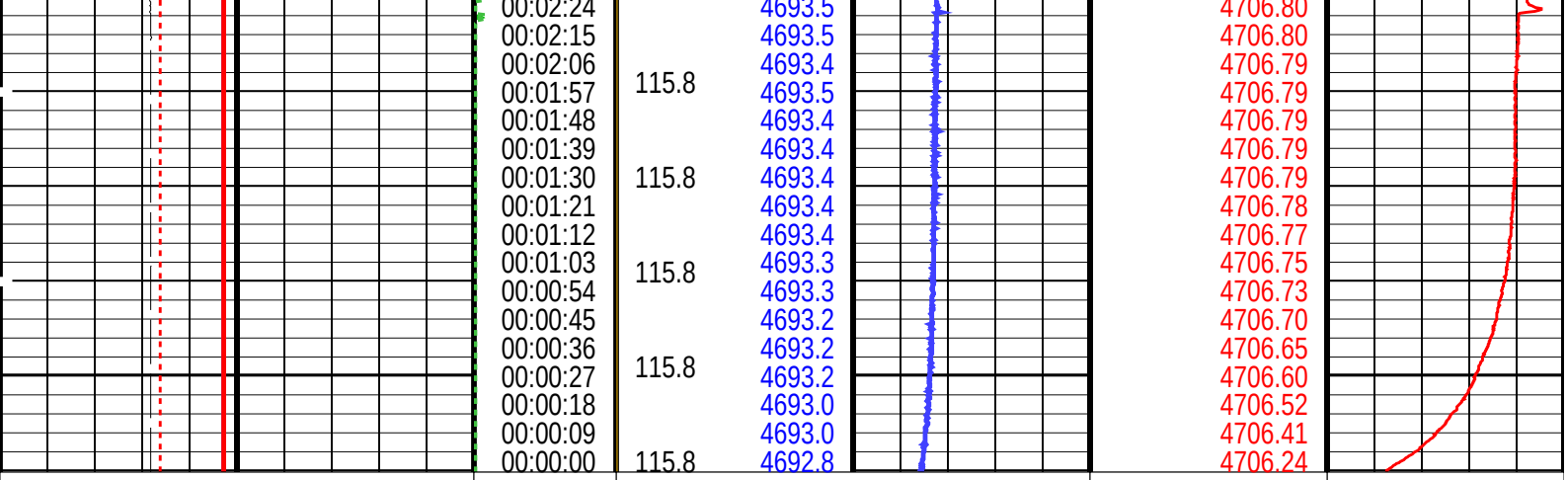
00:09:00	115.7	4605.5	4619.00
00:08:51		4607.1	4620.84
00:08:42		4129.5	4143.32
00:08:33	115.6	4129.6	4142.51
00:08:24		4129.5	4142.51
00:08:15		4129.5	4142.49
00:08:06		4129.5	4142.49
00:07:57	115.6	4129.5	4142.49
00:07:48		4129.5	4142.48
00:07:39		4129.5	4142.46
00:07:30	115.6	4129.5	4142.45
00:07:21		4129.5	4142.43
00:07:12		4129.4	4142.41
00:07:03	115.6	4129.5	4142.38
00:06:54		4129.4	4142.33
00:06:45		4129.3	4142.26
00:06:36		4129.2	4142.18
00:06:27	115.6	4129.1	4142.06
00:06:18		4128.9	4141.88
00:06:09		4128.6	4141.54
00:06:00	115.6	4128.0	4140.89
00:05:51		4122.4	4121.41
00:05:42		4068.4	4081.32
00:05:33	115.7	4169.8	4181.88
00:05:24		4159.2	4172.44
00:05:15		4160.4	4173.36
00:05:06		4159.5	4171.99
00:04:57	115.7	4154.6	4167.54
00:04:48		4150.8	4161.04
00:04:39		4134.7	4147.20
00:04:30	115.7	4132.2	4132.69
00:04:21		4357.5	4401.05
00:04:12		4805.0	4817.65
00:04:03	115.8	4808.1	4821.88
00:03:54		4810.7	4823.95
00:03:45		4808.6	4820.94
00:03:36		4803.4	4808.47
00:03:27	115.8	4703.1	4719.07
00:03:18		4693.8	4706.91
00:03:09		4693.5	4706.85
00:03:00	115.8	4693.5	4706.84
00:02:51		4693.5	4706.85
00:02:42		4693.6	4706.88
00:02:33	115.8	4693.4	4706.81



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:15

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_304LTP	FN:484	PRODUCER	02−Dec−2004 11:13	2933.0 M	26.8 M

Output DLIS Files

DEFAULT	MDT_OFA_090PTP	FN:89	PRODUCER	06−Dec−2004 13:15

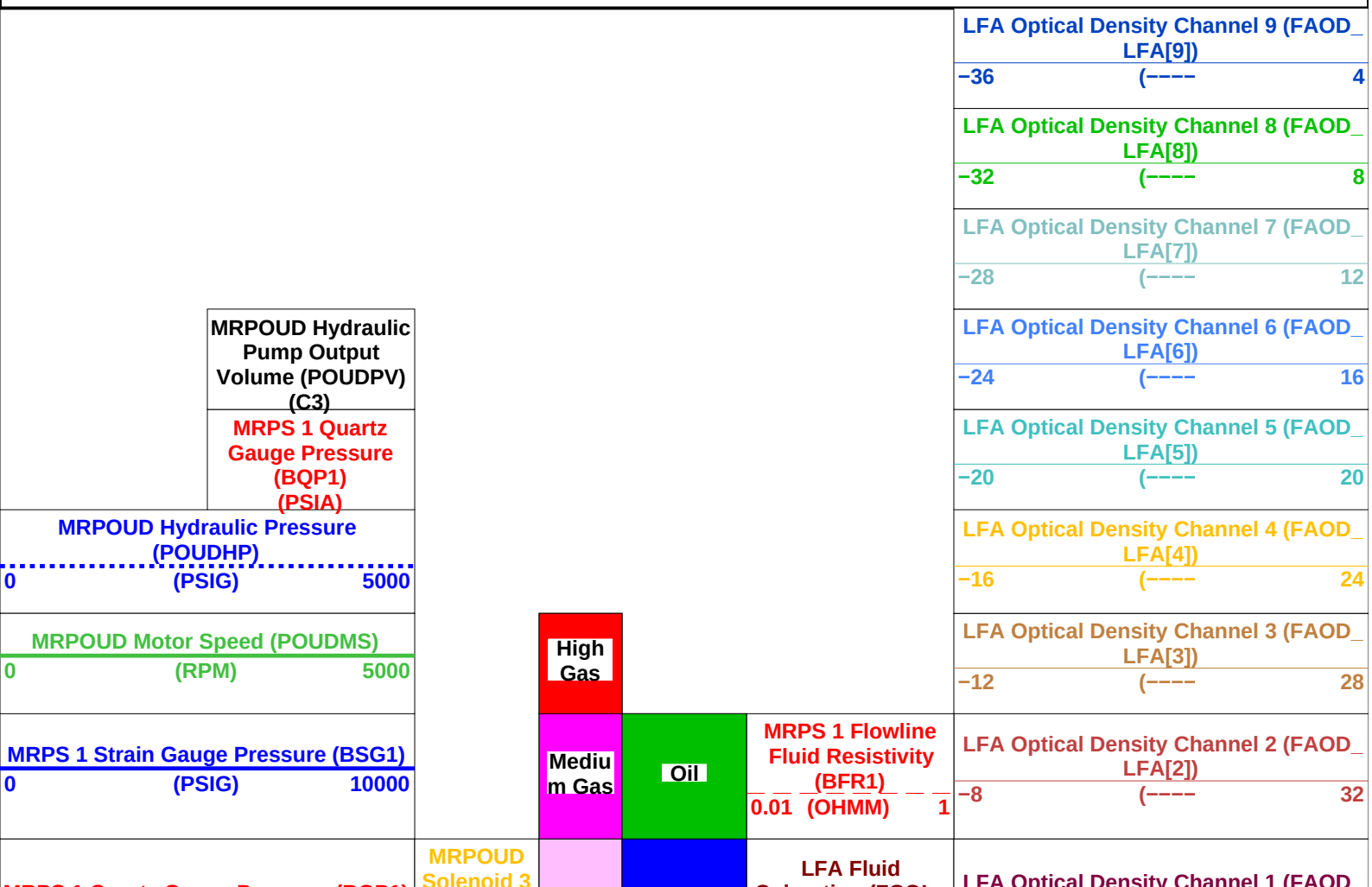
Input DLIS Files

DEFAULT	MDT_OFA_304LTP	FN:484	PRODUCER	02−Dec−2004 11:13	2933.0 M	26.8 M

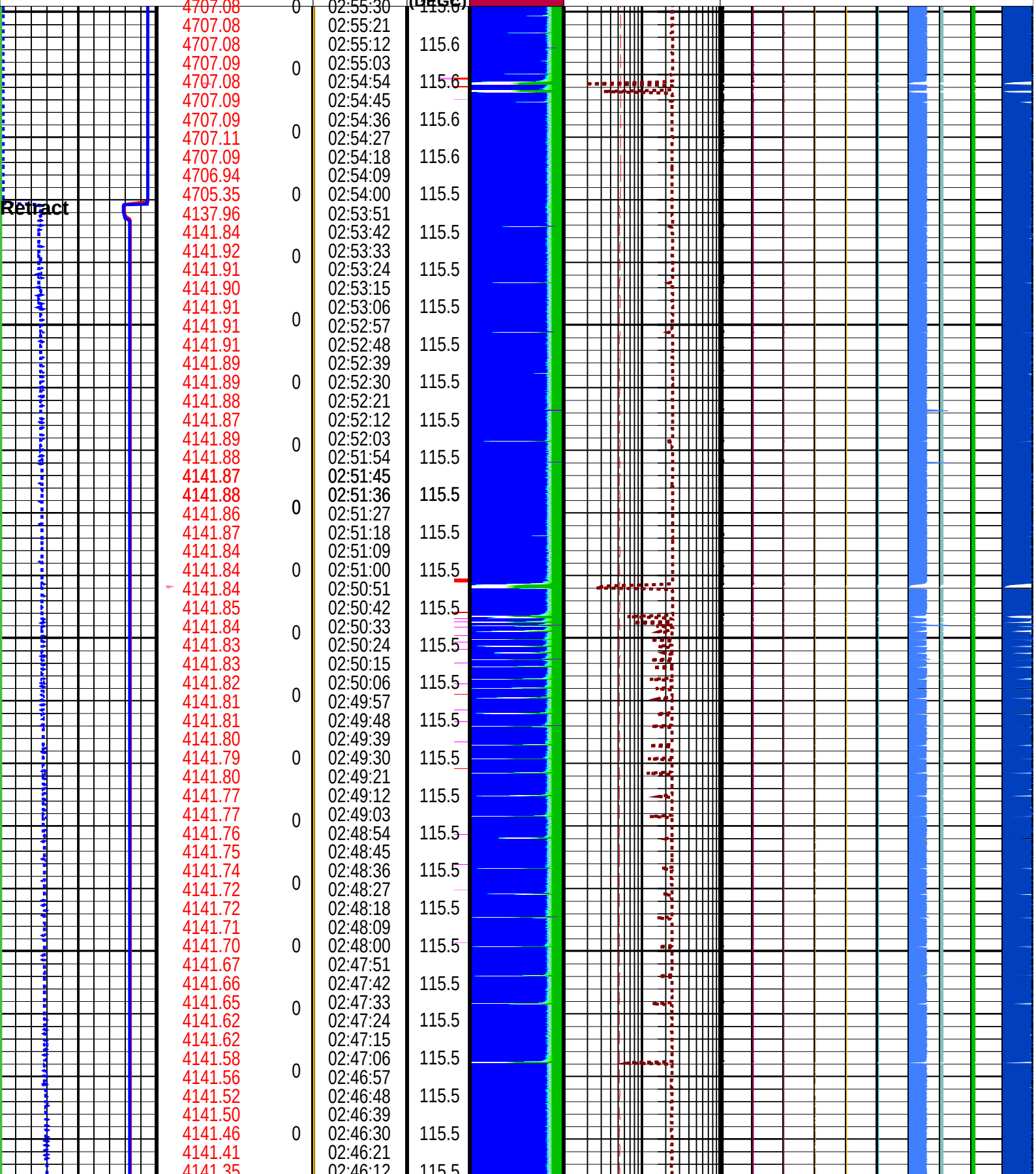
Output DLIS Files

DEFAULT	MDT_OFA_090PTP	FN:89	PRODUCER	06−Dec−2004 13:15	2933.0 M	26.8 M

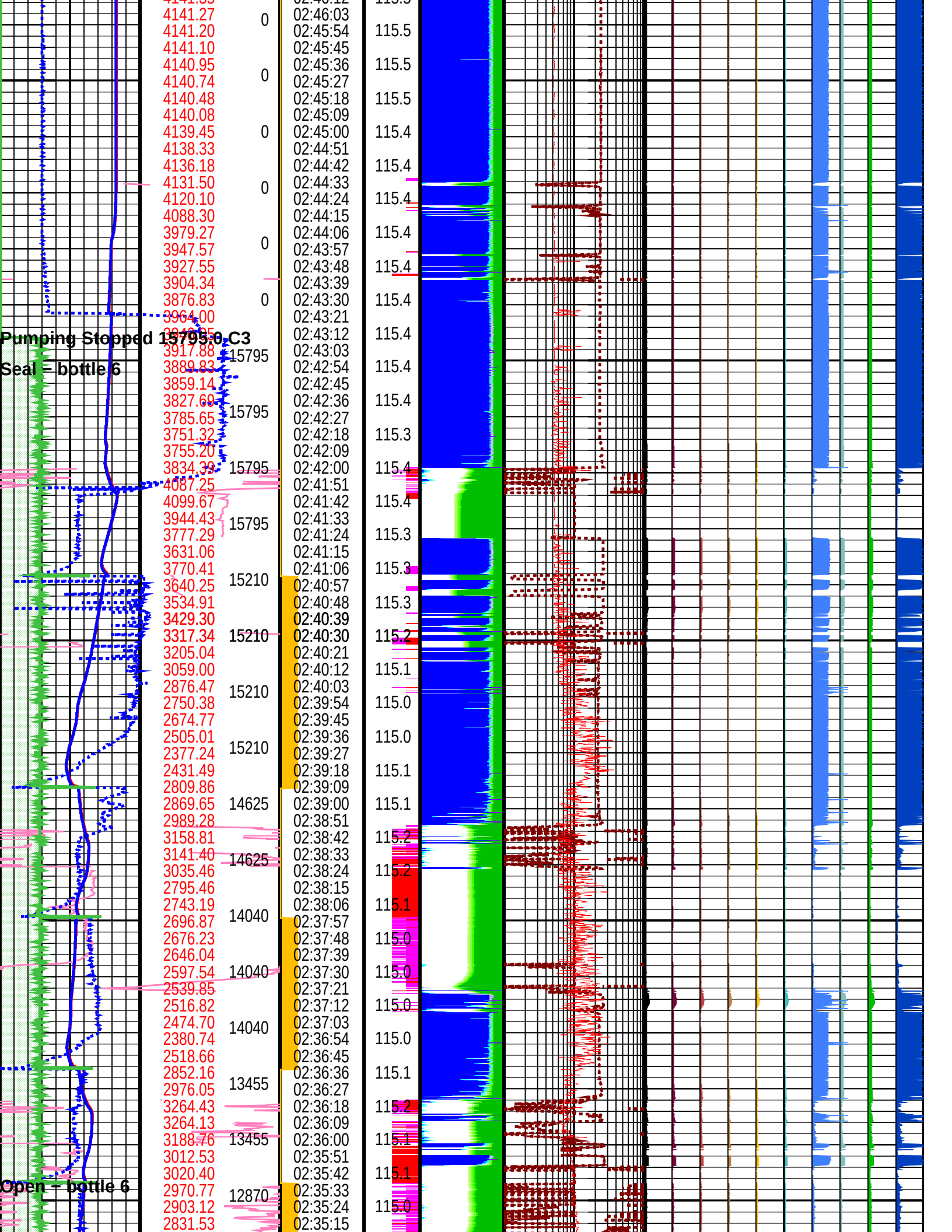
Elapsed Time (s)	Event Summary
10437.0	Retract Single Probe Module (MRPS) 1
9792.9	Pumping Stopped 15795.0 C3 Dual Up−down Pumpout Module (MRPOUD)
9776.4	Seal Multi−Sample Module (MRMS) 1, bottle 6
9338.7	Open Multi−Sample Module (MRMS) 1, bottle 6, sample number = 6
7709.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
7669.8	Probe Set @ 2933.0 M Single Probe Module (MRPS) 1
7661.7	Pumping Stopped 54405.0 C3 Dual Up−down Pumpout Module (MRPOUD)
1064.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
993.6	Pumping Stopped 4680.0 C3 Dual Up−down Pumpout Module (MRPOUD)
999.6	Probe Set @ 2933.0 M Single Probe Module (MRPS) 1
555.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
328.8	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
247.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
167.7	Probe Set @ 2933.0 M Single Probe Module (MRPS) 1

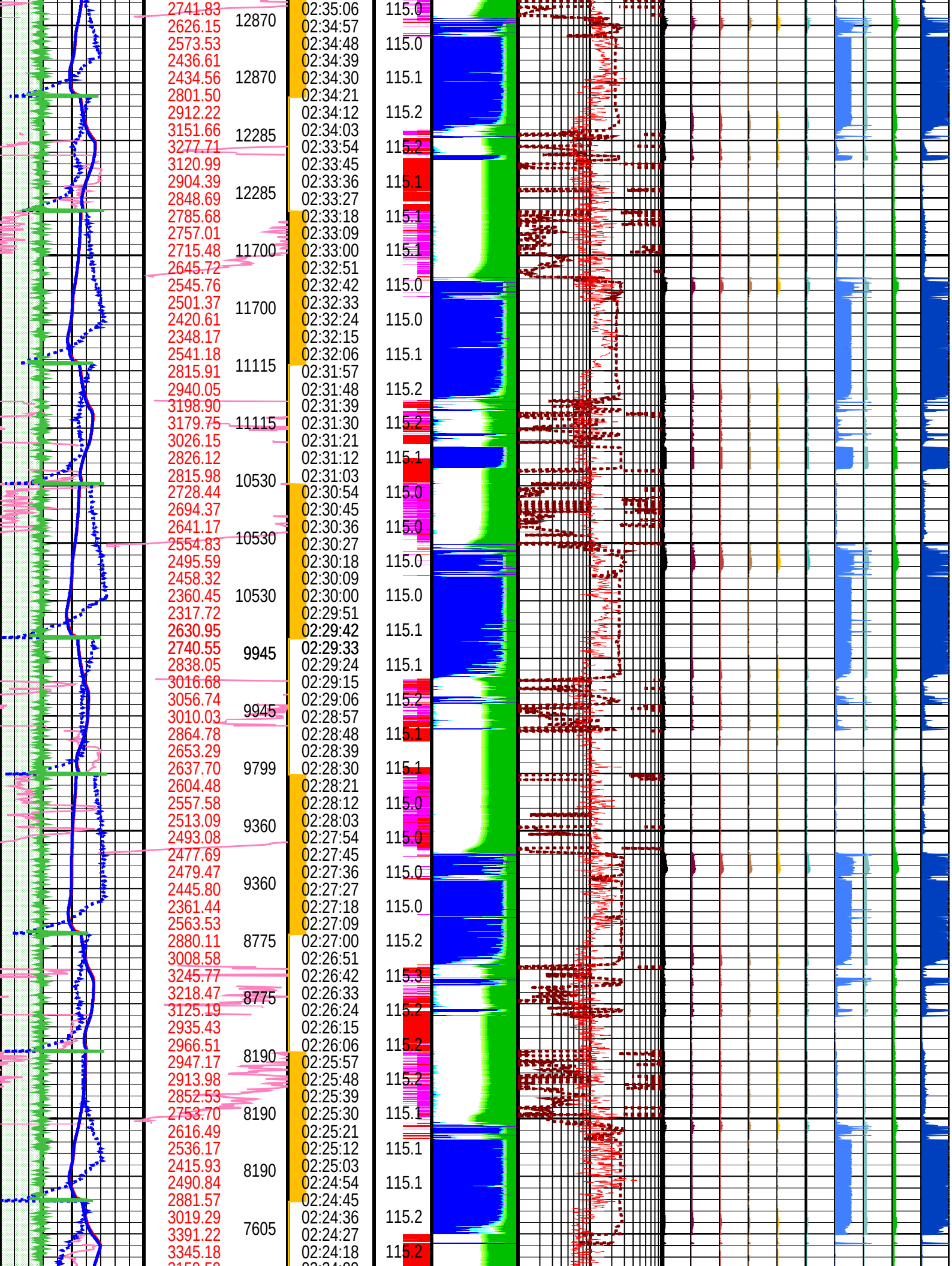


MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000	Status (POUDS3) 0 (---- 5	Low Gas	Water	Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 1 (FAOD_LFA[1]) -4 (---- 36
LFA GOR (GOR_LFA) 0 (F3/B) 5000	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40

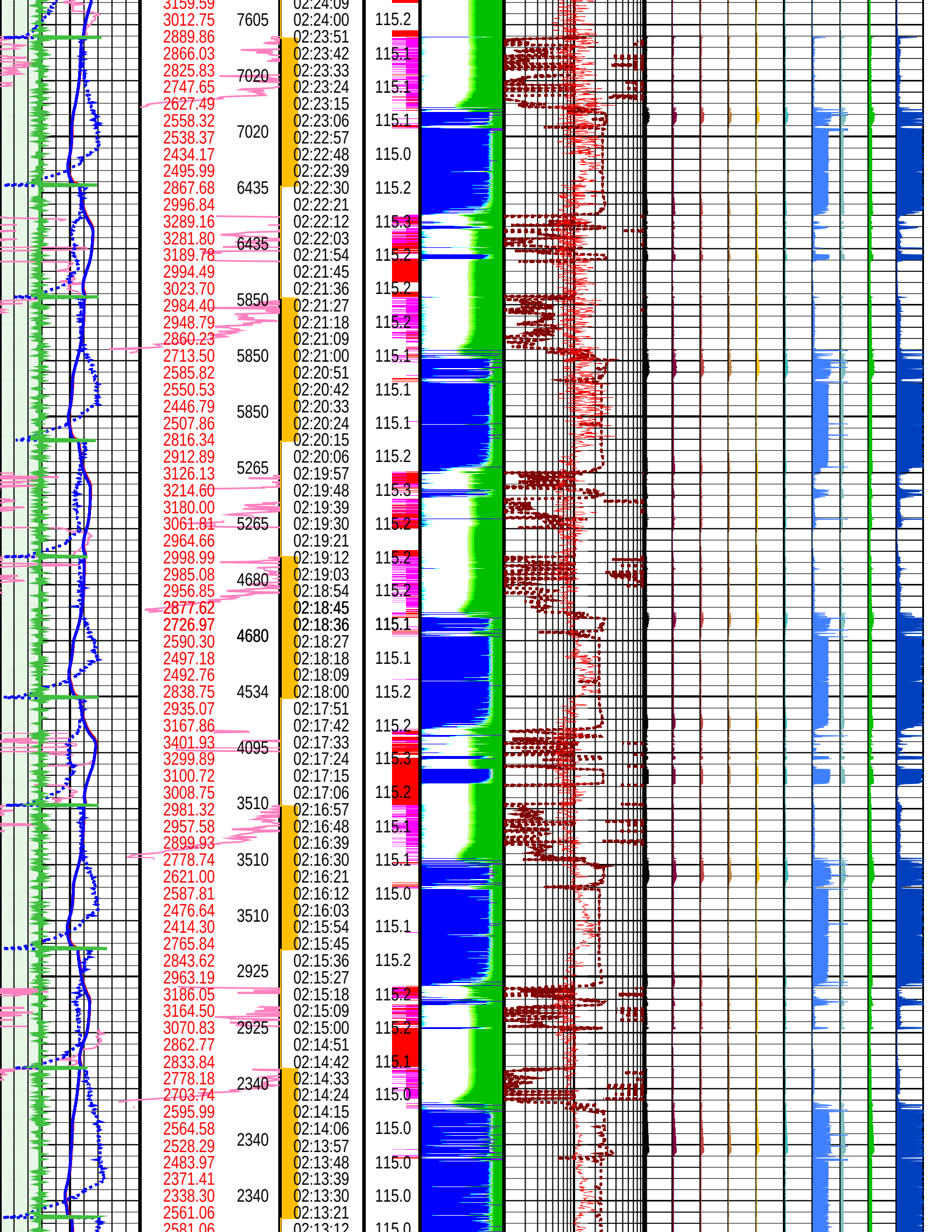


4707.08	0	02:55:30	115.6
4707.08		02:55:21	
4707.08		02:55:12	115.6
4707.09	0	02:55:03	
4707.08		02:54:54	115.6
4707.09		02:54:45	
4707.09	0	02:54:36	115.6
4707.11		02:54:27	
4707.09		02:54:18	115.6
4706.94		02:54:09	
4705.35	0	02:54:00	115.5
4137.96		02:53:51	
4141.84		02:53:42	115.5
4141.92	0	02:53:33	
4141.91		02:53:24	115.5
4141.90		02:53:15	
4141.91	0	02:53:06	115.5
4141.91		02:52:57	
4141.91		02:52:48	115.5
4141.89		02:52:39	
4141.89	0	02:52:30	115.5
4141.88		02:52:21	
4141.87		02:52:12	115.5
4141.89	0	02:52:03	
4141.88		02:51:54	115.5
4141.87		02:51:45	
4141.88	0	02:51:36	115.5
4141.86		02:51:27	
4141.87		02:51:18	115.5
4141.84		02:51:09	
4141.84	0	02:51:00	115.5
4141.84		02:50:51	
4141.85		02:50:42	115.5
4141.84	0	02:50:33	
4141.83		02:50:24	115.5
4141.83		02:50:15	
4141.82	0	02:50:06	115.5
4141.81		02:49:57	
4141.81		02:49:48	115.5
4141.80		02:49:39	
4141.79	0	02:49:30	115.5
4141.80		02:49:21	
4141.77		02:49:12	115.5
4141.77	0	02:49:03	
4141.76		02:48:54	115.5
4141.75		02:48:45	
4141.74	0	02:48:36	115.5
4141.72		02:48:27	
4141.72		02:48:18	115.5
4141.71		02:48:09	
4141.70	0	02:48:00	115.5
4141.67		02:47:51	
4141.66		02:47:42	115.5
4141.65	0	02:47:33	
4141.62		02:47:24	115.5
4141.62		02:47:15	
4141.58		02:47:06	115.5
4141.56	0	02:46:57	
4141.52		02:46:48	115.5
4141.50		02:46:39	
4141.46	0	02:46:30	115.5
4141.41		02:46:21	
4141.35		02:46:12	115.5


Pumping Stopped 15795.0 C3
Seal – bottle 6
Open – bottle 6
4141.27 0 02:46:03
4141.20 02:45:54 115.5
4141.10 02:45:45
4140.95 02:45:36 115.5
4140.74 0 02:45:27
4140.48 02:45:18 115.5
4140.08 02:45:09
4139.45 0 02:45:00 115.4
4138.33 02:44:51
4136.18 02:44:42 115.4
4131.50 0 02:44:33
4120.10 02:44:24 115.4
4088.30 02:44:15
3979.27 02:44:06 115.4
3947.57 0 02:43:57
3927.55 02:43:48 115.4
3904.34 02:43:39
3876.83 0 02:43:30 115.4
3964.00 02:43:21
02:43:12 115.4
3917.88 15795 02:43:03
3889.83 02:42:54 115.4
3859.14 02:42:45
3827.60 02:42:36 115.4
3785.65 15795 02:42:27
3751.32 02:42:18 115.3
3755.20 02:42:09
3834.39 15795 02:42:00 115.4
4087.25 02:41:51
4099.67 02:41:42 115.4
3944.43 15795 02:41:33
3777.29 02:41:24 115.3
3631.06 02:41:15
3770.41 02:41:06 115.3
3640.25 15210 02:40:57
3534.91 02:40:48 115.3
3429.30 02:40:39
3317.34 15210 02:40:30 115.2
3205.04 02:40:21
3059.00 02:40:12 115.1
2876.47 15210 02:40:03
2750.38 02:39:54 115.0
2674.77 02:39:45
2505.01 02:39:36 115.0
2377.24 15210 02:39:27
2431.49 02:39:18 115.1
2809.86 02:39:09
2869.65 14625 02:39:00 115.1
2989.28 02:38:51
3158.81 02:38:42 115.2
3141.40 14625 02:38:33
3035.46 02:38:24 115.2
2795.46 02:38:15
2743.19 02:38:06 115.1
2696.87 14040 02:37:57
2676.23 02:37:48 115.0
2646.04 02:37:39
2597.54 14040 02:37:30 115.0
2539.85 02:37:21
2516.82 02:37:12 115.0
2474.70 14040 02:37:03
2380.74 02:36:54 115.0
2518.66 02:36:45
2852.16 02:36:36 115.1
2976.05 13455 02:36:27
3264.43 02:36:18 115.2
3264.13 02:36:09
3188.76 13455 02:36:00 115.1
3012.53 02:35:51
3020.40 02:35:42 115.1
2970.77 12870 02:35:33
2903.12 02:35:24 115.0
2831.53 02:35:15



2741.83		02:35:06	115.0
2626.15	12870	02:34:57	
2573.53		02:34:48	115.0
2436.61		02:34:39	
2434.56	12870	02:34:30	115.1
2801.50		02:34:21	
2912.22		02:34:12	115.2
3151.66	12285	02:34:03	
3277.71		02:33:54	115.2
3120.99		02:33:45	
2904.39	12285	02:33:36	115.1
2848.69		02:33:27	
2785.68		02:33:18	115.1
2757.01		02:33:09	
2715.48	11700	02:33:00	115.1
2645.72		02:32:51	
2545.76		02:32:42	115.0
2501.37	11700	02:32:33	
2420.61		02:32:24	115.0
2348.17		02:32:15	
2541.18		02:32:06	115.1
2815.91	11115	02:31:57	
2940.05		02:31:48	115.2
3198.90		02:31:39	
3179.75	11115	02:31:30	115.2
3026.15		02:31:21	
2826.12		02:31:12	115.1
2815.98	10530	02:31:03	
2728.44		02:30:54	115.0
2694.37		02:30:45	
2641.17		02:30:36	115.0
2554.83	10530	02:30:27	
2495.59		02:30:18	115.0
2458.32		02:30:09	
2360.45	10530	02:30:00	115.0
2317.72		02:29:51	
2630.95		02:29:42	115.1
2740.55	9945	02:29:33	
2838.05		02:29:24	115.1
3016.68		02:29:15	
3056.74		02:29:06	115.2
3010.03	9945	02:28:57	
2864.78		02:28:48	115.1
2653.29		02:28:39	
2637.70	9799	02:28:30	115.1
2604.48		02:28:21	
2557.58		02:28:12	115.0
2513.09	9360	02:28:03	
2493.08		02:27:54	115.0
2477.69		02:27:45	
2479.47		02:27:36	115.0
2445.80	9360	02:27:27	
2361.44		02:27:18	115.0
2563.53		02:27:09	
2880.11	8775	02:27:00	115.2
3008.58		02:26:51	
3245.77		02:26:42	115.3
3218.47	8775	02:26:33	
3125.19		02:26:24	115.2
2935.43		02:26:15	
2966.51		02:26:06	115.2
2947.17	8190	02:25:57	
2913.98		02:25:48	115.2
2852.53		02:25:39	
2753.70	8190	02:25:30	115.1
2616.49		02:25:21	
2536.17		02:25:12	115.1
2415.93	8190	02:25:03	
2490.84		02:24:54	115.1
2881.57		02:24:45	
3019.29		02:24:36	115.2
3391.22	7605	02:24:27	
3345.18		02:24:18	115.2


3159.59 02:24:09
3012.75 7605 02:24:00 115.2
2889.86 02:23:51
2866.03 02:23:42 115.1
2825.83 7020 02:23:33
2747.65 02:23:24 115.1
2627.49 02:23:15
2558.32 02:23:06 115.1
2538.37 7020 02:22:57
2434.17 02:22:48 115.0
2495.99 02:22:39
2867.68 6435 02:22:30 115.2
2996.84 02:22:21
3289.16 02:22:12 115.3
3281.80 6435 02:22:03
3189.78 02:21:54 115.2
2994.49 02:21:45
3023.70 02:21:36 115.2
2984.40 5850 02:21:27
2948.79 02:21:18 115.2
2860.23 02:21:09
2713.50 5850 02:21:00 115.1
2585.82 02:20:51
2550.53 02:20:42 115.1
2446.79 5850 02:20:33
2507.86 02:20:24 115.1
2816.34 02:20:15
2912.89 02:20:06 115.2
3126.13 5265 02:19:57
3214.60 02:19:48 115.3
3180.00 02:19:39
3061.81 5265 02:19:30 115.2
2964.66 02:19:21
2998.99 02:19:12 115.2
2985.08 4680 02:19:03
2956.85 02:18:54 115.2
2877.62 02:18:45
2726.97 4680 02:18:36 115.1
2590.30 02:18:27
2497.18 02:18:18 115.1
2492.76 02:18:09
2838.75 4534 02:18:00 115.2
2935.07 02:17:51
3167.86 02:17:42 115.2
3401.93 4095 02:17:33
3299.89 02:17:24 115.3
3100.72 02:17:15
3008.75 02:17:06 115.2
2981.32 3510 02:16:57
2957.58 02:16:48 115.1
2899.93 02:16:39
2778.74 3510 02:16:30 115.1
2621.00 02:16:21
2587.81 02:16:12 115.0
2476.64 3510 02:16:03
2414.30 02:15:54 115.1
2765.84 02:15:45
2843.62 02:15:36 115.2
2963.19 2925 02:15:27
3186.05 02:15:18 115.2
3164.50 02:15:09
3070.83 2925 02:15:00 115.2
2862.77 02:14:51
2833.84 02:14:42 115.1
2778.18 2340 02:14:33
2703.74 02:14:24 115.0
2595.99 02:14:15
2564.58 02:14:06 115.0
2528.29 2340 02:13:57
2483.97 02:13:48 115.0
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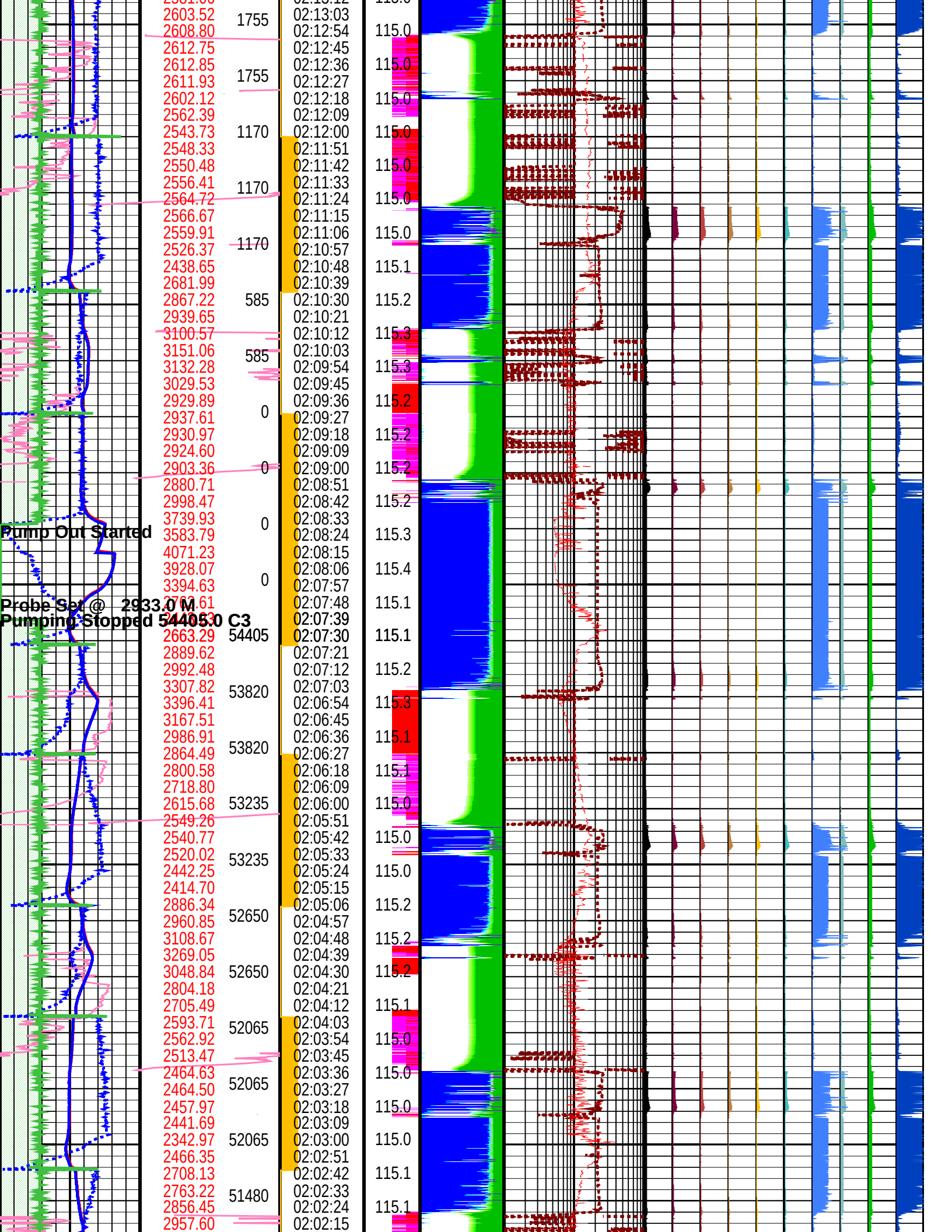
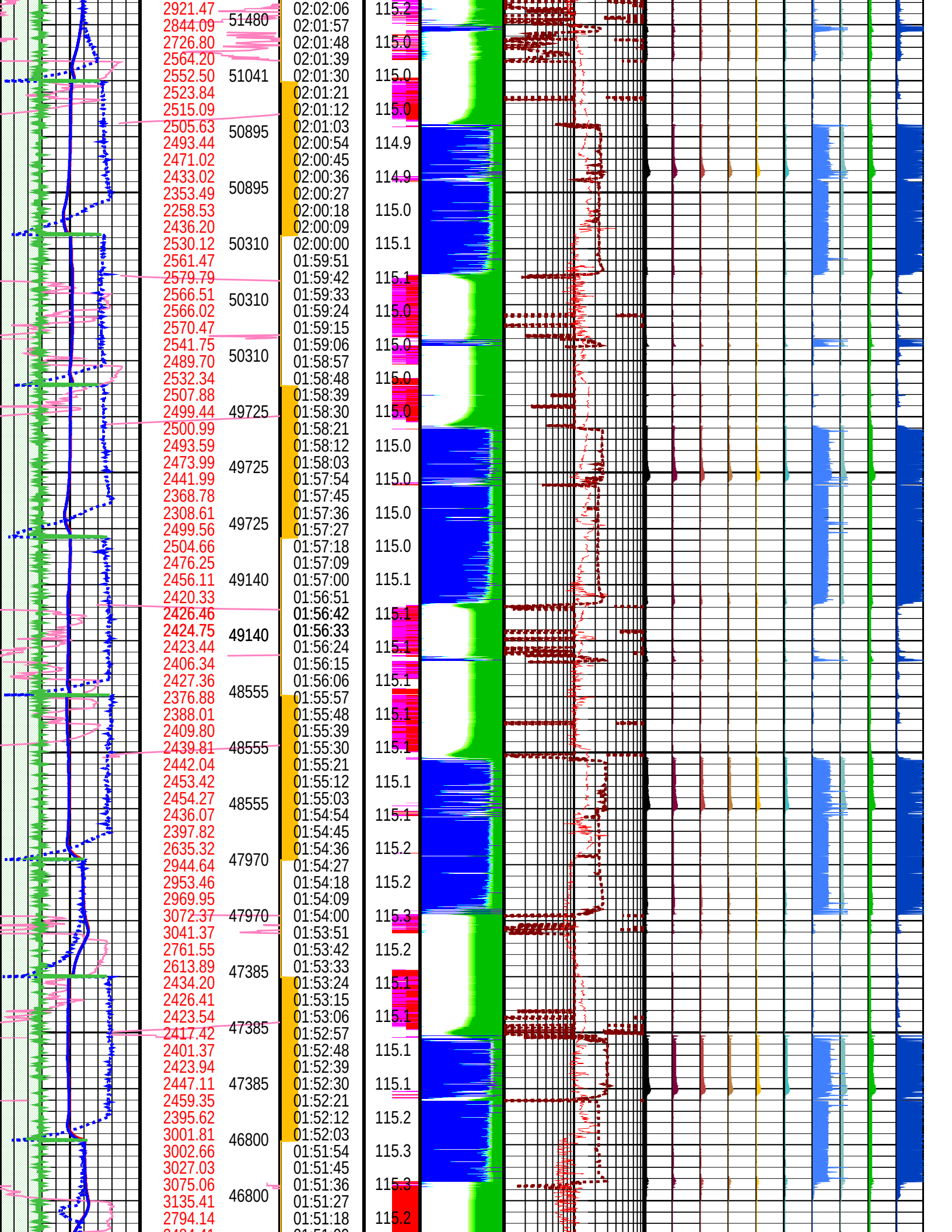
2338.30 2340 02:13:30 115.0
2561.06 02:13:21
2581.06 02:13:12 115.0


Pump Out Started
Probe Set @ 2933.0 M
Pumping Stopped 54405.0 C3



2921.47		02:02:06	115.2
2844.09	51480	02:01:57	
2726.80		02:01:48	115.0
2564.20		02:01:39	
2552.50	51041	02:01:30	115.0
2523.84		02:01:21	
2515.09		02:01:12	115.0
2505.63	50895	02:01:03	
2493.44		02:00:54	114.9
2471.02		02:00:45	
2433.02		02:00:36	114.9
2353.49	50895	02:00:27	
2258.53		02:00:18	115.0
2436.20		02:00:09	
2530.12	50310	02:00:00	115.1
2561.47		01:59:51	
2579.79		01:59:42	115.1
2566.51	50310	01:59:33	
2566.02		01:59:24	115.0
2570.47		01:59:15	
2541.75		01:59:06	115.0
2489.70	50310	01:58:57	
2532.34		01:58:48	115.0
2507.88		01:58:39	
2499.44	49725	01:58:30	115.0
2500.99		01:58:21	
2493.59		01:58:12	115.0
2473.99	49725	01:58:03	
2441.99		01:57:54	115.0
2368.78		01:57:45	
2308.61		01:57:36	115.0
2499.56	49725	01:57:27	
2504.66		01:57:18	115.0
2476.25		01:57:09	
2456.11	49140	01:57:00	115.1
2420.33		01:56:51	
2426.46		01:56:42	115.1
2424.75	49140	01:56:33	
2423.44		01:56:24	115.1
2406.34		01:56:15	
2427.36		01:56:06	115.1
2376.88	48555	01:55:57	
2388.01		01:55:48	115.1
2409.80		01:55:39	
2439.81	48555	01:55:30	115.1
2442.04		01:55:21	
2453.42		01:55:12	115.1
2454.27	48555	01:55:03	
2436.07		01:54:54	115.1
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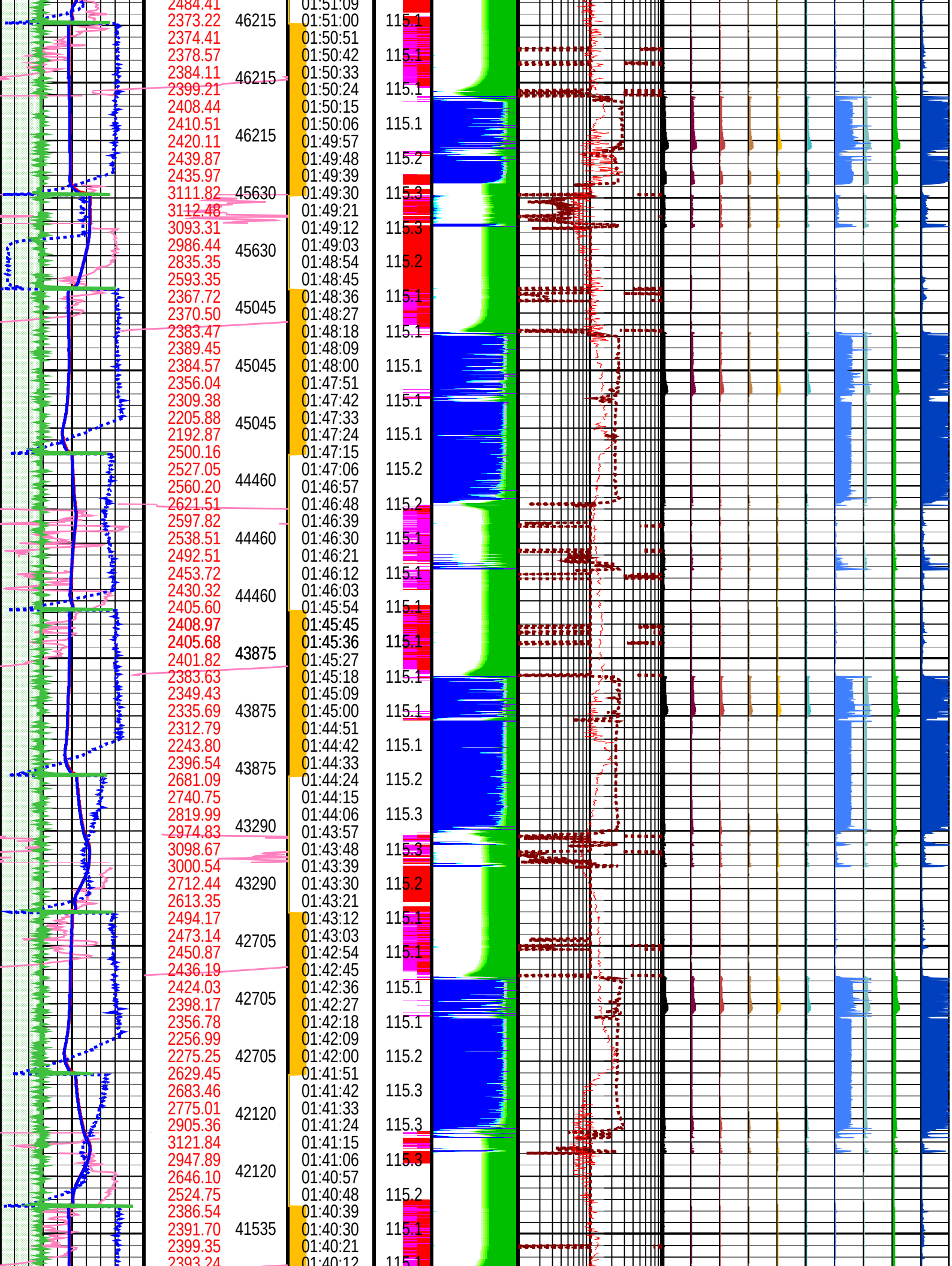

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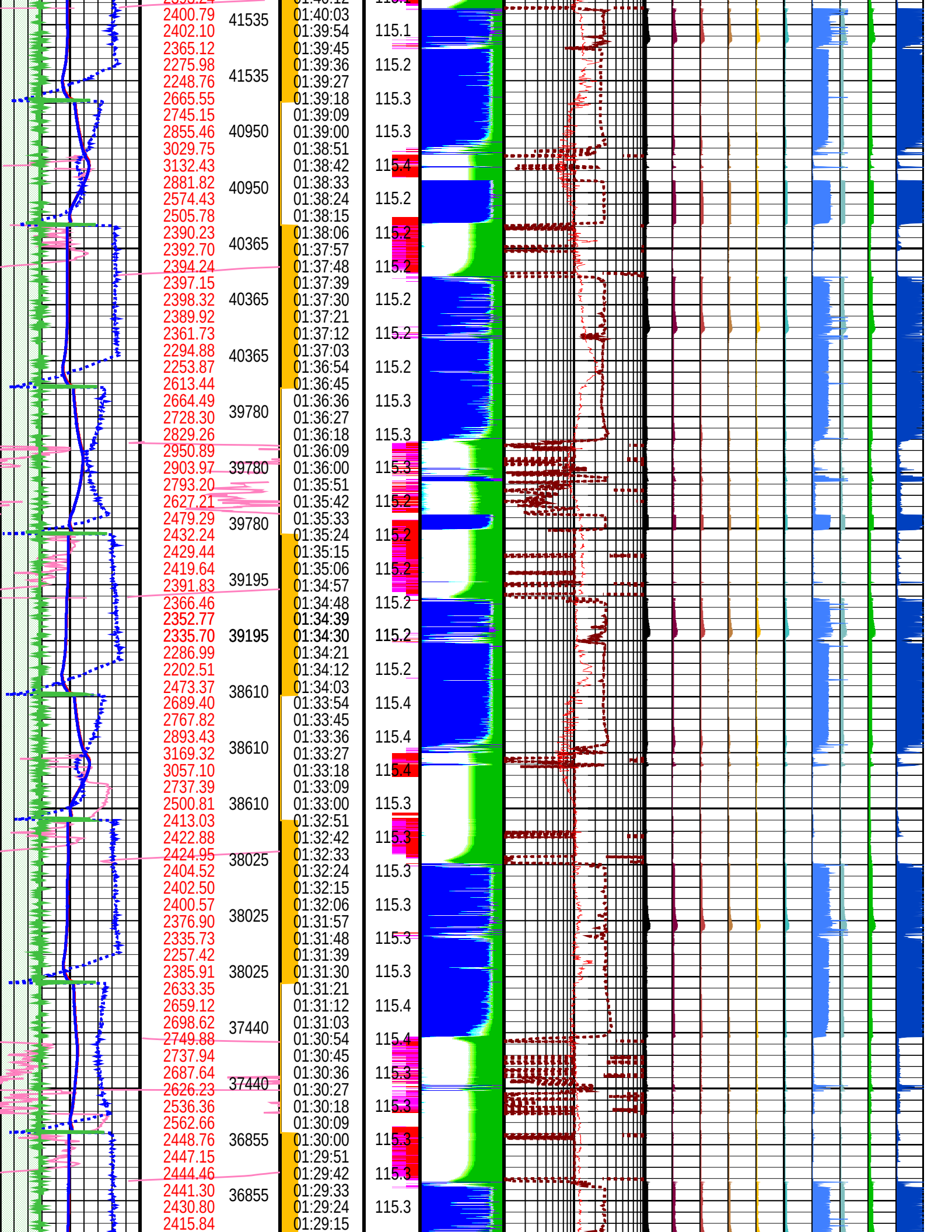
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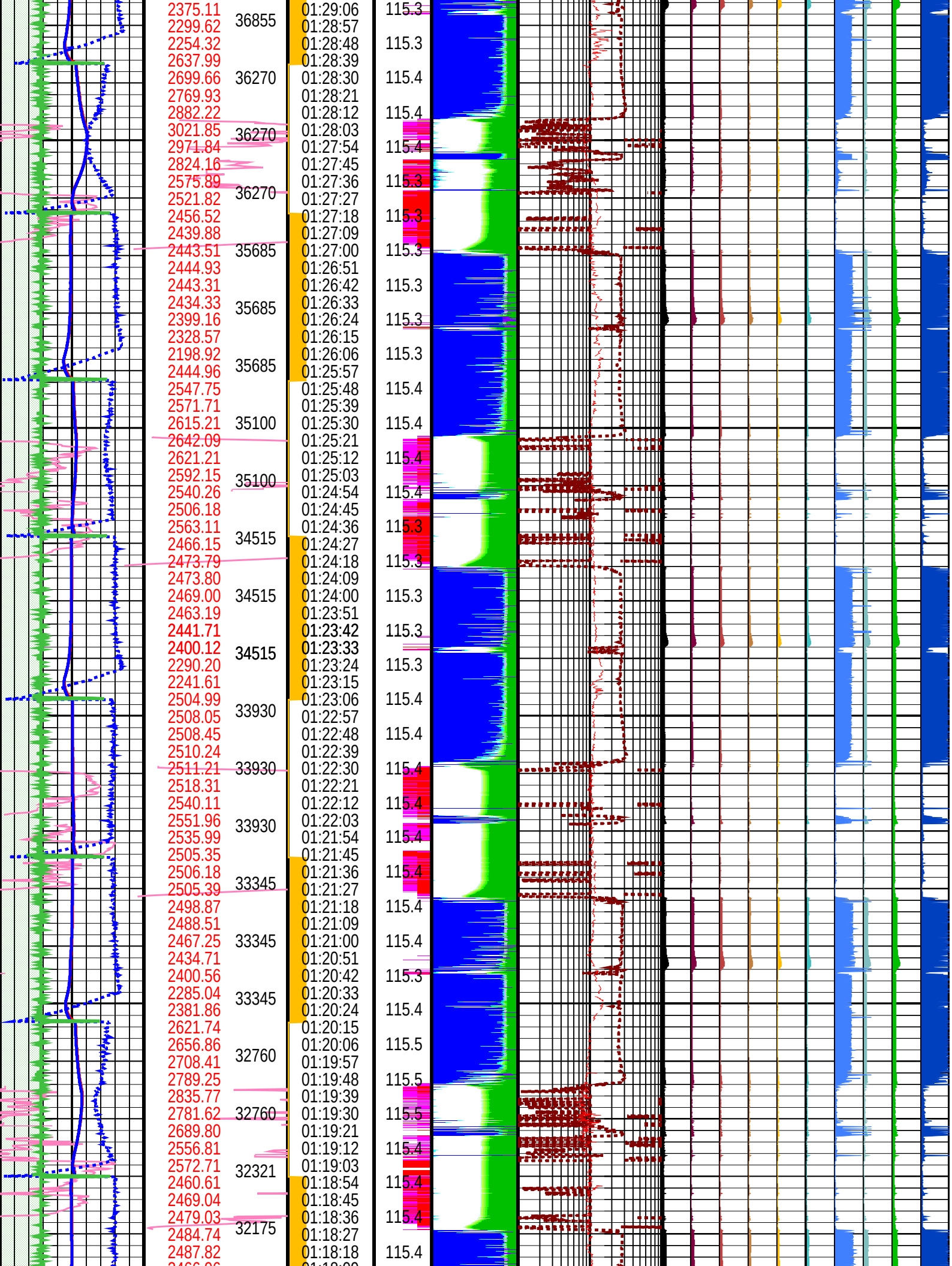

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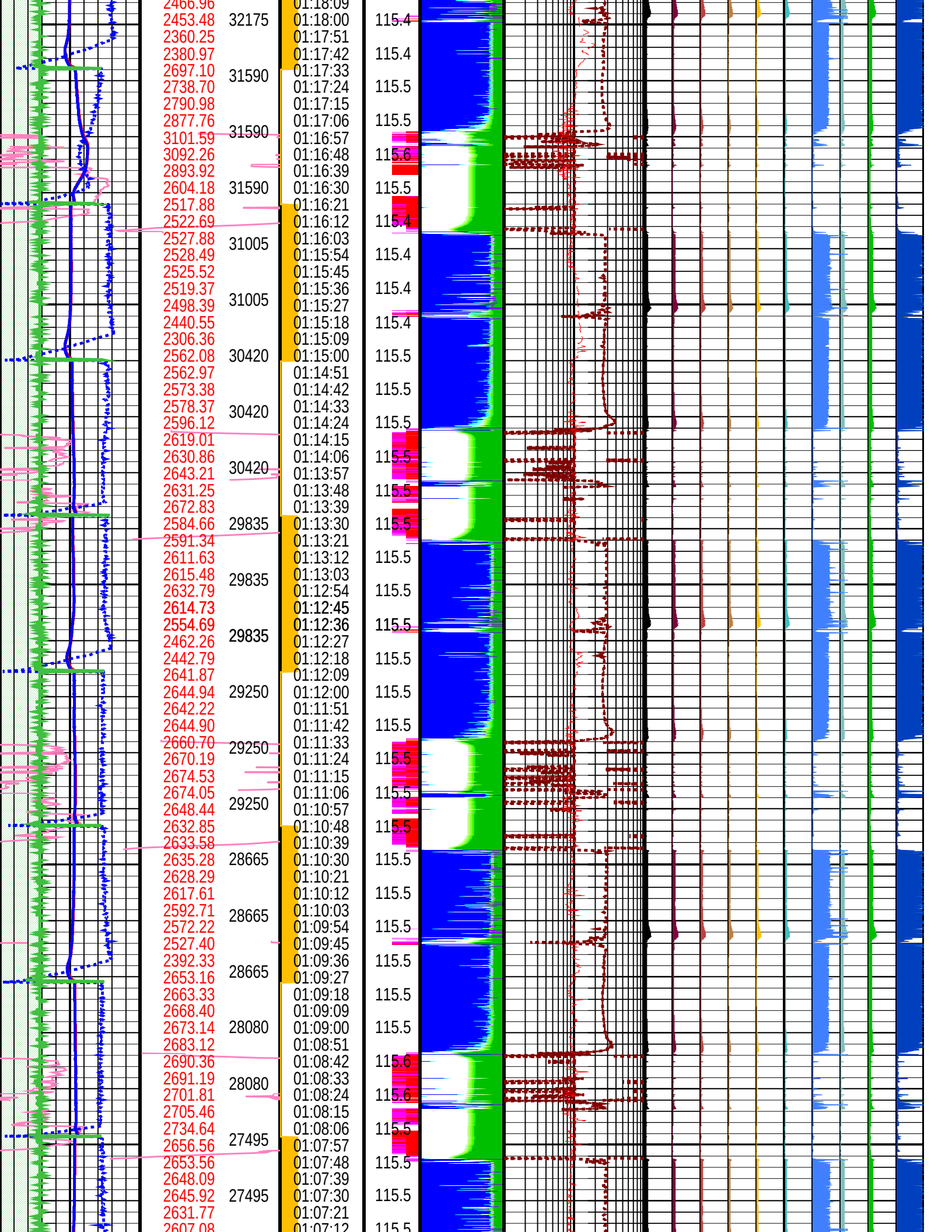
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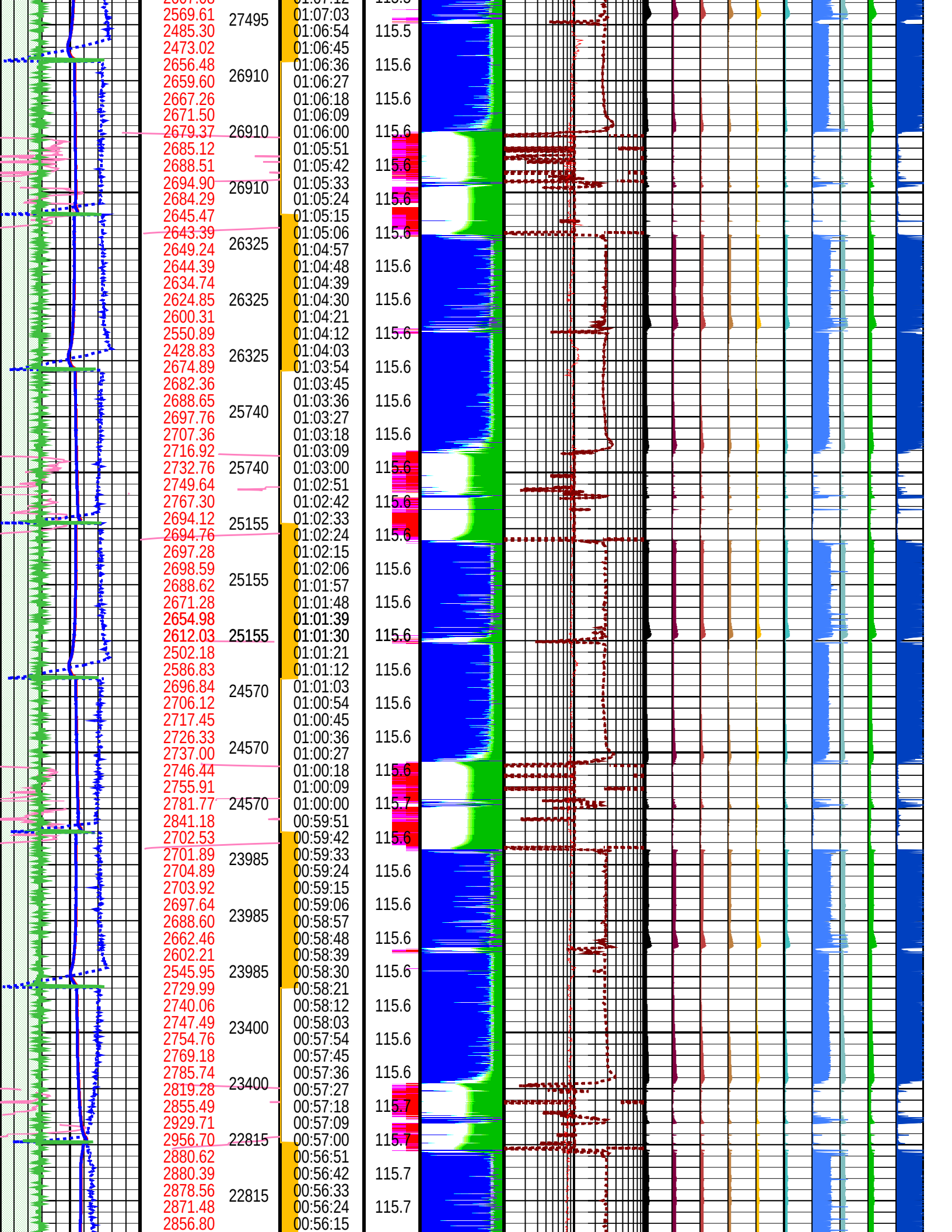
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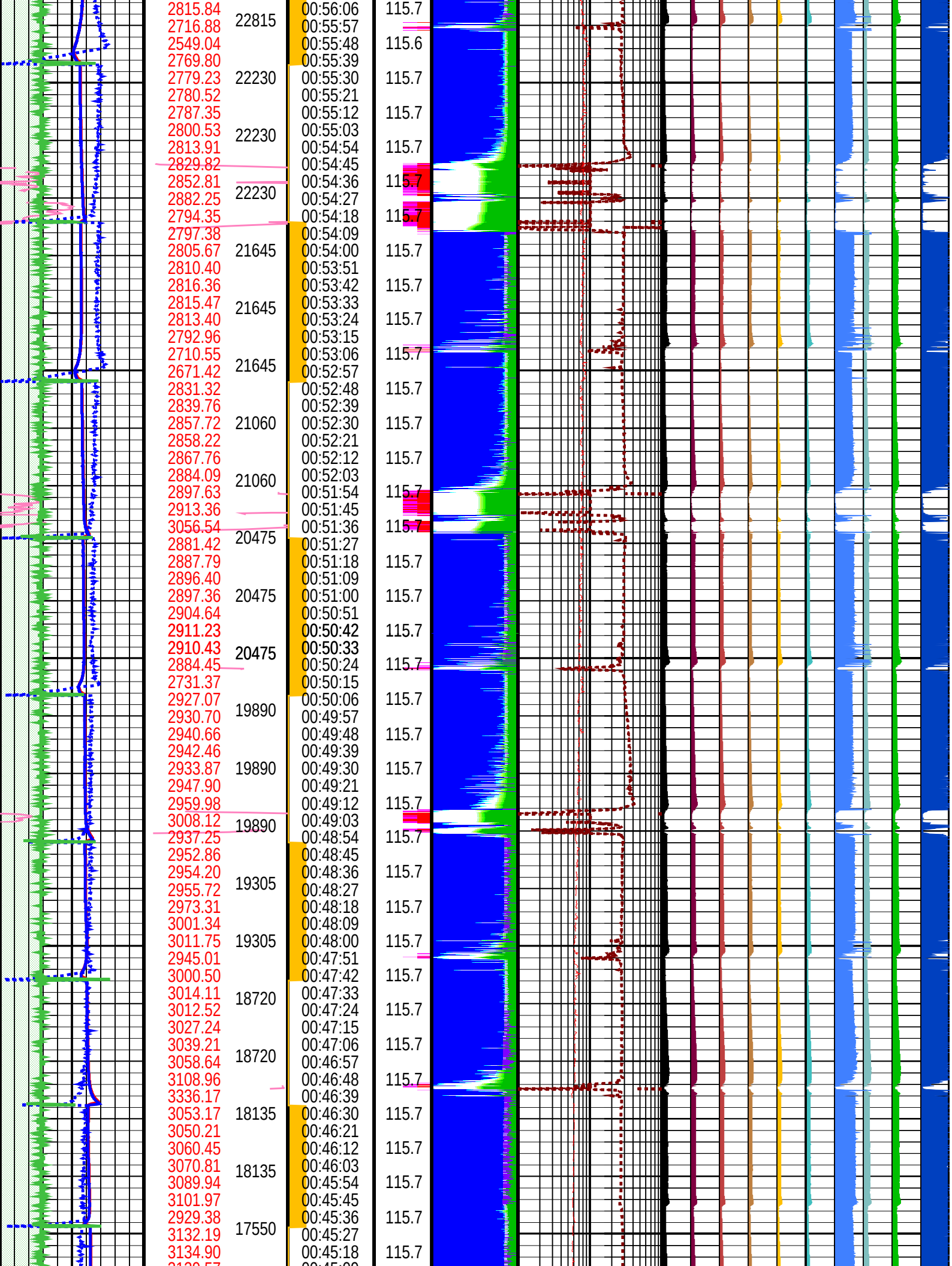

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3456.77		00:40:48	115.6
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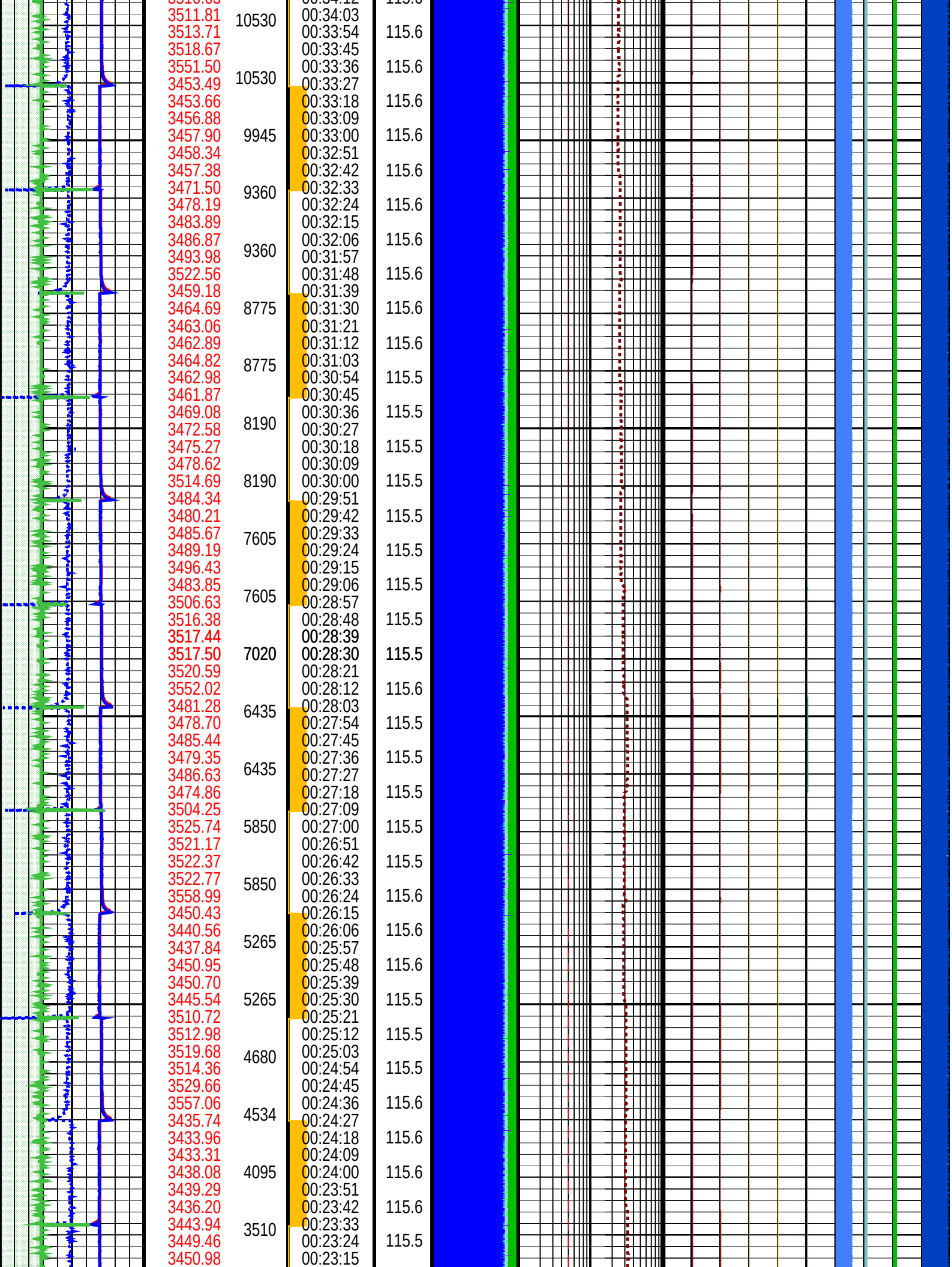
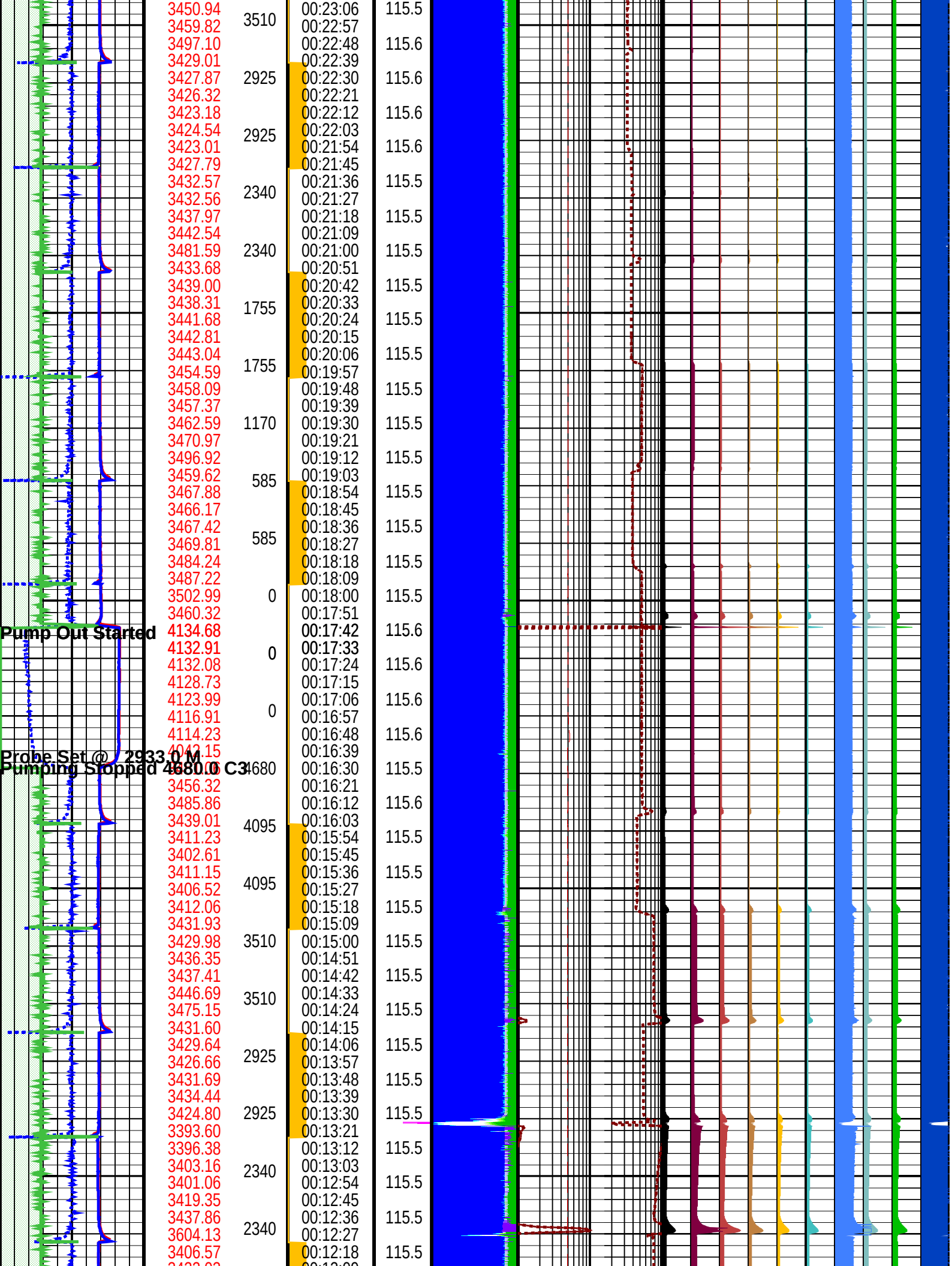
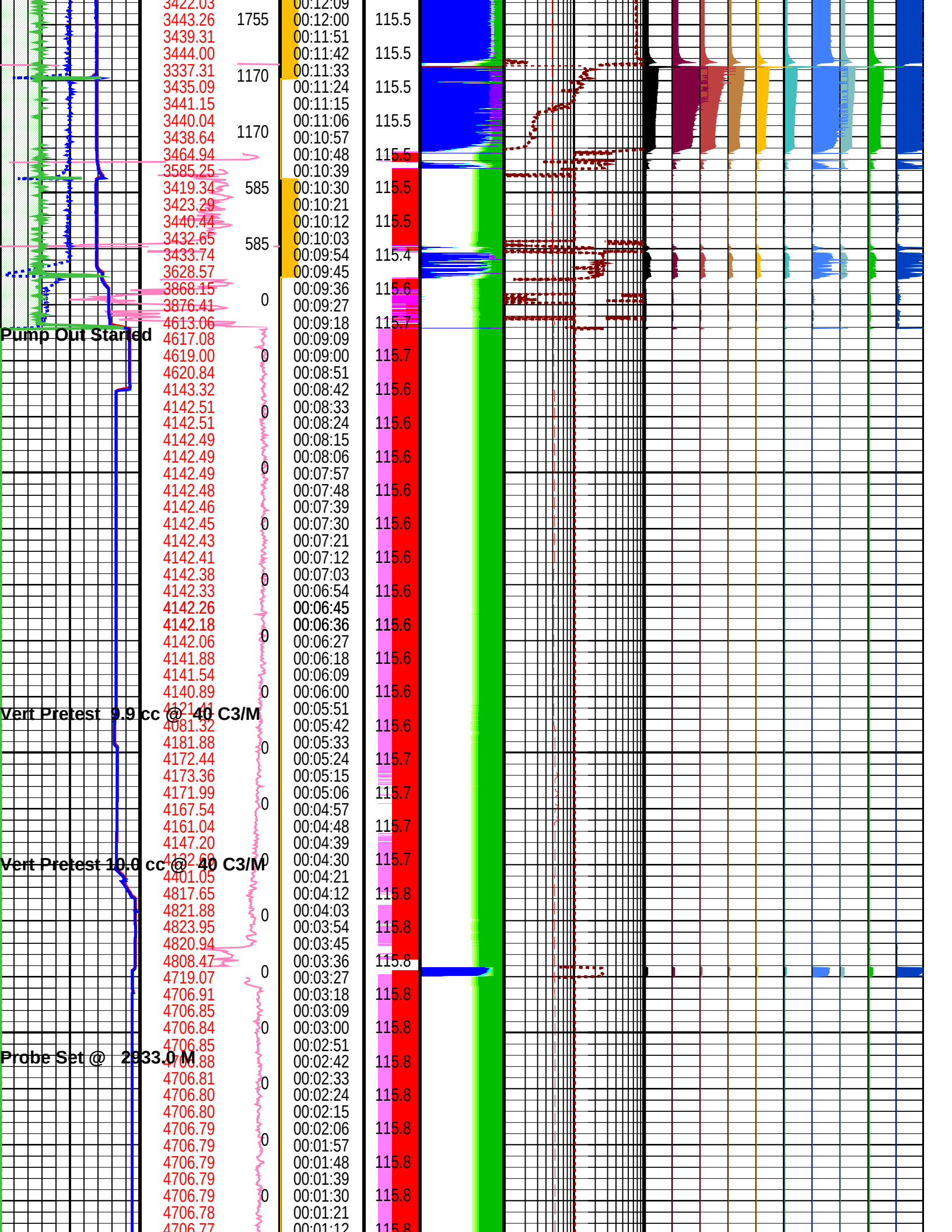
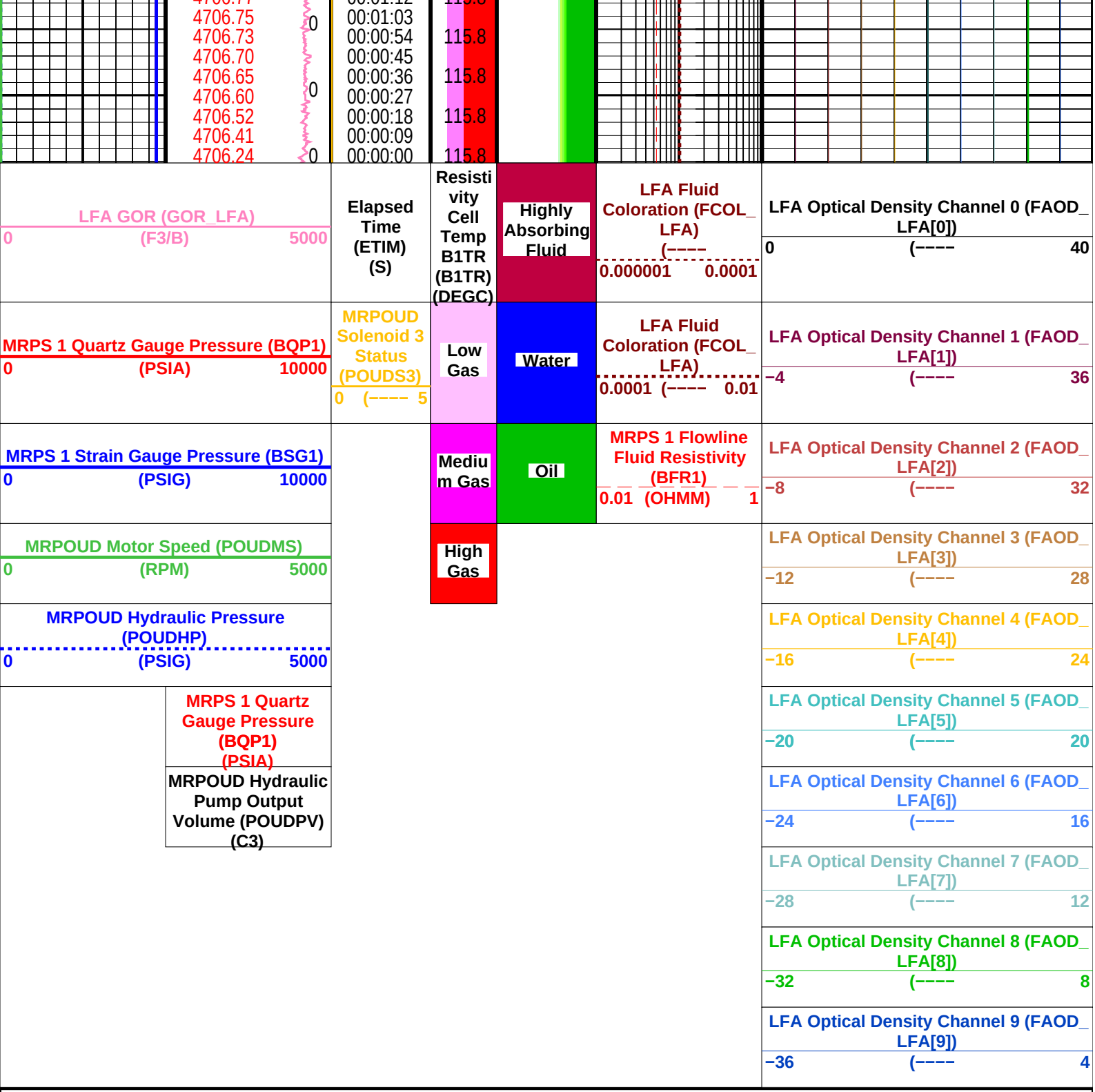
3329.43	14625	00:40:30	115.6
3344.59		00:40:21	
3341.73		00:40:12	115.6
3358.64	14625	00:40:03	
3382.19		00:39:54	115.6
3428.27		00:39:45	
3436.19	14040	00:39:36	115.6
3444.61		00:39:27	
3452.88		00:39:18	115.6
3465.18		00:39:09	
3500.35	14040	00:39:00	115.6
3393.00		00:38:51	
3402.91		00:38:42	115.6
3408.32	13455	00:38:33	
3414.89		00:38:24	115.6
3423.11		00:38:15	
3431.82		00:38:06	115.6
3480.87	13455	00:37:57	
3492.07		00:37:48	115.6
3492.88		00:37:39	
3493.40	12870	00:37:30	115.6
3496.83		00:37:21	
3530.25		00:37:12	115.6
3440.42	12285	00:37:03	
3436.85		00:36:54	115.6
3431.00		00:36:45	
3444.13		00:36:36	115.6
3439.73	12285	00:36:27	
3448.77		00:36:18	115.5
3554.06		00:36:09	
3556.29	11700	00:36:00	115.6
3555.82		00:35:51	
3558.72		00:35:42	115.6
3562.93	11700	00:35:33	
3594.36		00:35:24	115.6
3450.17		00:35:15	
3445.58		00:35:06	115.6
3440.96	11115	00:34:57	
3448.58		00:34:48	115.6
3442.57		00:34:39	
3450.01	11115	00:34:30	115.5
3508.73		00:34:21	
3516.63		00:34:12	115.6



3511.81	10530	00:34:03	115.6
3513.71		00:33:54	
3518.67		00:33:45	
3551.50	10530	00:33:36	115.6
3453.49		00:33:27	
3453.66		00:33:18	115.6
3456.88		00:33:09	
3457.90	9945	00:33:00	115.6
3458.34		00:32:51	
3457.38		00:32:42	115.6
3471.50	9360	00:32:33	
3478.19		00:32:24	115.6
3483.89		00:32:15	
3486.87	9360	00:32:06	115.6
3493.98		00:31:57	
3522.56		00:31:48	115.6
3459.18		00:31:39	
3464.69	8775	00:31:30	115.6
3463.06		00:31:21	
3462.89		00:31:12	115.6
3464.82	8775	00:31:03	
3462.98		00:30:54	115.5
3461.87		00:30:45	
3469.08	8190	00:30:36	115.5
3472.58		00:30:27	
3475.27		00:30:18	115.5
3478.62		00:30:09	
3514.69	8190	00:30:00	115.5
3484.34		00:29:51	
3480.21		00:29:42	115.5
3485.67	7605	00:29:33	
3489.19		00:29:24	115.5
3496.43		00:29:15	
3483.85	7605	00:29:06	115.5
3506.63		00:28:57	
3516.38		00:28:48	115.5
3517.44		00:28:39	
3517.50	7020	00:28:30	115.5
3520.59		00:28:21	
3552.02		00:28:12	115.6
3481.28	6435	00:28:03	
3478.70		00:27:54	115.5
3485.44		00:27:45	
3479.35	6435	00:27:36	115.5
3486.63		00:27:27	
3474.86		00:27:18	115.5
3504.25		00:27:09	
3525.74	5850	00:27:00	115.5
3521.17		00:26:51	
3522.37		00:26:42	115.5
3522.77	5850	00:26:33	
3558.99		00:26:24	115.6
3450.43		00:26:15	
3440.56	5265	00:26:06	115.6
3437.84		00:25:57	
3450.95		00:25:48	115.6
3450.70		00:25:39	
3445.54	5265	00:25:30	115.5
3510.72		00:25:21	
3512.98		00:25:12	115.5
3519.68	4680	00:25:03	
3514.36		00:24:54	115.5
3529.66		00:24:45	
3557.06		00:24:36	115.6
3435.74	4534	00:24:27	
3433.96		00:24:18	115.6
3433.31		00:24:09	
3438.08	4095	00:24:00	115.6
3439.29		00:23:51	
3436.20		00:23:42	115.6
3443.94	3510	00:23:33	
3449.46		00:23:24	115.5
3450.98		00:23:15	


Pump Out Started
Probe Set @ 2933.0 M
Pumping Stopped 4680.0 C3


Pump Out Started
Vert Pretest 9.9 cc @ 40 C3/M
Vert Pretest 10.0 cc @ 40 C3/M
Probe Set @ 2933.0 M



Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M

SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:15

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_304LTP	FN:484	PRODUCER	02−Dec−2004 11:13	2933.0 M	26.8 M

Output DLIS Files

DEFAULT	MDT_OFA_090PTP	FN:89	PRODUCER	06−Dec−2004 13:15

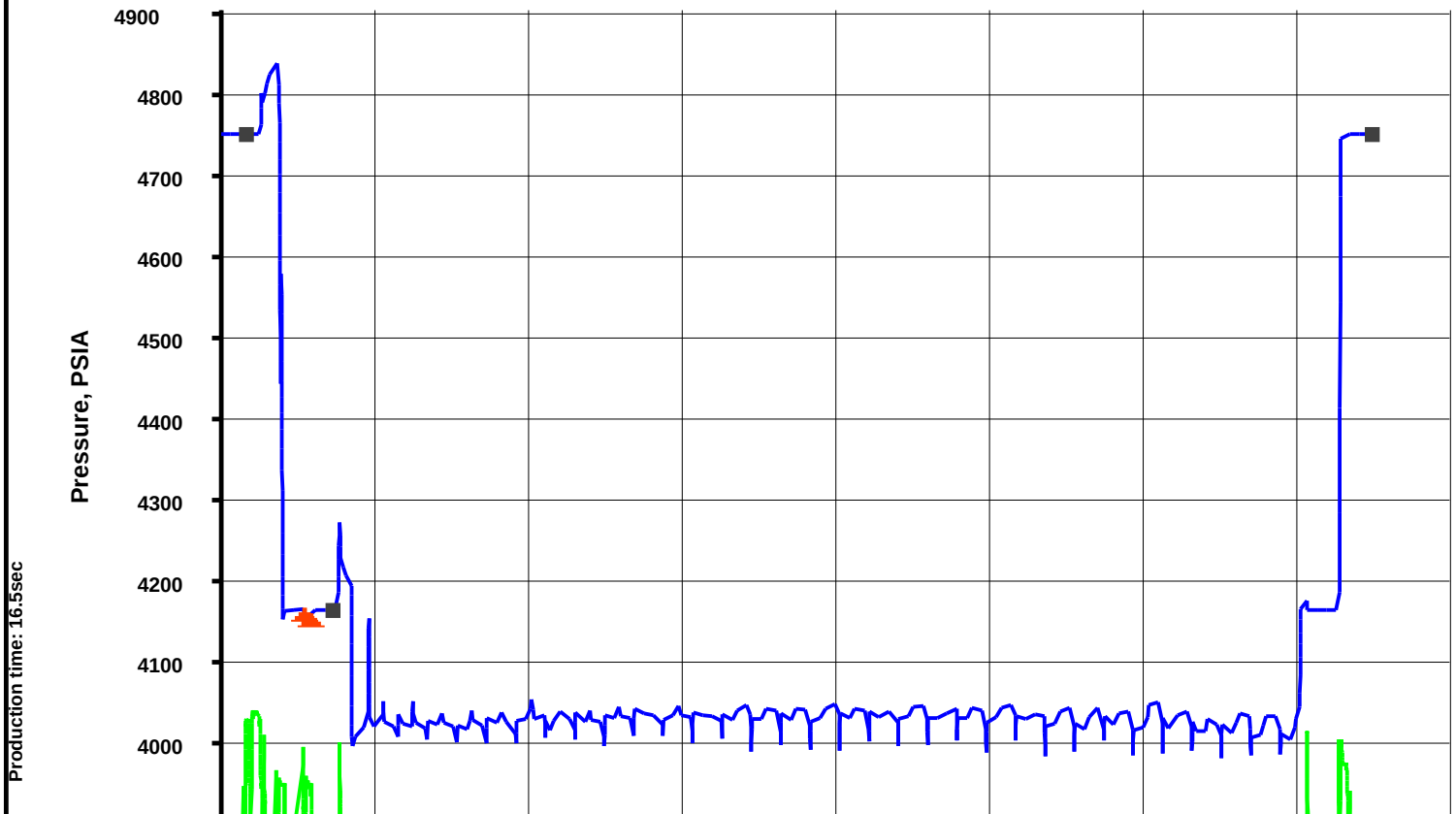
Schlumberger

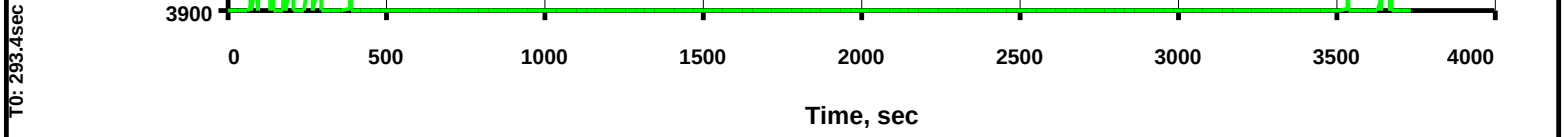
Fluid analysis and pump out
2959.0 mMD

MAXIS Field Log

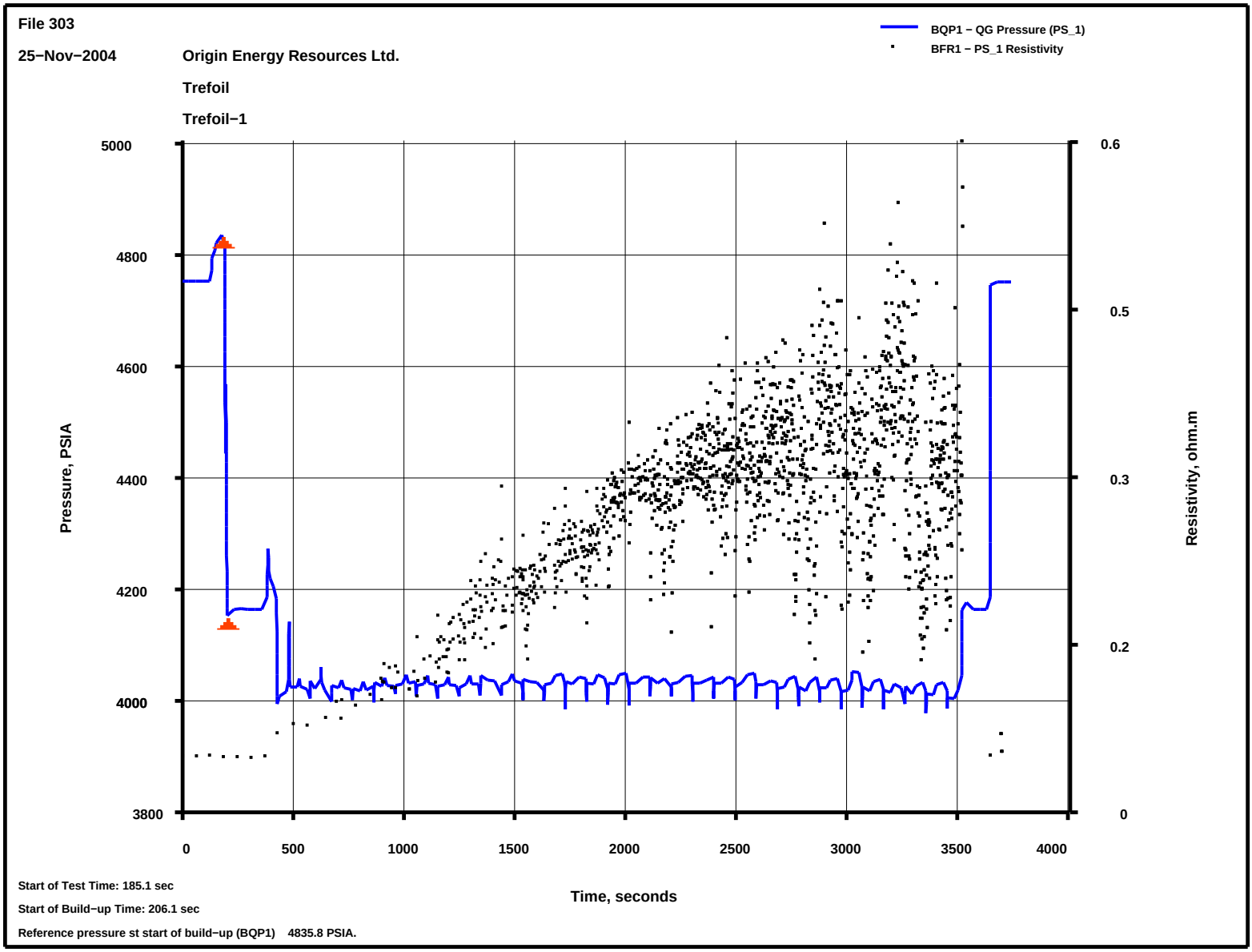
File 303 Depth, M: 2959.05 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4747.76
Mud Pressure after test, PSIA:	4747.31
Last build−up pressure, PSIA:	4162.86
Draw−down mobility, md/cp:	173





Pretest Volume: 10.0cc − MRPS_1− BQP1 Resolution: 0.010psi



Input DLIS Files

DEFAULT	MDT_OFA_303LTP	FN:482	PRODUCER	02−Dec−2004 11:13	2959.0 M	9.6 M

Output DLIS Files

DEFAULT	MDT_OFA_089PTP	FN:88	PRODUCER	06−Dec−2004 13:11	2959.0 M	9.6 M

Elapsed Time (s)	Event Summary
3640.5	Retract Single Probe Module (MRPS) 1
3511.2	Pumping Stopped 37440.0 C3 Dual Up−down Pumpout Module (MRPOUD)
420.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
272.1	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
185.1	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
97.2	Probe Set @ 2959.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

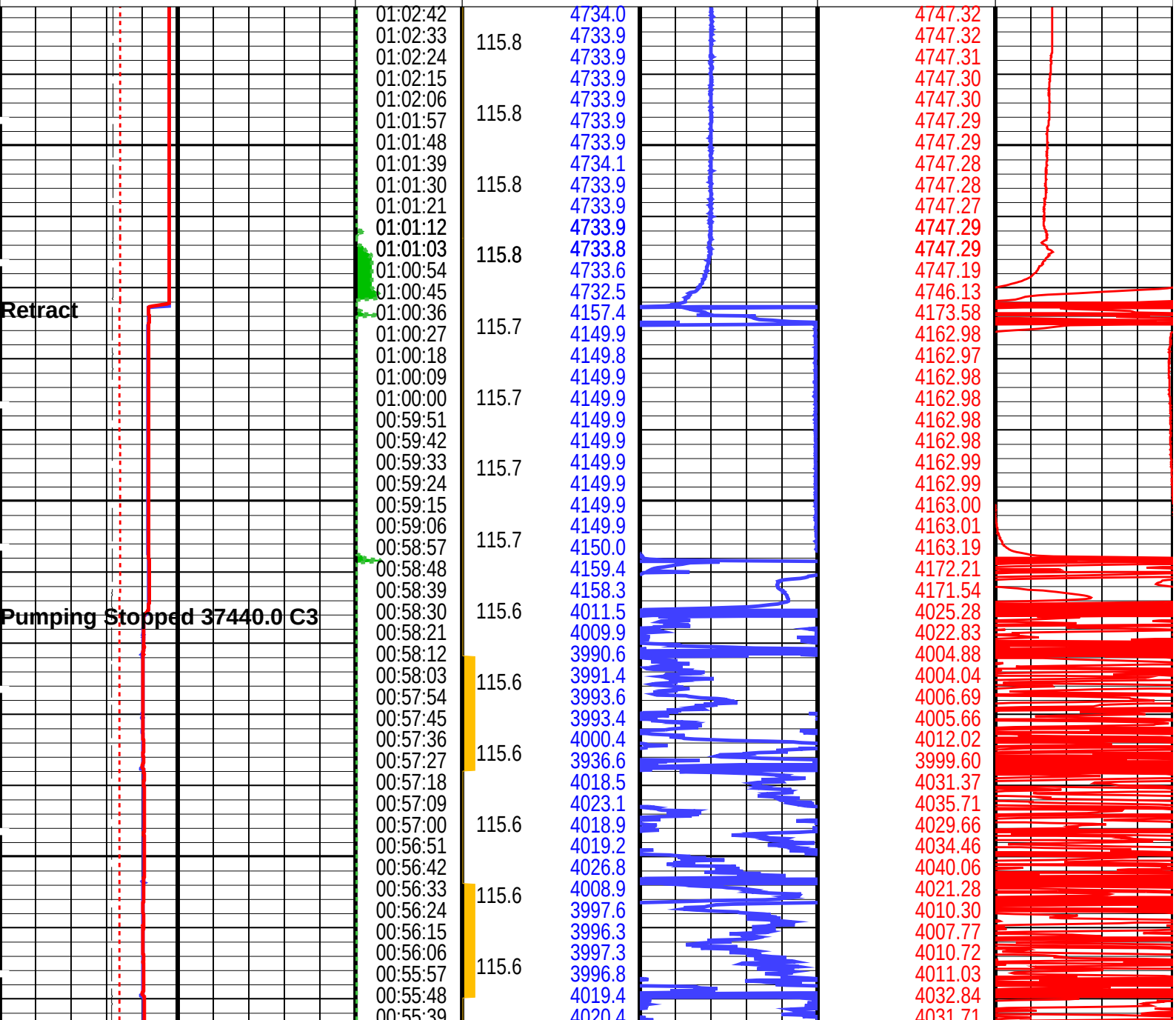
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
01:02:42		4734.0	4747.32
01:02:33	115.8	4733.9	4747.32
01:02:24		4733.9	4747.31
01:02:15		4733.9	4747.30
01:02:06		4733.9	4747.30
01:01:57	115.8	4733.9	4747.29
01:01:48		4733.9	4747.29
01:01:39		4734.1	4747.28
01:01:30	115.8	4733.9	4747.28
01:01:21		4733.9	4747.27
01:01:12		4733.9	4747.29
01:01:03	115.8	4733.8	4747.29
01:00:54		4733.6	4747.19
01:00:45		4732.5	4746.13
01:00:36		4157.4	4173.58
01:00:27	115.7	4149.9	4162.98
01:00:18		4149.8	4162.97
01:00:09		4149.9	4162.98
01:00:00	115.7	4149.9	4162.98
00:59:51		4149.9	4162.98
00:59:42		4149.9	4162.98
00:59:33	115.7	4149.9	4162.99
00:59:24		4149.9	4162.99
00:59:15		4149.9	4163.00
00:59:06		4149.9	4163.01
00:58:57	115.7	4150.0	4163.19
00:58:48		4159.4	4172.21
00:58:39		4158.3	4171.54
00:58:30	115.6	4011.5	4025.28
00:58:21		4009.9	4022.83
00:58:12		3990.6	4004.88
00:58:03	115.6	3991.4	4004.04
00:57:54		3993.6	4006.69
00:57:45		3993.4	4005.66
00:57:36		4000.4	4012.02
00:57:27	115.6	3936.6	3999.60
00:57:18		4018.5	4031.37
00:57:09		4023.1	4035.71
00:57:00	115.6	4018.9	4029.66
00:56:51		4019.2	4034.46
00:56:42		4026.8	4040.06
00:56:33	115.6	4008.9	4021.28
00:56:24		3997.6	4010.30
00:56:15		3996.3	4007.77
00:56:06		3997.3	4010.72
00:55:57	115.6	3996.8	4011.03
00:55:48		4019.4	4032.84
00:55:39		4020.4	4031.71

00:55:30	115.6	4017.5	4032.36
00:55:21		4020.5	4033.73
00:55:12		4020.0	4033.66
00:55:03	115.6	4011.9	4011.50
00:54:54		4002.8	4015.12
00:54:45		4001.6	4013.73
00:54:36		4002.5	4014.61
00:54:27	115.6	4000.8	4014.75
00:54:18		4011.5	4022.12
00:54:09		4009.3	4022.30
00:54:00	115.6	4008.7	4022.51
00:53:51		4008.0	4022.42
00:53:42		4011.5	4025.27
00:53:33	115.6	4016.1	4028.63
00:53:24		4001.4	4014.80
00:53:15		4005.5	4017.65
00:53:06		4003.8	4016.35
00:52:57	115.6	4001.8	4014.74
00:52:48		4006.3	4021.12
00:52:39		4021.9	4038.81
00:52:30	115.6	4025.3	4038.93
00:52:21		4024.5	4037.22
00:52:12		4025.9	4039.67
00:52:03	115.6	4027.9	4039.93
00:51:54		4030.7	4034.47
00:51:45		4003.7	4017.01
00:51:36		4005.2	4019.29
00:51:27	115.6	4008.2	4022.85
00:51:18		4012.8	4025.43
00:51:09		4014.8	4026.93
00:51:00	115.6	4036.6	4051.46
00:50:51		4038.8	4051.34
00:50:42		4037.7	4050.96
00:50:33	115.6	4033.6	4046.63
00:50:24		4036.1	4047.55
00:50:15		4011.5	4025.33
00:50:06		4014.0	4026.12
00:49:57	115.6	4002.1	4016.11
00:49:48		4005.1	4020.27
00:49:39		4007.7	4018.51
00:49:30	115.6	4007.2	4012.02
00:49:21		4026.4	4039.11
00:49:12		4027.3	4039.85
00:49:03	115.6	4027.6	4039.49
00:48:54		4025.0	4040.43
00:48:45		4025.1	4040.36
00:48:36		4004.1	4018.49
00:48:27	115.6	4006.3	4020.46
00:48:18		4013.3	4027.25
00:48:09		4011.8	4025.82
00:48:00	115.6	4013.6	4028.05
00:47:51		4030.6	4043.97
00:47:42		4029.0	4043.16
00:47:33	115.6	4030.8	4043.48
00:47:24		4021.9	4035.28
00:47:15		4023.9	4037.21
00:47:06		4014.4	4017.78
00:46:57	115.6	4001.7	4014.27
00:46:48		4002.7	4015.95
00:46:39		4003.1	4016.88
00:46:30	115.6	4002.8	4016.32
00:46:21		4008.3	4025.74
00:46:12		4028.4	4041.89
00:46:03	115.6	4030.3	4043.14
00:45:54		4029.7	4043.03
00:45:45		4028.2	4041.85
00:45:36		4028.9	4043.56
00:45:27	115.6	4007.1	4021.52
00:45:18		4012.7	4025.42
00:45:09		4011.4	4024.25
00:45:00	115.6	4010.7	4024.17
00:44:51		4012.7	4025.05
00:44:42		3964.4	3997.94

00:44:33	115.6	4017.6	4030.90
00:44:24		4019.2	4031.63
00:44:15		4019.2	4032.27
00:44:06		4020.8	4034.08
00:43:57	115.6	4024.1	4038.48
00:43:48		4013.4	4027.11
00:43:39		4016.2	4029.17
00:43:30	115.6	4017.7	4029.30
00:43:21		4018.0	4029.53
00:43:12		4019.5	4032.30
00:43:03	115.6	4034.6	4048.19
00:42:54		4035.1	4048.26
00:42:45		4036.5	4049.06
00:42:36		4033.1	4047.19
00:42:27	115.6	4031.6	4045.22
00:42:18		4065.4	4035.70
00:42:09		4018.8	4032.52
00:42:00	115.6	4018.5	4032.28
00:41:51		4018.4	4031.62
00:41:42		4018.4	4032.93
00:41:33	115.6	4020.7	4032.25
00:41:24		4028.1	4040.22
00:41:15		4024.9	4039.93
00:41:06		4027.4	4041.06
00:40:57	115.6	4029.0	4042.00
00:40:48		4029.2	4041.34
00:40:39		4019.4	4032.15
00:40:30	115.6	4018.1	4031.30
00:40:21		4019.4	4030.97
00:40:12		4019.0	4032.68
00:40:03	115.6	4021.8	4035.45
00:39:54		4028.9	4041.49
00:39:45		4028.5	4042.35
00:39:36		4028.8	4040.95
00:39:27	115.6	4026.4	4038.16
00:39:18		4017.1	4030.98
00:39:09		4028.5	4034.79
00:39:00	115.6	4016.6	4031.31
00:38:51		4016.6	4030.29
00:38:42		4018.3	4031.29
00:38:33	115.6	4021.9	4033.06
00:38:24		4020.5	4034.21
00:38:15		4030.8	4044.81
00:38:06		4031.7	4045.18
00:37:57	115.6	4033.0	4044.77
00:37:48		4029.5	4043.68
00:37:39		4030.6	4043.04
00:37:30	115.6	4022.3	4033.85
00:37:21		4021.0	4033.19
00:37:12		4020.1	4033.79
00:37:03	115.6	4021.4	4034.04
00:36:54		4021.5	4033.55
00:36:45		4015.1	3996.12
00:36:36		4027.5	4041.20
00:36:27	115.6	4025.9	4039.97
00:36:18		4027.9	4041.78
00:36:09		4026.4	4038.73
00:36:00	115.6	4024.5	4038.21
00:35:51		4018.8	4032.78
00:35:42		4018.1	4031.62
00:35:33	115.6	4019.4	4033.80
00:35:24		4020.3	4034.20
00:35:15		4020.4	4034.31
00:35:06		4027.2	4040.80
00:34:57	115.6	4025.3	4039.41
00:34:48		4026.3	4040.58
00:34:39		4029.4	4040.85
00:34:30	115.6	4027.9	4039.81
00:34:21		3998.1	4037.33
00:34:12		4017.5	4030.06
00:34:03	115.6	4017.2	4030.13
00:33:54		4019.3	4032.25
00:33:45		4018.1	4032.29

00:33:36		4025.3	4036.54
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00:23:42		4021.7	4034.21
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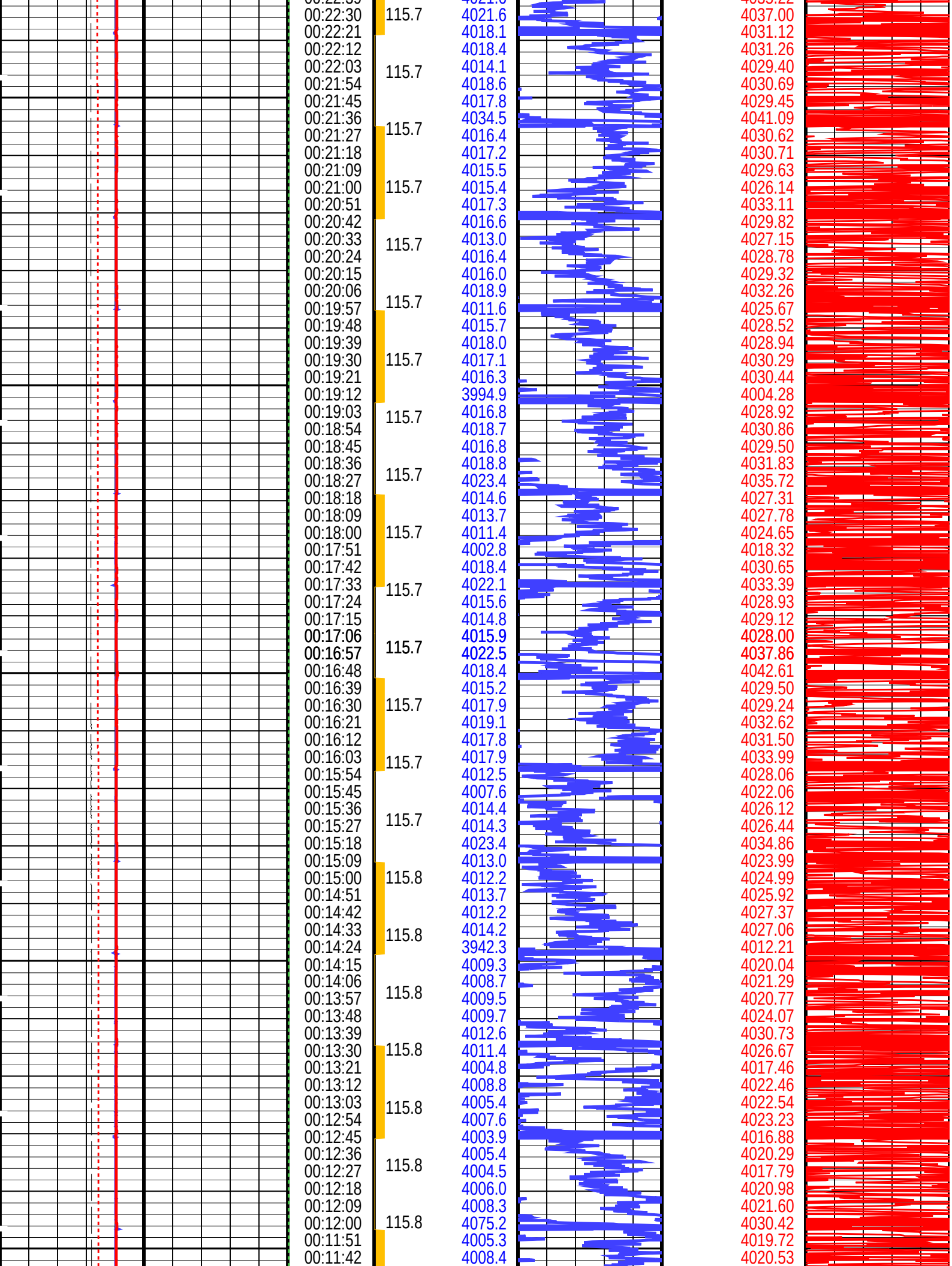

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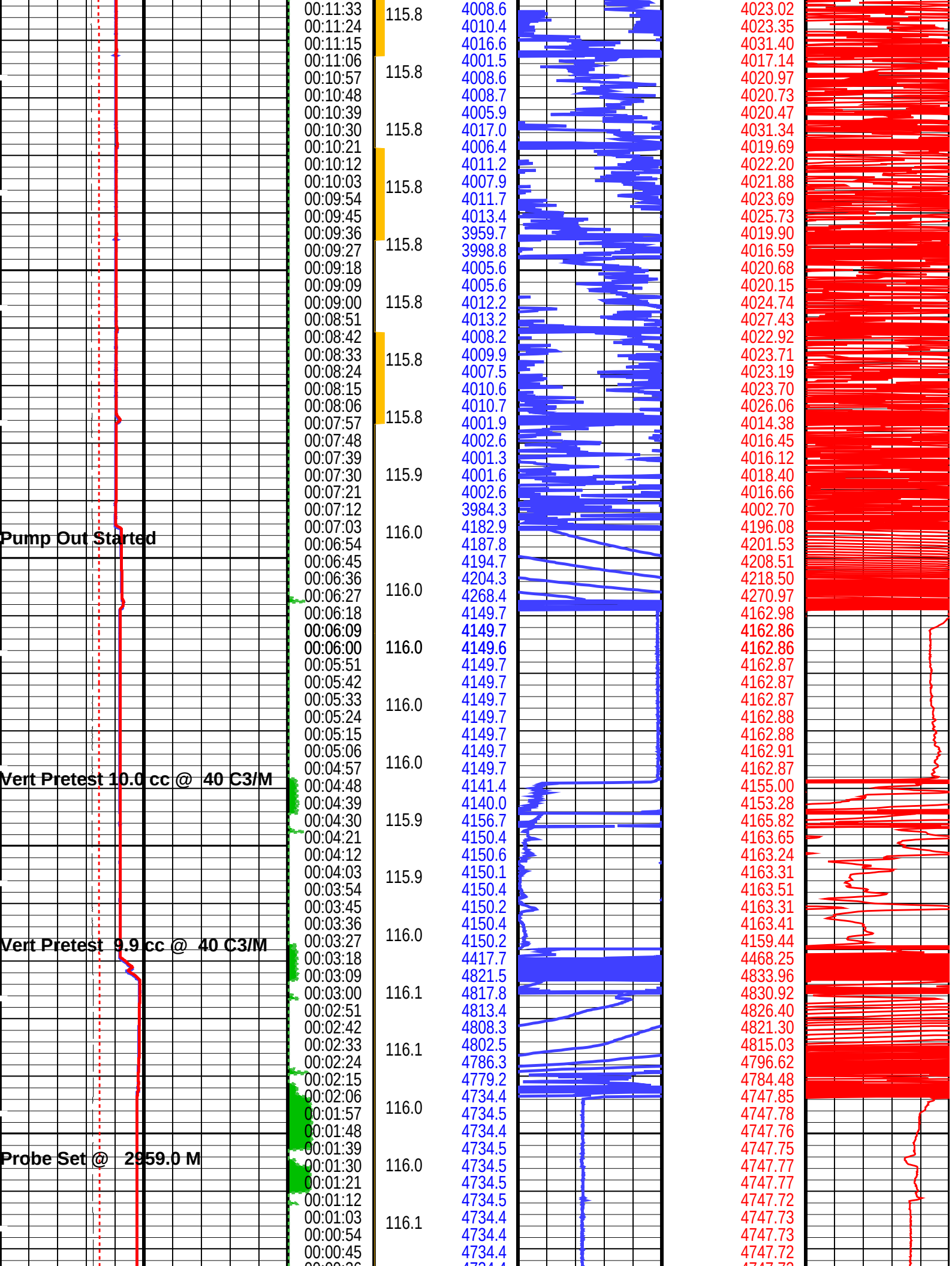

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00:05:06		4149.7	4162.91
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00:03:09		4821.5	4833.96
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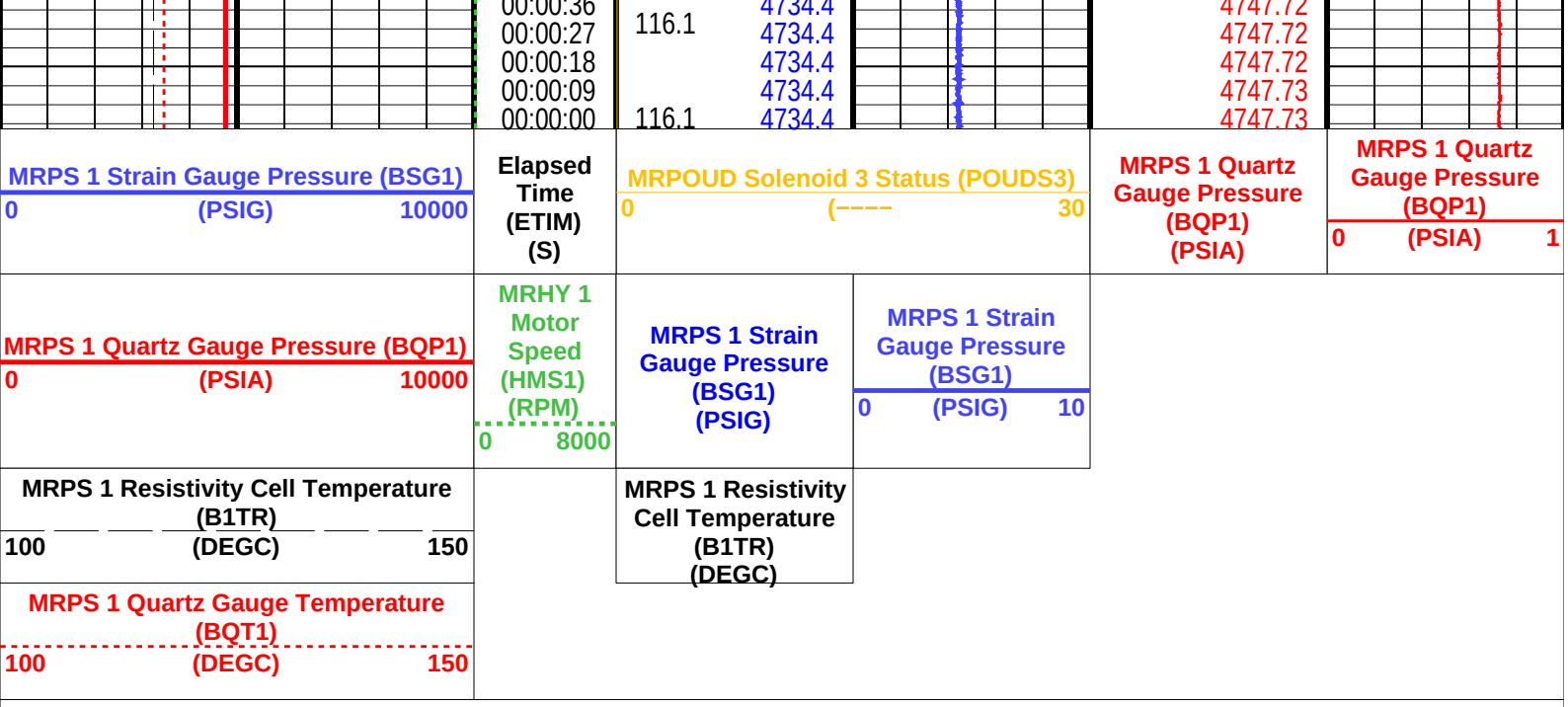


PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:11

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_303LTP	FN:482	PRODUCER	02−Dec−2004 11:13	2959.0 M	9.6 M

Output DLIS Files

DEFAULT	MDT_OFA_089PTP	FN:88	PRODUCER	06−Dec−2004 13:11

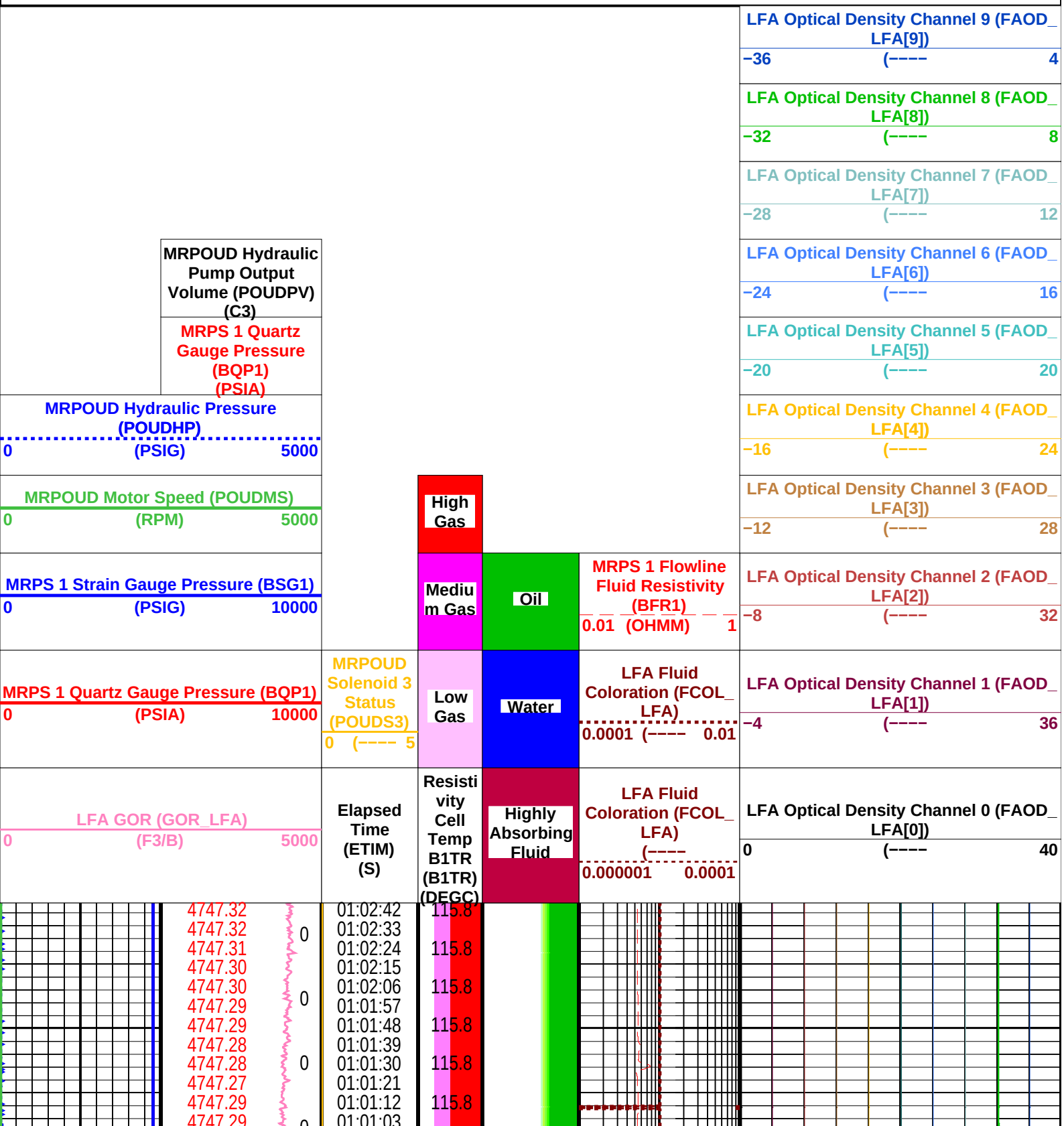
Input DLIS Files

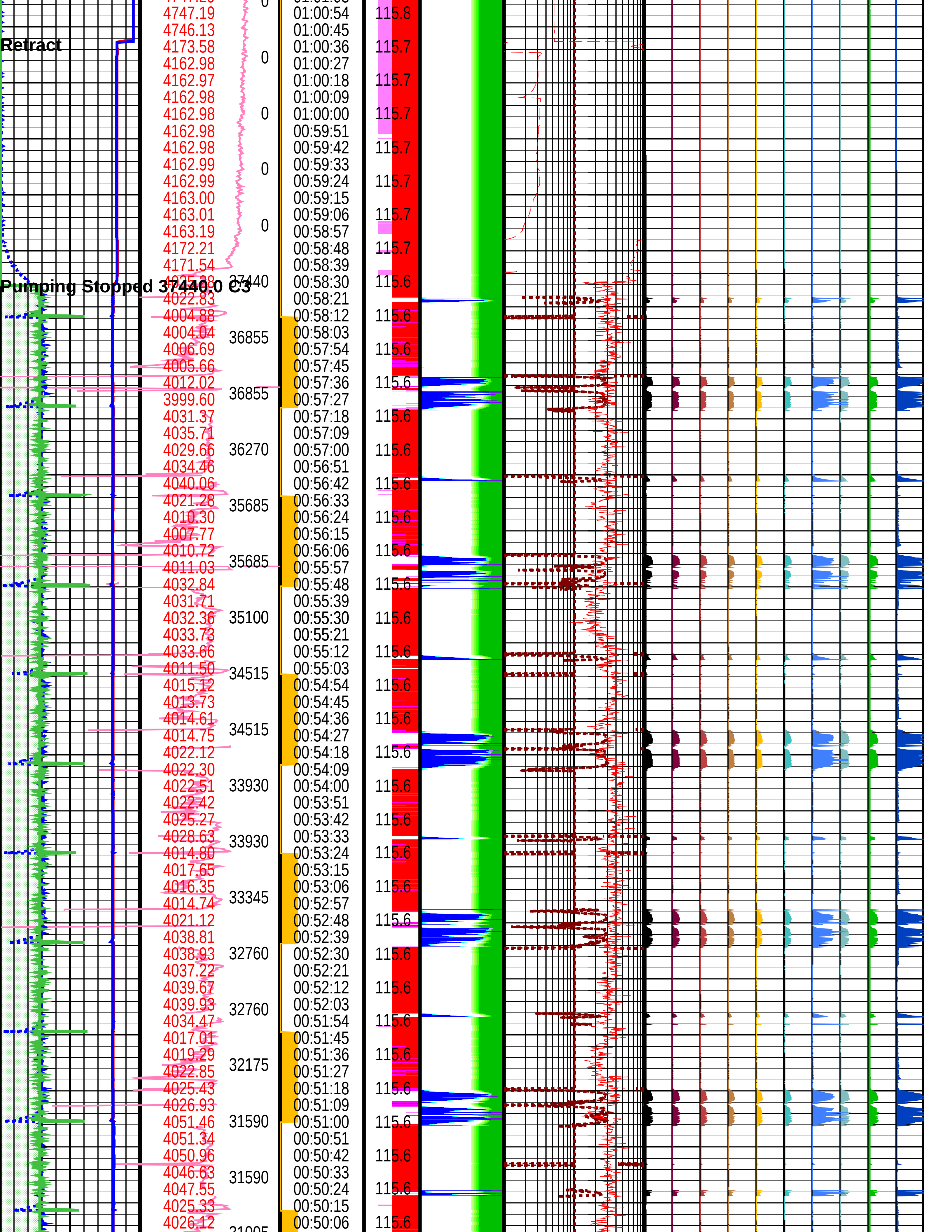
DEFAULT	MDT_OFA_303LTP	FN:482	PRODUCER	02−Dec−2004 11:13	2959.0 M	9.6 M

Output DLIS Files

DEFAULT	MDT_OFA_089PTP	FN:88	PRODUCER	06−Dec−2004 13:11	2959.0 M	9.6 M

Elapsed Time (s)	Event Summary
3640.5	Retract Single Probe Module (MRPS) 1
3511.2	Pumping Stopped 37440.0 C3 Dual Up−down Pumpout Module (MRPOUD)
420.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
272.1	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
185.1	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
97.2	Probe Set @ 2959.0 M Single Probe Module (MRPS) 1

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Pumping Stopped 37440.0 C3
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4162.98
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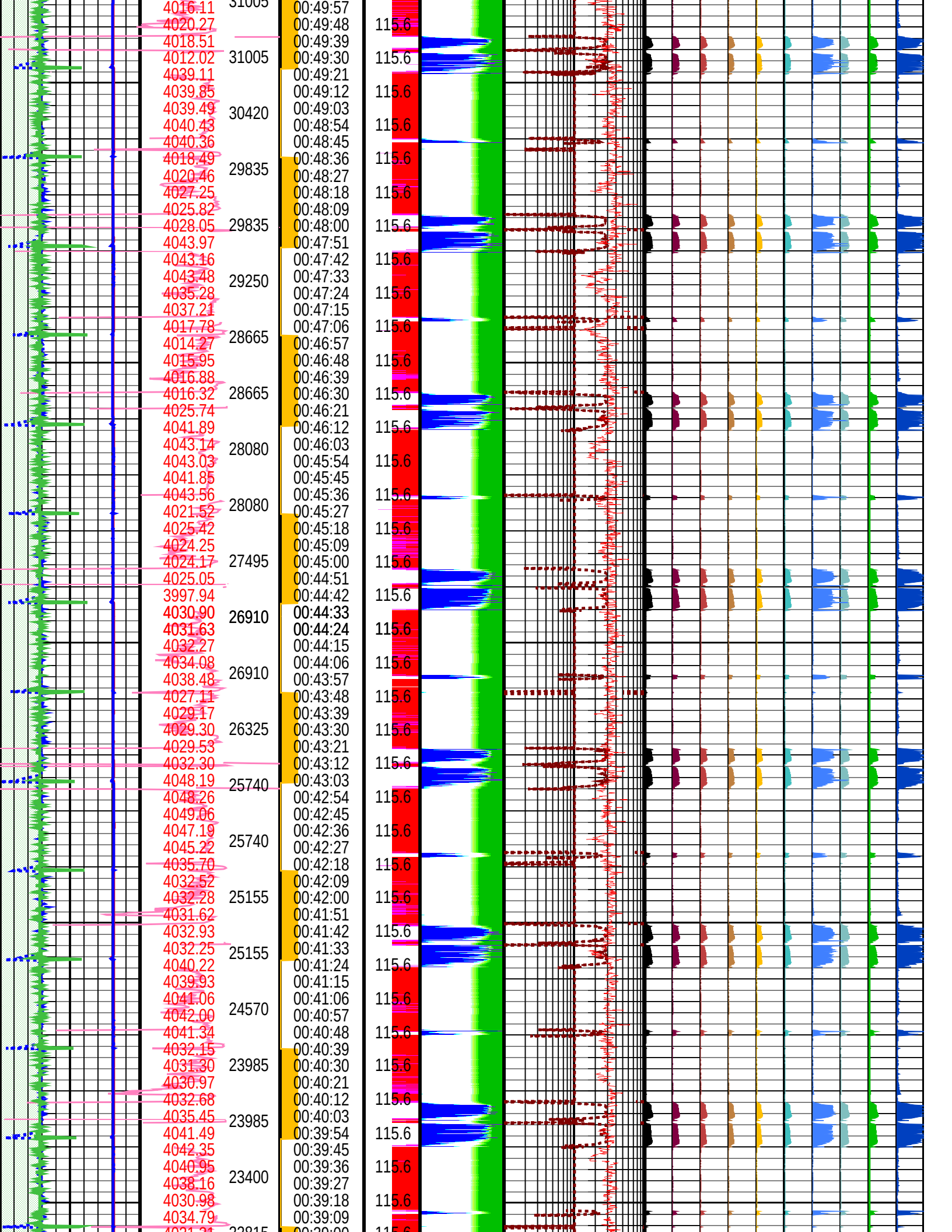
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3997.94 00:44:42 115.6
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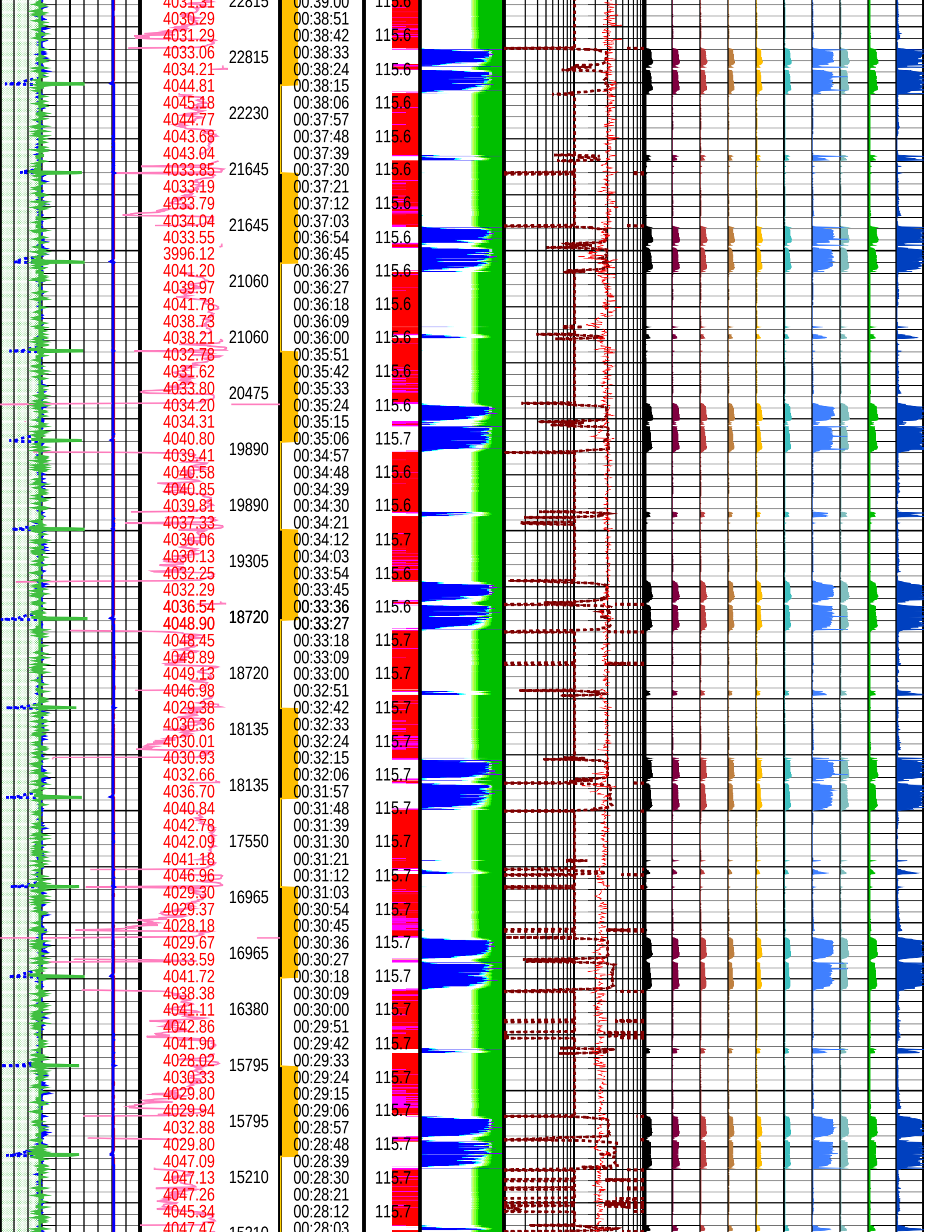
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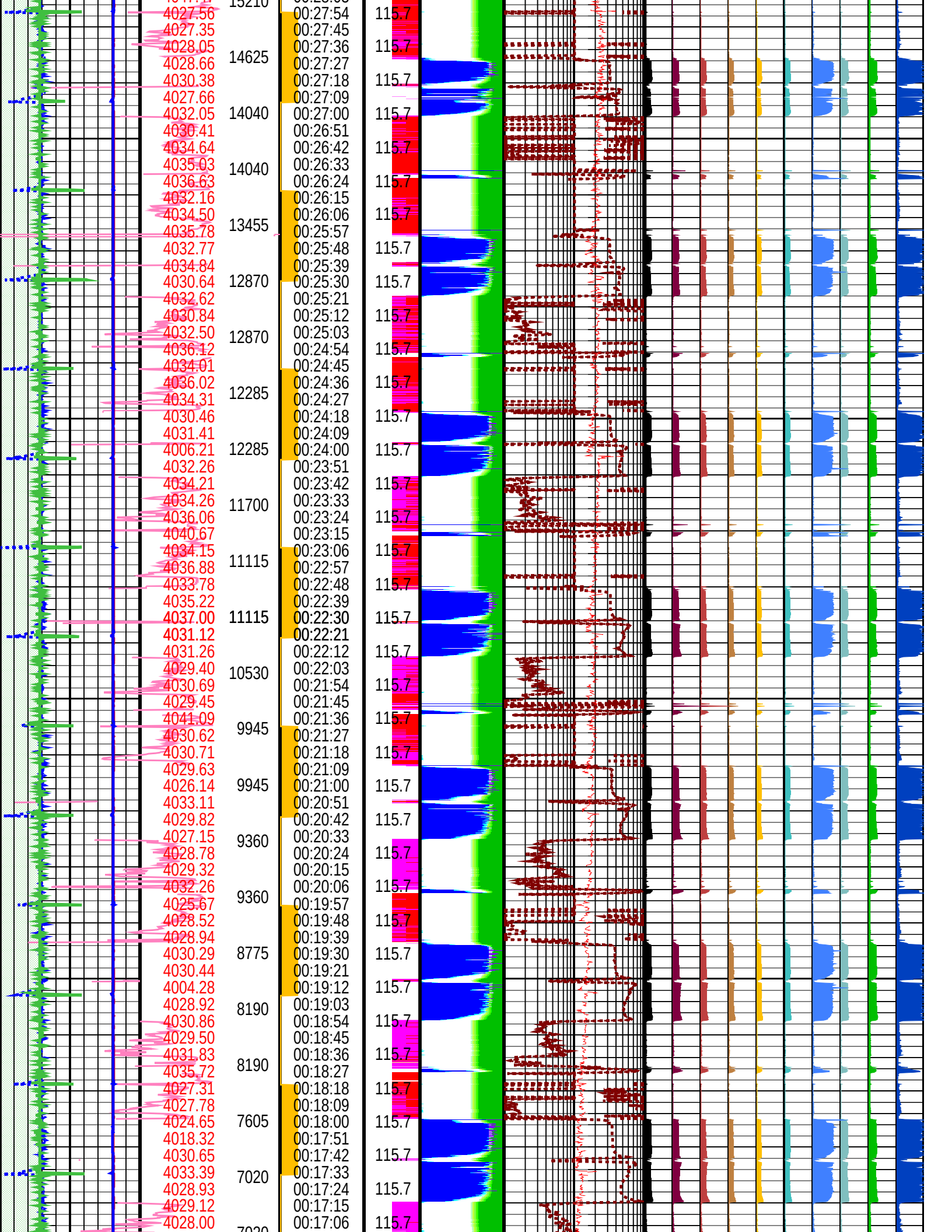
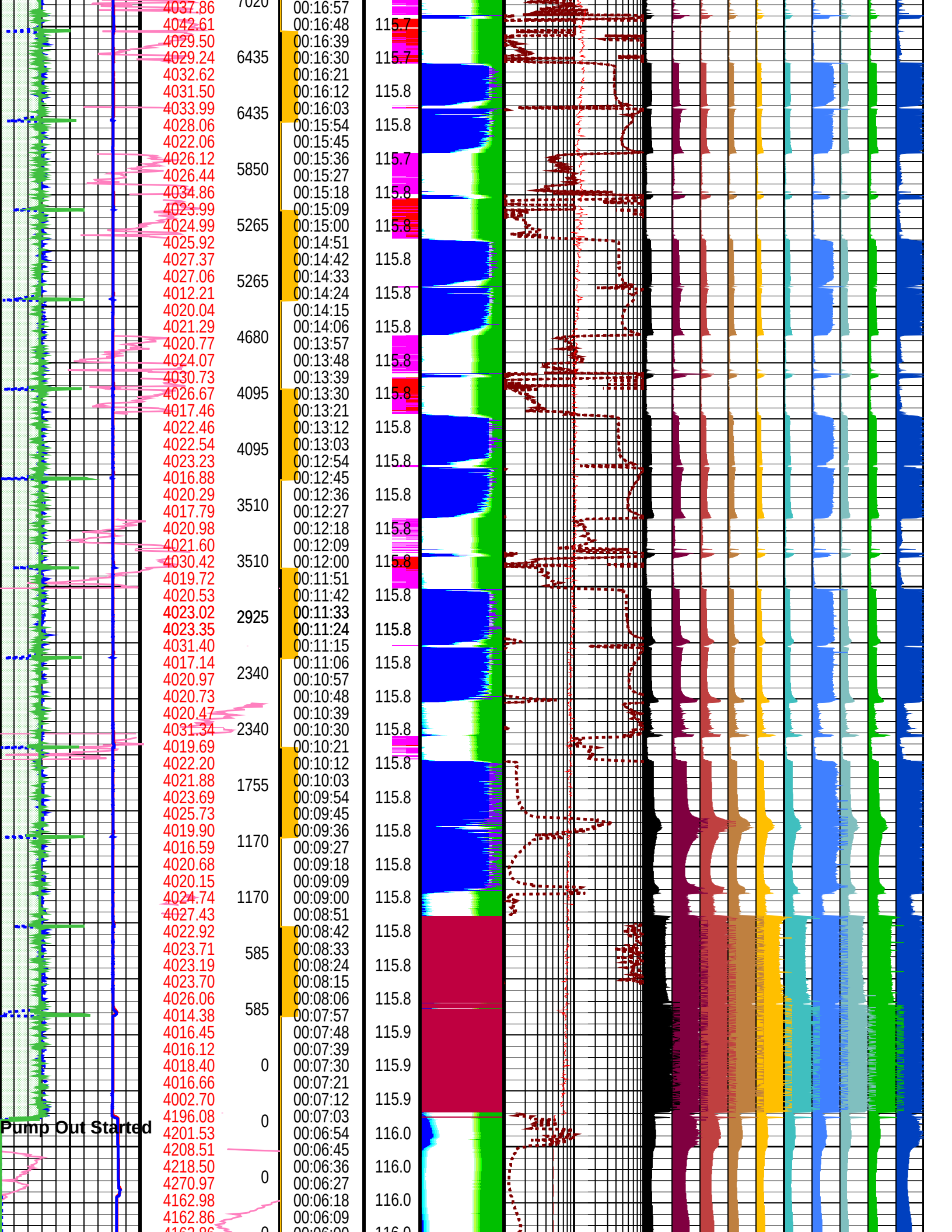
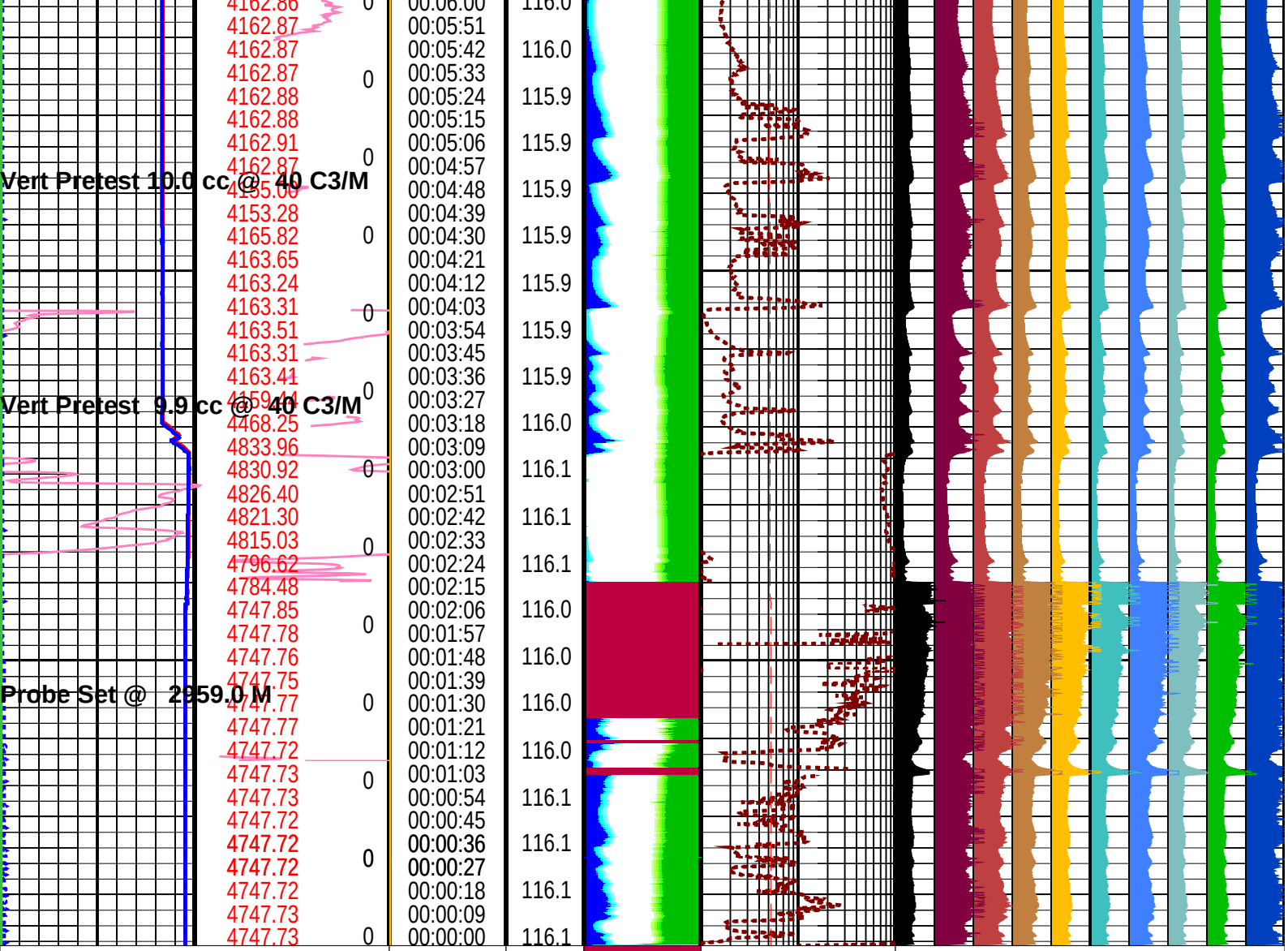
4041.20 21060 00:36:36 115.6
4039.97 00:36:27
4041.78 00:36:18 115.6
4038.73 00:36:09
4038.21 21060 00:36:00 115.6
4032.78 00:35:51
4031.62 00:35:42 115.6
4033.80 20475 00:35:33
4034.20 00:35:24 115.6
4034.31 00:35:15
4040.80 19890 00:35:06 115.7
4039.41 00:34:57
4040.58 00:34:48 115.6
4040.85 00:34:39
4039.81 19890 00:34:30 115.6
4037.33 00:34:21
4030.06 19305 00:34:12 115.7
4030.13 00:34:03
4032.25 00:33:54 115.6
4032.29 00:33:45
4036.54 18720 00:33:36 115.6
4048.90 00:33:27
4048.45 00:33:18 115.7
4049.89 00:33:09
4049.13 18720 00:33:00 115.7
4046.98 00:32:51
4029.38 18135 00:32:42 115.7
4030.36 00:32:33
4030.01 00:32:24 115.7
4030.93 00:32:15
4032.66 18135 00:32:06 115.7
4036.70 00:31:57
4040.84 00:31:48 115.7
4042.78 00:31:39
4042.09 17550 00:31:30 115.7
4041.18 00:31:21
4046.96 00:31:12 115.7
4029.30 16965 00:31:03
4029.37 00:30:54 115.7
4028.18 00:30:45
4029.67 16965 00:30:36 115.7
4033.59 00:30:27
4041.72 00:30:18 115.7
4038.38 00:30:09
4041.11 16380 00:30:00 115.7
4042.86 00:29:51
4041.90 00:29:42 115.7
4028.02 15795 00:29:33
4030.33 00:29:24 115.7
4029.80 00:29:15
4029.94 15795 00:29:06 115.7
4032.88 00:28:57
4029.80 00:28:48 115.7
4047.09 00:28:39
4047.13 15210 00:28:30 115.7
4047.26 00:28:21
4045.34 00:28:12 115.7
4047.47 15210 00:28:03


4027.56 15210 00:27:54 115.7
4027.35 00:27:45
4028.05 00:27:36 115.7
4028.66 14625 00:27:27
4030.38 00:27:18 115.7
4027.66 00:27:09
4032.05 14040 00:27:00 115.7
4030.41 00:26:51
4034.64 00:26:42 115.7
4035.03 14040 00:26:33
4036.63 00:26:24 115.7
4032.16 00:26:15
4034.50 00:26:06 115.7
4035.78 13455 00:25:57
4032.77 00:25:48 115.7
4034.84 00:25:39
4030.64 12870 00:25:30 115.7
4032.62 00:25:21
4030.84 00:25:12 115.7
4032.50 12870 00:25:03
4036.12 00:24:54 115.7
4034.01 00:24:45
4036.02 00:24:36 115.7
4034.31 12285 00:24:27
4030.46 00:24:18 115.7
4031.41 00:24:09
4006.21 12285 00:24:00 115.7
4032.26 00:23:51
4034.21 00:23:42 115.7
4034.26 11700 00:23:33
4036.06 00:23:24 115.7
4040.67 00:23:15
4034.15 00:23:06 115.7
4036.88 11115 00:22:57
4033.78 00:22:48 115.7
4035.22 00:22:39
4037.00 11115 00:22:30 115.7
4031.12 00:22:21
4031.26 00:22:12 115.7
4029.40 10530 00:22:03
4030.69 00:21:54 115.7
4029.45 00:21:45
4041.09 00:21:36 115.7
4030.62 9945 00:21:27
4030.71 00:21:18 115.7
4029.63 00:21:09
4026.14 9945 00:21:00 115.7
4033.11 00:20:51
4029.82 00:20:42 115.7
4027.15 9360 00:20:33
4028.78 00:20:24 115.7
4029.32 00:20:15
4032.26 00:20:06 115.7
4025.67 9360 00:19:57
4028.52 00:19:48 115.7
4028.94 00:19:39
4030.29 8775 00:19:30 115.7
4030.44 00:19:21
4004.28 00:19:12 115.7
4028.92 8190 00:19:03
4030.86 00:18:54 115.7
4029.50 00:18:45
4031.83 00:18:36 115.7
4035.72 8190 00:18:27
4027.31 00:18:18 115.7
4027.78 00:18:09
4024.65 7605 00:18:00 115.7
4018.32 00:17:51
4030.65 00:17:42 115.7
4033.39 7020 00:17:33
4028.93 00:17:24 115.7
4029.12 00:17:15
4028.00 7020 00:17:06 115.7


Pump Out Started



LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPOUD Hydraulic Pump Output

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Highly Absorbing Fluid

Low Gas

Water

Medium Gas

Oil

High Gas

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])

Volume (POUDPV) (C3)

−24	(−−−−	16
LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12
LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8
LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4

Parameters

DLIS Name	Description	Value	
MRPS_1: Single Probe Module (MRPS) 1			
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
LFA: Live Fluid Analyzer			
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:11

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_303LTP	FN:482	PRODUCER	02−Dec−2004 11:13	2959.0 M	9.6 M

Output DLIS Files

DEFAULT	MDT_OFA_089PTP	FN:88	PRODUCER	06−Dec−2004 13:11

Schlumberger

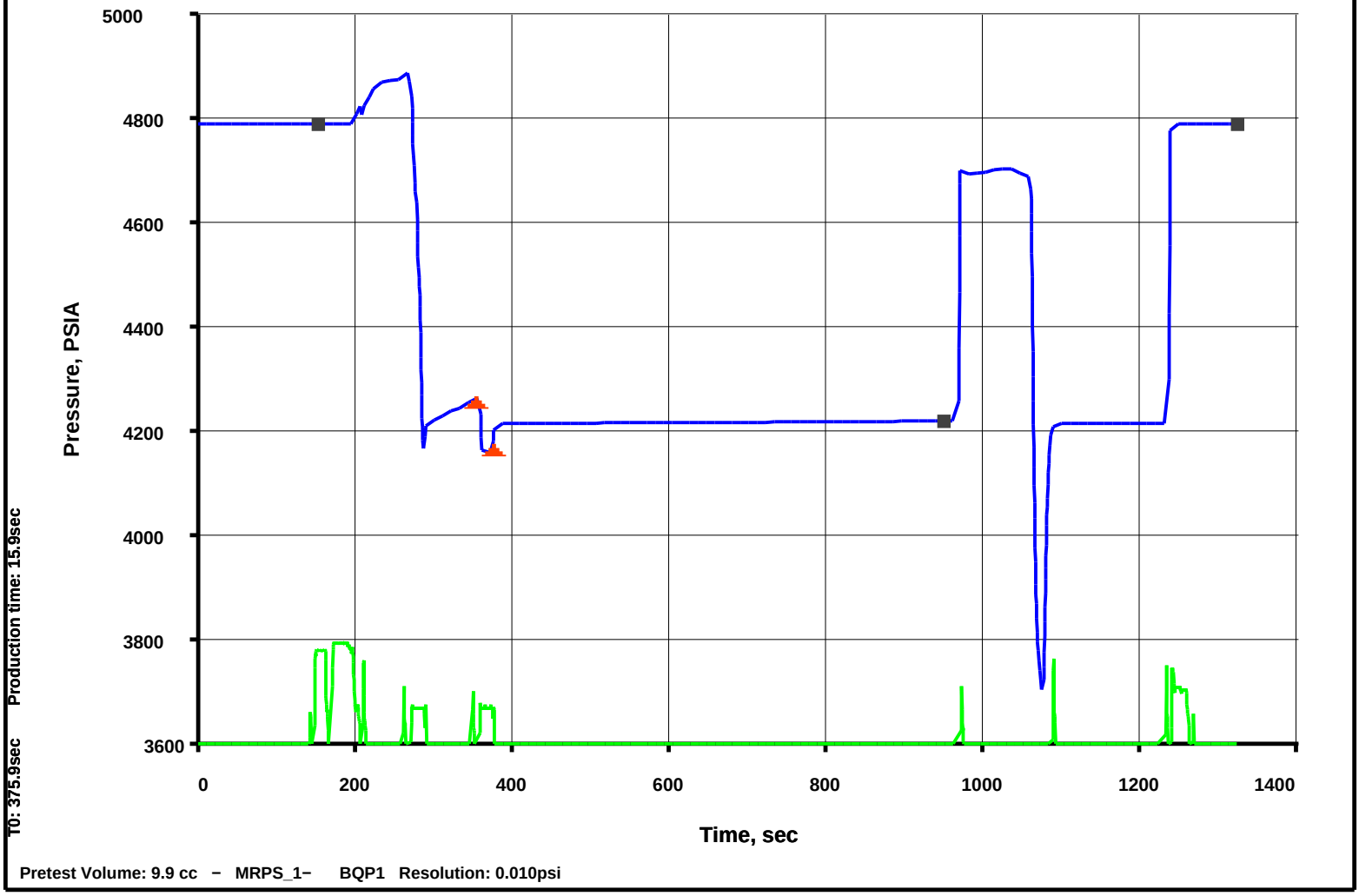
Pretest @ 2986.0 mMD

MAXIS Field Log

File 301 Depth, M: 2985.97 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA: 4789.96

Mud Pressure after test, PSIA: 4789.99
Last build−up pressure, PSIA: 4219.92
Draw−down mobility, md/cp: 9.5



Pretest Volume: 9.9 cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_301LTP	FN:478	PRODUCER	30−Nov−2004 15:09	2986.0 M	3.4 M
BACKUP	MDT_OFA_301LTP	FN:479	PRODUCER	30−Nov−2004 15:08	2986.0 M	3.4 M

Elapsed Time (s)	Event Summary
1233.6	Retract Single Probe Module (MRPS) 1
1074.9	Pumping Stopped 585.0 C3 Dual Up−down Pumpout Module (MRPOUD)
998.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
354.3	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
267.3	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
166.8	Probe Set @ 2986.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)

MRPS 1 Resistivity Cell Temperature (B1TR)

100 (DEGC) 150

(B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

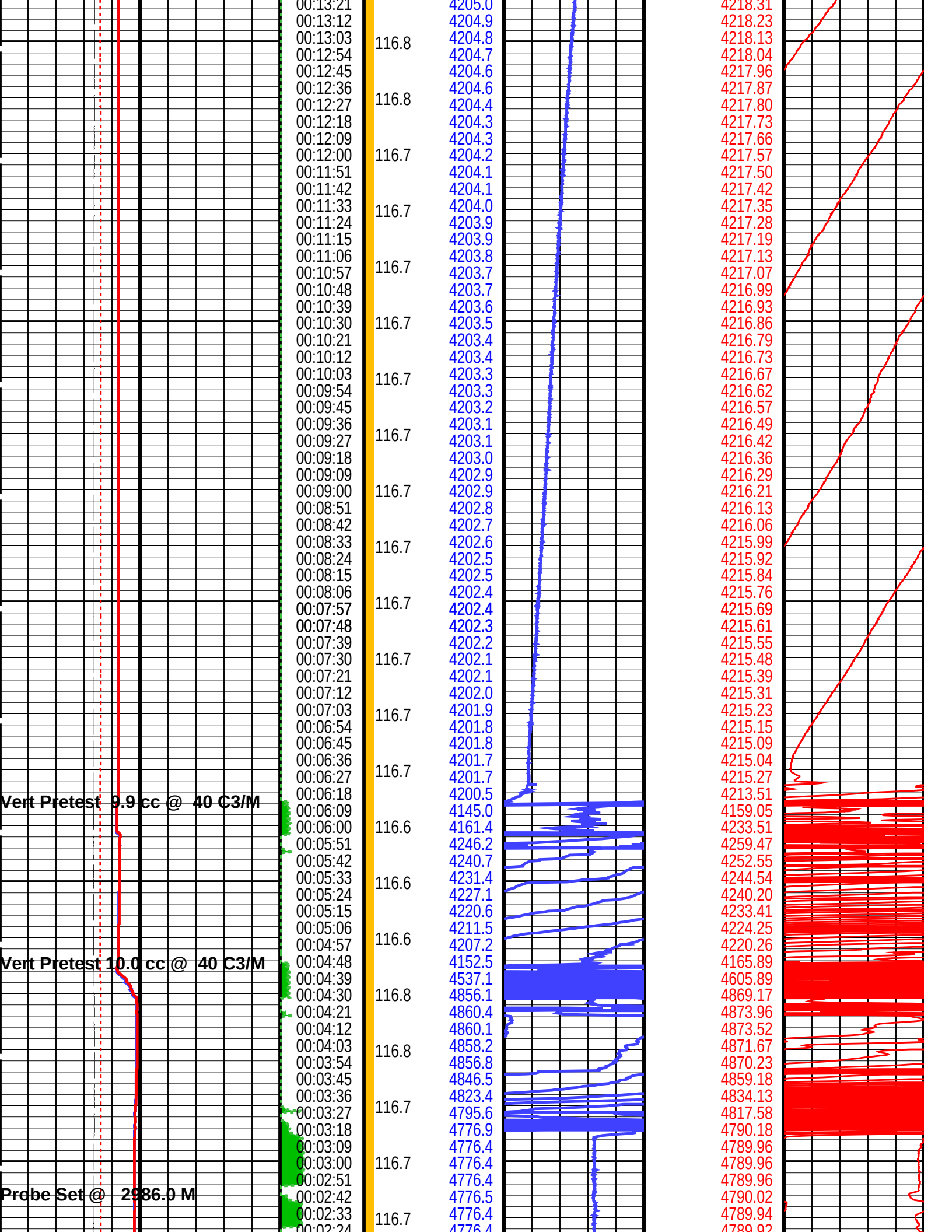
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1

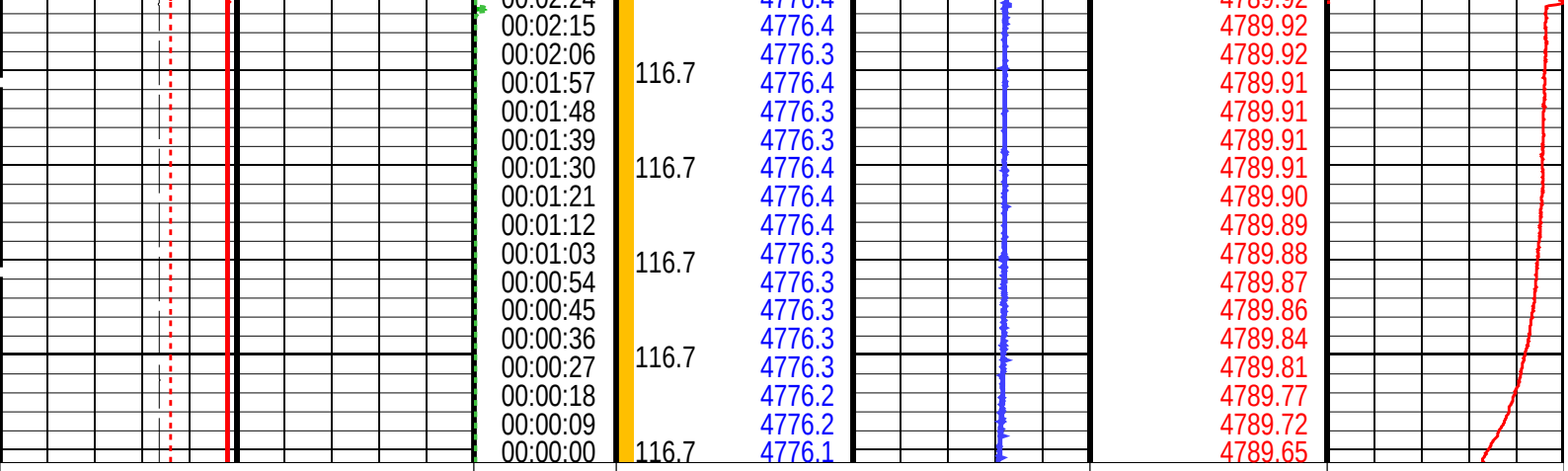
Retract

Pumping Stopped 585.0 C3

Pump Out Started

Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:22:21		4776.6	4789.99
00:22:12		4776.5	4789.99
00:22:03	116.8	4776.6	4789.99
00:21:54		4776.6	4790.00
00:21:45		4776.5	4790.00
00:21:36		4776.6	4790.00
00:21:27	116.8	4776.6	4790.01
00:21:18		4776.5	4790.02
00:21:09		4776.6	4790.04
00:21:00	116.8	4776.6	4790.09
00:20:51		4776.5	4790.04
00:20:42		4775.8	4789.59
00:20:33	116.8	4197.3	4209.07
00:20:24		4201.8	4214.96
00:20:15		4201.8	4214.97
00:20:06		4201.7	4214.96
00:19:57	116.8	4201.7	4214.96
00:19:48		4201.7	4214.96
00:19:39		4201.8	4214.96
00:19:30	116.8	4201.7	4214.95
00:19:21		4201.7	4214.94
00:19:12		4201.7	4214.93
00:19:03	116.8	4201.8	4214.92
00:18:54		4201.7	4214.91
00:18:45		4201.7	4214.89
00:18:36		4201.6	4214.86
00:18:27	116.8	4201.5	4214.75
00:18:18		4201.1	4214.35
00:18:09		4198.9	4212.18
00:18:00	116.8	4072.3	4055.13
00:17:51		3708.4	3731.38
00:17:42		4198.7	4304.90
00:17:33	116.9	4674.7	4687.42
00:17:24		4683.2	4704.12
00:17:15		4692.4	4704.59
00:17:06		4688.5	4702.25
00:16:57	116.9	4686.0	4700.03
00:16:48		4687.6	4700.17
00:16:39		4682.1	4695.62
00:16:30	116.9	4681.5	4695.09
00:16:21		4680.6	4694.35
00:16:12		4679.1	4694.12
00:16:03	116.8	4206.7	4220.84
00:15:54		4206.7	4219.97
00:15:45		4206.5	4219.86
00:15:36		4206.4	4219.77
00:15:27	116.8	4206.3	4219.65
00:15:18		4206.3	4219.55
00:15:09		4206.1	4219.46
00:15:00	116.8	4206.0	4219.36
00:14:51		4205.9	4219.26
00:14:42		4205.8	4219.16
00:14:33	116.8	4205.7	4219.04
00:14:24		4205.6	4218.95
00:14:15		4205.5	4218.84
00:14:06		4205.4	4218.76
00:13:57	116.8	4205.3	4218.68
00:13:48		4205.2	4218.58
00:13:39		4205.2	4218.50
00:13:30	116.8	4205.1	4218.41


Vert Pretest 9.9 cc @ 40 C3/M
Vert Pretest 10.0 cc @ 40 C3/M
Probe Set @ 2986.0 M



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 15:09

OP System Version: 12C0−301

MCM

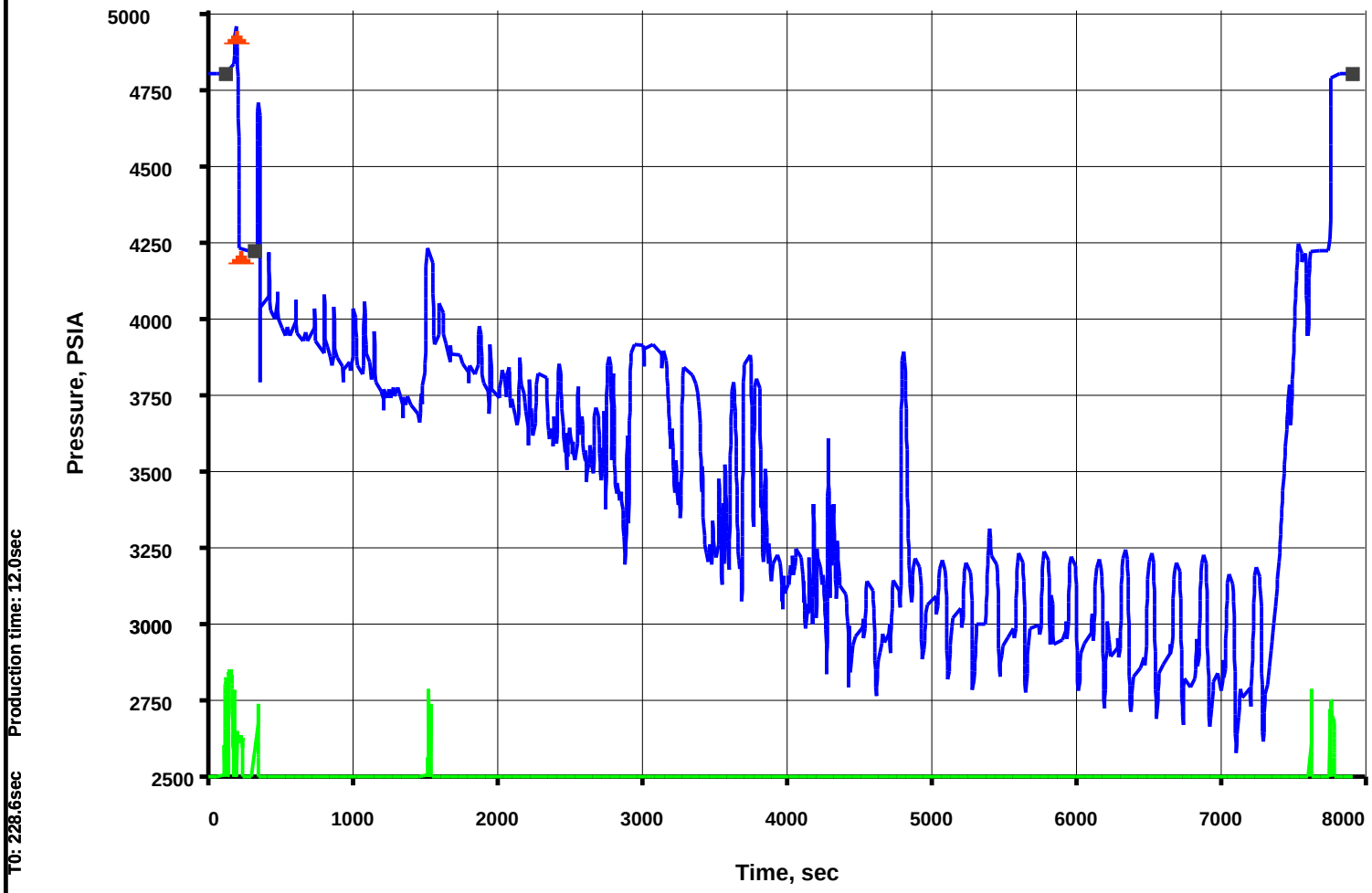
MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_301LTP	FN:478	PRODUCER	30−Nov−2004 15:09
BACKUP	MDT_OFA_301LTP	FN:479	PRODUCER	30−Nov−2004 15:08

File 296 Depth, M: 2988.02 Normal Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	4792.8
Mud Pressure after test, PSIA:	4793.36
Last build−up pressure, PSIA:	4215.2
Draw−down mobility, md/cp:	159.7



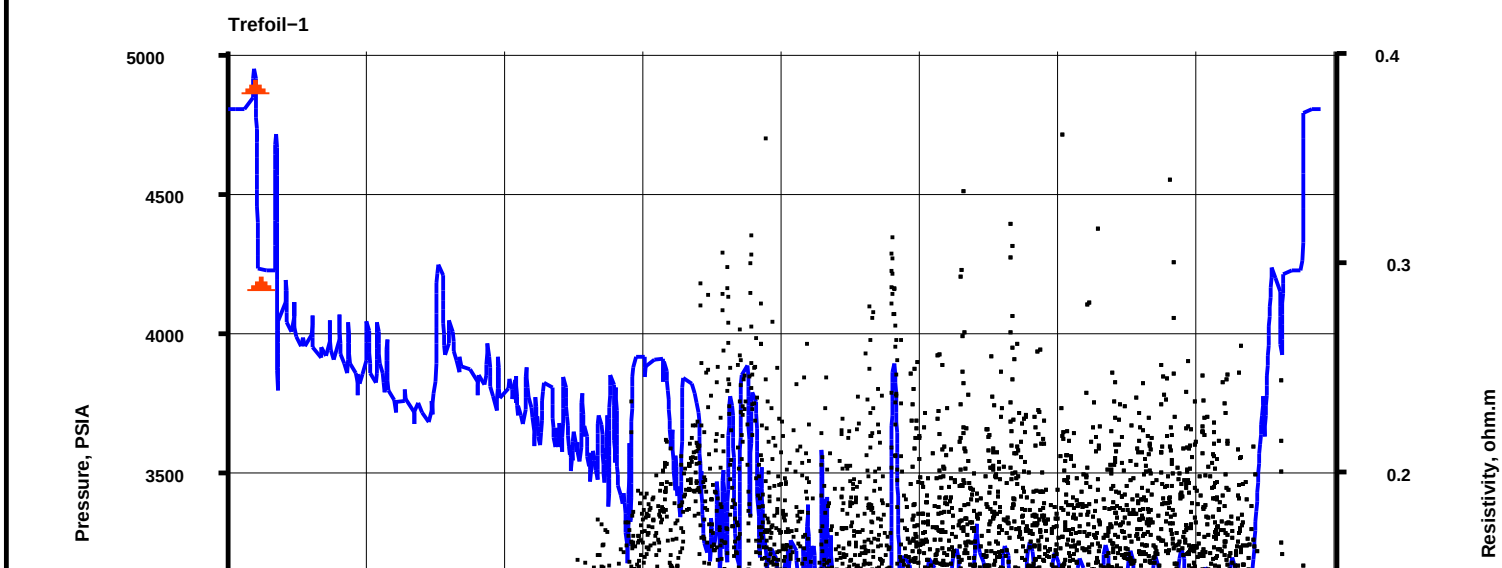
Pretest Volume: 20.0cc − MRPS_1− BQP1 Resolution: 0.010psi

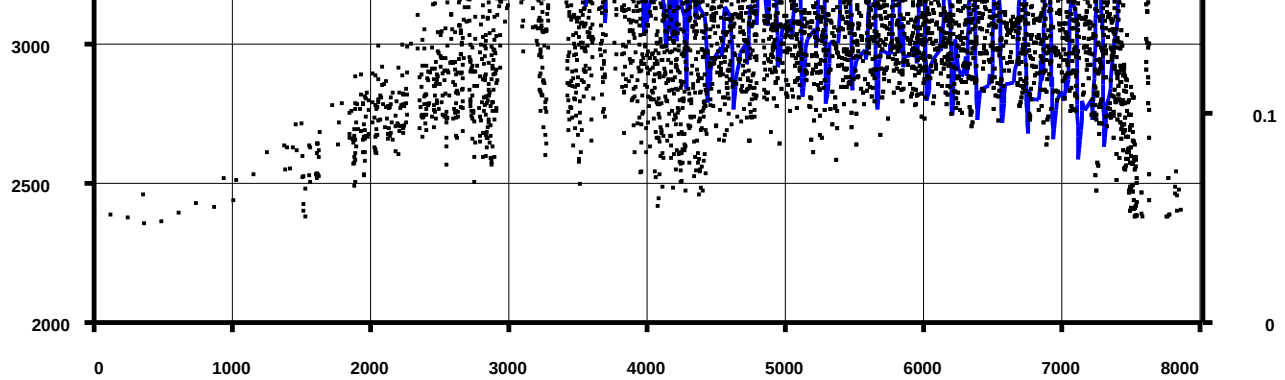
File 296

25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1





Start of Test Time: 199.2 sec

Start of Build−up Time: 238.5 sec

Reference pressure st start of build−up (BQP1) 4920.3 PSIA.

Input DLIS Files

DEFAULT	MDT_OFA_296LTP	FN:468	PRODUCER	02−Dec−2004 11:13	2988.0 M	20.2 M

Output DLIS Files

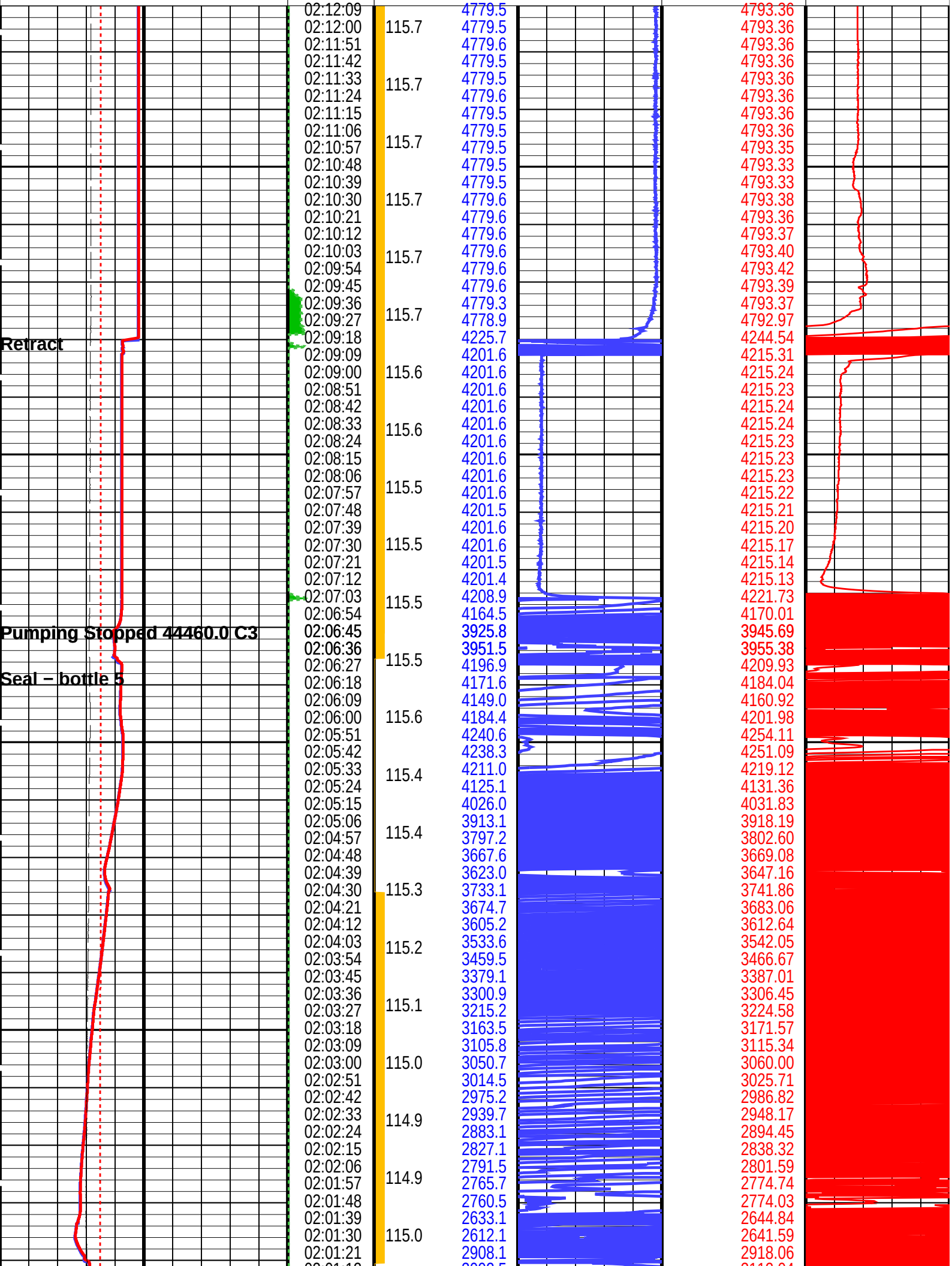
DEFAULT	MDT_OFA_087PTP	FN:86	PRODUCER	06−Dec−2004 13:04	2988.0 M	20.2 M

Elapsed Time (s)	Event Summary
7758.3	Retract Single Probe Module (MRPS) 1
7607.7	Pumping Stopped 44460.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7583.4	Seal Multi−Sample Module (MRMS) 1, bottle 5
7090.2	Open Multi−Sample Module (MRMS) 1, bottle 5, sample number = 5
1551.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
1515.3	Probe Set @ 2988.0 M Single Probe Module (MRPS) 1
1502.1	Pumping Stopped 10530.0 C3 Dual Up−down Pumpout Module (MRPOUD)
354.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
199.2	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
138.0	Probe Set @ 2988.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150					
MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150		MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)			
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10		
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3) 0 (−−−− 30		MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



02:12:09		4779.5	4793.36
02:12:00	115.7	4779.5	4793.36
02:11:51		4779.6	4793.36
02:11:42		4779.5	4793.36
02:11:33	115.7	4779.5	4793.36
02:11:24		4779.6	4793.36
02:11:15		4779.5	4793.36
02:11:06		4779.5	4793.36
02:10:57	115.7	4779.5	4793.35
02:10:48		4779.5	4793.33
02:10:39		4779.5	4793.33
02:10:30	115.7	4779.6	4793.38
02:10:21		4779.6	4793.36
02:10:12		4779.6	4793.37
02:10:03	115.7	4779.6	4793.40
02:09:54		4779.6	4793.42
02:09:45		4779.6	4793.39
02:09:36		4779.3	4793.37
02:09:27	115.7	4778.9	4792.97
02:09:18		4225.7	4244.54
02:09:09		4201.6	4215.31
02:09:00	115.6	4201.6	4215.24
02:08:51		4201.6	4215.23
02:08:42		4201.6	4215.24
02:08:33	115.6	4201.6	4215.24
02:08:24		4201.6	4215.23
02:08:15		4201.6	4215.23
02:08:06		4201.6	4215.23
02:07:57	115.5	4201.6	4215.22
02:07:48		4201.5	4215.21
02:07:39		4201.6	4215.20
02:07:30	115.5	4201.6	4215.17
02:07:21		4201.5	4215.14
02:07:12		4201.4	4215.13
02:07:03	115.5	4208.9	4221.73
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02:06:36		3951.5	3955.38
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02:06:18		4171.6	4184.04
02:06:09		4149.0	4160.92
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02:05:15		4026.0	4031.83
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02:04:39		3623.0	3647.16
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02:03:18		3163.5	3171.57
02:03:09		3105.8	3115.34
02:03:00	115.0	3050.7	3060.00
02:02:51		3014.5	3025.71
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02:02:33	114.9	2939.7	2948.17
02:02:24		2883.1	2894.45
02:02:15		2827.1	2838.32
02:02:06		2791.5	2801.59
02:01:57	114.9	2765.7	2774.74
02:01:48		2760.5	2774.03
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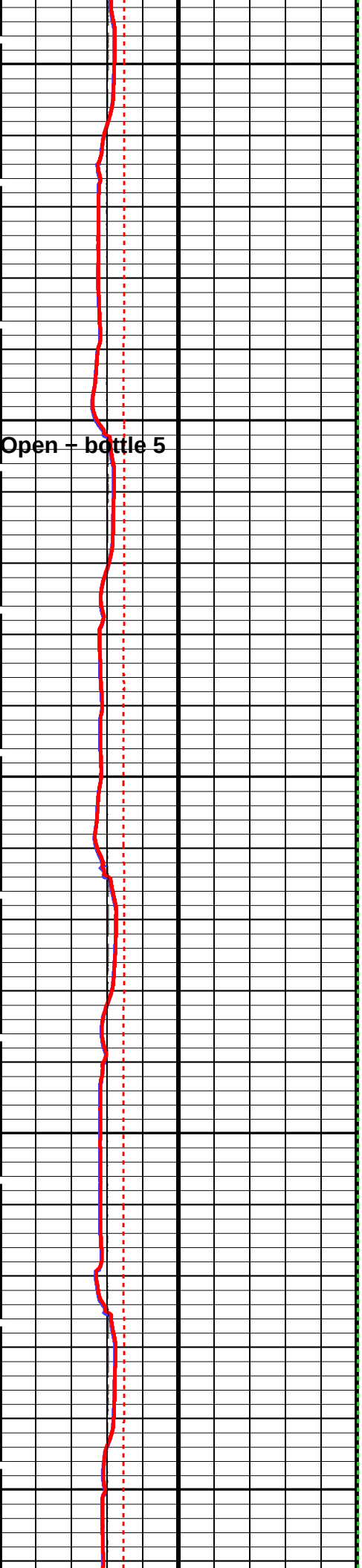

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01:57:18		2992.1	2990.42
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01:56:24		2822.5	2838.89
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01:53:24		2778.5	2793.40
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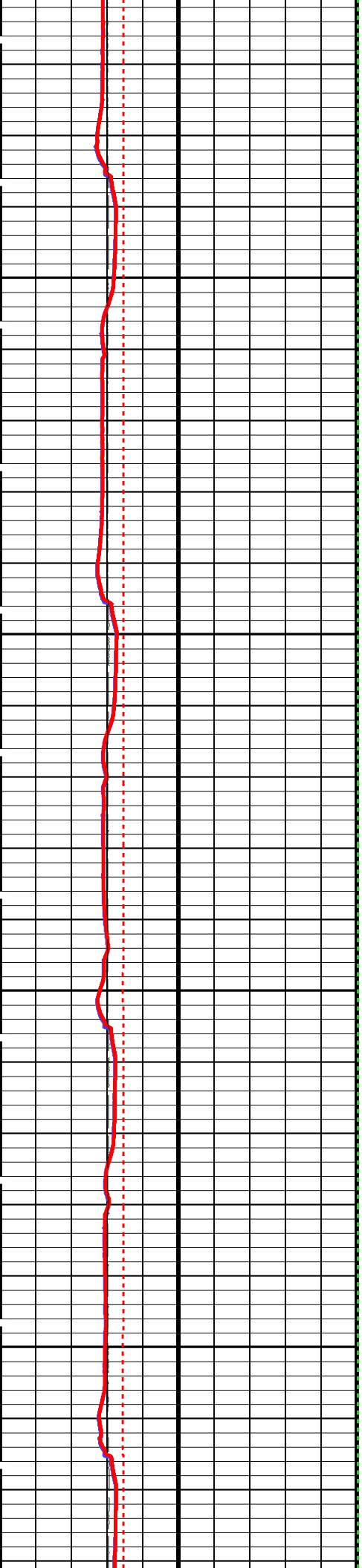

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01:48:18		3154.8	3166.18
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01:46:39		2828.0	2840.02
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01:46:21		2723.2	2728.92
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01:45:36	115.1	3223.4	3236.00
01:45:27		3201.9	3213.08
01:45:18		3160.0	3169.16
01:45:09		3005.3	3002.81
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01:44:42		2874.2	2889.94
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01:42:18		3159.9	3168.95
01:42:09		3052.1	3046.85
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01:41:42		2913.8	2927.15
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01:40:30	115.0	2878.8	2882.64
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01:40:12		2800.0	2785.65
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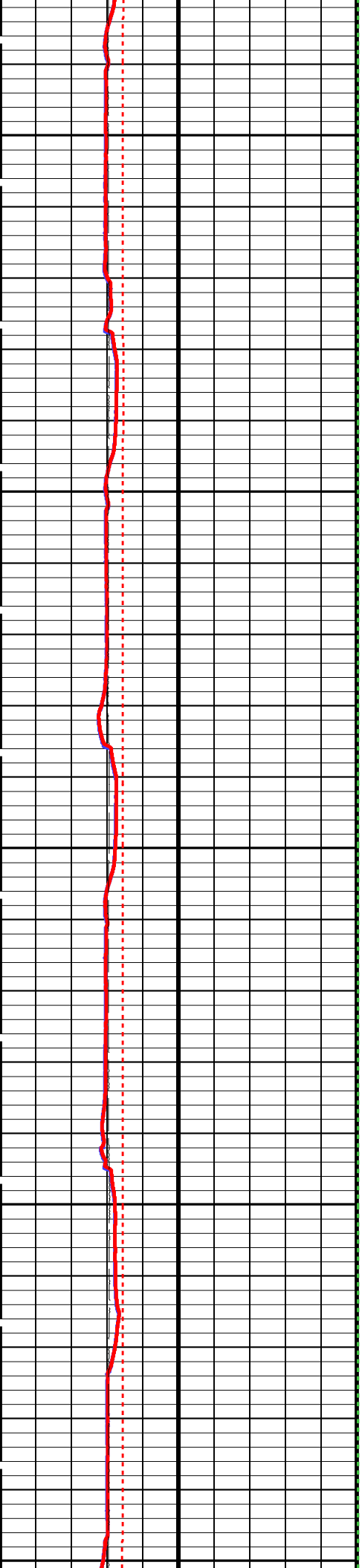

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01:37:39		2929.7	2943.67
01:37:30	115.1	2927.6	2939.99
01:37:21		2941.5	2972.56
01:37:12		3071.5	3086.57
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01:35:06		2962.5	2977.55
01:34:57	115.1	2964.8	2979.15
01:34:48		2964.6	2980.53
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01:34:30	115.1	2933.2	2942.08
01:34:21		2832.5	2838.18
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01:33:36		3225.7	3239.88
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01:32:24		2933.5	2947.62
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01:32:06		2937.7	2947.51
01:31:57	115.1	2929.9	2942.64
01:31:48		2921.3	2937.37
01:31:39		2920.5	2933.63
01:31:30	115.1	2888.4	2895.22
01:31:21		2836.1	2850.62
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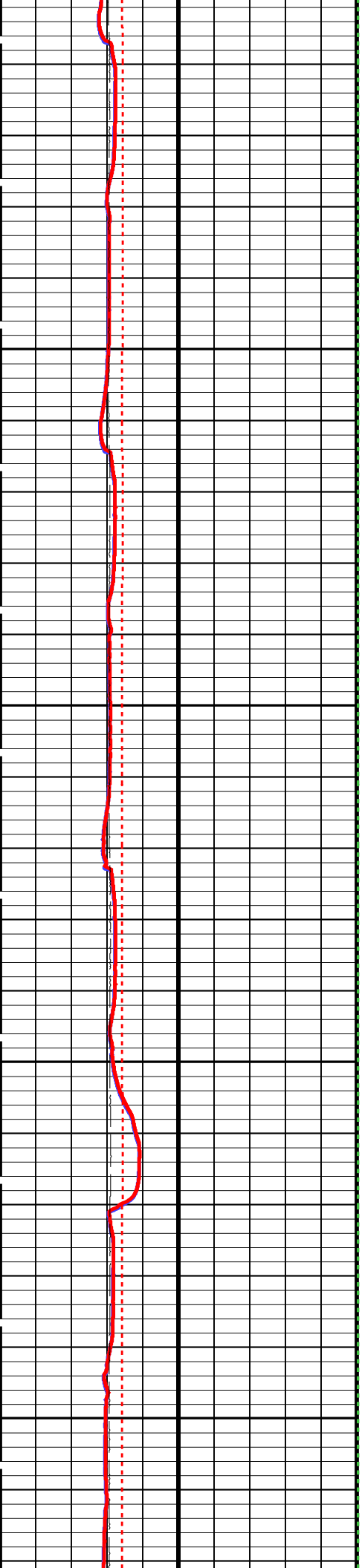

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01:26:42		3024.7	3037.81
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01:26:24		3026.2	3038.51
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01:23:33	115.2	3040.9	3054.28
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01:23:15		3064.1	3076.65
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01:21:36		3202.4	3213.17
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01:20:24		3712.8	3732.98
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01:18:09		2924.7	2939.57
01:18:00	115.2	2931.4	2940.51
01:17:51		2947.7	2962.36
01:17:42		2945.7	2947.35
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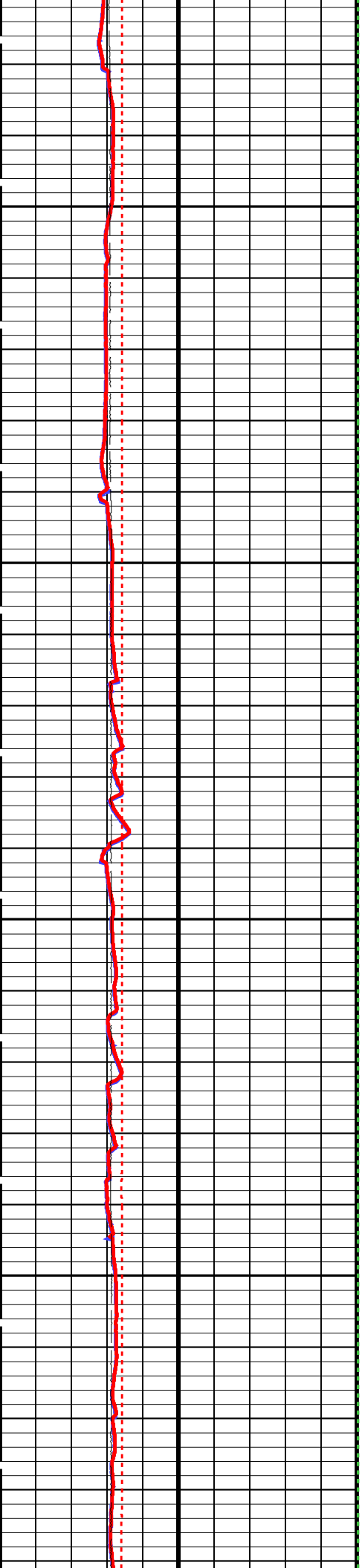

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01:11:51		3171.6	3202.97
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01:08:06		3235.9	3246.67
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01:05:15		3193.7	3205.65
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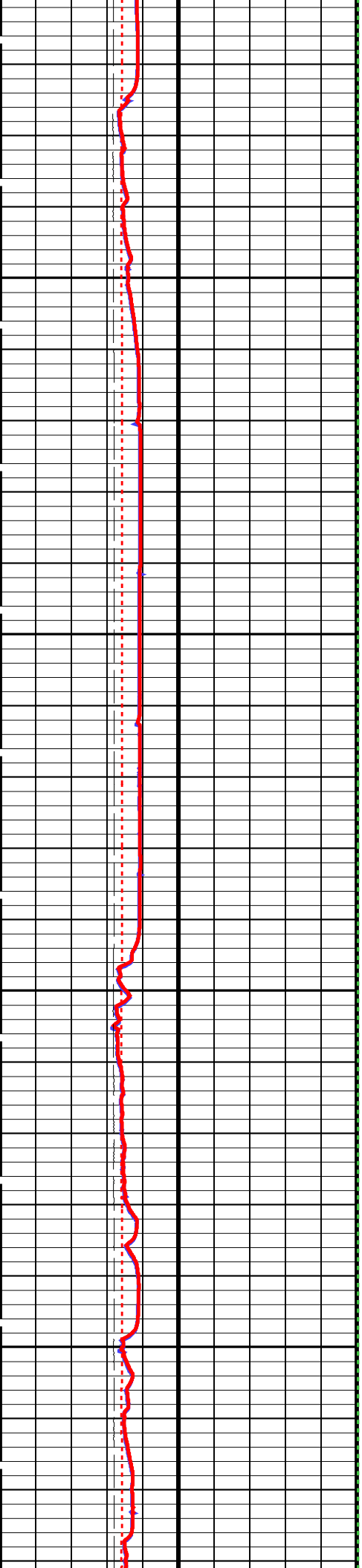

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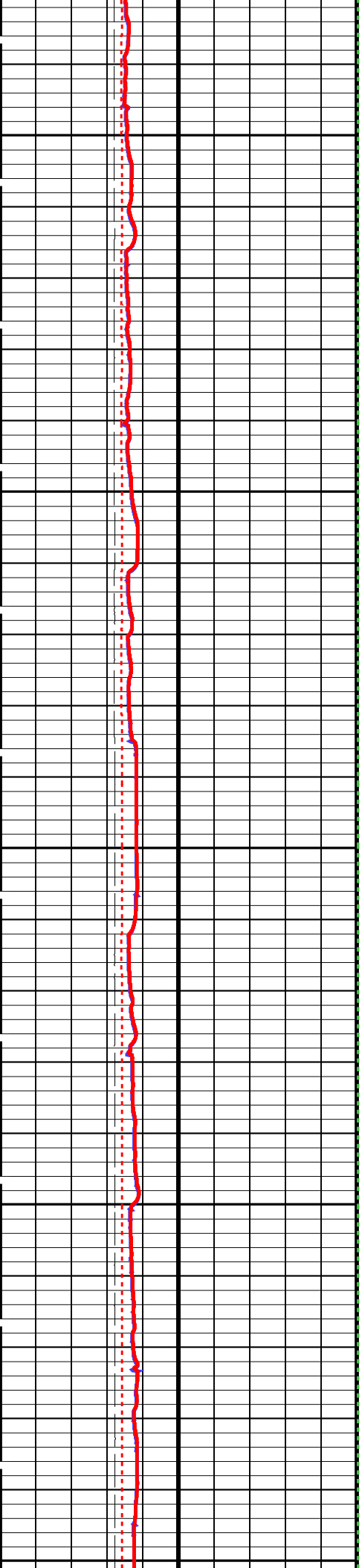

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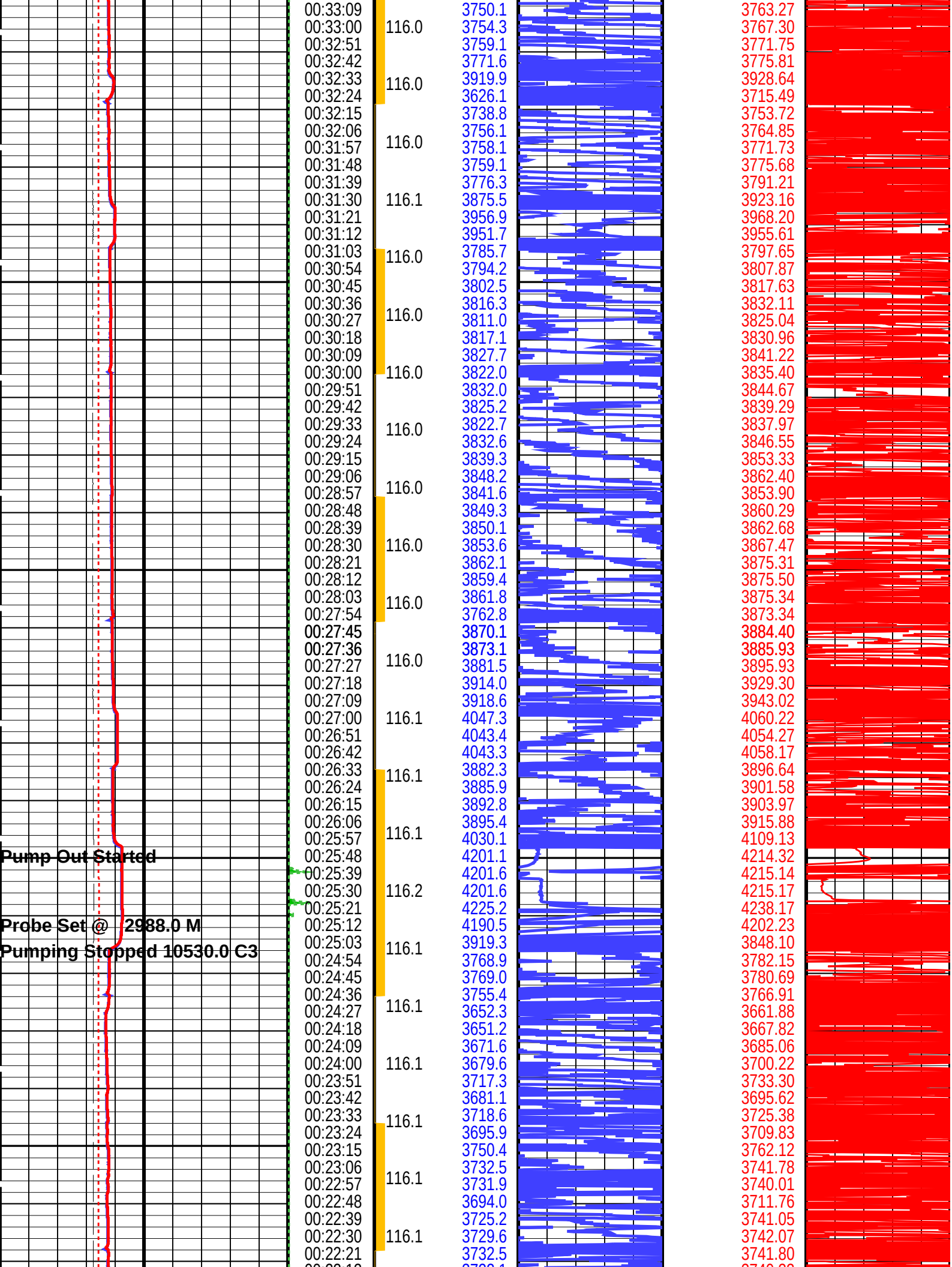

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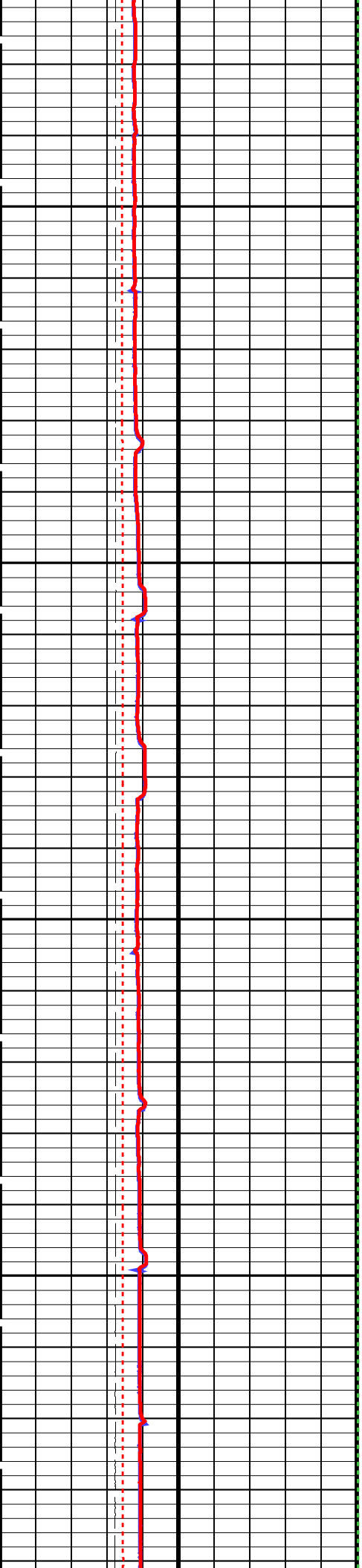

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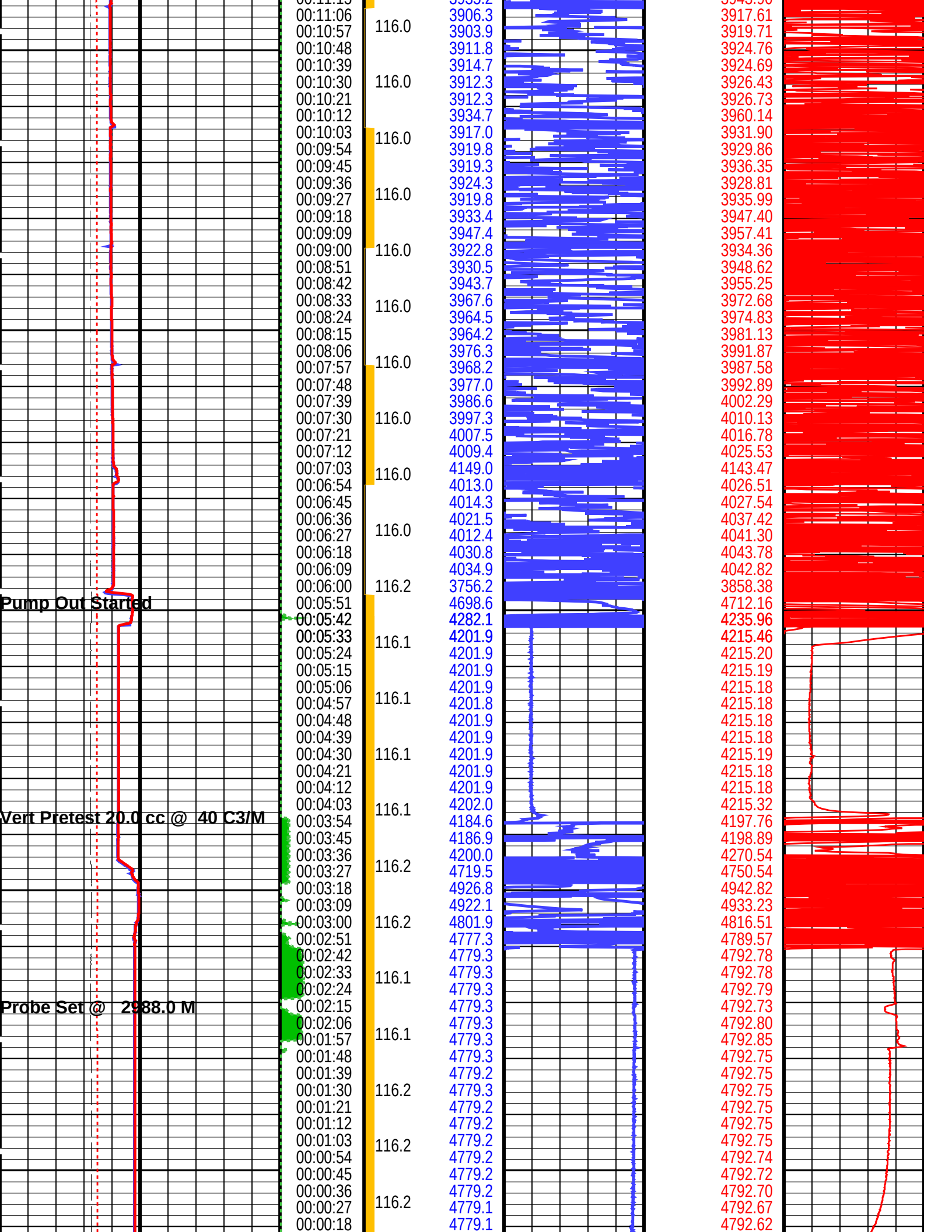
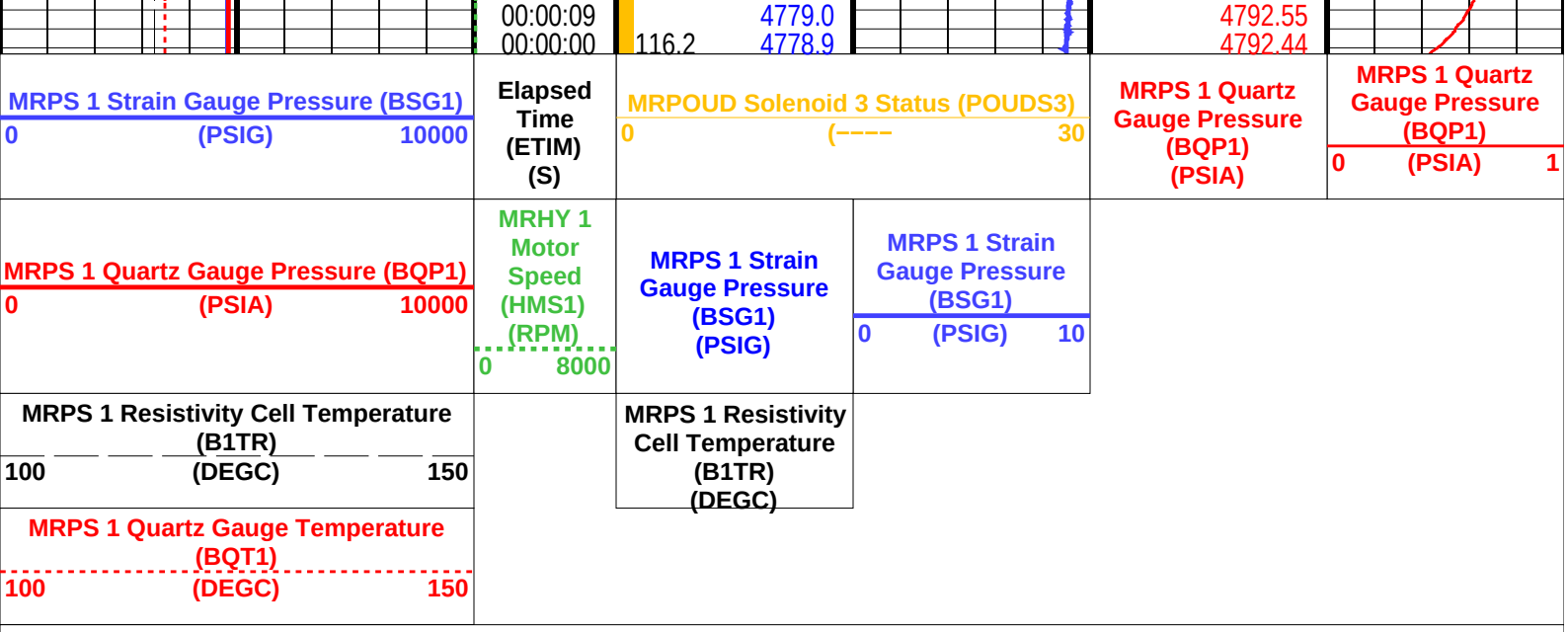

Pump Out Started
Vert Pretest 20.0 cc @ 40 C3/M
Probe Set @ 2988.0 M



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:04

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_296LTP	FN:468	PRODUCER	02−Dec−2004 11:13	2988.0 M	20.2 M

Output DLIS Files

DEFAULT	MDT_OFA_087PTP	FN:86	PRODUCER	06−Dec−2004 13:04	

Input DLIS Files

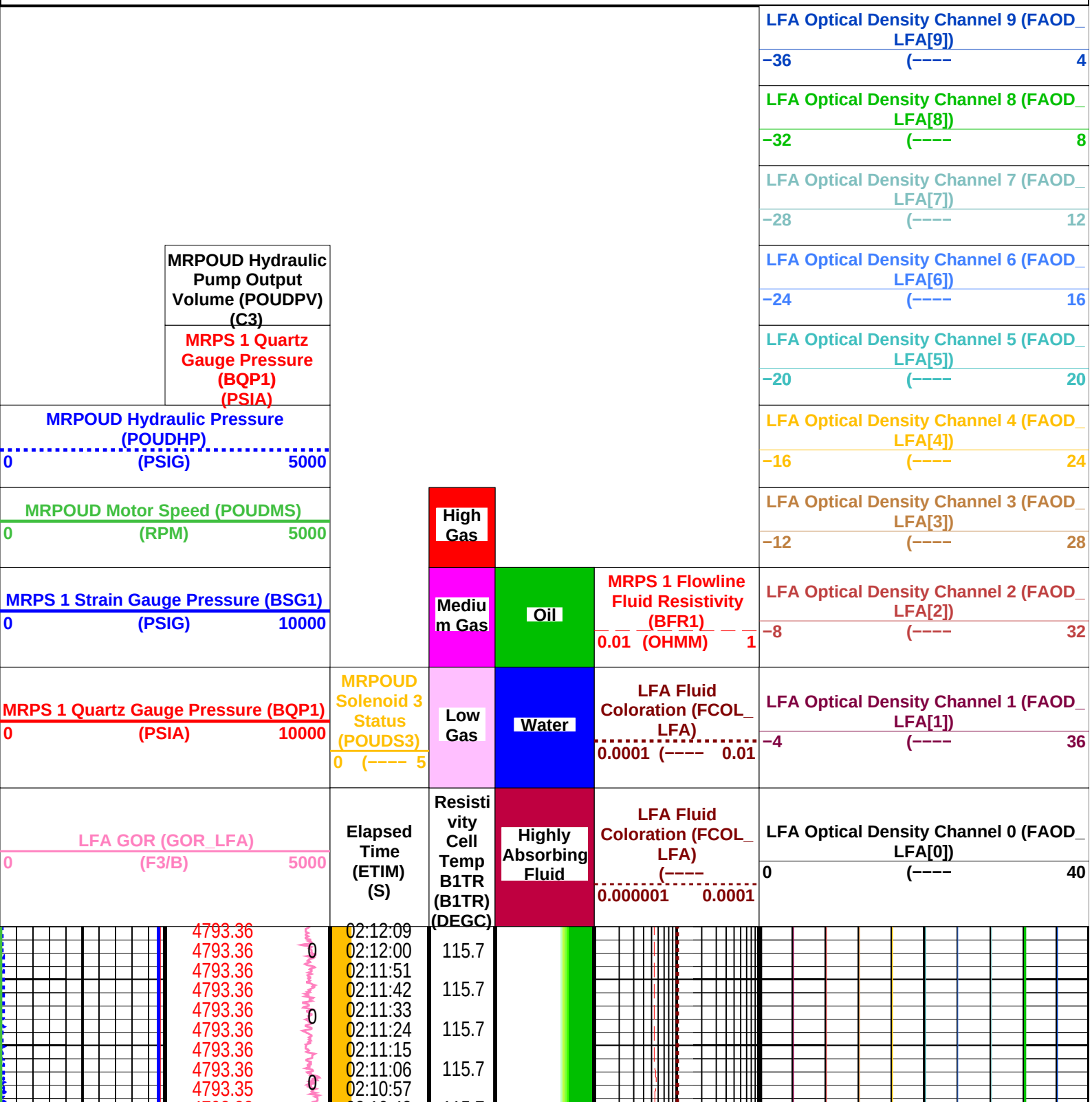
DEFAULT	MDT_OFA_296LTP	FN:468	PRODUCER	02−Dec−2004 11:13	2988.0 M	20.2 M

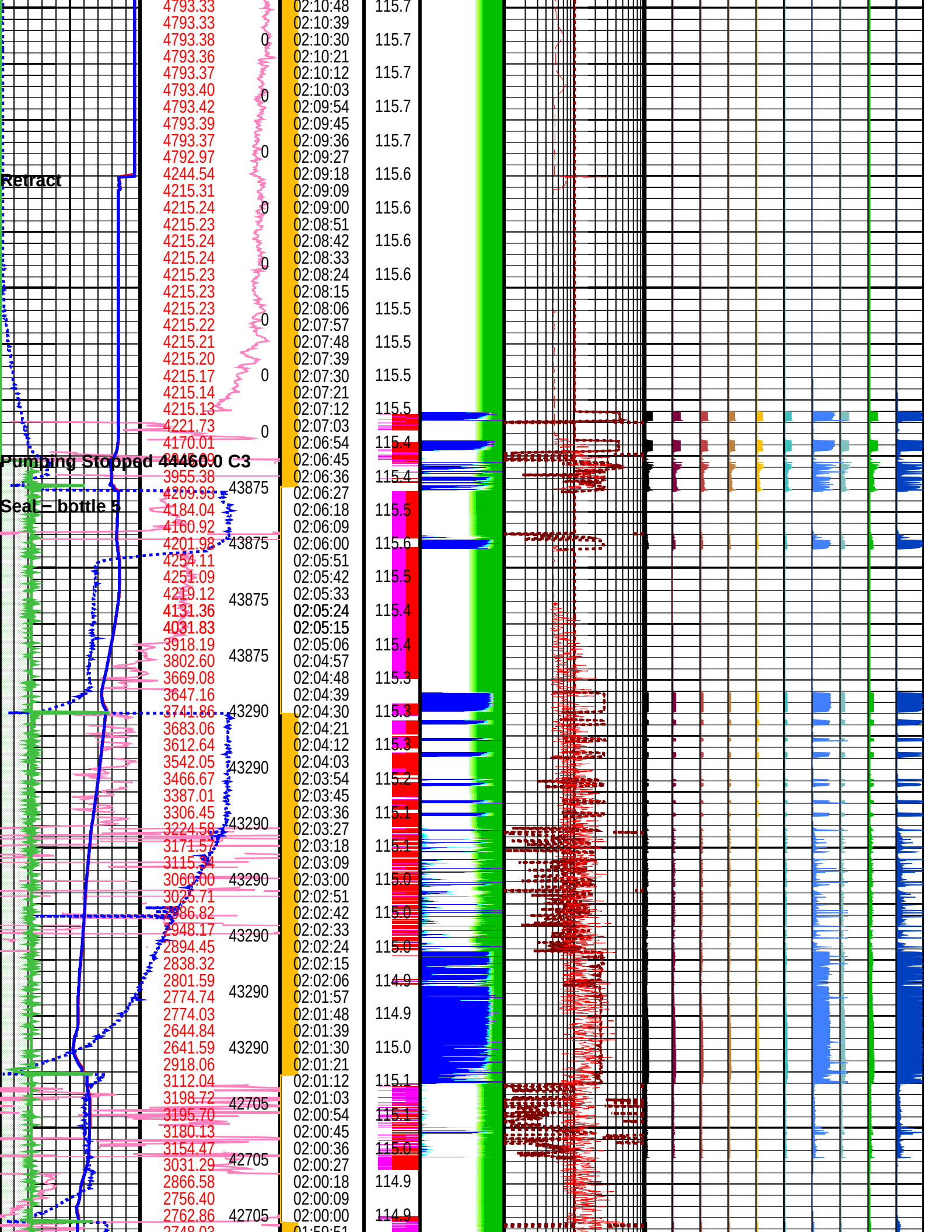
Output DLIS Files

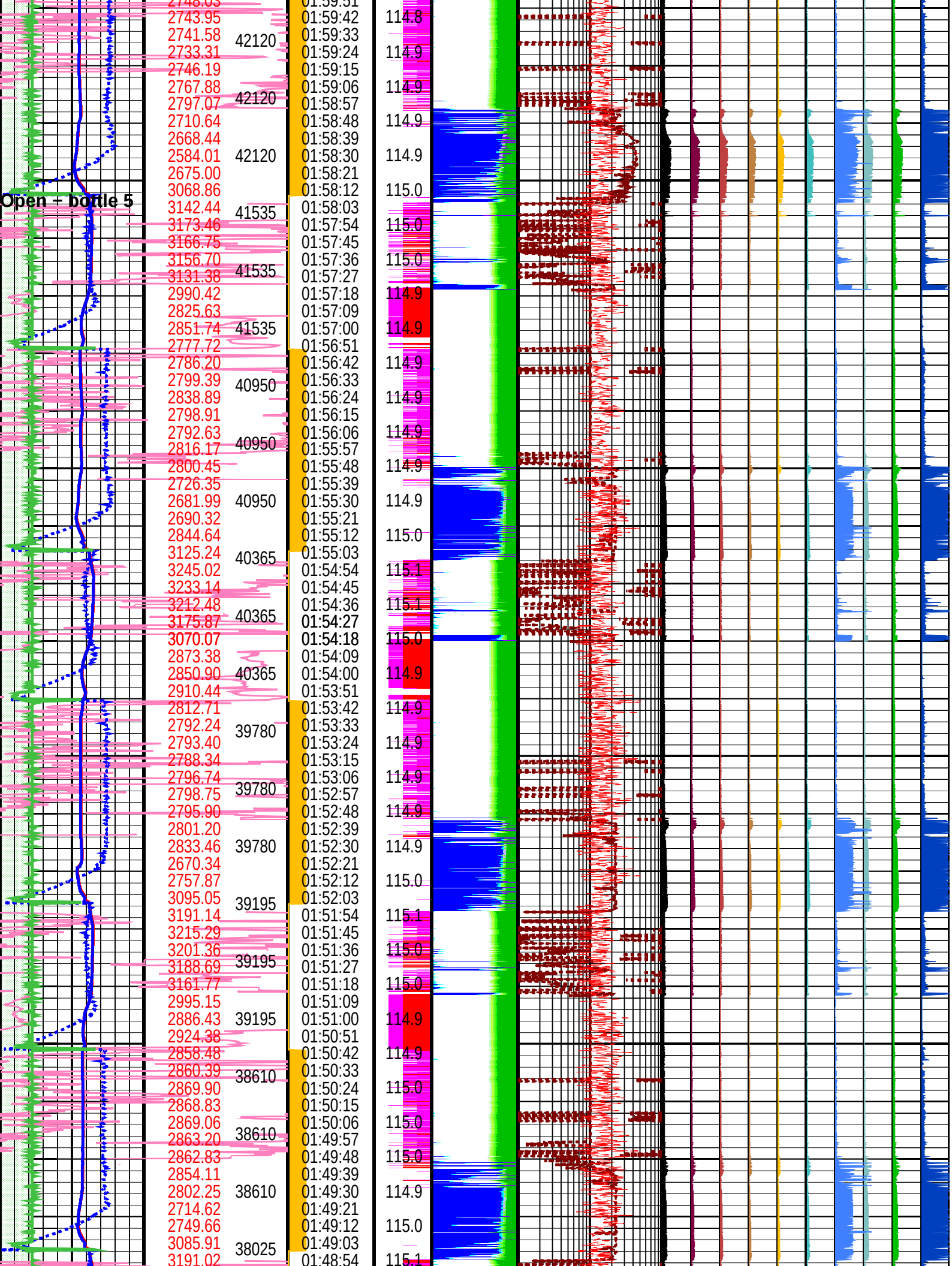
DEFAULT	MDT_OFA_087PTP	FN:86	PRODUCER	06−Dec−2004 13:04	2988.0 M	20.2 M

Elapsed Time (s)	Event Summary

7758.3	Retract Single Probe Module (MRPS) 1
7607.7	Pumping Stopped 44460.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7583.4	Seal Multi−Sample Module (MRMS) 1, bottle 5
7090.2	Open Multi−Sample Module (MRMS) 1, bottle 5, sample number = 5
1551.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
1515.3	Probe Set @ 2988.0 M Single Probe Module (MRPS) 1
1502.1	Pumping Stopped 10530.0 C3 Dual Up−down Pumpout Module (MRPOUD)
354.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
199.2	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
138.0	Probe Set @ 2988.0 M Single Probe Module (MRPS) 1




Retract
Pumping Stopped 44460.0 C3
Seal – bottle 5
4793.33 02:10:48 115.7
4793.33 02:10:39
4793.38 0 02:10:30 115.7
4793.36 02:10:21
4793.37 02:10:12 115.7
4793.40 0 02:10:03
4793.42 02:09:54 115.7
4793.39 02:09:45
4793.37 02:09:36 115.7
4792.97 0 02:09:27
4244.54 02:09:18 115.6
4215.31 02:09:09
4215.24 0 02:09:00 115.6
4215.23 02:08:51
4215.24 02:08:42 115.6
4215.24 0 02:08:33
4215.23 02:08:24 115.6
4215.23 02:08:15
4215.23 02:08:06 115.5
4215.22 0 02:07:57
4215.21 02:07:48 115.5
4215.20 02:07:39
4215.17 0 02:07:30 115.5
4215.14 02:07:21
4215.13 02:07:12 115.5
4221.73 0 02:07:03
4170.01 02:06:54 115.4
02:06:45
3955.38 02:06:36 115.4
4209.93 43875 02:06:27
4184.04 02:06:18 115.5
4160.92 02:06:09
4201.98 43875 02:06:00 115.6
4254.11 02:05:51
4251.09 02:05:42 115.5
4219.12 43875 02:05:33
4131.36 02:05:24 115.4
4031.83 02:05:15
3918.19 02:05:06 115.4
3802.60 43875 02:04:57
3669.08 02:04:48 115.3
3647.16 02:04:39
3741.86 43290 02:04:30 115.3
3683.06 02:04:21
3612.64 02:04:12 115.3
3542.05 43290 02:04:03
3466.67 02:03:54 115.2
3387.01 02:03:45
3306.45 02:03:36 115.1
3224.58 43290 02:03:27
3171.57 02:03:18 115.1
3115.34 02:03:09
3060.00 43290 02:03:00 115.0
3025.71 02:02:51
2986.82 02:02:42 115.0
2948.17 43290 02:02:33
2894.45 02:02:24 115.0
2838.32 02:02:15
2801.59 02:02:06 114.9
2774.74 43290 02:01:57
2774.03 02:01:48 114.9
2644.84 02:01:39
2641.59 43290 02:01:30 115.0
2918.06 02:01:21
3112.04 02:01:12 115.1
3198.72 42705 02:01:03
3195.70 02:00:54 115.1
3180.13 02:00:45
3154.47 02:00:36 115.0
3031.29 42705 02:00:27
2866.58 02:00:18 114.9
2756.40 02:00:09
2762.86 42705 02:00:00 114.9


Open + bottle 5
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2733.31
2746.19
2767.88
2797.07
2710.64
2668.44
2584.01
2675.00
3068.86
3142.44
3173.46
3166.75
3156.70
3131.38
2990.42
2825.63
2851.74
2777.72
2786.20
2799.39
2838.89
2798.91
2792.63
2816.17
2800.45
2726.35
2681.99
2690.32
2844.64
3125.24
3245.02
3233.14
3212.48
3175.87
3070.07
2873.38
2850.90
2910.44
2812.71
2792.24
2793.40
2788.34
2796.74
2798.75
2795.90
2801.20
2833.46
2670.34
2757.87
3095.05
3191.14
3215.29
3201.36
3188.69
3161.77
2995.15
2886.43
2924.38
2858.48
2860.39
2869.90
2868.83
2869.06
2863.20
2862.83
2854.11
2802.25
2714.62
2749.66
3085.91
3191.02
42120
42120
42120
41535
41535
41535
40950
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40365
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40365
39780
39780
39780
39195
39195
39195
38610
38610
38610
38025
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01:58:48
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01:49:03
01:48:54
114.8
114.9
114.9
114.9
114.9
115.0
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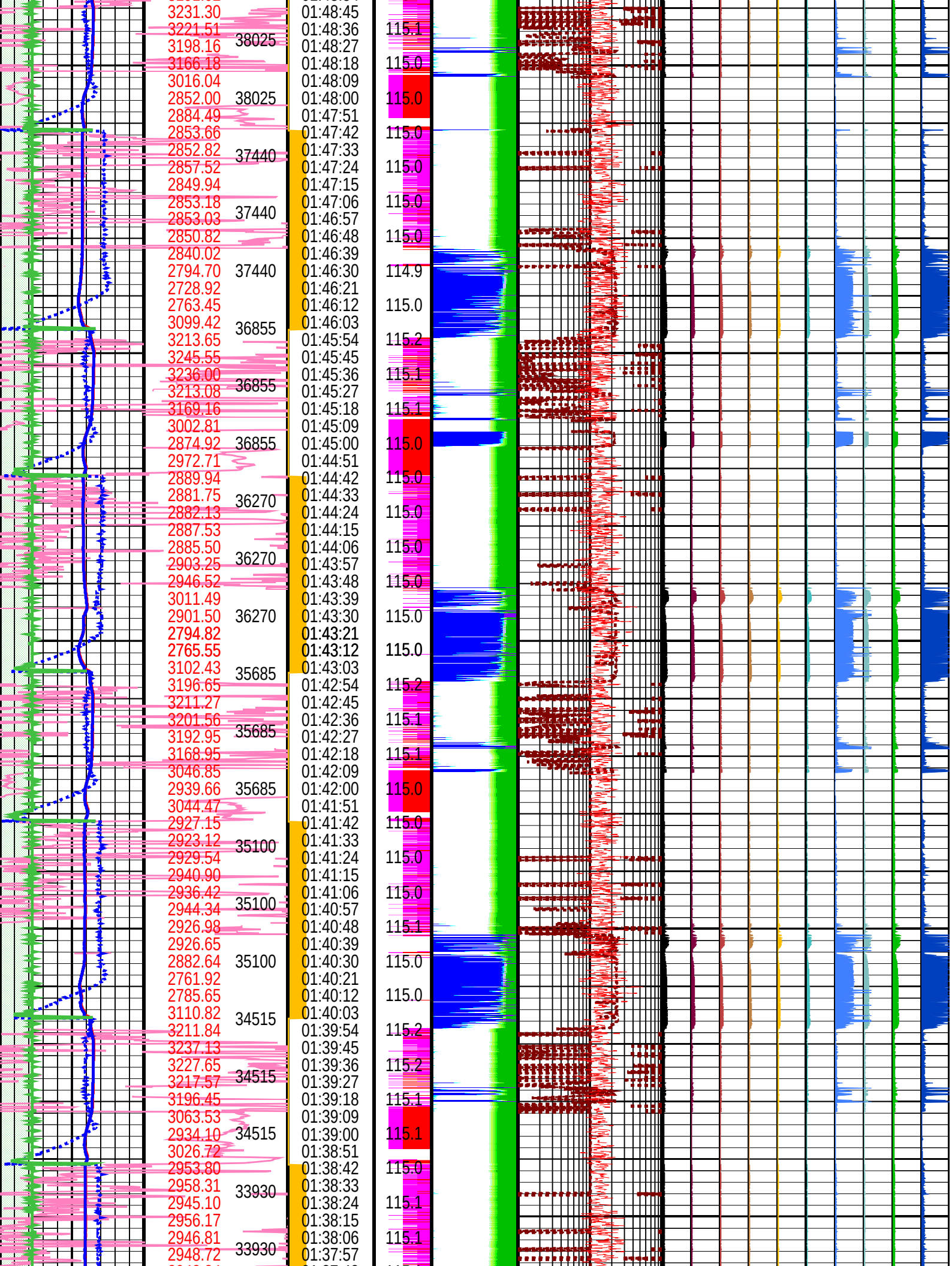
115.1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3198.16 01:48:27
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3016.04 01:48:09
2852.00 38025 01:48:00 115.0
2884.49 01:47:51
2853.66 01:47:42 115.0
2852.82 37440 01:47:33
2857.52 01:47:24 115.0
2849.94 01:47:15
2853.18 01:47:06 115.0
2853.03 37440 01:46:57
2850.82 01:46:48 115.0
2840.02 01:46:39
2794.70 37440 01:46:30 114.9
2728.92 01:46:21
2763.45 01:46:12 115.0
3099.42 36855 01:46:03
3213.65 01:45:54 115.2
3245.55 01:45:45
3236.00 36855 01:45:36 115.1
3213.08 01:45:27
3169.16 01:45:18 115.1
3002.81 01:45:09
2874.92 36855 01:45:00 115.0
2972.71 01:44:51
2889.94 01:44:42 115.0
2881.75 36270 01:44:33
2882.13 01:44:24 115.0
2887.53 01:44:15
2885.50 01:44:06 115.0
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2946.52 01:43:48 115.0
3011.49 01:43:39
2901.50 36270 01:43:30 115.0
2794.82 01:43:21
2765.55 01:43:12 115.0
3102.43 35685 01:43:03
3196.65 01:42:54 115.2
3211.27 01:42:45
3201.56 01:42:36 115.1
3192.95 35685 01:42:27
3168.95 01:42:18 115.1
3046.85 01:42:09
2939.66 35685 01:42:00 115.0
3044.47 01:41:51
2927.15 01:41:42 115.0
2923.12 35100 01:41:33
2929.54 01:41:24 115.0
2940.90 01:41:15
2936.42 01:41:06 115.0
2944.34 35100 01:40:57
2926.98 01:40:48 115.1
2926.65 01:40:39
2882.64 35100 01:40:30 115.0
2761.92 01:40:21
2785.65 01:40:12 115.0
3110.82 34515 01:40:03
3211.84 01:39:54 115.2
3237.13 01:39:45
3227.65 01:39:36 115.2
3217.57 34515 01:39:27
3196.45 01:39:18 115.1
3063.53 01:39:09
2934.10 34515 01:39:00 115.1
3026.72 01:38:51
2953.80 01:38:42 115.0
2958.31 33930 01:38:33
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2946.81 01:38:06 115.1
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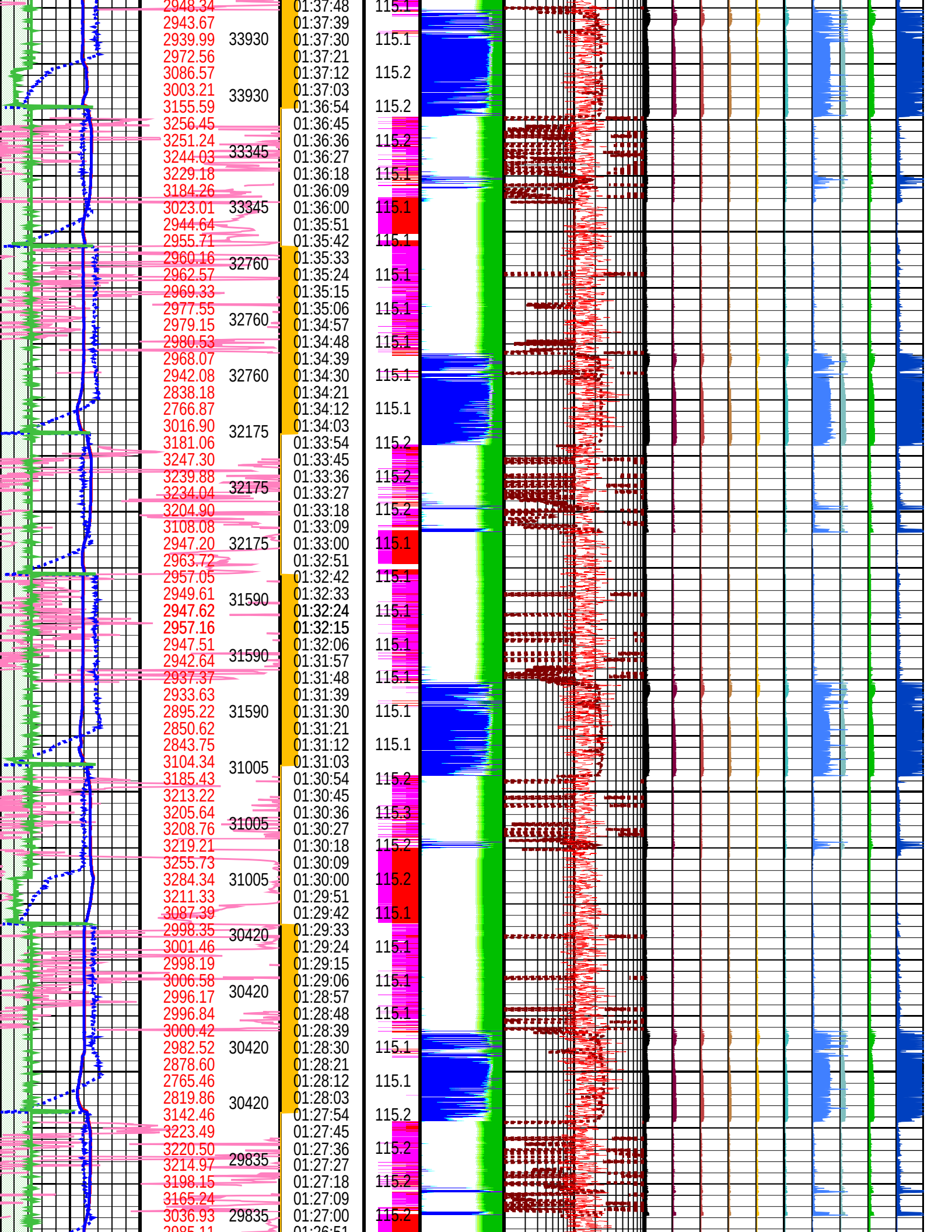
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3003.21 33930 01:37:03
3155.59 01:36:54 115.2
3256.45 01:36:45
3251.24 01:36:36 115.2
3244.03 33345 01:36:27
3229.18 01:36:18 115.1
3184.26 01:36:09
3023.01 33345 01:36:00 115.1
2944.64 01:35:51
2955.71 01:35:42 115.1
2960.16 32760 01:35:33
2962.57 01:35:24 115.1
2969.33 01:35:15
2977.55 01:35:06 115.1
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2980.53 01:34:48 115.1
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2942.08 32760 01:34:30 115.1
2838.18 01:34:21
2766.87 01:34:12 115.1
3016.90 32175 01:34:03
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2937.37 01:31:48 115.1
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2895.22 31590 01:31:30 115.1
2850.62 01:31:21
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3104.34 31005 01:31:03
3185.43 01:30:54 115.2
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3205.64 01:30:36 115.3
3208.76 31005 01:30:27
3219.21 01:30:18 115.2
3255.73 01:30:09
3284.34 31005 01:30:00 115.2
3211.33 01:29:51
3087.39 01:29:42 115.1
2998.35 30420 01:29:33
3001.46 01:29:24 115.1
2998.19 01:29:15
3006.58 01:29:06 115.1
2996.17 30420 01:28:57
2996.84 01:28:48 115.1
3000.42 01:28:39
2982.52 30420 01:28:30 115.1
2878.60 01:28:21
2765.46 01:28:12 115.1
2819.86 30420 01:28:03
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3223.49 01:27:45
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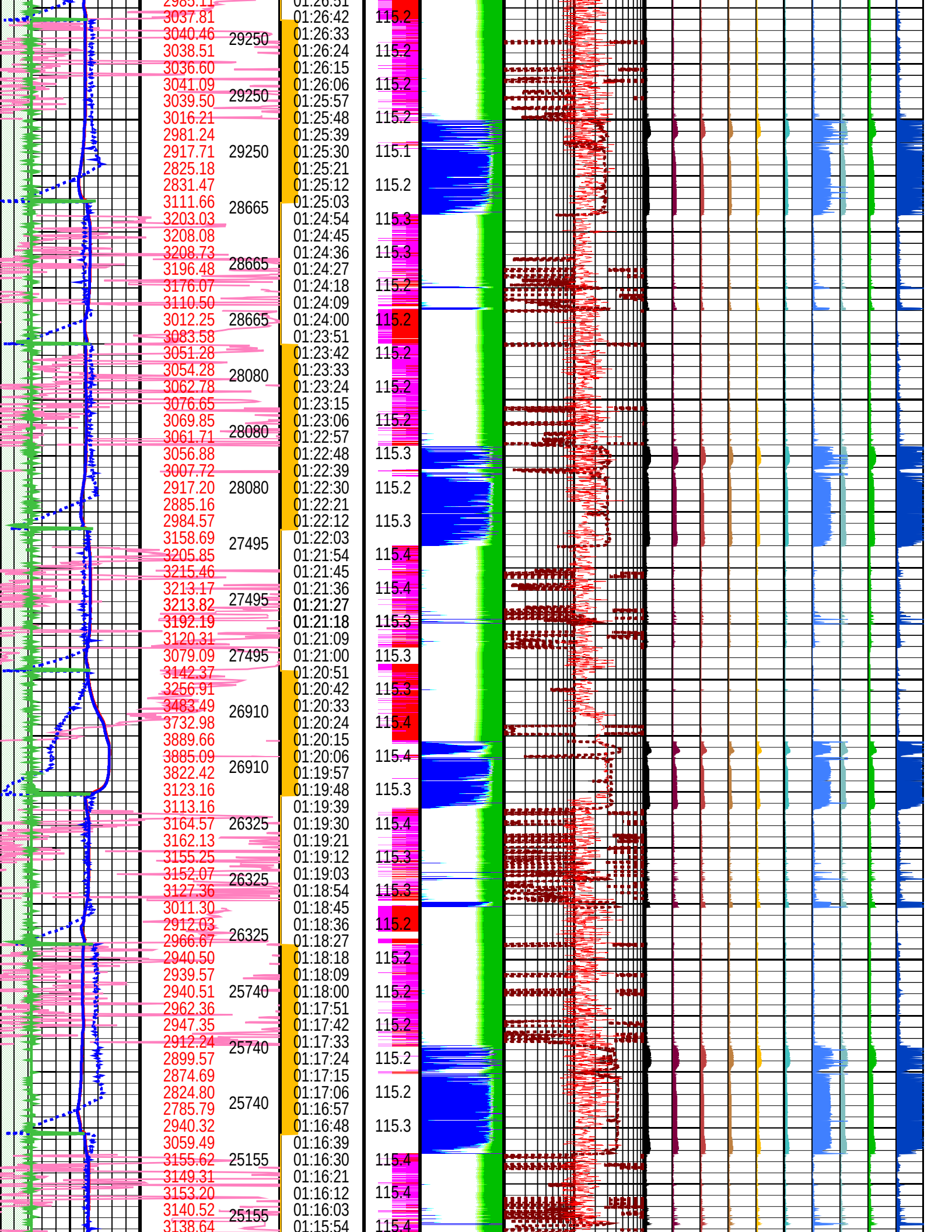
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3039.50 29250 01:25:57
3016.21 01:25:48 115.2
2981.24 01:25:39
2917.71 29250 01:25:30 115.1
2825.18 01:25:21
2831.47 01:25:12 115.2
3111.66 28665 01:25:03
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3208.08 01:24:45
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3196.48 28665 01:24:27
3176.07 01:24:18 115.2
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3054.28 28080 01:23:33
3062.78 01:23:24 115.2
3076.65 01:23:15
3069.85 01:23:06 115.2
3061.71 28080 01:22:57
3056.88 01:22:48 115.3
3007.72 01:22:39
2917.20 28080 01:22:30 115.2
2885.16 01:22:21
2984.57 01:22:12 115.3
3158.69 27495 01:22:03
3205.85 01:21:54 115.4
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3213.17 01:21:36 115.4
3213.82 27495 01:21:27
3192.19 01:21:18 115.3
3120.31 01:21:09
3079.09 27495 01:21:00 115.3
3142.37 01:20:51
3256.91 01:20:42 115.3
3483.49 26910 01:20:33
3732.98 01:20:24 115.4
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3822.42 01:19:57
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3113.16 01:19:39
3164.57 26325 01:19:30 115.4
3162.13 01:19:21
3155.25 01:19:12 115.3
3152.07 26325 01:19:03
3127.36 01:18:54 115.3
3011.30 01:18:45
2912.03 26325 01:18:36 115.2
2966.67 01:18:27
2940.50 01:18:18 115.2
2939.57 01:18:09
2940.51 25740 01:18:00 115.2
2962.36 01:17:51
2947.35 01:17:42 115.2
2912.24 25740 01:17:33
2899.57 01:17:24 115.2
2874.69 01:17:15
2824.80 25740 01:17:06 115.2
2785.79 01:16:57
2940.32 01:16:48 115.3
3059.49 01:16:39
3155.62 25155 01:16:30 115.4
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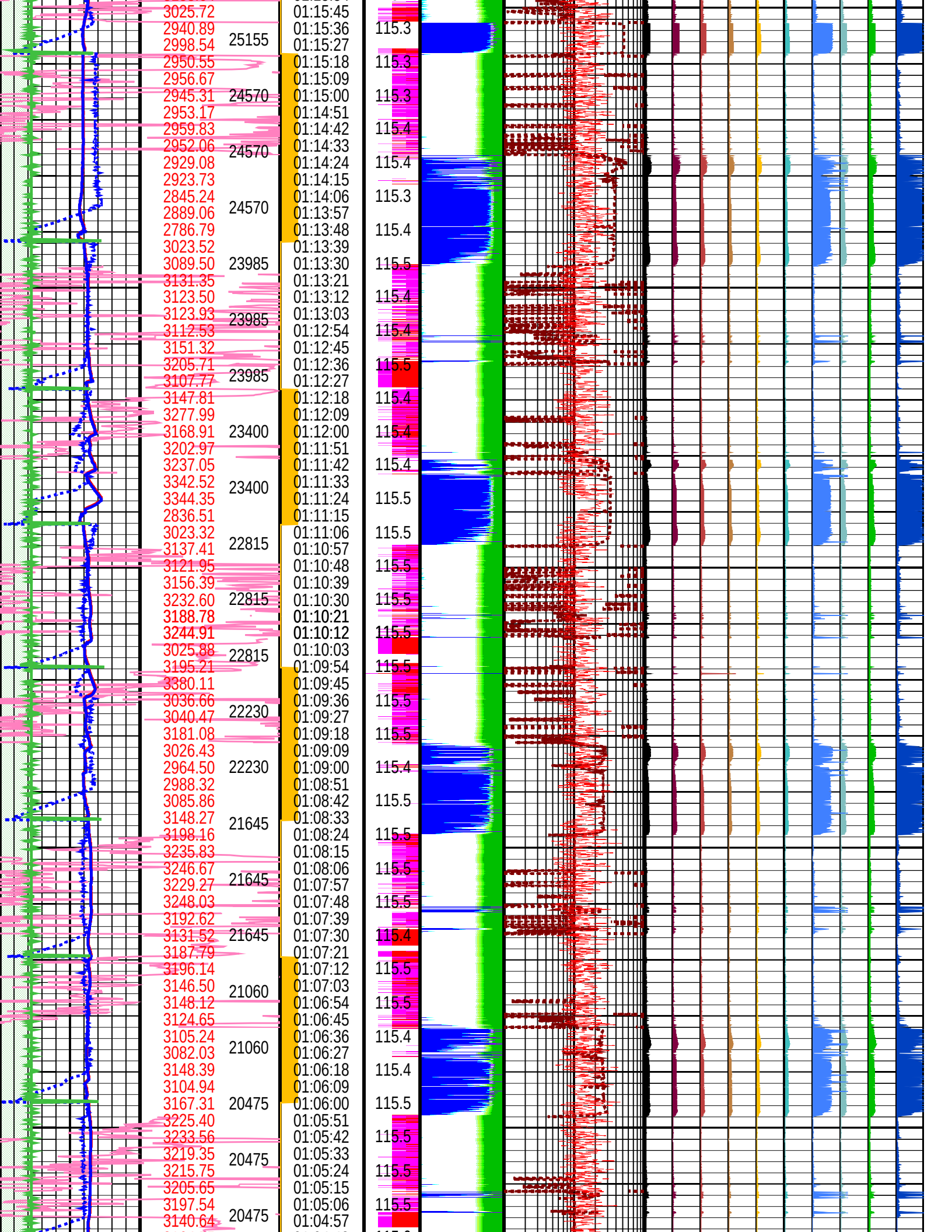
3140.52 25155 01:16:03
3138.64 01:15:54 115.4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2956.67 01:15:09
2945.31 24570 01:15:00 115.3
2953.17 01:14:51
2959.83 01:14:42 115.4
2952.06 24570 01:14:33
2929.08 01:14:24 115.4
2923.73 01:14:15
2845.24 01:14:06 115.3
2889.06 24570 01:13:57
2786.79 01:13:48 115.4
3023.52 01:13:39
3089.50 23985 01:13:30 115.5
3131.35 01:13:21
3123.50 01:13:12 115.4
3123.93 23985 01:13:03
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3246.67 01:08:06 115.5
3229.27 21645 01:07:57
3248.03 01:07:48 115.5
3192.62 01:07:39
3131.52 21645 01:07:30 115.4
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3196.14 01:07:12 115.5
3146.50 21060 01:07:03
3148.12 01:06:54 115.5
3124.65 01:06:45
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3082.03 21060 01:06:27
3148.39 01:06:18 115.4
3104.94 01:06:09
3167.31 20475 01:06:00 115.5
3225.40 01:05:51
3233.56 01:05:42 115.5
3219.35 20475 01:05:33
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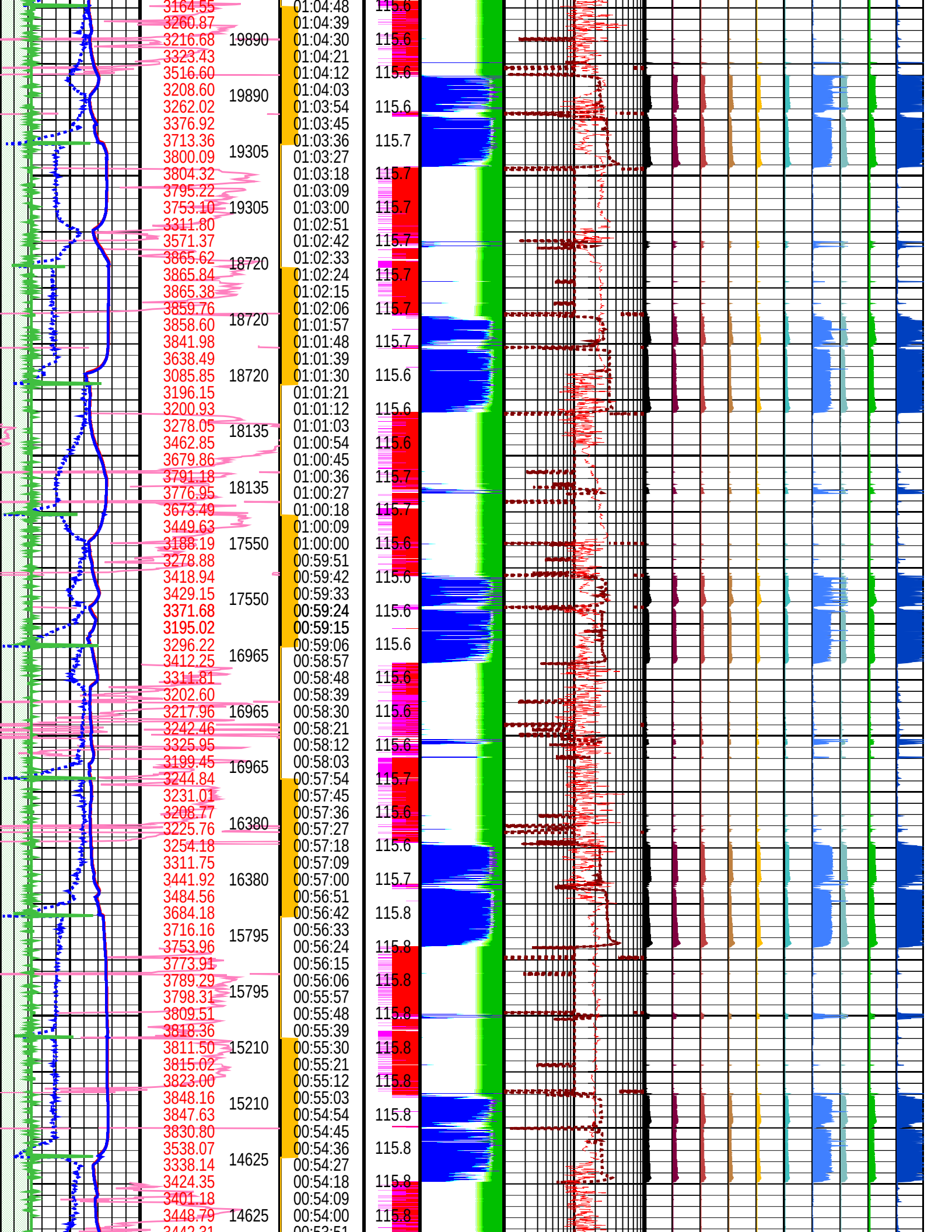
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3216.68 19890 01:04:30 115.6
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3516.60 01:04:12 115.6
3208.60 19890 01:04:03
3262.02 01:03:54 115.6
3376.92 01:03:45
3713.36 01:03:36 115.7
3800.09 19305 01:03:27
3804.32 01:03:18 115.7
3795.22 01:03:09
3753.10 19305 01:03:00 115.7
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3085.85 18720 01:01:30 115.6
3196.15 01:01:21
3200.93 01:01:12 115.6
3278.05 18135 01:01:03
3462.85 01:00:54 115.6
3679.86 01:00:45
3791.18 01:00:36 115.7
3776.95 18135 01:00:27
3673.49 01:00:18 115.7
3449.63 01:00:09
3188.19 17550 01:00:00 115.6
3278.88 00:59:51
3418.94 00:59:42 115.6
3429.15 17550 00:59:33
3371.68 00:59:24 115.6
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3242.46 00:58:21
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3208.77 00:57:36 115.6
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3311.75 00:57:09
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3484.56 00:56:51
3684.18 00:56:42 115.8
3716.16 15795 00:56:33
3753.96 00:56:24 115.8
3773.91 00:56:15
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3798.31 15795 00:55:57
3809.51 00:55:48 115.8
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3811.50 15210 00:55:30 115.8
3815.02 00:55:21
3823.00 00:55:12 115.8
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3847.63 00:54:54 115.8
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3538.07 00:54:36 115.8
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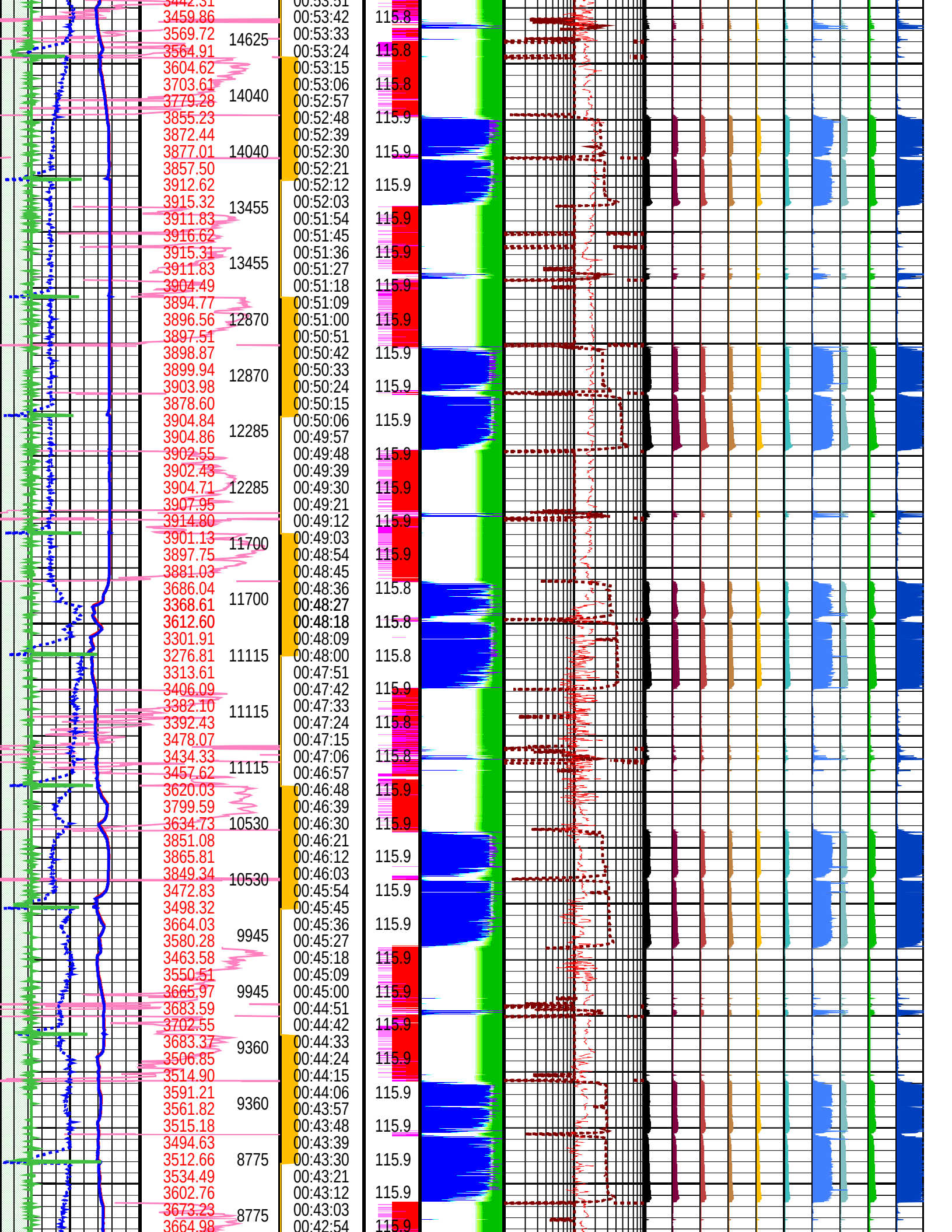
3448.79 14625 00:54:00 115.8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3472.83
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12870
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3585.48		00:42:09	
3554.47	8190	00:42:00	115.9
3627.35		00:41:51	
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3606.04	8190	00:41:33	
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3847.37	7605	00:40:30	116.0
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3587.34	7020	00:39:27	
3605.99		00:39:18	115.9
3650.92		00:39:09	
3804.07	6435	00:39:00	116.0
3804.49		00:38:51	
3806.61		00:38:42	116.0
3809.19	6435	00:38:33	
3808.35		00:38:24	116.0
3814.88		00:38:15	
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3739.27		00:37:48	116.0
3604.39		00:37:39	
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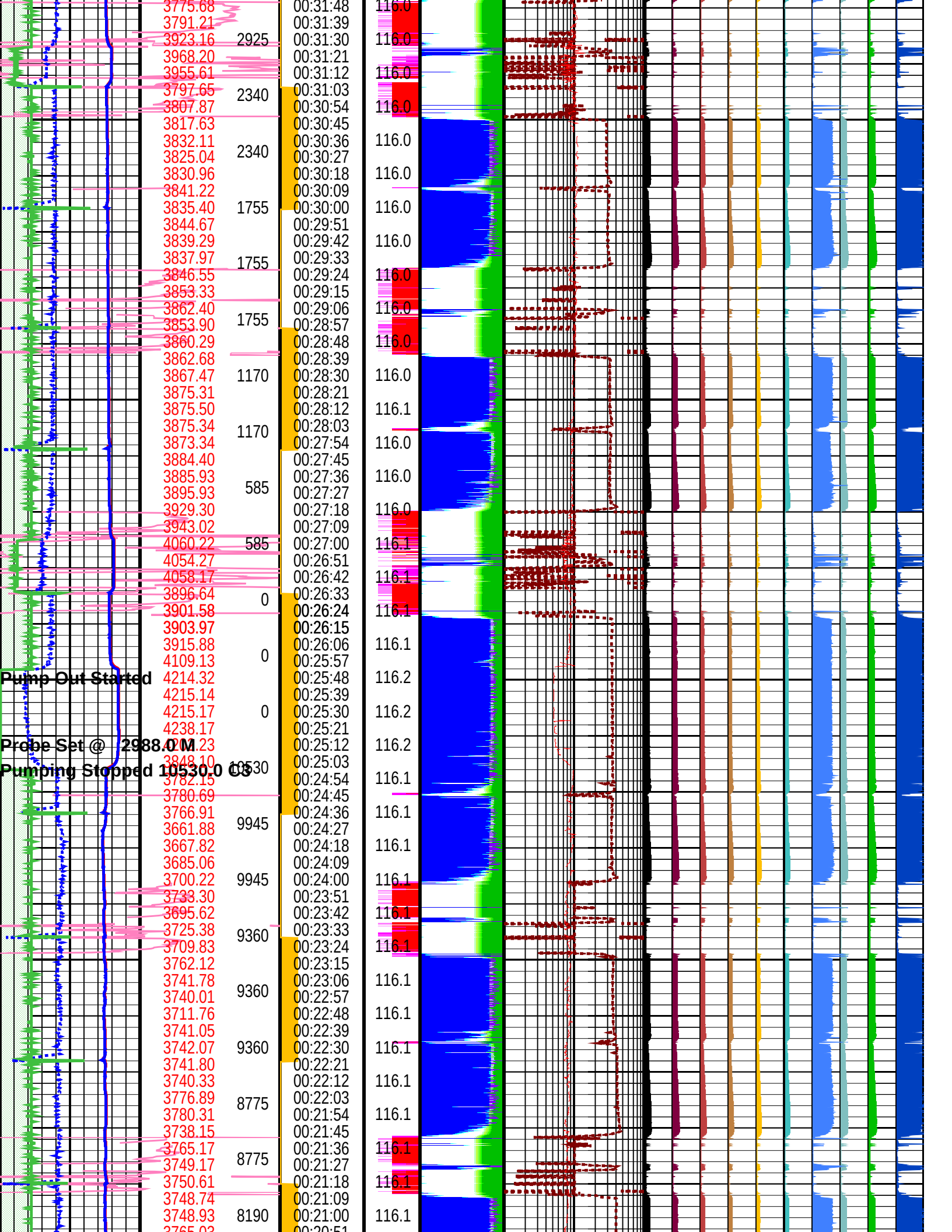
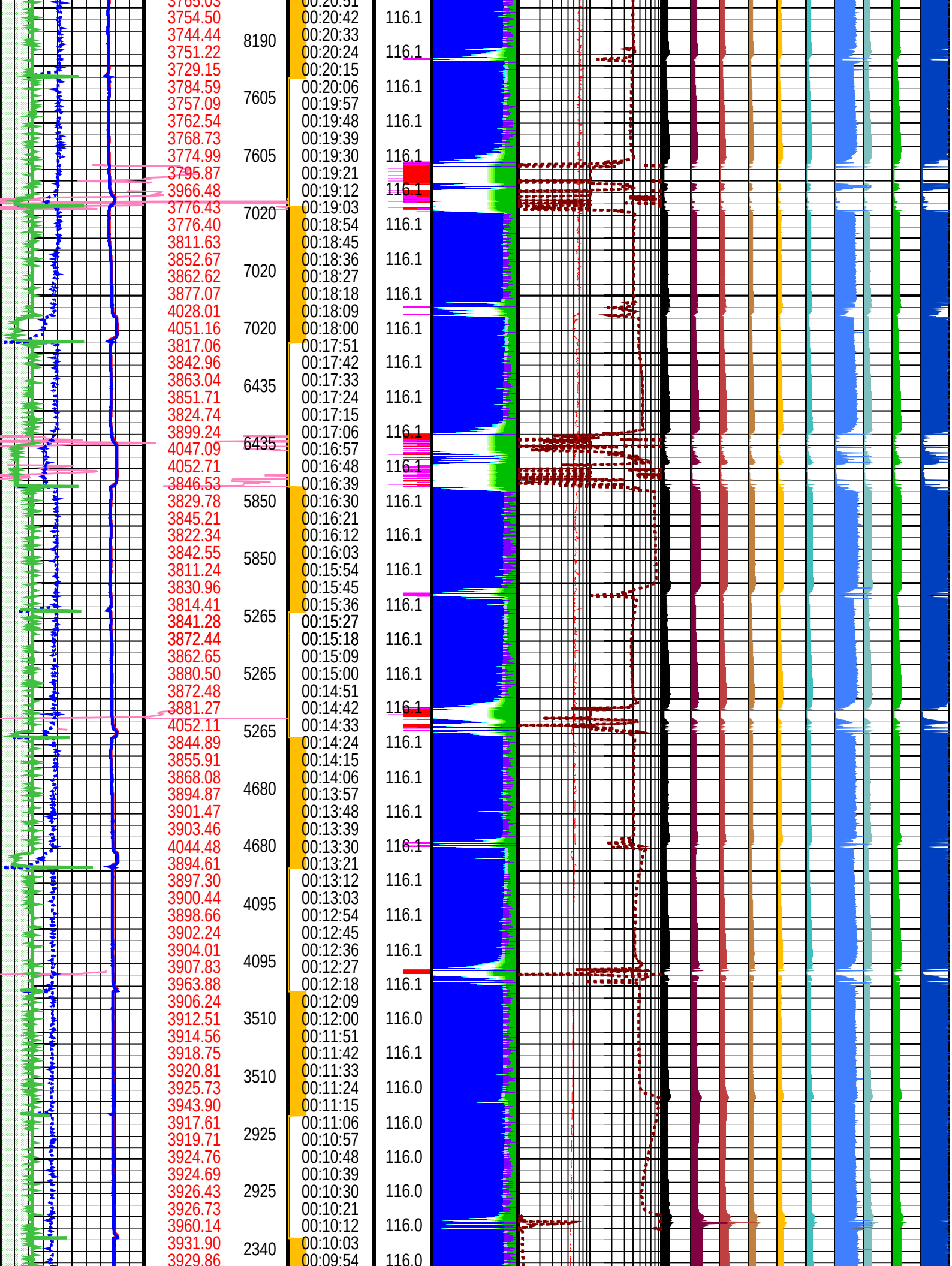
3638.13		00:37:21	
3663.15		00:37:12	116.0
3789.66	5850	00:37:03	
3587.58		00:36:54	116.0
3696.94		00:36:45	
3695.08		00:36:36	116.0
3753.89	5265	00:36:27	
3755.54		00:36:18	116.0
3763.98		00:36:09	
3819.64	5265	00:36:00	116.0
3763.33		00:35:51	
3648.04		00:35:42	116.0
3661.42	4680	00:35:33	
3680.28		00:35:24	116.0
3700.39		00:35:15	
3725.18		00:35:06	116.0
3722.46	4680	00:34:57	
3730.10		00:34:48	116.0
3832.75		00:34:39	
3808.02	4095	00:34:30	116.0
3740.93		00:34:21	
3807.09		00:34:12	116.0
3827.26	4095	00:34:03	
3828.85		00:33:54	116.0
3794.88		00:33:45	
3756.11		00:33:36	116.0
3746.35	3510	00:33:27	
3748.25		00:33:18	116.0
3763.27		00:33:09	
3767.30	3510	00:33:00	116.0
3771.75		00:32:51	
3775.81		00:32:42	116.0
3928.64	3510	00:32:33	
3715.49		00:32:24	116.0
3753.72		00:32:15	
3764.85		00:32:06	116.0
3771.73	2925	00:31:57	


Pump Out Started
Probe Set @ 2988.0 M
Pumping Stopped 10530.0 CB



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3754.50		00:20:42	116.1
3744.44	8190	00:20:33	
3751.22		00:20:24	116.1
3729.15		00:20:15	
3784.59	7605	00:20:06	116.1
3757.09		00:19:57	
3762.54		00:19:48	116.1
3768.73		00:19:39	
3774.99	7605	00:19:30	116.1
3795.87		00:19:21	
3966.48		00:19:12	116.1
3776.43	7020	00:19:03	
3776.40		00:18:54	116.1
3811.63		00:18:45	
3852.67	7020	00:18:36	116.1
3862.62		00:18:27	
3877.07		00:18:18	116.1
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4051.16	7020	00:18:00	116.1
3817.06		00:17:51	
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3863.04	6435	00:17:33	
3851.71		00:17:24	116.1
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3899.24		00:17:06	116.1
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4052.71		00:16:48	116.1
3846.53		00:16:39	
3829.78	5850	00:16:30	116.1
3845.21		00:16:21	
3822.34		00:16:12	116.1
3842.55	5850	00:16:03	
3811.24		00:15:54	116.1
3830.96		00:15:45	
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3872.44		00:15:18	116.1
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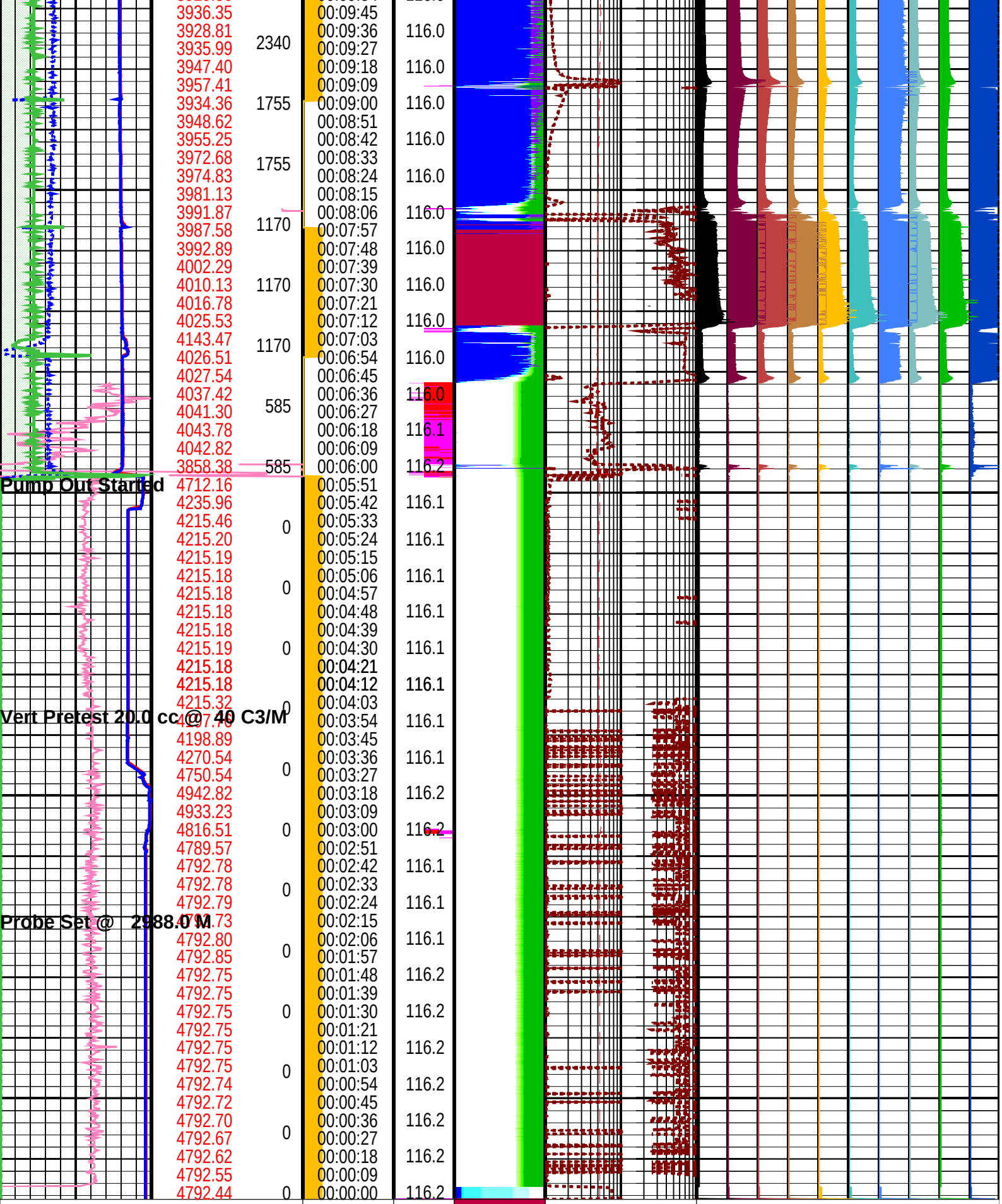
3844.89		00:14:24	116.1
3855.91		00:14:15	
3868.08		00:14:06	116.1
3894.87	4680	00:13:57	
3901.47		00:13:48	116.1
3903.46		00:13:39	
4044.48	4680	00:13:30	116.1
3894.61		00:13:21	
3897.30		00:13:12	116.1
3900.44	4095	00:13:03	
3898.66		00:12:54	116.1
3902.24		00:12:45	
3904.01		00:12:36	116.1
3907.83	4095	00:12:27	
3963.88		00:12:18	116.1
3906.24		00:12:09	
3912.51	3510	00:12:00	116.0
3914.56		00:11:51	
3918.75		00:11:42	116.1
3920.81	3510	00:11:33	
3925.73		00:11:24	116.0
3943.90		00:11:15	
3917.61		00:11:06	116.0
3919.71	2925	00:10:57	
3924.76		00:10:48	116.0
3924.69		00:10:39	
3926.43	2925	00:10:30	116.0
3926.73		00:10:21	
3960.14		00:10:12	116.0
3931.90	2340	00:10:03	
3929.86		00:09:54	116.0



LFA GOR (GOR_LFA) (F3/B) 0 – 5000	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 – 0.0001	LFA Optical Density Channel 0 (FAOD_LFA[0]) (---- 0 – 40
3936.35	00:09:45				
3928.81	00:09:36	116.0			
3935.99	00:09:27				
3947.40	00:09:18	116.0			
3957.41	00:09:09				
3934.36	00:09:00	116.0			
3948.62	00:08:51				
3955.25	00:08:42	116.0			
3972.68	00:08:33				
3974.83	00:08:24	116.0			
3981.13	00:08:15				
3991.87	00:08:06	116.0			
3987.58	00:07:57				
3992.89	00:07:48	116.0			
4002.29	00:07:39				
4010.13	00:07:30	116.0			
4016.78	00:07:21				
4025.53	00:07:12	116.0			
4143.47	00:07:03				
4026.51	00:06:54	116.0			
4027.54	00:06:45				
4037.42	00:06:36	116.0			
4041.30	00:06:27				
4043.78	00:06:18	116.1			
4042.82	00:06:09				
3858.38	00:06:00	116.2			
4712.16	00:05:51				
4235.96	00:05:42	116.1			
4215.46	00:05:33				
4215.20	00:05:24	116.1			
4215.19	00:05:15				
4215.18	00:05:06	116.1			
4215.18	00:04:57				
4215.18	00:04:48	116.1			
4215.18	00:04:39				
4215.19	00:04:30	116.1			
4215.18	00:04:21				
4215.18	00:04:12	116.1			
4215.32	00:04:03				
4197.70	00:03:54	116.1			
4198.89	00:03:45				
4270.54	00:03:36	116.1			
4750.54	00:03:27				
4942.82	00:03:18	116.2			
4933.23	00:03:09				
4816.51	00:03:00	116.2			
4789.57	00:02:51				
4792.78	00:02:42	116.1			
4792.78	00:02:33				
4792.79	00:02:24	116.1			
4792.73	00:02:15				
4792.80	00:02:06	116.1			
4792.85	00:01:57				
4792.75	00:01:48	116.2			
4792.75	00:01:39				
4792.75	00:01:30	116.2			
4792.75	00:01:21				
4792.75	00:01:12	116.2			
4792.75	00:01:03				
4792.74	00:00:54	116.2			
4792.72	00:00:45				
4792.70	00:00:36	116.2			
4792.67	00:00:27				
4792.62	00:00:18	116.2			
4792.55	00:00:09				
4792.44	00:00:00	116.2			

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 5	Low Gas	Water	LFA Fluid Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 1 (FAOD_LFA[1]) −4 (---- 36
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000		Medium Gas	Oil	MRPS 1 Flowline Fluid Resistivity (BFR1) 0.01 (OHMM) 1	LFA Optical Density Channel 2 (FAOD_LFA[2]) −8 (---- 32
MRPOUD Motor Speed (POUDMS) 0 (RPM) 5000		High Gas			LFA Optical Density Channel 3 (FAOD_LFA[3]) −12 (---- 28
MRPOUD Hydraulic Pressure (POUDHP) 0 (PSIG) 5000					LFA Optical Density Channel 4 (FAOD_LFA[4]) −16 (---- 24
	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)				LFA Optical Density Channel 5 (FAOD_LFA[5]) −20 (---- 20
	MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)				LFA Optical Density Channel 6 (FAOD_LFA[6]) −24 (---- 16
					LFA Optical Density Channel 7 (FAOD_LFA[7]) −28 (---- 12
					LFA Optical Density Channel 8 (FAOD_LFA[8]) −32 (---- 8
					LFA Optical Density Channel 9 (FAOD_LFA[9]) −36 (---- 4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:04

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_296LTP	FN:468	PRODUCER	02−Dec−2004 11:13	2988.0 M	20.2 M

Output DLIS Files

DEFAULT	MDT_OFA_087PTP	FN:86	PRODUCER	06−Dec−2004 13:04

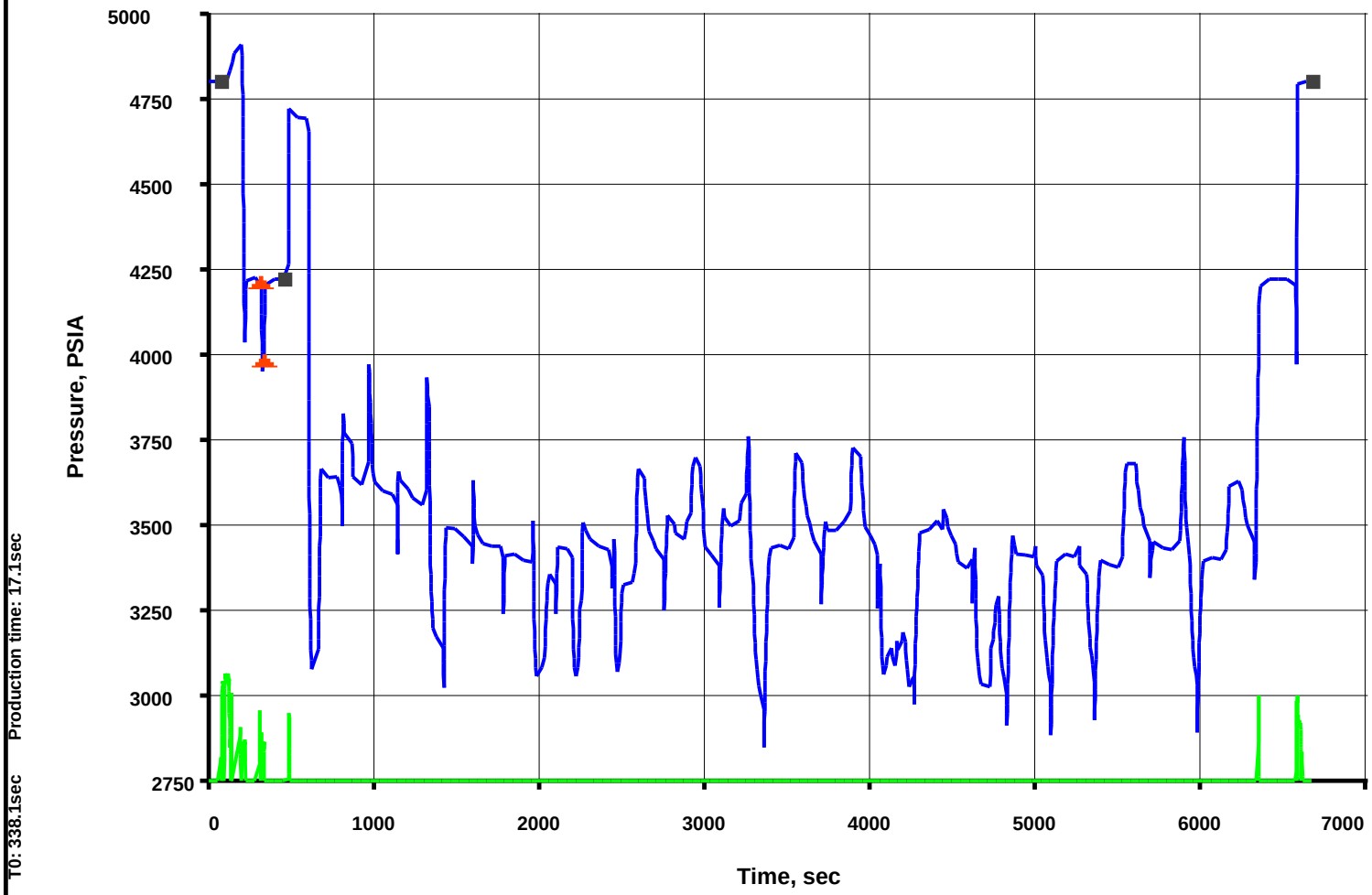
Schlumberger

Fluid analysis and pump out
2991.5 mMD

MAXIS Field Log

File 299 Depth, M: 2991.53 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4798.04
Mud Pressure after test, PSIA:	4798.47
Last build−up pressure, PSIA:	4220.6
Draw−down mobility, md/cp:	5.2



Pretest Volume: 9.9 cc − MRPS_1− BQP1 Resolution: 0.010psi

File 299

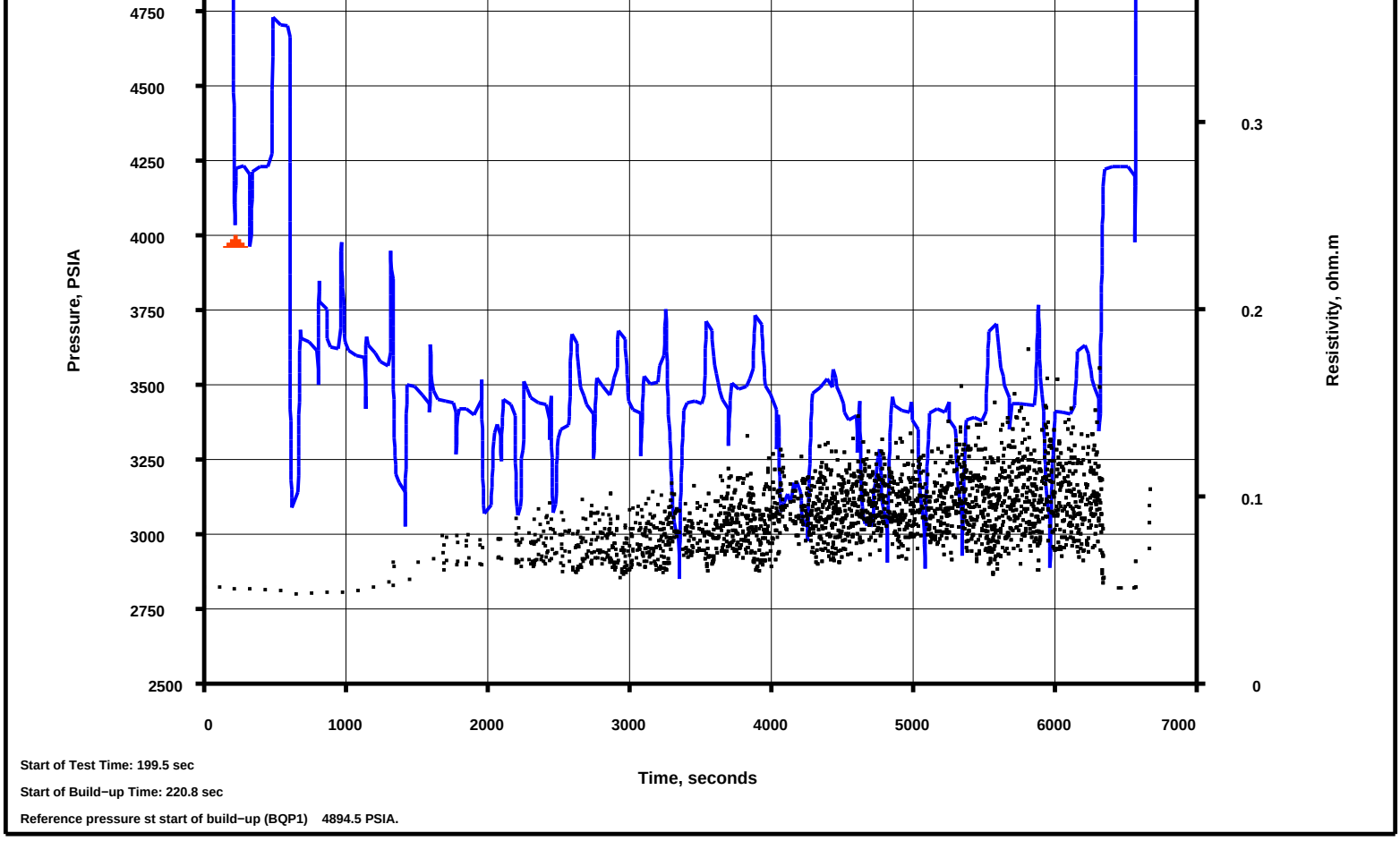
25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1

BQP1 − QG Pressure (PS_1)

BFR1 − PS_1 Resistivity



Input DLIS Files

DEFAULT	MDT_OFA_299LTP	FN:474	PRODUCER	02−Dec−2004 11:13	2991.5 M	17.0 M

Output DLIS Files

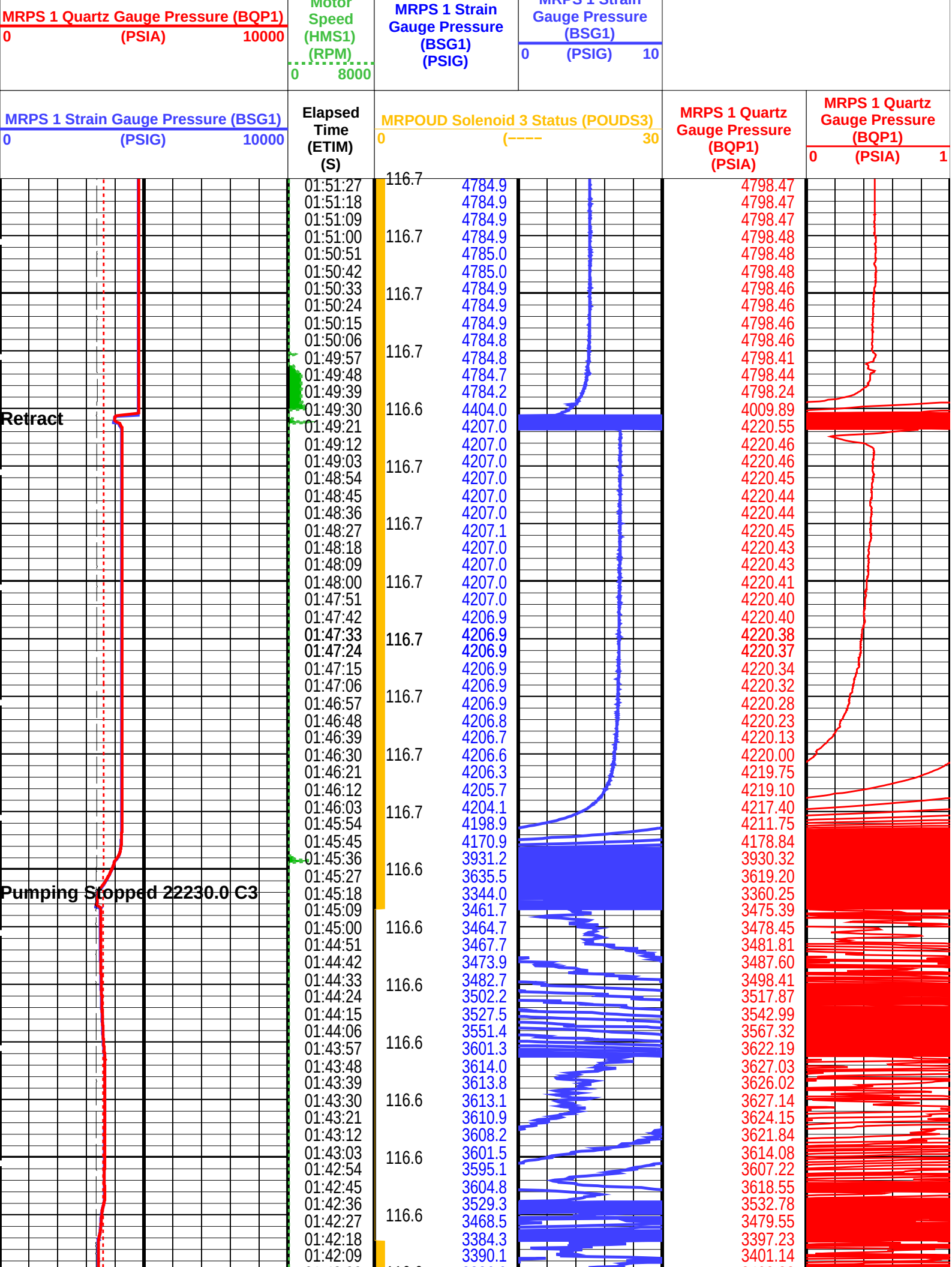
DEFAULT	MDT_OFA_088PTP	FN:87	PRODUCER	06−Dec−2004 13:08	2991.5 M	17.0 M

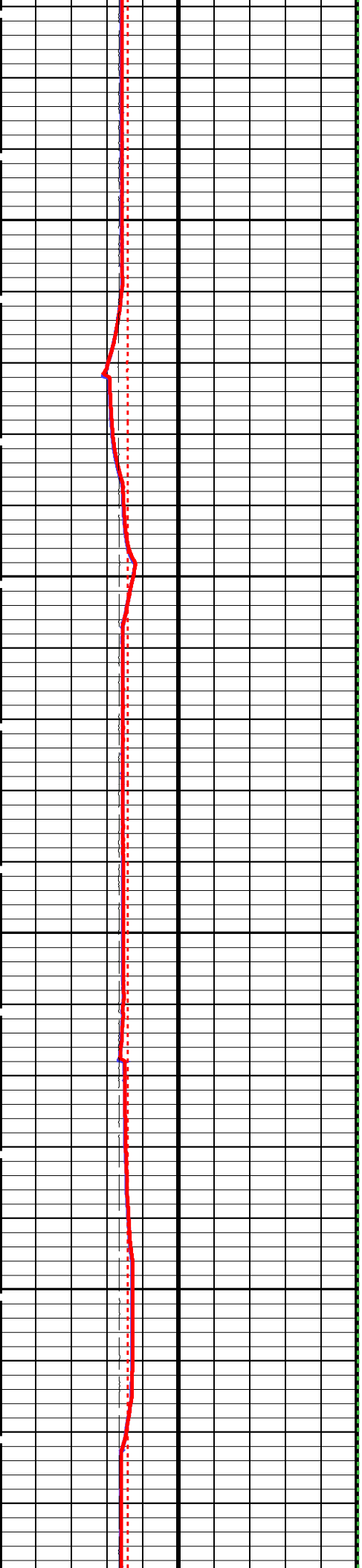
Elapsed Time (s)	Event Summary
6568.5	Retract Single Probe Module (MRPS) 1
6321.9	Pumping Stopped 22230.0 C3 Dual Up−down Pumpout Module (MRPOUD)
603.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
316.2	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
199.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
95.1	Probe Set @ 2991.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)		
100 (DEGC) 150		
MRPS 1 Resistivity Cell Temperature (B1TR)		MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150		
	MRHY 1 Meter	MRPS 1 Strain


MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000
Motor Speed (HMS1) (RPM)
0 8000
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000
Elapsed Time (ETIM) (S)
MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1
Retract
Pumping Stopped 22230.0 C3



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01:41:24		3387.3	3399.89
01:41:15		3387.0	3401.45
01:41:06		3390.2	3403.54
01:40:57	116.6	3391.0	3401.98
01:40:48		3391.7	3404.53
01:40:39		3390.2	3401.43
01:40:30	116.6	3388.2	3402.78
01:40:21		3388.5	3404.56
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01:40:03	116.5	3373.2	3382.37
01:39:54		3306.2	3310.76
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01:39:36		3053.5	3049.91
01:39:27	116.5	3035.0	3050.04
01:39:18		3064.0	3077.36
01:39:09		3099.1	3114.27
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01:38:51		3255.1	3278.30
01:38:42		3408.3	3427.32
01:38:33	116.5	3437.5	3454.40
01:38:24		3476.8	3492.33
01:38:15		3569.9	3598.67
01:38:06		3733.3	3740.53
01:37:57	116.6	3613.4	3621.16
01:37:48		3498.4	3500.73
01:37:39		3414.0	3423.17
01:37:30	116.6	3412.8	3426.22
01:37:21		3413.8	3426.62
01:37:12		3414.9	3427.63
01:37:03	116.6	3413.4	3428.02
01:36:54		3418.4	3428.36
01:36:45		3415.8	3427.87
01:36:36		3413.0	3425.30
01:36:27	116.6	3414.0	3424.88
01:36:18		3417.5	3430.01
01:36:09		3416.1	3430.22
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01:35:42		3420.5	3435.42
01:35:33	116.6	3420.4	3432.93
01:35:24		3422.0	3434.94
01:35:15		3427.9	3441.83
01:35:06		3442.0	3450.34
01:34:57	116.6	3415.6	3422.34
01:34:48		3379.6	3388.73
01:34:39		3469.4	3482.75
01:34:30	116.6	3471.8	3484.92
01:34:21		3473.7	3487.66
01:34:12		3480.2	3492.70
01:34:03	116.6	3490.4	3506.62
01:33:54		3515.9	3528.44
01:33:45		3526.9	3541.46
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01:33:27	116.6	3599.4	3614.30
01:33:18		3656.3	3674.02
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01:32:33	116.6	3678.8	3691.86
01:32:24		3667.9	3679.52
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01:31:57	116.6	3412.8	3413.68
01:31:48		3365.1	3377.14
01:31:39		3359.8	3373.78
01:31:30	116.6	3360.0	3374.00
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01:31:12		3363.4	3378.65
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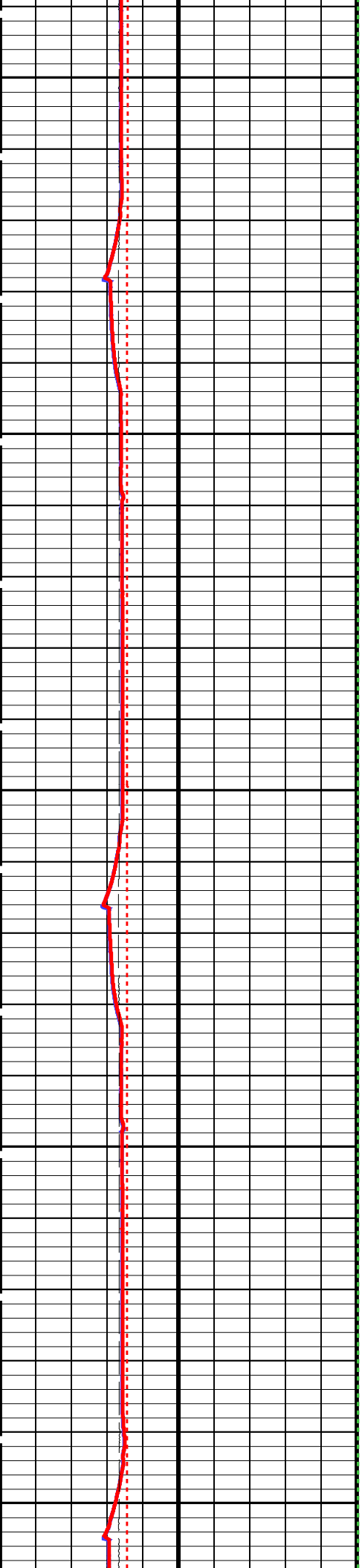

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01:30:27	116.6	3366.2	3380.20
01:30:18		3363.6	3378.13
01:30:09		3363.5	3379.23
01:30:00	116.6	3368.7	3383.17
01:29:51		3376.4	3390.55
01:29:42		3376.9	3379.48
01:29:33	116.6	3318.5	3325.45
01:29:24		3208.0	3210.63
01:29:15		3058.2	3056.31
01:29:06		3068.3	3080.63
01:28:57	116.5	3082.1	3098.94
01:28:48		3109.5	3124.56
01:28:39		3153.5	3169.39
01:28:30	116.5	3221.6	3241.95
01:28:21		3353.6	3370.99
01:28:12		3357.4	3369.47
01:28:03	116.6	3360.4	3373.21
01:27:54		3360.6	3373.63
01:27:45		3353.4	3366.08
01:27:36		3414.1	3421.57
01:27:27	116.6	3391.2	3405.82
01:27:18		3391.0	3404.35
01:27:09		3393.1	3405.18
01:27:00	116.6	3395.5	3408.16
01:26:51		3396.4	3412.25
01:26:42		3401.3	3415.51
01:26:33	116.6	3402.3	3416.64
01:26:24		3403.2	3415.63
01:26:15		3405.4	3416.79
01:26:06		3398.7	3414.10
01:25:57	116.6	3402.2	3414.71
01:25:48		3400.3	3414.63
01:25:39		3398.6	3413.12
01:25:30	116.6	3396.5	3411.05
01:25:21		3400.9	3413.18
01:25:12		3326.4	3331.98
01:25:03	116.6	3220.9	3227.08
01:24:54		3083.4	3082.69
01:24:45		2832.5	2964.81
01:24:36		3043.1	3056.08
01:24:27	116.5	3066.8	3083.45
01:24:18		3105.4	3119.56
01:24:09		3163.5	3182.91
01:24:00	116.6	3271.8	3299.86
01:23:51		3378.0	3391.63
01:23:42		3371.3	3387.03
01:23:33	116.6	3369.5	3383.55
01:23:24		3359.7	3372.18
01:23:15		3375.5	3402.33
01:23:06		3394.1	3406.61
01:22:57	116.6	3391.6	3405.04
01:22:48		3394.1	3409.20
01:22:39		3400.0	3412.02
01:22:30	116.6	3399.2	3411.72
01:22:21		3398.0	3411.85
01:22:12		3400.7	3413.05
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01:21:54		3399.8	3413.79
01:21:45		3397.4	3413.09
01:21:36		3399.9	3412.37
01:21:27	116.6	3399.0	3413.21
01:21:18		3403.8	3417.98
01:21:09		3417.0	3432.65
01:21:00	116.7	3464.6	3480.22
01:20:51		3421.9	3443.94
01:20:42		3332.6	3336.75
01:20:33	116.6	3201.8	3200.55
01:20:24		3035.9	3034.91
01:20:15		3024.0	3035.24
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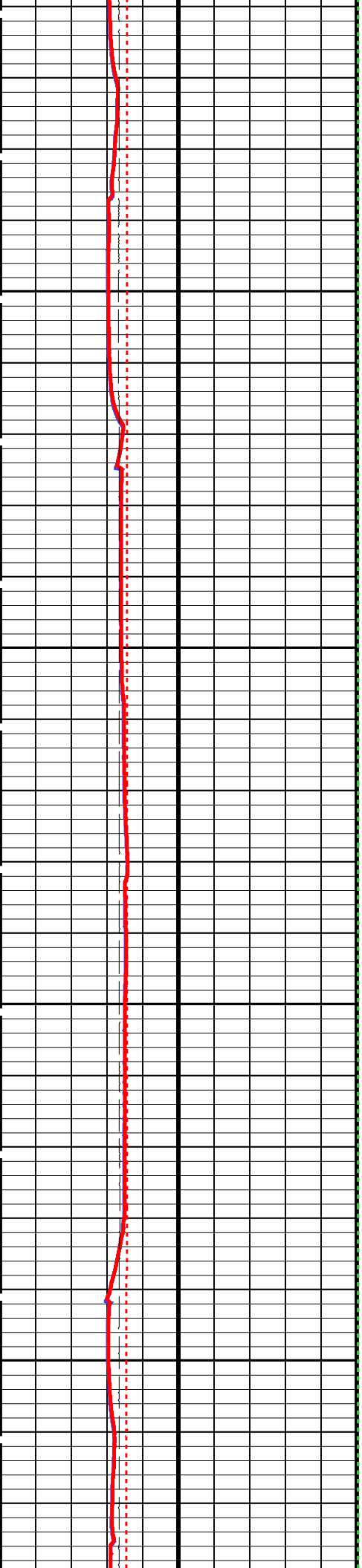

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01:19:30	116.6	3271.3	3289.32
01:19:21		3263.9	3274.72
01:19:12		3232.5	3241.36
01:19:03	116.6	3187.7	3197.69
01:18:54		3138.8	3144.31
01:18:45		3124.0	3146.69
01:18:36	116.5	3016.7	3031.41
01:18:27		3020.6	3033.69
01:18:18		3006.7	3016.47
01:18:09		3000.3	3015.61
01:18:00	116.5	3013.1	3026.17
01:17:51		3016.5	3029.38
01:17:42		3025.9	3037.36
01:17:33	116.5	3044.0	3058.12
01:17:24		3080.0	3094.49
01:17:15		3175.3	3202.63
01:17:06	116.6	3441.7	3441.89
01:16:57		3348.8	3352.22
01:16:48		3382.3	3395.74
01:16:39		3374.7	3387.26
01:16:30	116.6	3364.3	3376.60
01:16:21		3360.2	3372.74
01:16:12		3361.5	3375.38
01:16:03	116.6	3363.6	3376.11
01:15:54		3364.4	3377.77
01:15:45		3370.2	3382.92
01:15:36	116.6	3373.1	3386.44
01:15:27		3377.7	3391.03
01:15:18		3394.9	3410.49
01:15:09		3447.0	3459.58
01:15:00	116.6	3446.0	3459.45
01:14:51		3450.5	3464.12
01:14:42		3456.7	3468.83
01:14:33	116.6	3463.7	3477.30
01:14:24		3480.2	3495.42
01:14:15		3511.9	3528.13
01:14:06	116.6	3541.1	3550.52
01:13:57		3531.6	3536.73
01:13:48		3476.6	3492.27
01:13:39		3489.4	3499.96
01:13:30	116.6	3504.1	3518.89
01:13:21		3503.2	3512.23
01:13:12		3492.4	3503.06
01:13:03	116.6	3471.5	3488.51
01:12:54		3476.3	3486.26
01:12:45		3474.5	3488.05
01:12:36	116.6	3471.6	3485.87
01:12:27		3472.8	3482.41
01:12:18		3472.4	3484.83
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01:12:00	116.6	3465.1	3479.59
01:11:51		3462.9	3476.88
01:11:42		3465.4	3480.36
01:11:33	116.7	3442.1	3450.21
01:11:24		3365.4	3369.72
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01:10:30	116.6	3014.6	3031.31
01:10:21		3045.6	3062.52
01:10:12		3092.9	3111.83
01:10:03	116.6	3177.6	3190.06
01:09:54		3173.6	3184.88
01:09:45		3146.7	3154.49
01:09:36	116.6	3122.1	3133.90
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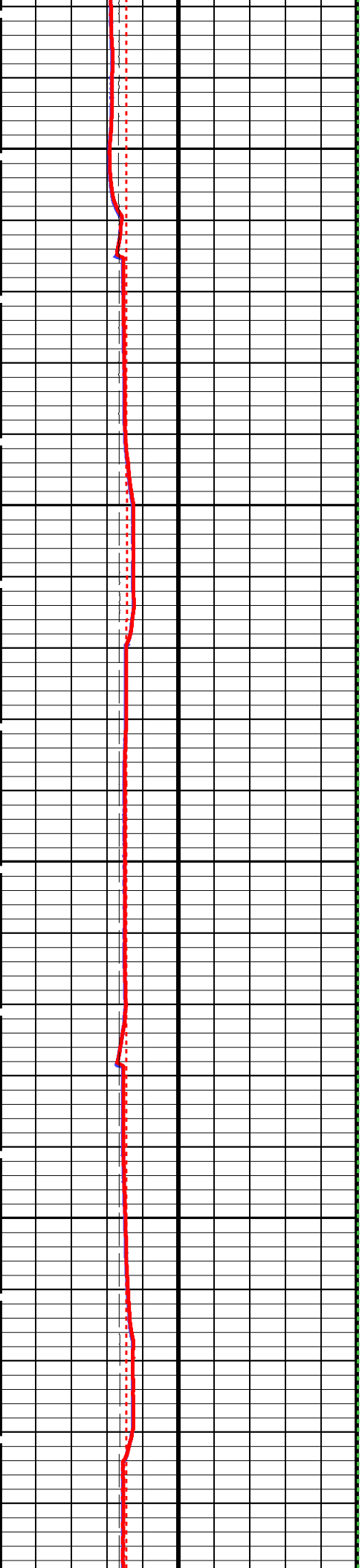
01:09:09		3077.4	3089.91



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01:08:24		3110.3	3124.24
01:08:15		3097.2	3109.43
01:08:06		3049.0	3061.14
01:07:57	116.5	3044.4	3059.16
01:07:48		3087.0	3106.68
01:07:39		3228.6	3261.53
01:07:30	116.6	3350.8	3362.01
01:07:21		3265.6	3268.53
01:07:12		3426.1	3440.38
01:07:03	116.6	3429.9	3445.54
01:06:54		3432.9	3448.17
01:06:45		3441.6	3455.17
01:06:36		3454.3	3468.35
01:06:27	116.6	3458.0	3471.75
01:06:18		3460.5	3473.62
01:06:09		3468.6	3482.54
01:06:00	116.6	3489.9	3506.17
01:05:51		3561.4	3577.93
01:05:42		3615.4	3635.35
01:05:33	116.6	3709.2	3721.27
01:05:24		3708.8	3722.07
01:05:15		3709.9	3724.01
01:05:06		3706.8	3720.39
01:04:57	116.6	3710.4	3725.36
01:04:48		3706.0	3715.63
01:04:39		3621.7	3622.70
01:04:30	116.6	3506.1	3519.52
01:04:21		3507.3	3519.11
01:04:12		3502.3	3515.44
01:04:03	116.6	3499.3	3513.10
01:03:54		3491.5	3501.17
01:03:45		3466.3	3481.61
01:03:36		3464.6	3479.30
01:03:27	116.6	3470.9	3484.30
01:03:18		3466.3	3479.69
01:03:09		3472.0	3484.67
01:03:00	116.6	3472.6	3485.22
01:02:51		3469.2	3484.00
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01:02:33	116.6	3467.4	3481.78
01:02:24		3466.1	3480.40
01:02:15		3474.5	3489.39
01:02:06		3490.2	3503.98
01:01:57	116.6	3464.1	3475.08
01:01:48		3373.0	3382.33
01:01:39		3261.2	3293.42
01:01:30	116.6	3423.0	3435.43
01:01:21		3423.6	3437.29
01:01:12		3425.0	3436.66
01:01:03	116.6	3426.1	3440.63
01:00:54		3439.9	3456.13
01:00:45		3456.7	3469.33
01:00:36		3474.3	3489.78
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00:58:48		3416.9	3428.30
00:58:39		3416.2	3429.83
00:58:30	116.6	3418.7	3433.51
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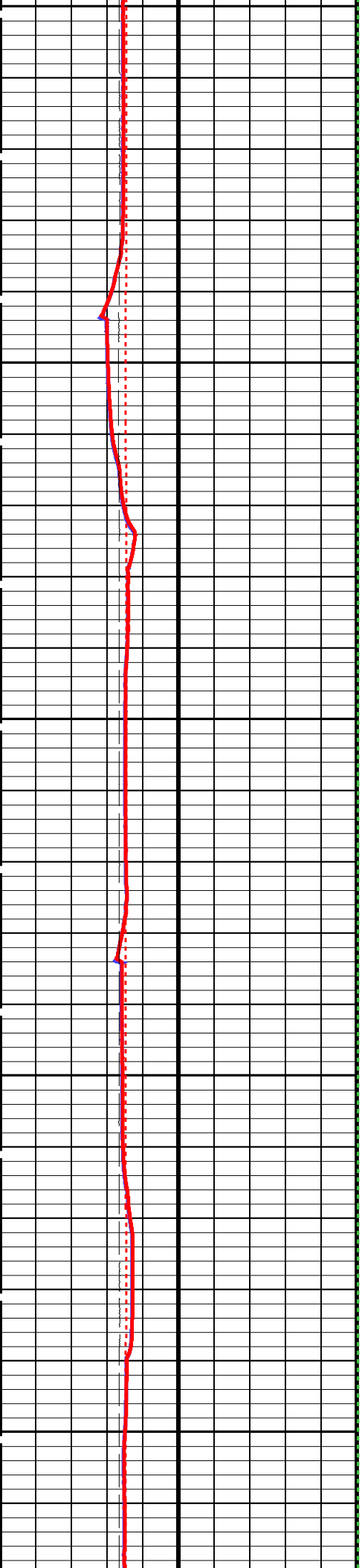

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00:57:27	116.6	3432.4	3442.45
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00:57:09		3430.6	3442.47
00:57:00	116.7	3427.9	3441.96
00:56:51		3427.5	3442.31
00:56:42		3420.9	3433.30
00:56:33	116.7	3416.5	3429.52
00:56:24		3391.6	3398.30
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00:56:06		3155.2	3156.49
00:55:57	116.6	2934.8	2926.04
00:55:48		2970.4	2984.08
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00:55:30	116.5	2999.1	3014.45
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00:55:12		3059.6	3078.91
00:55:03	116.5	3110.8	3127.90
00:54:54		3227.8	3257.70
00:54:45		3330.2	3349.49
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00:54:27	116.6	3550.1	3583.70
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00:54:00	116.6	3554.4	3568.12
00:53:51		3560.5	3571.87
00:53:42		3558.7	3571.56
00:53:33	116.6	3534.2	3545.97
00:53:24		3497.1	3506.52
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00:52:57	116.6	3490.7	3503.07
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00:52:39		3482.0	3496.71
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00:52:12		3493.4	3509.14
00:52:03	116.6	3497.3	3511.17
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00:50:24		3401.1	3414.75
00:50:15		3405.4	3417.45
00:50:06		3411.8	3424.85
00:49:57	116.6	3434.2	3450.67
00:49:48		3496.3	3517.36
00:49:39		3567.5	3581.37
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00:48:00	116.6	3460.3	3469.03
00:47:51		3447.8	3461.01
00:47:42		3447.9	3464.00
00:47:33	116.6	3459.7	3471.82
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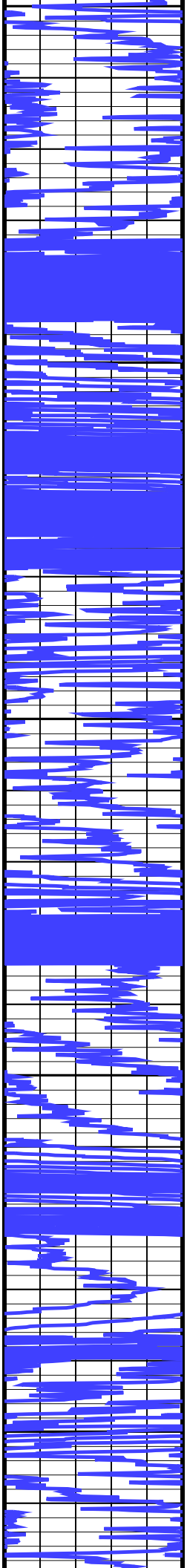

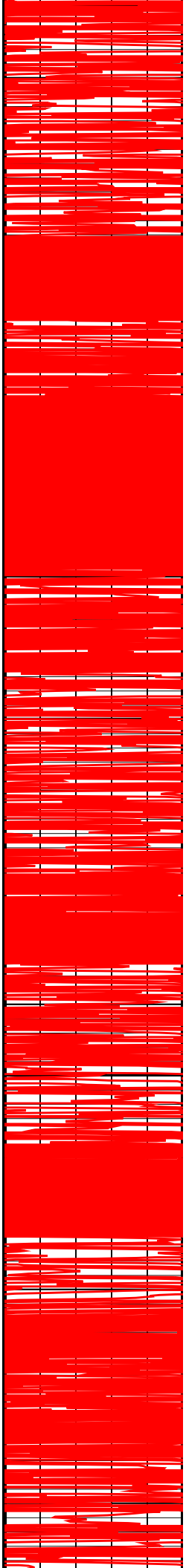

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00:46:21		3520.1	3532.43
00:46:12		3509.9	3514.16
00:46:03	116.6	3413.6	3418.63
00:45:54		3279.1	3281.47
00:45:45		3396.3	3409.76
00:45:36		3403.9	3418.36
00:45:27	116.6	3414.2	3425.65
00:45:18		3414.2	3427.71
00:45:09		3413.0	3428.05
00:45:00	116.6	3421.1	3434.61
00:44:51		3427.1	3440.70
00:44:42		3449.2	3464.53
00:44:33	116.6	3453.5	3465.07
00:44:24		3460.6	3475.10
00:44:15		3481.1	3497.42
00:44:06		3523.4	3538.64
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00:43:12		3624.0	3629.86
00:43:03	116.6	3465.6	3461.87
00:42:54		3342.3	3357.27
00:42:45		3330.5	3341.60
00:42:36		3314.9	3331.26
00:42:27	116.7	3320.3	3335.38
00:42:18		3323.7	3336.65
00:42:09		3318.8	3339.35
00:42:00	116.7	3332.7	3340.94
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00:41:33	116.6	3261.1	3266.37
00:41:24		3089.1	3102.14
00:41:15		3054.8	3064.49
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00:40:48		3430.4	3435.36
00:40:39		3278.5	3345.03
00:40:30	116.7	3417.1	3432.92
00:40:21		3419.5	3431.41
00:40:12		3413.7	3426.94
00:40:03	116.6	3412.3	3424.79
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00:39:45		3421.5	3434.74
00:39:36		3420.1	3432.89
00:39:27	116.7	3423.1	3437.04
00:39:18		3424.0	3437.42
00:39:09		3425.4	3439.27
00:39:00	116.6	3427.0	3440.66
00:38:51		3429.4	3441.23
00:38:42		3431.3	3444.30
00:38:33	116.7	3433.7	3447.23
00:38:24		3448.1	3463.27
00:38:15		3459.3	3473.01
00:38:06		3461.0	3473.47
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00:37:39		3480.2	3484.39
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00:37:21		3226.9	3226.51
00:37:12		3075.4	3085.29
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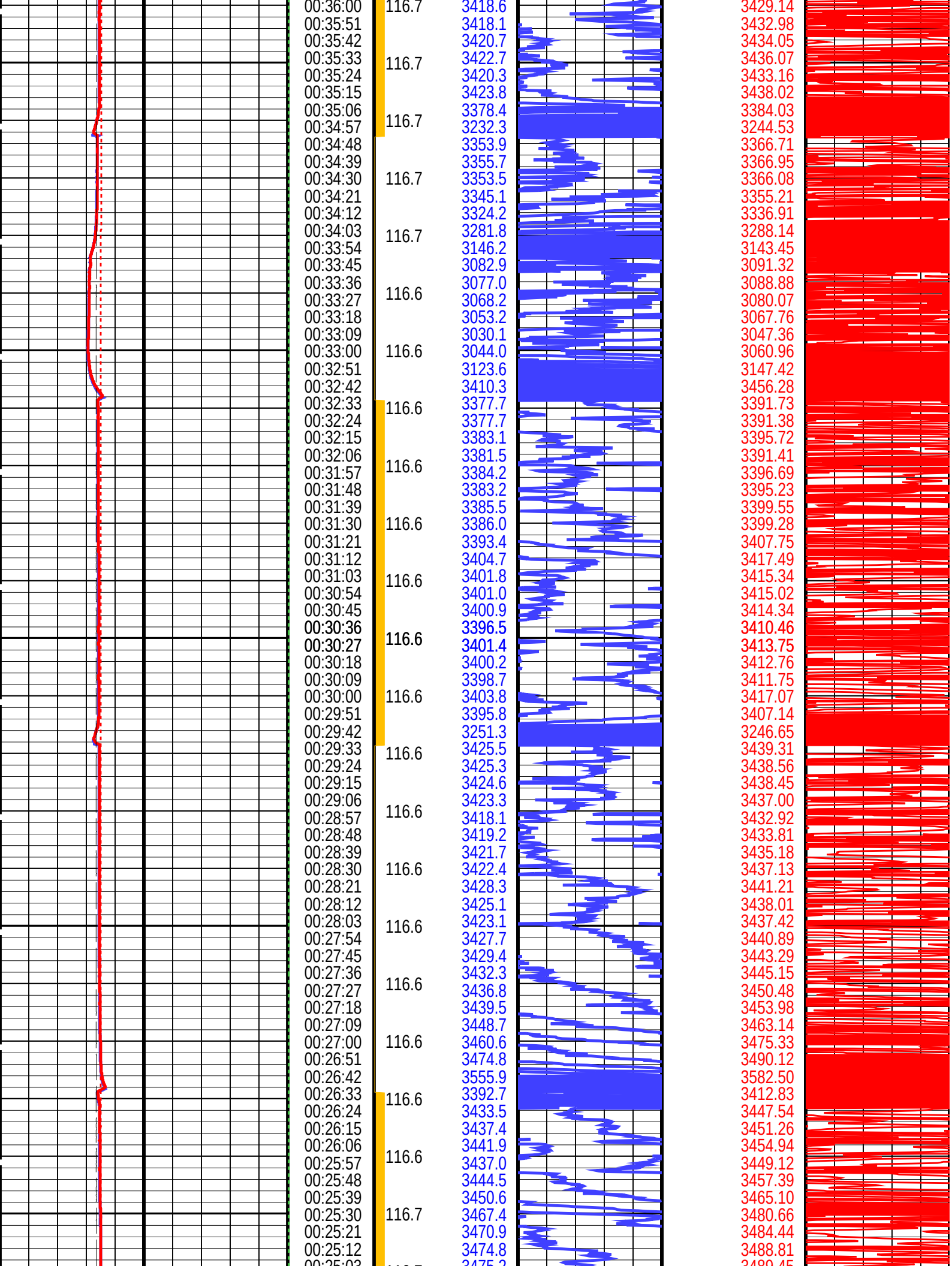

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00:35:24		3420.3	3433.16
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00:34:48		3353.9	3366.71
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00:34:21		3345.1	3355.21
00:34:12		3324.2	3336.91
00:34:03	116.7	3281.8	3288.14
00:33:54		3146.2	3143.45
00:33:45		3082.9	3091.32
00:33:36	116.6	3077.0	3088.88
00:33:27		3068.2	3080.07
00:33:18		3053.2	3067.76
00:33:09		3030.1	3047.36
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00:32:24		3377.7	3391.38
00:32:15		3383.1	3395.72
00:32:06	116.6	3381.5	3391.41
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00:31:48		3383.2	3395.23
00:31:39		3385.5	3399.55
00:31:30	116.6	3386.0	3399.28
00:31:21		3393.4	3407.75
00:31:12		3404.7	3417.49
00:31:03	116.6	3401.8	3415.34
00:30:54		3401.0	3415.02
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00:29:33	116.6	3425.5	3439.31
00:29:24		3425.3	3438.56
00:29:15		3424.6	3438.45
00:29:06		3423.3	3437.00
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00:27:18		3439.5	3453.98
00:27:09		3448.7	3463.14
00:27:00	116.6	3460.6	3475.33
00:26:51		3474.8	3490.12
00:26:42		3555.9	3582.50
00:26:33	116.6	3392.7	3412.83
00:26:24		3433.5	3447.54
00:26:15		3437.4	3451.26
00:26:06		3441.9	3454.94
00:25:57	116.6	3437.0	3449.12
00:25:48		3444.5	3457.39
00:25:39		3450.6	3465.10
00:25:30	116.7	3467.4	3480.66
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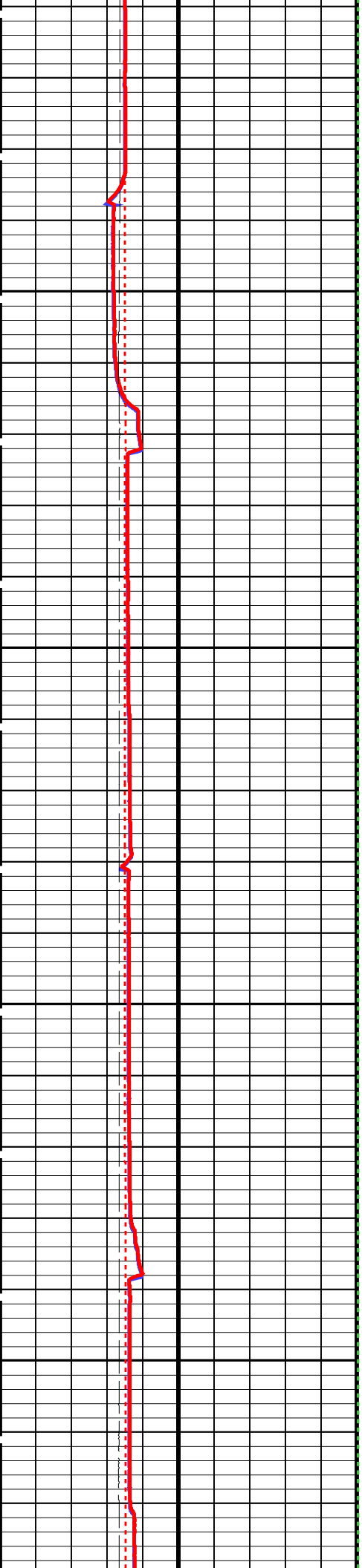

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00:24:27	116.7	3477.7	3490.82
00:24:18		3480.4	3494.37
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00:24:00	116.7	3483.4	3494.79
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00:23:42		3062.5	3022.53
00:23:33	116.6	3157.9	3168.70
00:23:24		3150.1	3164.20
00:23:15		3149.1	3161.87
00:23:06		3146.0	3159.73
00:22:57	116.6	3163.8	3174.89
00:22:48		3177.3	3188.80
00:22:39		3185.5	3197.81
00:22:30	116.5	3243.3	3258.36
00:22:21		3357.0	3392.52
00:22:12		3849.9	3862.29
00:22:03	116.6	3869.1	3892.41
00:21:54		3550.3	3563.98
00:21:45		3543.8	3558.02
00:21:36		3546.9	3560.29
00:21:27	116.6	3546.5	3559.89
00:21:18		3545.2	3558.04
00:21:09		3548.6	3561.57
00:21:00	116.6	3562.0	3575.51
00:20:51		3555.1	3568.07
00:20:42		3567.0	3579.71
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00:20:24		3567.7	3580.97
00:20:15		3572.0	3585.32
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00:19:12		3617.9	3633.79
00:19:03	116.6	3511.2	3480.76
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00:18:27	116.6	3577.4	3590.83
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00:18:09		3579.7	3592.36
00:18:00	116.6	3579.8	3592.76
00:17:51		3581.1	3594.27
00:17:42		3582.8	3596.16
00:17:33	116.6	3587.2	3601.89
00:17:24		3590.1	3603.31
00:17:15		3591.9	3604.87
00:17:06		3595.7	3609.87
00:16:57	116.6	3603.3	3616.46
00:16:48		3609.0	3621.15
00:16:39		3618.9	3632.40
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00:16:12		3907.5	3934.15
00:16:03	116.6	3603.4	3619.29
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00:15:09		3607.3	3620.75
00:15:00	116.6	3606.8	3620.44
00:14:51		3609.3	3622.02
00:14:42		3609.6	3622.58
00:14:33	116.6	3620.6	3637.93
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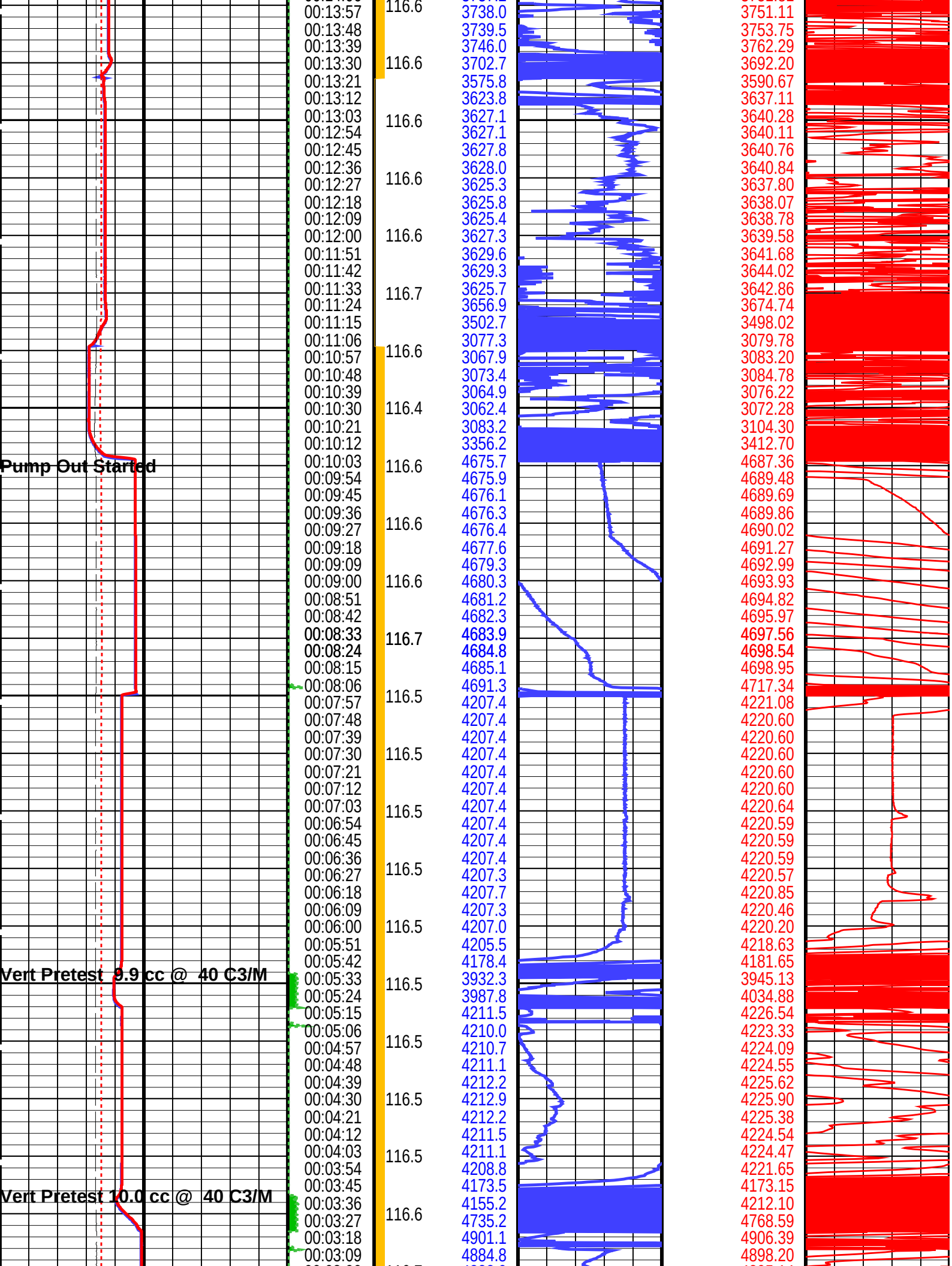

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00:13:30	116.6	3702.7	3692.20
00:13:21		3575.8	3590.67
00:13:12		3623.8	3637.11
00:13:03	116.6	3627.1	3640.28
00:12:54		3627.1	3640.11
00:12:45		3627.8	3640.76
00:12:36		3628.0	3640.84
00:12:27	116.6	3625.3	3637.80
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00:10:21		3083.2	3104.30
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00:09:54		4675.9	4689.48
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00:09:36		4676.3	4689.86
00:09:27	116.6	4676.4	4690.02
00:09:18		4677.6	4691.27
00:09:09		4679.3	4692.99
00:09:00	116.6	4680.3	4693.93
00:08:51		4681.2	4694.82
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00:08:33	116.7	4683.9	4697.56
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00:08:06		4691.3	4717.34
00:07:57	116.5	4207.4	4221.08
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00:06:18		4207.7	4220.85
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00:05:42		4178.4	4181.65
00:05:33	116.5	3932.3	3945.13
00:05:24		3987.8	4034.88
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00:04:57	116.5	4210.7	4224.09
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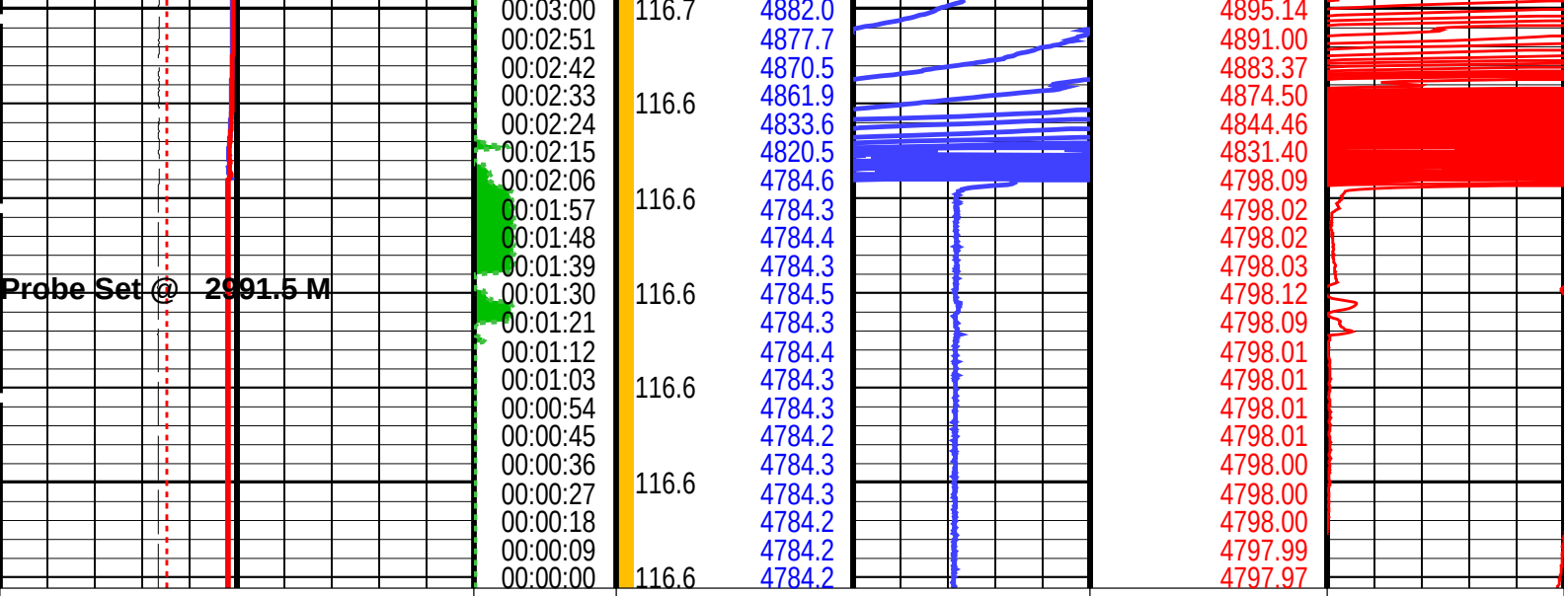


MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150	100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:08

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_299LTP	FN:474	PRODUCER	02−Dec−2004 11:13	2991.5 M	17.0 M

Output DLIS Files

Output DLIS Files

DEFAULT	MDT_OFA_088PTP	FN:87	PRODUCER	06−Dec−2004 13:08	

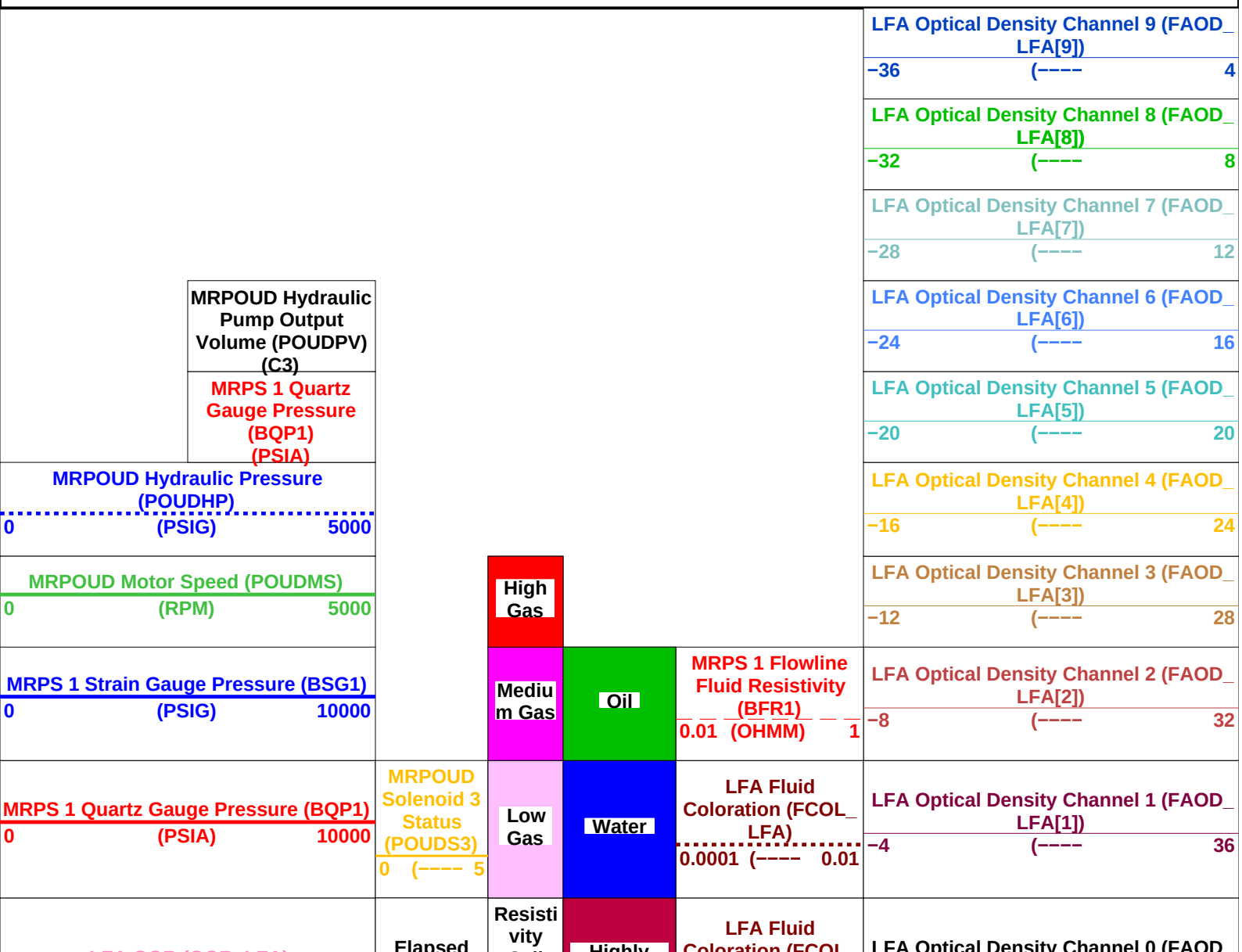
Input DLIS Files

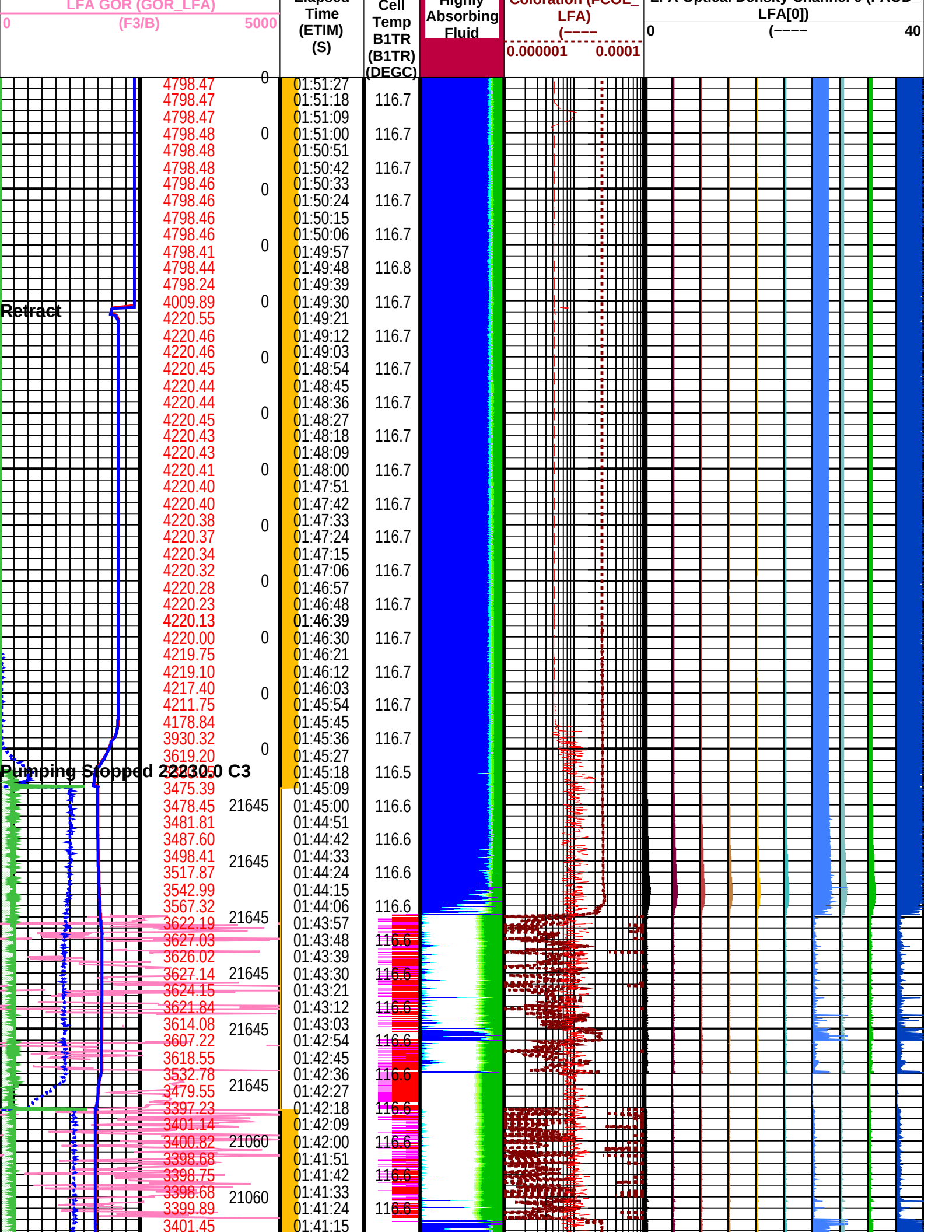
DEFAULT	MDT_OFA_299LTP	FN:474	PRODUCER	02−Dec−2004 11:13	2991.5 M	17.0 M

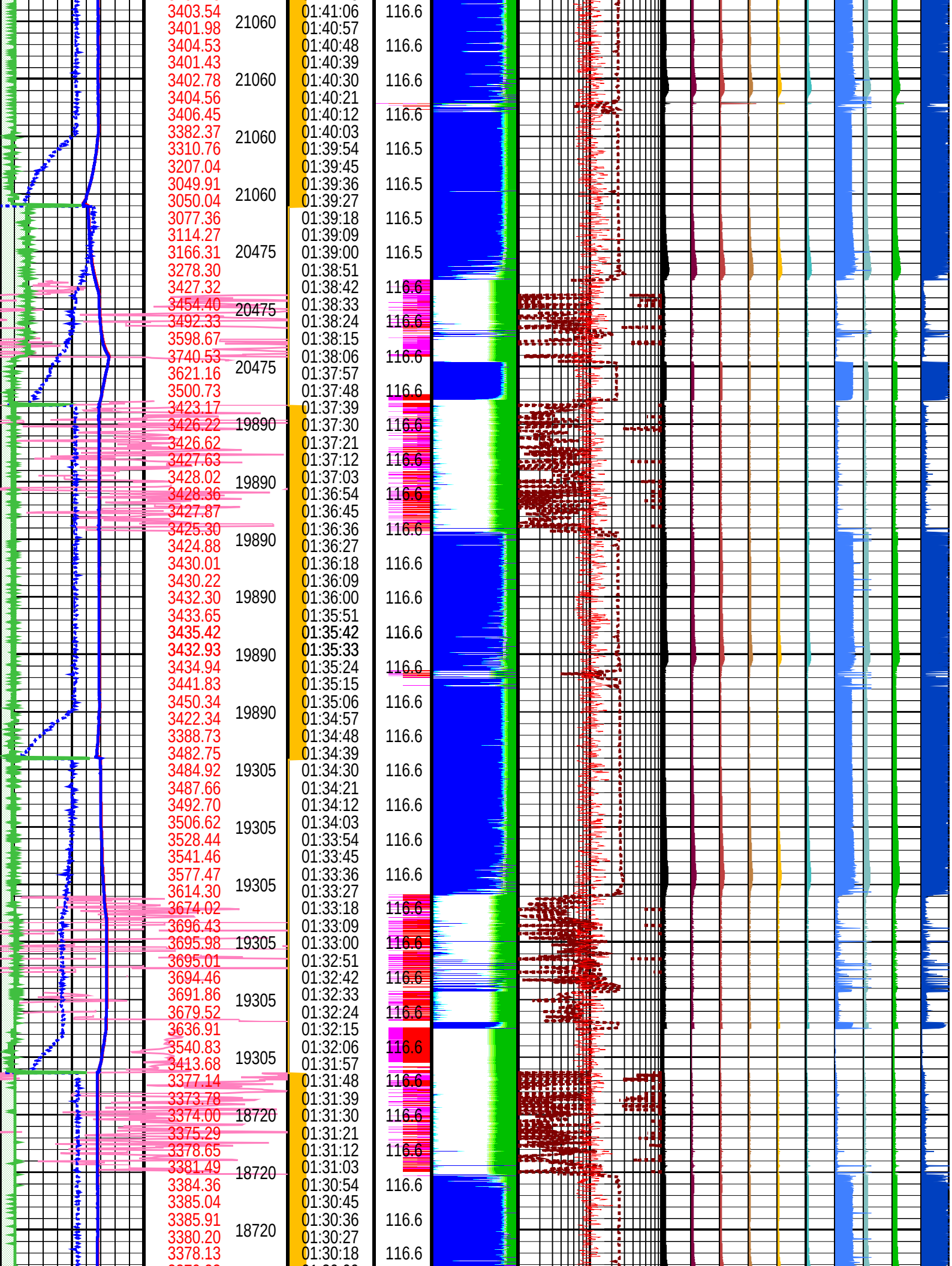
Output DLIS Files

DEFAULT	MDT_OFA_088PTP	FN:87	PRODUCER	06−Dec−2004 13:08	2991.5 M	17.0 M

Elapsed Time (s)	Event Summary
6568.5	Retract Single Probe Module (MRPS) 1
6321.9	Pumping Stopped 22230.0 C3 Dual Up−down Pumpout Module (MRPOUD)
603.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
316.2	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
199.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
95.1	Probe Set @ 2991.5 M Single Probe Module (MRPS) 1




LFA GOR (GOR_LFA)
0
(F3/B)
5000
Elapsed Time (ETIM) (S)
Cell Temp B1TR (B1TR) (DEGC)
Highly Absorbing Fluid
Coloration (PCOL_LFA) (----
0.000001
0.0001
LFA Optical Density Channel 0 (PAOD_LFA[0])
0
(----
40
Retract
Pumping Stopped 22230.0 C3



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3401.43		01:40:39	
3402.78	21060	01:40:30	116.6
3404.56		01:40:21	
3406.45		01:40:12	116.6
3382.37	21060	01:40:03	
3310.76		01:39:54	116.5
3207.04		01:39:45	
3049.91	21060	01:39:36	116.5
3050.04		01:39:27	
3077.36		01:39:18	116.5
3114.27		01:39:09	
3166.31	20475	01:39:00	116.5
3278.30		01:38:51	
3427.32		01:38:42	116.6
3454.40	20475	01:38:33	
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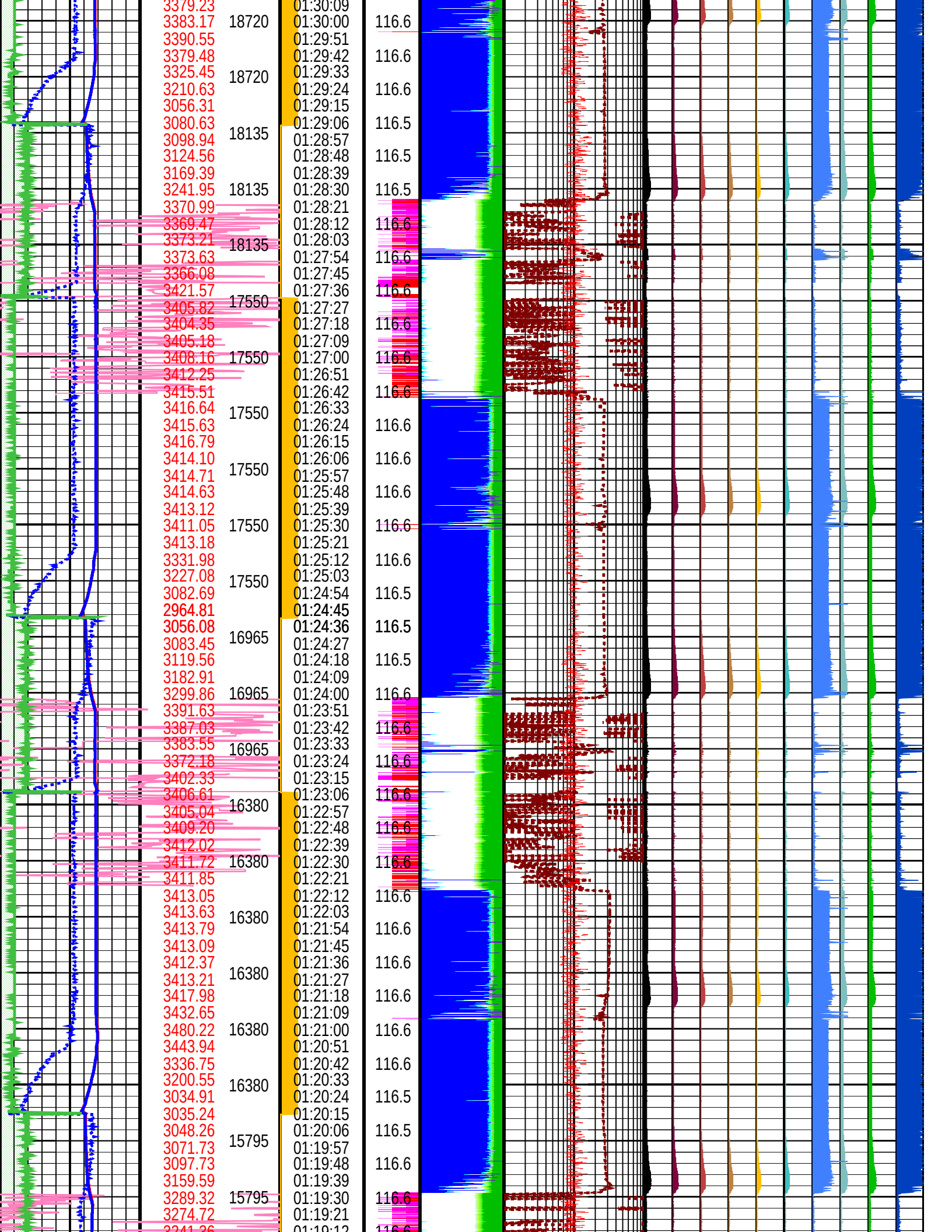
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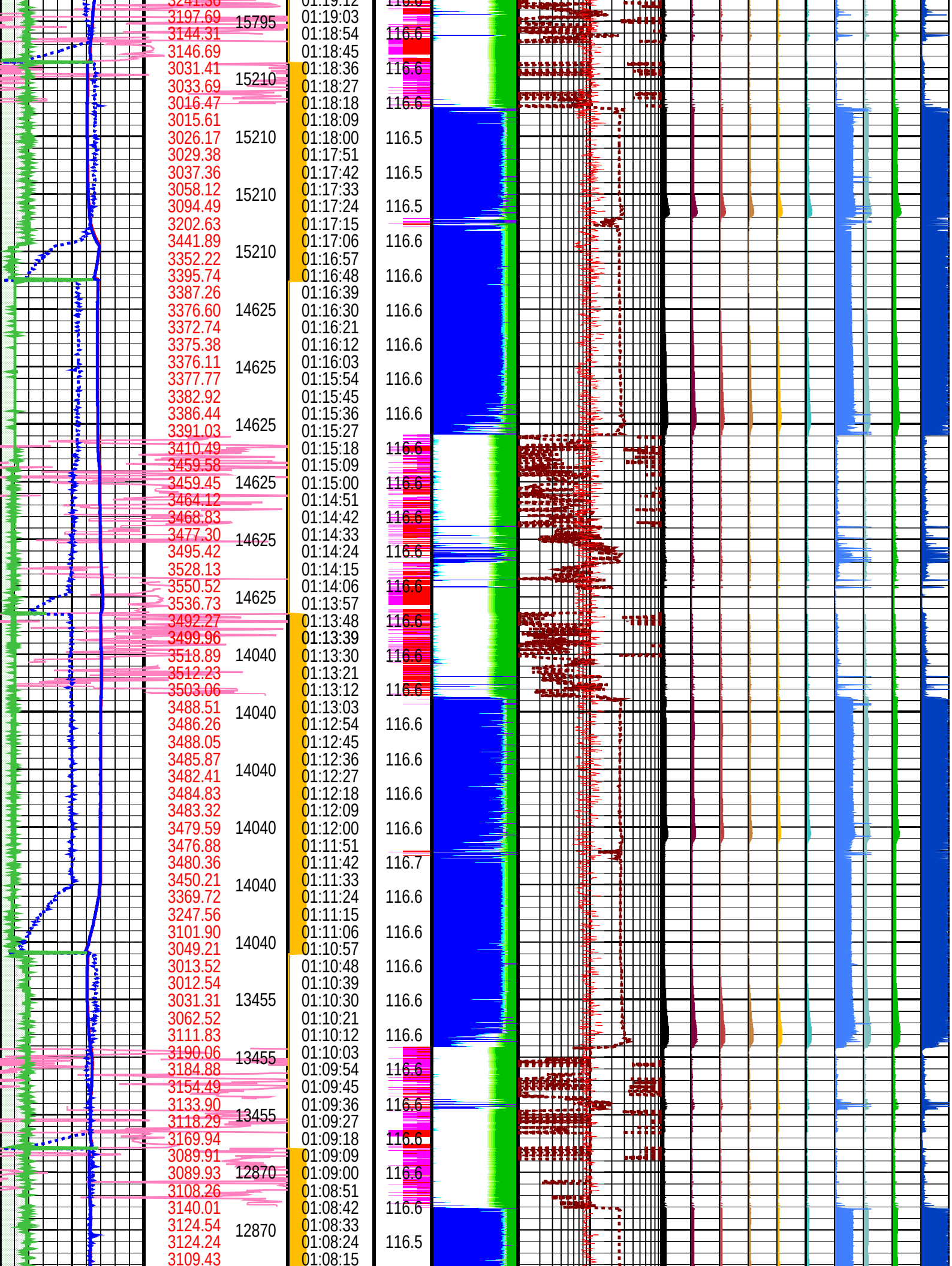

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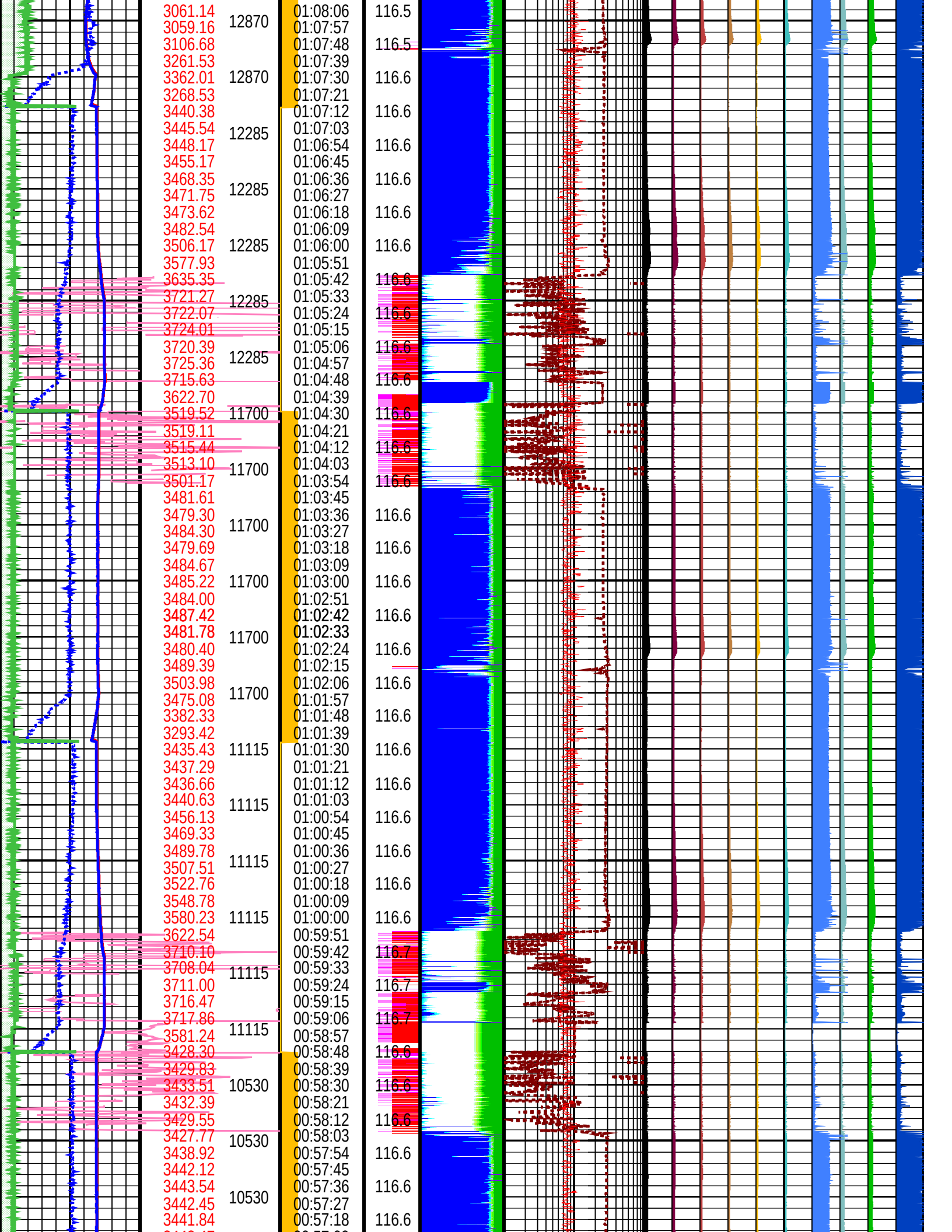

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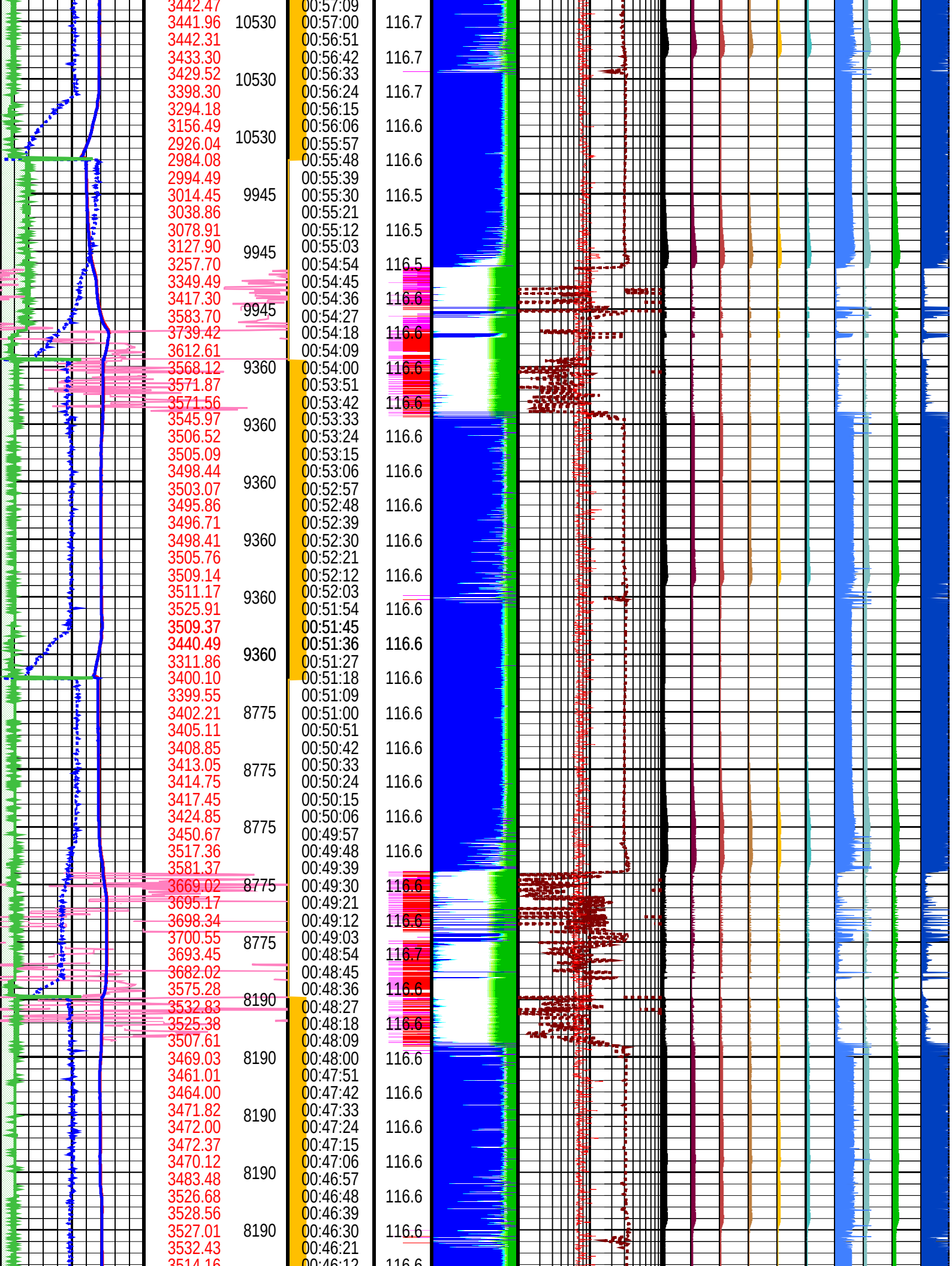

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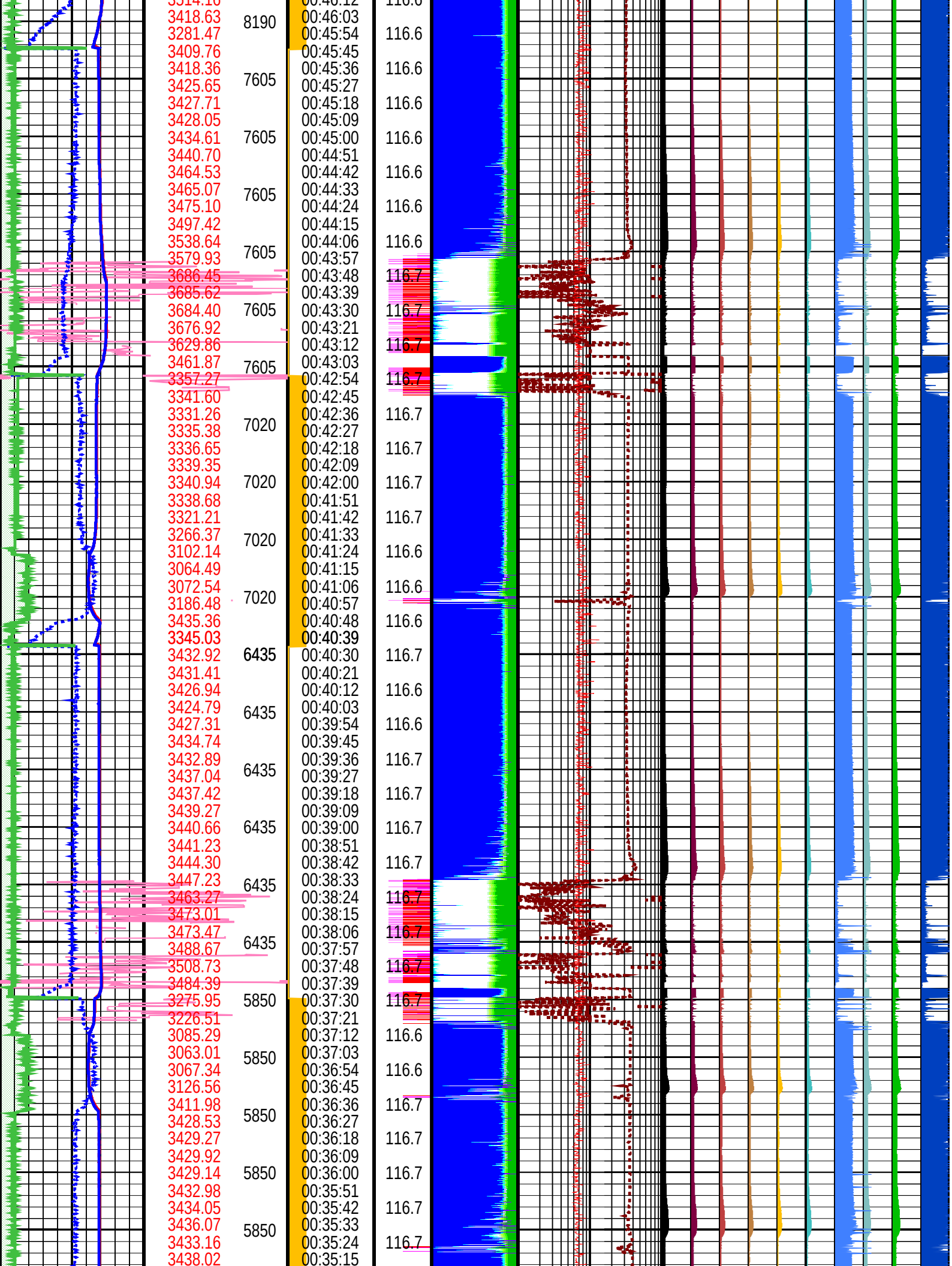

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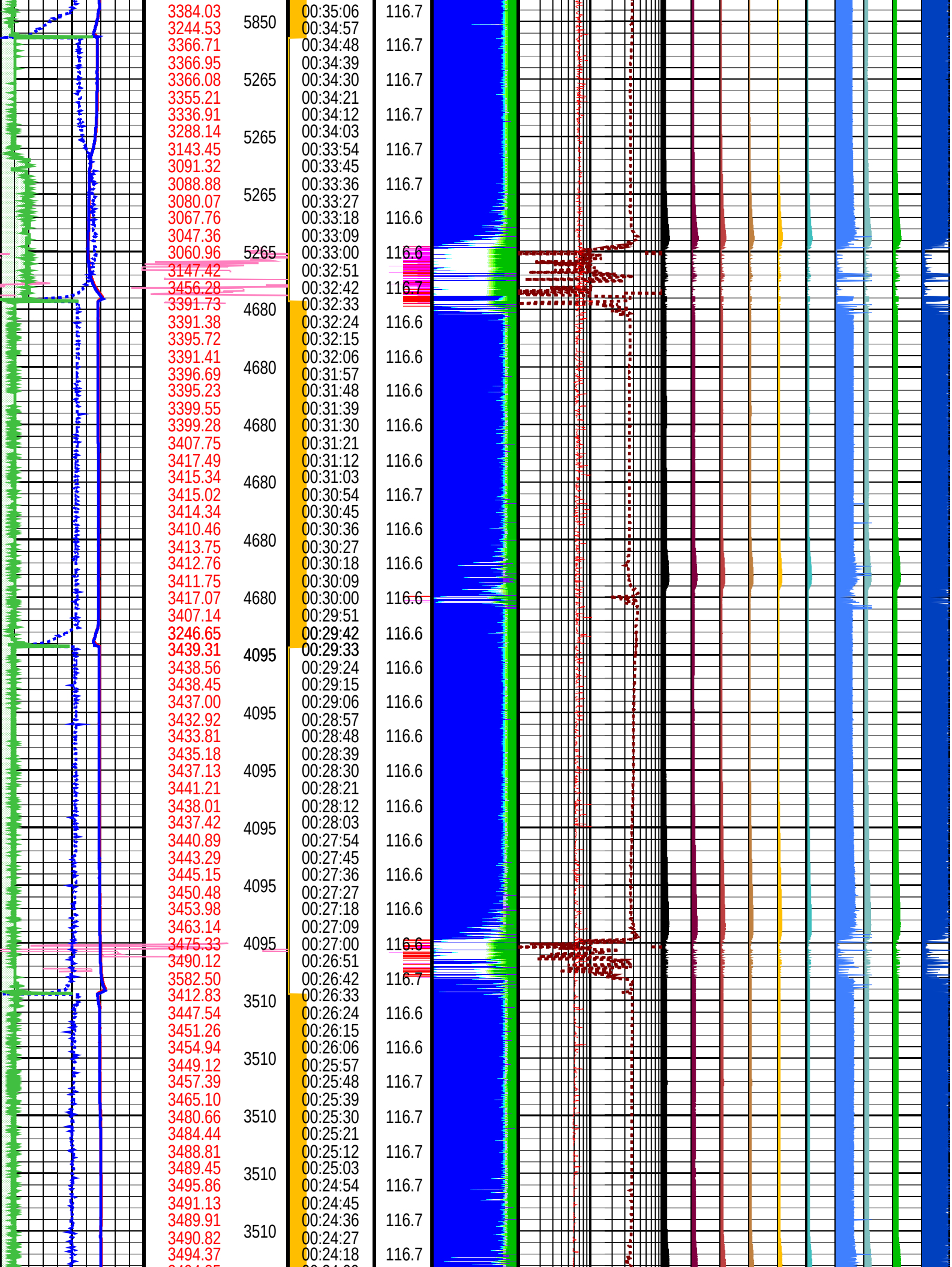

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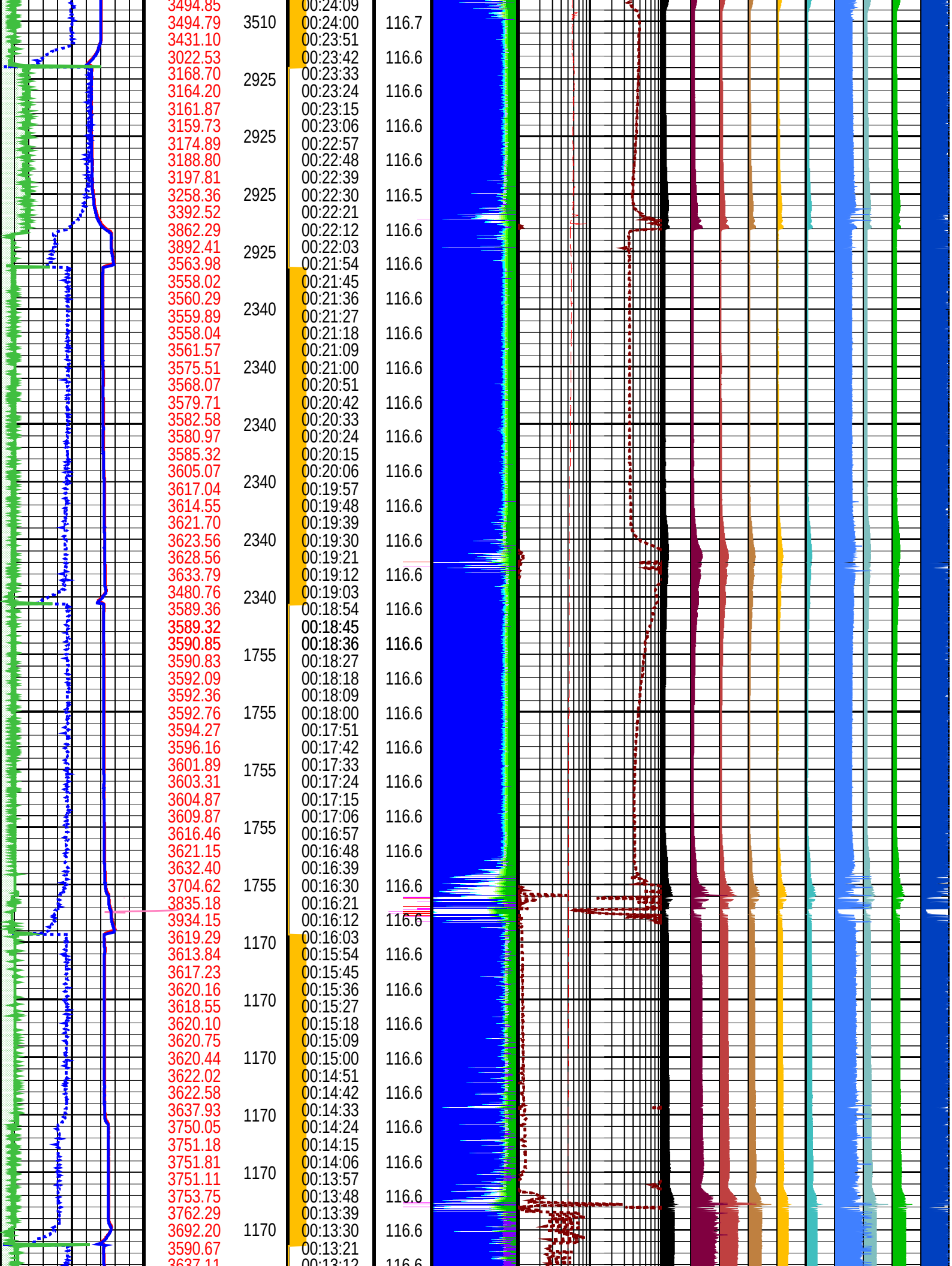
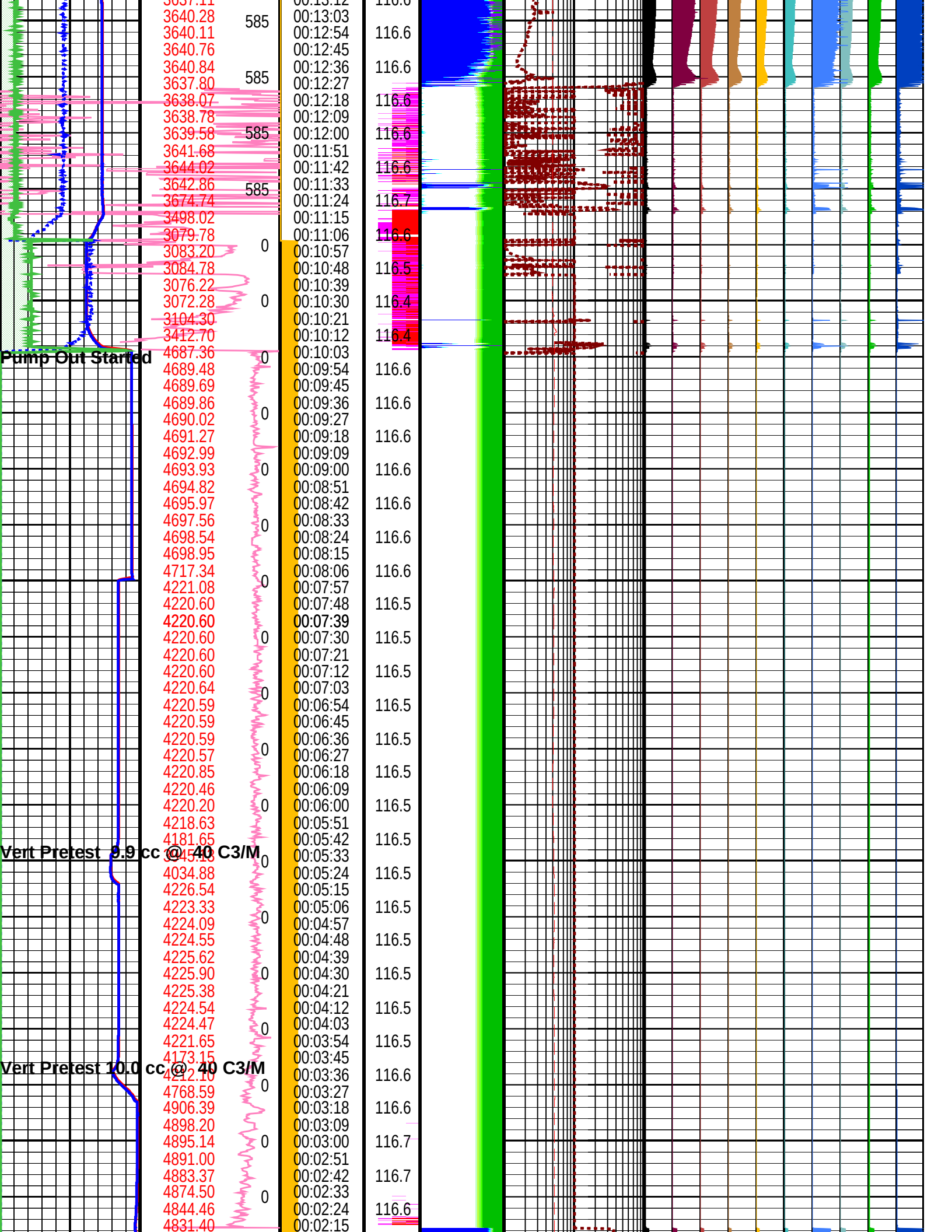
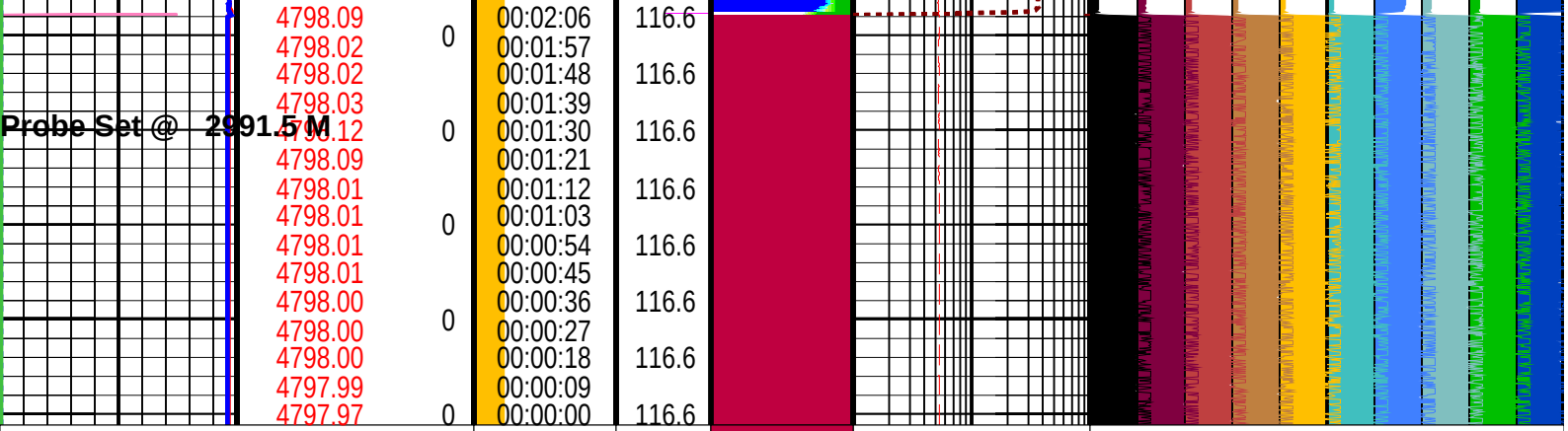
3432.92	4095	00:28:57	
3433.81		00:28:48	116.6
3435.18		00:28:39	
3437.13	4095	00:28:30	116.6
3441.21		00:28:21	
3438.01		00:28:12	116.6
3437.42	4095	00:28:03	
3440.89		00:27:54	116.6
3443.29		00:27:45	
3445.15		00:27:36	116.6
3450.48	4095	00:27:27	
3453.98		00:27:18	116.6
3463.14		00:27:09	
3475.33	4095	00:27:00	116.6
3490.12		00:26:51	
3582.50		00:26:42	116.7
3412.83	3510	00:26:33	
3447.54		00:26:24	116.6
3451.26		00:26:15	
3454.94		00:26:06	116.6
3449.12	3510	00:25:57	
3457.39		00:25:48	116.7
3465.10		00:25:39	
3480.66	3510	00:25:30	116.7
3484.44		00:25:21	
3488.81		00:25:12	116.7
3489.45	3510	00:25:03	
3495.86		00:24:54	116.7
3491.13		00:24:45	
3489.91		00:24:36	116.7
3490.82	3510	00:24:27	
3494.37		00:24:18	116.7



3494.85		00:24:09	
3494.79	3510	00:24:00	116.7
3431.10		00:23:51	
3022.53		00:23:42	116.6
3168.70	2925	00:23:33	
3164.20		00:23:24	116.6
3161.87		00:23:15	
3159.73	2925	00:23:06	116.6
3174.89		00:22:57	
3188.80		00:22:48	116.6
3197.81		00:22:39	
3258.36	2925	00:22:30	116.5
3392.52		00:22:21	
3862.29		00:22:12	116.6
3892.41	2925	00:22:03	
3563.98		00:21:54	116.6
3558.02		00:21:45	
3560.29	2340	00:21:36	116.6
3559.89		00:21:27	
3558.04		00:21:18	116.6
3561.57		00:21:09	
3575.51	2340	00:21:00	116.6
3568.07		00:20:51	
3579.71		00:20:42	116.6
3582.58	2340	00:20:33	
3580.97		00:20:24	116.6
3585.32		00:20:15	
3605.07	2340	00:20:06	116.6
3617.04		00:19:57	
3614.55		00:19:48	116.6
3621.70		00:19:39	
3623.56	2340	00:19:30	116.6
3628.56		00:19:21	
3633.79		00:19:12	116.6
3480.76	2340	00:19:03	
3589.36		00:18:54	116.6
3589.32		00:18:45	
3590.85	1755	00:18:36	116.6
3590.83		00:18:27	
3592.09		00:18:18	116.6
3592.36		00:18:09	
3592.76	1755	00:18:00	116.6
3594.27		00:17:51	
3596.16		00:17:42	116.6
3601.89	1755	00:17:33	
3603.31		00:17:24	116.6
3604.87		00:17:15	
3609.87	1755	00:17:06	116.6
3616.46		00:16:57	
3621.15		00:16:48	116.6
3632.40		00:16:39	
3704.62	1755	00:16:30	116.6
3835.18		00:16:21	
3934.15		00:16:12	116.6
3619.29	1170	00:16:03	
3613.84		00:15:54	116.6
3617.23		00:15:45	
3620.16		00:15:36	116.6
3618.55	1170	00:15:27	
3620.10		00:15:18	116.6
3620.75		00:15:09	
3620.44	1170	00:15:00	116.6
3622.02		00:14:51	
3622.58		00:14:42	116.6
3637.93	1170	00:14:33	
3750.05		00:14:24	116.6
3751.18		00:14:15	
3751.81	1170	00:14:06	116.6
3751.11		00:13:57	
3753.75		00:13:48	116.6
3762.29		00:13:39	
3692.20	1170	00:13:30	116.6
3590.67		00:13:21	
3637.11		00:13:12	116.6


Pump Out Started
Vert Pretest 9.9 cc @ 40 C3/M
Vert Pretest 10.0 cc @ 40 C3/M



LFA GOR (GOR_LFA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Highly Absorbing Fluid

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Low Gas

Water

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Medium Gas

Oil

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

High Gas

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (---- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (---- 8

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (---- 4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	

FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:08

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_299LTP	FN:474	PRODUCER	02−Dec−2004 11:13	2991.5 M	17.0 M

Output DLIS Files

DEFAULT	MDT_OFA_088PTP	FN:87	PRODUCER	06−Dec−2004 13:08

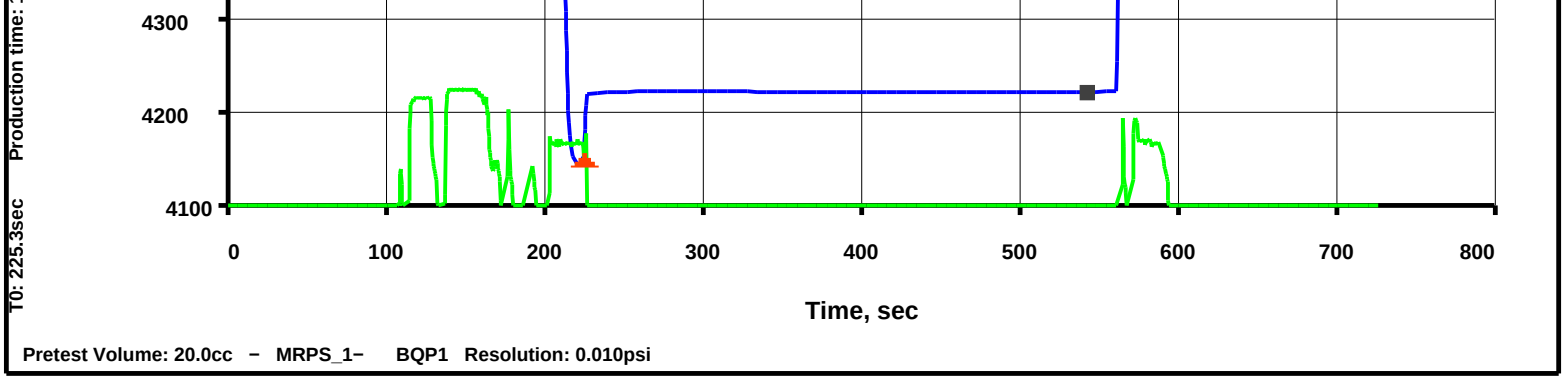
Schlumberger

Pretest @ 2995.0 mMD

MAXIS Field Log

File 295 Depth, M: 2995.00 Normal Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	4803.63
Mud Pressure after test, PSIA:	4803.6
Last build−up pressure, PSIA:	4222.14
Draw−down mobility, md/cp:	62.3



Output DLIS Files

DEFAULT	MDT_OFA_295LTP	FN:466	PRODUCER	30−Nov−2004 10:21
BACKUP	MDT_OFA_295LTP	FN:467	PRODUCER	30−Nov−2004 10:21

Elapsed Time (s)	Event Summary
567.6	Retract Single Probe Module (MRPS) 1
198.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
133.2	Probe Set @ 2995.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

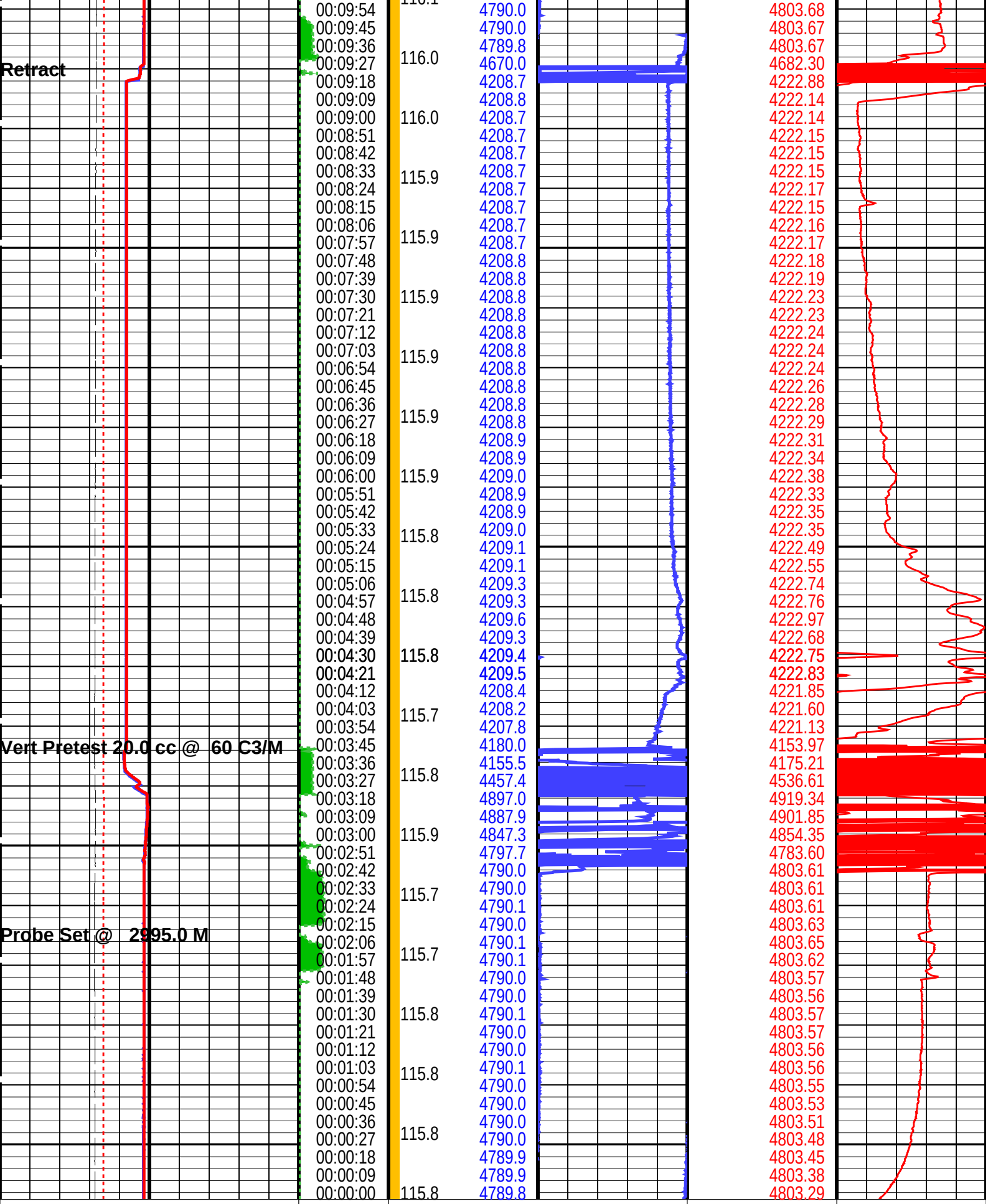
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30		MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:12:18		4790.0	4803.60
00:12:09		4790.0	4803.60
00:12:00	116.1	4790.0	4803.60
00:11:51		4790.0	4803.60
00:11:42		4790.0	4803.59
00:11:33	116.1	4790.0	4803.60
00:11:24		4790.0	4803.60
00:11:15		4790.0	4803.61
00:11:06		4790.0	4803.61
00:10:57	116.1	4790.1	4803.62
00:10:48		4790.0	4803.62
00:10:39		4790.1	4803.63
00:10:30	116.1	4790.0	4803.64
00:10:21		4790.0	4803.66
00:10:12		4790.1	4803.67
00:10:03	116.1	4790.1	4803.68

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
00:09:54	116.1	4790.0	4803.68	
00:09:45		4790.0	4803.67	
00:09:36		4789.8	4803.67	
00:09:27	116.0	4670.0	4682.30	
00:09:18		4208.7	4222.88	
00:09:09		4208.8	4222.14	
00:09:00	116.0	4208.7	4222.14	
00:08:51		4208.7	4222.15	
00:08:42		4208.7	4222.15	
00:08:33	115.9	4208.7	4222.15	
00:08:24		4208.7	4222.17	
00:08:15		4208.7	4222.15	
00:08:06		4208.7	4222.16	
00:07:57	115.9	4208.7	4222.17	
00:07:48		4208.8	4222.18	
00:07:39		4208.8	4222.19	
00:07:30	115.9	4208.8	4222.23	
00:07:21		4208.8	4222.23	
00:07:12		4208.8	4222.24	
00:07:03	115.9	4208.8	4222.24	
00:06:54		4208.8	4222.24	
00:06:45		4208.8	4222.26	
00:06:36		4208.8	4222.28	
00:06:27	115.9	4208.8	4222.29	
00:06:18		4208.9	4222.31	
00:06:09		4208.9	4222.34	
00:06:00	115.9	4209.0	4222.38	
00:05:51		4208.9	4222.33	
00:05:42		4208.9	4222.35	
00:05:33	115.8	4209.0	4222.35	
00:05:24		4209.1	4222.49	
00:05:15		4209.1	4222.55	
00:05:06		4209.3	4222.74	
00:04:57	115.8	4209.3	4222.76	
00:04:48		4209.6	4222.97	
00:04:39		4209.3	4222.68	
00:04:30	115.8	4209.4	4222.75	
00:04:21		4209.5	4222.83	
00:04:12		4208.4	4221.85	
00:04:03	115.7	4208.2	4221.60	
00:03:54		4207.8	4221.13	
00:03:45		4180.0	4153.97	
00:03:36		4155.5	4175.21	
00:03:27	115.8	4457.4	4536.61	
00:03:18		4897.0	4919.34	
00:03:09		4887.9	4901.85	
00:03:00	115.9	4847.3	4854.35	
00:02:51		4797.7	4783.60	
00:02:42		4790.0	4803.61	
00:02:33	115.7	4790.0	4803.61	
00:02:24		4790.1	4803.61	
00:02:15		4790.0	4803.63	
00:02:06		4790.1	4803.65	
00:01:57	115.7	4790.1	4803.62	
00:01:48		4790.0	4803.57	
00:01:39		4790.0	4803.56	
00:01:30	115.8	4790.1	4803.57	
00:01:21		4790.0	4803.57	
00:01:12		4790.0	4803.56	
00:01:03	115.8	4790.1	4803.56	
00:00:54		4790.0	4803.55	
00:00:45		4790.0	4803.53	
00:00:36		4790.0	4803.51	
00:00:27	115.8	4790.0	4803.48	
00:00:18		4789.9	4803.45	
00:00:09		4789.9	4803.38	
00:00:00	115.8	4789.8	4803.29	

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1

MRHY 1

MRPS 1 Quartz Gauge Pressure (BQP1)	Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10
MRPS 1 Resistivity Cell Temperature (B1TR)		MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)	
100 (DEGC) 150			
MRPS 1 Quartz Gauge Temperature (BQT1)			
100 (DEGC) 150			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 10:21

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_295LTP	FN:466	PRODUCER	30−Nov−2004 10:21
BACKUP	MDT_OFA_295LTP	FN:467	PRODUCER	30−Nov−2004 10:21

Schlumberger

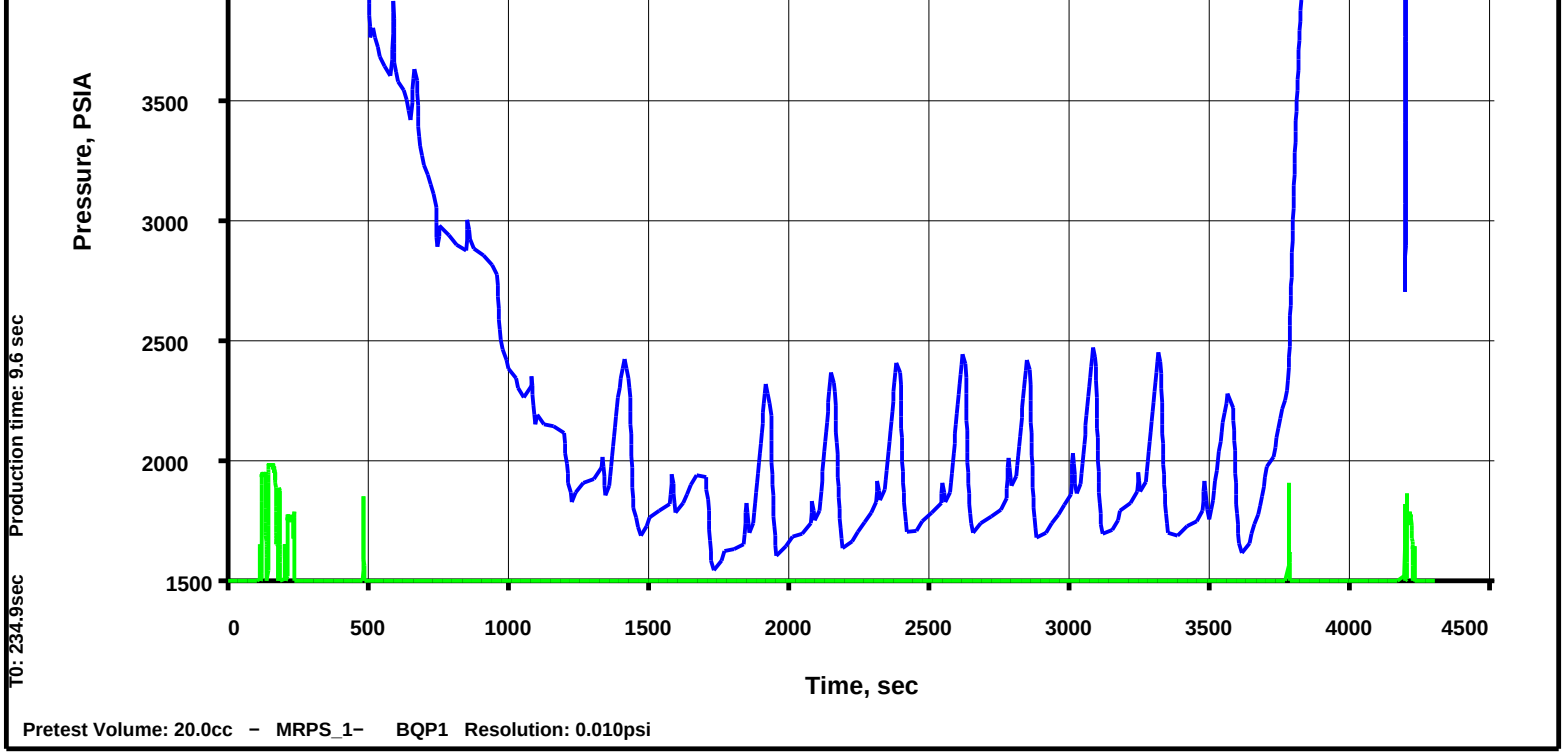
Sample @ 2999.2 mMD

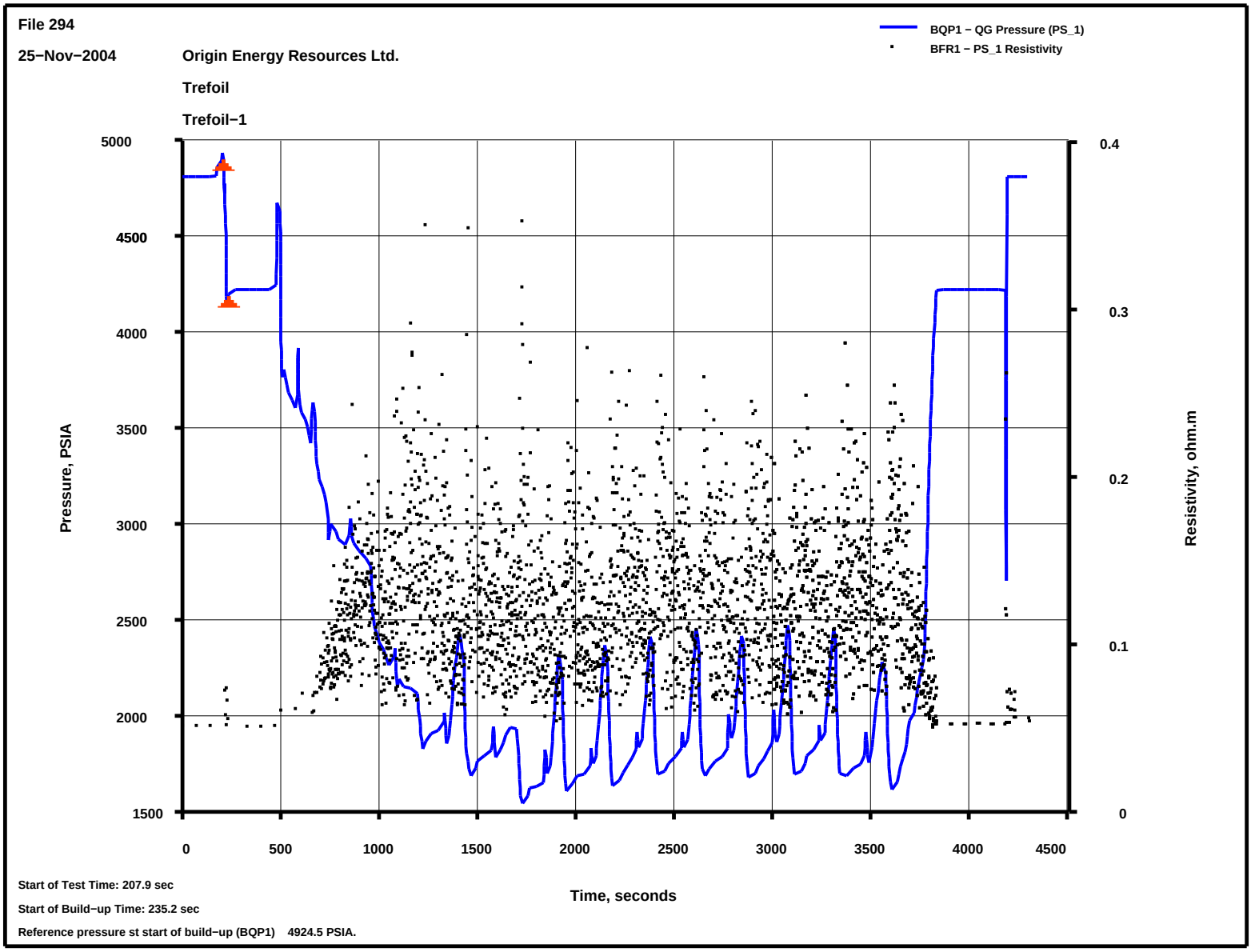
MAXIS Field Log

File 294 Depth, M: 2999.20

Normal Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	4810.16
Mud Pressure after test, PSIA:	4810.07
Last build−up pressure, PSIA:	4222.38
Draw−down mobility, md/cp:	69.9





Input DLIS Files

DEFAULT	MDT_OFA_294LTP	FN:464	PRODUCER	02−Dec−2004 11:13	2999.2 M	11.0 M

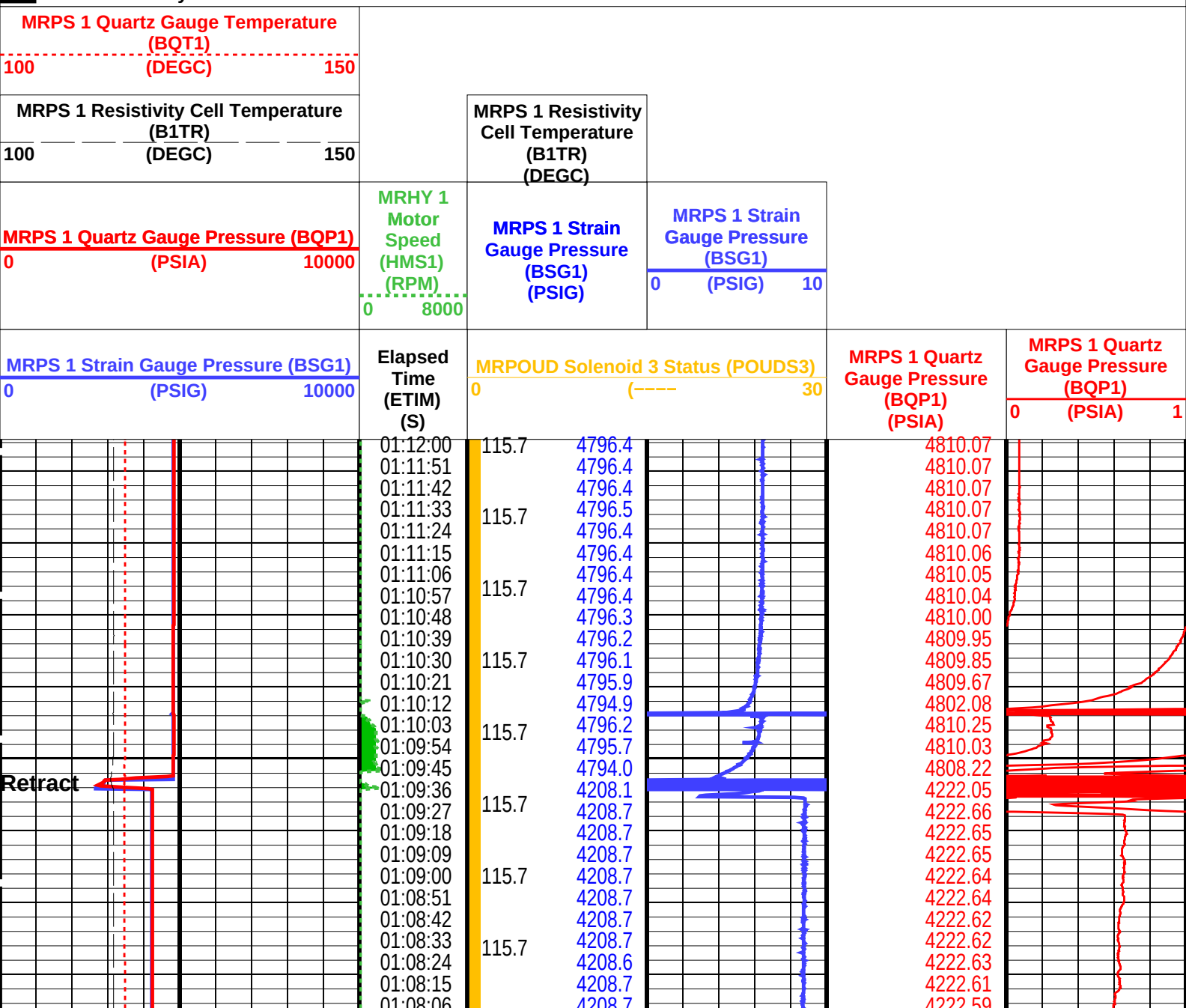
Output DLIS Files

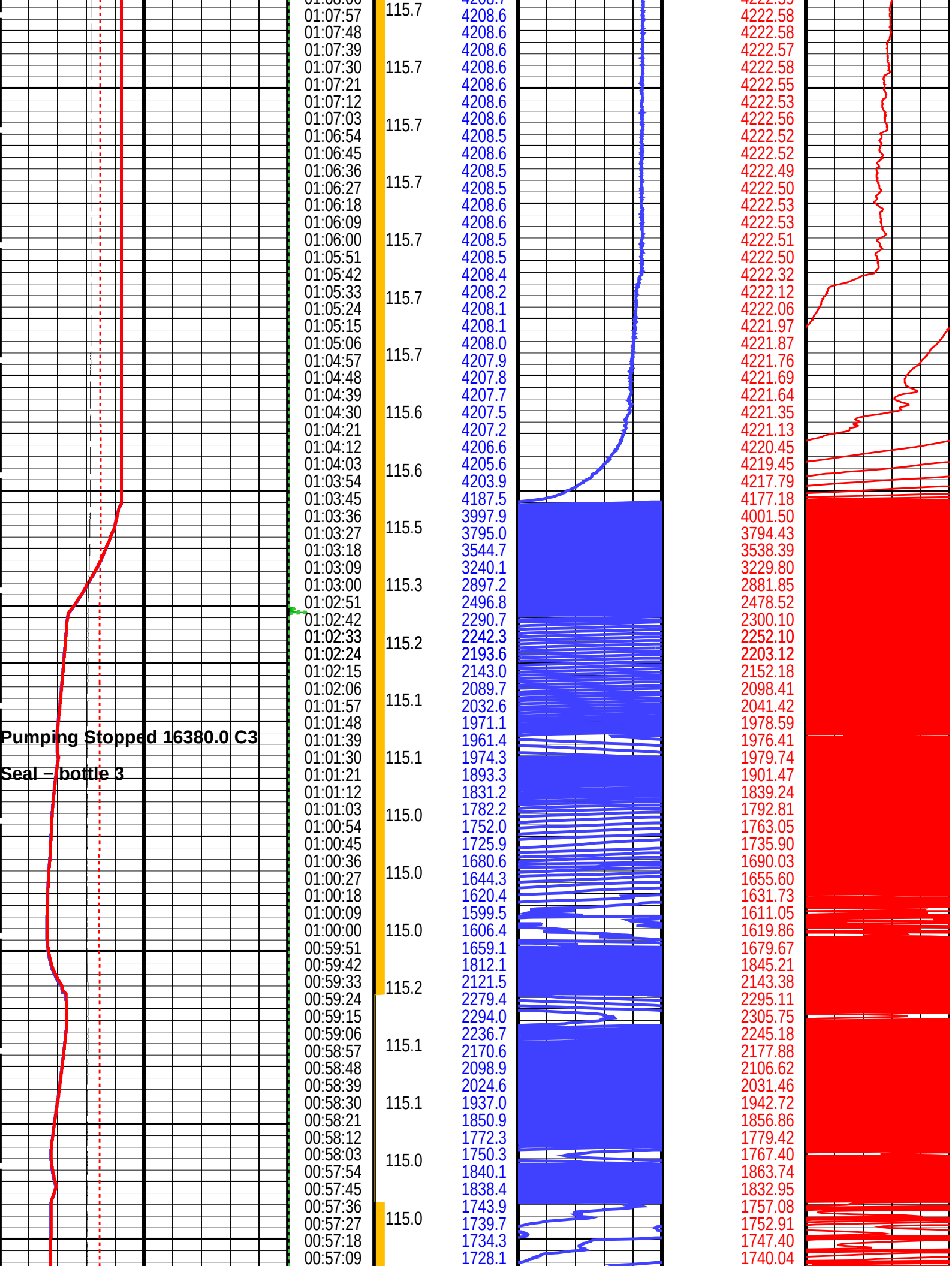
DEFAULT	MDT_OFA_086PTP	FN:85	PRODUCER	06−Dec−2004 13:00	2999.2 M	11.0 M

Elapsed Time (s)	Event Summary
4182.3	Retract Single Probe Module (MRPS) 1
3704.1	Pumping Stopped 16380.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3685.2	Seal Multi−Sample Module (MRMS) 1, bottle 3
3072.3	Open Multi−Sample Module (MRMS) 1, bottle 3, sample number = 4
493.2	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
207.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
139.8	Probe Set @ 2999.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





01:08:06		4208.7	4222.59
01:07:57	115.7	4208.6	4222.58
01:07:48		4208.6	4222.58
01:07:39		4208.6	4222.57
01:07:30	115.7	4208.6	4222.58
01:07:21		4208.6	4222.55
01:07:12		4208.6	4222.53
01:07:03	115.7	4208.6	4222.56
01:06:54		4208.5	4222.52
01:06:45		4208.6	4222.52
01:06:36	115.7	4208.5	4222.49
01:06:27		4208.5	4222.50
01:06:18		4208.6	4222.53
01:06:09		4208.6	4222.53
01:06:00	115.7	4208.5	4222.51
01:05:51		4208.5	4222.50
01:05:42		4208.4	4222.32
01:05:33	115.7	4208.2	4222.12
01:05:24		4208.1	4222.06
01:05:15		4208.1	4221.97
01:05:06	115.7	4208.0	4221.87
01:04:57		4207.9	4221.76
01:04:48		4207.8	4221.69
01:04:39		4207.7	4221.64
01:04:30	115.6	4207.5	4221.35
01:04:21		4207.2	4221.13
01:04:12		4206.6	4220.45
01:04:03	115.6	4205.6	4219.45
01:03:54		4203.9	4217.79
01:03:45		4187.5	4177.18
01:03:36		3997.9	4001.50
01:03:27	115.5	3795.0	3794.43
01:03:18		3544.7	3538.39
01:03:09		3240.1	3229.80
01:03:00	115.3	2897.2	2881.85
01:02:51		2496.8	2478.52
01:02:42		2290.7	2300.10
01:02:33	115.2	2242.3	2252.10
01:02:24		2193.6	2203.12
01:02:15		2143.0	2152.18
01:02:06		2089.7	2098.41
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01:01:12		1831.2	1839.24
01:01:03	115.0	1782.2	1792.81
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00:59:15		2294.0	2305.75
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00:58:48		2098.9	2106.62
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00:58:30	115.1	1937.0	1942.72
00:58:21		1850.9	1856.86
00:58:12		1772.3	1779.42
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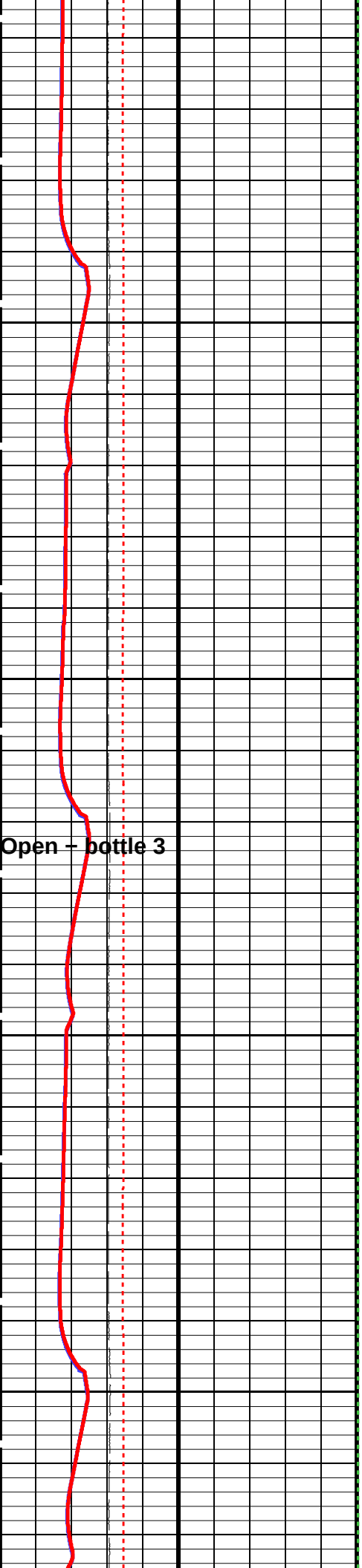

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00:55:03	115.2	2438.9	2443.03
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00:53:15		1807.8	1820.41
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00:52:39		1738.9	1750.43
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00:49:12		1772.0	1783.03
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00:47:42		1812.0	1842.58
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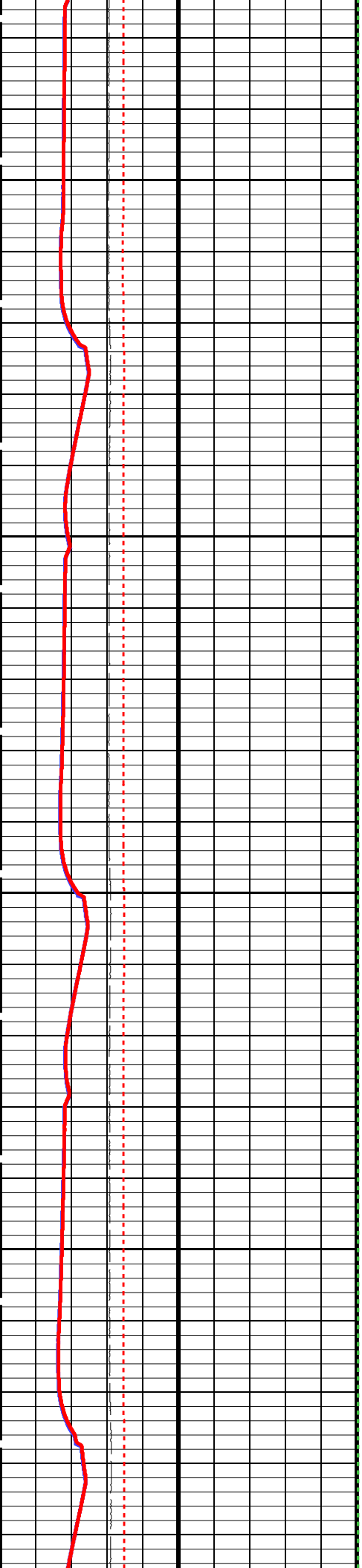

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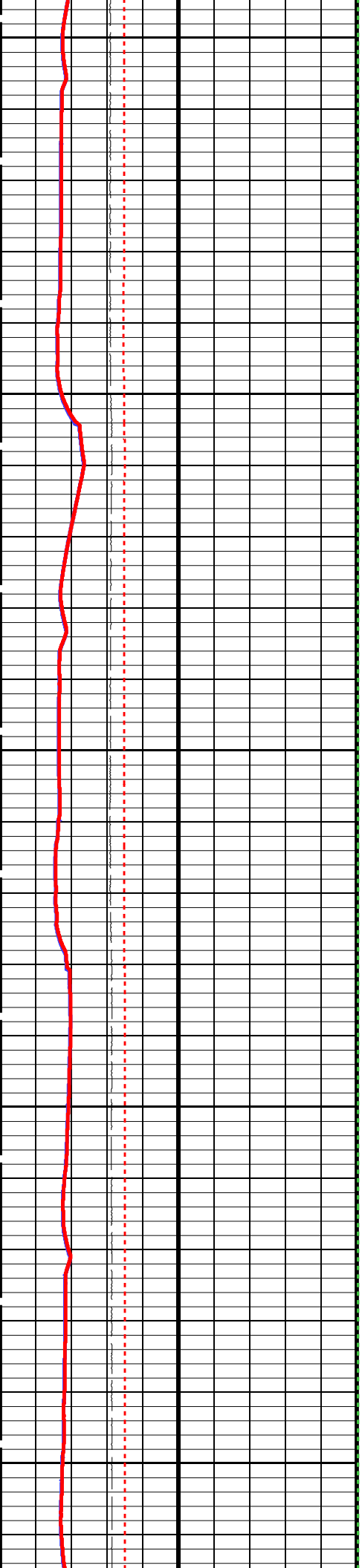

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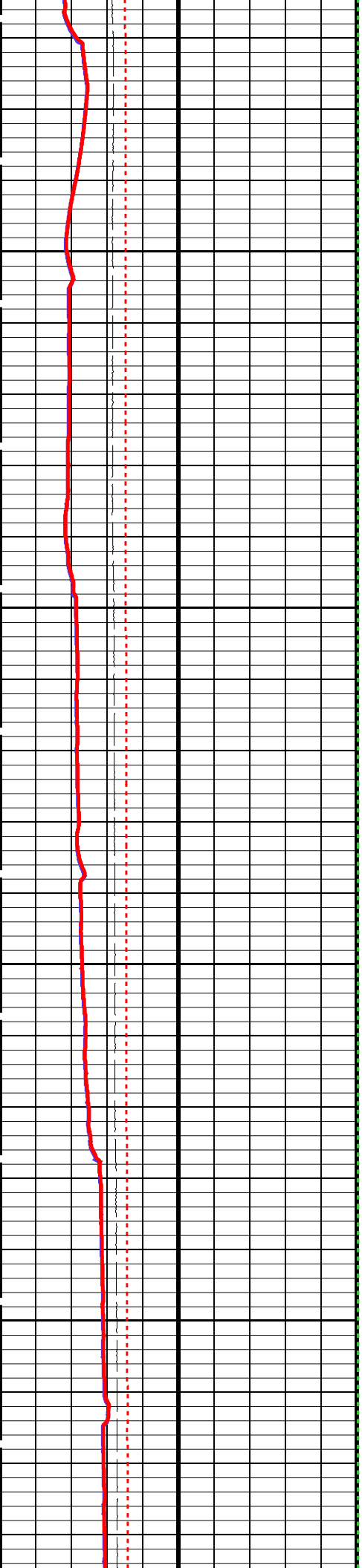

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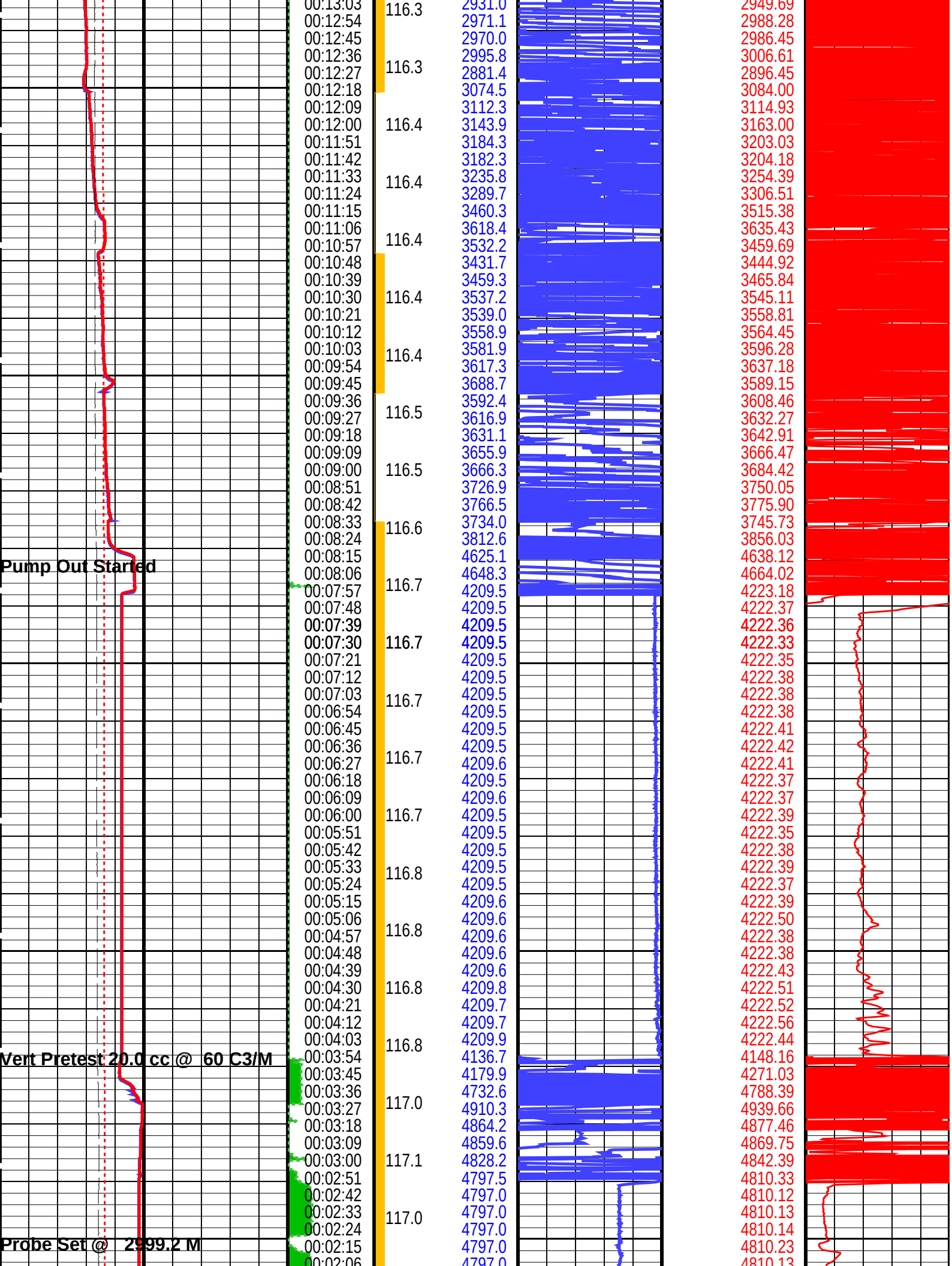

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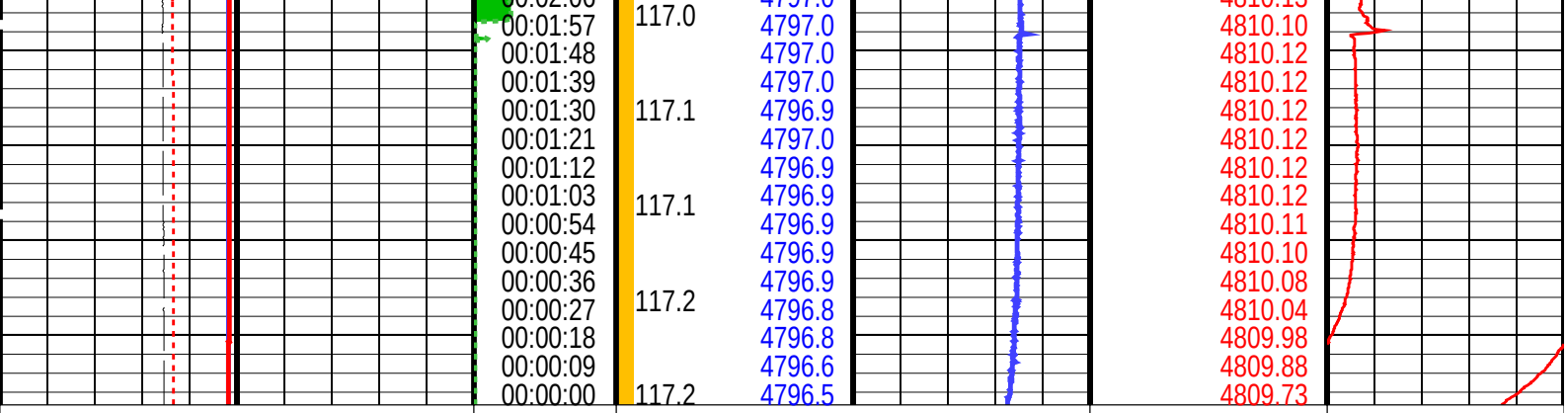
00:03:00	117.1	4828.2	4842.39
00:02:51		4797.5	4810.33
00:02:42		4797.0	4810.12
00:02:33	117.0	4797.0	4810.13
00:02:24		4797.0	4810.14
00:02:15		4797.0	4810.23
00:02:06		4797.0	4810.13



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:00

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_294LTP	FN:464	PRODUCER	02−Dec−2004 11:13	2999.2 M	11.0 M

Output DLIS Files

DEFAULT	MDT_OFA_086PTP	FN:85	PRODUCER	06−Dec−2004 13:00

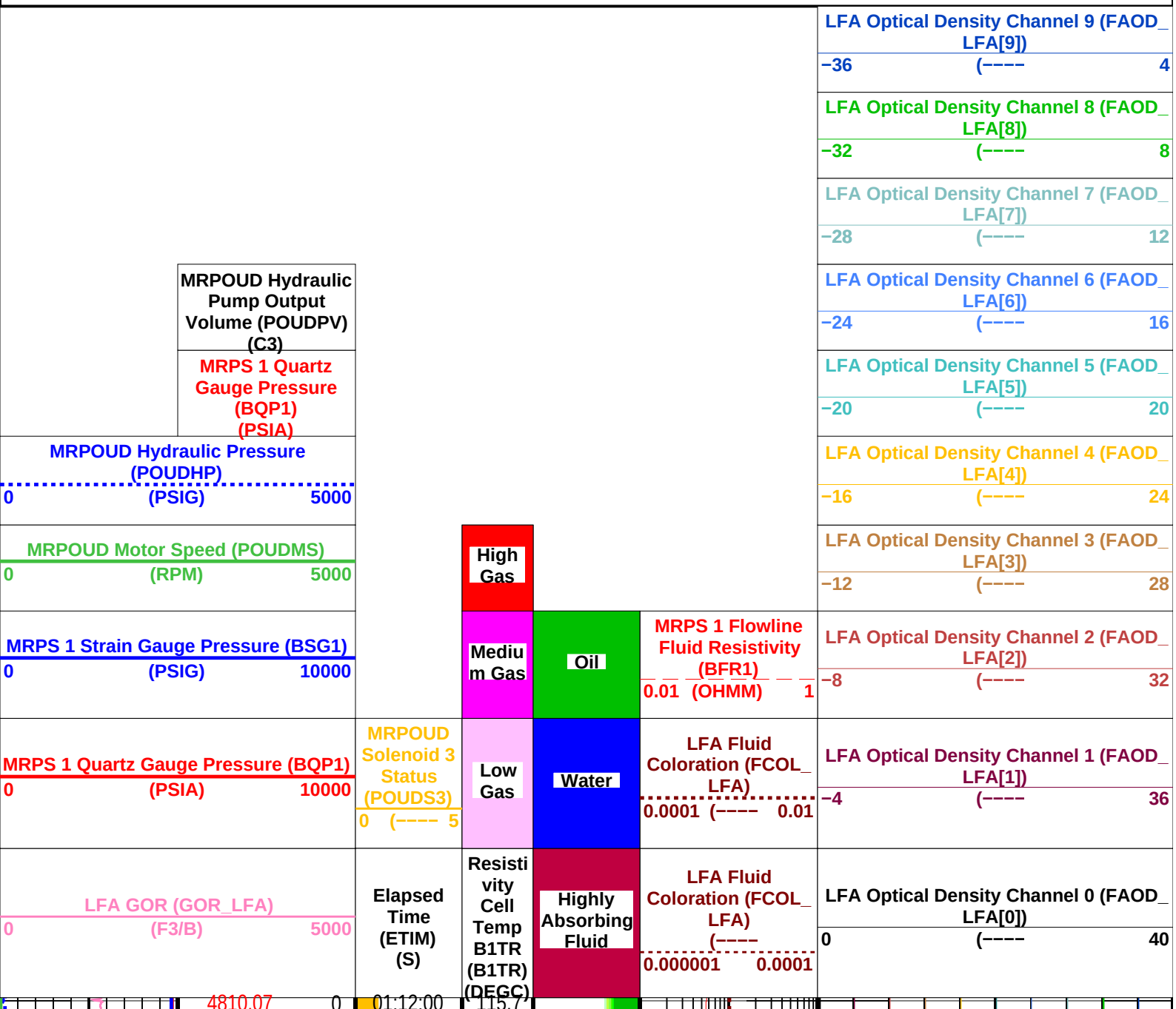
Input DLIS Files

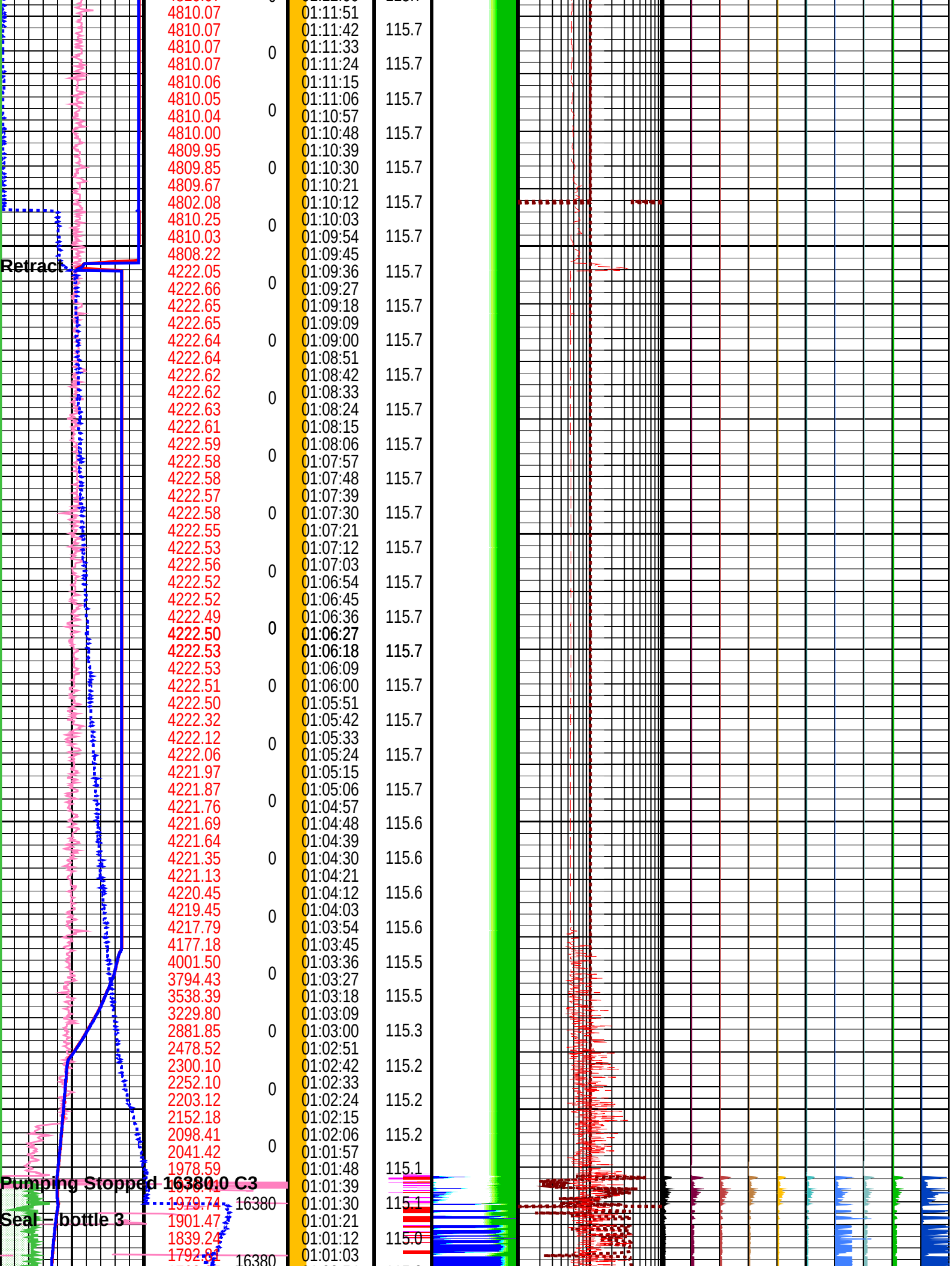
DEFAULT	MDT_OFA_294LTP	FN:464	PRODUCER	02−Dec−2004 11:13	2999.2 M	11.0 M

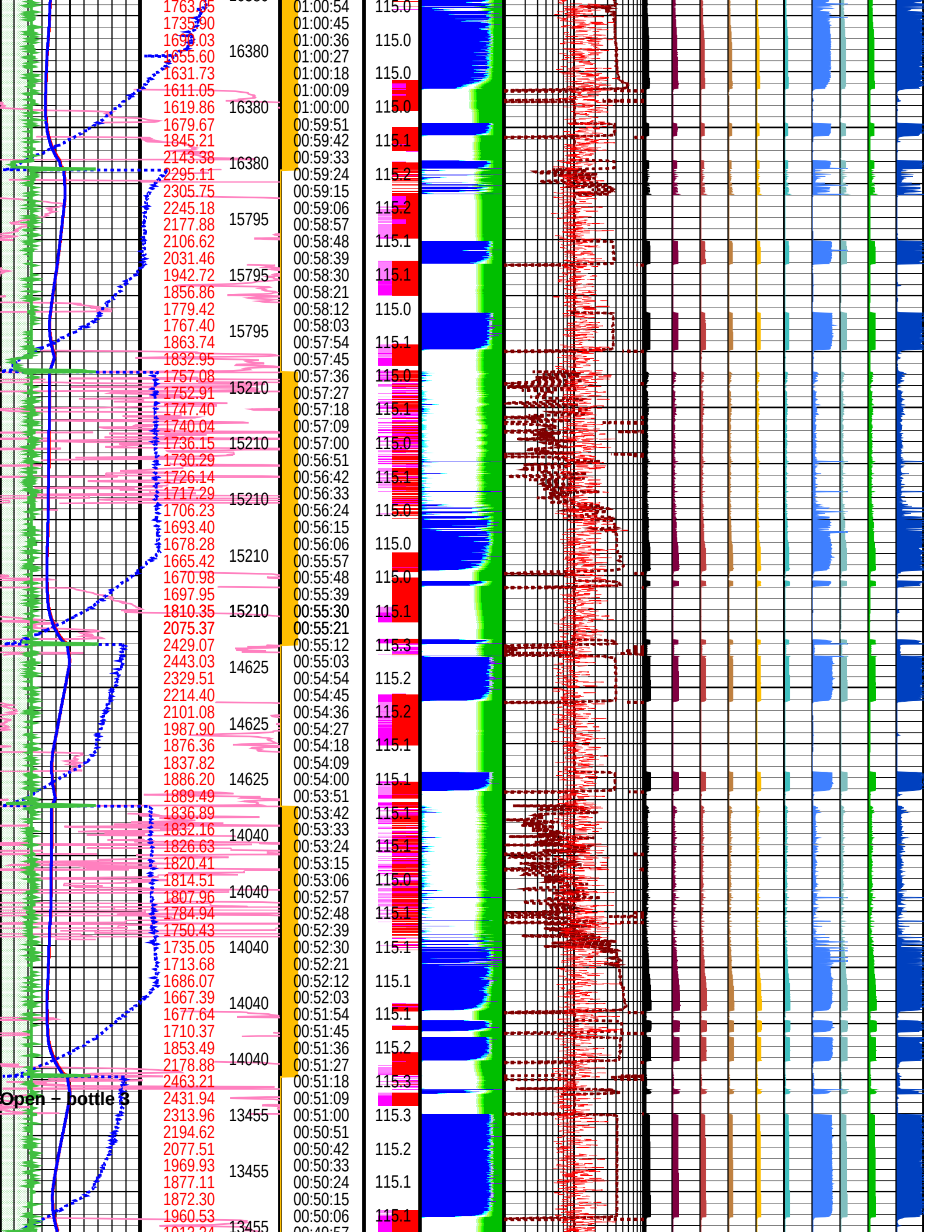
Output DLIS Files

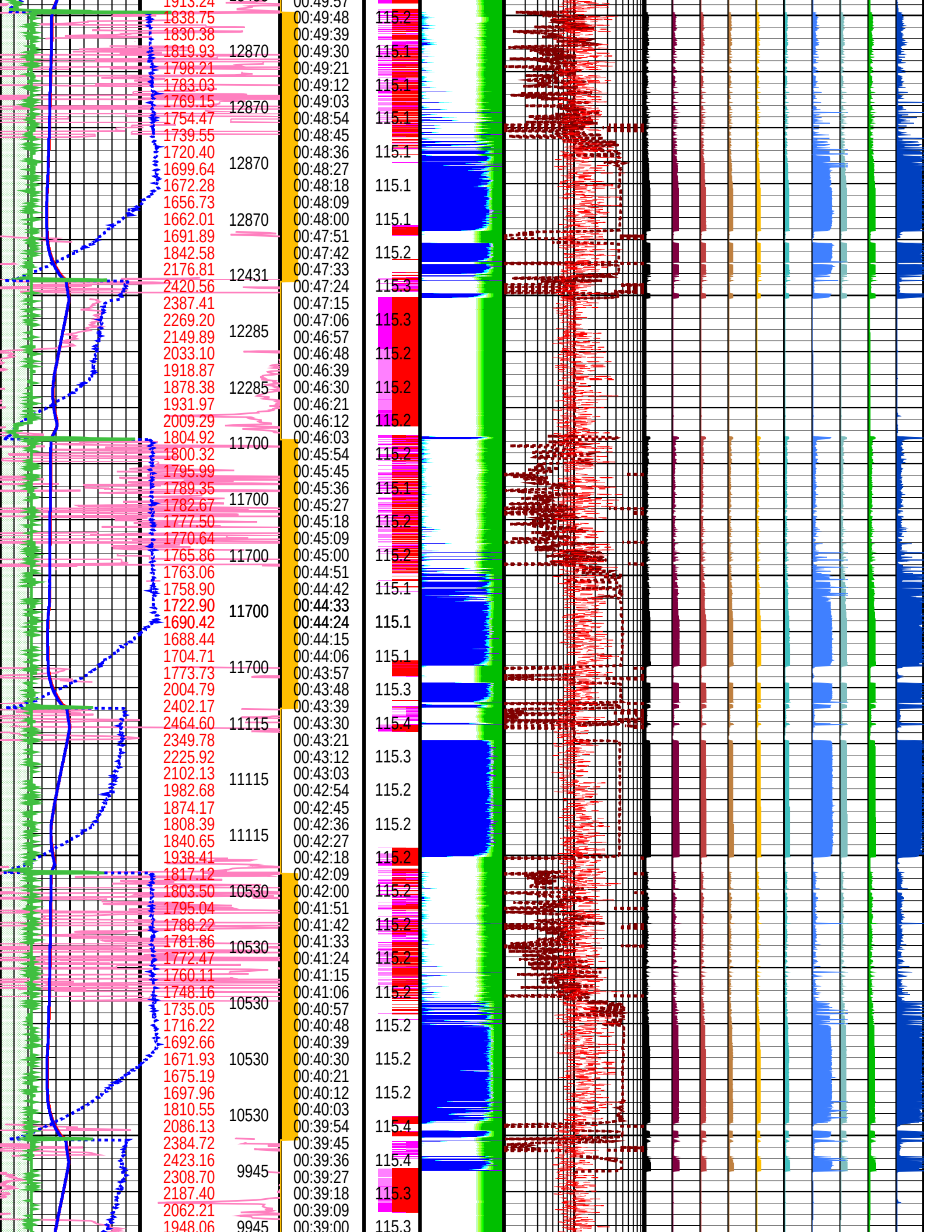
DEFAULT	MDT_OFA_086PTP	FN:85	PRODUCER	06−Dec−2004 13:00	2999.2 M	11.0 M

Elapsed Time (s)	Event Summary
4182.3	Retract Single Probe Module (MRPS) 1
3704.1	Pumping Stopped 16380.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3685.2	Seal Multi−Sample Module (MRMS) 1, bottle 3
3072.3	Open Multi−Sample Module (MRMS) 1, bottle 3, sample number = 4
493.2	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
207.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
139.8	Probe Set @ 2999.2 M Single Probe Module (MRPS) 1




Retract
Pumping Stopped 16380.0 C3
Seal – bottle 3


Open – bottle 3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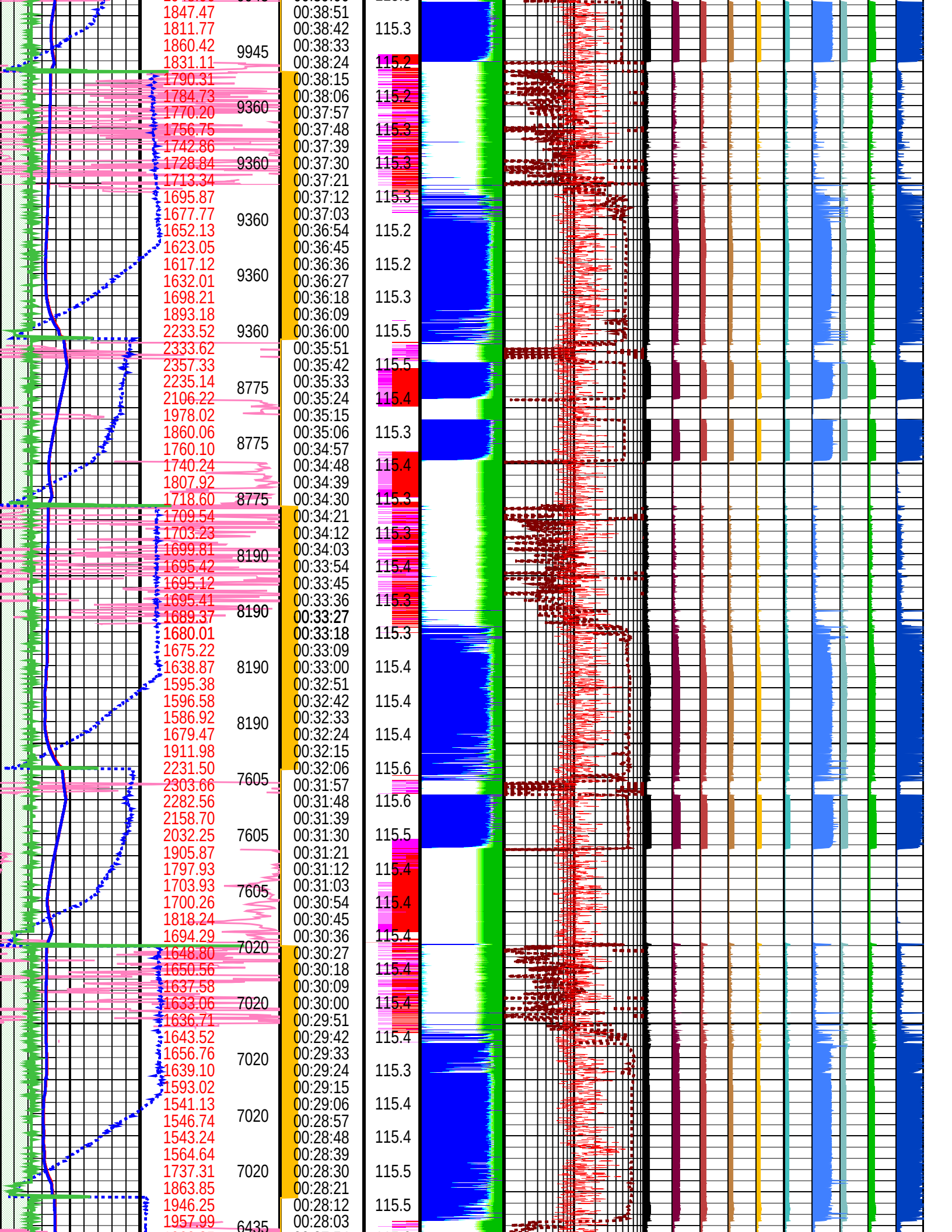
1838.75 00:49:48 115.2
1830.38 00:49:39
1819.93 12870 00:49:30 115.1
1798.21 00:49:21
1783.03 00:49:12 115.1
1769.15 12870 00:49:03
1754.47 00:48:54 115.1
1739.55 00:48:45
1720.40 00:48:36 115.1
1699.64 12870 00:48:27
1672.28 00:48:18 115.1
1656.73 00:48:09
1662.01 12870 00:48:00 115.1
1691.89 00:47:51
1842.58 00:47:42 115.2
2176.81 12431 00:47:33
2420.56 00:47:24 115.3
2387.41 00:47:15
2269.20 12285 00:47:06 115.3
2149.89 00:46:57
2033.10 00:46:48 115.2
1918.87 00:46:39
1878.38 12285 00:46:30 115.2
1931.97 00:46:21
2009.29 00:46:12 115.2
1804.92 11700 00:46:03
1800.32 00:45:54 115.2
1795.99 00:45:45
1789.35 11700 00:45:36 115.1
1782.67 00:45:27
1777.50 00:45:18 115.2
1770.64 00:45:09
1765.86 11700 00:45:00 115.2
1763.06 00:44:51
1758.90 00:44:42 115.1
1722.90 11700 00:44:33
1690.42 00:44:24 115.1
1688.44 00:44:15
1704.71 11700 00:44:06 115.1
1773.73 00:43:57
2004.79 00:43:48 115.3
2402.17 00:43:39
2464.60 11115 00:43:30 115.4
2349.78 00:43:21
2225.92 11115 00:43:12 115.3
2102.13 00:43:03
1982.68 00:42:54 115.2
1874.17 00:42:45
1808.39 11115 00:42:36 115.2
1840.65 00:42:27
1938.41 00:42:18 115.2
1817.12 00:42:09
1803.50 10530 00:42:00 115.2
1795.04 00:41:51
1788.22 00:41:42 115.2
1781.86 10530 00:41:33
1772.47 00:41:24 115.2
1760.11 00:41:15
1748.16 10530 00:41:06 115.2
1735.05 00:40:57
1716.22 00:40:48 115.2
1692.66 00:40:39
1671.93 10530 00:40:30 115.2
1675.19 00:40:21
1697.96 00:40:12 115.2
1810.55 10530 00:40:03
2086.13 00:39:54 115.4
2384.72 00:39:45
2423.16 9945 00:39:36 115.4
2308.70 00:39:27
2187.40 00:39:18 115.3
2062.21 00:39:09
1948.06 9945 00:39:00 115.3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1811.77 00:38:42
1860.42 9945 00:38:33
1831.11 00:38:24
1790.31 00:38:15
1784.73 00:38:06
1770.20 9360 00:37:57
1756.75 00:37:48
1742.86 00:37:39
1728.84 9360 00:37:30
1713.34 00:37:21
1695.87 00:37:12
1677.77 9360 00:37:03
1652.13 00:36:54
1623.05 00:36:45
1617.12 9360 00:36:36
1632.01 00:36:27
1698.21 00:36:18
1893.18 00:36:09
2233.52 9360 00:36:00
2333.62 00:35:51
2357.33 00:35:42
2235.14 8775 00:35:33
2106.22 00:35:24
1978.02 00:35:15
1860.06 8775 00:35:06
1760.10 00:34:57
1740.24 00:34:48
1807.92 00:34:39
1718.60 8775 00:34:30
1709.54 00:34:21
1703.23 00:34:12
1699.81 8190 00:34:03
1695.42 00:33:54
1695.12 00:33:45
1695.41 00:33:36
1689.37 8190 00:33:27
1680.01 00:33:18
1675.22 00:33:09
1638.87 8190 00:33:00
1595.38 00:32:51
1596.58 00:32:42
1586.92 8190 00:32:33
1679.47 00:32:24
1911.98 00:32:15
2231.50 00:32:06
2303.66 7605 00:31:57
2282.56 00:31:48
2158.70 00:31:39
2032.25 7605 00:31:30
1905.87 00:31:21
1797.93 00:31:12
1703.93 7605 00:31:03
1700.26 00:30:54
1818.24 00:30:45
1694.29 00:30:36
1648.80 7020 00:30:27
1650.56 00:30:18
1637.58 00:30:09
1633.06 7020 00:30:00
1636.71 00:29:51
1643.52 00:29:42
1656.76 7020 00:29:33
1639.10 00:29:24
1593.02 00:29:15
1541.13 00:29:06
1546.74 7020 00:28:57
1543.24 00:28:48
1564.64 00:28:39
1737.31 7020 00:28:30
1863.85 00:28:21
1946.25 00:28:12
1957.99 6435 00:28:03
115.3
115.2
115.2
115.3
115.3
115.3
115.2
115.2
115.3
115.5
115.5
115.4
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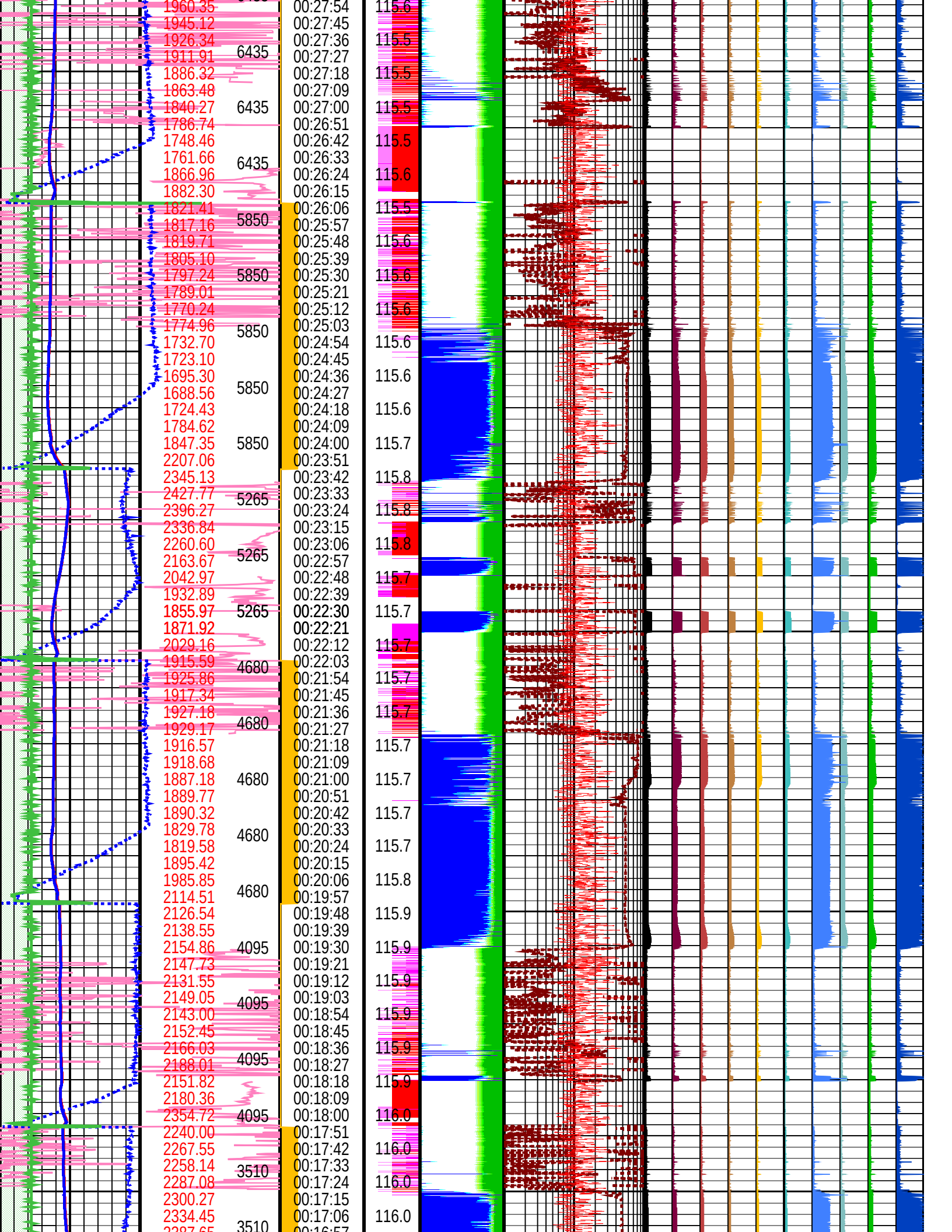
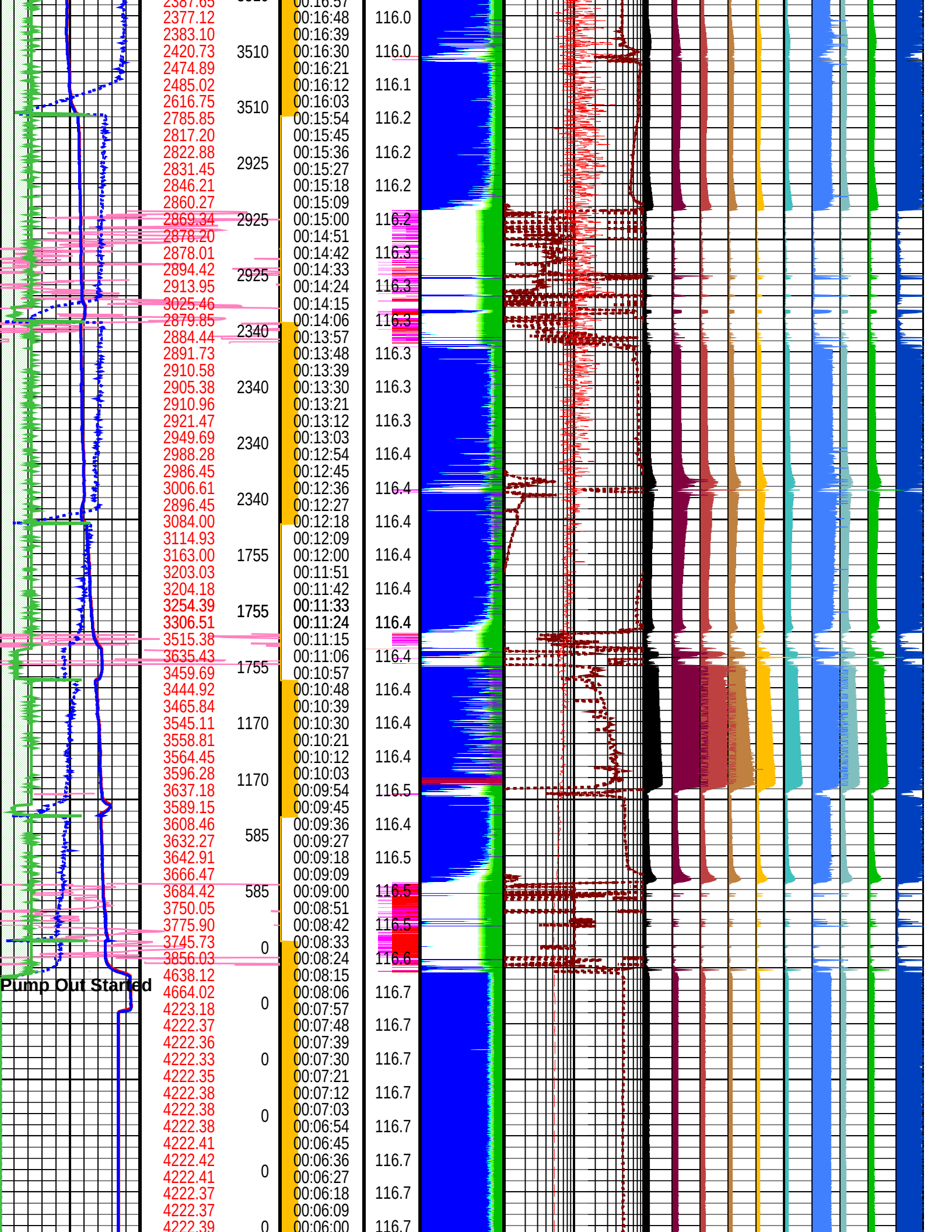
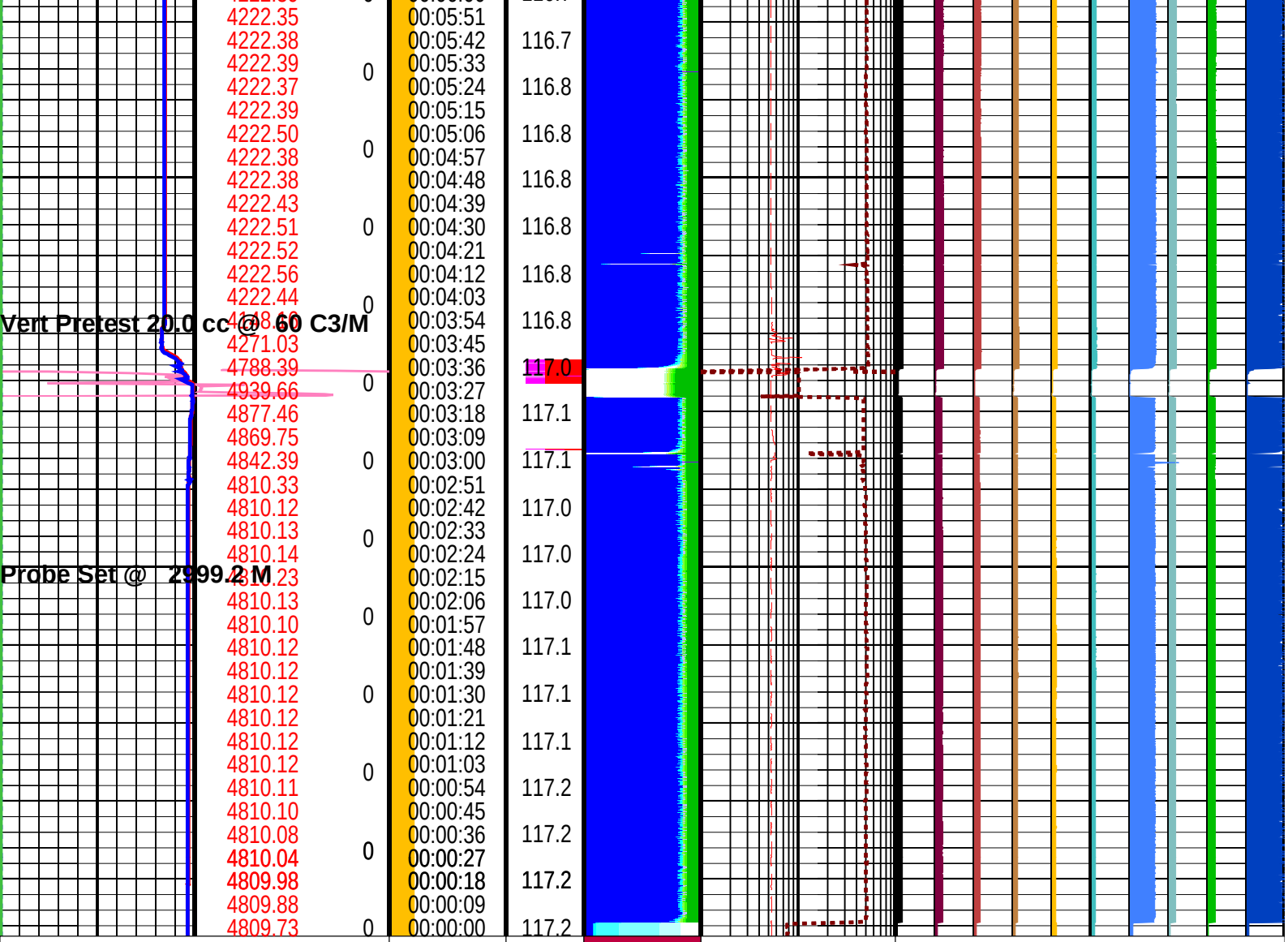
115.4
115.4
115.5
115.5


1960.35 00:27:54 115.6
1945.12 00:27:45
1926.34 00:27:36 115.5
1911.91 6435 00:27:27
1886.32 00:27:18 115.5
1863.48 00:27:09
1840.27 6435 00:27:00 115.5
1786.74 00:26:51
1748.46 00:26:42 115.5
1761.66 6435 00:26:33
1866.96 00:26:24 115.6
1882.30 00:26:15
1821.41 00:26:06 115.5
1817.16 5850 00:25:57
1819.71 00:25:48 115.6
1805.10 00:25:39
1797.24 5850 00:25:30 115.6
1789.01 00:25:21
1770.24 00:25:12 115.6
1774.96 5850 00:25:03
1732.70 00:24:54 115.6
1723.10 00:24:45
1695.30 00:24:36 115.6
1688.56 5850 00:24:27
1724.43 00:24:18 115.6
1784.62 00:24:09
1847.35 5850 00:24:00 115.7
2207.06 00:23:51
2345.13 00:23:42 115.8
2427.77 5265 00:23:33
2396.27 00:23:24 115.8
2336.84 00:23:15
2260.60 00:23:06 115.8
2163.67 5265 00:22:57
2042.97 00:22:48 115.7
1932.89 00:22:39
1855.97 5265 00:22:30 115.7
1871.92 00:22:21
2029.16 00:22:12 115.7
1915.59 4680 00:22:03
1925.86 00:21:54 115.7
1917.34 00:21:45
1927.18 00:21:36 115.7
1929.17 4680 00:21:27
1916.57 00:21:18 115.7
1918.68 00:21:09
1887.18 4680 00:21:00 115.7
1889.77 00:20:51
1890.32 00:20:42 115.7
1829.78 4680 00:20:33
1819.58 00:20:24 115.7
1895.42 00:20:15
1985.85 00:20:06 115.8
2114.51 4680 00:19:57
2126.54 00:19:48 115.9
2138.55 00:19:39
2154.86 4095 00:19:30 115.9
2147.73 00:19:21
2131.55 00:19:12 115.9
2149.05 4095 00:19:03
2143.00 00:18:54 115.9
2152.45 00:18:45
2166.03 00:18:36 115.9
2188.01 4095 00:18:27
2151.82 00:18:18 115.9
2180.36 00:18:09
2354.72 4095 00:18:00 116.0
2240.00 00:17:51
2267.55 00:17:42 116.0
2258.14 3510 00:17:33
2287.08 00:17:24 116.0
2300.27 00:17:15
2334.45 3510 00:17:06 116.0


Pump Out Started



LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPOUD Hydraulic Pump Output Volume (POUDPV)

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Low Gas

Medium Gas

High Gas

Highly Absorbing Fluid

Water

Oil

LFA Fluid Coloration (FCOL_LFA)
(----
0.000001 0.0001

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])
-24 (---- 16

Volume (FAOD_V) (C3)

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (−−−− 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (−−−− 8

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (−−−− 4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 13:00

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_294LTP	FN:464	PRODUCER	02−Dec−2004 11:13	2999.2 M	11.0 M

Output DLIS Files

DEFAULT	MDT_OFA_086PTP	FN:85	PRODUCER	06−Dec−2004 13:00

Schlumberger

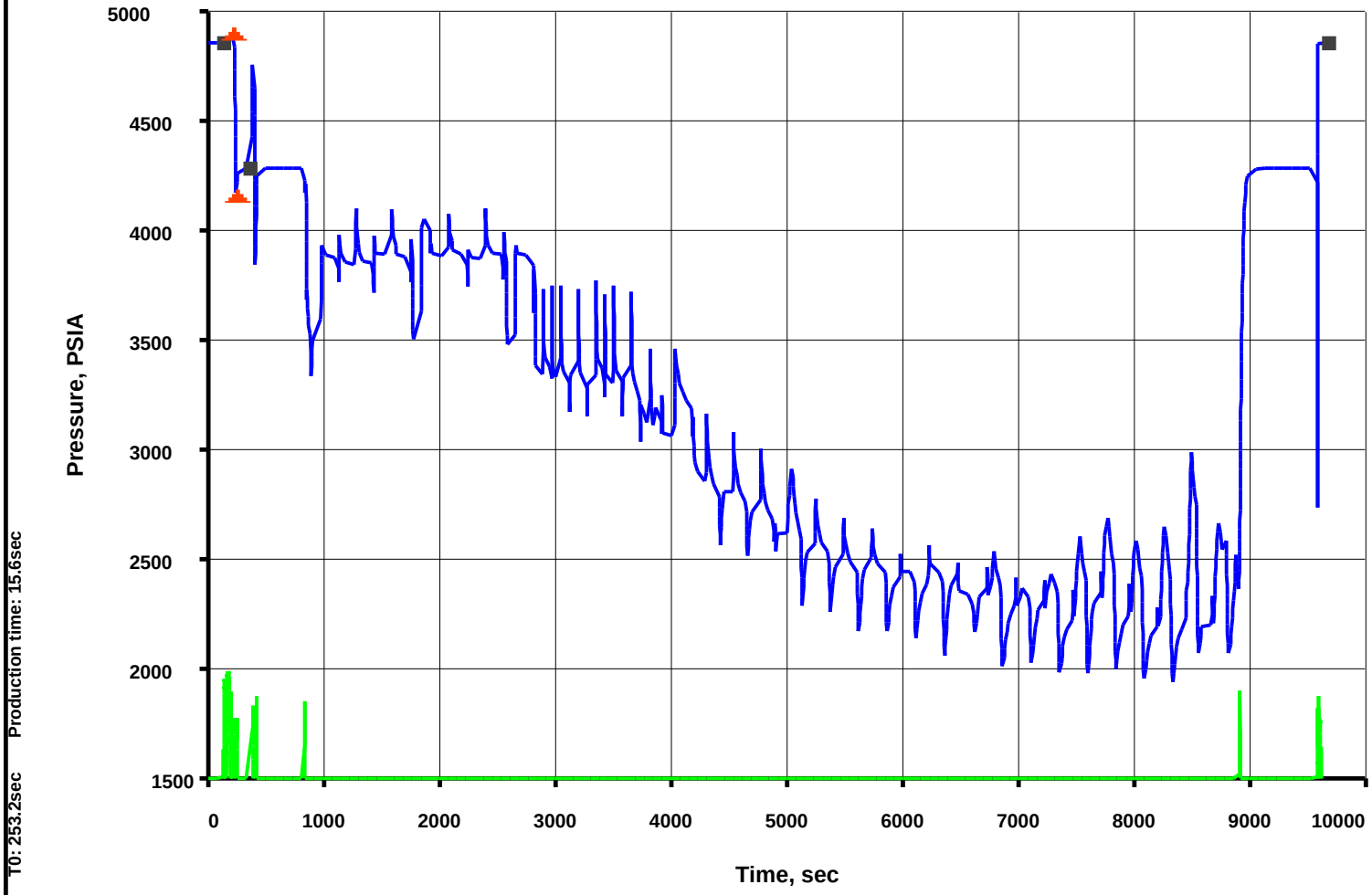
Sample @ 3028.0 mMD

MAXIS Field Log

File 292 Depth, M: 3027.97 Normal Pretest − Large−Diameter probe

Mud Pressure before test, PSIA: 4857.5

Mud Pressure after test, PSIA: 4856.42
Last build−up pressure, PSIA: 4286.1
Draw−down mobility, md/cp: 24.5



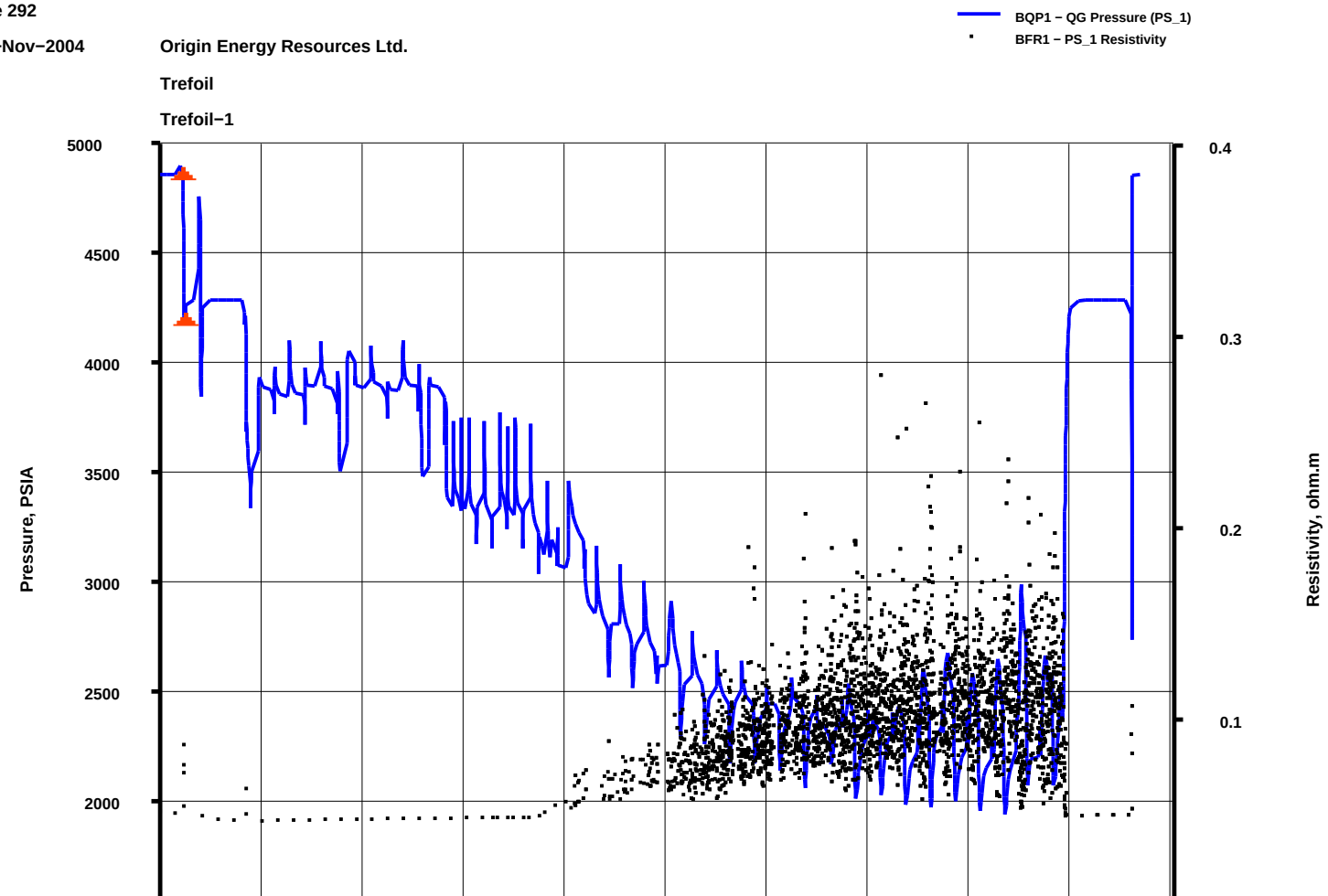
Pretest Volume: 20.0cc − MRPS_1− BQP1 Resolution: 0.010psi

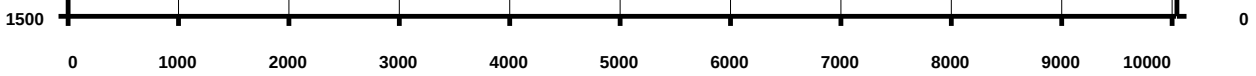
File 292

25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1





Start of Test Time: 225.9 sec

Start of Build−up Time: 253.8 sec

Reference pressure st start of build−up (BQP1) 4917.7 PSIA.

Time, seconds

Input DLIS Files

DEFAULT	MDT_OFA_292LTP	FN:460	PRODUCER	02−Dec−2004 11:12	3028.0 M	24.7 M

Output DLIS Files

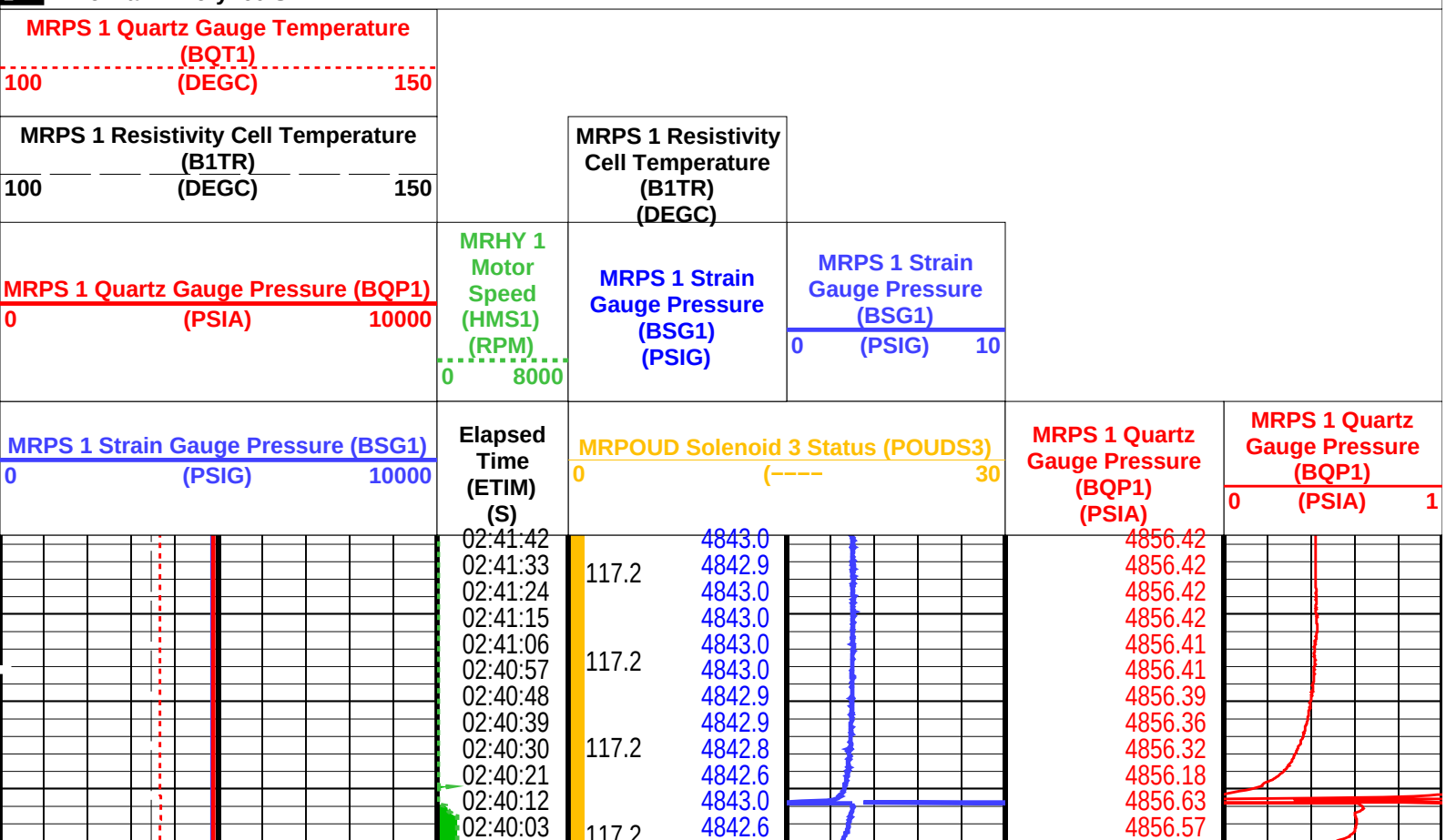
DEFAULT	MDT_OFA_085PTP	FN:84	PRODUCER	06−Dec−2004 12:56	3028.0 M	24.7 M

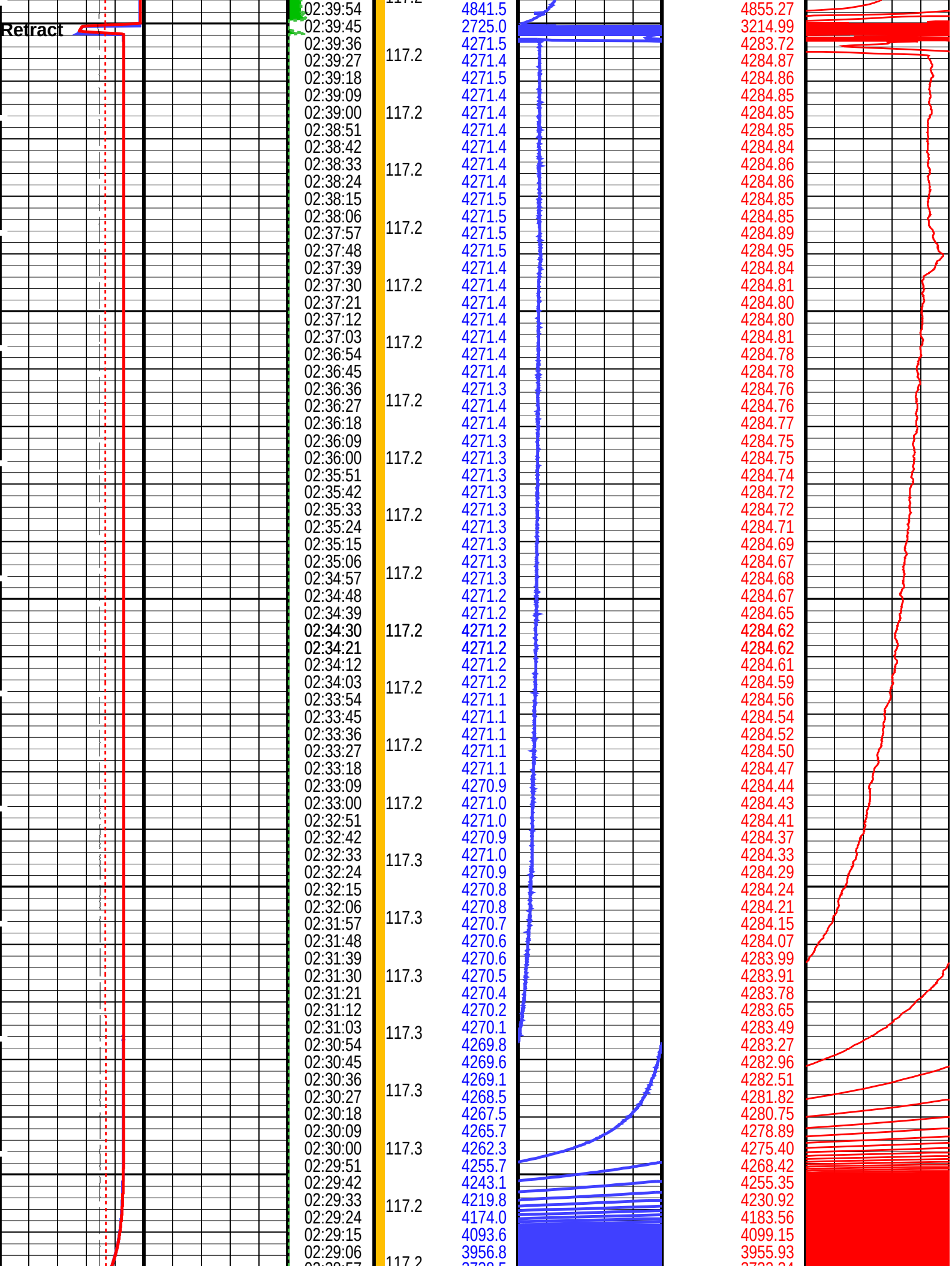
Event Summary

Elapsed Time (s)	Event Summary
9586.8	Retract Single Probe Module (MRPS) 1
8904.9	Pumping Stopped 40365.0 C3 Dual Up−down Pumpout Module (MRPOUD)
8874.3	Seal Multi−Sample Module (MRMS) 1, bottle 2
8546.7	Open Multi−Sample Module (MRMS) 1, bottle 2, sample number = 3
847.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
407.7	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
399.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
225.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
156.9	Probe Set @ 3028.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





02:39:54		4841.5	4855.27
02:39:45		2725.0	3214.99
02:39:36		4271.5	4283.72
02:39:27	117.2	4271.4	4284.87
02:39:18		4271.5	4284.86
02:39:09		4271.4	4284.85
02:39:00	117.2	4271.4	4284.85
02:38:51		4271.4	4284.85
02:38:42		4271.4	4284.84
02:38:33	117.2	4271.4	4284.86
02:38:24		4271.4	4284.86
02:38:15		4271.5	4284.85
02:38:06		4271.5	4284.85
02:37:57	117.2	4271.5	4284.89
02:37:48		4271.5	4284.95
02:37:39		4271.4	4284.84
02:37:30	117.2	4271.4	4284.81
02:37:21		4271.4	4284.80
02:37:12		4271.4	4284.80
02:37:03	117.2	4271.4	4284.81
02:36:54		4271.4	4284.78
02:36:45		4271.4	4284.78
02:36:36		4271.3	4284.76
02:36:27	117.2	4271.4	4284.76
02:36:18		4271.4	4284.77
02:36:09		4271.3	4284.75
02:36:00	117.2	4271.3	4284.75
02:35:51		4271.3	4284.74
02:35:42		4271.3	4284.72
02:35:33	117.2	4271.3	4284.72
02:35:24		4271.3	4284.71
02:35:15		4271.3	4284.69
02:35:06		4271.3	4284.67
02:34:57	117.2	4271.3	4284.68
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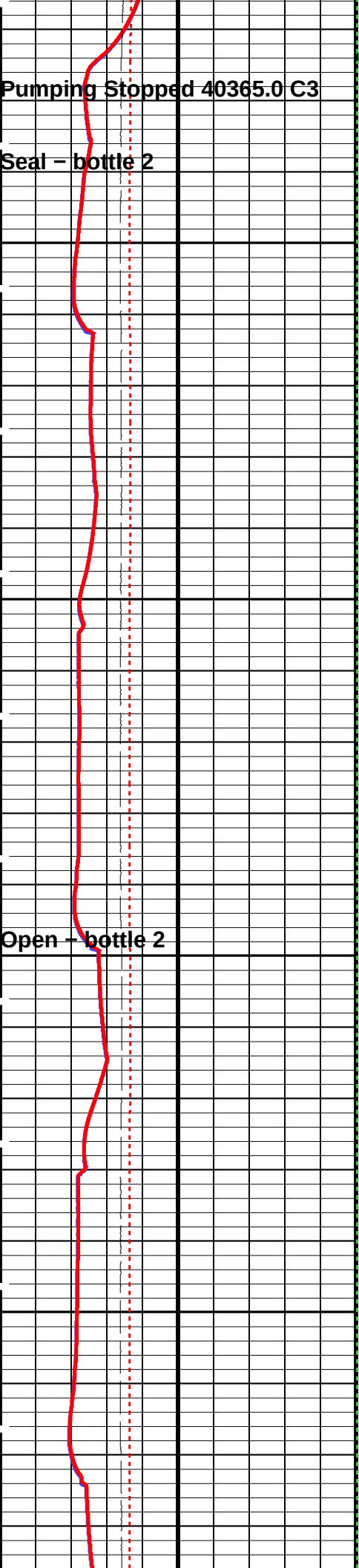

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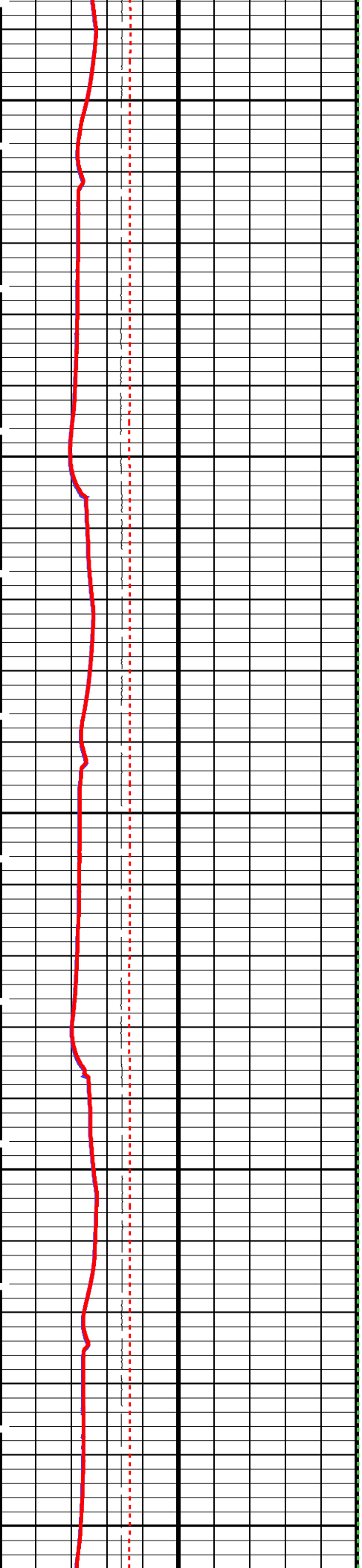

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02:14:06		2453.9	2469.28
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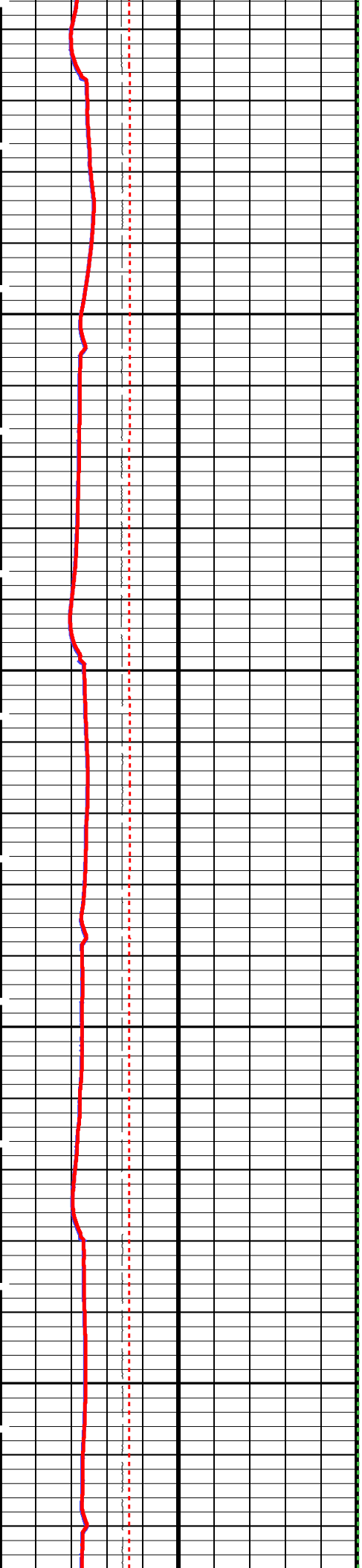

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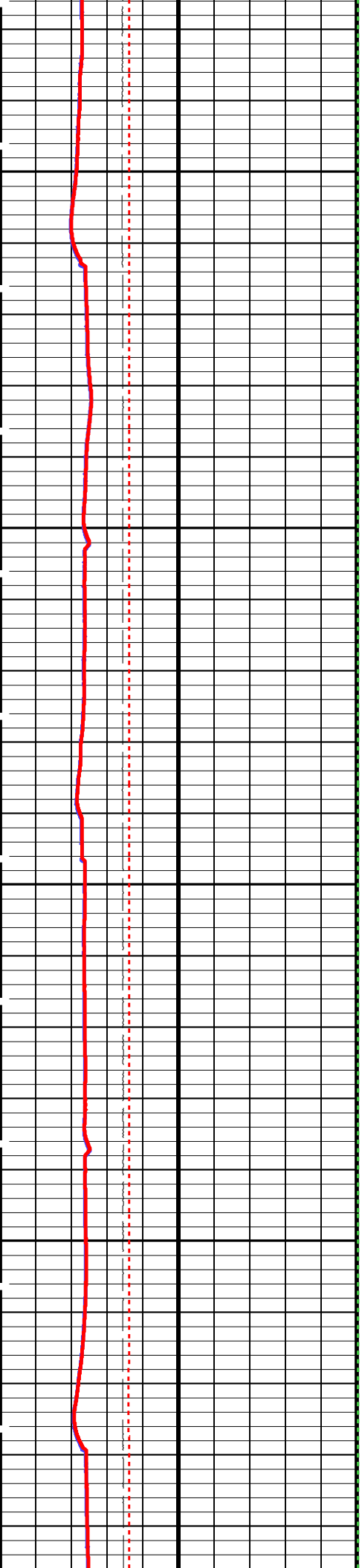

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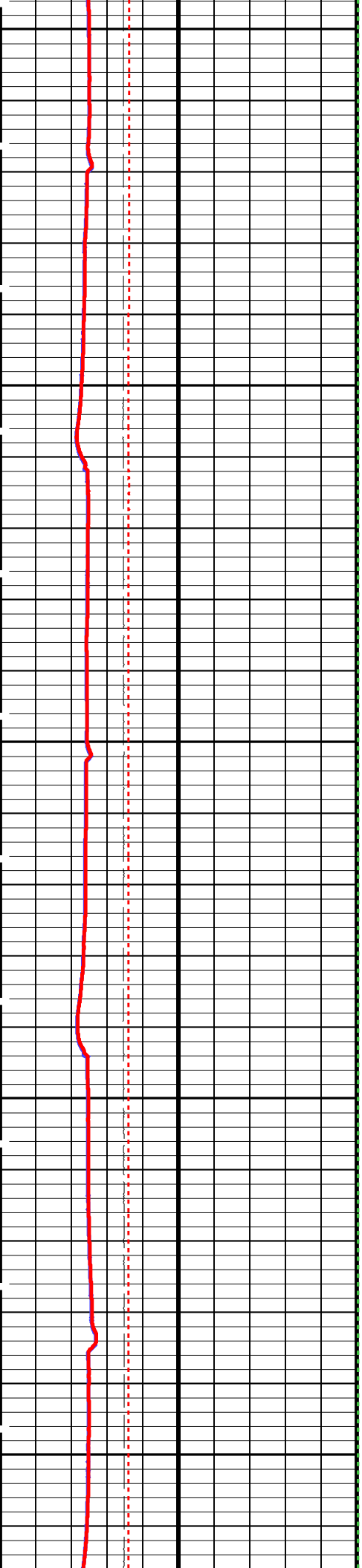

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01:35:33	117.3	2480.0	2466.74
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01:35:06		2462.8	2474.94
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01:34:39		2441.9	2458.81
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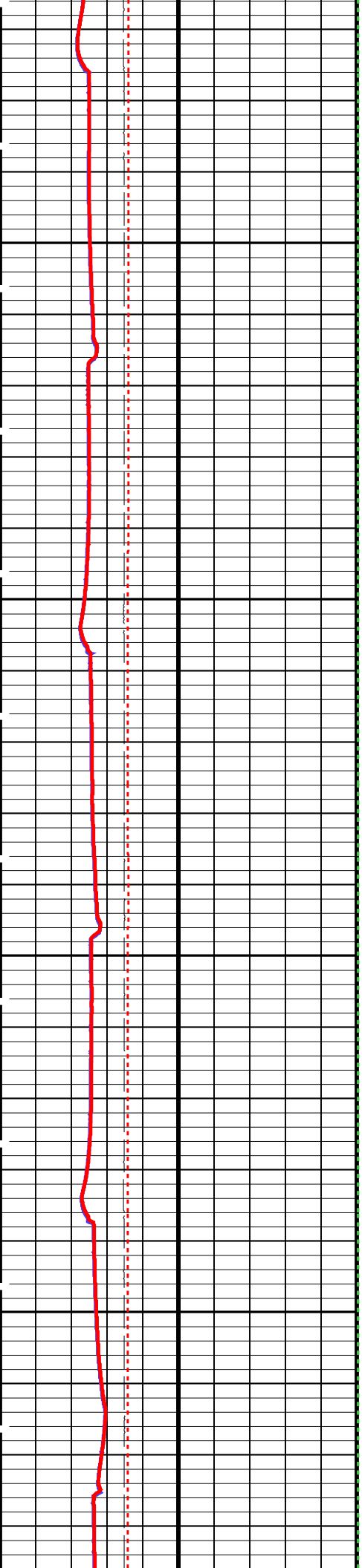

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01:26:06		2502.6	2512.69
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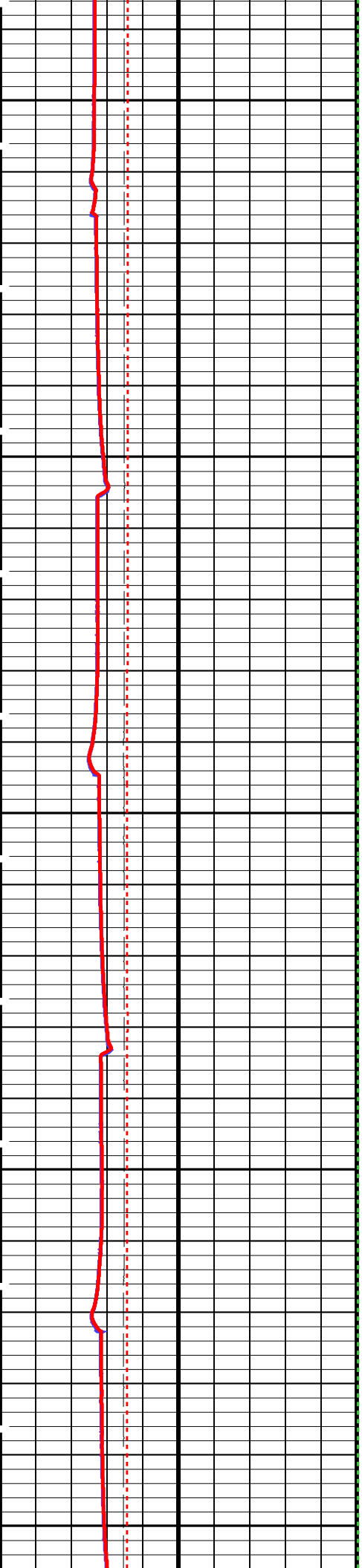

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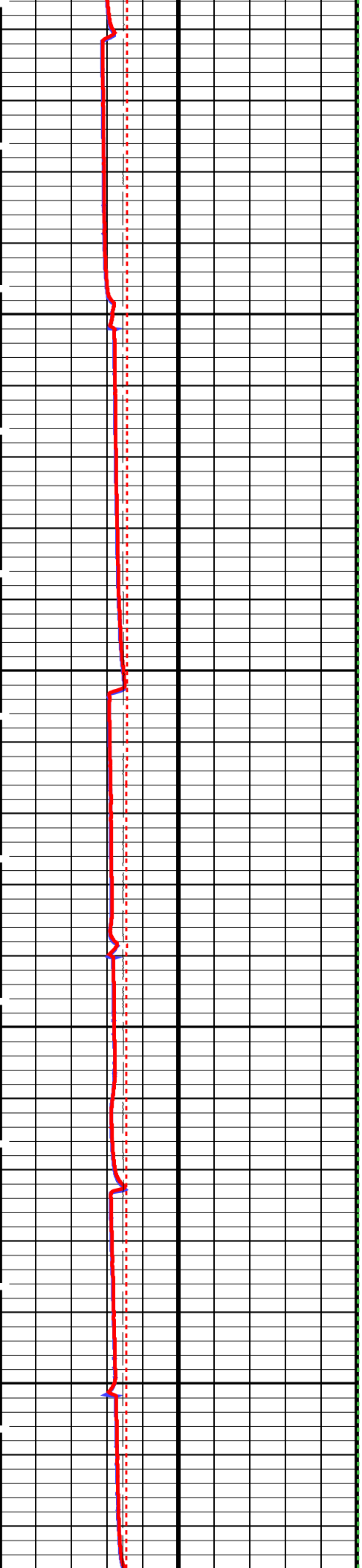

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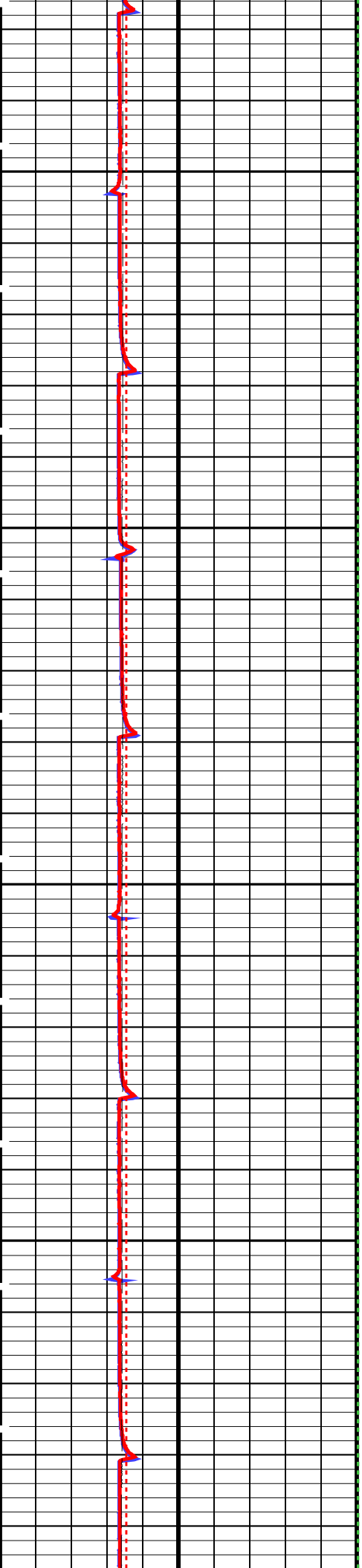

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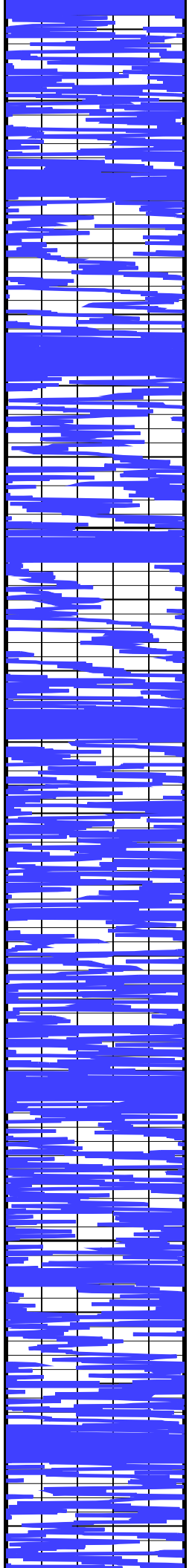

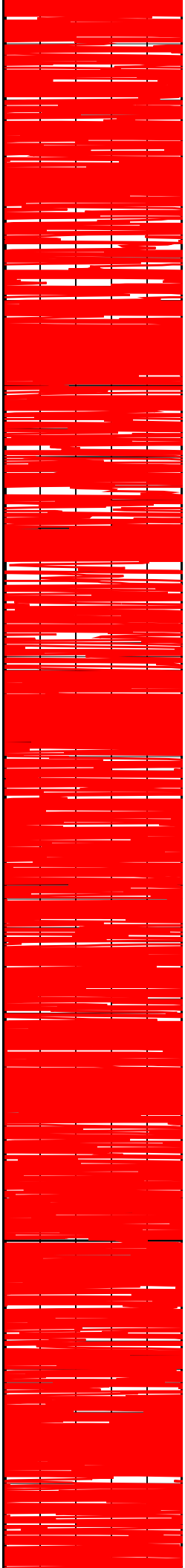

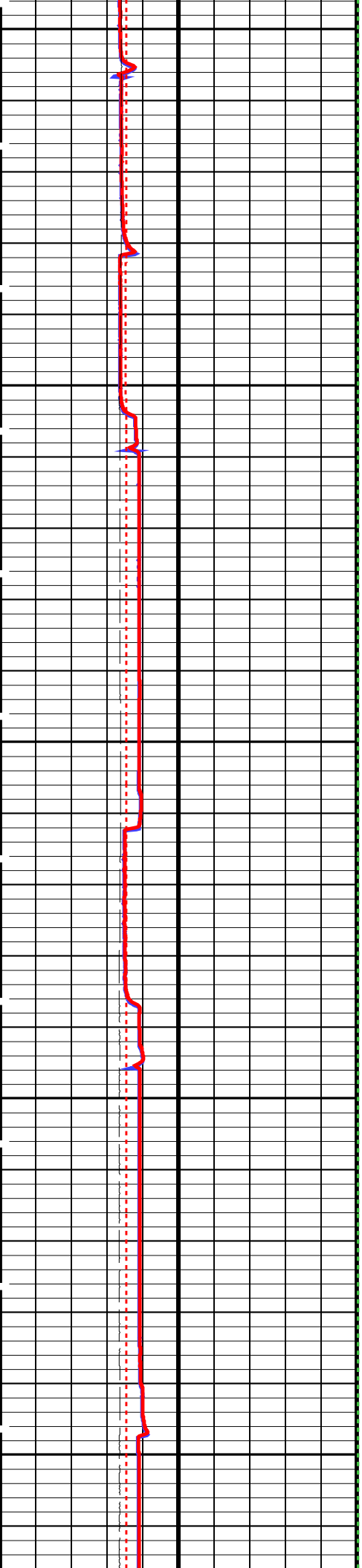

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00:39:27	116.6	3860.0	3873.42
00:39:18		3860.4	3873.97
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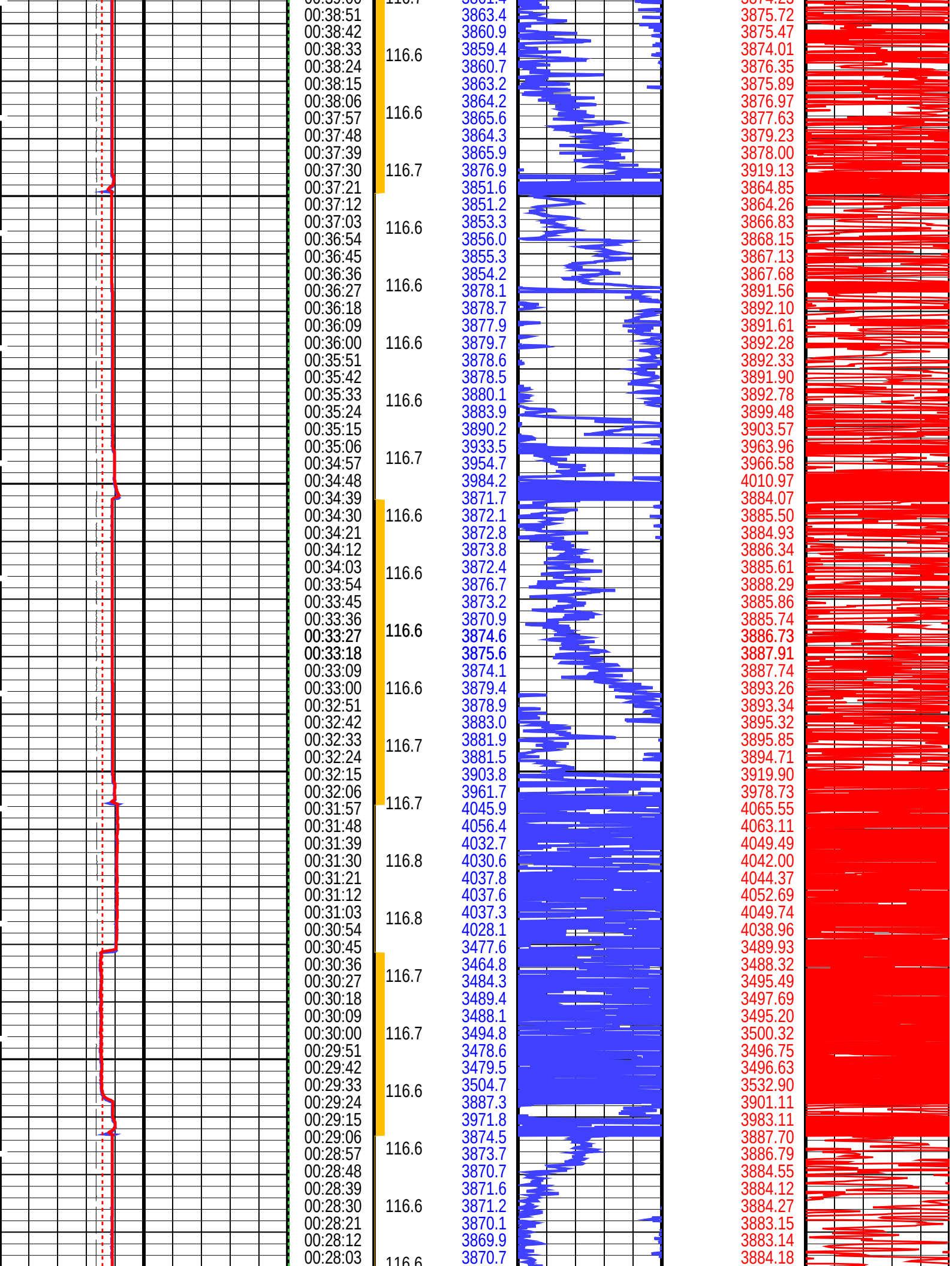

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00:37:48		3864.3	3879.23
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00:37:30	116.7	3876.9	3919.13
00:37:21		3851.6	3864.85
00:37:12		3851.2	3864.26
00:37:03	116.6	3853.3	3866.83
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00:36:45		3855.3	3867.13
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00:36:27	116.6	3878.1	3891.56
00:36:18		3878.7	3892.10
00:36:09		3877.9	3891.61
00:36:00	116.6	3879.7	3892.28
00:35:51		3878.6	3892.33
00:35:42		3878.5	3891.90
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00:33:18		3875.6	3887.91
00:33:09		3874.1	3887.74
00:33:00	116.6	3879.4	3893.26
00:32:51		3878.9	3893.34
00:32:42		3883.0	3895.32
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00:32:24		3881.5	3894.71
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00:28:21		3870.1	3883.15
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00:28:03	116.6	3870.7	3884.18

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00:27:18		3876.5	3889.39
00:27:09		3876.7	3891.65
00:27:00	116.6	3941.1	3952.77
00:26:51		3942.7	3954.87
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00:25:12		3869.5	3883.16
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00:21:36		3962.0	3978.63
00:21:27	116.7	3978.4	3995.25
00:21:18		3842.0	3856.30
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00:21:00	116.7	3833.3	3844.58
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00:19:39		3871.2	3885.77
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00:19:21		3883.8	3896.50
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00:18:45		3866.5	3879.32
00:18:36		3865.5	3878.52
00:18:27	116.7	3865.3	3878.90
00:18:18		3865.1	3877.77
00:18:09		3863.8	3876.52
00:18:00	116.7	3861.8	3874.39
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00:17:24		3860.9	3873.83
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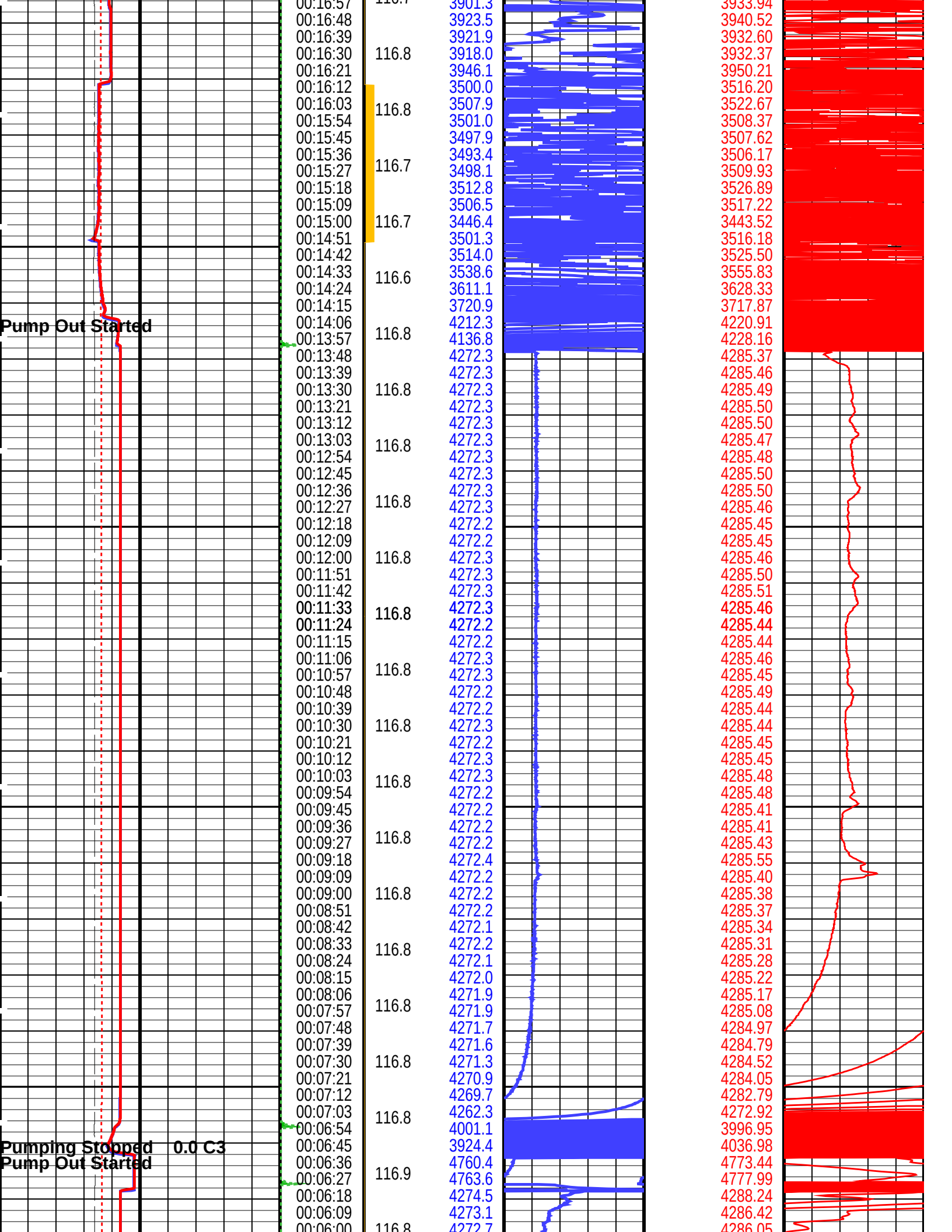
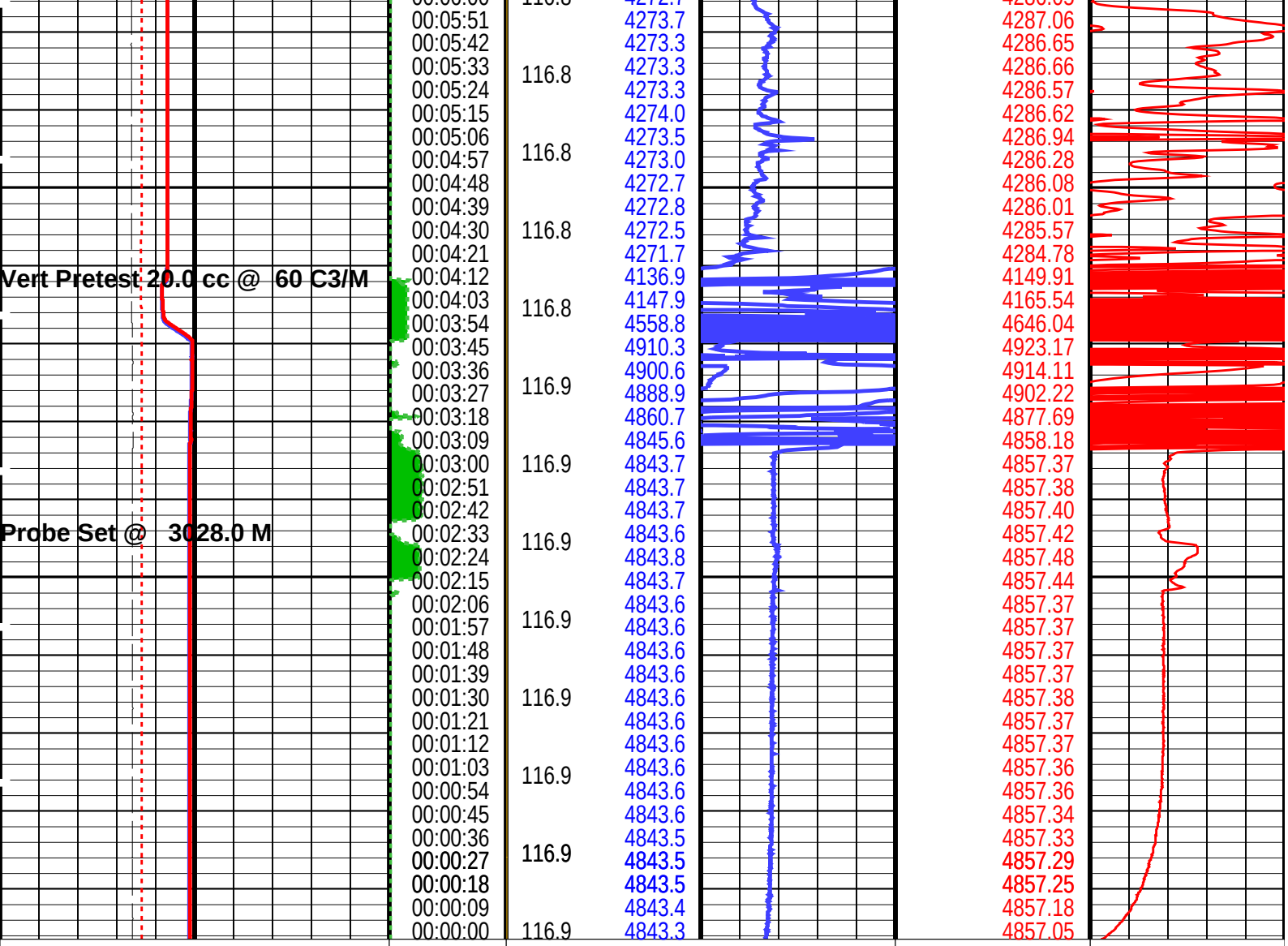
00:17:06		3861.5	3874.52
00:16:57	116.7	3861.3	[illegible]


Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started



Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPS_QA: Power Cartridge		

	MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M	
	System and Miscellaneous			
PP	Playback Processing	RECOMPUTE		

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:56

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_292LTP	FN:460	PRODUCER	02−Dec−2004 11:12	3028.0 M	24.7 M

Output DLIS Files

DEFAULT	MDT_OFA_085PTP	FN:84	PRODUCER	06−Dec−2004 12:56

Input DLIS Files

DEFAULT	MDT_OFA_292LTP	FN:460	PRODUCER	02−Dec−2004 11:12	3028.0 M	24.7 M

Output DLIS Files

DEFAULT	MDT_OFA_085PTP	FN:84	PRODUCER	06−Dec−2004 12:56	3028.0 M	24.7 M

Elapsed Time (s)	Event Summary
9586.8	Retract Single Probe Module (MRPS) 1
8904.9	Pumping Stopped 40365.0 C3 Dual Up−down Pumpout Module (MRPOUD)
8874.3	Seal Multi−Sample Module (MRMS) 1, bottle 2
8546.7	Open Multi−Sample Module (MRMS) 1, bottle 2, sample number = 3
847.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
407.7	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
399.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
225.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
156.9	Probe Set @ 3028.0 M Single Probe Module (MRPS) 1

LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4
LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8
LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12
LFA Optical Density Channel 6 (FAOD_LFA[6])		
−24	(−−−−	16
LFA Optical Density Channel 5 (FAOD_LFA[5])		

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

MRPS 1 Quartz Gauge Pressure

(BQP1)
(PSIA)

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Elapsed Time (ETIM) (S)

High Gas

Medium Gas

Low Gas

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Oil

Water

Highly Absorbing Fluid

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA)
(----
0.000001 0.0001

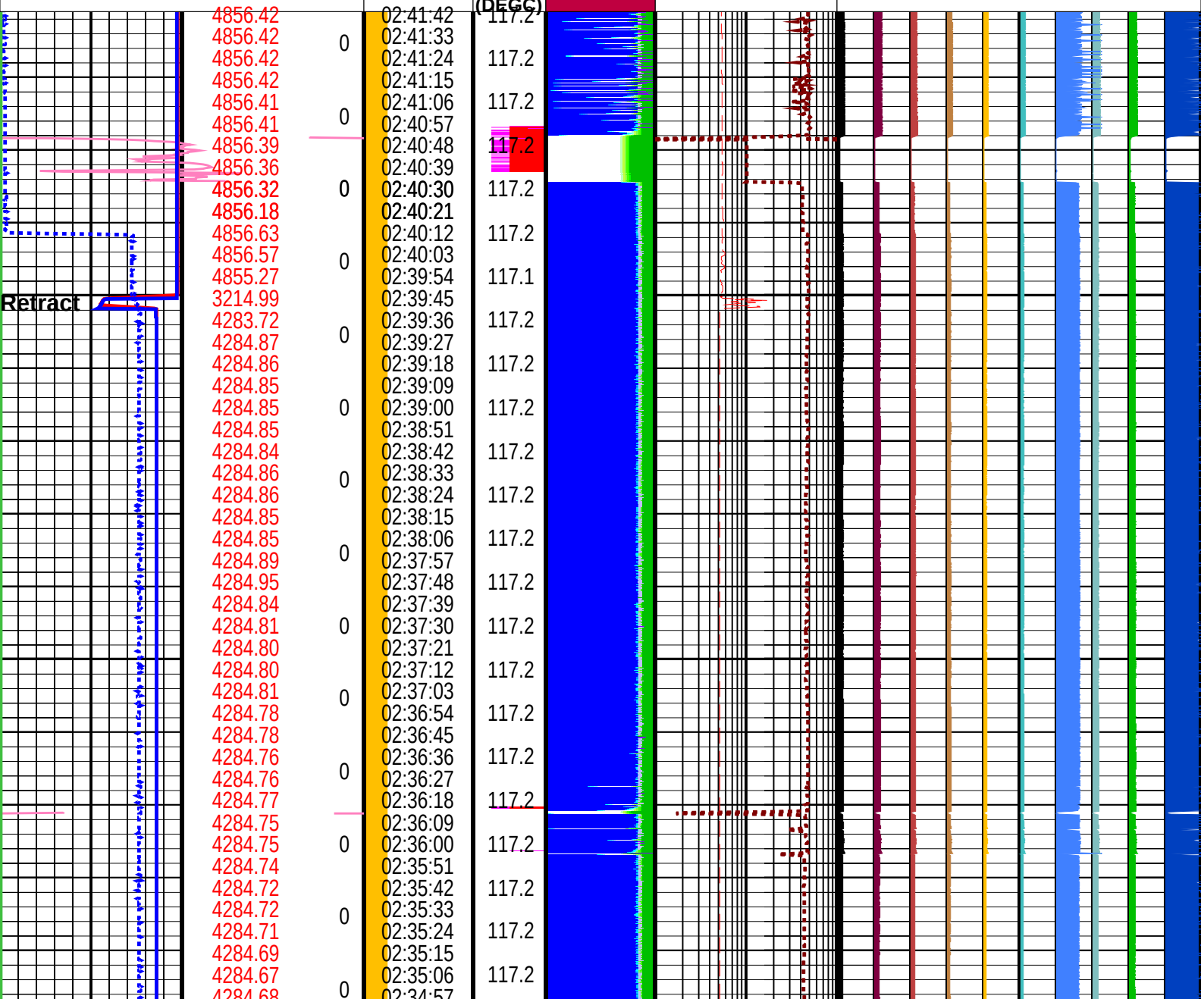
LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

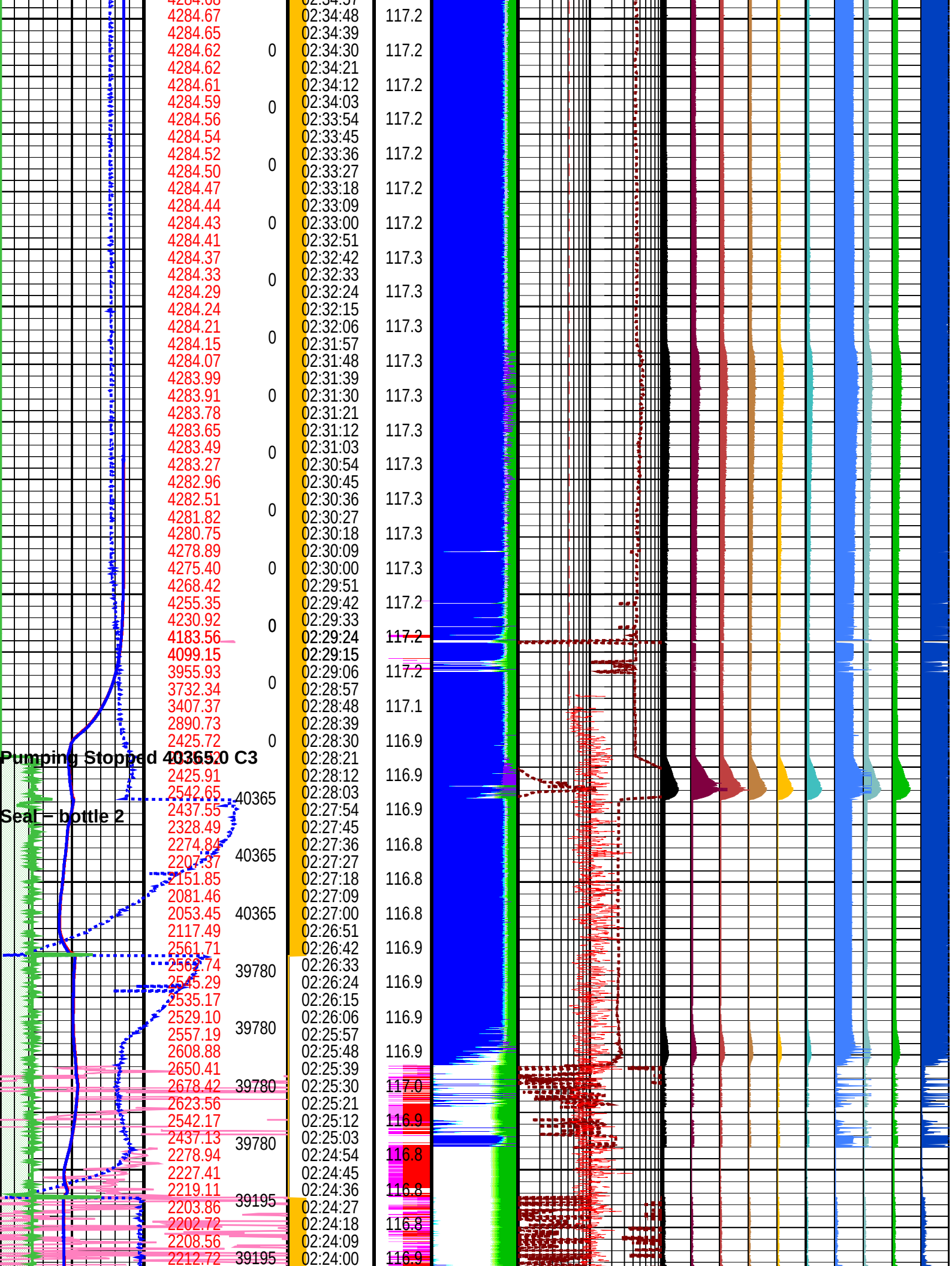
LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

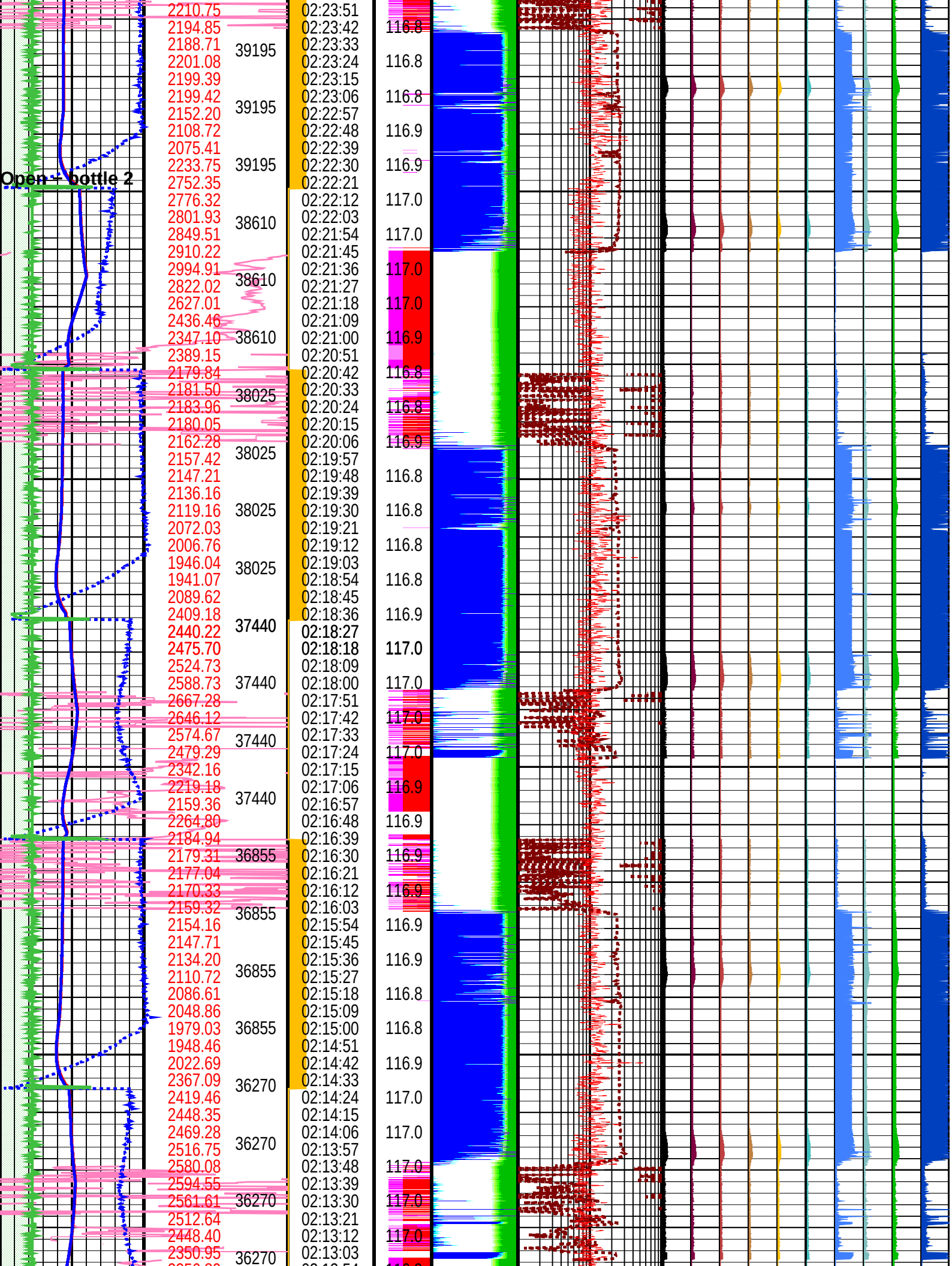
LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40




Pumping Stopped 40365.0 C3
Seal − bottle 2


Open - bottle 2
2210.75 02:23:51
2194.85 02:23:42 116.8
2188.71 39195 02:23:33
2201.08 02:23:24 116.8
2199.39 02:23:15
2199.42 39195 02:23:06 116.8
2152.20 02:22:57
2108.72 02:22:48 116.9
2075.41 02:22:39
2233.75 39195 02:22:30 116.9
2752.35 02:22:21
2776.32 02:22:12 117.0
2801.93 38610 02:22:03
2849.51 02:21:54 117.0
2910.22 02:21:45
2994.91 38610 02:21:36 117.0
2822.02 02:21:27
2627.01 02:21:18 117.0
2436.46 02:21:09
2347.10 38610 02:21:00 116.9
2389.15 02:20:51
2179.84 02:20:42 116.8
2181.50 38025 02:20:33
2183.96 02:20:24 116.8
2180.05 02:20:15
2162.28 38025 02:20:06 116.9
2157.42 02:19:57
2147.21 02:19:48 116.8
2136.16 02:19:39
2119.16 38025 02:19:30 116.8
2072.03 02:19:21
2006.76 02:19:12 116.8
1946.04 38025 02:19:03
1941.07 02:18:54 116.8
2089.62 02:18:45
2409.18 02:18:36 116.9
2440.22 37440 02:18:27
2475.70 02:18:18 117.0
2524.73 02:18:09
2588.73 37440 02:18:00 117.0
2667.28 02:17:51
2646.12 02:17:42 117.0
2574.67 37440 02:17:33
2479.29 02:17:24 117.0
2342.16 02:17:15
2219.18 37440 02:17:06 116.9
2159.36 02:16:57
2264.80 02:16:48 116.9
2184.94 02:16:39
2179.31 36855 02:16:30 116.9
2177.04 02:16:21
2170.33 02:16:12 116.9
2159.32 36855 02:16:03
2154.16 02:15:54 116.9
2147.71 02:15:45
2134.20 36855 02:15:36 116.9
2110.72 02:15:27
2086.61 02:15:18 116.8
2048.86 02:15:09
1979.03 36855 02:15:00 116.8
1948.46 02:14:51
2022.69 02:14:42 116.9
2367.09 36270 02:14:33
2419.46 02:14:24 117.0
2448.35 02:14:15
2469.28 36270 02:14:06 117.0
2516.75 02:13:57
2580.08 02:13:48 117.0
2594.55 02:13:39
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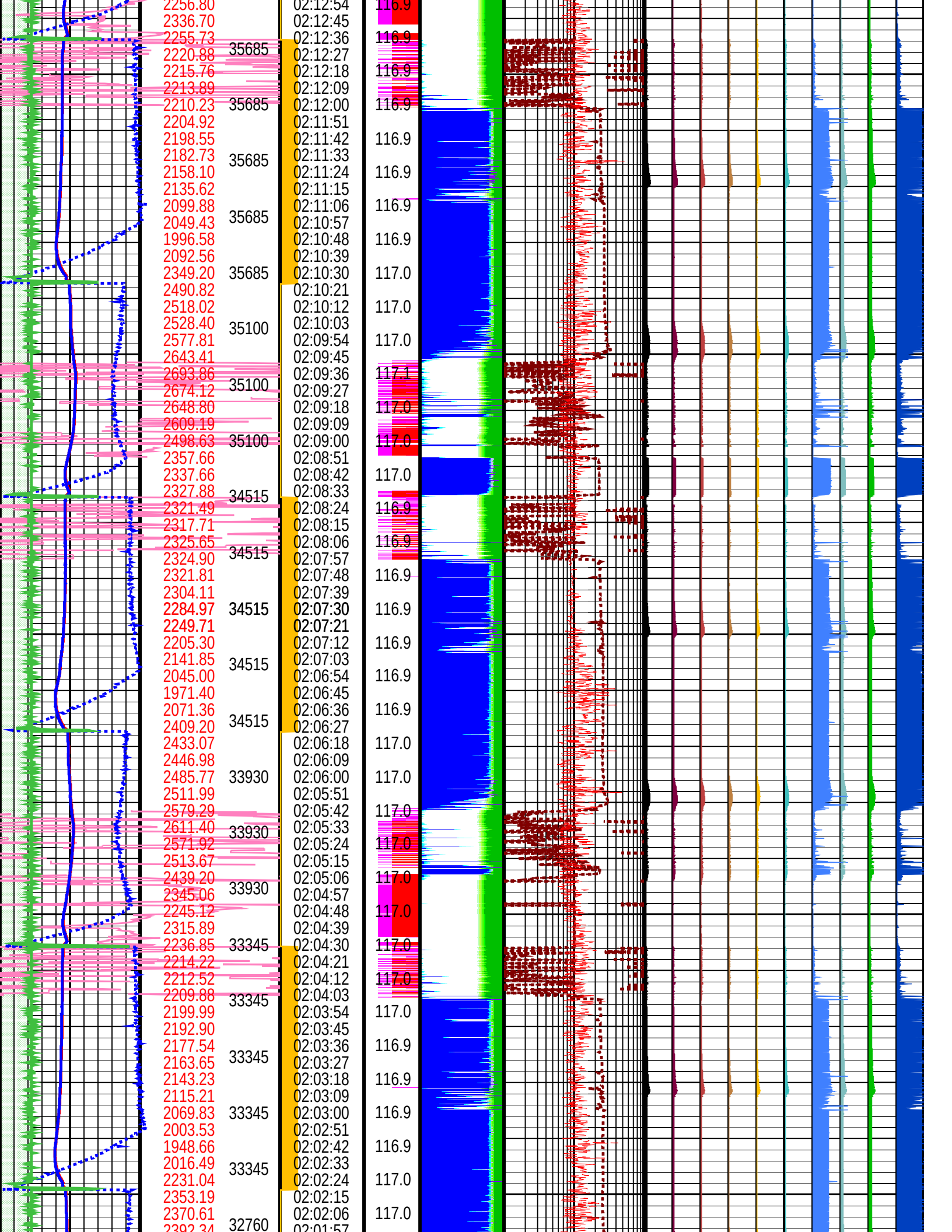
2448.40 02:13:12 117.0
2350.95 36270 02:13:03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2213.89 02:12:09
2210.23 35685 02:12:00 116.9
2204.92 02:11:51
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2182.73 35685 02:11:33
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1996.58 02:10:48 116.9
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2349.20 35685 02:10:30 117.0
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2518.02 02:10:12 117.0
2528.40 35100 02:10:03
2577.81 02:09:54 117.0
2643.41 02:09:45
2693.86 02:09:36 117.1
2674.12 35100 02:09:27
2648.80 02:09:18 117.0
2609.19 02:09:09
2498.63 35100 02:09:00 117.0
2357.66 02:08:51
2337.66 02:08:42 117.0
2327.88 02:08:33
34515
2321.49 02:08:24 116.9
2317.71 02:08:15
2325.65 02:08:06 116.9
2324.90 34515 02:07:57
2321.81 02:07:48 116.9
2304.11 02:07:39
2284.97 34515 02:07:30 116.9
2249.71 02:07:21
2205.30 02:07:12 116.9
2141.85 34515 02:07:03
2045.00 02:06:54 116.9
1971.40 02:06:45
2071.36 02:06:36 116.9
2409.20 34515 02:06:27
2433.07 02:06:18 117.0
2446.98 02:06:09
2485.77 33930 02:06:00 117.0
2511.99 02:05:51
2579.29 02:05:42 117.0
2611.40 33930 02:05:33
2571.92 02:05:24 117.0
2513.67 02:05:15
2439.20 02:05:06 117.0
2345.06 33930 02:04:57
2245.12 02:04:48 117.0
2315.89 02:04:39
2236.85 33345 02:04:30 117.0
2214.22 02:04:21
2212.52 02:04:12 117.0
2209.88 33345 02:04:03
2199.99 02:03:54 117.0
2192.90 02:03:45
2177.54 02:03:36 116.9
2163.65 33345 02:03:27
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2115.21 02:03:09
2069.83 33345 02:03:00 116.9
2003.53 02:02:51
1948.66 02:02:42 116.9
2016.49 33345 02:02:33
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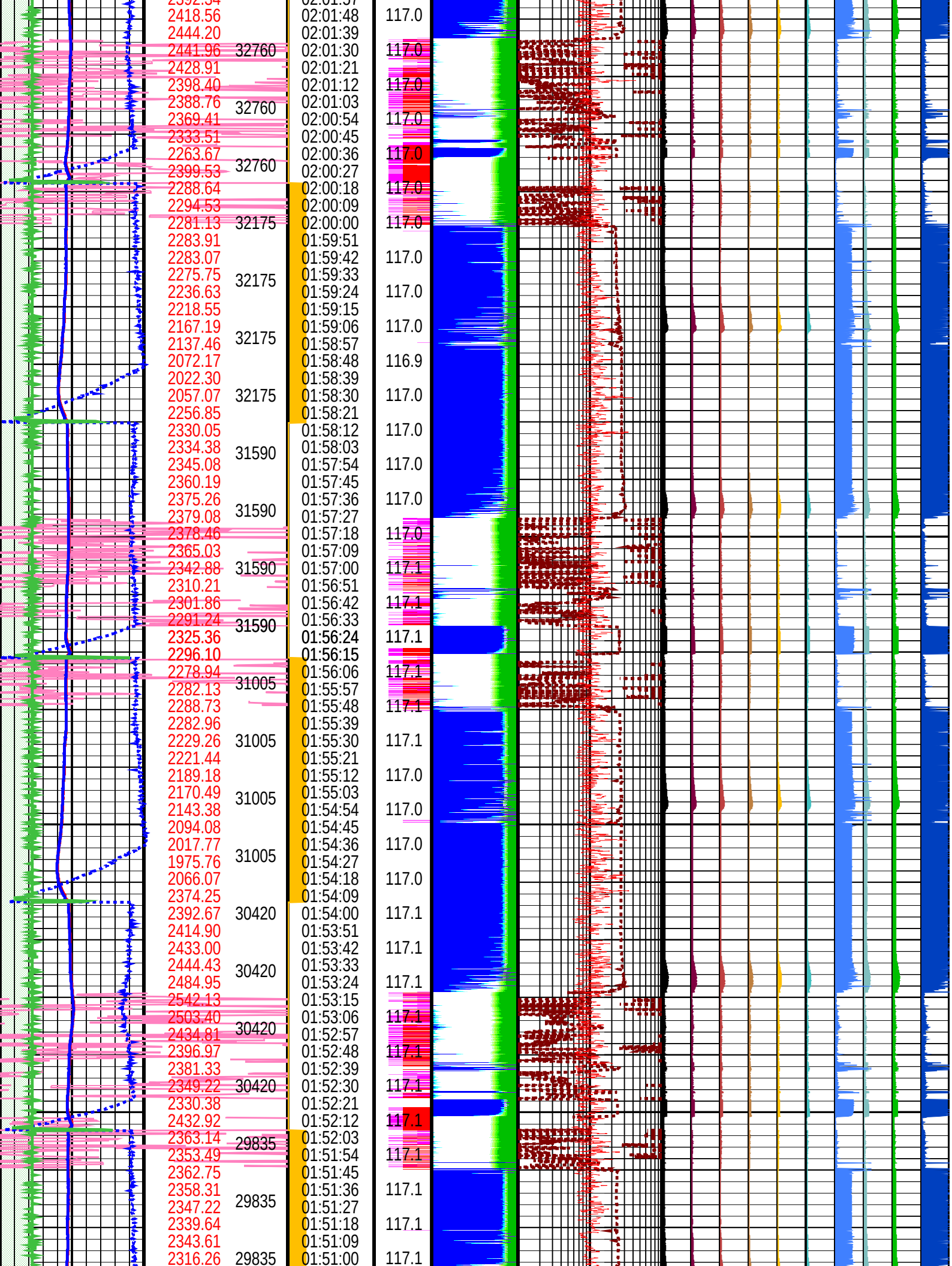
2353.19 02:02:15
2370.61 02:02:06 117.0
2392.34 32760 02:01:57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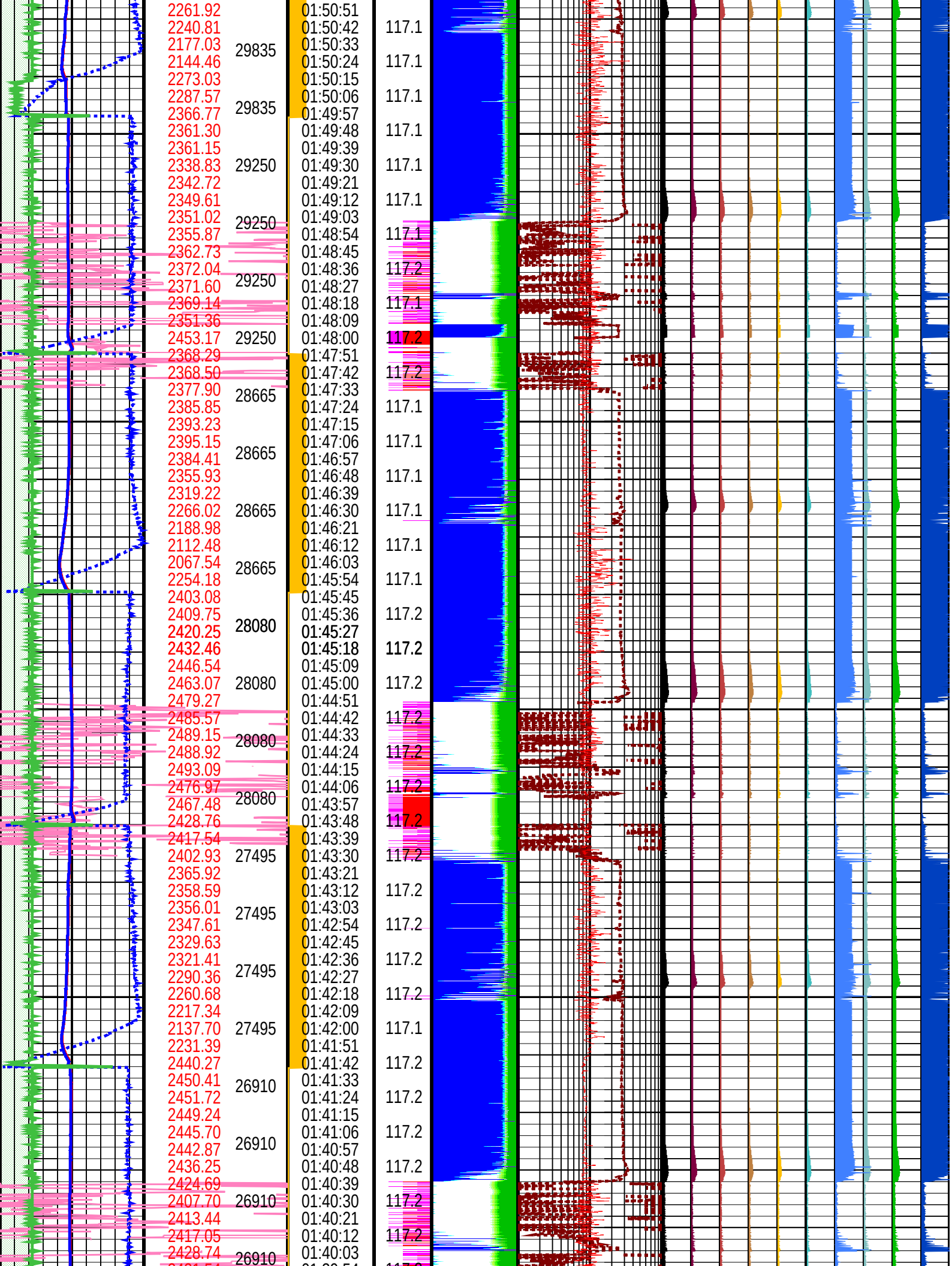

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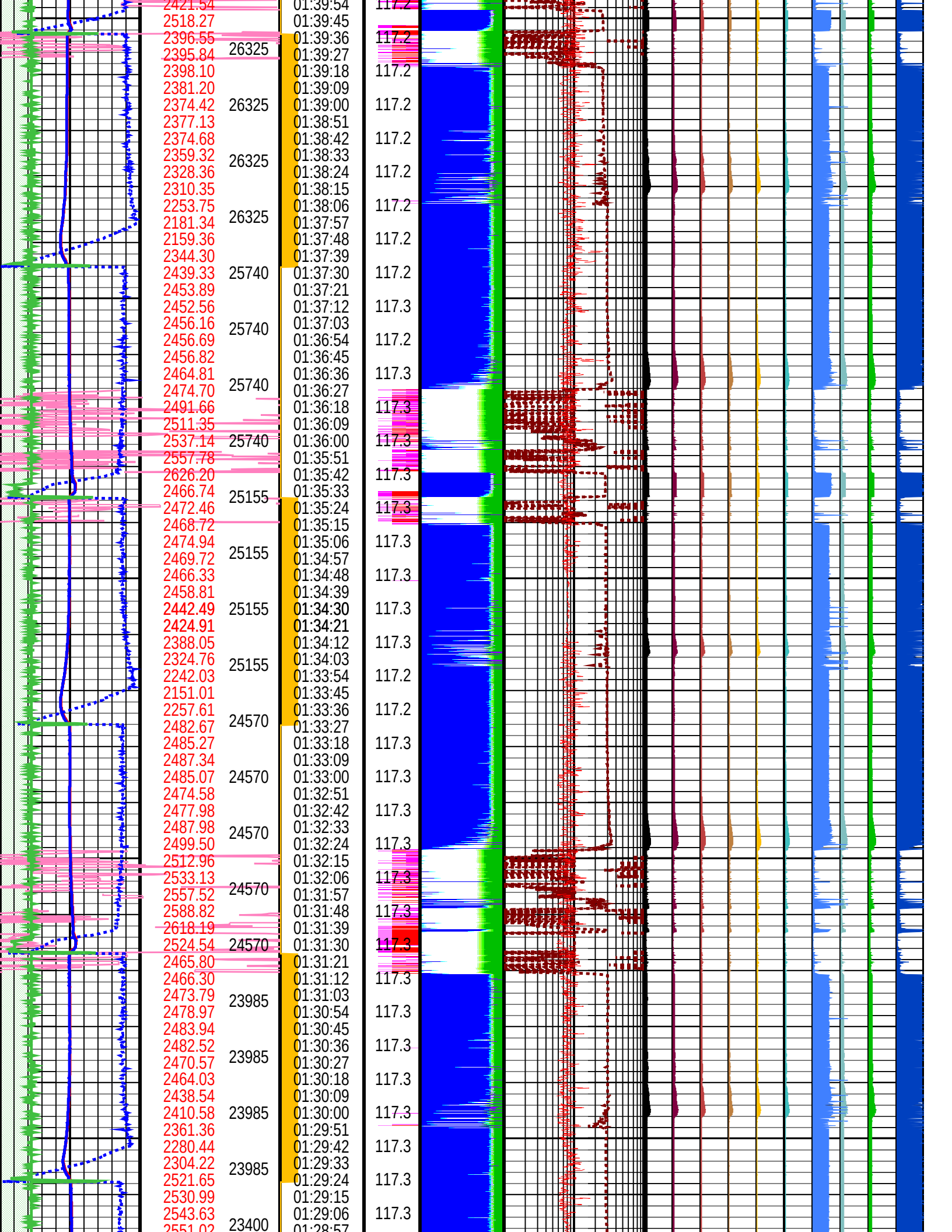

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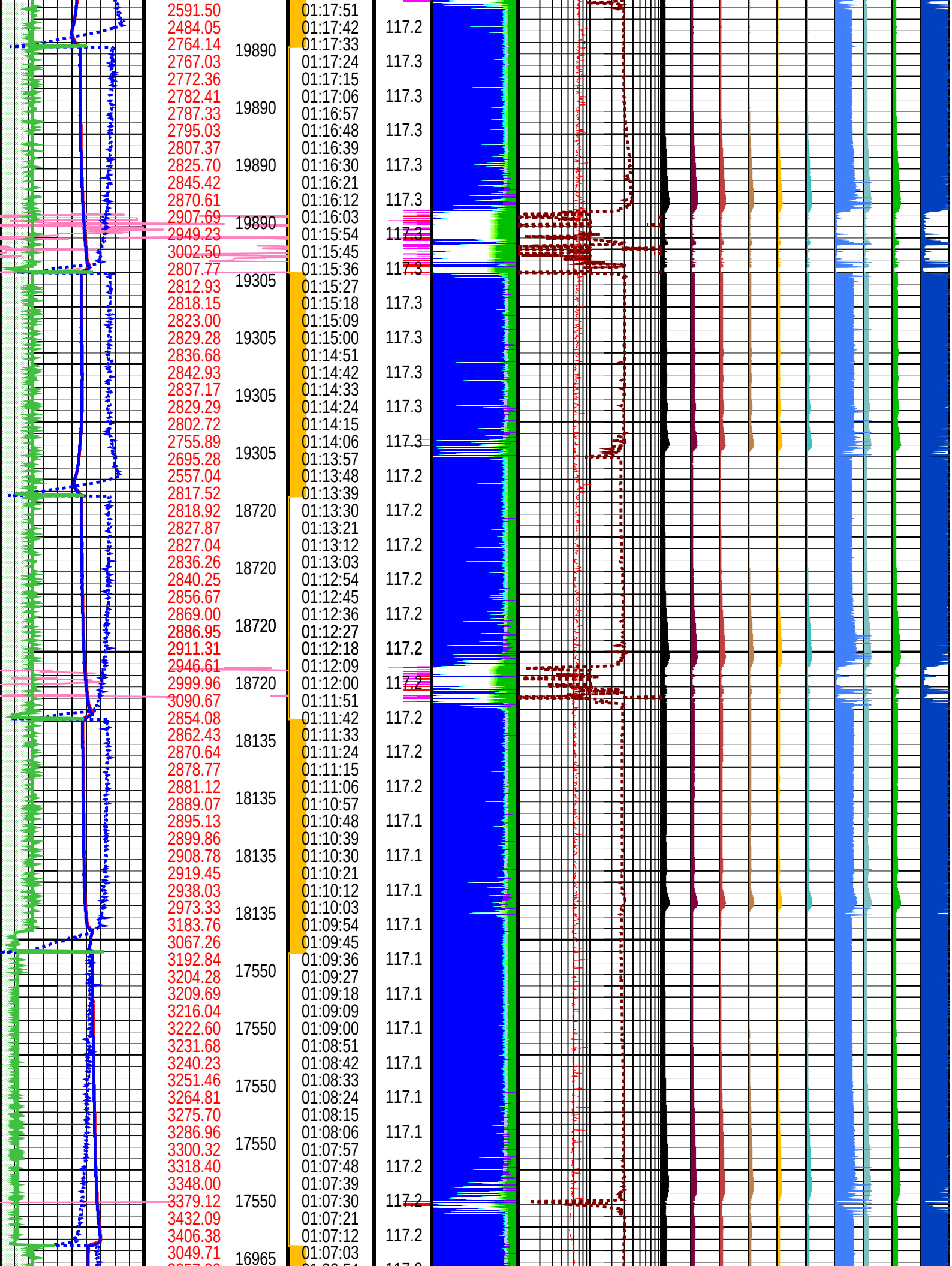

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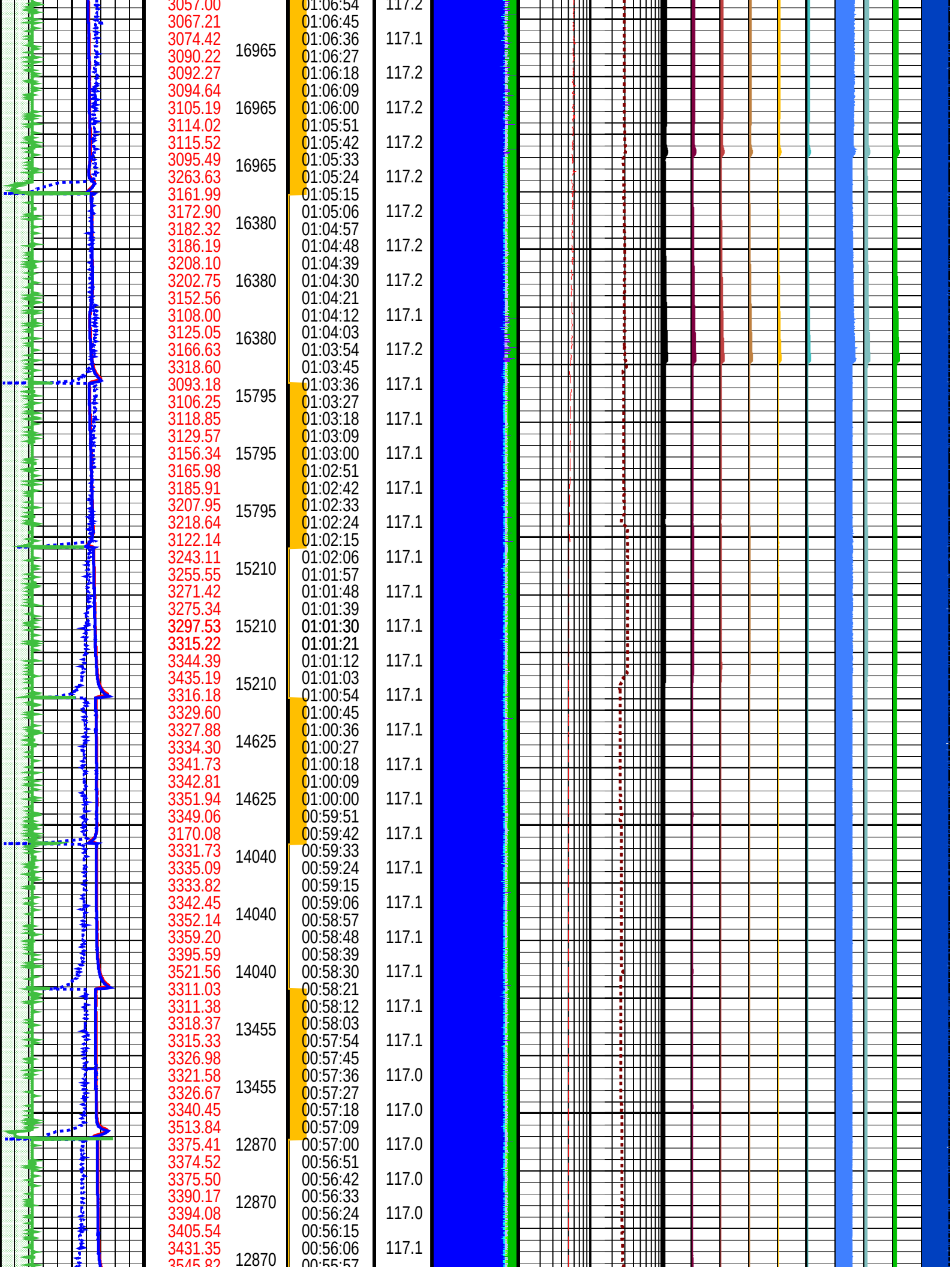

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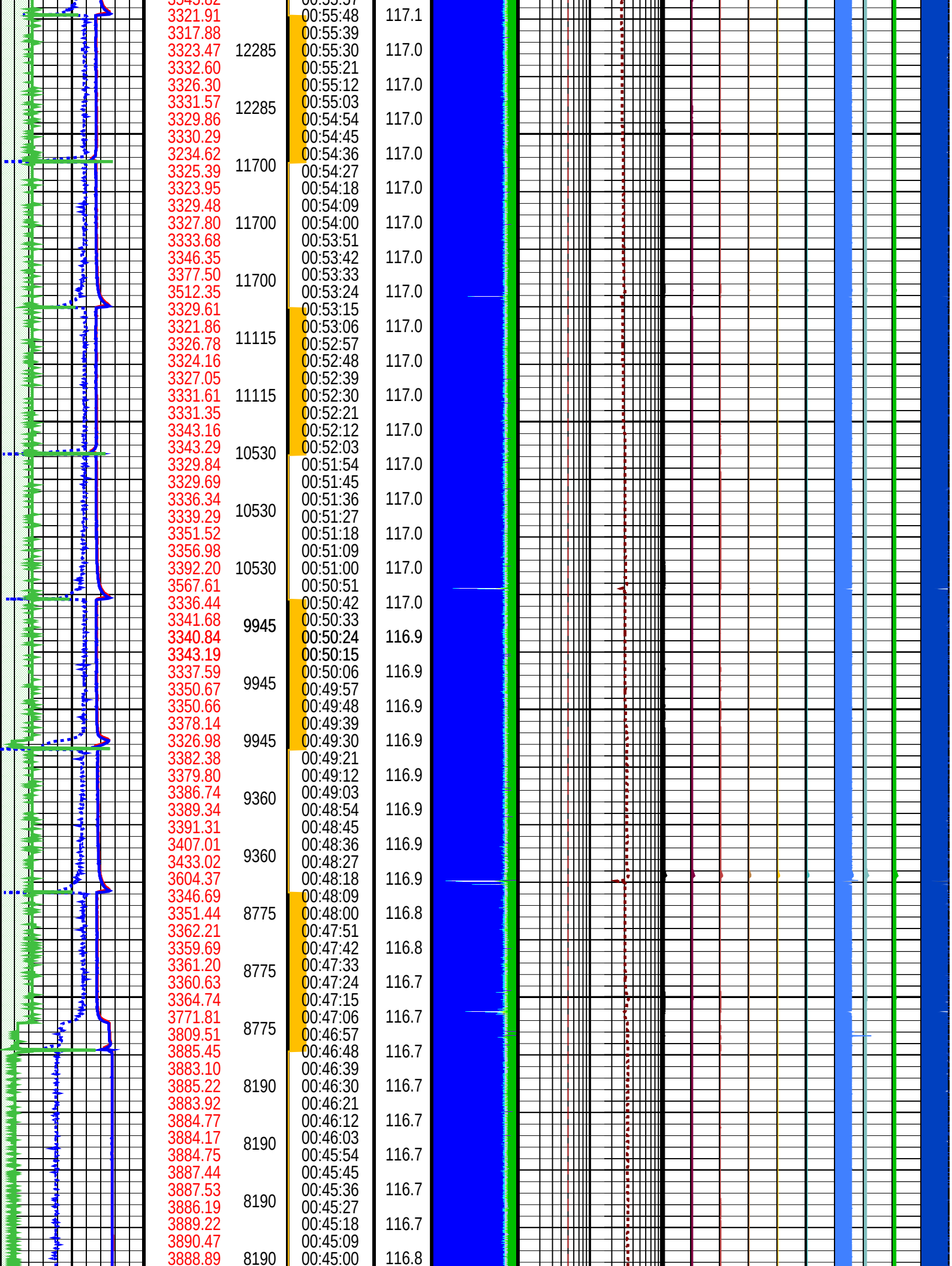

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3890.47		00:45:09	
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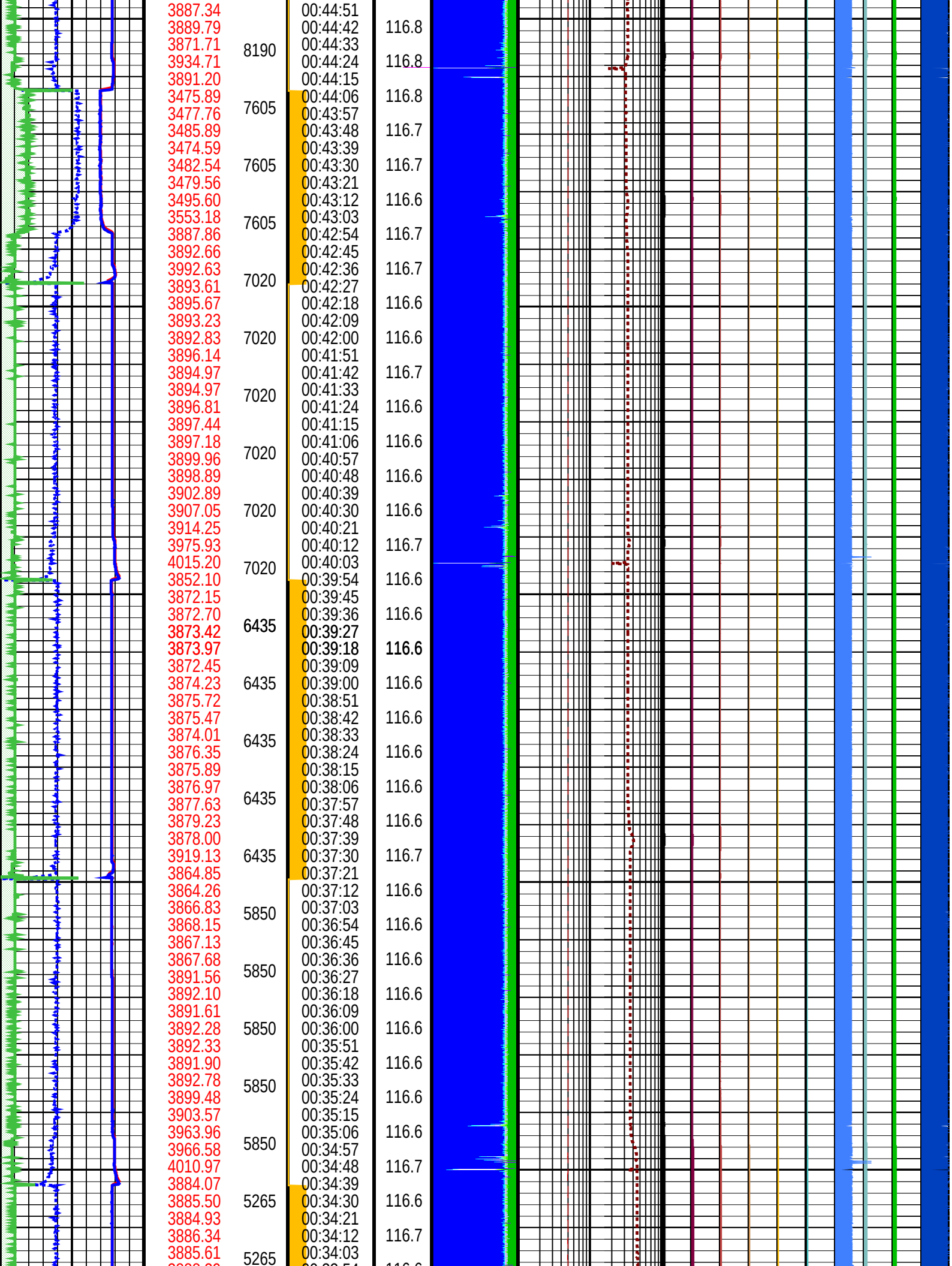
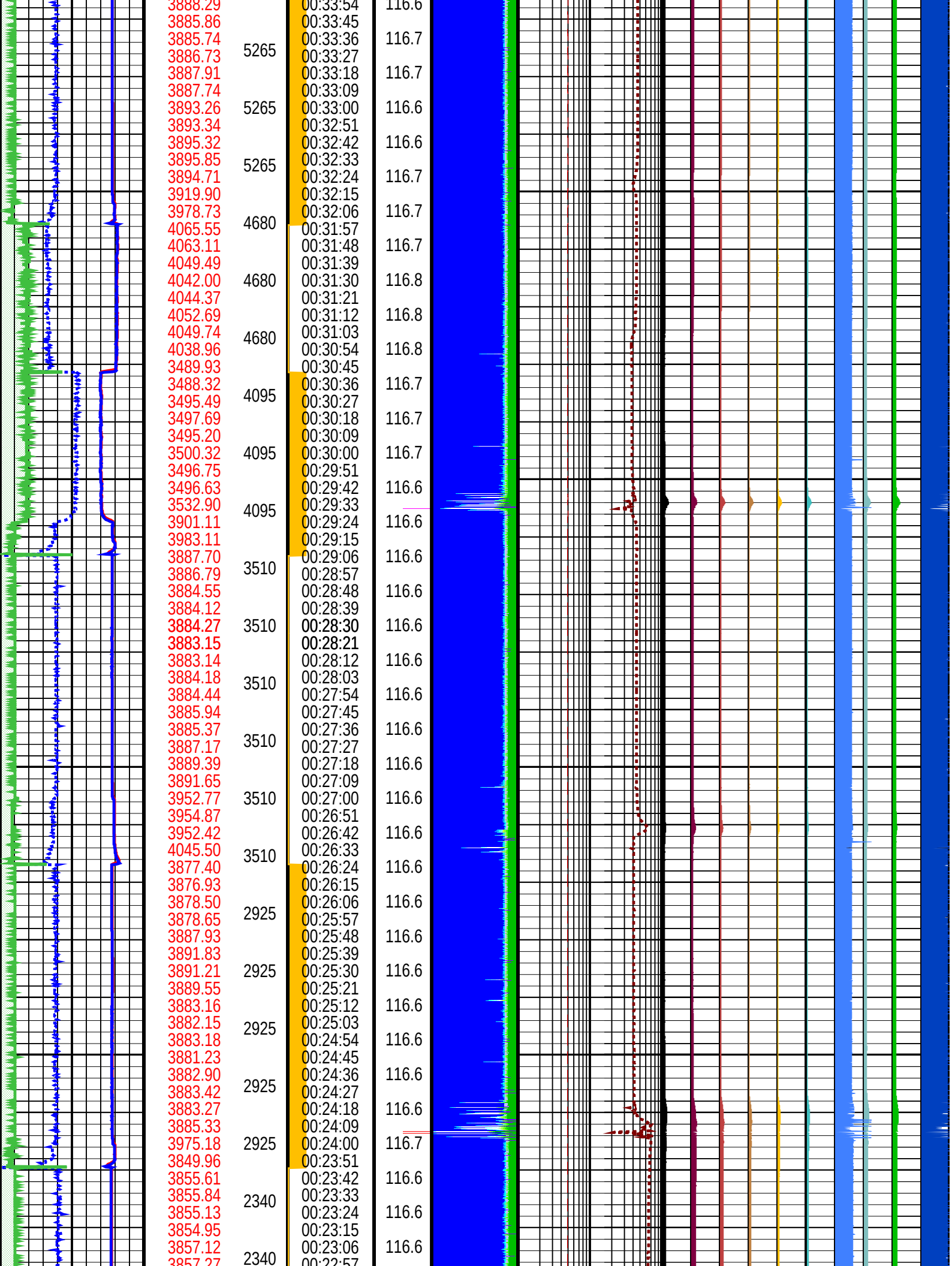
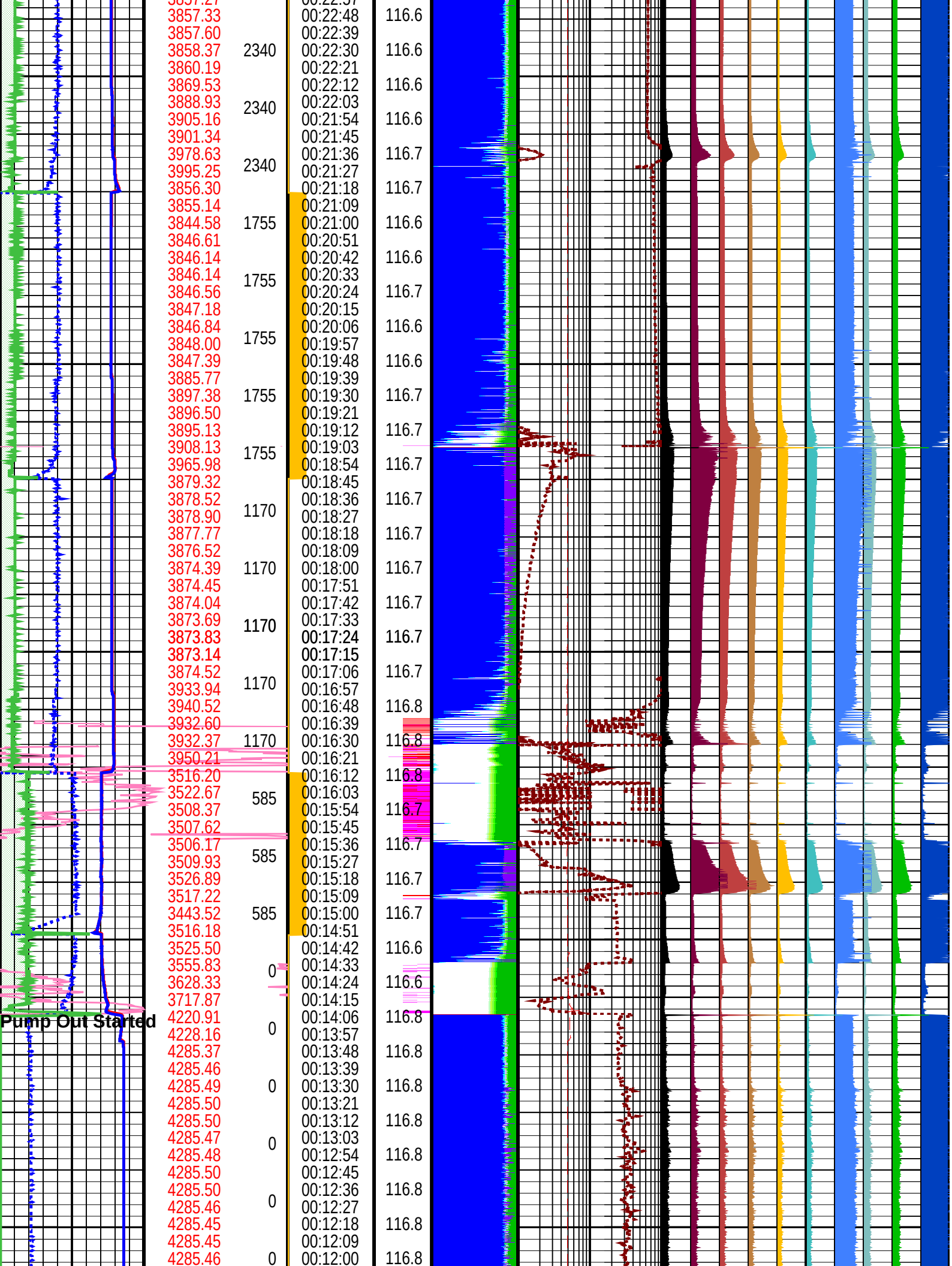


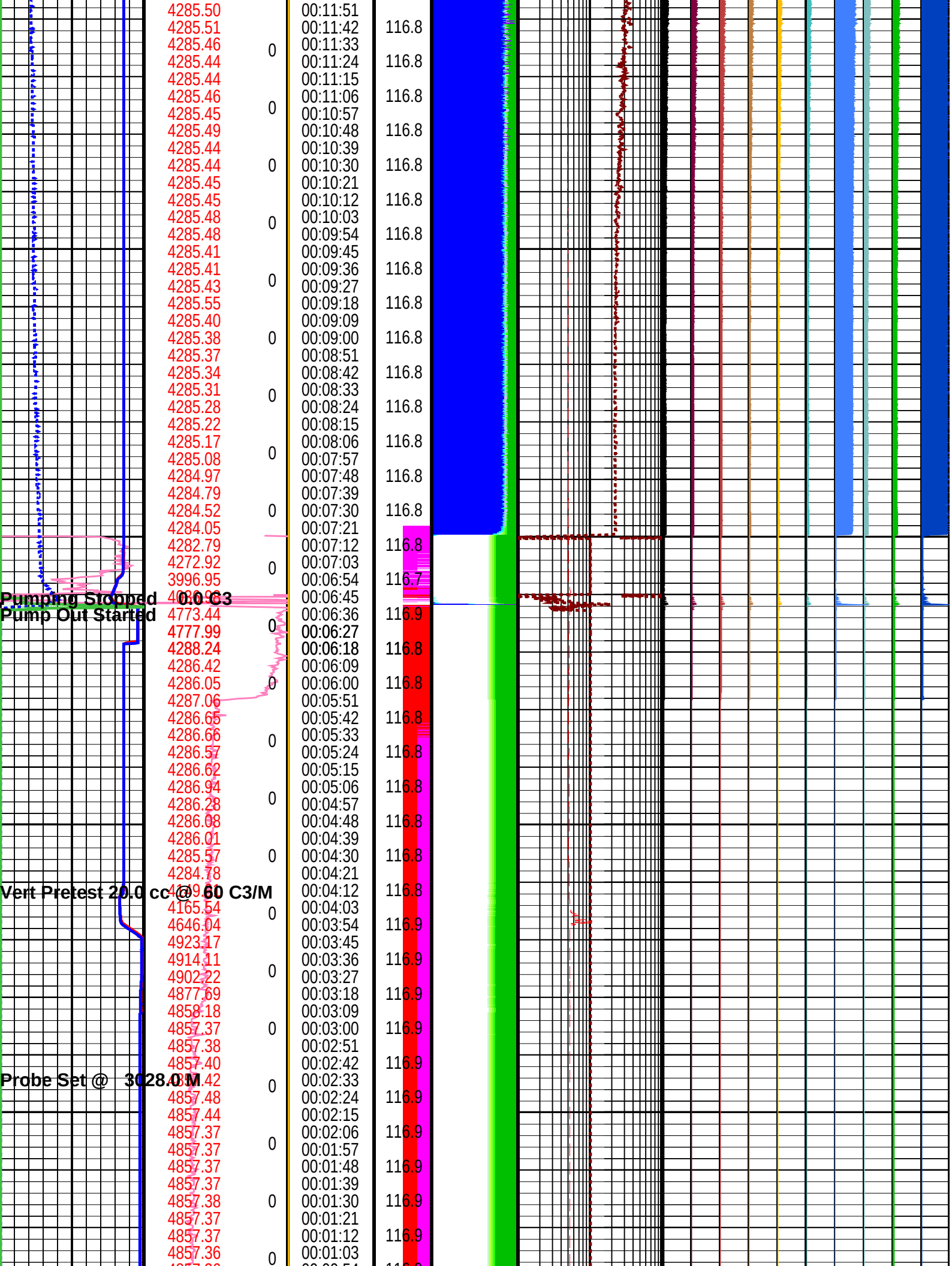
3887.34		00:44:51	
3889.79		00:44:42	116.8
3871.71	8190	00:44:33	
3934.71		00:44:24	116.8
3891.20		00:44:15	
3475.89		00:44:06	116.8
3477.76	7605	00:43:57	
3485.89		00:43:48	116.7
3474.59		00:43:39	
3482.54	7605	00:43:30	116.7
3479.56		00:43:21	
3495.60		00:43:12	116.6
3553.18	7605	00:43:03	
3887.86		00:42:54	116.7
3892.66		00:42:45	
3992.63		00:42:36	116.7
3893.61	7020	00:42:27	
3895.67		00:42:18	116.6
3893.23		00:42:09	
3892.83	7020	00:42:00	116.6
3896.14		00:41:51	
3894.97		00:41:42	116.7
3894.97	7020	00:41:33	
3896.81		00:41:24	116.6
3897.44		00:41:15	
3897.18		00:41:06	116.6
3899.96	7020	00:40:57	
3898.89		00:40:48	116.6
3902.89		00:40:39	
3907.05	7020	00:40:30	116.6
3914.25		00:40:21	
3975.93		00:40:12	116.7
4015.20	7020	00:40:03	
3852.10		00:39:54	116.6
3872.15		00:39:45	
3872.70		00:39:36	116.6
3873.42	6435	00:39:27	
3873.97		00:39:18	116.6
3872.45		00:39:09	
3874.23	6435	00:39:00	116.6
3875.72		00:38:51	
3875.47		00:38:42	116.6
3874.01	6435	00:38:33	
3876.35		00:38:24	116.6
3875.89		00:38:15	
3876.97		00:38:06	116.6
3877.63	6435	00:37:57	
3879.23		00:37:48	116.6
3878.00		00:37:39	
3919.13	6435	00:37:30	116.7
3864.85		00:37:21	
3864.26		00:37:12	116.6
3866.83	5850	00:37:03	
3868.15		00:36:54	116.6
3867.13		00:36:45	
3867.68		00:36:36	116.6
3891.56	5850	00:36:27	
3892.10		00:36:18	116.6
3891.61		00:36:09	
3892.28	5850	00:36:00	116.6
3892.33		00:35:51	
3891.90		00:35:42	116.6
3892.78	5850	00:35:33	
3899.48		00:35:24	116.6
3903.57		00:35:15	
3963.96		00:35:06	116.6
3966.58	5850	00:34:57	
4010.97		00:34:48	116.7
3884.07		00:34:39	
3885.50	5265	00:34:30	116.6
3884.93		00:34:21	
3886.34		00:34:12	116.7
3885.61	5265	00:34:03	

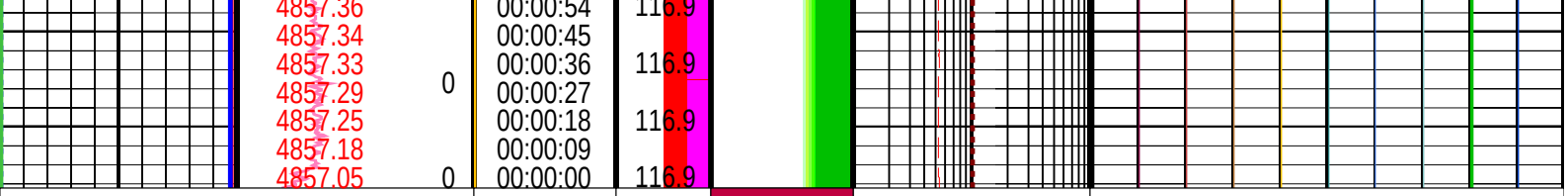


3888.29		00:33:54	116.6
3885.86		00:33:45	
3885.74	5265	00:33:36	116.7
3886.73		00:33:27	
3887.91		00:33:18	116.7
3887.74		00:33:09	
3893.26	5265	00:33:00	116.6
3893.34		00:32:51	
3895.32		00:32:42	116.6
3895.85	5265	00:32:33	
3894.71		00:32:24	116.7
3919.90		00:32:15	
3978.73		00:32:06	116.7
4065.55	4680	00:31:57	
4063.11		00:31:48	116.7
4049.49		00:31:39	
4042.00	4680	00:31:30	116.8
4044.37		00:31:21	
4052.69		00:31:12	116.8
4049.74	4680	00:31:03	
4038.96		00:30:54	116.8
3489.93		00:30:45	
3488.32		00:30:36	116.7
3495.49	4095	00:30:27	
3497.69		00:30:18	116.7
3495.20		00:30:09	
3500.32	4095	00:30:00	116.7
3496.75		00:29:51	
3496.63		00:29:42	116.6
3532.90	4095	00:29:33	
3901.11		00:29:24	116.6
3983.11		00:29:15	
3887.70	3510	00:29:06	116.6
3886.79		00:28:57	
3884.55		00:28:48	116.6
3884.12		00:28:39	
3884.27	3510	00:28:30	116.6
3883.15		00:28:21	
3883.14		00:28:12	116.6
3884.18	3510	00:28:03	
3884.44		00:27:54	116.6
3885.94		00:27:45	
3885.37	3510	00:27:36	116.6
3887.17		00:27:27	
3889.39		00:27:18	116.6
3891.65		00:27:09	
3952.77	3510	00:27:00	116.6
3954.87		00:26:51	
3952.42		00:26:42	116.6
4045.50	3510	00:26:33	
3877.40		00:26:24	116.6
3876.93		00:26:15	
3878.50		00:26:06	116.6
3878.65	2925	00:25:57	
3887.93		00:25:48	116.6
3891.83		00:25:39	
3891.21	2925	00:25:30	116.6
3889.55		00:25:21	
3883.16		00:25:12	116.6
3882.15	2925	00:25:03	
3883.18		00:24:54	116.6
3881.23		00:24:45	
3882.90		00:24:36	116.6
3883.42	2925	00:24:27	
3883.27		00:24:18	116.6
3885.33		00:24:09	
3975.18	2925	00:24:00	116.7
3849.96		00:23:51	
3855.61		00:23:42	116.6
3855.84	2340	00:23:33	
3855.13		00:23:24	116.6
3854.95		00:23:15	
3857.12		00:23:06	116.6
3857.27	2340	00:22:57	



3857.27		00:22:57	
3857.33		00:22:48	116.6
3857.60		00:22:39	
3858.37	2340	00:22:30	116.6
3860.19		00:22:21	
3869.53		00:22:12	116.6
3888.93	2340	00:22:03	
3905.16		00:21:54	116.6
3901.34		00:21:45	
3978.63		00:21:36	116.7
3995.25	2340	00:21:27	
3856.30		00:21:18	116.7
3855.14		00:21:09	
3844.58	1755	00:21:00	116.6
3846.61		00:20:51	
3846.14		00:20:42	116.6
3846.14	1755	00:20:33	
3846.56		00:20:24	116.7
3847.18		00:20:15	
3846.84		00:20:06	116.6
3848.00	1755	00:19:57	
3847.39		00:19:48	116.6
3885.77		00:19:39	
3897.38	1755	00:19:30	116.7
3896.50		00:19:21	
3895.13		00:19:12	116.7
3908.13	1755	00:19:03	
3965.98		00:18:54	116.7
3879.32		00:18:45	
3878.52		00:18:36	116.7
3878.90	1170	00:18:27	
3877.77		00:18:18	116.7
3876.52		00:18:09	
3874.39	1170	00:18:00	116.7
3874.45		00:17:51	
3874.04		00:17:42	116.7
3873.69		00:17:33	
3873.83	1170	00:17:24	116.7
3873.14		00:17:15	
3874.52		00:17:06	116.7
3933.94	1170	00:16:57	
3940.52		00:16:48	116.8
3932.60		00:16:39	
3932.37	1170	00:16:30	116.8
3950.21		00:16:21	
3516.20		00:16:12	116.8
3522.67	585	00:16:03	
3508.37		00:15:54	116.7
3507.62		00:15:45	
3506.17		00:15:36	116.7
3509.93	585	00:15:27	
3526.89		00:15:18	116.7
3517.22		00:15:09	
3443.52	585	00:15:00	116.7
3516.18		00:14:51	
3525.50		00:14:42	116.6
3555.83	0	00:14:33	
3628.33		00:14:24	116.6
3717.87		00:14:15	
4220.91		00:14:06	116.8
4228.16	0	00:13:57	
4285.37		00:13:48	116.8
4285.46		00:13:39	
4285.49	0	00:13:30	116.8
4285.50		00:13:21	
4285.50		00:13:12	116.8
4285.47	0	00:13:03	
4285.48		00:12:54	116.8
4285.50		00:12:45	
4285.50		00:12:36	116.8
4285.46	0	00:12:27	
4285.45		00:12:18	116.8
4285.45		00:12:09	
4285.46	0	00:12:00	116.8


Pumping Stopped 0.0 C3
Pump Out Started
Vert Pretest 20.0 cc @ 60 C3/M
Probe Set @ 3028.0 M



Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	

TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:56

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_292LTP	FN:460	PRODUCER	02−Dec−2004 11:12	3028.0 M	24.7 M

Output DLIS Files

DEFAULT	MDT_OFA_085PTP	FN:84	PRODUCER	06−Dec−2004 12:56

Schlumberger

Fluid analysis and pump out
3046.0 mMD

MAXIS Field Log

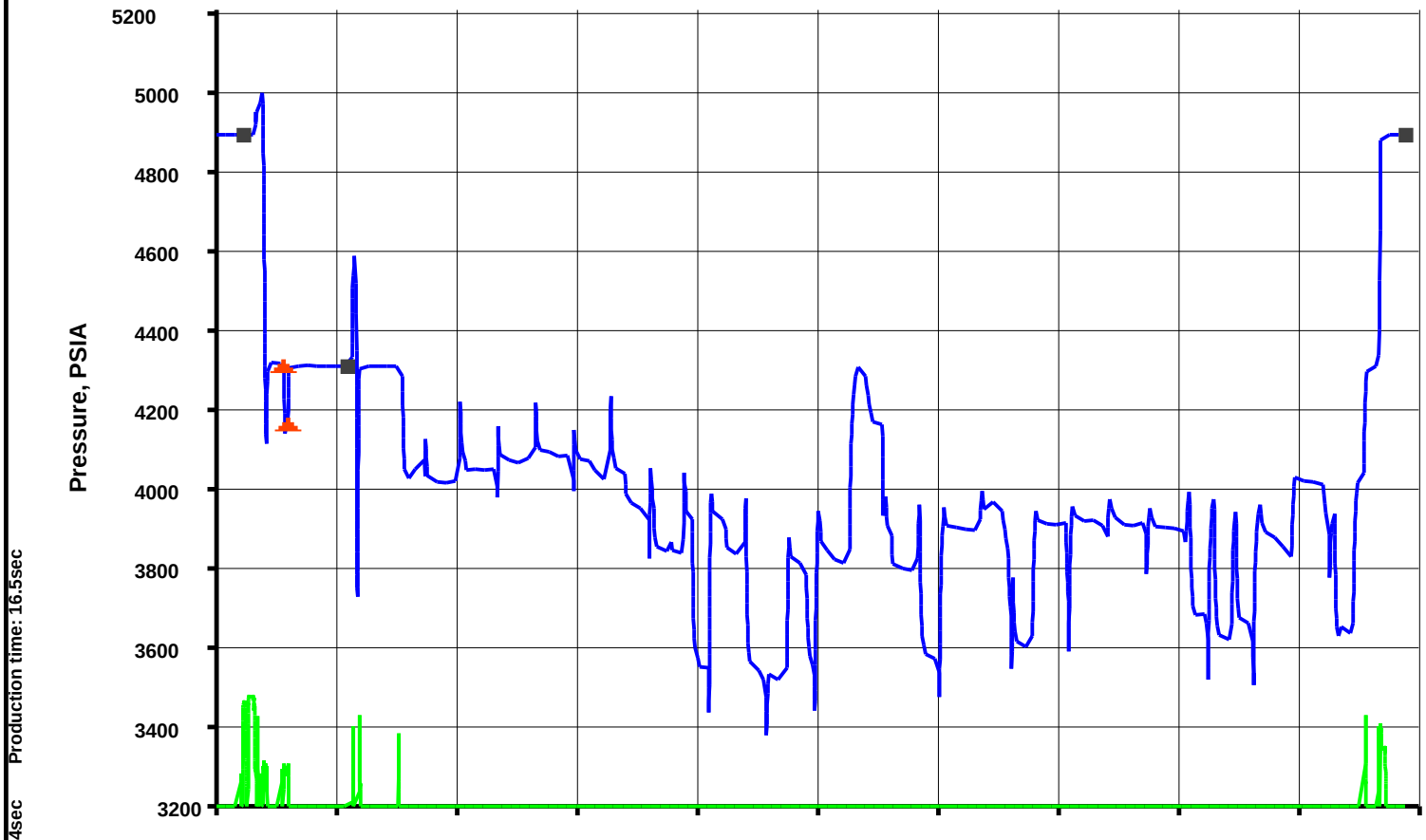
File 291 Depth, M: 3045.95 Volumetric Limited draw−down − Large−Diameter probe

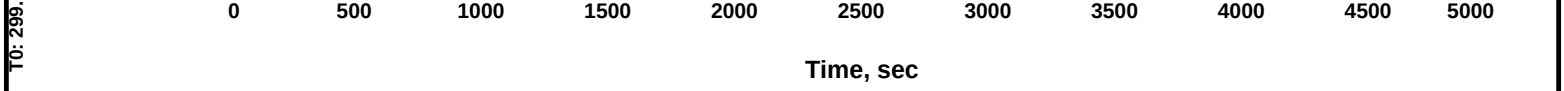
25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

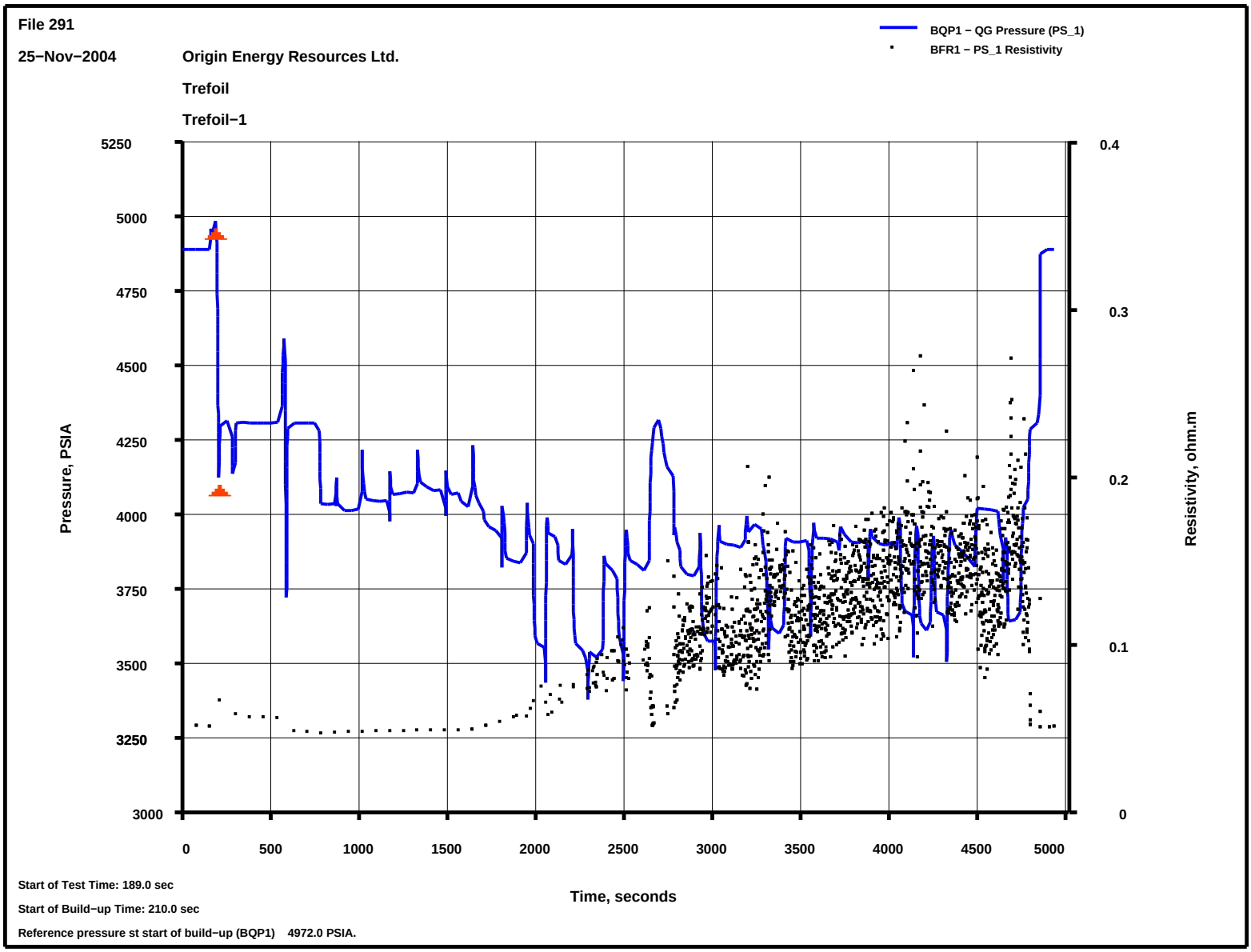
Trefoil−1

Mud Pressure before test, PSIA:	4885.39
Mud Pressure after test, PSIA:	4885.5
Last build−up pressure, PSIA:	4306.13
Draw−down mobility, md/cp:	8.4





Pretest Volume: 10.0cc − MRPS_1− BQP1 Resolution: 0.010psi



Input DLIS Files

DEFAULT	MDT_OFA_291LTP	FN:458	PRODUCER	02−Dec−2004 11:12	3045.9 M	12.6 M

Output DLIS Files

DEFAULT	MDT_OFA_084PTP	FN:83	PRODUCER	06−Dec−2004 12:51	3045.9 M	12.6 M

Elapsed Time (s)	Event Summary
4835.1	Retract Single Probe Module (MRPS) 1
4767.6	Pumping Stopped 17550.0 C3 Dual Up−down Pumpout Module (MRPOUD)
769.2	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
588.0	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
577.2	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
278.1	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
189.0	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1

128.7	Probe Set @ 3045.9 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

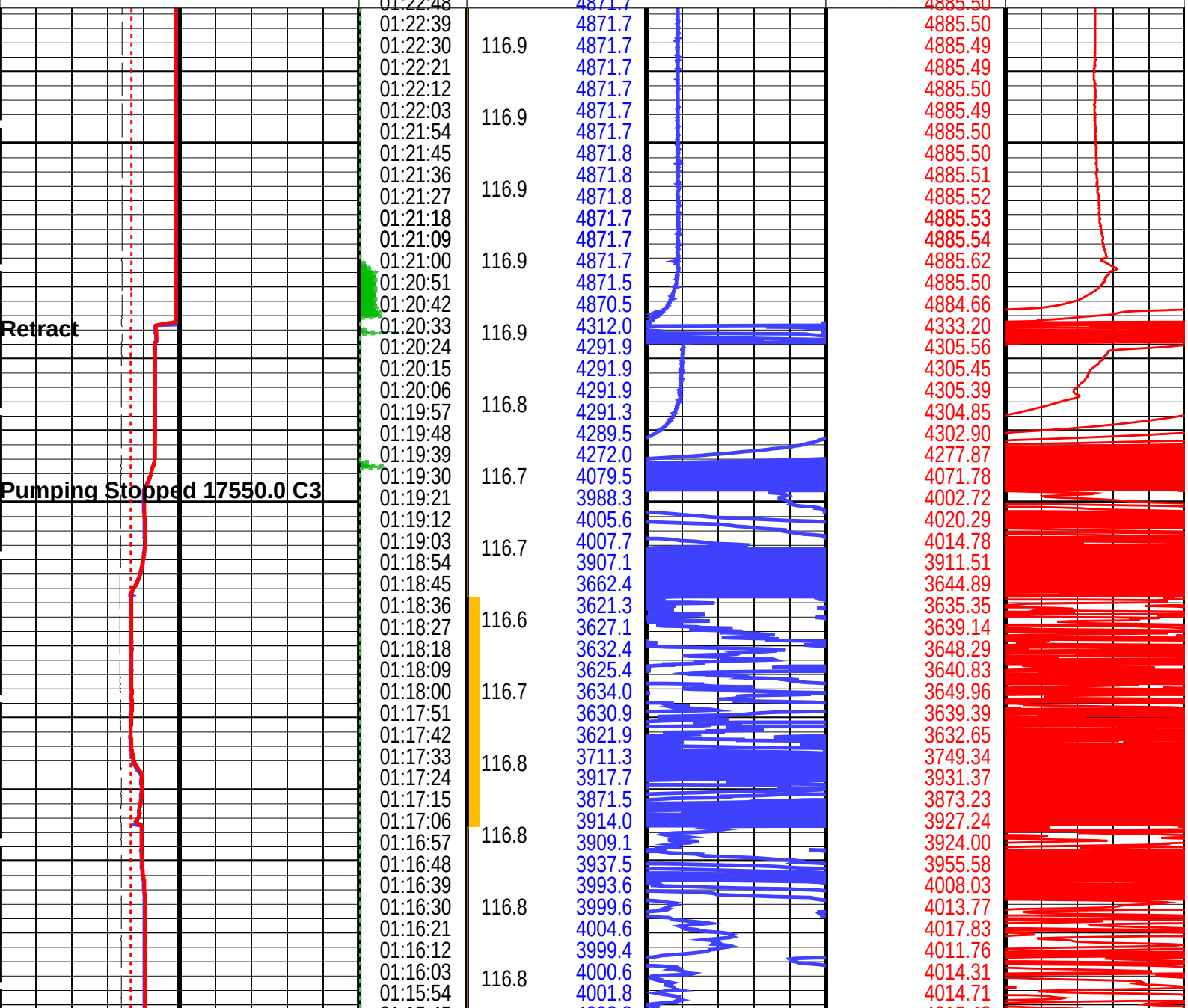
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

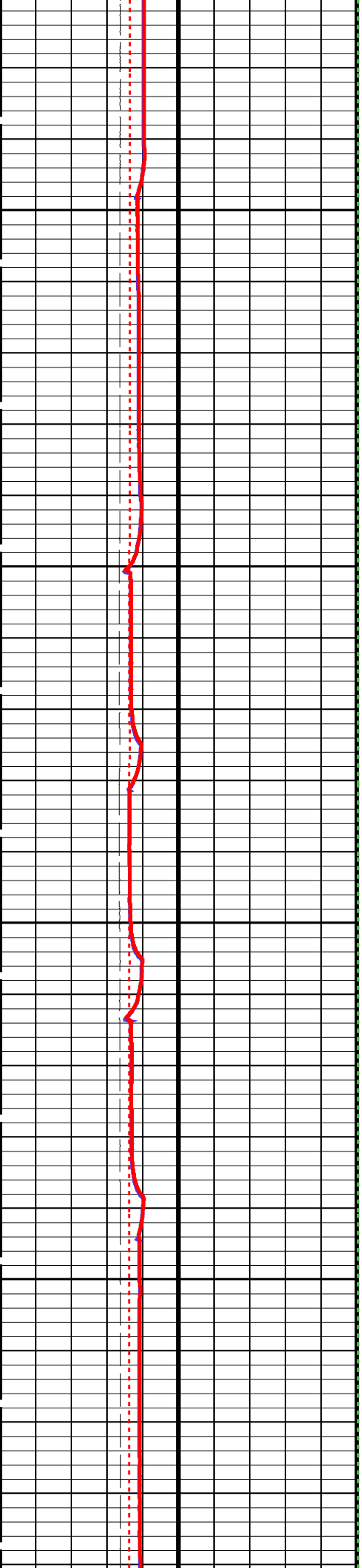
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
01:22:48		4871.7	4885.50
01:22:39		4871.7	4885.50
01:22:30	116.9	4871.7	4885.49
01:22:21		4871.7	4885.49
01:22:12		4871.7	4885.50
01:22:03	116.9	4871.7	4885.49
01:21:54		4871.7	4885.50
01:21:45		4871.8	4885.50
01:21:36		4871.8	4885.51
01:21:27	116.9	4871.8	4885.52
01:21:18		4871.7	4885.53
01:21:09		4871.7	4885.54
01:21:00	116.9	4871.7	4885.62
01:20:51		4871.5	4885.50
01:20:42		4870.5	4884.66
01:20:33	116.9	4312.0	4333.20
01:20:24		4291.9	4305.56
01:20:15		4291.9	4305.45
01:20:06		4291.9	4305.39
01:19:57	116.8	4291.3	4304.85
01:19:48		4289.5	4302.90
01:19:39		4272.0	4277.87
01:19:30	116.7	4079.5	4071.78
01:19:21		3988.3	4002.72
01:19:12		4005.6	4020.29
01:19:03	116.7	4007.7	4014.78
01:18:54		3907.1	3911.51
01:18:45		3662.4	3644.89
01:18:36		3621.3	3635.35
01:18:27	116.6	3627.1	3639.14
01:18:18		3632.4	3648.29
01:18:09		3625.4	3640.83
01:18:00	116.7	3634.0	3649.96
01:17:51		3630.9	3639.39
01:17:42		3621.9	3632.65
01:17:33	116.8	3711.3	3749.34
01:17:24		3917.7	3931.37
01:17:15		3871.5	3873.23
01:17:06		3914.0	3927.24
01:16:57	116.8	3909.1	3924.00
01:16:48		3937.5	3955.58
01:16:39		3993.6	4008.03
01:16:30	116.8	3999.6	4013.77
01:16:21		4004.6	4017.83
01:16:12		3999.4	4011.76
01:16:03	116.8	4000.6	4014.31
01:15:54		4001.8	4014.71



01:15:45		4002.8	4015.43
01:15:36		4002.7	4016.26
01:15:27	116.7	4003.2	4017.18
01:15:18		4002.0	4015.63
01:15:09		4001.3	4015.37
01:15:00	116.8	4003.7	4016.07
01:14:51		4005.6	4020.79
01:14:42		4007.5	4013.06
01:14:33	116.7	3914.2	3913.69
01:14:24		3830.4	3843.25
01:14:15		3832.0	3843.12
01:14:06		3832.1	3845.43
01:13:57	116.7	3836.5	3849.48
01:13:48		3852.4	3868.09
01:13:39		3860.1	3872.85
01:13:30	116.7	3860.3	3874.24
01:13:21		3859.6	3873.87
01:13:12		3862.2	3877.32
01:13:03	116.7	3863.6	3876.07
01:12:54		3868.5	3881.19
01:12:45		3871.0	3883.63
01:12:36		3886.8	3900.05
01:12:27	116.7	3898.1	3912.33
01:12:18		3944.1	3956.82
01:12:09		3913.4	3920.75
01:12:00	116.6	3812.1	3822.96
01:11:51		3503.6	3505.22
01:11:42		3646.9	3661.13
01:11:33	116.6	3645.1	3658.76
01:11:24		3647.5	3659.90
01:11:15		3650.7	3662.77
01:11:06		3645.8	3657.91
01:10:57	116.6	3649.1	3664.27
01:10:48		3683.4	3701.91
01:10:39		3849.4	3892.57
01:10:30	116.7	3882.5	3888.18
01:10:21		3697.2	3686.39
01:10:12		3605.1	3615.84
01:10:03	116.6	3600.0	3613.70
01:09:54		3596.9	3609.79
01:09:45		3615.1	3627.62
01:09:36		3614.8	3628.11
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01:07:03	116.8	3877.9	3893.33
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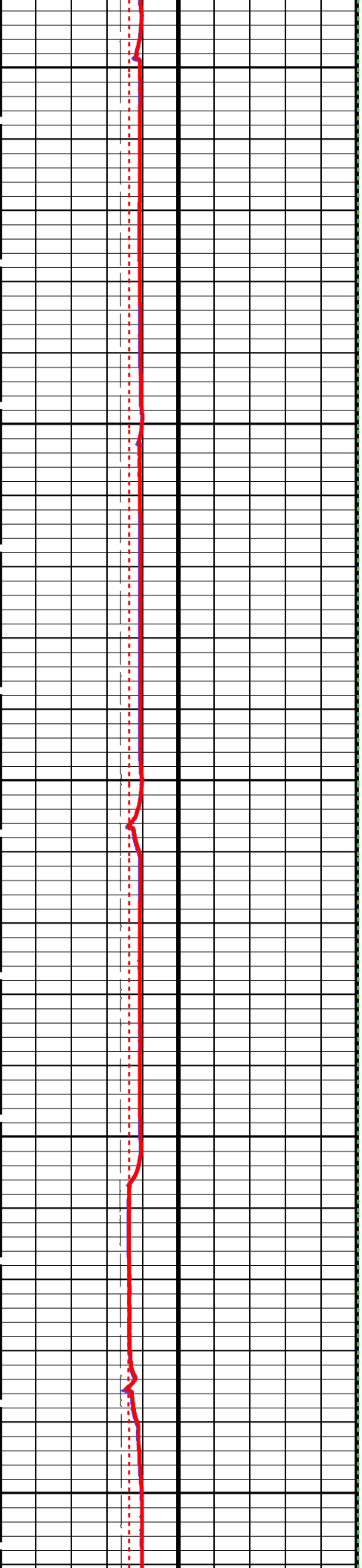

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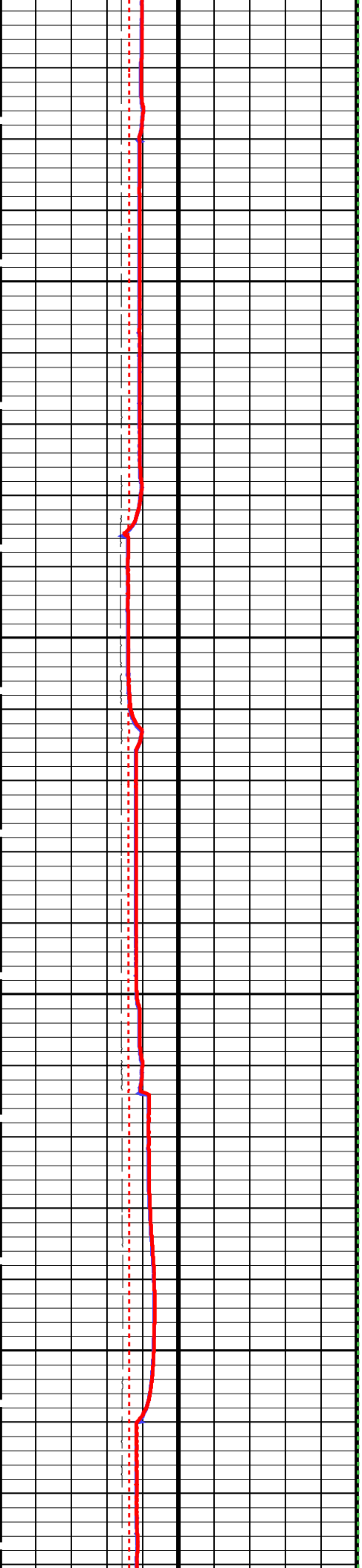

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00:48:09		3778.6	3793.75
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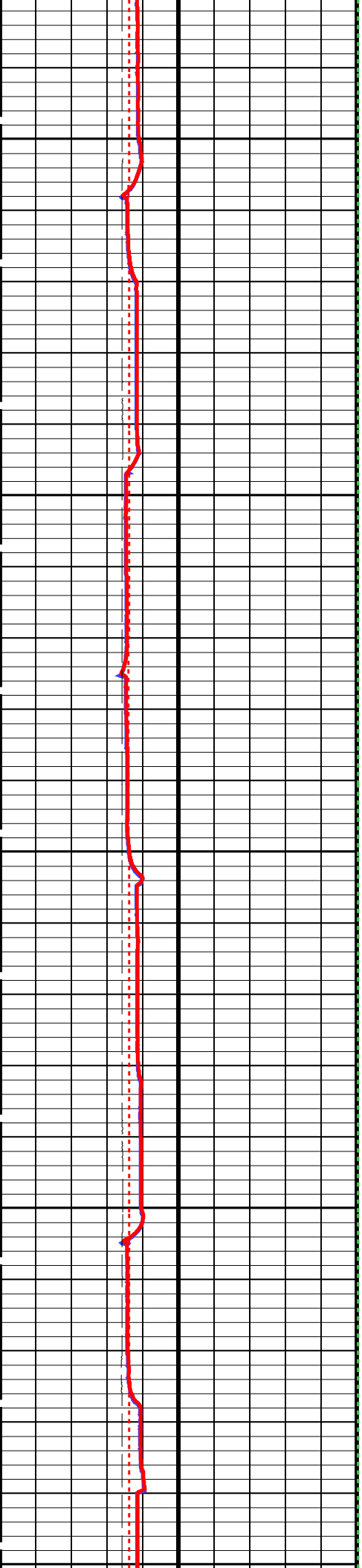

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00:41:42		3937.0	3934.10
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00:40:21		3800.5	3813.32
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00:38:15		3507.5	3517.49
00:38:06		3506.0	3518.83
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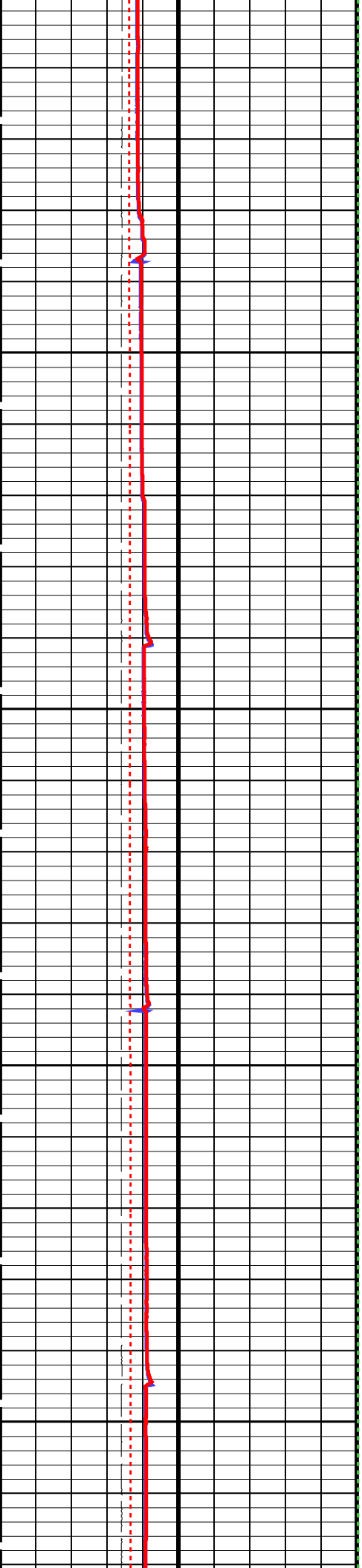

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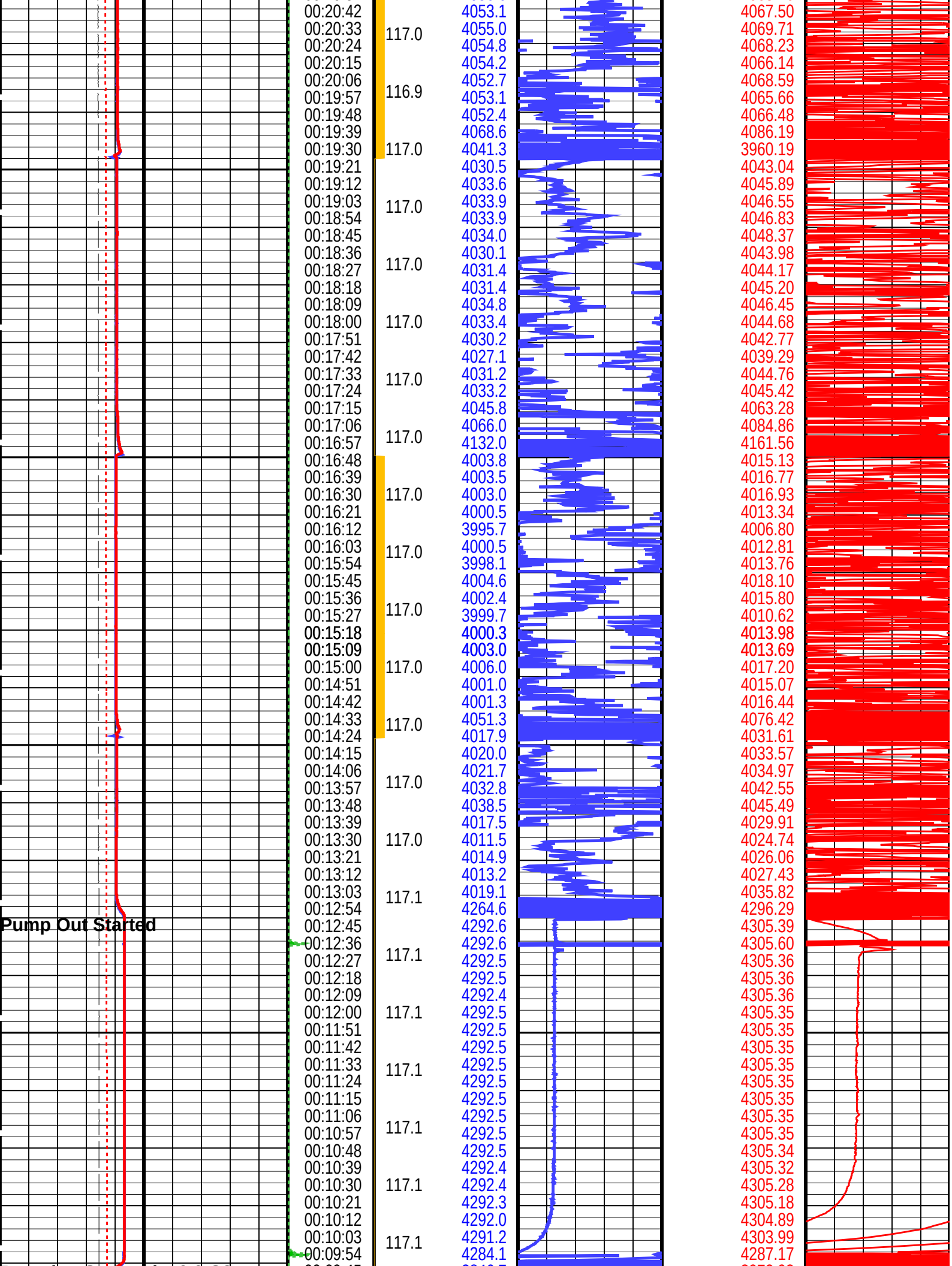

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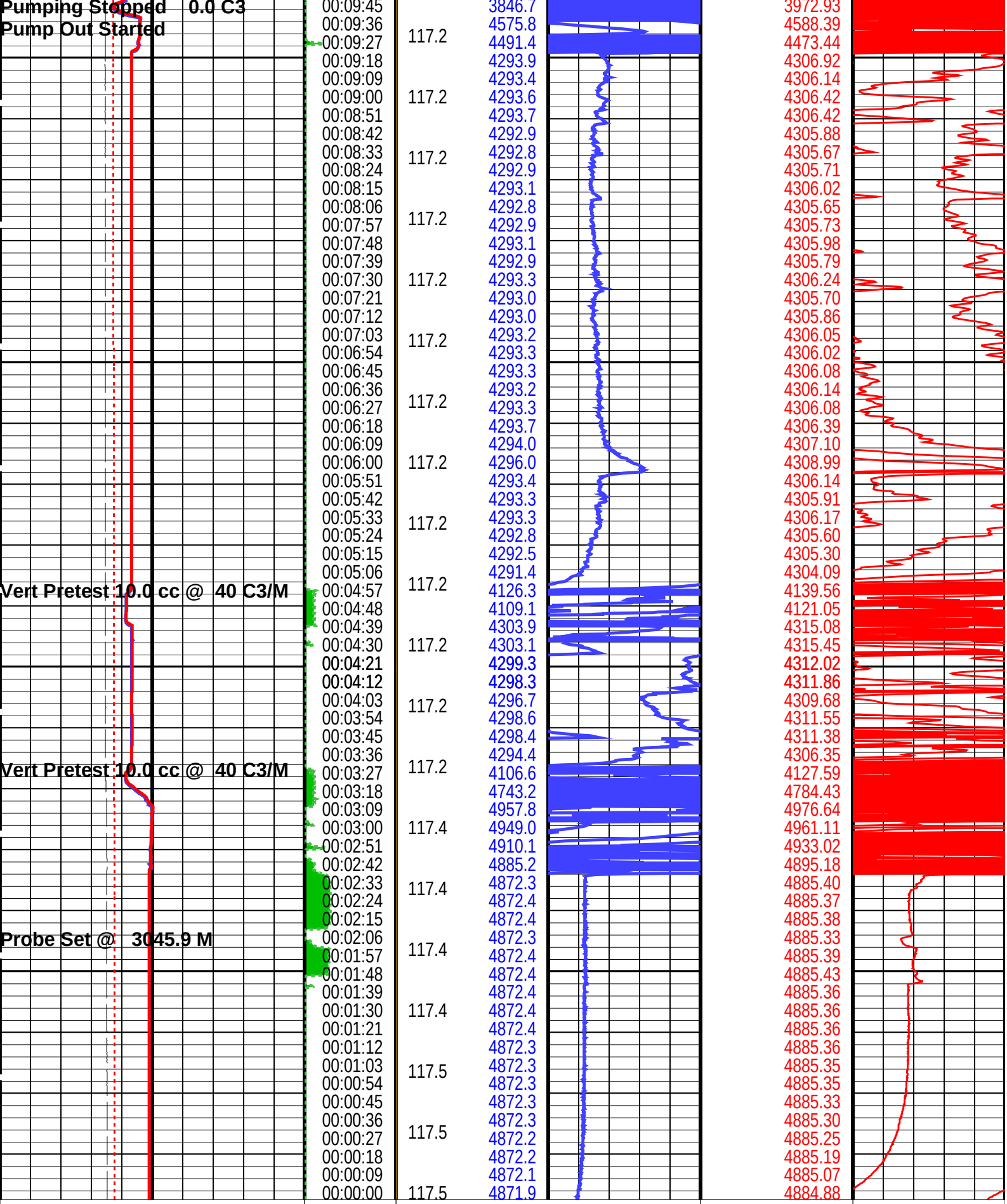
00:10:57	117.1	4292.5	4305.35
00:10:48		4292.5	4305.34
00:10:39		4292.4	4305.32
00:10:30	117.1	4292.4	4305.28
00:10:21		4292.3	4305.18
00:10:12		4292.0	4304.89
00:10:03	117.1	4291.2	4303.99
00:09:54		4284.1	4287.17



Elapsed Time (ETIM) (S)	MRHY 1 Motor Speed	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure	MRPOUD Solenoid 3 Status (POUDS3) (-----	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:09:45		3846.7			3972.93	
00:09:36		4575.8			4588.39	
00:09:27	117.2	4491.4			4473.44	
00:09:18		4293.9			4306.92	
00:09:09		4293.4			4306.14	
00:09:00	117.2	4293.6			4306.42	
00:08:51		4293.7			4306.42	
00:08:42		4292.9			4305.88	
00:08:33	117.2	4292.8			4305.67	
00:08:24		4292.9			4305.71	
00:08:15		4293.1			4306.02	
00:08:06		4292.8			4305.65	
00:07:57	117.2	4292.9			4305.73	
00:07:48		4293.1			4305.98	
00:07:39		4292.9			4305.79	
00:07:30	117.2	4293.3			4306.24	
00:07:21		4293.0			4305.70	
00:07:12		4293.0			4305.86	
00:07:03	117.2	4293.2			4306.05	
00:06:54		4293.3			4306.02	
00:06:45		4293.3			4306.08	
00:06:36		4293.2			4306.14	
00:06:27	117.2	4293.3			4306.08	
00:06:18		4293.7			4306.39	
00:06:09		4294.0			4307.10	
00:06:00	117.2	4296.0			4308.99	
00:05:51		4293.4			4306.14	
00:05:42		4293.3			4305.91	
00:05:33	117.2	4293.3			4306.17	
00:05:24		4292.8			4305.60	
00:05:15		4292.5			4305.30	
00:05:06		4291.4			4304.09	
00:04:57	117.2	4126.3			4139.56	
00:04:48		4109.1			4121.05	
00:04:39		4303.9			4315.08	
00:04:30	117.2	4303.1			4315.45	
00:04:21		4299.3			4312.02	
00:04:12		4298.3			4311.86	
00:04:03	117.2	4296.7			4309.68	
00:03:54		4298.6			4311.55	
00:03:45		4298.4			4311.38	
00:03:36		4294.4			4306.35	
00:03:27	117.2	4106.6			4127.59	
00:03:18		4743.2			4784.43	
00:03:09		4957.8			4976.64	
00:03:00	117.4	4949.0			4961.11	
00:02:51		4910.1			4933.02	
00:02:42		4885.2			4895.18	
00:02:33	117.4	4872.3			4885.40	
00:02:24		4872.4			4885.37	
00:02:15		4872.4			4885.38	
00:02:06		4872.3			4885.33	
00:01:57	117.4	4872.4			4885.39	
00:01:48		4872.4			4885.43	
00:01:39		4872.4			4885.36	
00:01:30	117.4	4872.4			4885.36	
00:01:21		4872.4			4885.36	
00:01:12		4872.3			4885.36	
00:01:03	117.5	4872.3			4885.35	
00:00:54		4872.3			4885.35	
00:00:45		4872.3			4885.33	
00:00:36		4872.3			4885.30	
00:00:27	117.5	4872.2			4885.25	
00:00:18		4872.2			4885.19	
00:00:09		4872.1			4885.07	
00:00:00	117.5	4871.9			4884.88	

MRPS 1 Quartz Gauge Pressure (BQP1)	Speed (HMS1) (RPM)	Gauge Pressure (BSG1) (PSIG)	Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:51

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_291LTP	FN:458	PRODUCER	02−Dec−2004 11:12	3045.9 M	12.6 M

Output DLIS Files

DEFAULT	MDT_OFA_084PTP	FN:83	PRODUCER	06−Dec−2004 12:51

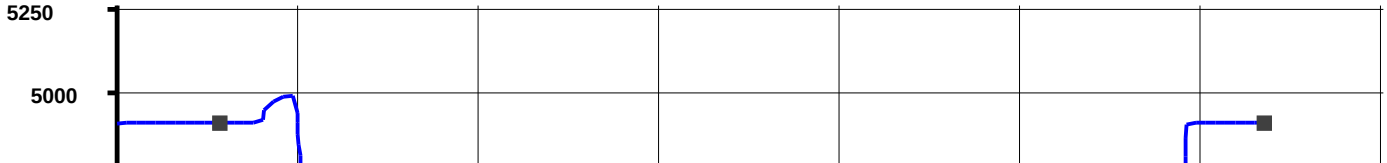
Schlumberger

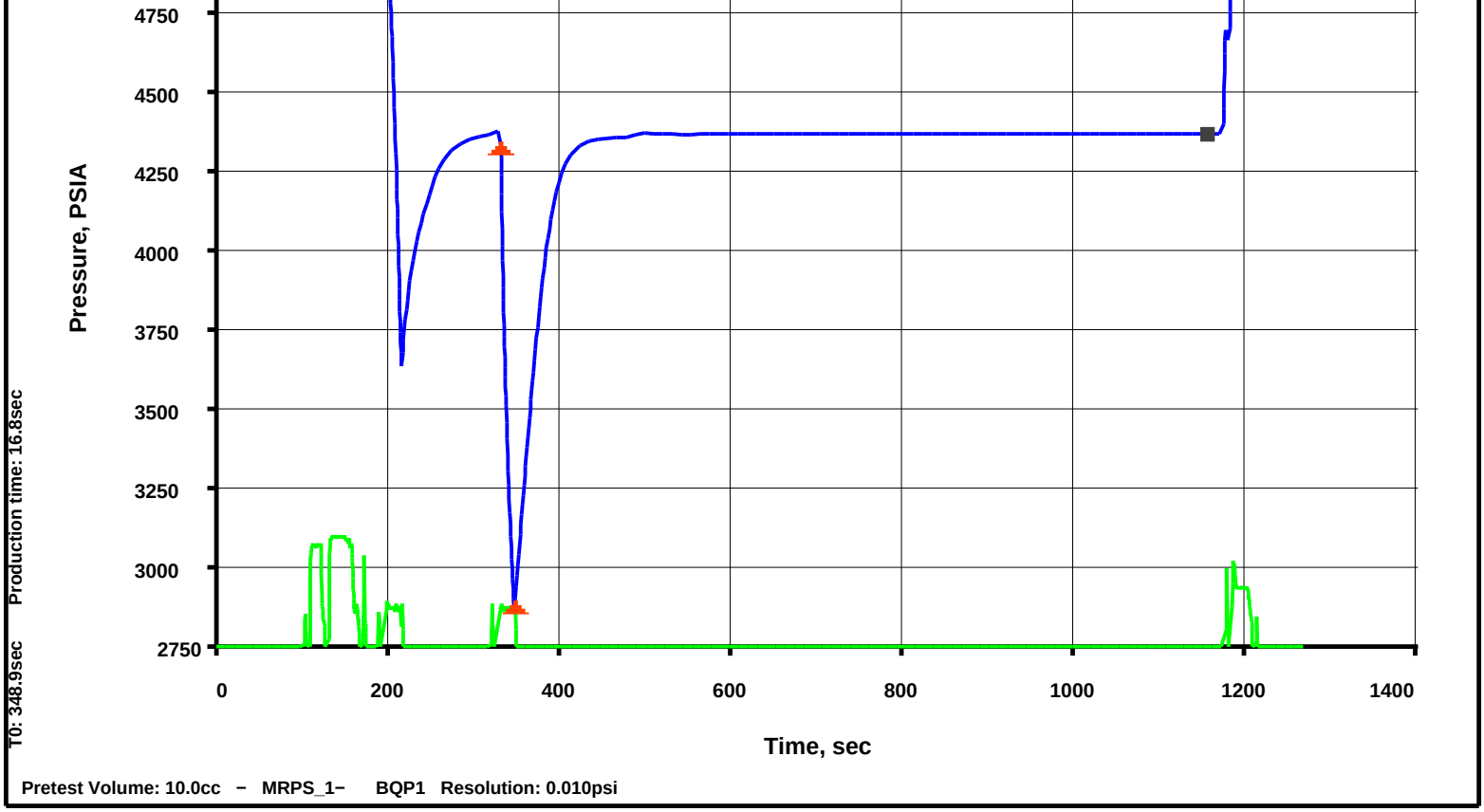
Pretest @ 3054.5 mMD

MAXIS Field Log

File 290 Depth, M: 3054.46 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4898.93
Mud Pressure after test, PSIA:	4898.58
Last build−up pressure, PSIA:	4360.58
Draw−down mobility, md/cp:	0.4





Output DLIS Files

DEFAULT	MDT_OFA_290LTP	FN:456	PRODUCER	30−Nov−2004 04:12	3054.5 M	3.3 M
BACKUP	MDT_OFA_290LTP	FN:457	PRODUCER	30−Nov−2004 04:12	3054.5 M	3.3 M

Elapsed Time (s)	Event Summary
1179.3	Retract Single Probe Module (MRPS) 1
326.4	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
194.1	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
127.5	Probe Set @ 3054.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

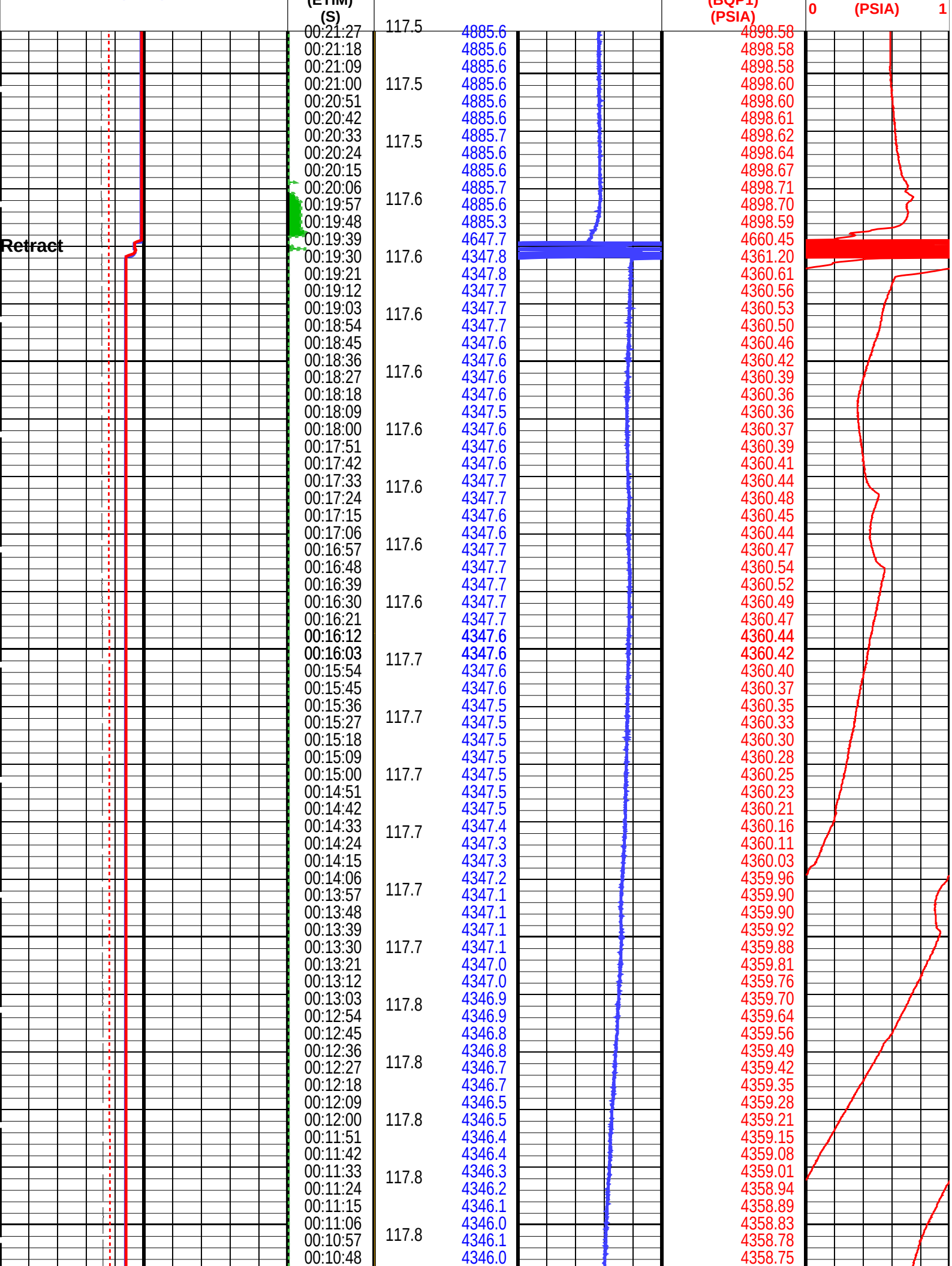
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM)

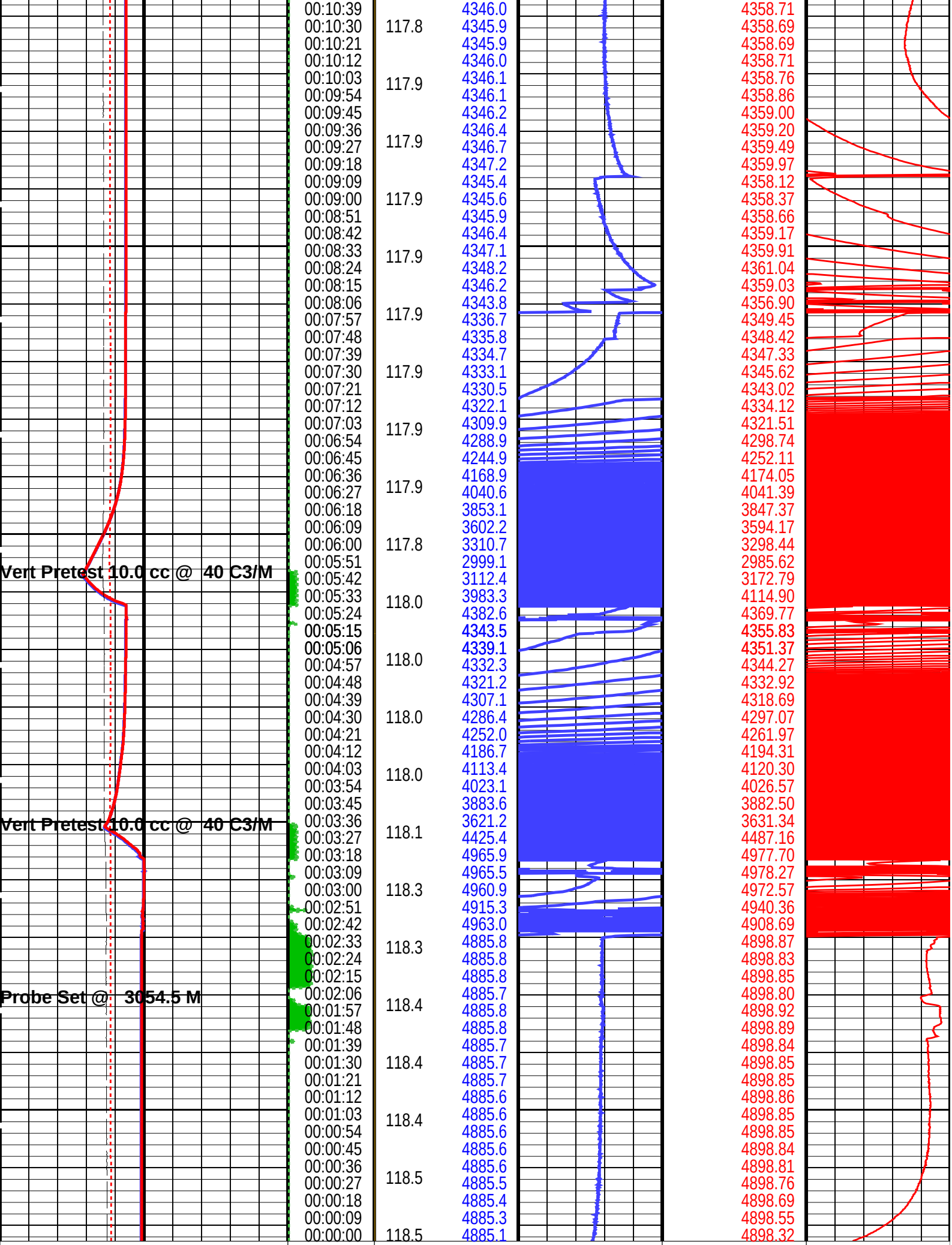
MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1)

MRPS 1 Quartz Gauge Pressure (BQP1)



(ETIM) (S)			(BQP1) (PSIA)
00:21:27	117.5	4885.6	4898.58
00:21:18		4885.6	4898.58
00:21:09		4885.6	4898.58
00:21:00	117.5	4885.6	4898.60
00:20:51		4885.6	4898.60
00:20:42		4885.6	4898.61
00:20:33	117.5	4885.7	4898.62
00:20:24		4885.6	4898.64
00:20:15		4885.6	4898.67
00:20:06	117.6	4885.7	4898.71
00:19:57		4885.6	4898.70
00:19:48		4885.3	4898.59
00:19:39		4647.7	4660.45
00:19:30	117.6	4347.8	4361.20
00:19:21		4347.8	4360.61
00:19:12		4347.7	4360.56
00:19:03	117.6	4347.7	4360.53
00:18:54		4347.7	4360.50
00:18:45		4347.6	4360.46
00:18:36	117.6	4347.6	4360.42
00:18:27		4347.6	4360.39
00:18:18		4347.6	4360.36
00:18:09		4347.5	4360.36
00:18:00	117.6	4347.6	4360.37
00:17:51		4347.6	4360.39
00:17:42		4347.6	4360.41
00:17:33	117.6	4347.7	4360.44
00:17:24		4347.7	4360.48
00:17:15		4347.6	4360.45
00:17:06	117.6	4347.6	4360.44
00:16:57		4347.7	4360.47
00:16:48		4347.7	4360.54
00:16:39		4347.7	4360.52
00:16:30	117.6	4347.7	4360.49
00:16:21		4347.7	4360.47
00:16:12		4347.6	4360.44
00:16:03	117.7	4347.6	4360.42
00:15:54		4347.6	4360.40
00:15:45		4347.6	4360.37
00:15:36	117.7	4347.5	4360.35
00:15:27		4347.5	4360.33
00:15:18		4347.5	4360.30
00:15:09		4347.5	4360.28
00:15:00	117.7	4347.5	4360.25
00:14:51		4347.5	4360.23
00:14:42		4347.5	4360.21
00:14:33	117.7	4347.4	4360.16
00:14:24		4347.3	4360.11
00:14:15		4347.3	4360.03
00:14:06	117.7	4347.2	4359.96
00:13:57		4347.1	4359.90
00:13:48		4347.1	4359.90
00:13:39		4347.1	4359.92
00:13:30	117.7	4347.1	4359.88
00:13:21		4347.0	4359.81
00:13:12		4347.0	4359.76
00:13:03	117.8	4346.9	4359.70
00:12:54		4346.9	4359.64
00:12:45		4346.8	4359.56
00:12:36	117.8	4346.8	4359.49
00:12:27		4346.7	4359.42
00:12:18		4346.7	4359.35
00:12:09		4346.5	4359.28
00:12:00	117.8	4346.5	4359.21
00:11:51		4346.4	4359.15
00:11:42		4346.4	4359.08
00:11:33	117.8	4346.3	4359.01
00:11:24		4346.2	4358.94
00:11:15		4346.1	4358.89
00:11:06	117.8	4346.0	4358.83
00:10:57		4346.1	4358.78
00:10:48		4346.0	4358.75


Vert Pretest 10.0 cc @ 40 C3/M
Vert Pretest 10.0 cc @ 40 C3/M
Probe Set @ 3054.5 M
00:10:39 4346.0 4358.71
00:10:30 117.8 4345.9 4358.69
00:10:21 4345.9 4358.69
00:10:12 4346.0 4358.71
00:10:03 117.9 4346.1 4358.76
00:09:54 4346.1 4358.86
00:09:45 4346.2 4359.00
00:09:36 4346.4 4359.20
00:09:27 117.9 4346.7 4359.49
00:09:18 4347.2 4359.97
00:09:09 4345.4 4358.12
00:09:00 117.9 4345.6 4358.37
00:08:51 4345.9 4358.66
00:08:42 4346.4 4359.17
00:08:33 117.9 4347.1 4359.91
00:08:24 4348.2 4361.04
00:08:15 4346.2 4359.03
00:08:06 4343.8 4356.90
00:07:57 117.9 4336.7 4349.45
00:07:48 4335.8 4348.42
00:07:39 4334.7 4347.33
00:07:30 117.9 4333.1 4345.62
00:07:21 4330.5 4343.02
00:07:12 4322.1 4334.12
00:07:03 117.9 4309.9 4321.51
00:06:54 4288.9 4298.74
00:06:45 4244.9 4252.11
00:06:36 4168.9 4174.05
00:06:27 117.9 4040.6 4041.39
00:06:18 3853.1 3847.37
00:06:09 3602.2 3594.17
00:06:00 117.8 3310.7 3298.44
00:05:51 2999.1 2985.62
00:05:42 3112.4 3172.79
00:05:33 118.0 3983.3 4114.90
00:05:24 4382.6 4369.77
00:05:15 4343.5 4355.83
00:05:06 4339.1 4351.37
00:04:57 118.0 4332.3 4344.27
00:04:48 4321.2 4332.92
00:04:39 4307.1 4318.69
00:04:30 118.0 4286.4 4297.07
00:04:21 4252.0 4261.97
00:04:12 4186.7 4194.31
00:04:03 118.0 4113.4 4120.30
00:03:54 4023.1 4026.57
00:03:45 3883.6 3882.50
00:03:36 3621.2 3631.34
00:03:27 118.1 4425.4 4487.16
00:03:18 4965.9 4977.70
00:03:09 4965.5 4978.27
00:03:00 118.3 4960.9 4972.57
00:02:51 4915.3 4940.36
00:02:42 4963.0 4908.69
00:02:33 118.3 4885.8 4898.87
00:02:24 4885.8 4898.83
00:02:15 4885.8 4898.85
00:02:06 4885.7 4898.80
00:01:57 118.4 4885.8 4898.92
00:01:48 4885.8 4898.89
00:01:39 4885.7 4898.84
00:01:30 118.4 4885.7 4898.85
00:01:21 4885.7 4898.85
00:01:12 4885.6 4898.86
00:01:03 118.4 4885.6 4898.85
00:00:54 4885.6 4898.85
00:00:45 4885.6 4898.84
00:00:36 4885.6 4898.81
00:00:27 118.5 4885.5 4898.76
00:00:18 4885.4 4898.69
00:00:09 4885.3 4898.55
00:00:00 118.5 4885.1 4898.32
Elapsed
MRPS 1 Quartz
MRPS 1 Quartz

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

Gauge Pressure (BQP1)
0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 04:12

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_290LTP	FN:456	PRODUCER	30−Nov−2004 04:12
BACKUP	MDT_OFA_290LTP	FN:457	PRODUCER	30−Nov−2004 04:12

Schlumberger

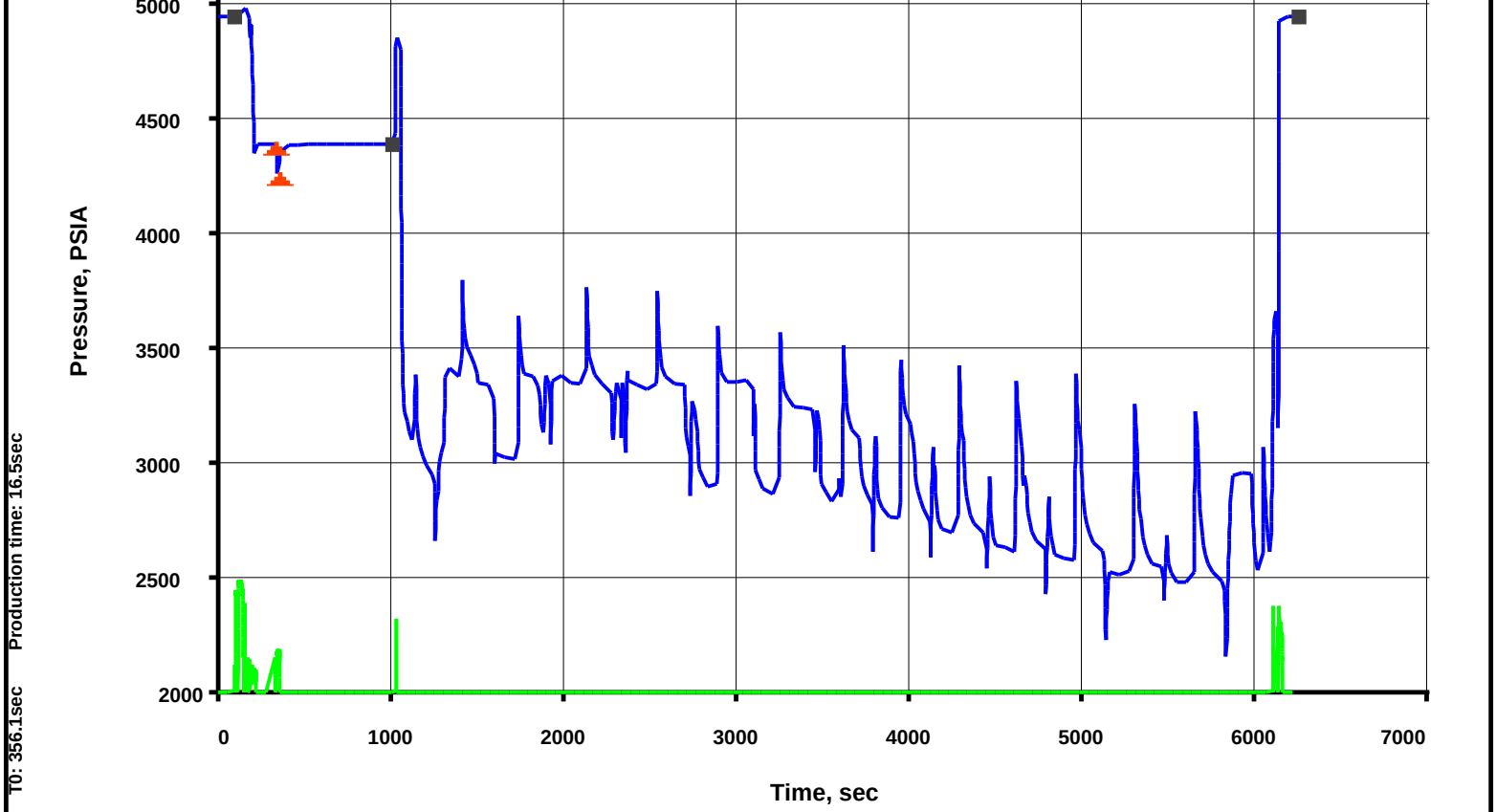
Fluid analysis and pump out
3085.0 mMD

MAXIS Field Log

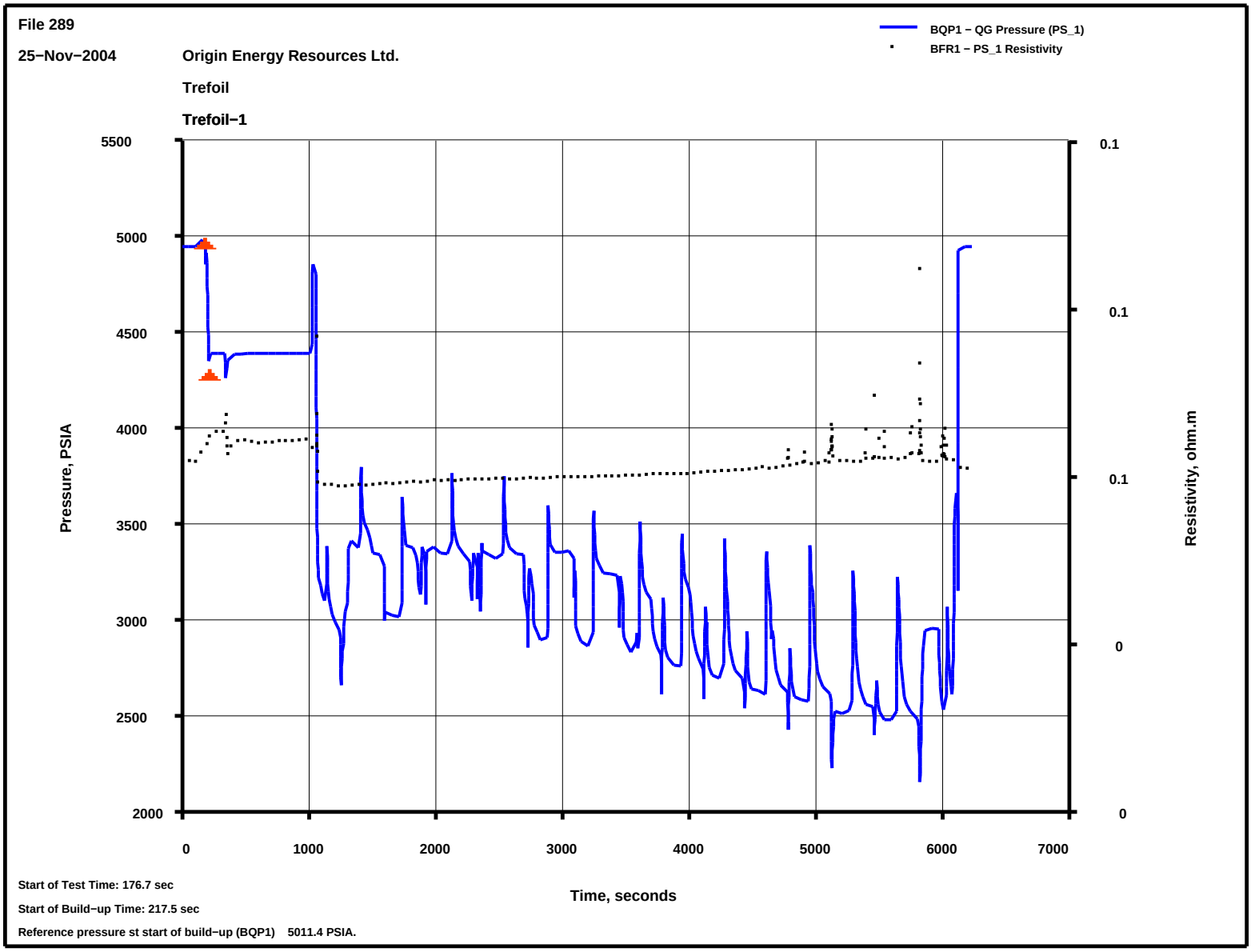
File 289 Depth, M: 3084.96 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4947.75
Mud Pressure after test, PSIA:	4946.56
Last build−up pressure, PSIA:	4389.24
Draw−down mobility, md/cp:	7.5

5500



Pretest Volume: 9.9 cc − MRPS_1− BQP1 Resolution: 0.010psi



Input DLIS Files

DEFAULT	MDT_OFA_289LTP	FN:454	PRODUCER	02−Dec−2004 11:12	3085.0 M	15.9 M

Output DLIS Files

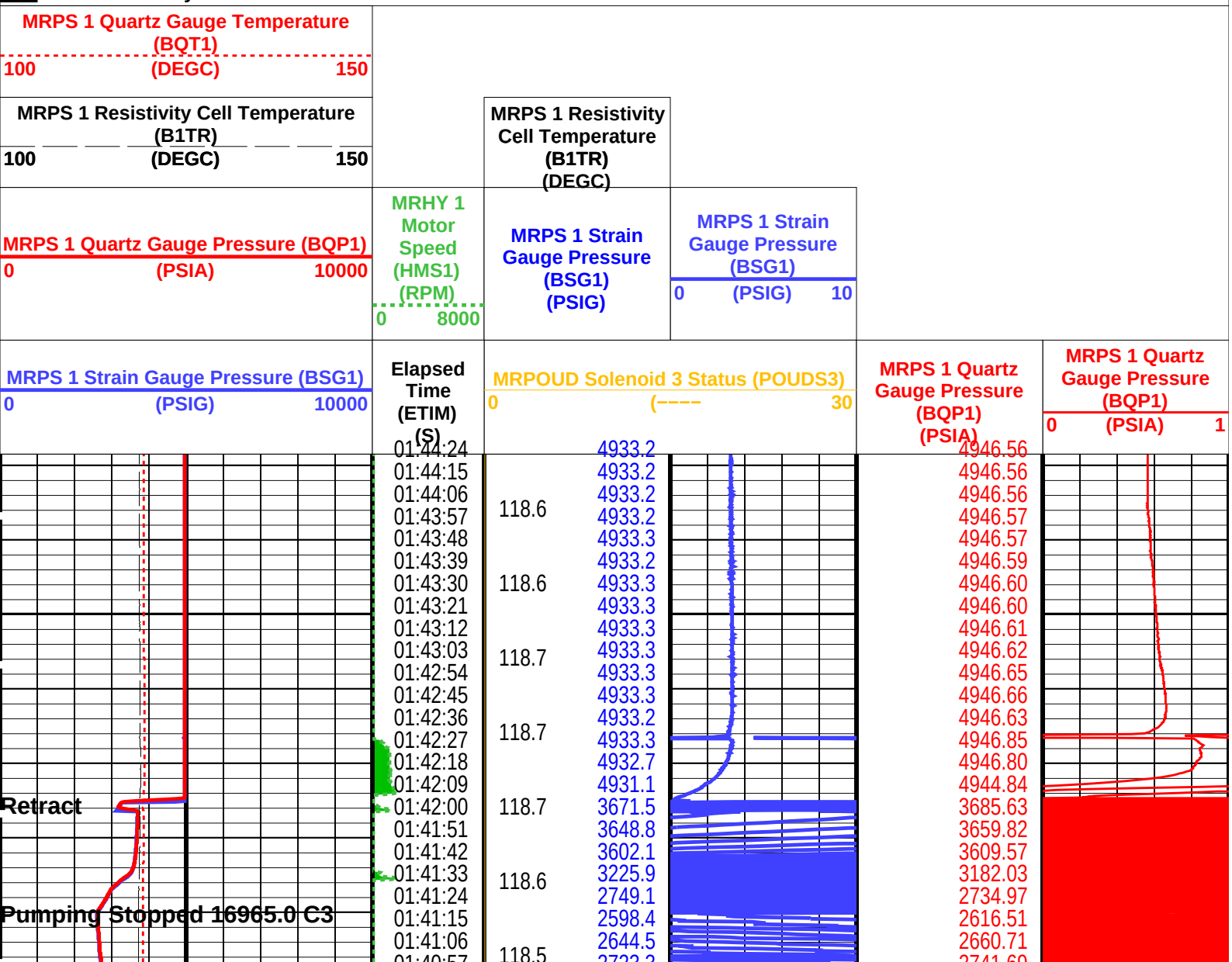
DEFAULT	MDT_OFA_083PTP	FN:82	PRODUCER	06−Dec−2004 12:46	3085.0 M	15.9 M

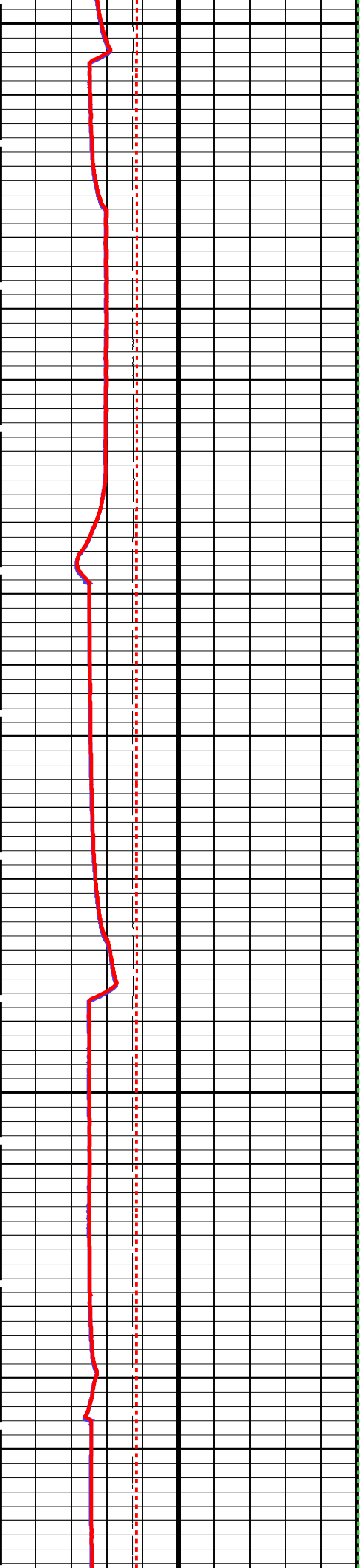
Event Summary

Elapsed Time (s)	Event Summary
6123.9	Retract Single Probe Module (MRPS) 1
6080.1	Pumping Stopped 16965.0 C3 Dual Up−down Pumpout Module (MRPOUD)
1053.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
334.8	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
176.7	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
113.7	Probe Set @ 3085.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





01:40:57		2723.3	2741.69
01:40:48		2840.5	2863.85
01:40:39		3075.7	3051.91
01:40:30	118.5	2487.1	2502.69
01:40:21		2495.1	2511.02
01:40:12		2517.3	2531.95
01:40:03	118.5	2533.1	2550.79
01:39:54		2566.6	2584.76
01:39:45		2633.7	2657.85
01:39:36		2778.6	2804.85
01:39:27	118.5	2933.7	2947.38
01:39:18		2929.7	2945.76
01:39:09		2935.4	2949.79
01:39:00	118.5	2946.5	2958.63
01:38:51		2947.9	2960.99
01:38:42		2951.1	2960.30
01:38:33	118.6	2936.1	2949.55
01:38:24		2933.7	2946.05
01:38:15		2931.0	2945.74
01:38:06		2934.7	2947.54
01:37:57	118.6	2935.9	2947.04
01:37:48		2928.7	2940.78
01:37:39		2926.4	2937.30
01:37:30	118.6	2841.7	2843.25
01:37:21		2680.2	2675.24
01:37:12		2426.4	2414.01
01:37:03	118.5	2118.2	2135.25
01:36:54		2471.9	2484.26
01:36:45		2474.1	2485.84
01:36:36		2478.5	2493.49
01:36:27	118.5	2485.5	2499.53
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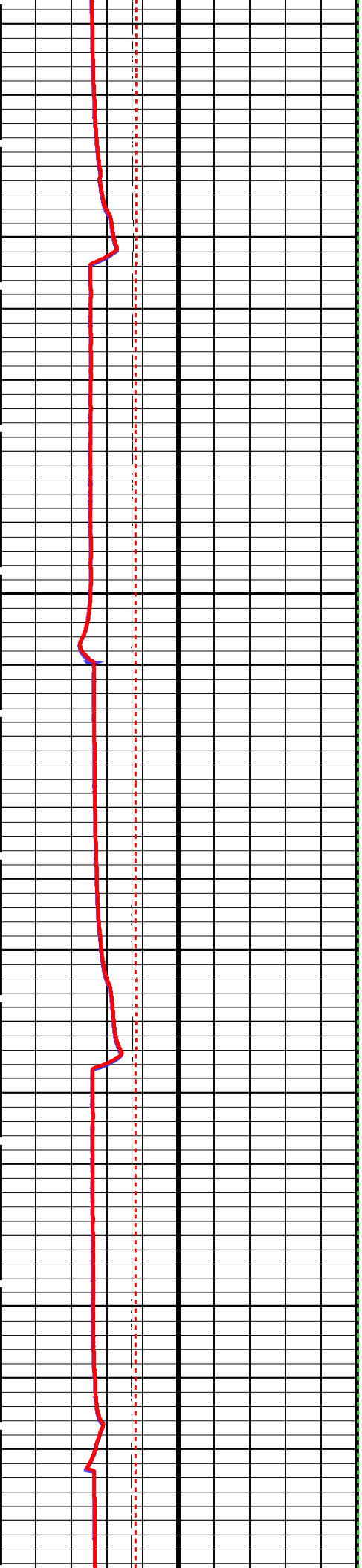

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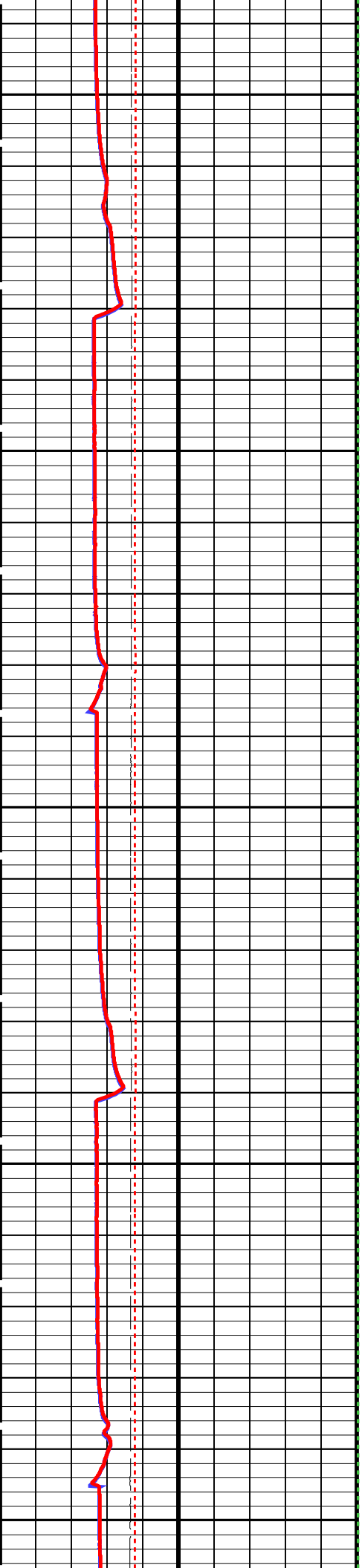

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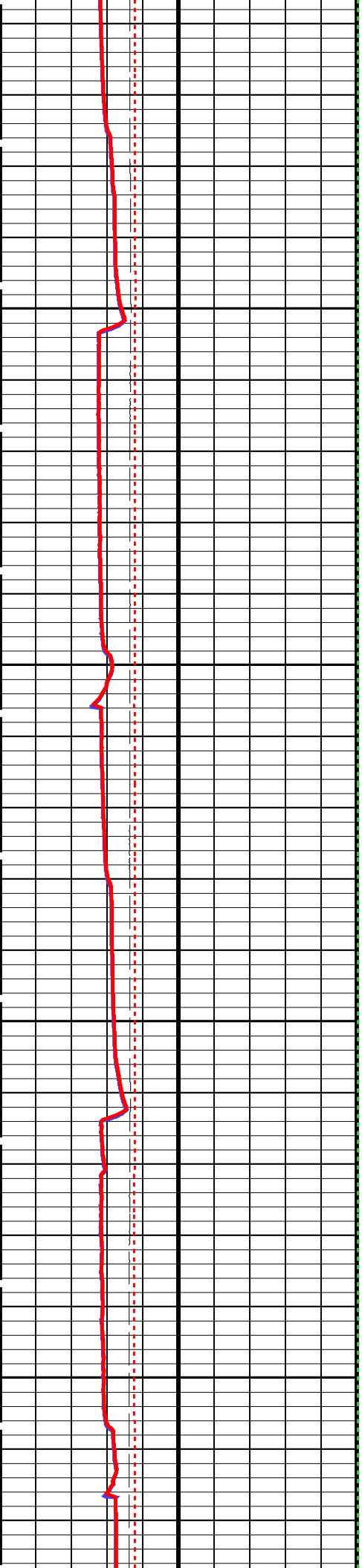

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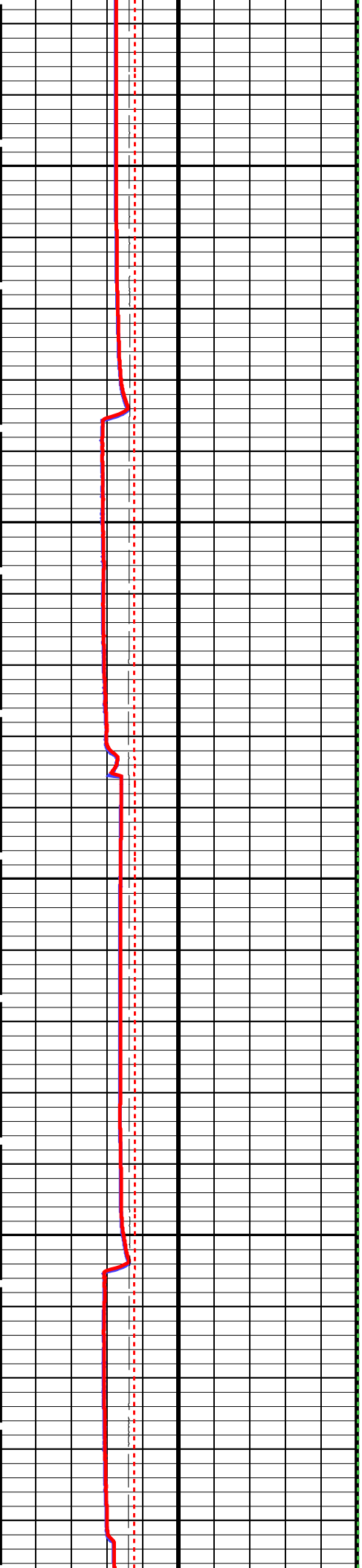

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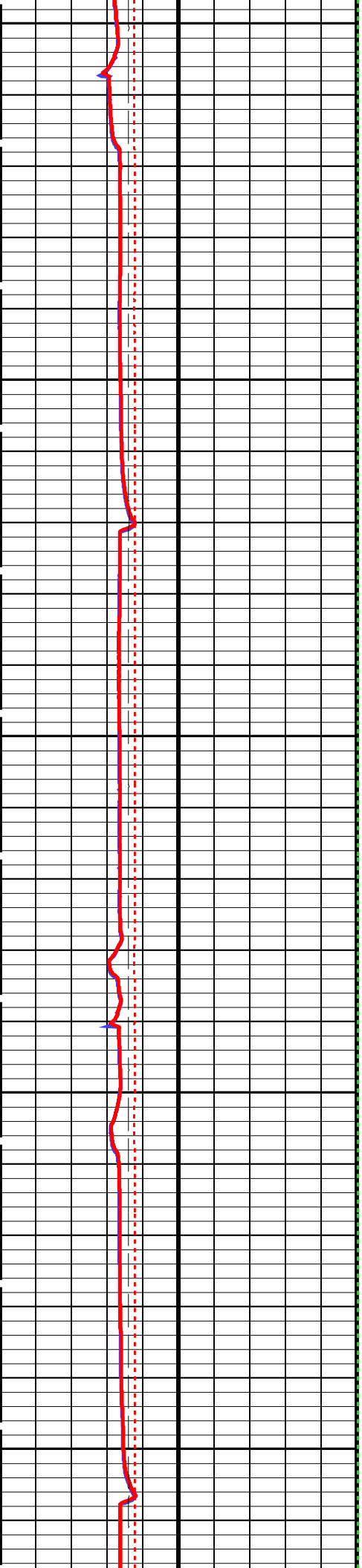

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00:37:21		3323.7	3336.57
00:37:12		3327.6	3341.26
00:37:03	117.9	3332.2	3345.35
00:36:54		3334.6	3348.04
00:36:45		3343.5	3358.52
00:36:36		3365.8	3378.49
00:36:27	117.9	3366.3	3379.34
00:36:18		3372.1	3385.72
00:36:09		3391.1	3406.61
00:36:00	117.9	3415.5	3430.05
00:35:51		3429.8	3445.33
00:35:42		3478.1	3497.55
00:35:33	117.9	3667.3	3706.43
00:35:24		3336.6	3350.59
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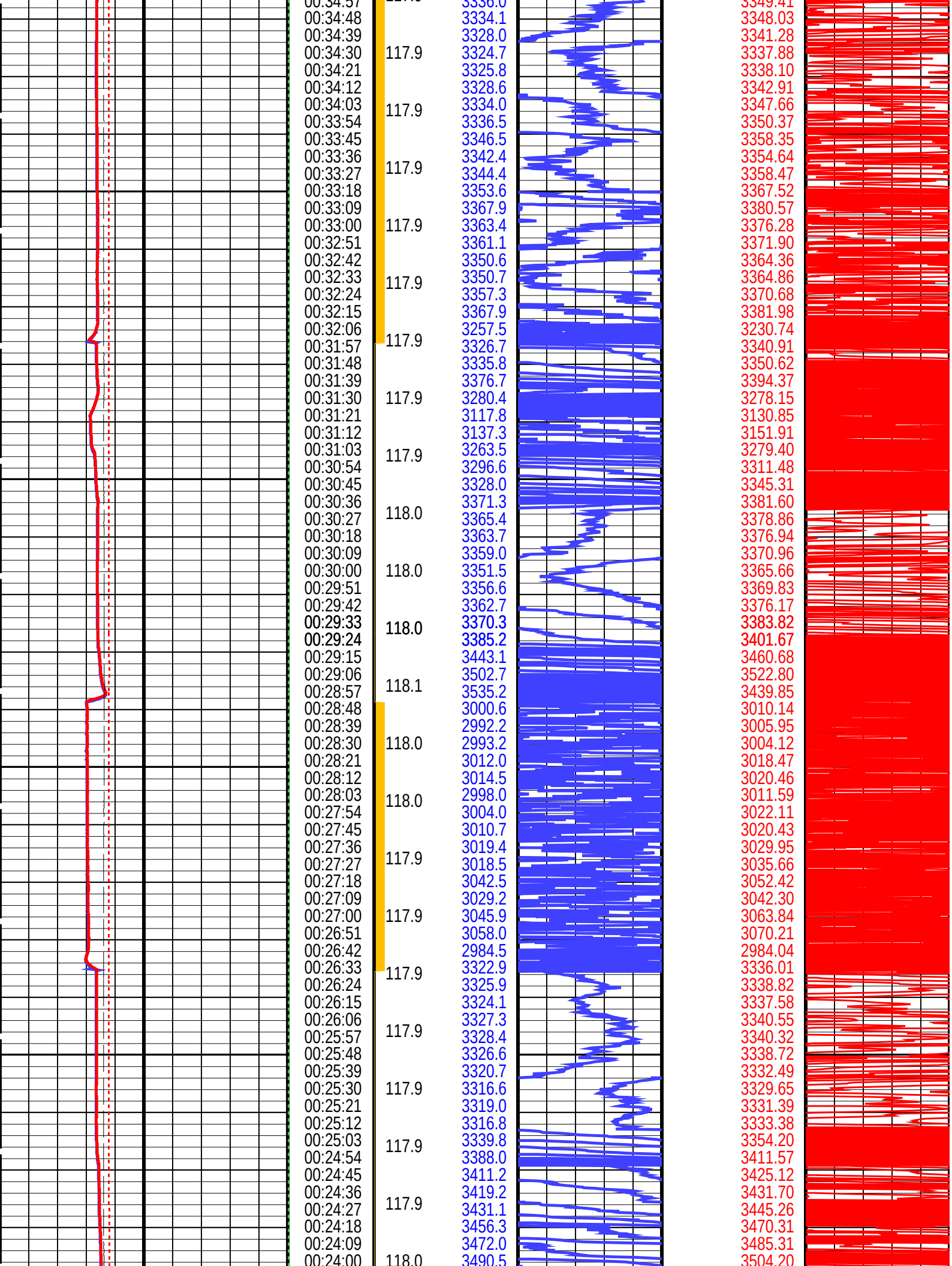

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00:34:21		3325.8	3338.10
00:34:12		3328.6	3342.91
00:34:03	117.9	3334.0	3347.66
00:33:54		3336.5	3350.37
00:33:45		3346.5	3358.35
00:33:36	117.9	3342.4	3354.64
00:33:27		3344.4	3358.47
00:33:18		3353.6	3367.52
00:33:09		3367.9	3380.57
00:33:00	117.9	3363.4	3376.28
00:32:51		3361.1	3371.90
00:32:42		3350.6	3364.36
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00:31:39		3376.7	3394.37
00:31:30	117.9	3280.4	3278.15
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00:28:30	118.0	2993.2	3004.12
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00:27:18		3042.5	3052.42
00:27:09		3029.2	3042.30
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00:25:39		3320.7	3332.49
00:25:30	117.9	3316.6	3329.65
00:25:21		3319.0	3331.39
00:25:12		3316.8	3333.38
00:25:03	117.9	3339.8	3354.20
00:24:54		3388.0	3411.57
00:24:45		3411.2	3425.12
00:24:36	117.9	3419.2	3431.70
00:24:27		3431.1	3445.26
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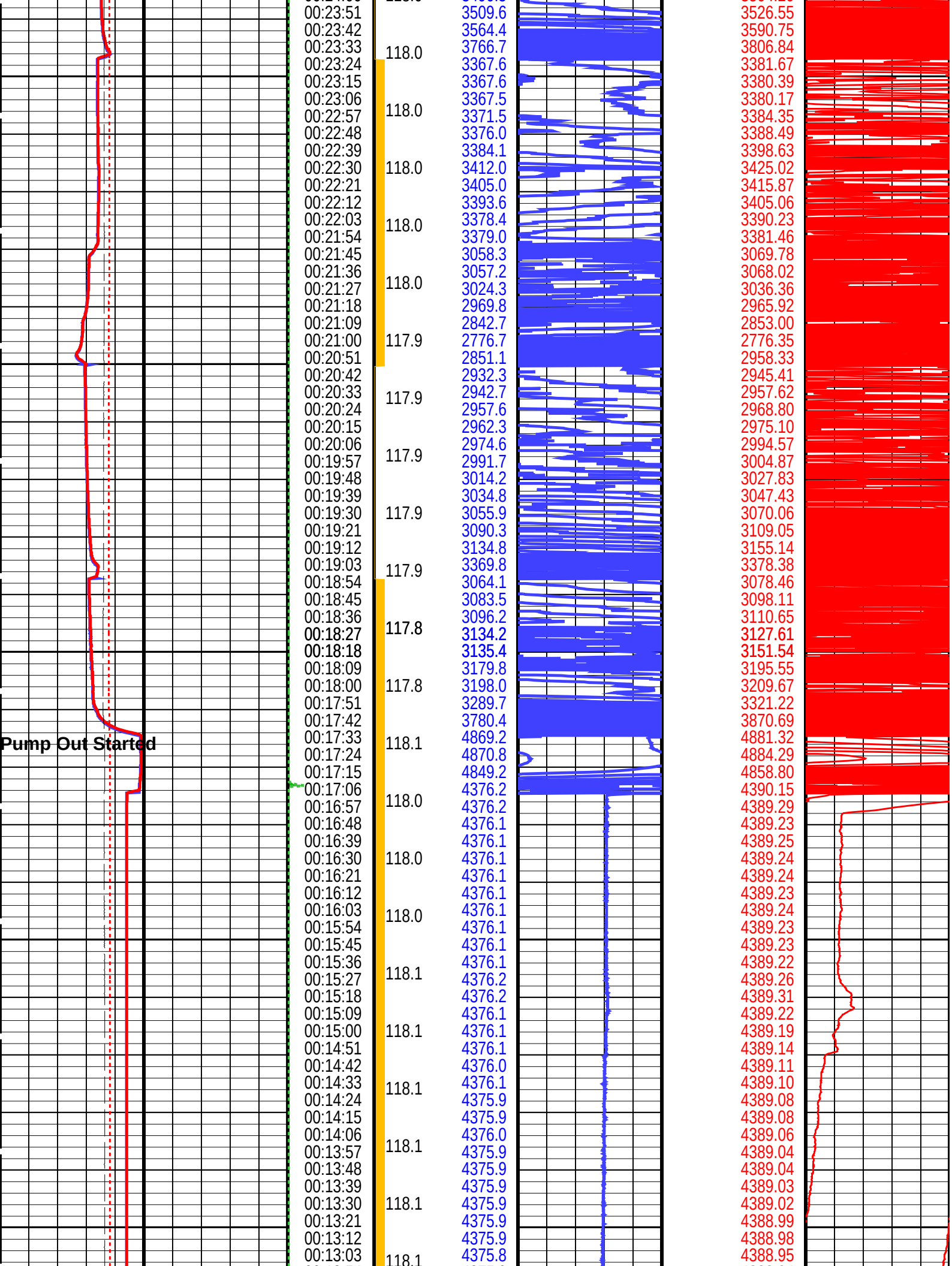

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00:22:39		3384.1	3398.63
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00:21:18		2969.8	2965.92
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00:21:00	117.9	2776.7	2776.35
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00:19:39		3034.8	3047.43
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00:17:33	118.1	4869.2	4881.32
00:17:24		4870.8	4884.29
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00:16:03	118.0	4376.1	4389.24
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00:15:36		4376.1	4389.22
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00:15:18		4376.2	4389.31
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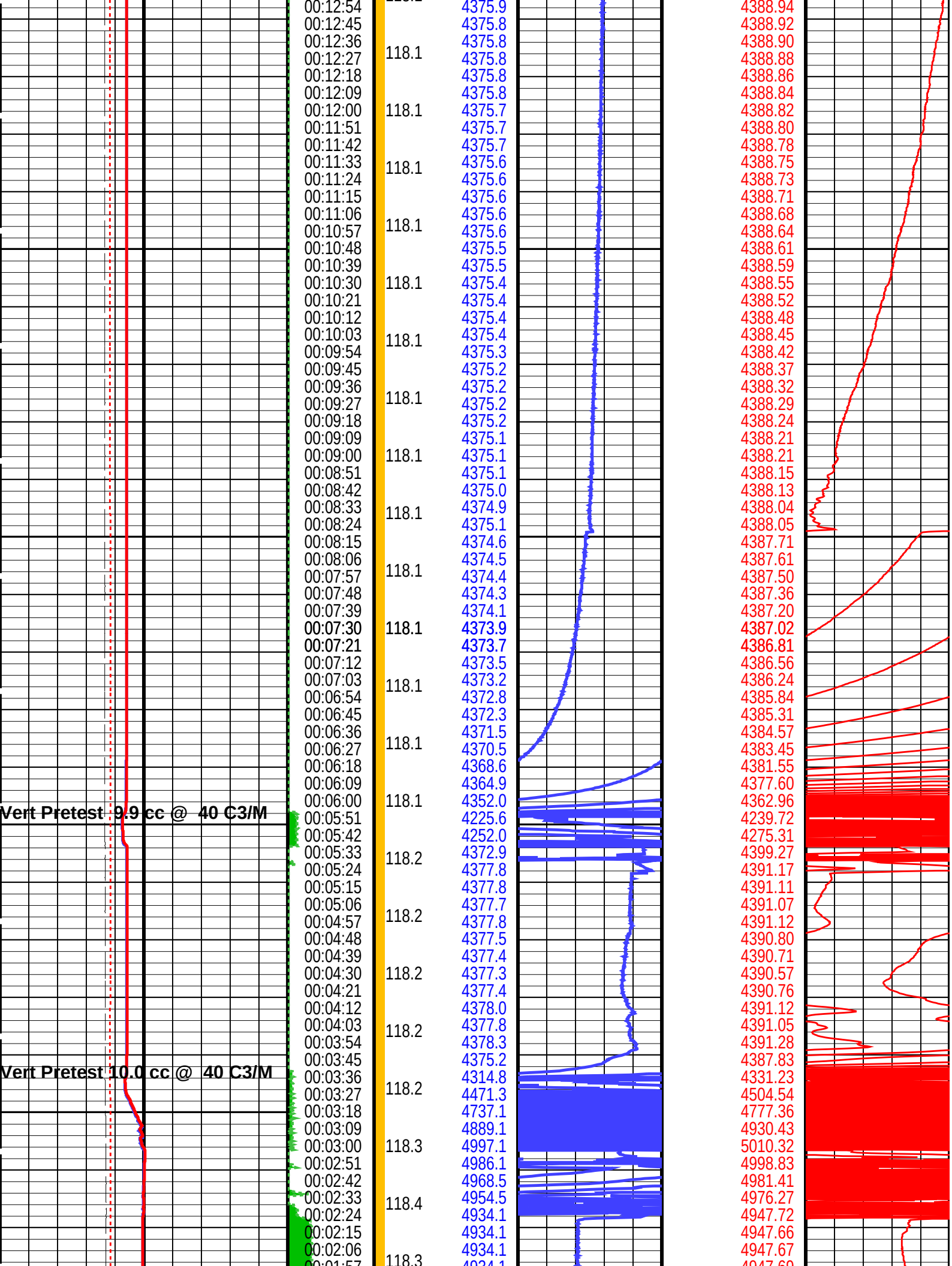

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00:08:42		4375.0	4388.13
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00:07:03	118.1	4373.2	4386.24
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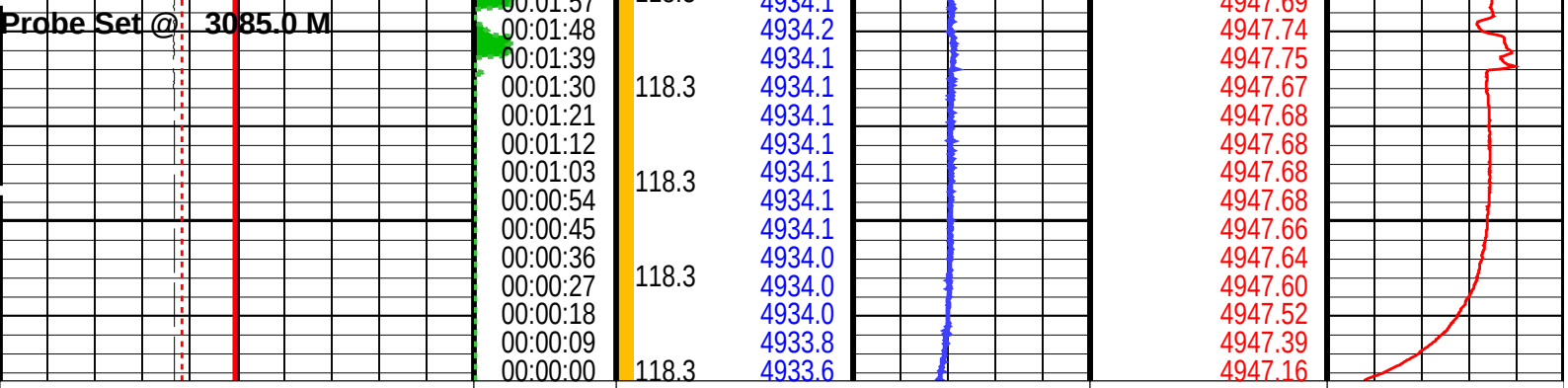


MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:46

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_289LTP	FN:454	PRODUCER	02−Dec−2004 11:12	3085.0 M	15.9 M

Output DLIS Files

DEFAULT	MDT_OFA_083PTP	FN:82	PRODUCER	06−Dec−2004 12:46

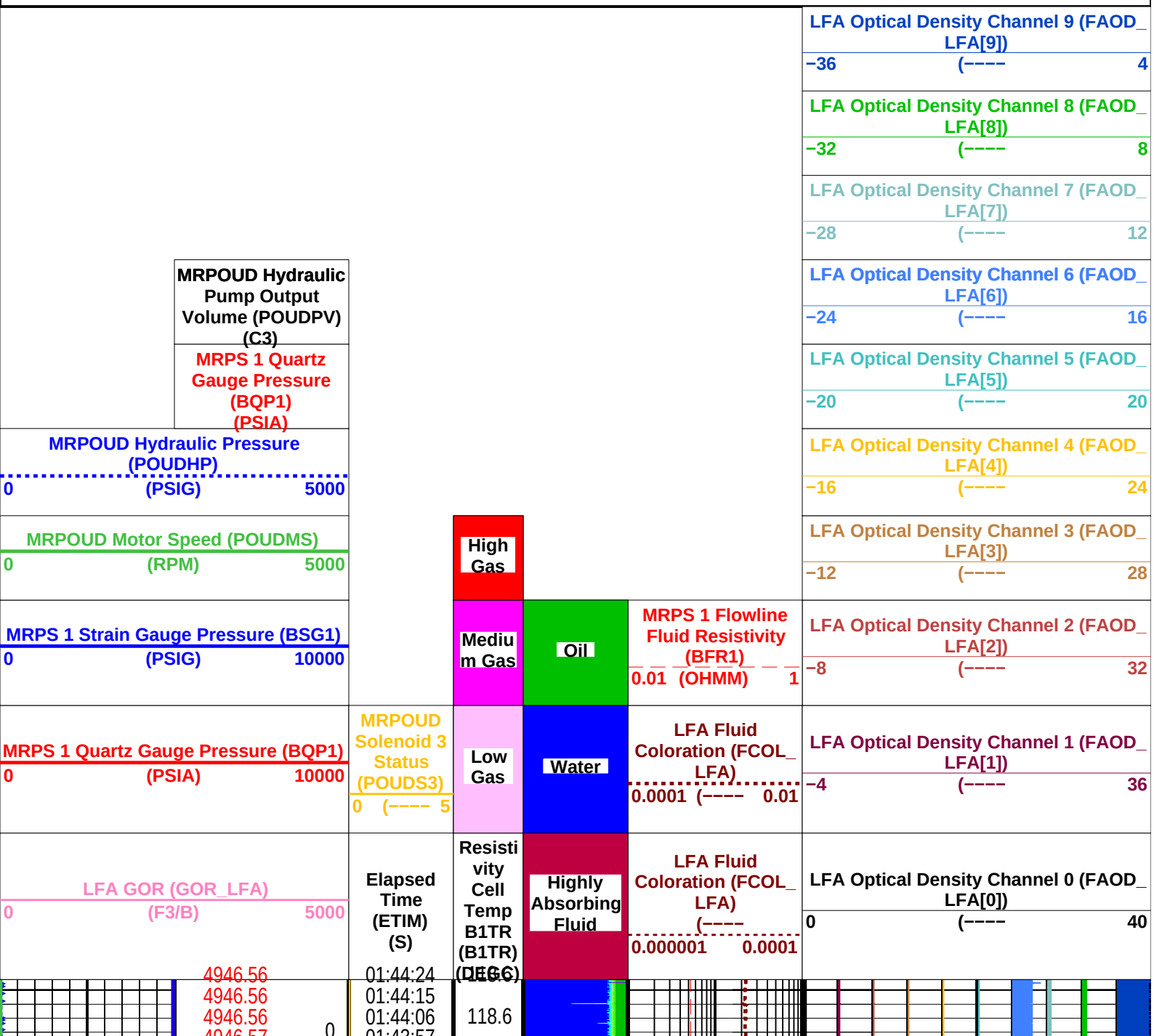
Input DLIS Files

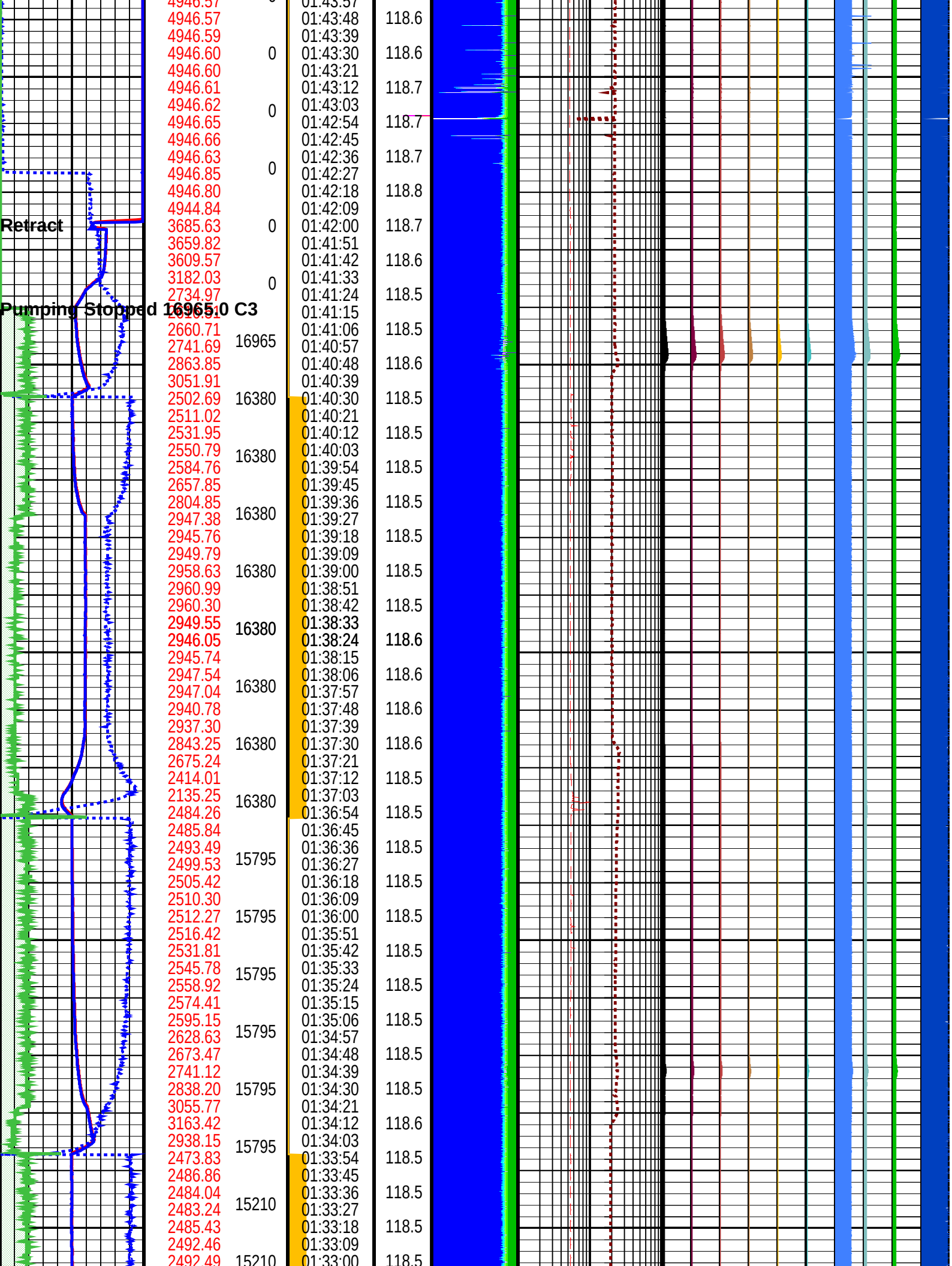
DEFAULT	MDT_OFA_289LTP	FN:454	PRODUCER	02−Dec−2004 11:12	3085.0 M	15.9 M

Output DLIS Files

DEFAULT	MDT_OFA_083PTP	FN:82	PRODUCER	06−Dec−2004 12:46	3085.0 M	15.9 M

Elapsed Time (s)	Event Summary
6123.9	Retract Single Probe Module (MRPS) 1
6080.1	Pumping Stopped 16965.0 C3 Dual Up−down Pumpout Module (MRPOUD)
1053.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
334.8	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
176.7	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
113.7	Probe Set @ 3085.0 M Single Probe Module (MRPS) 1




Retract
Pumping Stopped 16965.0 C3
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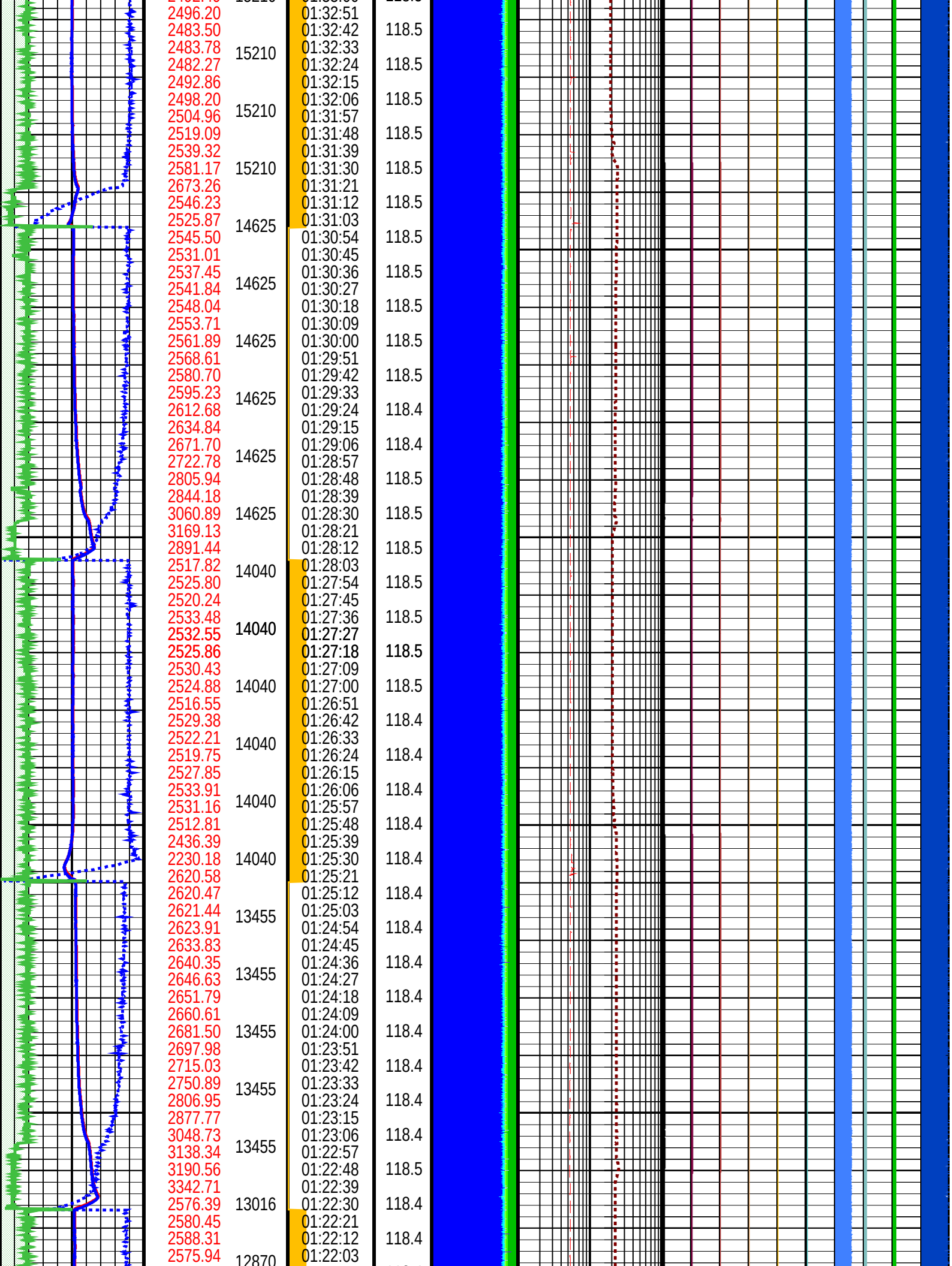

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2519.09		01:31:48	118.5
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2581.17	15210	01:31:30	118.5
2673.26		01:31:21	
2546.23		01:31:12	118.5
2525.87	14625	01:31:03	
2545.50		01:30:54	118.5
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2537.45		01:30:36	118.5
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2548.04		01:30:18	118.5
2553.71		01:30:09	
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2844.18		01:28:39	
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2660.61		01:24:09	
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3342.71		01:22:39	
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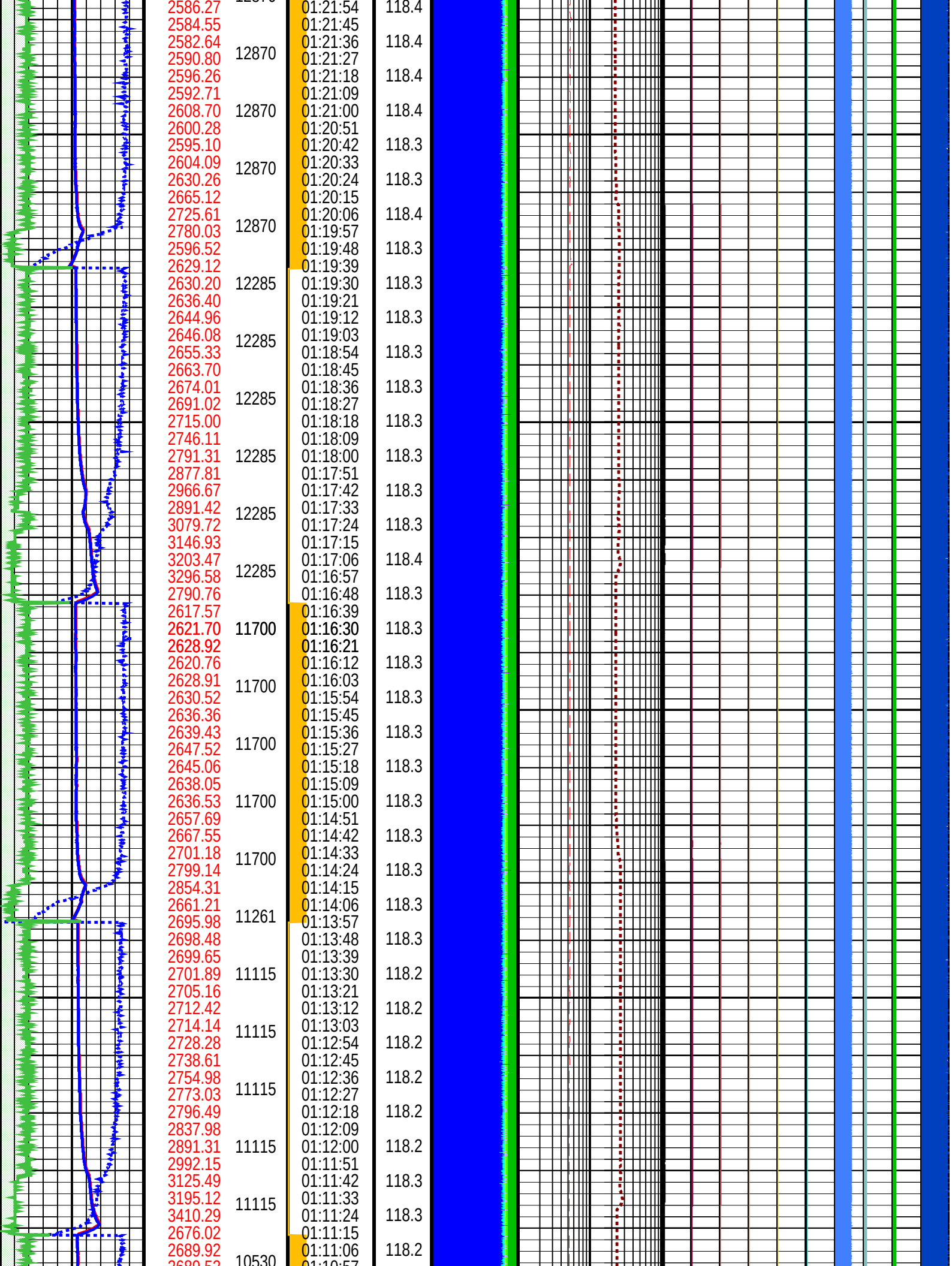

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2628.91	11700	01:16:03	
2630.52		01:15:54	118.3
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2705.16		01:13:21	
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2728.28		01:12:54	118.2
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2992.15		01:11:51	
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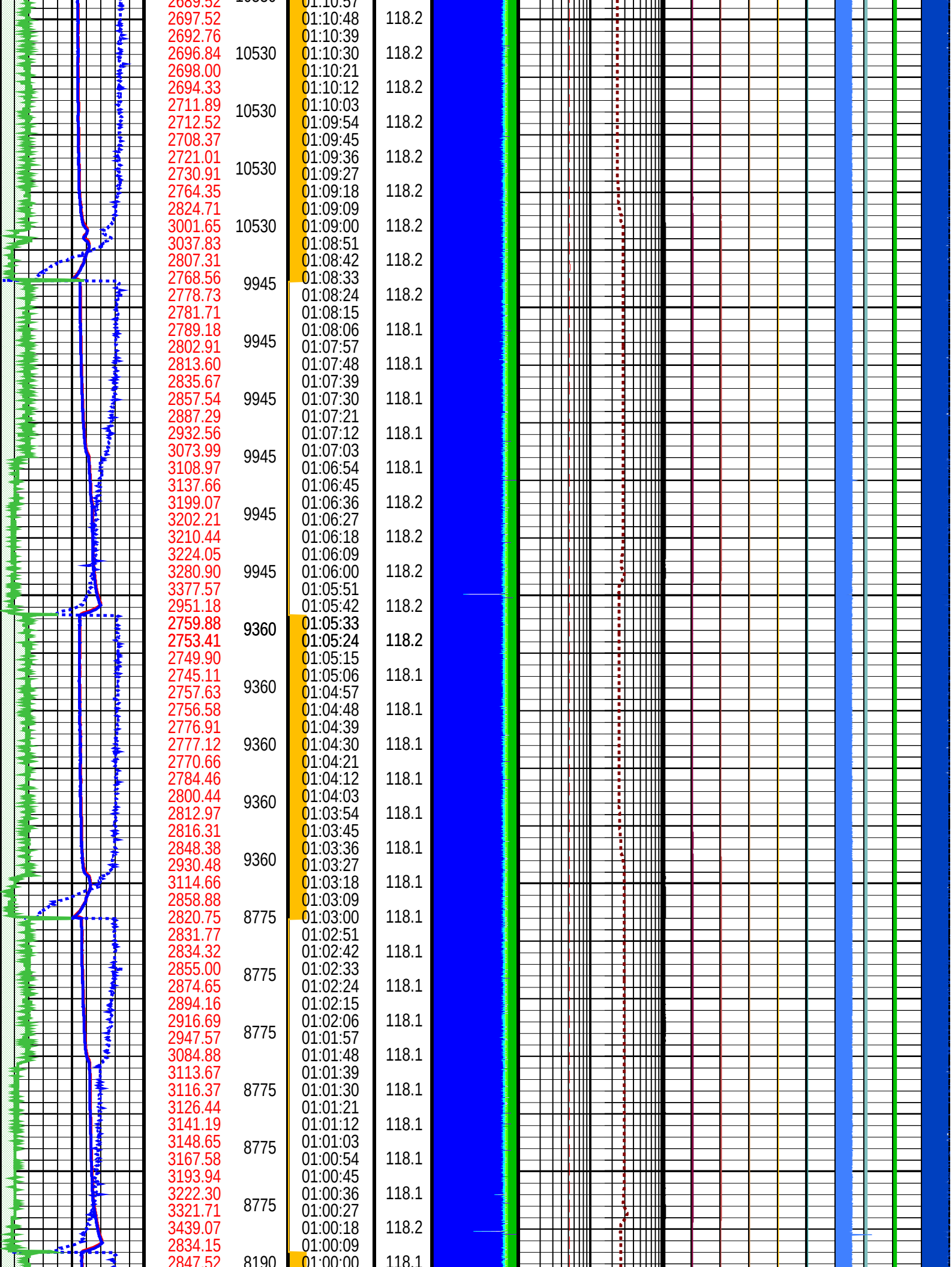

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2708.37		01:09:45	
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2764.35		01:09:18	118.2
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2932.56		01:07:12	118.1
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2759.88	9360	01:05:33	
2753.41		01:05:24	118.2
2749.90		01:05:15	
2745.11		01:05:06	118.1
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2756.58		01:04:48	118.1
2776.91		01:04:39	
2777.12	9360	01:04:30	118.1
2770.66		01:04:21	
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2800.44	9360	01:04:03	
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2816.31		01:03:45	
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2874.65		01:02:24	118.1
2894.16		01:02:15	
2916.69		01:02:06	118.1
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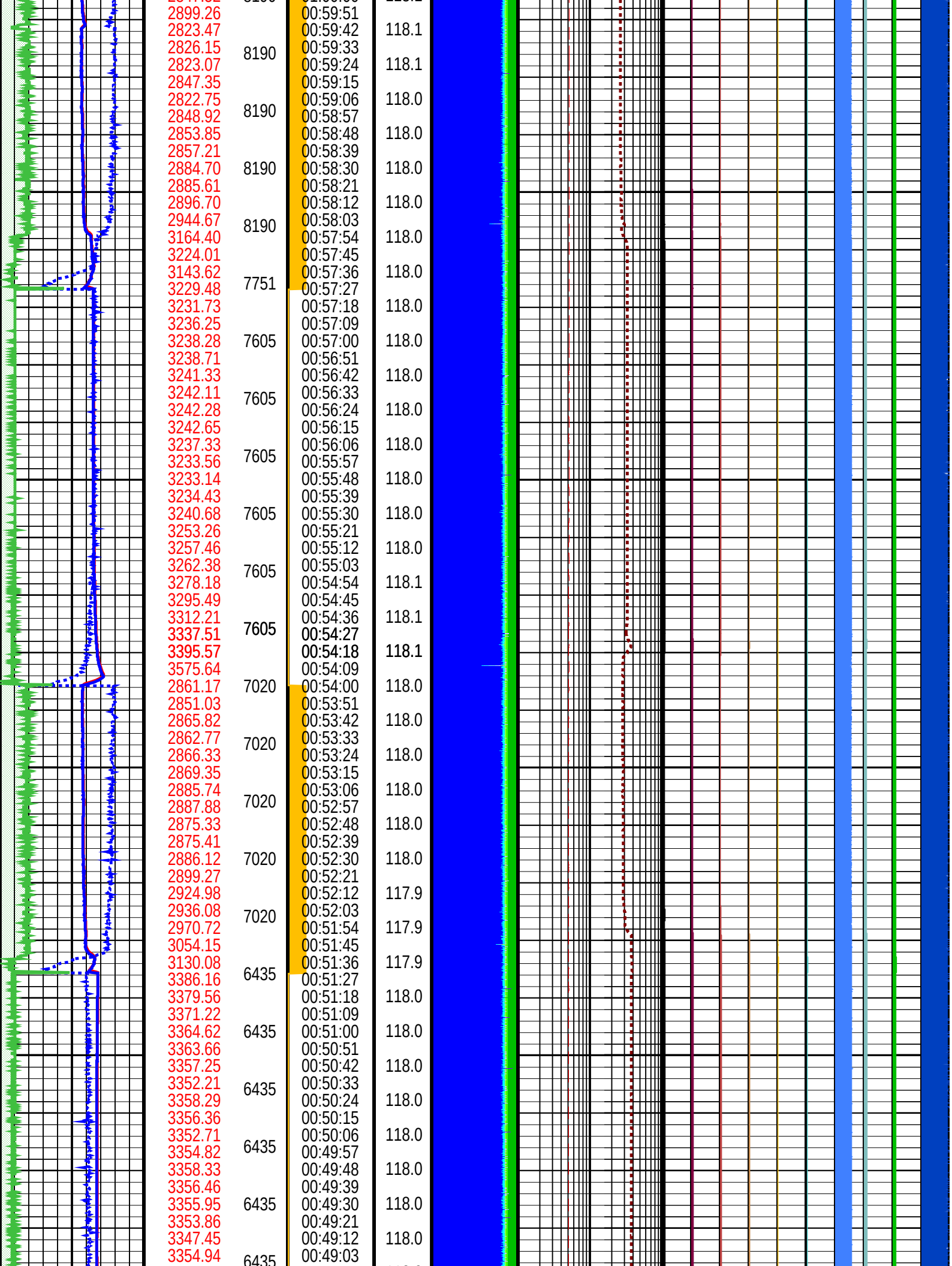

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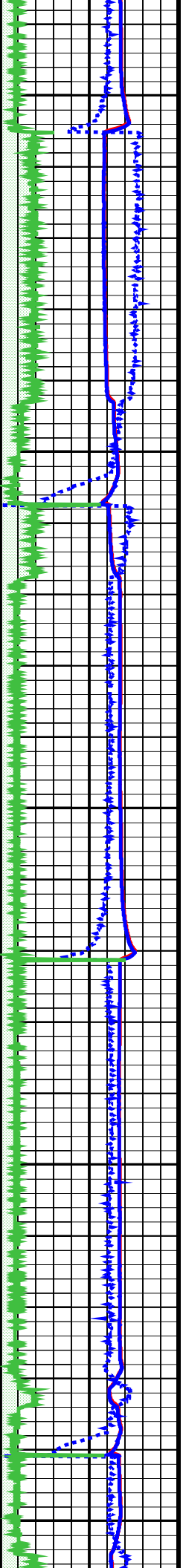

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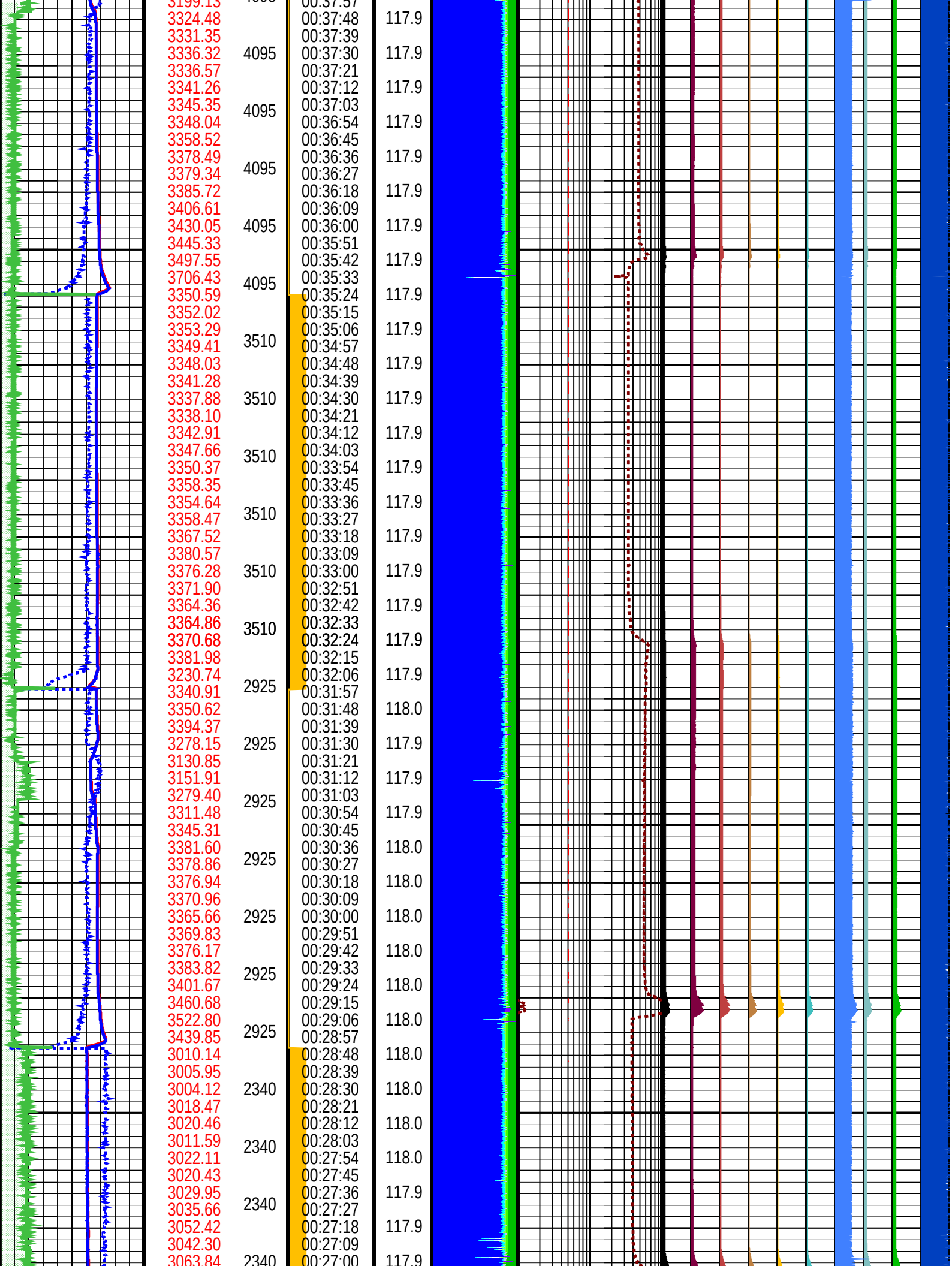

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3035.66		00:27:27	
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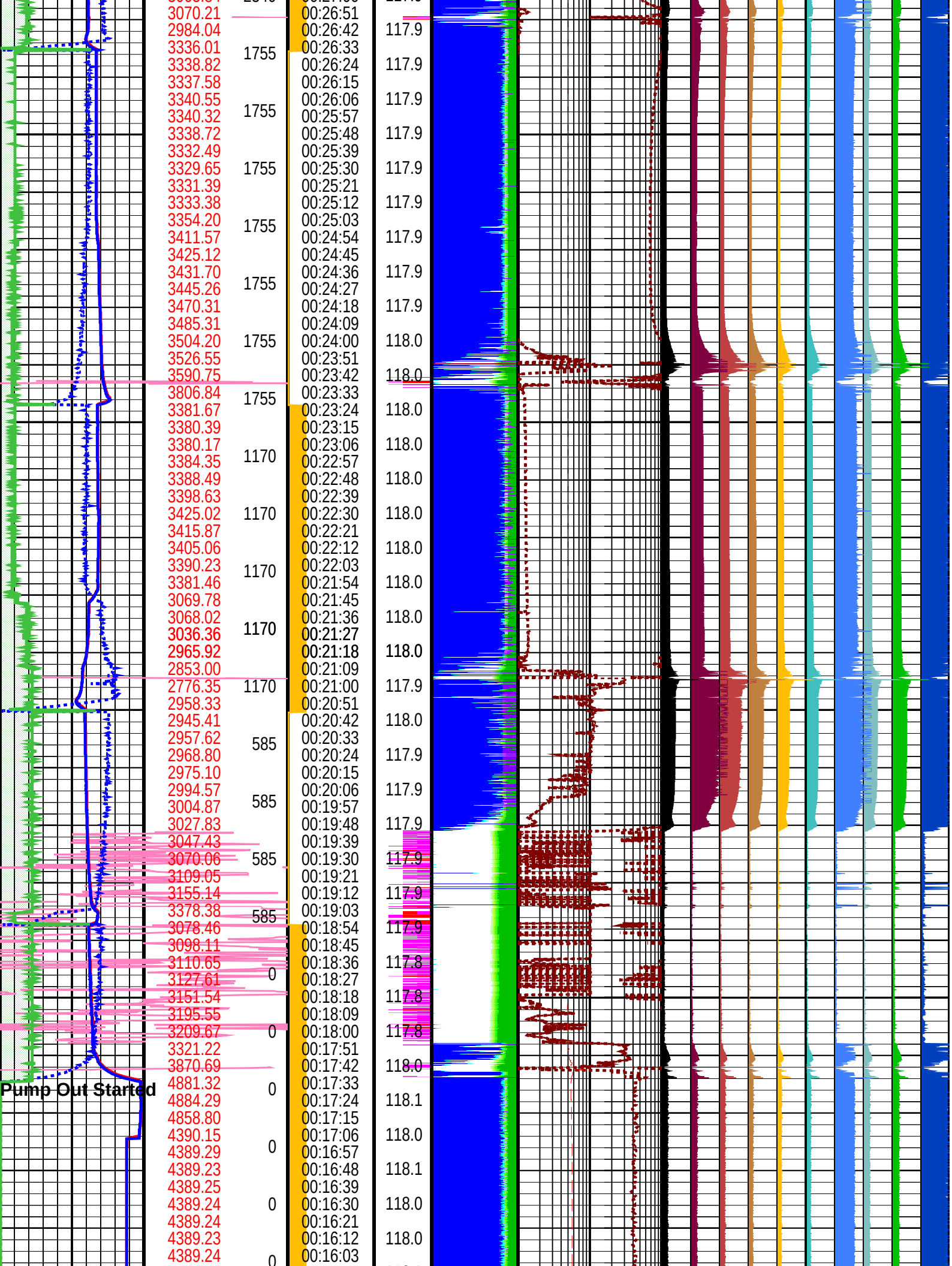

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3338.72		00:25:48	117.9
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3333.38		00:25:12	117.9
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3445.26	1755	00:24:27	
3470.31		00:24:18	117.9
3485.31		00:24:09	
3504.20	1755	00:24:00	118.0
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3590.75		00:23:42	118.0
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3381.67		00:23:24	118.0
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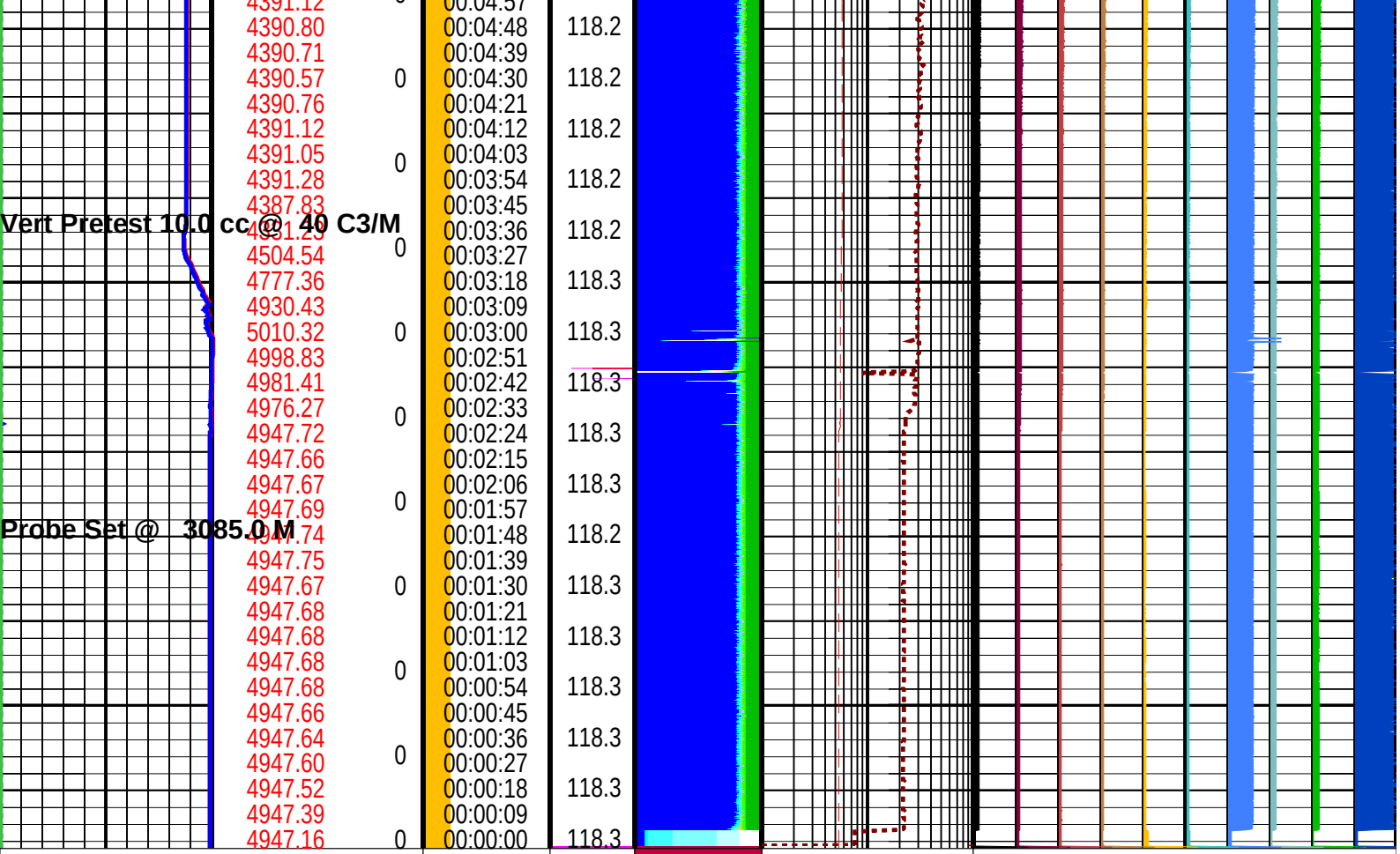
2968.80		00:20:24	117.9
2975.10		00:20:15	
2994.57		00:20:06	117.9
3004.87	585	00:19:57	
3027.83		00:19:48	117.9
3047.43		00:19:39	
3070.06	585	00:19:30	117.9
3109.05		00:19:21	
3155.14		00:19:12	117.9
3378.38	585	00:19:03	
3078.46		00:18:54	117.9
3098.11		00:18:45	
3110.65		00:18:36	117.8
3127.61	0	00:18:27	
3151.54		00:18:18	117.8
3195.55		00:18:09	
3209.67	0	00:18:00	117.8
3321.22		00:17:51	
3870.69		00:17:42	118.0
4881.32	0	00:17:33	
4884.29		00:17:24	118.1
4858.80		00:17:15	
4390.15		00:17:06	118.0
4389.29	0	00:16:57	
4389.23		00:16:48	118.1
4389.25		00:16:39	
4389.24	0	00:16:30	118.0
4389.24		00:16:21	
4389.23		00:16:12	118.0
4389.24	0	00:16:03	

4389.23		00:15:54	118.1
4389.23		00:15:45	
4389.22		00:15:36	118.1
4389.26	0	00:15:27	
4389.31		00:15:18	118.1
4389.22		00:15:09	
4389.19	0	00:15:00	118.1
4389.14		00:14:51	
4389.11		00:14:42	118.1
4389.10	0	00:14:33	
4389.08		00:14:24	118.1
4389.08		00:14:15	
4389.06		00:14:06	118.1
4389.04	0	00:13:57	
4389.04		00:13:48	118.1
4389.03		00:13:39	
4389.02	0	00:13:30	118.1
4388.99		00:13:21	
4388.98		00:13:12	118.1
4388.95	0	00:13:03	
4388.94		00:12:54	118.1
4388.92		00:12:45	
4388.90		00:12:36	118.1
4388.88	0	00:12:27	
4388.86		00:12:18	118.1
4388.84		00:12:09	
4388.82	0	00:12:00	118.1
4388.80		00:11:51	
4388.78		00:11:42	118.1
4388.75	0	00:11:33	
4388.73		00:11:24	118.1
4388.71		00:11:15	
4388.68		00:11:06	118.1
4388.64	0	00:10:57	
4388.61		00:10:48	118.1
4388.59		00:10:39	
4388.55	0	00:10:30	118.1
4388.52		00:10:21	
4388.48		00:10:12	118.1
4388.45	0	00:10:03	
4388.42		00:09:54	118.1
4388.37		00:09:45	
4388.32		00:09:36	118.1
4388.29	0	00:09:27	
4388.24		00:09:18	118.1
4388.21		00:09:09	
4388.21	0	00:09:00	118.1
4388.15		00:08:51	
4388.13		00:08:42	118.1
4388.04	0	00:08:33	
4388.05		00:08:24	118.1
4387.71		00:08:15	
4387.61		00:08:06	118.1
4387.50	0	00:07:57	
4387.36		00:07:48	118.1
4387.20		00:07:39	
4387.02	0	00:07:30	118.1
4386.81		00:07:21	
4386.56		00:07:12	118.1
4386.24	0	00:07:03	
4385.84		00:06:54	118.1
4385.31		00:06:45	
4384.57		00:06:36	118.1
4383.45	0	00:06:27	
4381.55		00:06:18	118.1
4377.60		00:06:09	
4362.96	0	00:06:00	118.1
4339.72		00:05:51	
4275.31		00:05:42	118.1
4399.27	0	00:05:33	
4391.17		00:05:24	118.2
4391.11		00:05:15	
4391.07	0	00:05:06	118.2
		00:04:57	

Vert Pretest 9.9 cc @ 40 C3/M



LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Highly Absorbing Fluid

Low Gas

Water

Medium Gas

Oil

High Gas

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

LFA Optical Density Channel 6 (FAOD_LFA[6])
-24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
-28 (---- 12

LFA Optical Density Channel 8 (FAOD_

	LFA[8])	
−32	(−−−−	8
	LFA Optical Density Channel 9 (FAOD_ LFA[9])	
−36	(−−−−	4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:46

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_289LTP	FN:454	PRODUCER	02−Dec−2004 11:12	3085.0 M	15.9 M

Output DLIS Files

DEFAULT	MDT_OFA_083PTP	FN:82	PRODUCER	06−Dec−2004 12:46

Schlumberger

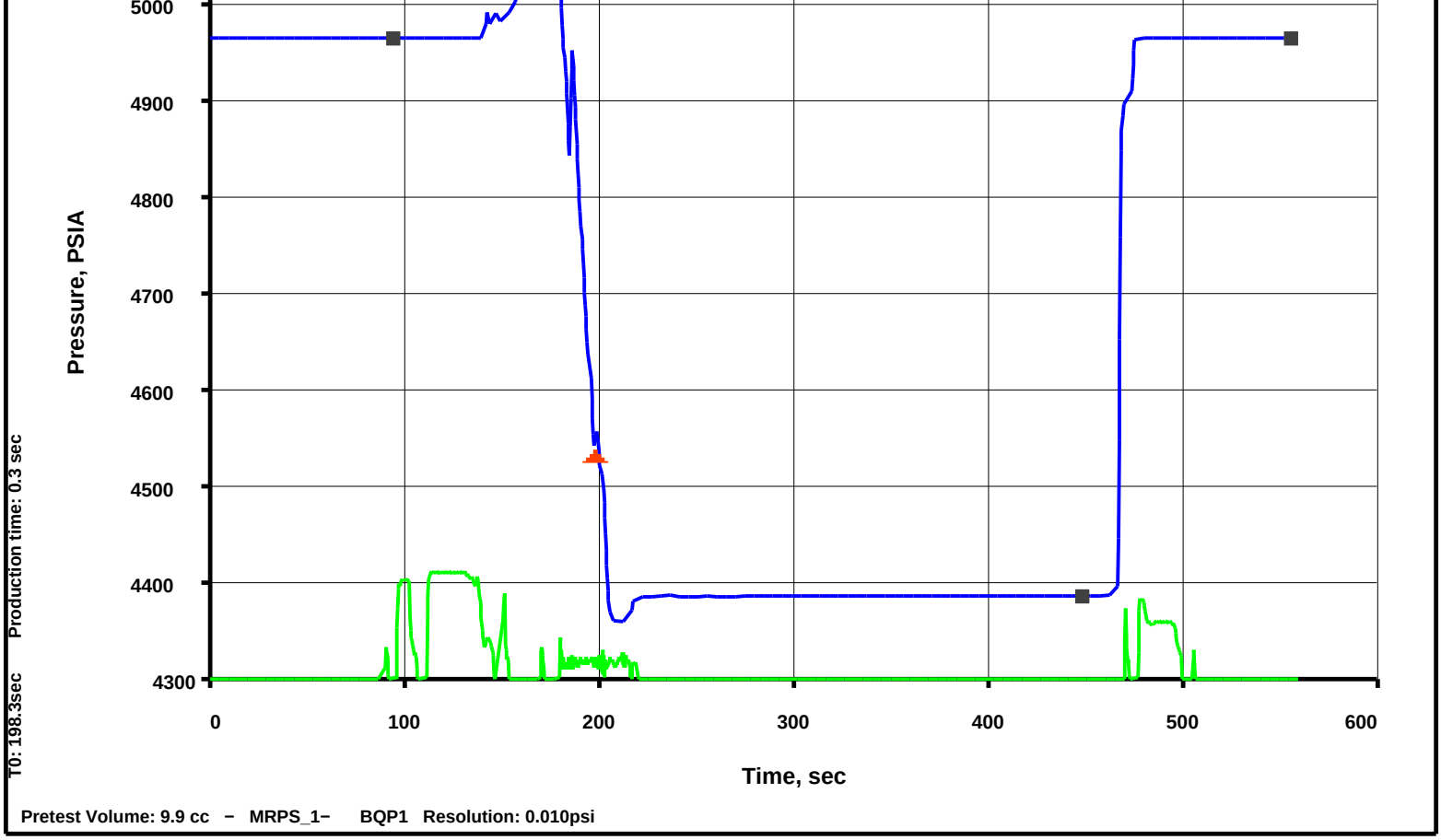
Pretest @ 3095.0 mMD

MAXIS Field Log

File 288 Depth, M: 3095.02 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4963.56
Mud Pressure after test, PSIA:	4963.34
Last build−up pressure, PSIA:	4386.14
Draw−down mobility, md/cp:	74.8

5100



Output DLIS Files

DEFAULT	MDT_OFA_288LTP	FN:452	PRODUCER	30−Nov−2004 02:12	3095.0 M	1.5 M
BACKUP	MDT_OFA_288LTP	FN:453	PRODUCER	30−Nov−2004 02:12	3095.0 M	1.5 M

Elapsed Time (s)	Event Summary
472.5	Retract Single Probe Module (MRPS) 1
175.2	Vert Pretest 9.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
107.4	Probe Set @ 3095.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

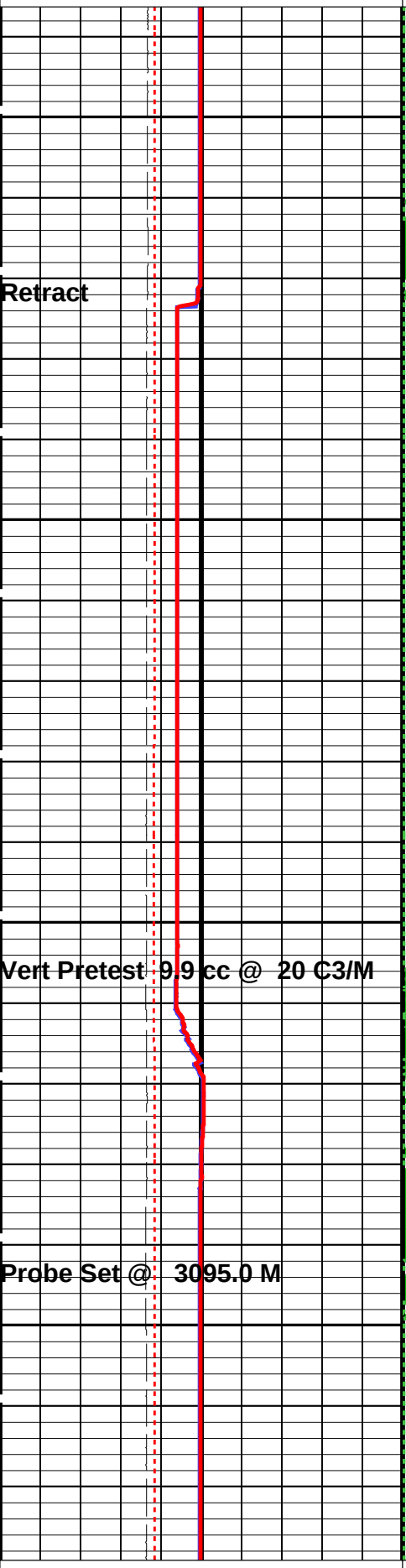
MRPS 1 Strain Gauge Pressure (BSG1)

Elapsed Time

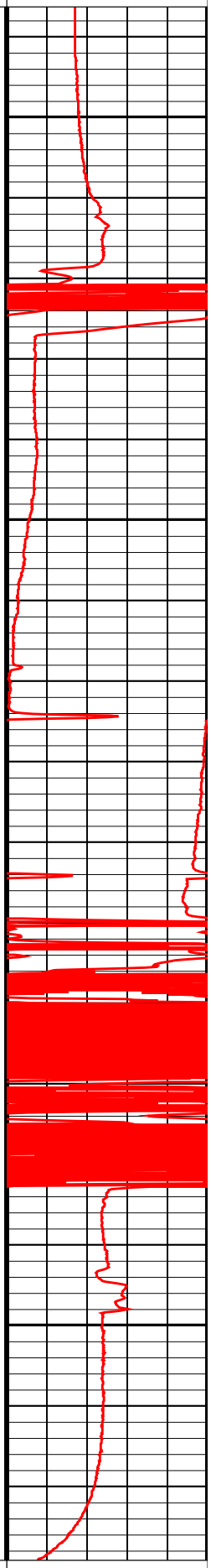
MRPOUD Solenoid 3 Status (POUDS3)

MRPS 1 Quartz Gauge Pressure

MRPS 1 Quartz Gauge Pressure (BQP1)



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:09:36	118.3	4949.7	4963.34
00:09:27		4949.8	4963.34
00:09:18		4949.7	4963.34
00:09:09		4949.7	4963.35
00:09:00	118.2	4949.7	4963.35
00:08:51		4949.8	4963.36
00:08:42		4949.8	4963.38
00:08:33	118.2	4949.8	4963.40
00:08:24		4949.8	4963.46
00:08:15		4949.8	4963.48
00:08:06		4949.7	4963.48
00:07:57	118.2	4949.3	4963.31
00:07:48		4855.2	4757.65
00:07:39		4372.6	4386.52
00:07:30	118.1	4372.7	4386.14
00:07:21		4372.6	4386.14
00:07:12		4372.6	4386.13
00:07:03	118.1	4372.6	4386.14
00:06:54		4372.6	4386.14
00:06:45		4372.6	4386.14
00:06:36		4372.6	4386.13
00:06:27	118.1	4372.5	4386.11
00:06:18		4372.6	4386.09
00:06:09		4372.5	4386.08
00:06:00	118.1	4372.5	4386.05
00:05:51		4372.5	4386.04
00:05:42		4372.5	4386.03
00:05:33	118.1	4372.5	4386.07
00:05:24		4372.5	4386.01
00:05:15		4372.5	4386.26
00:05:06	118.1	4372.4	4385.98
00:04:57		4372.4	4385.97
00:04:48		4372.4	4385.96
00:04:39		4372.4	4385.96
00:04:30	118.1	4372.4	4385.94
00:04:21		4372.4	4385.93
00:04:12		4372.3	4385.89
00:04:03	118.1	4372.3	4385.89
00:03:54		4372.3	4385.96
00:03:45		4372.5	4386.09
00:03:36	118.0	4349.9	4362.59
00:03:27		4346.6	4362.65
00:03:18		4541.5	4535.60
00:03:09		4788.9	4838.16
00:03:00	118.1	5001.1	5035.55
00:02:51		5017.7	5035.96
00:02:42		5019.1	5028.84
00:02:33	118.1	4975.8	4986.32
00:02:24		4954.8	4978.11
00:02:15		4949.8	4963.49
00:02:06		4949.8	4963.47
00:01:57	118.0	4949.8	4963.48
00:01:48		4949.8	4963.46
00:01:39		4949.9	4963.57
00:01:30	118.0	4949.8	4963.47
00:01:21		4949.7	4963.47
00:01:12		4949.8	4963.47
00:01:03	118.1	4949.7	4963.48
00:00:54		4949.8	4963.47
00:00:45		4949.8	4963.47
00:00:36		4949.8	4963.46
00:00:27	118.1	4949.8	4963.43
00:00:18		4949.7	4963.38
00:00:09		4949.6	4963.30
00:00:00	118.1	4949.5	4963.15



MRPS 1 Quartz Gauge Pressure (BQP1)	Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 02:13

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_288LTP	FN:452	PRODUCER	30−Nov−2004 02:12
BACKUP	MDT_OFA_288LTP	FN:453	PRODUCER	30−Nov−2004 02:12

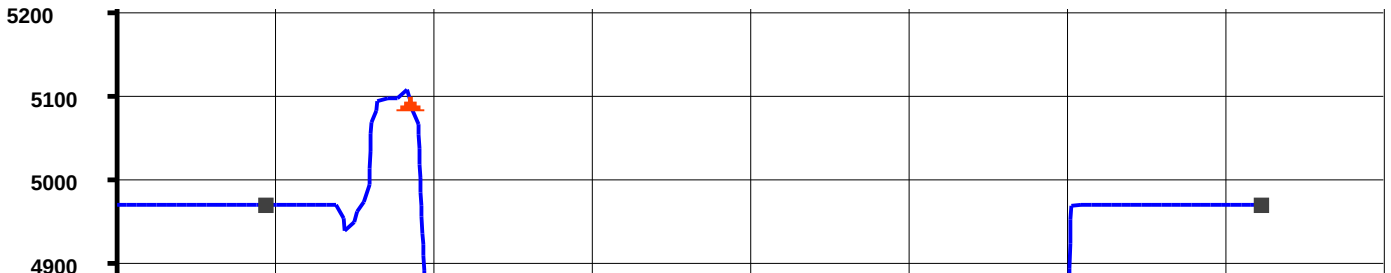
Schlumberger

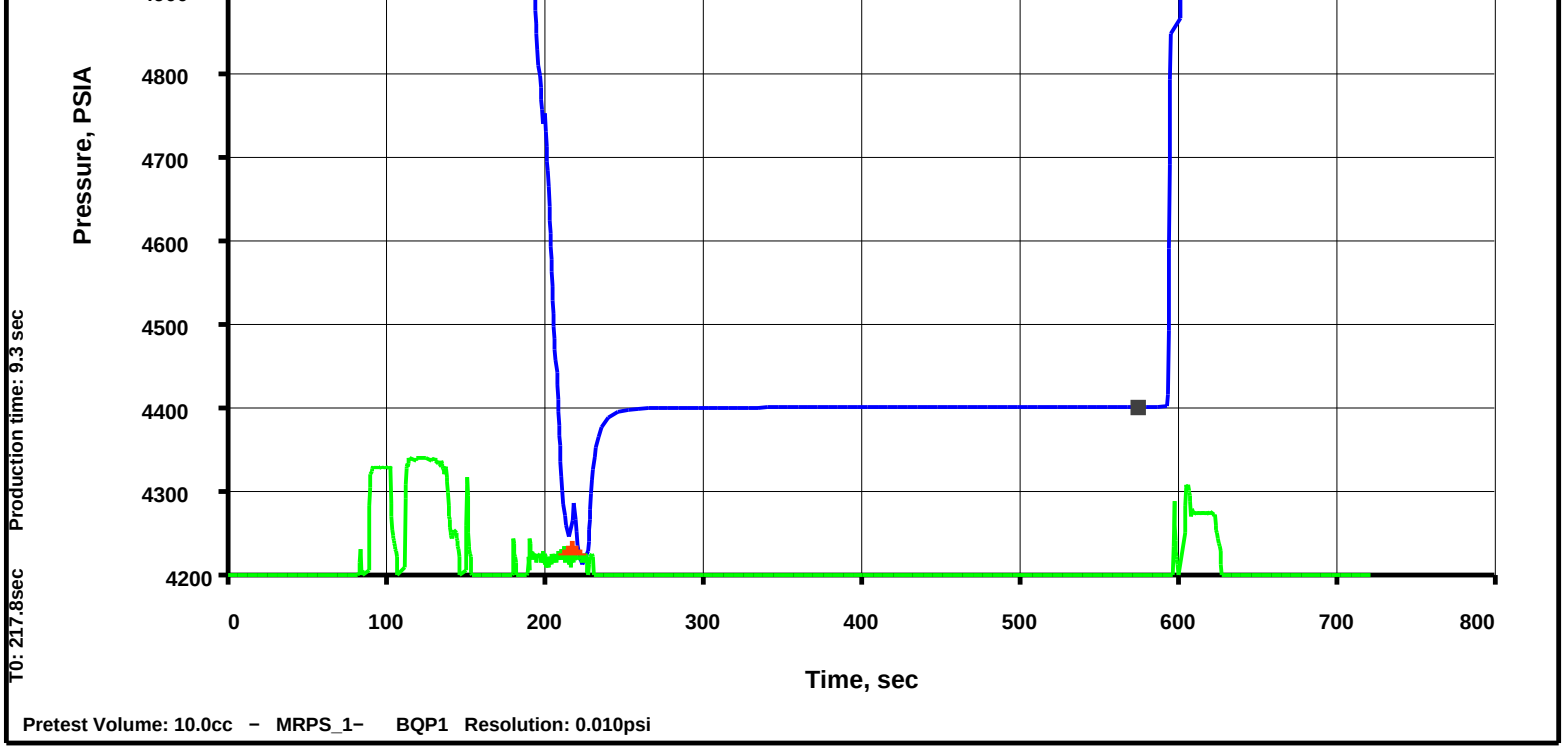
Pretest @ 3097.0 mMD

MAXIS Field Log

File 287 Depth, M: 3096.95 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4966.75
Mud Pressure after test, PSIA:	4966.41
Last build−up pressure, PSIA:	4400.35
Draw−down mobility, md/cp:	6.8





Output DLIS Files

DEFAULT	MDT_OFA_287LTP	FN:450	PRODUCER	30−Nov−2004 01:58	3097.0 M	1.9 M
BACKUP	MDT_OFA_287LTP	FN:451	PRODUCER	30−Nov−2004 01:58	3097.0 M	1.9 M

Elapsed Time (s)	Event Summary
600.0	Retract Single Probe Module (MRPS) 1
185.4	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
107.7	Probe Set @ 3097.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

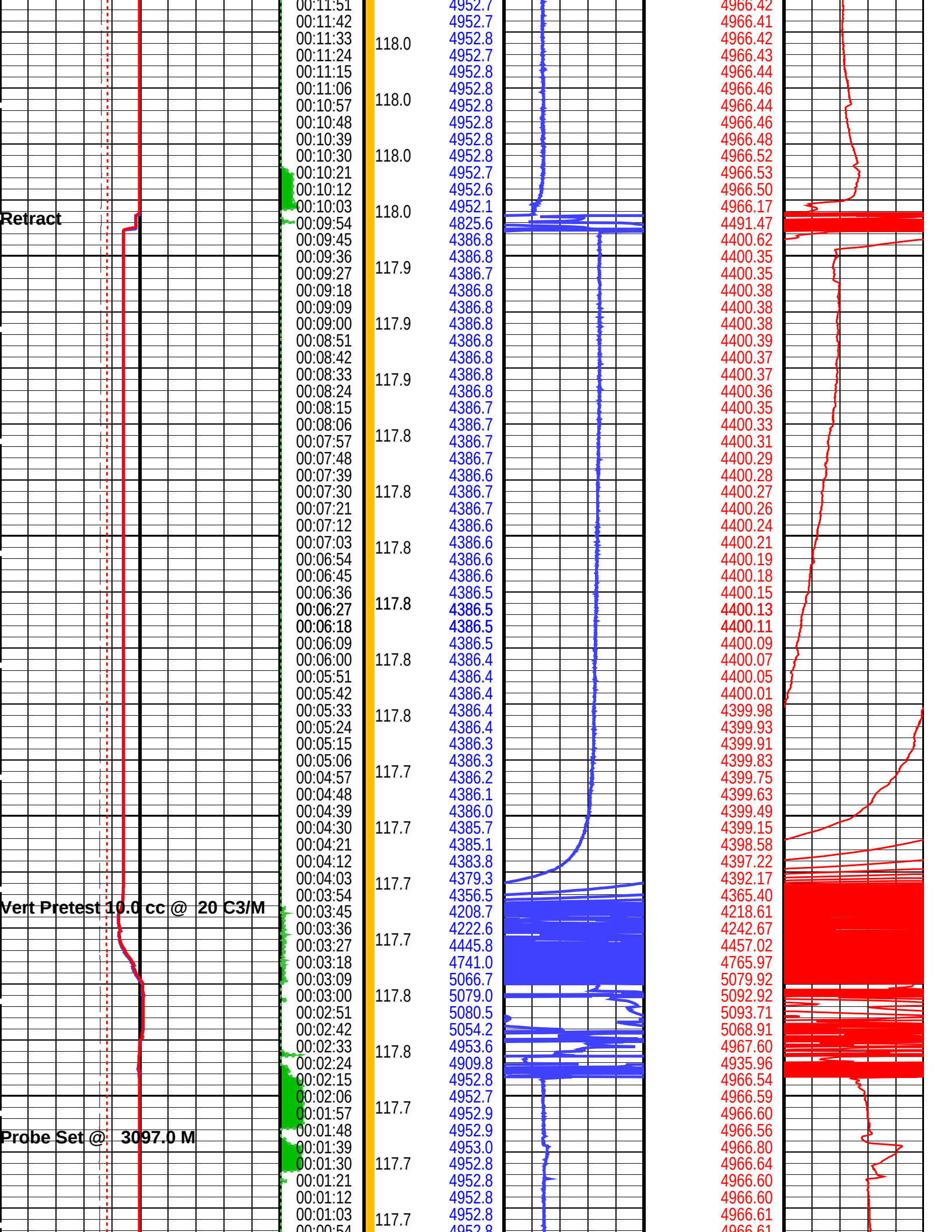
MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

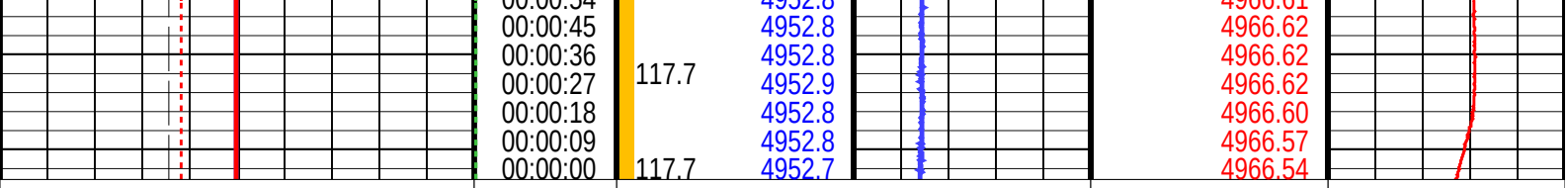
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30		MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
00:12:18		4952.7	4966.40	
00:12:09		4952.8	4966.40	
00:12:00	118.0	4952.7	4966.41	


Retract
Vert Pretest 10.0 cc @ 20 C3/M
Probe Set @ 3097.0 M



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 01:58

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_287LTP	FN:450	PRODUCER	30−Nov−2004 01:58
BACKUP	MDT_OFA_287LTP	FN:451	PRODUCER	30−Nov−2004 01:58

Schlumberger

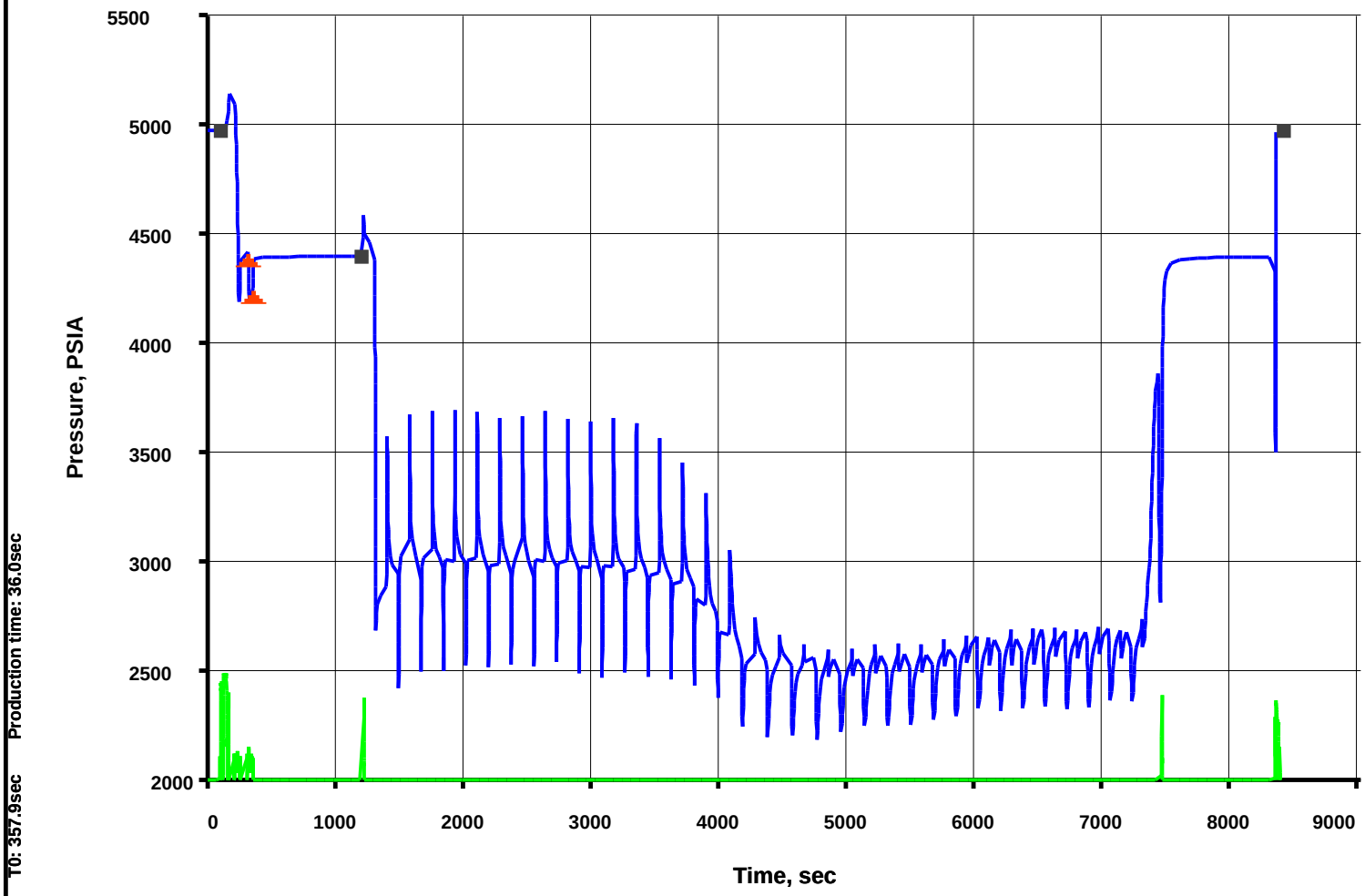
Sample @ 3100.5 mMD

MAXIS Field Log

File 286 Depth, M: 3100.55 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA: 4972.93

Mud Pressure before test, PSIA: 4972.93
Mud Pressure after test, PSIA: 4972.09
Last build−up pressure, PSIA: 4396.94
Draw−down mobility, md/cp: 3



Pretest Volume: 9.9 cc − MRPS_1− BQP1 Resolution: 0.010psi

Input DLIS Files

DEFAULT	MDT_OFA_291LTP	FN:458	PRODUCER	02−Dec−2004 11:12	3045.9 M	12.6 M

Output DLIS Files

DEFAULT	MDT_OFA_084PTP	FN:83	PRODUCER	06−Dec−2004 12:51	3045.9 M	12.6 M

Elapsed Time (s)	Event Summary
4835.1	Retract Single Probe Module (MRPS) 1
4767.6	Pumping Stopped 17550.0 C3 Dual Up−down Pumpout Module (MRPOUD)
769.2	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
588.0	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
577.2	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
278.1	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
189.0	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
128.7	Probe Set @ 3045.9 M Single Probe Module (MRPS) 1

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

High Gas

Medium Gas

Oil

Low Gas

Water

Resistivity Cell Temp B1TR (B1TR) (DEG C)

Highly Absorbing Fluid

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 8 (FAOD_LFA[8])
-32 (---- 8

LFA Optical Density Channel 7 (FAOD_LFA[7])
-28 (---- 12

LFA Optical Density Channel 6 (FAOD_LFA[6])
-24 (---- 16

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

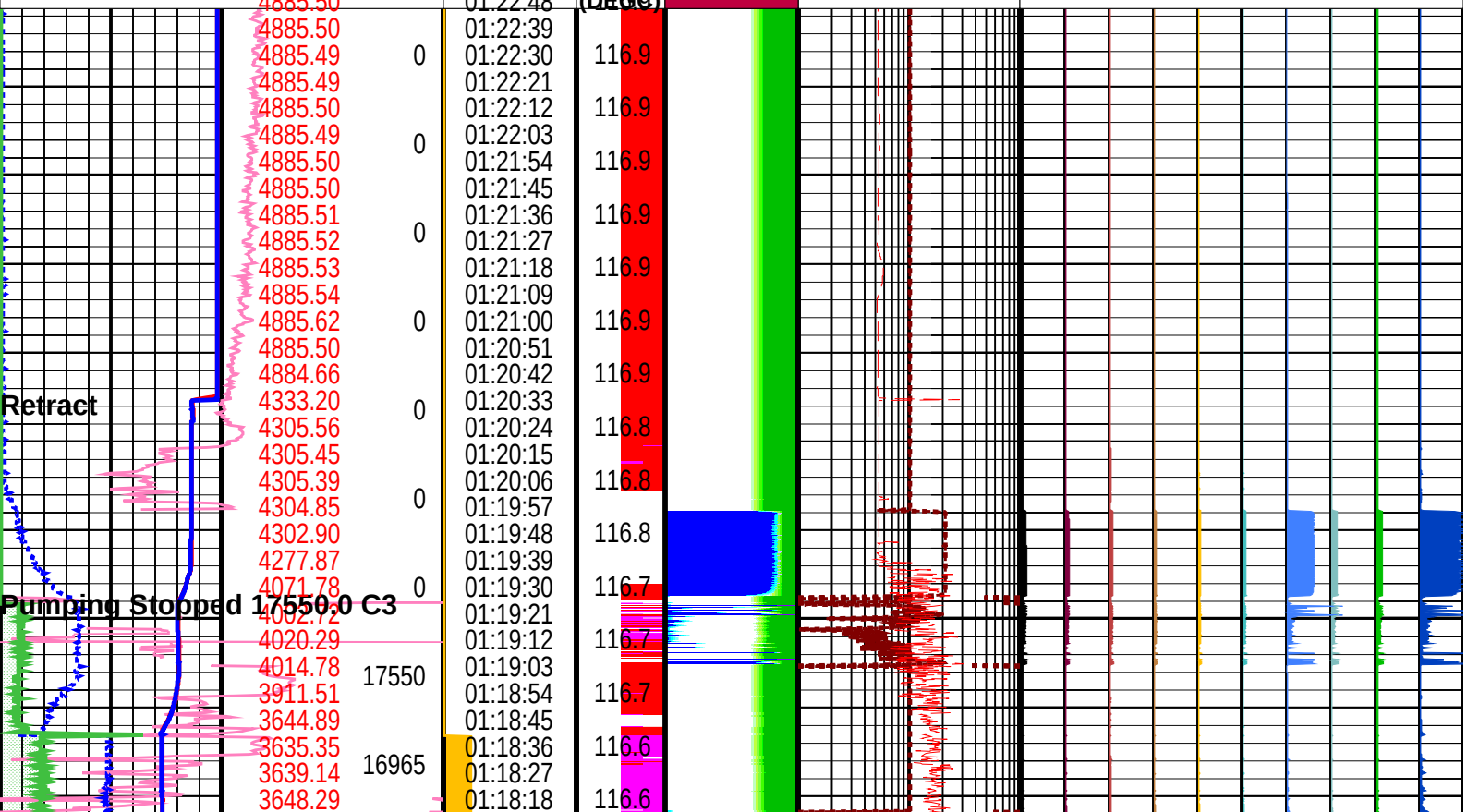
LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

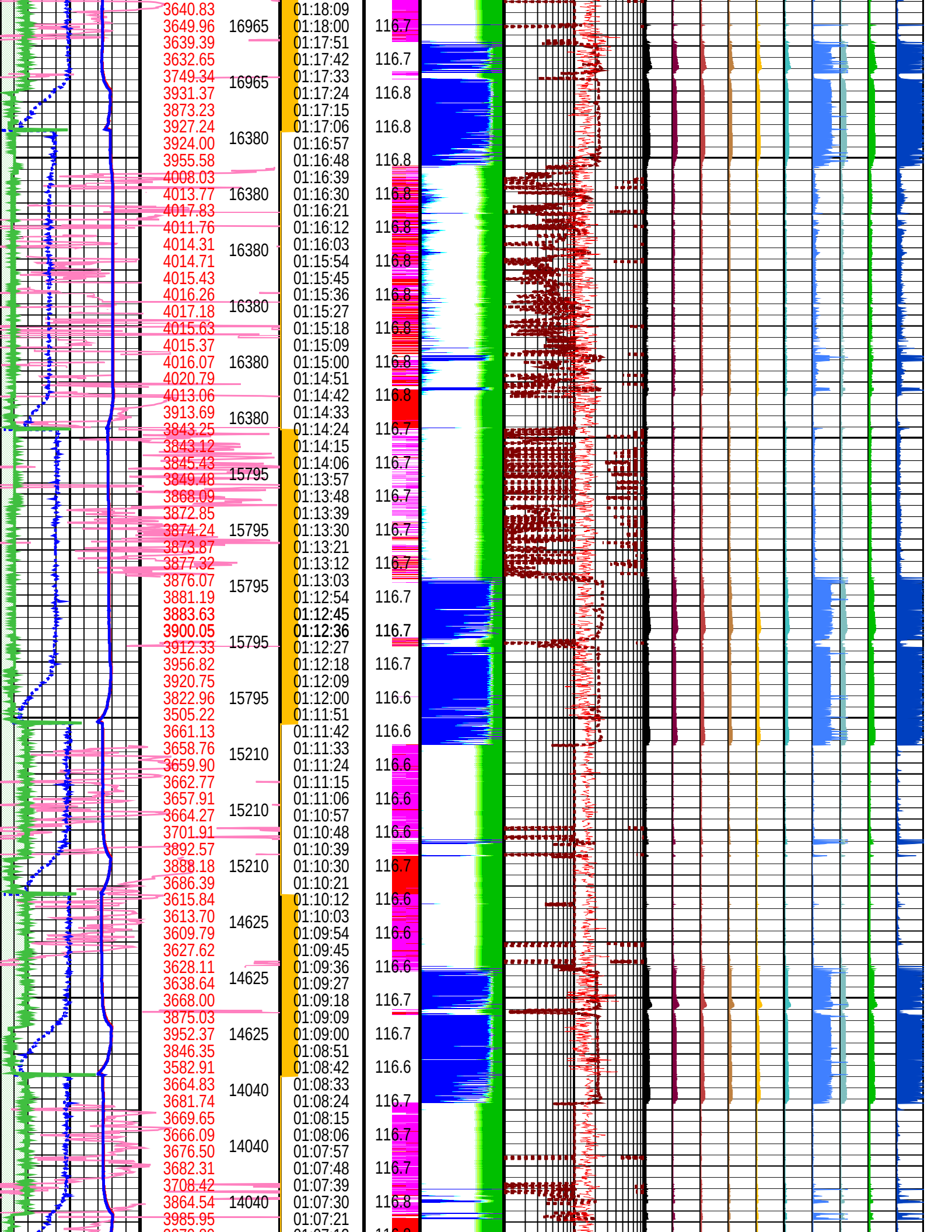
LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

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3749.34 16965 01:17:33
3931.37 01:17:24 116.8
3873.23 01:17:15
3927.24 01:17:06 116.8
3924.00 16380 01:16:57
3955.58 01:16:48 116.8
4008.03 01:16:39
4013.77 16380 01:16:30 116.8
4017.83 01:16:21
4011.76 01:16:12 116.8
4014.31 16380 01:16:03
4014.71 01:15:54 116.8
4015.43 01:15:45
4016.26 01:15:36 116.8
4017.18 16380 01:15:27
4015.63 01:15:18 116.8
4015.37 01:15:09
4016.07 16380 01:15:00 116.8
4020.79 01:14:51
4013.06 01:14:42 116.8
3913.69 16380 01:14:33
3843.25 01:14:24 116.7
3843.12 01:14:15
3845.43 01:14:06 116.7
3849.48 15795 01:13:57
3868.09 01:13:48 116.7
3872.85 01:13:39
3874.24 15795 01:13:30 116.7
3873.87 01:13:21
3877.32 01:13:12 116.7
3876.07 15795 01:13:03
3881.19 01:12:54 116.7
3883.63 01:12:45
3900.05 01:12:36 116.7
3912.33 15795 01:12:27
3956.82 01:12:18 116.7
3920.75 01:12:09
3822.96 15795 01:12:00 116.6
3505.22 01:11:51
3661.13 01:11:42 116.6
3658.76 15210 01:11:33
3659.90 01:11:24 116.6
3662.77 01:11:15
3657.91 01:11:06 116.6
3664.27 15210 01:10:57
3701.91 01:10:48 116.6
3892.57 01:10:39
3888.18 15210 01:10:30 116.7
3686.39 01:10:21
3615.84 01:10:12 116.6
3613.70 14625 01:10:03
3609.79 01:09:54 116.6
3627.62 01:09:45
3628.11 01:09:36 116.6
3638.64 14625 01:09:27
3668.00 01:09:18 116.7
3875.03 01:09:09
3952.37 14625 01:09:00 116.7
3846.35 01:08:51
3582.91 01:08:42 116.6
3664.83 14040 01:08:33
3681.74 01:08:24 116.7
3669.65 01:08:15
3666.09 01:08:06 116.7
3676.50 14040 01:07:57
3682.31 01:07:48 116.7
3708.42 01:07:39
3864.54 14040 01:07:30 116.8
3985.95 01:07:21

3879.89		01:07:12	116.8
3893.33	13455	01:07:03	
3898.74		01:06:54	116.8
3903.88		01:06:45	
3899.69		01:06:36	116.8
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3897.91		01:05:51	
3901.61		01:05:42	116.8
3901.32	13455	01:05:33	
3901.78		01:05:24	116.8
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3902.66		01:05:06	116.8
3906.50	13455	01:04:57	
3933.82		01:04:48	116.8
3930.40		01:04:39	
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3909.36		01:04:21	
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3913.17		01:02:24	116.8
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3919.23		01:00:18	116.8
3916.87		01:00:09	
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3921.12		00:59:42	116.8
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3916.23		00:59:15	
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3787.98	11700	00:58:57	
3911.88		00:58:48	116.8
3911.94		00:58:39	
3910.15	11700	00:58:30	116.8
3909.53		00:58:21	
3907.00		00:58:12	116.8
3904.82		00:58:03	
3906.41	11700	00:57:54	116.9
3907.01		00:57:45	
3909.87		00:57:36	116.8
3909.13	11700	00:57:27	
3906.53		00:57:18	116.8
3906.35		00:57:09	
3910.85	11700	00:57:00	116.8
3928.04		00:56:51	
3887.73		00:56:42	116.8
3622.28	11115	00:56:33	
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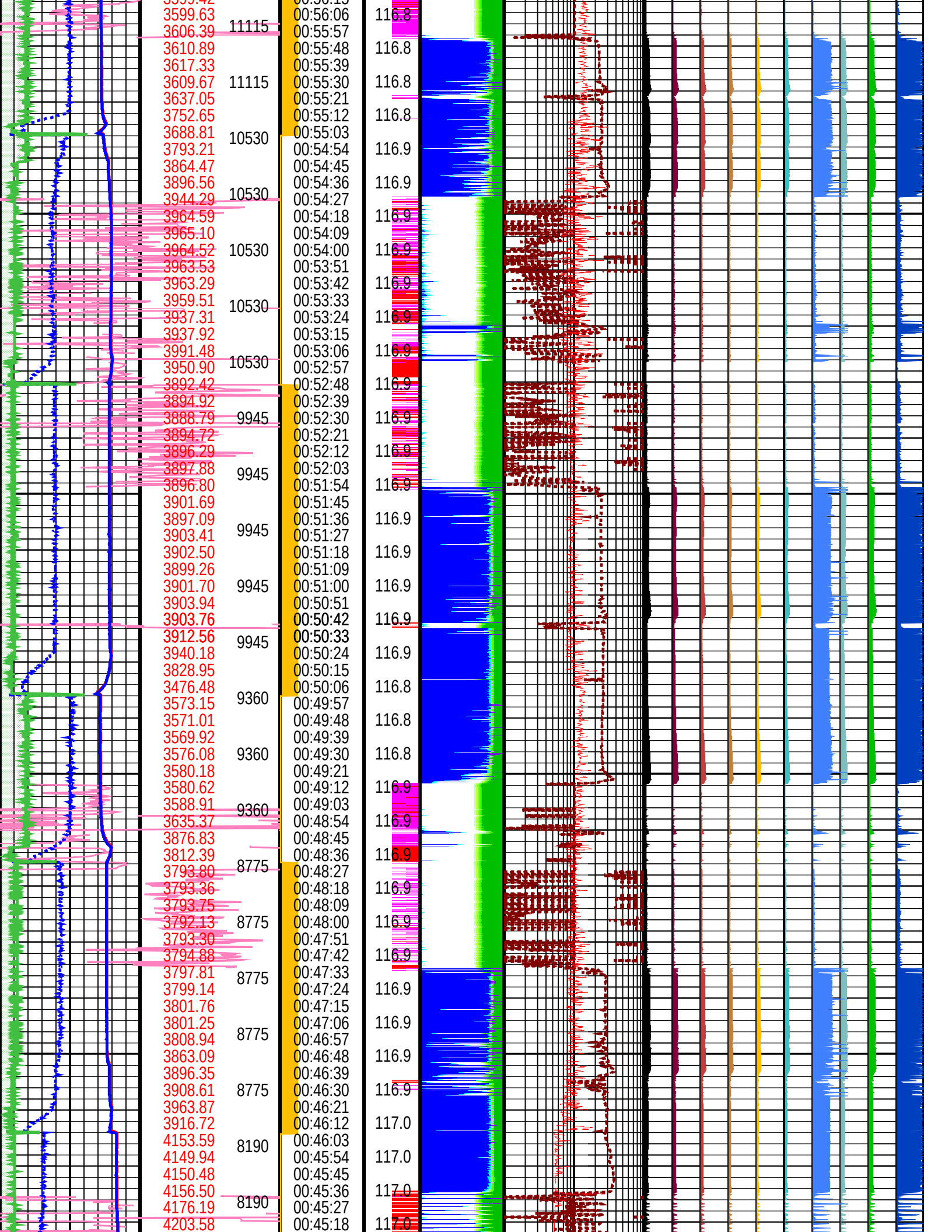
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3637.05 00:55:21
3752.65 00:55:12 116.8
3688.81 10530 00:55:03
3793.21 00:54:54 116.9
3864.47 00:54:45
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3944.29 10530 00:54:27
3964.59 00:54:18 116.9
3965.10 00:54:09
3964.52 10530 00:54:00 116.9
3963.53 00:53:51
3963.29 00:53:42 116.9
3959.51 10530 00:53:33
3937.31 00:53:24 116.9
3937.92 00:53:15
3991.48 00:53:06 116.9
3950.90 10530 00:52:57
3892.42 00:52:48 116.9
3894.92 00:52:39
3888.79 9945 00:52:30 116.9
3894.72 00:52:21
3896.29 00:52:12 116.9
3897.88 9945 00:52:03
3896.80 00:51:54 116.9
3901.69 00:51:45
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3903.41 00:51:27
3902.50 00:51:18 116.9
3899.26 00:51:09
3901.70 9945 00:51:00 116.9
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3912.56 9945 00:50:33
3940.18 00:50:24 116.9
3828.95 00:50:15
3476.48 9360 00:50:06 116.8
3573.15 00:49:57
3571.01 00:49:48 116.8
3569.92 00:49:39
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3792.13 8775 00:48:00 116.9
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3963.87 00:46:21
3916.72 00:46:12 117.0
4153.59 8190 00:46:03
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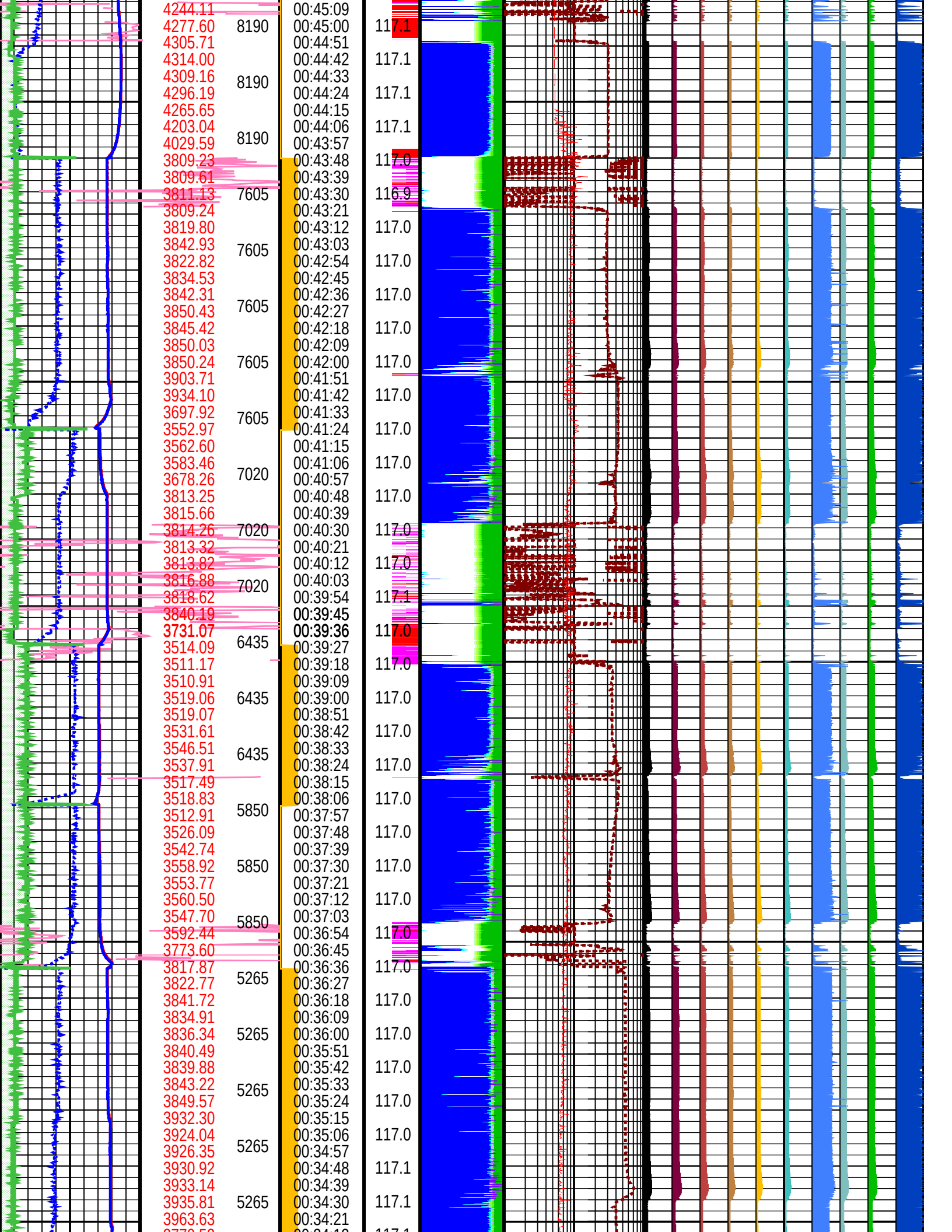

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4314.00		00:44:42	117.1
4309.16	8190	00:44:33	
4296.19		00:44:24	117.1
4265.65		00:44:15	
4203.04	8190	00:44:06	117.1
4029.59		00:43:57	
3809.23		00:43:48	117.0
3809.61		00:43:39	
3811.13	7605	00:43:30	116.9
3809.24		00:43:21	
3819.80		00:43:12	117.0
3842.93	7605	00:43:03	
3822.82		00:42:54	117.0
3834.53		00:42:45	
3842.31	7605	00:42:36	117.0
3850.43		00:42:27	
3845.42		00:42:18	117.0
3850.03		00:42:09	
3850.24	7605	00:42:00	117.0
3903.71		00:41:51	
3934.10		00:41:42	117.0
3697.92	7605	00:41:33	
3552.97		00:41:24	117.0
3562.60		00:41:15	
3583.46	7020	00:41:06	117.0
3678.26		00:40:57	
3813.25		00:40:48	117.0
3815.66		00:40:39	
3814.26	7020	00:40:30	117.0
3813.32		00:40:21	
3813.82		00:40:12	117.0
3816.88	7020	00:40:03	
3818.62		00:39:54	117.1
3840.19		00:39:45	
3731.07		00:39:36	117.0
3514.09	6435	00:39:27	
3511.17		00:39:18	117.0
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3519.06	6435	00:39:00	117.0
3519.07		00:38:51	
3531.61		00:38:42	117.0
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3512.91	5850	00:37:57	
3526.09		00:37:48	117.0
3542.74		00:37:39	
3558.92	5850	00:37:30	117.0
3553.77		00:37:21	
3560.50		00:37:12	117.0
3547.70		00:37:03	
3592.44	5850	00:36:54	117.0
3773.60		00:36:45	
3817.87		00:36:36	117.0
3822.77	5265	00:36:27	
3841.72		00:36:18	117.0
3834.91		00:36:09	
3836.34	5265	00:36:00	117.0
3840.49		00:35:51	
3839.88		00:35:42	117.0
3843.22	5265	00:35:33	
3849.57		00:35:24	117.0
3932.30		00:35:15	
3924.04	5265	00:35:06	117.0
3926.35		00:34:57	
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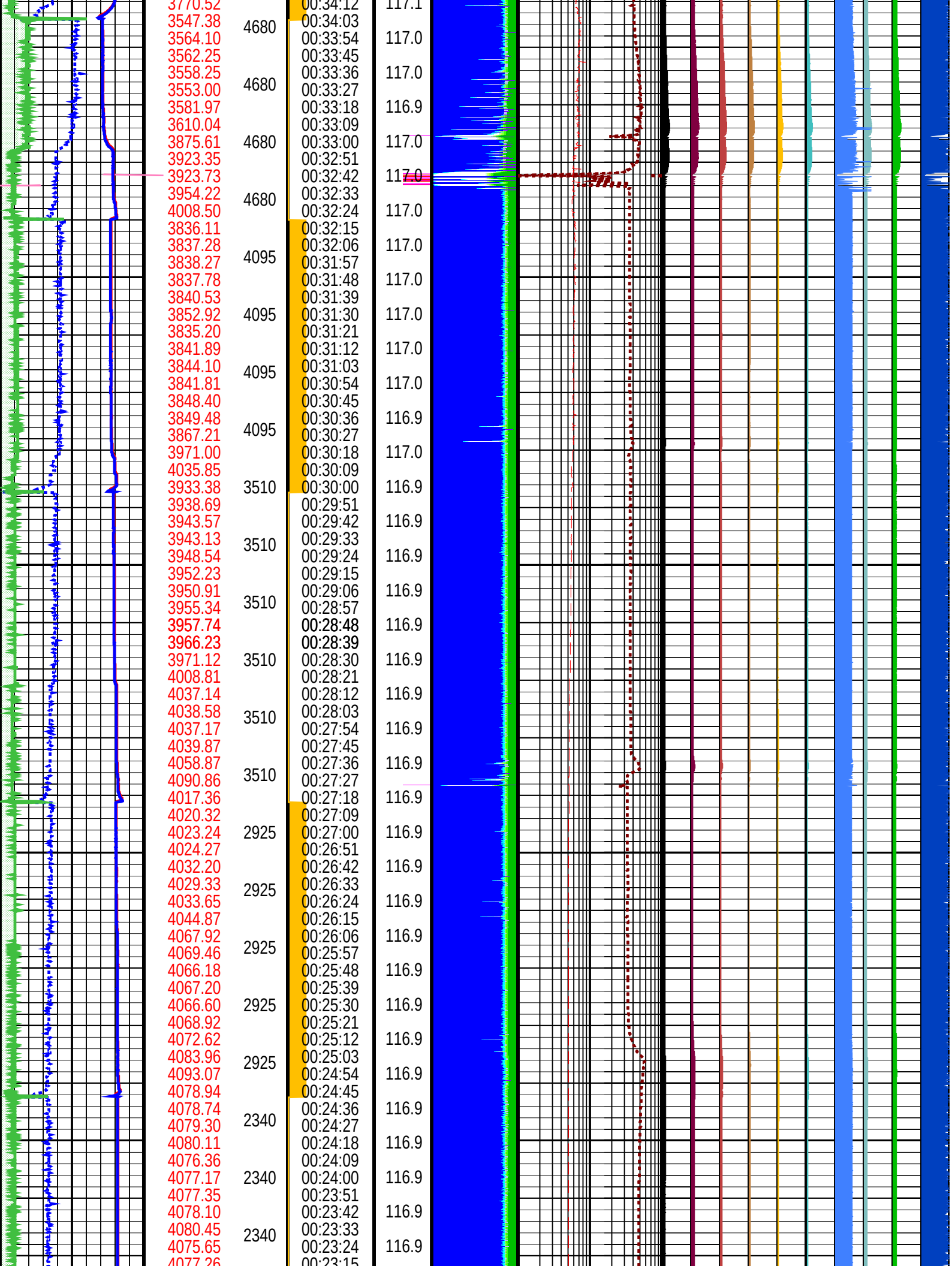

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3837.78		00:31:48	117.0
3840.53		00:31:39	
3852.92	4095	00:31:30	117.0
3835.20		00:31:21	
3841.89		00:31:12	117.0
3844.10	4095	00:31:03	
3841.81		00:30:54	117.0
3848.40		00:30:45	
3849.48		00:30:36	116.9
3867.21	4095	00:30:27	
3971.00		00:30:18	117.0
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3933.38	3510	00:30:00	116.9
3938.69		00:29:51	
3943.57		00:29:42	116.9
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3950.91		00:29:06	116.9
3955.34	3510	00:28:57	
3957.74		00:28:48	116.9
3966.23		00:28:39	
3971.12	3510	00:28:30	116.9
4008.81		00:28:21	
4037.14		00:28:12	116.9
4038.58	3510	00:28:03	
4037.17		00:27:54	116.9
4039.87		00:27:45	
4058.87		00:27:36	116.9
4090.86	3510	00:27:27	
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4020.32		00:27:09	
4023.24	2925	00:27:00	116.9
4024.27		00:26:51	
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4029.33	2925	00:26:33	
4033.65		00:26:24	116.9
4044.87		00:26:15	
4067.92		00:26:06	116.9
4069.46	2925	00:25:57	
4066.18		00:25:48	116.9
4067.20		00:25:39	
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4068.92		00:25:21	
4072.62		00:25:12	116.9
4083.96	2925	00:25:03	
4093.07		00:24:54	116.9
4078.94		00:24:45	
4078.74		00:24:36	116.9
4079.30	2340	00:24:27	
4080.11		00:24:18	116.9
4076.36		00:24:09	
4077.17	2340	00:24:00	116.9
4077.35		00:23:51	
4078.10		00:23:42	116.9
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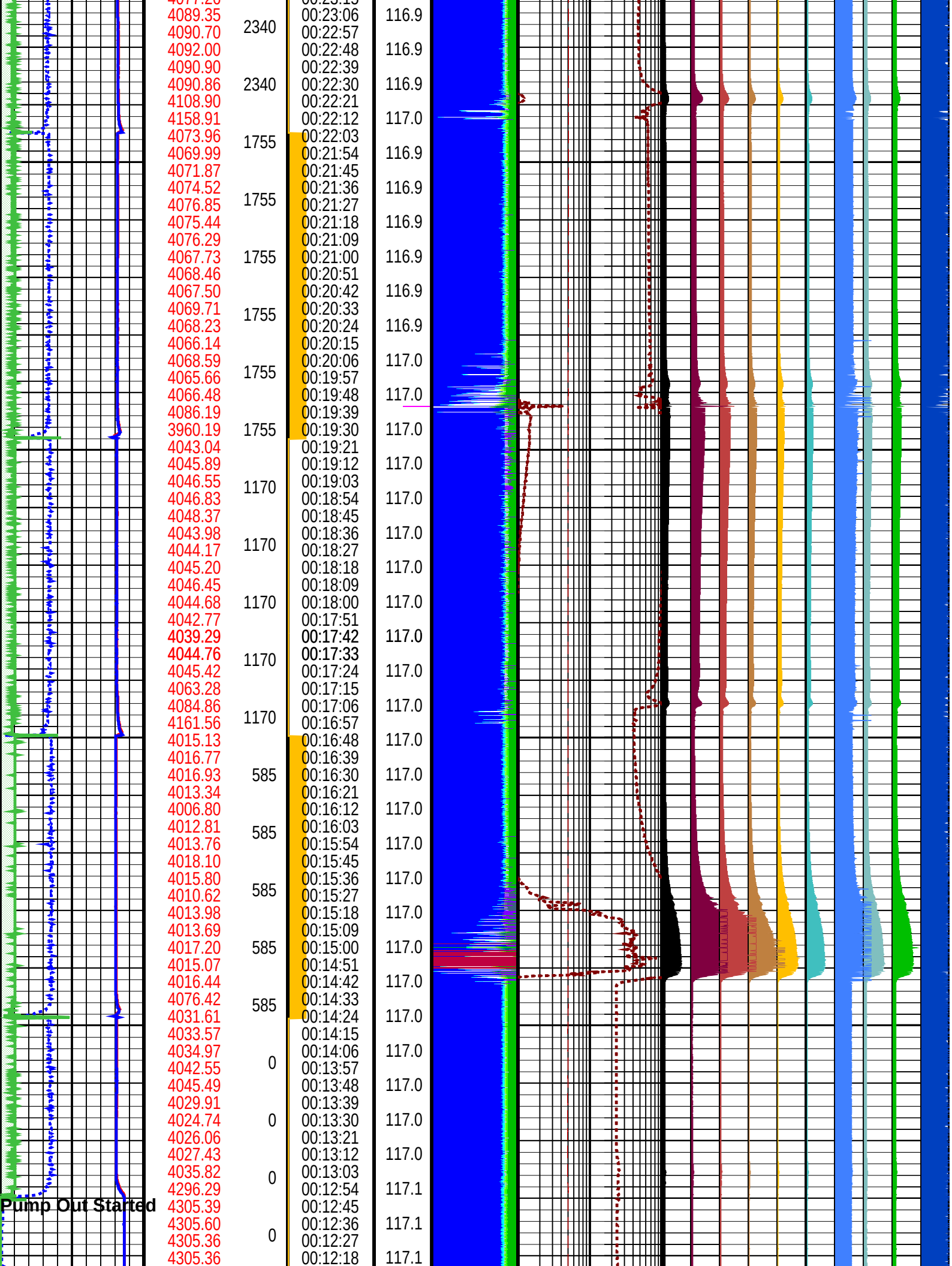

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4090.86	2340	00:22:30	116.9
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4158.91		00:22:12	117.0
4073.96	1755	00:22:03	
4069.99		00:21:54	116.9
4071.87		00:21:45	
4074.52		00:21:36	116.9
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4075.44		00:21:18	116.9
4076.29		00:21:09	
4067.73	1755	00:21:00	116.9
4068.46		00:20:51	
4067.50		00:20:42	116.9
4069.71	1755	00:20:33	
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4066.14		00:20:15	
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4066.48		00:19:48	117.0
4086.19		00:19:39	
3960.19	1755	00:19:30	117.0
4043.04		00:19:21	
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4048.37		00:18:45	
4043.98		00:18:36	117.0
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4045.20		00:18:18	117.0
4046.45		00:18:09	
4044.68	1170	00:18:00	117.0
4042.77		00:17:51	
4039.29		00:17:42	117.0
4044.76	1170	00:17:33	
4045.42		00:17:24	117.0
4063.28		00:17:15	
4084.86		00:17:06	117.0
4161.56	1170	00:16:57	
4015.13		00:16:48	117.0
4016.77		00:16:39	
4016.93	585	00:16:30	117.0
4013.34		00:16:21	
4006.80		00:16:12	117.0
4012.81	585	00:16:03	
4013.76		00:15:54	117.0
4018.10		00:15:45	
4015.80		00:15:36	117.0
4010.62	585	00:15:27	
4013.98		00:15:18	117.0
4013.69		00:15:09	
4017.20	585	00:15:00	117.0
4015.07		00:14:51	
4016.44		00:14:42	117.0
4076.42	585	00:14:33	
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4034.97		00:14:06	117.0
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4045.49		00:13:48	117.0
4029.91		00:13:39	
4024.74	0	00:13:30	117.0
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4027.43		00:13:12	117.0
4035.82	0	00:13:03	
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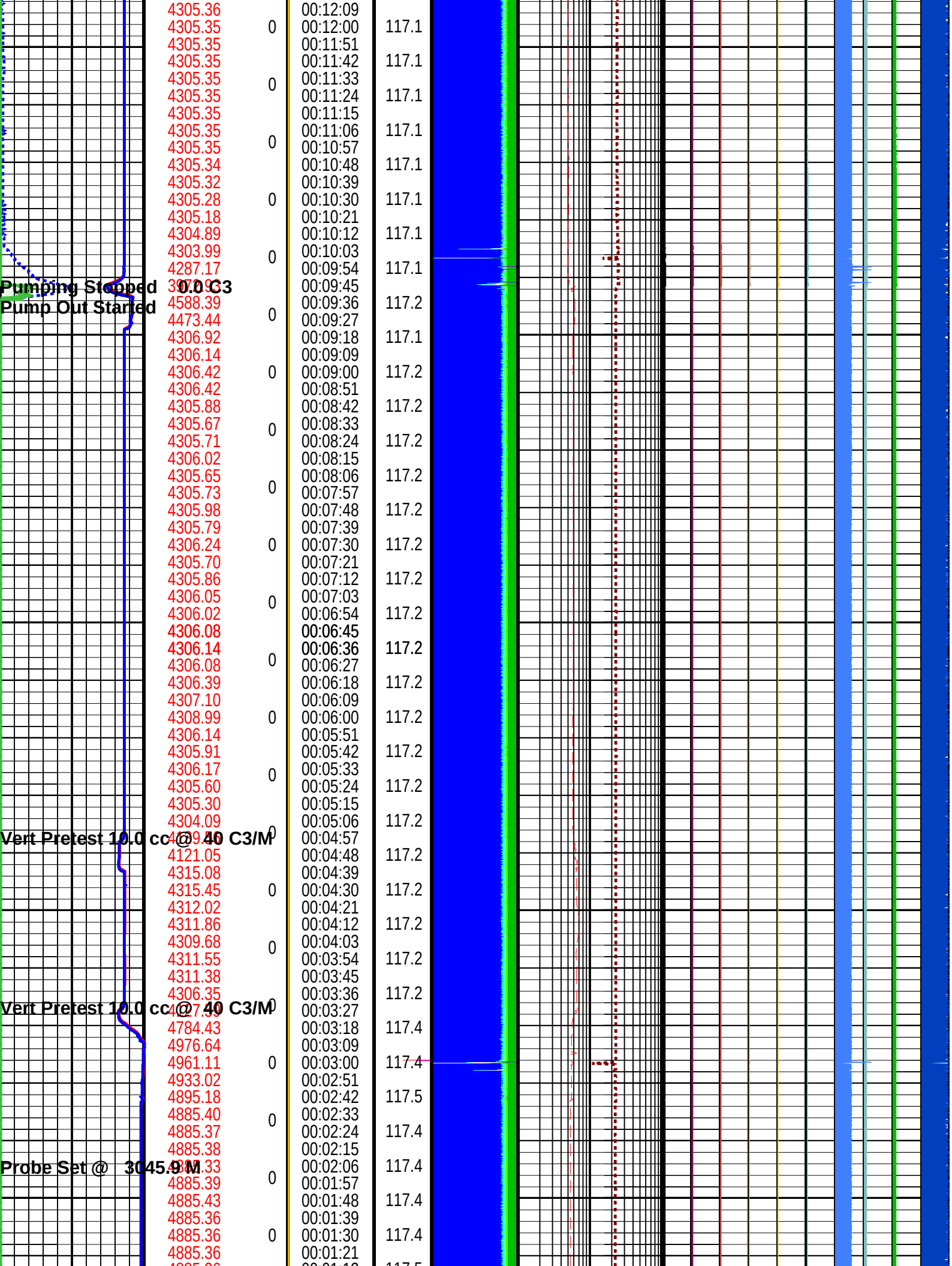

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4305.35		00:11:51	
4305.35		00:11:42	117.1
4305.35	0	00:11:33	
4305.35		00:11:24	117.1
4305.35		00:11:15	
4305.35	0	00:11:06	117.1
4305.35		00:10:57	
4305.34		00:10:48	117.1
4305.32		00:10:39	
4305.28	0	00:10:30	117.1
4305.18		00:10:21	
4304.89		00:10:12	117.1
4303.99	0	00:10:03	
4287.17		00:09:54	117.1
[illegible]		00:09:45	
4588.39	0	00:09:36	117.2
4473.44		00:09:27	
4306.92		00:09:18	117.1
4306.14		00:09:09	
4306.42	0	00:09:00	117.2
4306.42		00:08:51	
4305.88		00:08:42	117.2
4305.67	0	00:08:33	
4305.71		00:08:24	117.2
4306.02		00:08:15	
4305.65	0	00:08:06	117.2
4305.73		00:07:57	
4305.98		00:07:48	117.2
4305.79		00:07:39	
4306.24	0	00:07:30	117.2
4305.70		00:07:21	
4305.86		00:07:12	117.2
4306.05	0	00:07:03	
4306.02		00:06:54	117.2
4306.08		00:06:45	
4306.14	0	00:06:36	117.2
4306.08		00:06:27	
4306.39		00:06:18	117.2
4307.10		00:06:09	
4308.99	0	00:06:00	117.2
4306.14		00:05:51	
4305.91		00:05:42	117.2
4306.17	0	00:05:33	
4305.60		00:05:24	117.2
4305.30		00:05:15	
4304.09	0	00:05:06	117.2
[illegible]		00:04:57	
4121.05		00:04:48	117.2
4315.08		00:04:39	
4315.45	0	00:04:30	117.2
4312.02		00:04:21	
4311.86		00:04:12	117.2
4309.68	0	00:04:03	
4311.55		00:03:54	117.2
4311.38		00:03:45	
4306.35	0	00:03:36	117.2
[illegible]		00:03:27	
4784.43		00:03:18	117.4
4976.64		00:03:09	
4961.11	0	00:03:00	117.4
4933.02		00:02:51	
4895.18		00:02:42	117.5
4885.40	0	00:02:33	
4885.37		00:02:24	117.4
4885.38		00:02:15	
[illegible]	0	00:02:06	117.4
4885.39		00:01:57	
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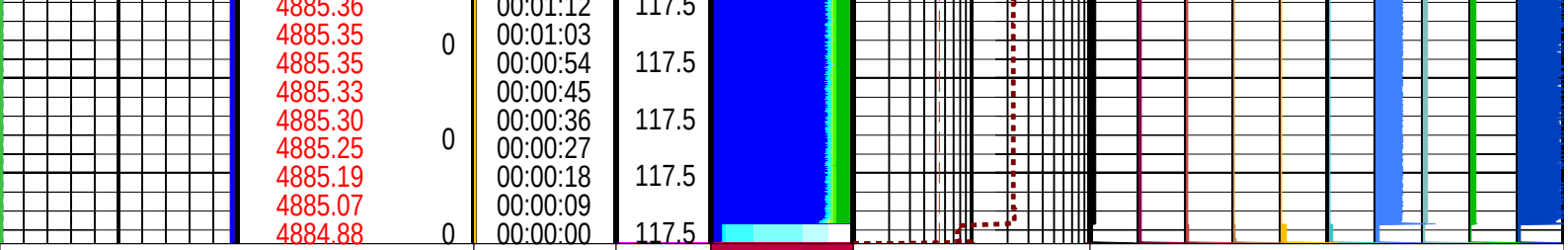
4885.36		00:01:21	



LFA GOR (GOR_LFA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Highly Absorbing Fluid

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Low Gas

Water

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Medium Gas

Oil

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

High Gas

LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

LFA Optical Density Channel 6 (FAOD_LFA[6])
-24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
-28 (---- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
-32 (---- 8

LFA Optical Density Channel 9 (FAOD_LFA[9])
-36 (---- 4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M

PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:51

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_291LTP	FN:458	PRODUCER	02−Dec−2004 11:12	3045.9 M	12.6 M

Output DLIS Files

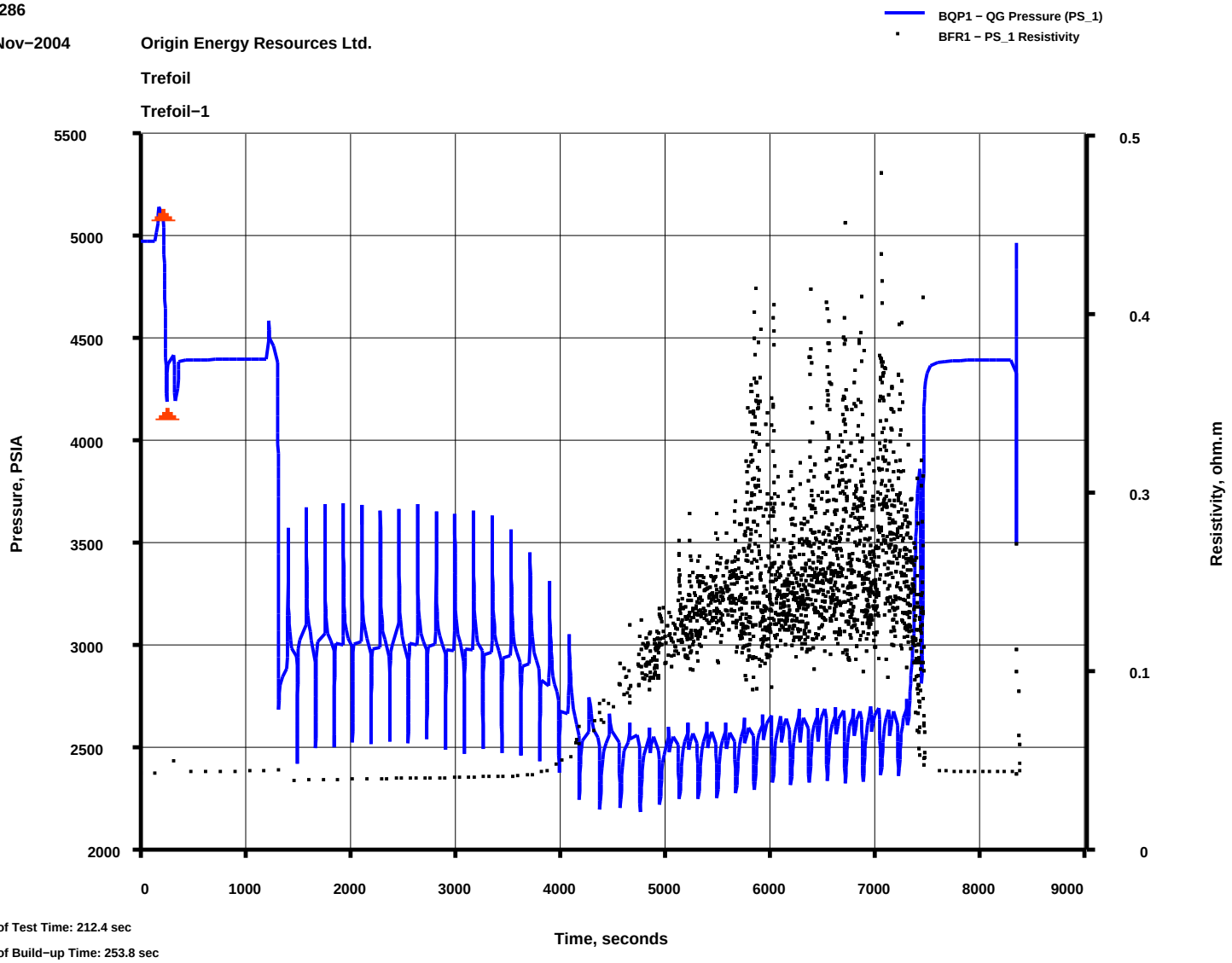
DEFAULT	MDT_OFA_084PTP	FN:83	PRODUCER	06−Dec−2004 12:51

File 286

25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1



Start of Test Time: 212.4 sec

Start of Build−up Time: 253.8 sec

Reference pressure st start of build−up (BQP1) 5153.3 PSIA.

Input DLIS Files

DEFAULT	MDT_OFA_286LTP	FN:448	PRODUCER	02−Dec−2004 11:12	3100.5 M	21.4 M

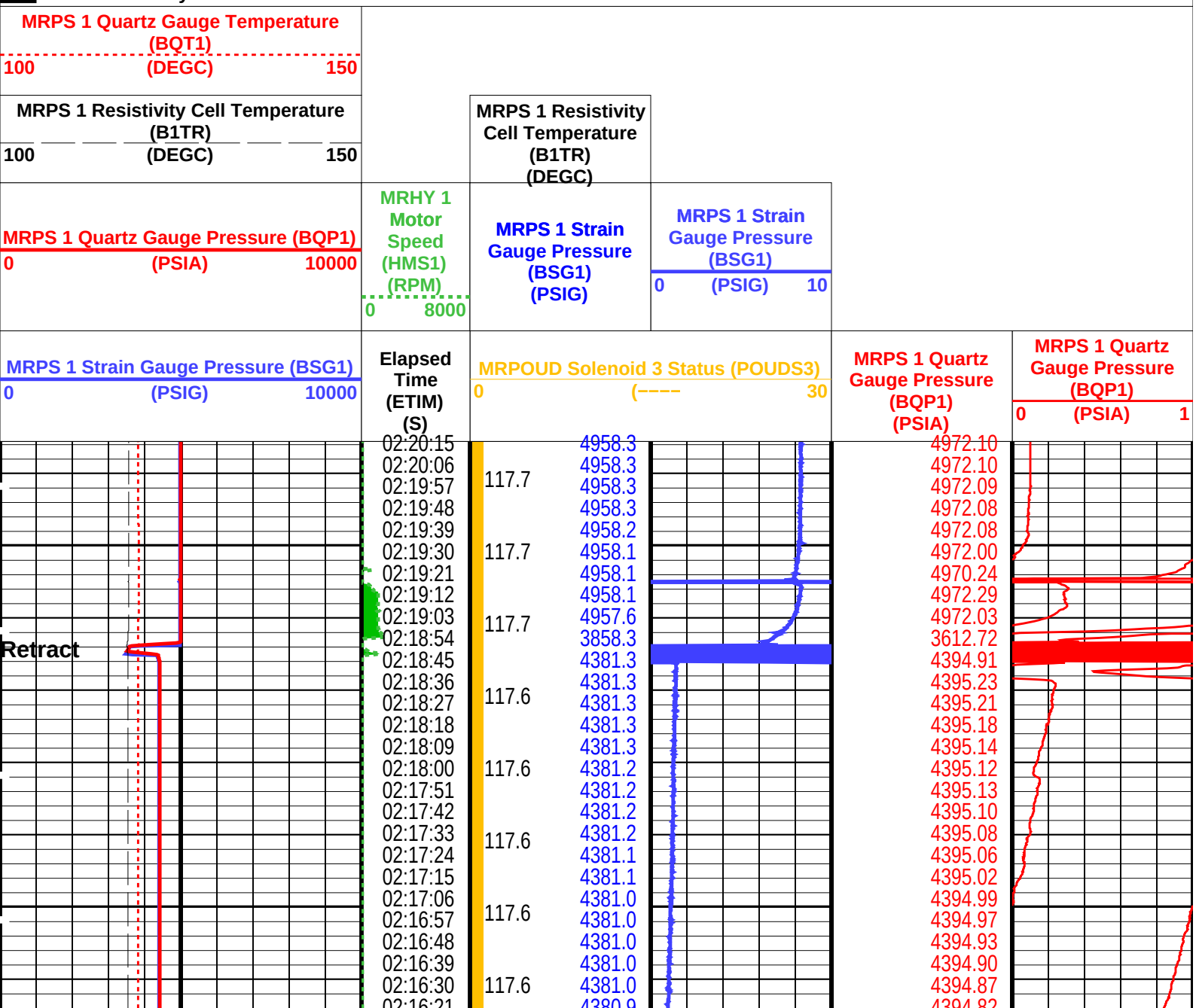
Output DLIS Files

DEFAULT	MDT_OFA_082PTP	FN:81	PRODUCER	06−Dec−2004 12:41	3100.5 M	21.4 M

Elapsed Time (s)	Event Summary
8332.8	Retract Single Probe Module (MRPS) 1
7433.7	Pumping Stopped 40365.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7402.2	Seal Multi−Sample Module (MRMS) 1, bottle 1
7151.7	Open Multi−Sample Module (MRMS) 1, bottle 1, sample number = 2
1303.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
317.1	Vert Pretest 9.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
212.4	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
119.7	Probe Set @ 3100.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S



02:16:21		4380.9	4394.82
02:16:12		4380.9	4394.81
02:16:03	117.6	4380.8	4394.75
02:15:54		4380.8	4394.72
02:15:45		4380.8	4394.69
02:15:36		4380.8	4394.65
02:15:27	117.6	4380.7	4394.60
02:15:18		4380.6	4394.57
02:15:09		4380.6	4394.50
02:15:00	117.6	4380.6	4394.48
02:14:51		4380.5	4394.43
02:14:42		4380.5	4394.37
02:14:33	117.5	4380.4	4394.33
02:14:24		4380.3	4394.28
02:14:15		4380.4	4394.22
02:14:06		4380.3	4394.17
02:13:57	117.5	4380.2	4394.12
02:13:48		4380.2	4394.06
02:13:39		4380.1	4393.99
02:13:30	117.5	4380.0	4393.93
02:13:21		4380.0	4393.86
02:13:12		4379.8	4393.79
02:13:03	117.5	4379.9	4393.72
02:12:54		4379.7	4393.65
02:12:45		4379.7	4393.56
02:12:36		4379.6	4393.49
02:12:27	117.5	4379.5	4393.42
02:12:18		4379.4	4393.34
02:12:09		4379.3	4393.24
02:12:00	117.5	4379.3	4393.16
02:11:51		4379.1	4393.07
02:11:42		4379.0	4392.97
02:11:33	117.5	4379.0	4392.86
02:11:24		4378.8	4392.75
02:11:15		4378.7	4392.66
02:11:06		4378.6	4392.55
02:10:57	117.5	4378.6	4392.42
02:10:48		4378.4	4392.30
02:10:39		4378.3	4392.17
02:10:30	117.5	4378.2	4392.05
02:10:21		4378.0	4391.91
02:10:12		4377.9	4391.76
02:10:03	117.5	4377.7	4391.60
02:09:54		4377.6	4391.46
02:09:45		4377.4	4391.28
02:09:36		4377.3	4391.11
02:09:27	117.5	4377.0	4390.93
02:09:18		4376.9	4390.74
02:09:09		4376.6	4390.53
02:09:00	117.5	4376.4	4390.32
02:08:51		4376.2	4390.10
02:08:42		4376.0	4389.87
02:08:33	117.5	4375.8	4389.61
02:08:24		4375.5	4389.36
02:08:15		4375.2	4389.09
02:08:06		4374.9	4388.80
02:07:57	117.4	4374.6	4388.48
02:07:48		4374.3	4388.15
02:07:39		4373.9	4387.78
02:07:30	117.4	4373.5	4387.39
02:07:21		4373.1	4386.97
02:07:12		4372.7	4386.50
02:07:03	117.4	4372.3	4386.01
02:06:54		4371.6	4385.47
02:06:45		4371.1	4384.87
02:06:36		4370.3	4384.15
02:06:27	117.4	4369.6	4383.37
02:06:18		4368.6	4382.44
02:06:09		4367.6	4381.36
02:06:00	117.4	4366.3	4380.06
02:05:51		4364.7	4378.47
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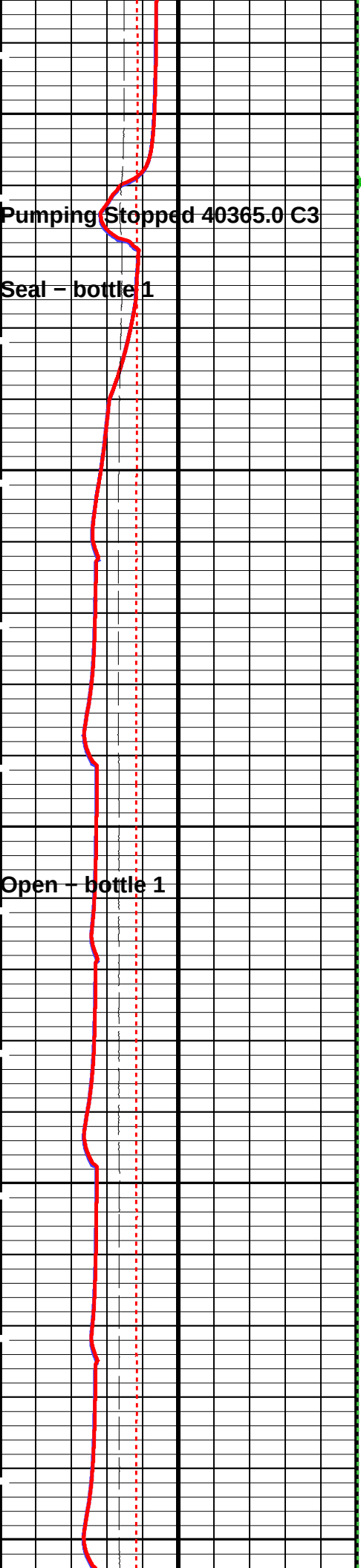
02:05:33	117.3	4360.3	4373.90
02:05:24		4357.0	4370.50



02:05:15		4352.5	4366.03
02:05:06		4346.5	4359.83
02:04:57	117.3	4338.2	4351.17
02:04:48		4326.0	4338.78
02:04:39		4307.7	4319.78
02:04:30	117.3	4277.1	4288.35
02:04:21		4218.1	4224.60
02:04:12		4021.9	4002.00
02:04:03	116.8	3251.8	3222.00
02:03:54		2805.2	2802.34
02:03:45		3062.7	3142.71
02:03:36		3852.5	3861.70
02:03:27	117.0	3810.7	3821.16
02:03:18		3777.1	3790.63
02:03:09		3687.7	3692.22
02:03:00	116.8	3557.3	3561.03
02:02:51		3401.7	3401.35
02:02:42		3209.4	3207.51
02:02:33	116.6	3021.2	3029.90
02:02:24		2956.4	2964.65
02:02:15		2888.0	2895.41
02:02:06		2806.6	2813.71
02:01:57	116.5	2708.5	2714.60
02:01:48		2623.1	2630.91
02:01:39		2560.5	2571.27
02:01:30	116.5	2686.5	2717.63
02:01:21		2660.5	2672.16
02:01:12		2649.7	2662.82
02:01:03	116.5	2636.8	2648.77
02:00:54		2619.4	2630.42
02:00:45		2588.9	2598.69
02:00:36		2539.3	2547.22
02:00:27	116.5	2461.4	2467.01
02:00:18		2360.1	2365.54
02:00:09		2376.9	2403.87
02:00:00	116.6	2684.6	2697.31
01:59:51		2682.0	2695.10
01:59:42		2679.0	2691.32
01:59:33	116.6	2671.9	2684.31
01:59:24		2662.6	2674.51
01:59:15		2645.1	2656.16
01:59:06		2621.1	2632.05
01:58:57	116.6	2580.8	2589.63
01:58:48		2538.5	2556.81
01:58:39		2714.4	2685.47
01:58:30	116.6	2649.2	2661.94
01:58:21		2639.5	2652.39
01:58:12		2627.0	2639.36
01:58:03	116.6	2606.4	2618.19
01:57:54		2573.5	2583.40
01:57:45		2517.1	2524.50
01:57:36		2431.0	2433.92
01:57:27	116.5	2333.3	2342.11
01:57:18		2418.2	2451.19
01:57:09		2684.3	2696.48
01:57:00	116.6	2680.2	2691.63
01:56:51		2672.4	2684.63
01:56:42		2667.2	2679.85
01:56:33	116.6	2653.6	2665.42
01:56:24		2636.3	2648.24
01:56:15		2611.3	2621.93
01:56:06		2566.4	2574.66
01:55:57	116.6	2553.2	2577.16
01:55:48		2650.6	2663.30
01:55:39		2642.6	2654.82
01:55:30	116.6	2632.8	2643.72
01:55:21		2616.4	2628.40
01:55:12		2592.4	2603.41
01:55:03	116.6	2553.8	2564.18
01:54:54		2494.8	2500.97
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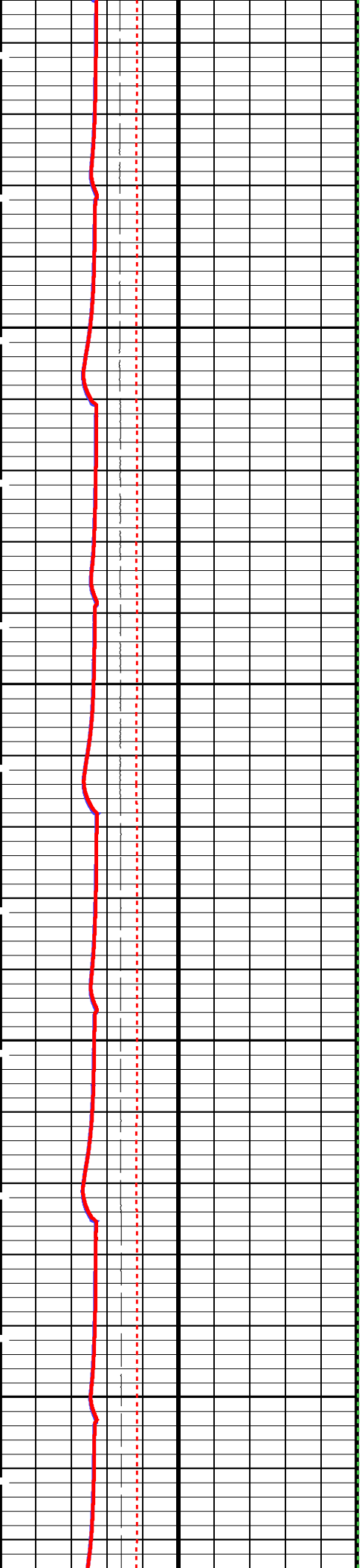

01:54:18		2670.9	2682.65
01:54:09		2664.8	2677.93
01:54:00	116.7	2658.7	2671.00
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01:53:42		2640.1	2651.79
01:53:33	116.7	2622.6	2633.32
01:53:24		2592.5	2603.23
01:53:15		2547.6	2556.85
01:53:06		2561.9	2589.04
01:52:57	116.7	2638.0	2649.57
01:52:48		2629.5	2641.47
01:52:39		2619.0	2630.99
01:52:30	116.7	2603.3	2615.35
01:52:21		2581.1	2591.47
01:52:12		2541.1	2550.43
01:52:03	116.7	2476.3	2483.51
01:51:54		2380.9	2386.40
01:51:45		2306.0	2322.51
01:51:36		2478.2	2517.95
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01:51:18		2664.9	2677.15
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01:51:00	116.8	2651.3	2664.46
01:50:51		2640.8	2652.45
01:50:42		2622.5	2633.26
01:50:33	116.8	2596.8	2607.56
01:50:24		2545.8	2554.99
01:50:15		2555.0	2580.10
01:50:06		2634.7	2644.70
01:49:57	116.8	2626.1	2638.57
01:49:48		2615.1	2626.95
01:49:39		2599.2	2611.95
01:49:30	116.8	2579.2	2590.01
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01:49:12		2482.4	2489.59
01:49:03	116.7	2390.7	2395.93
01:48:54		2316.2	2330.93
01:48:45		2472.4	2513.98
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01:48:18		2666.8	2679.54
01:48:09		2658.1	2670.90
01:48:00	116.8	2644.4	2655.38
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01:47:42		2588.4	2597.85
01:47:33	116.8	2539.9	2547.42
01:47:24		2542.8	2566.97
01:47:15		2623.7	2634.63
01:47:06		2614.3	2626.92
01:46:57	116.8	2605.7	2616.31
01:46:48		2590.6	2603.04
01:46:39		2567.5	2578.64
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01:46:12		2379.4	2383.88
01:46:03	116.8	2293.1	2303.95
01:45:54		2413.0	2448.26
01:45:45		2659.0	2669.76
01:45:36		2653.0	2667.10
01:45:27	116.9	2649.2	2661.87
01:45:18		2642.2	2654.97
01:45:09		2632.8	2645.33
01:45:00	116.9	2616.8	2628.66
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01:44:33	116.9	2518.8	2541.12
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01:44:15		2614.0	2626.64
01:44:06		2605.4	2618.30
01:43:57	116.9	2593.3	2604.98
01:43:48		2573.4	2583.00
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01:43:30	116.9	2488.7	2495.04
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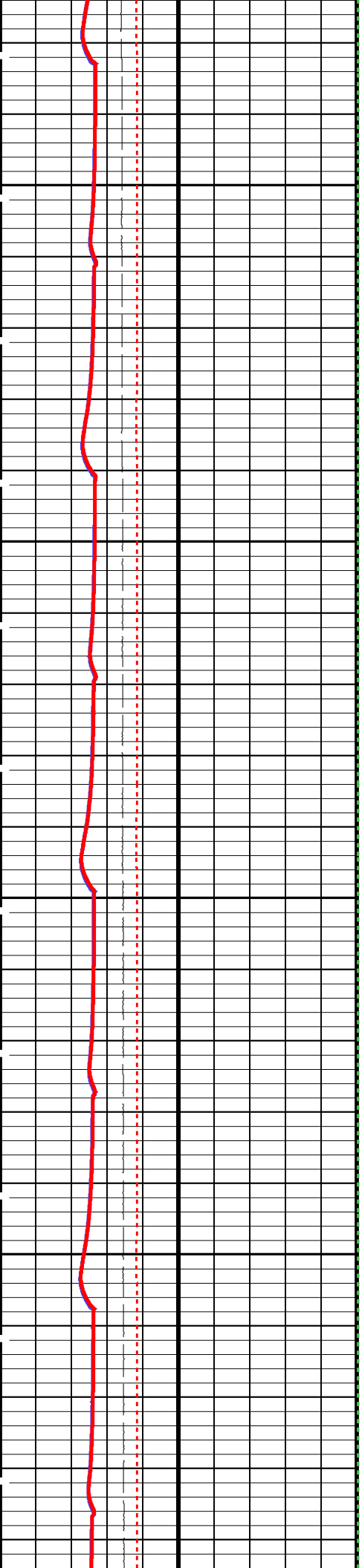

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01:43:03	116.9	2358.6	2388.88
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01:42:45		2643.4	2655.35
01:42:36		2639.9	2652.28
01:42:27	117.0	2635.3	2647.77
01:42:18		2626.4	2638.73
01:42:09		2613.1	2624.35
01:42:00	117.0	2590.4	2602.58
01:41:51		2553.5	2563.29
01:41:42		2502.0	2515.66
01:41:33	117.0	2657.0	2680.06
01:41:24		2609.2	2620.28
01:41:15		2600.8	2611.56
01:41:06		2585.9	2597.47
01:40:57	117.0	2567.7	2577.68
01:40:48		2537.5	2548.23
01:40:39		2491.4	2499.06
01:40:30	117.0	2415.6	2421.71
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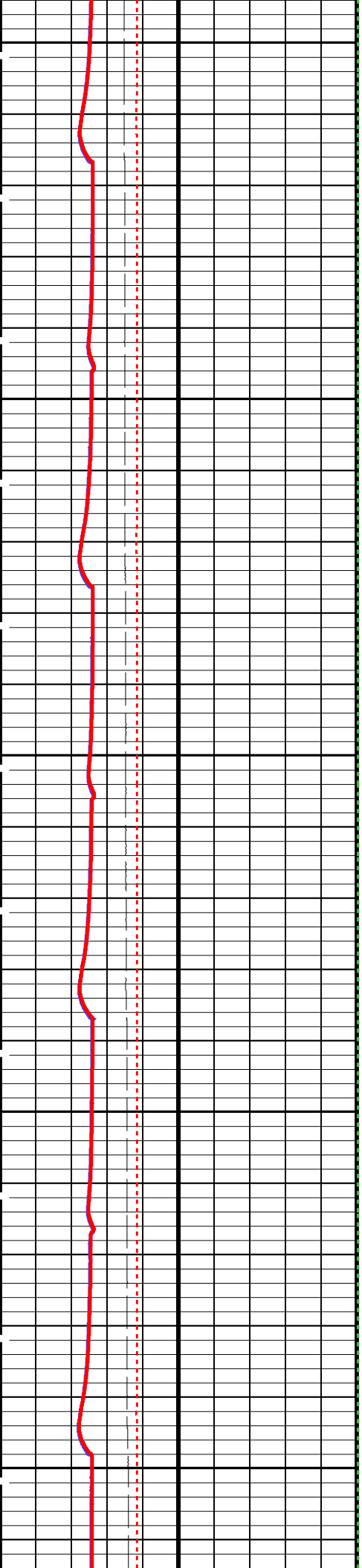

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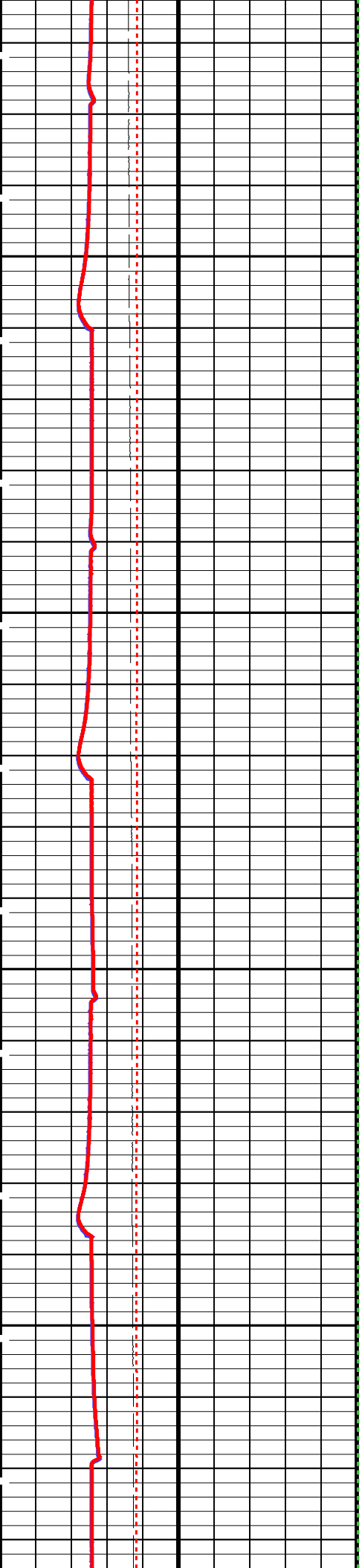

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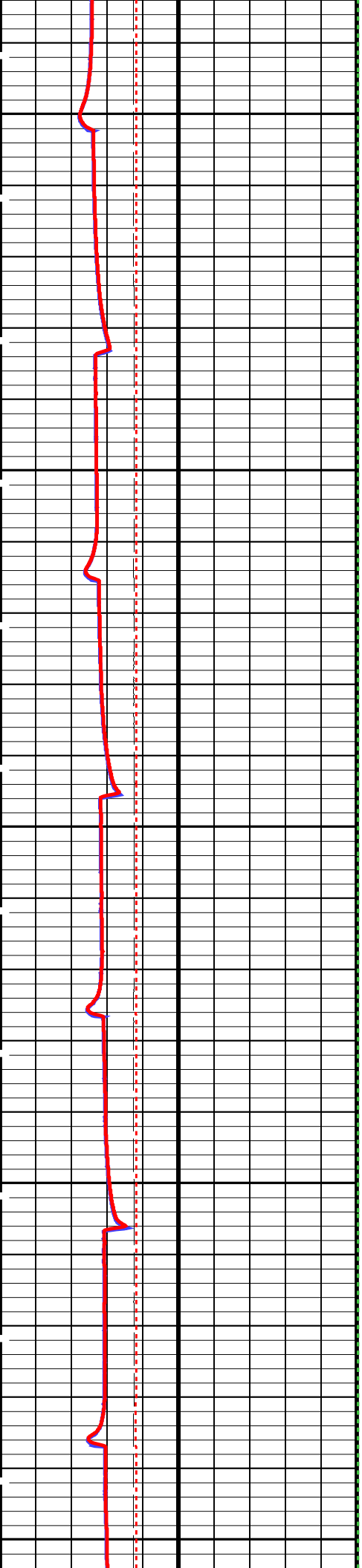

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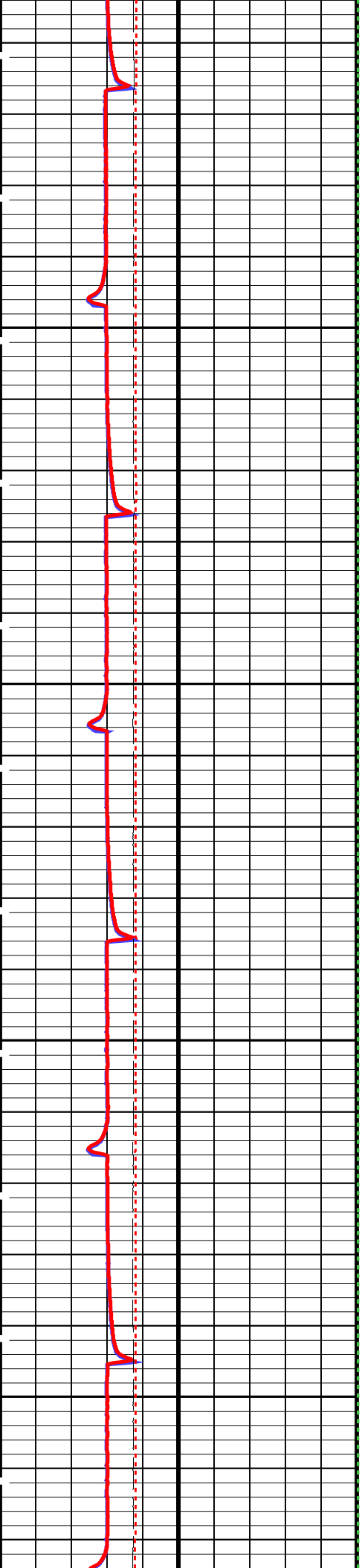

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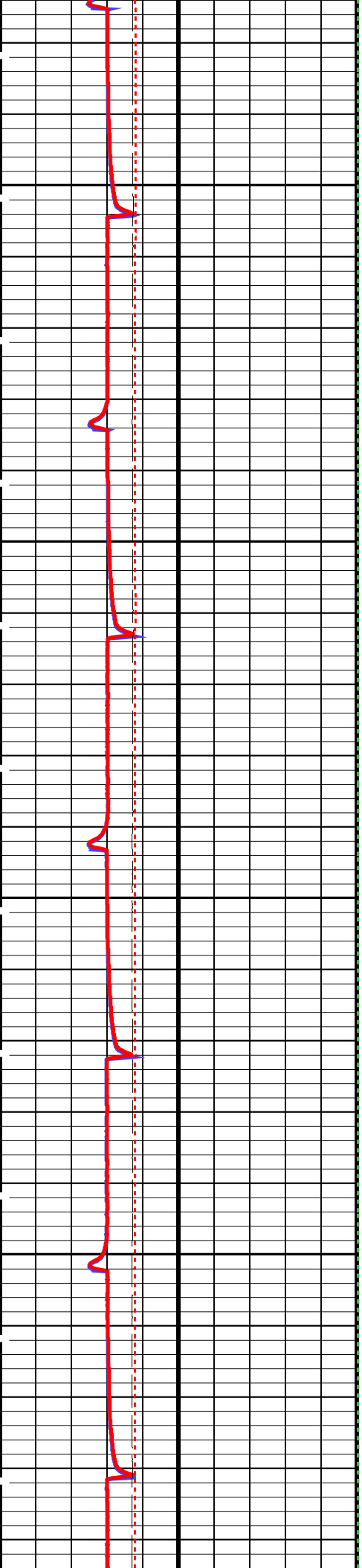

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00:41:24		3056.1	3070.11
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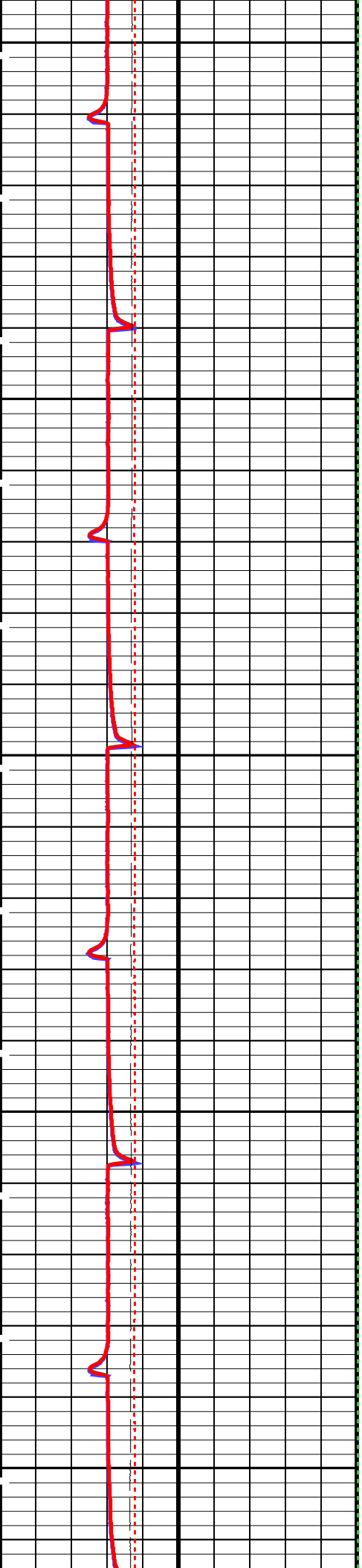
00:41:06		3183.3	3204.23
00:40:57	118.5	2963.9	2977.80
00:40:48		2964.8	2977.89
00:40:39		2968.4	2984.90
00:40:30	118.5	2967.7	2985.44
00:40:21		2960.5	2978.95
00:40:12		2975.1	2987.65
00:40:03	118.5	2963.8	2976.97
00:39:54		2977.6	2987.12
00:39:45		2971.6	2983.81
00:39:36		2870.7	2866.69
00:39:27	118.4	2990.0	3002.69
00:39:18		2987.4	3002.04
00:39:09		2988.7	3003.36
00:39:00	118.4	2993.7	3010.75
00:38:51		3003.7	3018.97
00:38:42		3019.8	3033.12
00:38:33	118.4	3038.8	3053.65
00:38:24		3061.8	3078.32
00:38:15		3119.2	3136.75
00:38:06		3238.0	3278.38
00:37:57	118.4	2969.7	2986.78
00:37:48		2983.9	2994.26
00:37:39		2983.8	2998.75
00:37:30	118.4	2986.3	3004.20
00:37:21		2979.0	2992.24



00:37:21		2979.0	2992.24
00:37:12		2978.4	2990.72
00:37:03	118.4	2972.1	2987.24
00:36:54		2987.1	2989.36
00:36:45		2966.2	2977.27
00:36:36		2693.8	2592.59
00:36:27	118.4	2998.2	3011.68
00:36:18		2998.6	3012.51
00:36:09		3004.0	3018.74
00:36:00	118.4	3015.9	3028.32
00:35:51		3023.3	3037.61
00:35:42		3045.3	3057.92
00:35:33	118.3	3062.8	3078.96
00:35:24		3100.9	3117.56
00:35:15		3158.8	3180.72
00:35:06		3670.6	3590.36
00:34:57	118.4	3005.4	3016.65
00:34:48		3007.9	3013.78
00:34:39		3002.7	3014.64
00:34:30	118.4	3008.1	3026.08
00:34:21		3007.7	3019.39
00:34:12		3005.5	3020.42
00:34:03	118.4	3007.1	3025.38
00:33:54		3015.4	3021.47
00:33:45		2955.6	2953.57
00:33:36		2705.7	2994.63
00:33:27	118.3	2990.9	3006.03
00:33:18		2996.4	3011.67
00:33:09		3002.1	3016.70
00:33:00	118.3	3012.8	3025.53
00:32:51		3023.7	3037.23
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00:32:24		3121.0	3138.47
00:32:15		3211.2	3235.37
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00:31:57	118.3	2988.6	2999.89
00:31:48		2988.3	3003.17
00:31:39		3004.5	3017.71
00:31:30	118.3	2991.9	3008.19
00:31:21		2976.6	2987.75
00:31:12		2988.5	3005.12
00:31:03	118.3	2987.4	3008.70
00:30:54		2976.1	2987.41
00:30:45		2748.9	2685.82
00:30:36		2988.4	3000.45
00:30:27	118.3	2996.1	3009.38
00:30:18		2998.8	3011.97
00:30:09		3009.3	3021.09
00:30:00	118.2	3008.8	3025.66
00:29:51		3030.5	3044.54
00:29:42		3055.6	3068.33
00:29:33	118.3	3088.2	3105.38
00:29:24		3143.8	3165.22
00:29:15		3586.3	3690.96
00:29:06		2997.0	3011.10
00:28:57	118.3	2988.9	3005.35
00:28:48		2995.9	3011.97
00:28:39		3009.1	3017.33
00:28:30	118.2	2993.3	3010.21
00:28:21		2998.4	3009.42
00:28:12		3003.7	3021.47
00:28:03	118.2	2996.0	3010.89
00:27:54		2940.6	2937.86
00:27:45		2608.4	2919.76
00:27:36		2993.6	3009.12
00:27:27	118.2	3003.5	3014.71
00:27:18		3007.4	3020.63
00:27:09		3005.1	3024.45
00:27:00	118.1	3034.3	3047.11
00:26:51		3058.5	3071.87
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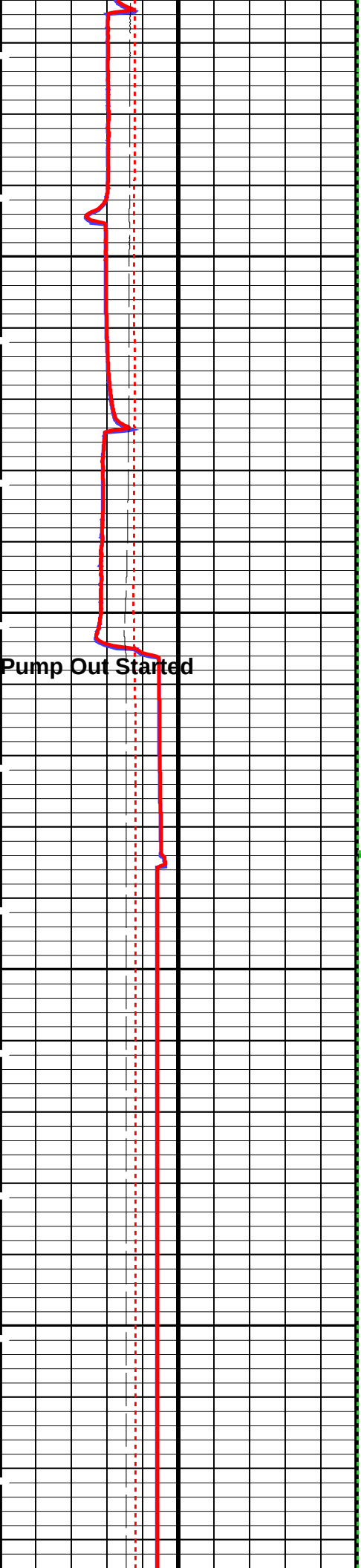

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00:26:06		2988.4	3005.40
00:25:57	118.1	2996.2	3005.97
00:25:48		3007.4	3024.28
00:25:39		3010.1	3019.43
00:25:30	118.1	3000.7	3009.60
00:25:21		3010.6	3019.74
00:25:12		3021.3	3020.86
00:25:03	118.1	2994.8	3000.85
00:24:54		2562.7	2486.45
00:24:45		2942.1	2954.40
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00:24:27	118.0	2941.7	2952.31
00:24:18		2943.0	2958.35
00:24:09		2960.9	2971.04
00:24:00	118.0	2975.4	2990.47
00:23:51		2996.7	3010.07
00:23:42		3040.6	3056.04
00:23:33	118.0	3111.9	3133.06
00:23:24		3472.1	3582.22
00:23:15		2881.8	2892.71
00:23:06		2858.6	2871.67
00:22:57	117.9	2863.8	2876.03
00:22:48		2857.6	2869.65
00:22:39		2830.2	2842.79
00:22:30	117.7	2815.8	2833.07
00:22:21		2815.3	2831.45
00:22:12		2807.9	2821.75
00:22:03	117.4	2780.9	2786.77
00:21:54		2692.2	2762.62
00:21:45		4430.4	4441.40
00:21:36		4433.5	4447.11
00:21:27	117.6	4437.5	4451.16
00:21:18		4442.0	4455.78
00:21:09		4447.9	4461.66
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00:20:42		4474.9	4489.24
00:20:33	117.6	4486.2	4500.35
00:20:24		4488.8	4523.46
00:20:15		4383.9	4397.25
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00:19:57	117.6	4383.9	4396.95
00:19:48		4383.8	4396.93
00:19:39		4383.8	4396.93
00:19:30	117.6	4383.8	4396.91
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00:17:42		4383.7	4396.75
00:17:33	117.6	4383.6	4396.76
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00:17:15		4383.6	4396.76
00:17:06		4383.6	4396.72
00:16:57	117.6	4383.6	4396.71
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00:16:39		4383.6	4396.70
00:16:30	117.6	4383.6	4396.69
00:16:21		4383.5	4396.68
00:16:12		4383.5	4396.66
00:16:03	117.6	4383.6	4396.67
00:15:54		4383.4	4396.62
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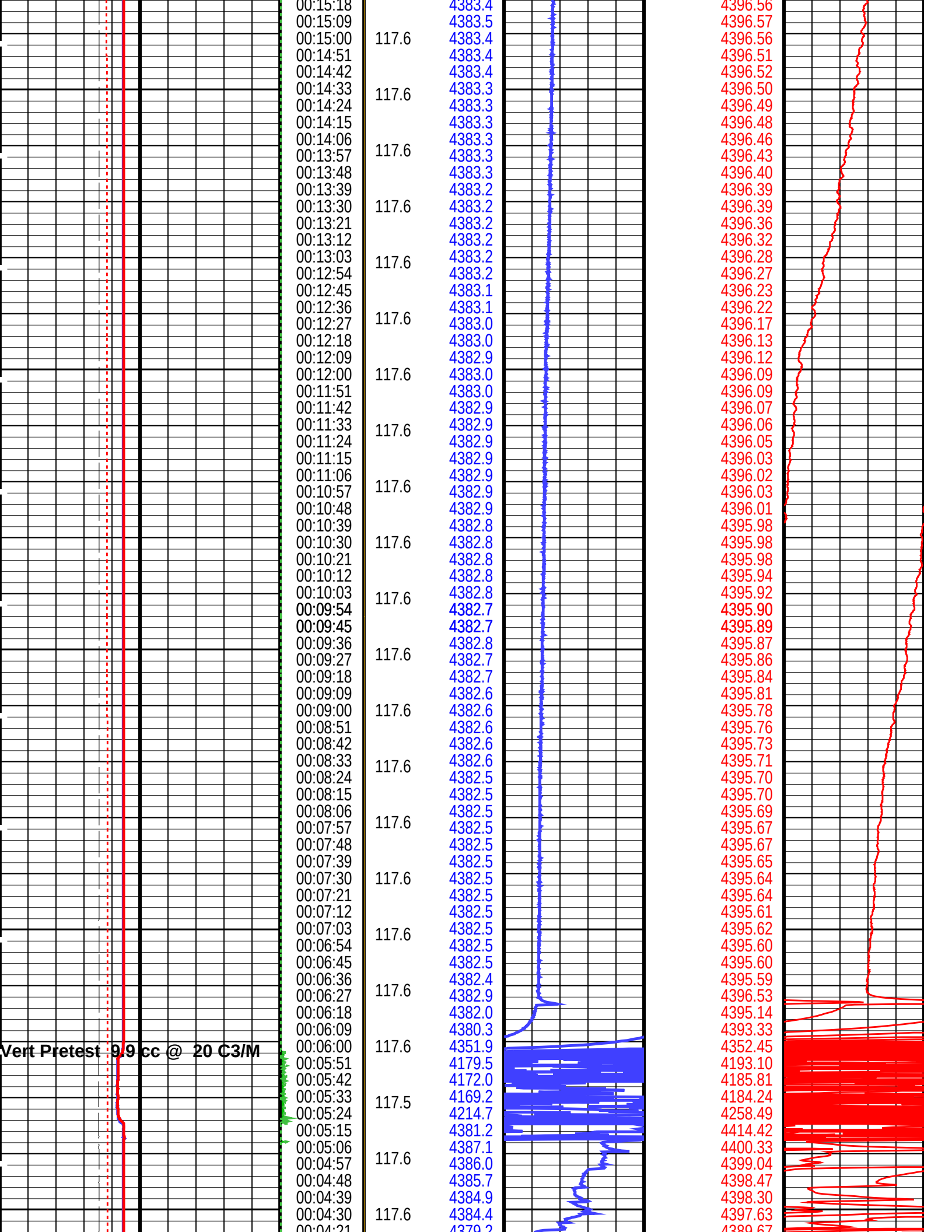
00:15:27	117.6	4383.4	4396.58



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00:14:42		4383.4	4396.52
00:14:33	117.6	4383.3	4396.50
00:14:24		4383.3	4396.49
00:14:15		4383.3	4396.48
00:14:06	117.6	4383.3	4396.46
00:13:57		4383.3	4396.43
00:13:48		4383.3	4396.40
00:13:39		4383.2	4396.39
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00:13:21		4383.2	4396.36
00:13:12		4383.2	4396.32
00:13:03	117.6	4383.2	4396.28
00:12:54		4383.2	4396.27
00:12:45		4383.1	4396.23
00:12:36	117.6	4383.1	4396.22
00:12:27		4383.0	4396.17
00:12:18		4383.0	4396.13
00:12:09		4382.9	4396.12
00:12:00	117.6	4383.0	4396.09
00:11:51		4383.0	4396.09
00:11:42		4382.9	4396.07
00:11:33	117.6	4382.9	4396.06
00:11:24		4382.9	4396.05
00:11:15		4382.9	4396.03
00:11:06	117.6	4382.9	4396.02
00:10:57		4382.9	4396.03
00:10:48		4382.9	4396.01
00:10:39		4382.8	4395.98
00:10:30	117.6	4382.8	4395.98
00:10:21		4382.8	4395.98
00:10:12		4382.8	4395.94
00:10:03	117.6	4382.8	4395.92
00:09:54		4382.7	4395.90
00:09:45		4382.7	4395.89
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00:09:27	117.6	4382.7	4395.86
00:09:18		4382.7	4395.84
00:09:09		4382.6	4395.81
00:09:00	117.6	4382.6	4395.78
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00:08:33	117.6	4382.6	4395.71
00:08:24		4382.5	4395.70
00:08:15		4382.5	4395.70
00:08:06	117.6	4382.5	4395.69
00:07:57		4382.5	4395.67
00:07:48		4382.5	4395.67
00:07:39		4382.5	4395.65
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00:06:45		4382.5	4395.60
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00:06:27		4382.9	4396.53
00:06:18		4382.0	4395.14
00:06:09		4380.3	4393.33
00:06:00	117.6	4351.9	4352.45
00:05:51		4179.5	4193.10
00:05:42		4172.0	4185.81
00:05:33	117.5	4169.2	4184.24
00:05:24		4214.7	4258.49
00:05:15		4381.2	4414.42
00:05:06	117.6	4387.1	4400.33
00:04:57		4386.0	4399.04
00:04:48		4385.7	4398.47
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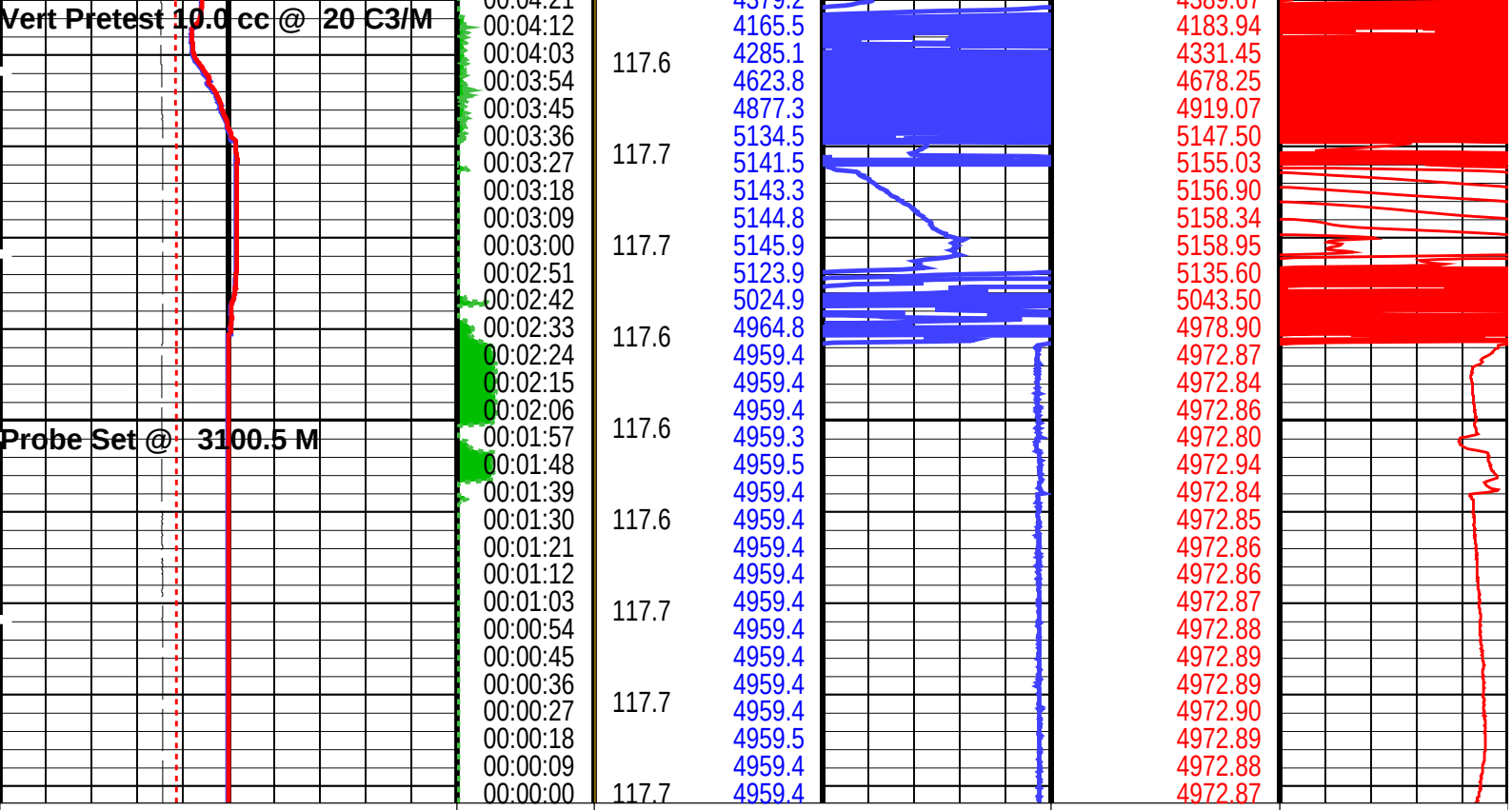


MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Quartz Gauge Temperature (BQT1)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	100 (DEGC) 150	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:41

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRPS_1_CA	12C0−301	MRPC_CA	12C0−301

MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_286LTP	FN:448	PRODUCER	02−Dec−2004 11:12	3100.5 M	21.4 M

Output DLIS Files

DEFAULT	MDT_OFA_082PTP	FN:81	PRODUCER	06−Dec−2004 12:41

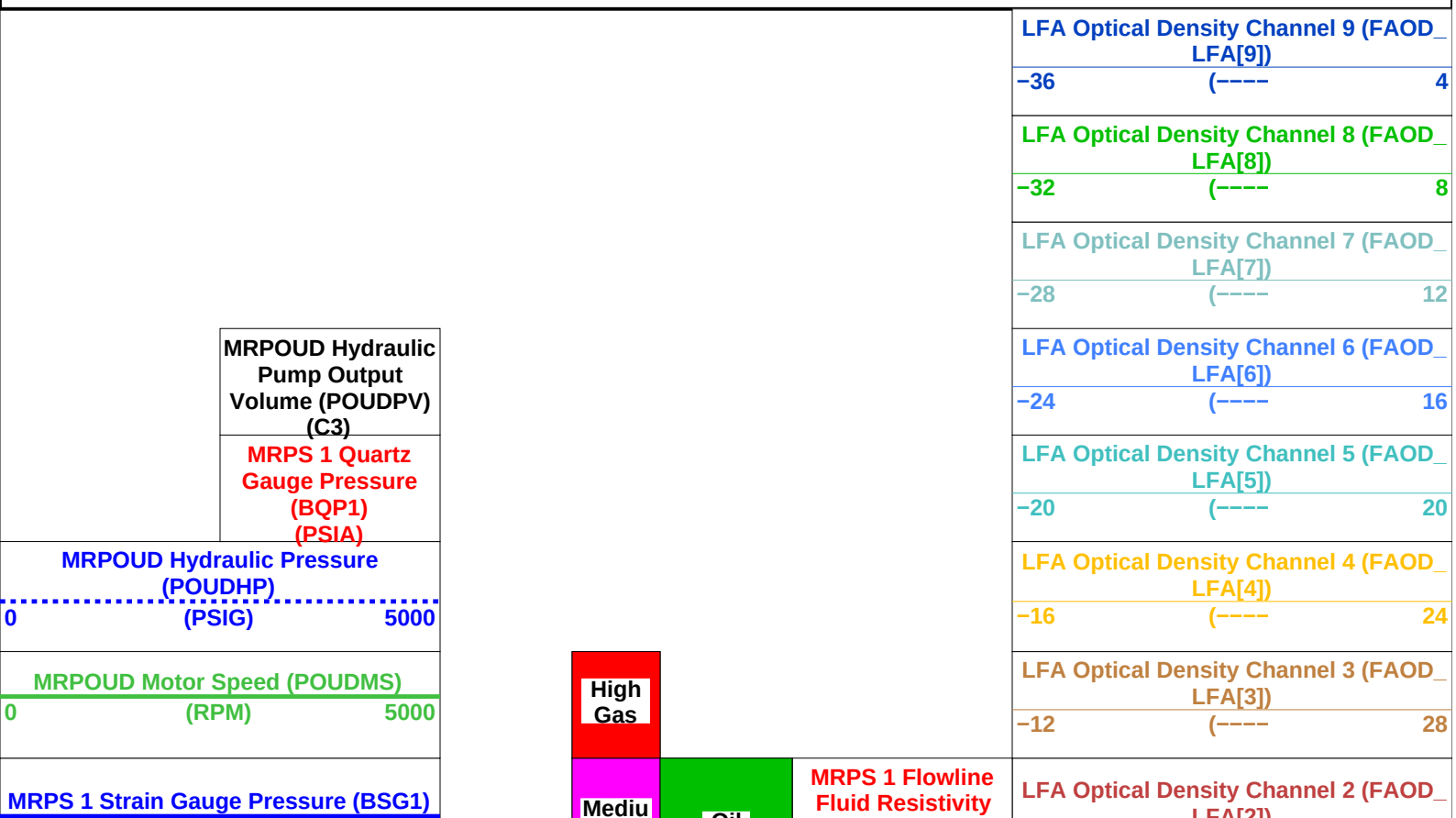
Input DLIS Files

DEFAULT	MDT_OFA_286LTP	FN:448	PRODUCER	02−Dec−2004 11:12	3100.5 M	21.4 M

Output DLIS Files

DEFAULT	MDT_OFA_082PTP	FN:81	PRODUCER	06−Dec−2004 12:41	3100.5 M	21.4 M

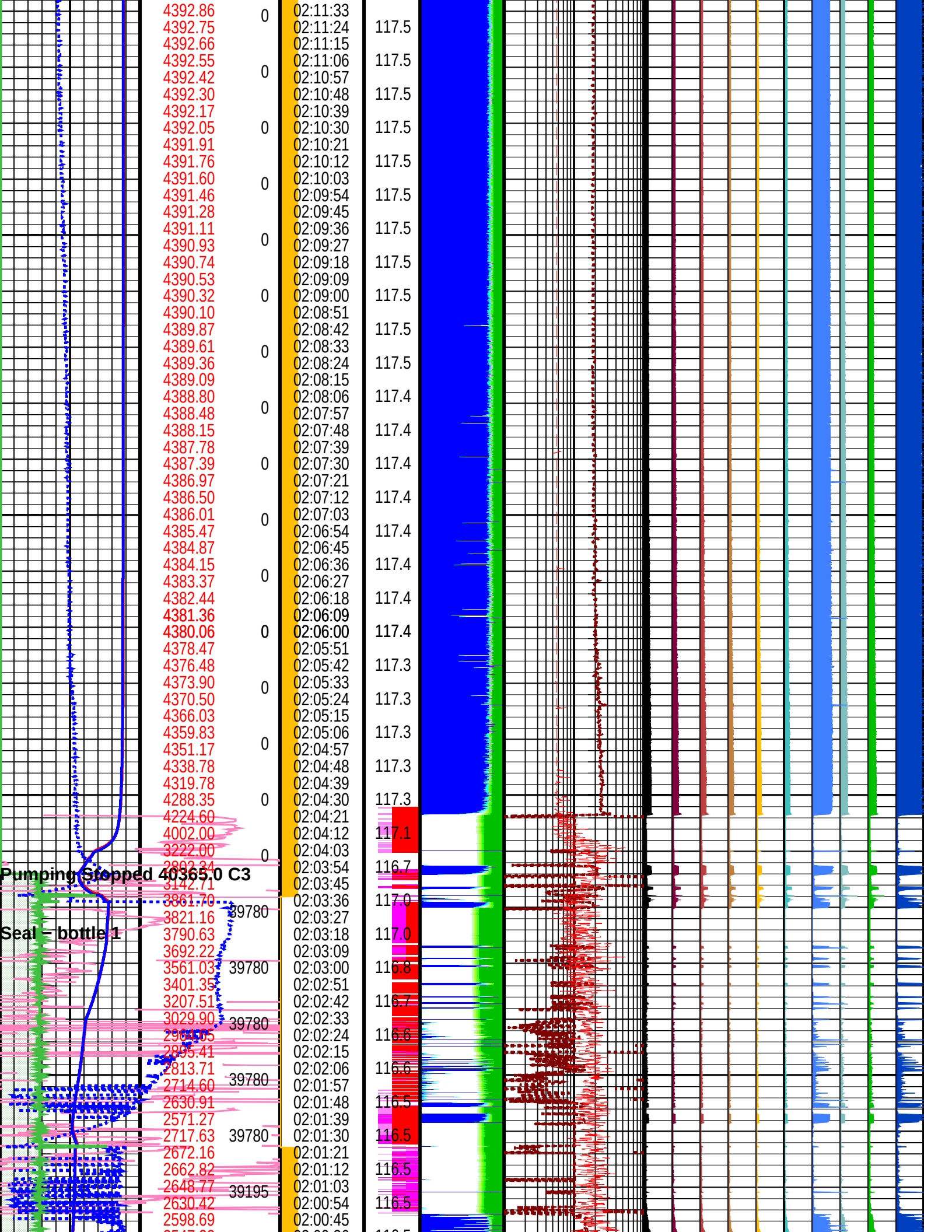
Elapsed Time (s)	Event Summary
8332.8	Retract Single Probe Module (MRPS) 1
7433.7	Pumping Stopped 40365.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7402.2	Seal Multi−Sample Module (MRMS) 1, bottle 1
7151.7	Open Multi−Sample Module (MRMS) 1, bottle 1, sample number = 2
1303.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
317.1	Vert Pretest 9.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
212.4	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
119.7	Probe Set @ 3100.5 M Single Probe Module (MRPS) 1

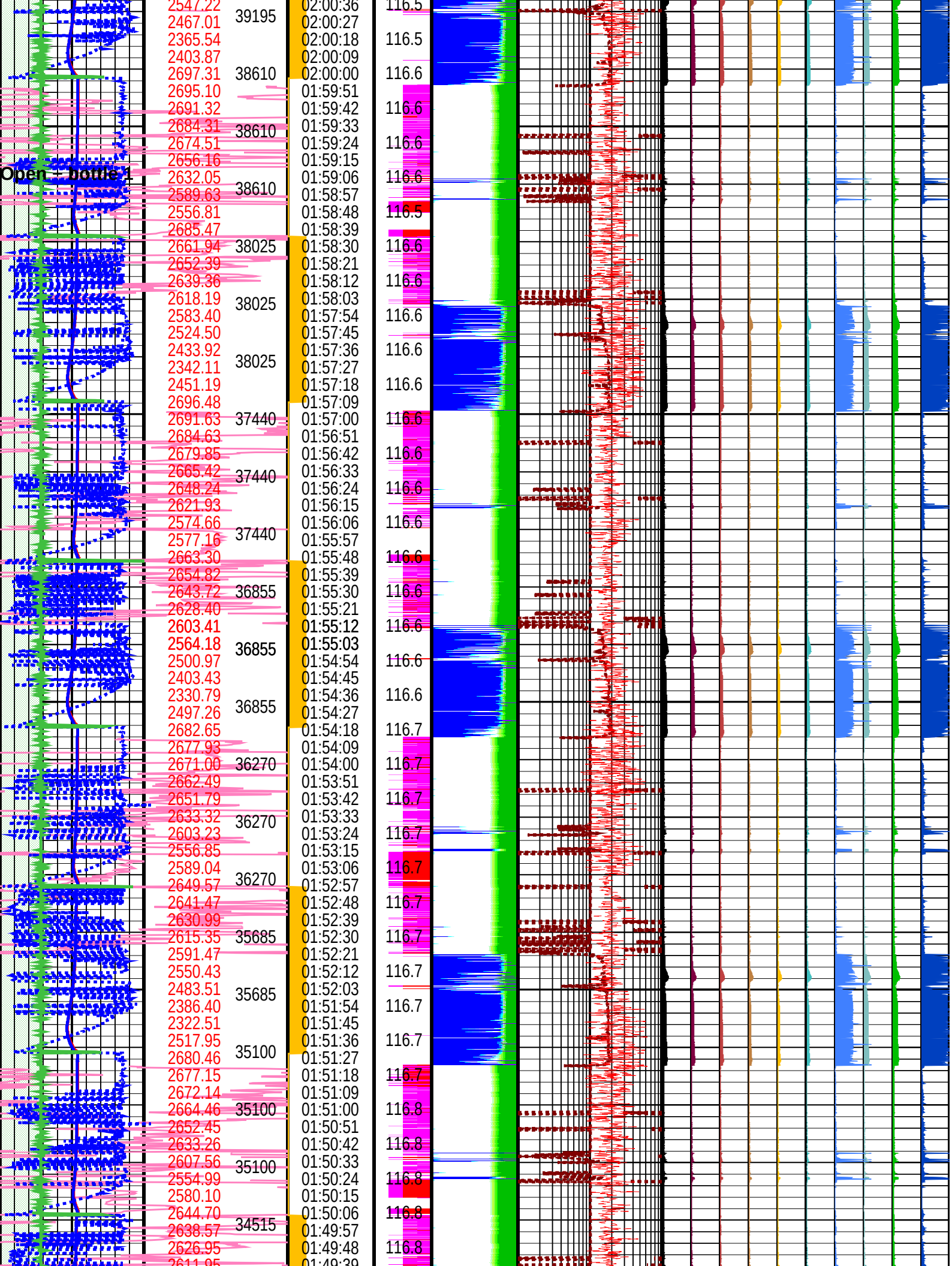


MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 5	Low Gas / Water	LFA Fluid Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 1 (FAOD_LFA[1]) −4 (---- 36
LFA GOR (GOR_LFA) 0 (F3/B) 5000	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40

Retract

4972.10		02:20:15	
4972.10	0	02:20:06	117.7
4972.09		02:19:57	
4972.08		02:19:48	117.7
4972.08		02:19:39	
4972.00	0	02:19:30	117.7
4970.24		02:19:21	
4972.29		02:19:12	117.7
4972.03	0	02:19:03	
3612.72		02:18:54	117.5
4394.91		02:18:45	
4395.23		02:18:36	117.6
4395.21	0	02:18:27	
4395.18		02:18:18	117.6
4395.14		02:18:09	
4395.12	0	02:18:00	117.6
4395.13		02:17:51	
4395.10		02:17:42	117.6
4395.08	0	02:17:33	
4395.06		02:17:24	117.6
4395.02		02:17:15	
4394.99		02:17:06	117.6
4394.97	0	02:16:57	
4394.93		02:16:48	117.6
4394.90		02:16:39	
4394.87	0	02:16:30	117.6
4394.82		02:16:21	
4394.81		02:16:12	117.6
4394.75	0	02:16:03	
4394.72		02:15:54	117.6
4394.69		02:15:45	
4394.65	0	02:15:36	117.6
4394.60		02:15:27	
4394.57		02:15:18	117.6
4394.50		02:15:09	
4394.48	0	02:15:00	117.6
4394.43		02:14:51	
4394.37		02:14:42	117.6
4394.33	0	02:14:33	
4394.28		02:14:24	117.6
4394.22		02:14:15	
4394.17	0	02:14:06	117.6
4394.12		02:13:57	
4394.06		02:13:48	117.5
4393.99		02:13:39	
4393.93	0	02:13:30	117.5
4393.86		02:13:21	
4393.79		02:13:12	117.5
4393.72	0	02:13:03	
4393.65		02:12:54	117.5
4393.56		02:12:45	
4393.49	0	02:12:36	117.5
4393.42		02:12:27	
4393.34		02:12:18	117.5
4393.24		02:12:09	
4393.16	0	02:12:00	117.5
4393.07		02:11:51	
4392.97		02:11:42	117.5


Pumping Stopped 40365.0 C3
Seal - bottle 1


Open + bottle 1
2547.22
2467.01
39195
2365.54
2403.87
2697.31
38610
2695.10
2691.32
2684.31
38610
2674.51
2656.16
2632.05
38610
2589.63
2556.81
2685.47
2661.94
38025
2652.39
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2618.19
38025
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38025
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2643.72
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36855
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36270
2662.49
2651.79
2633.32
36270
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2589.04
36270
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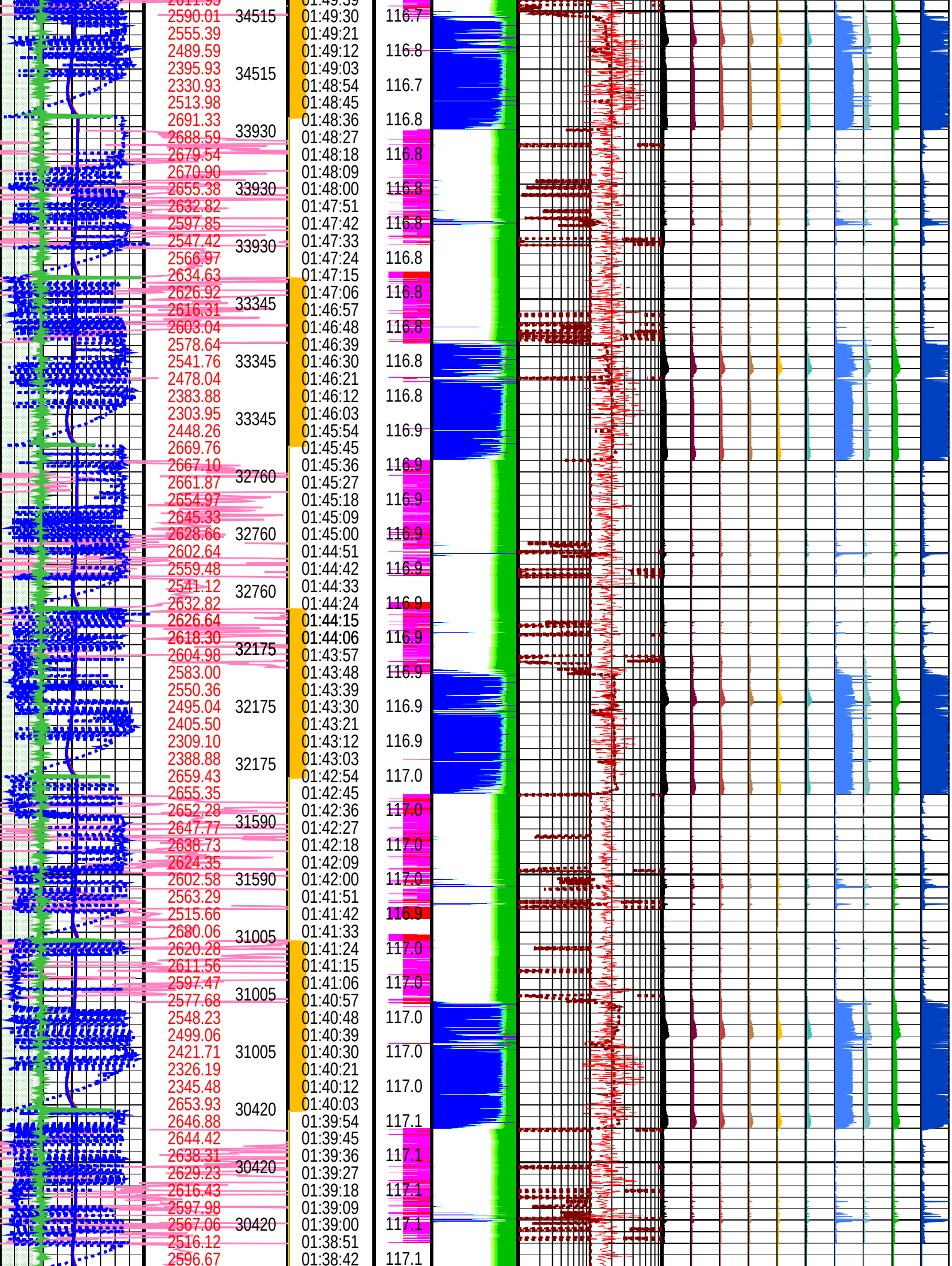
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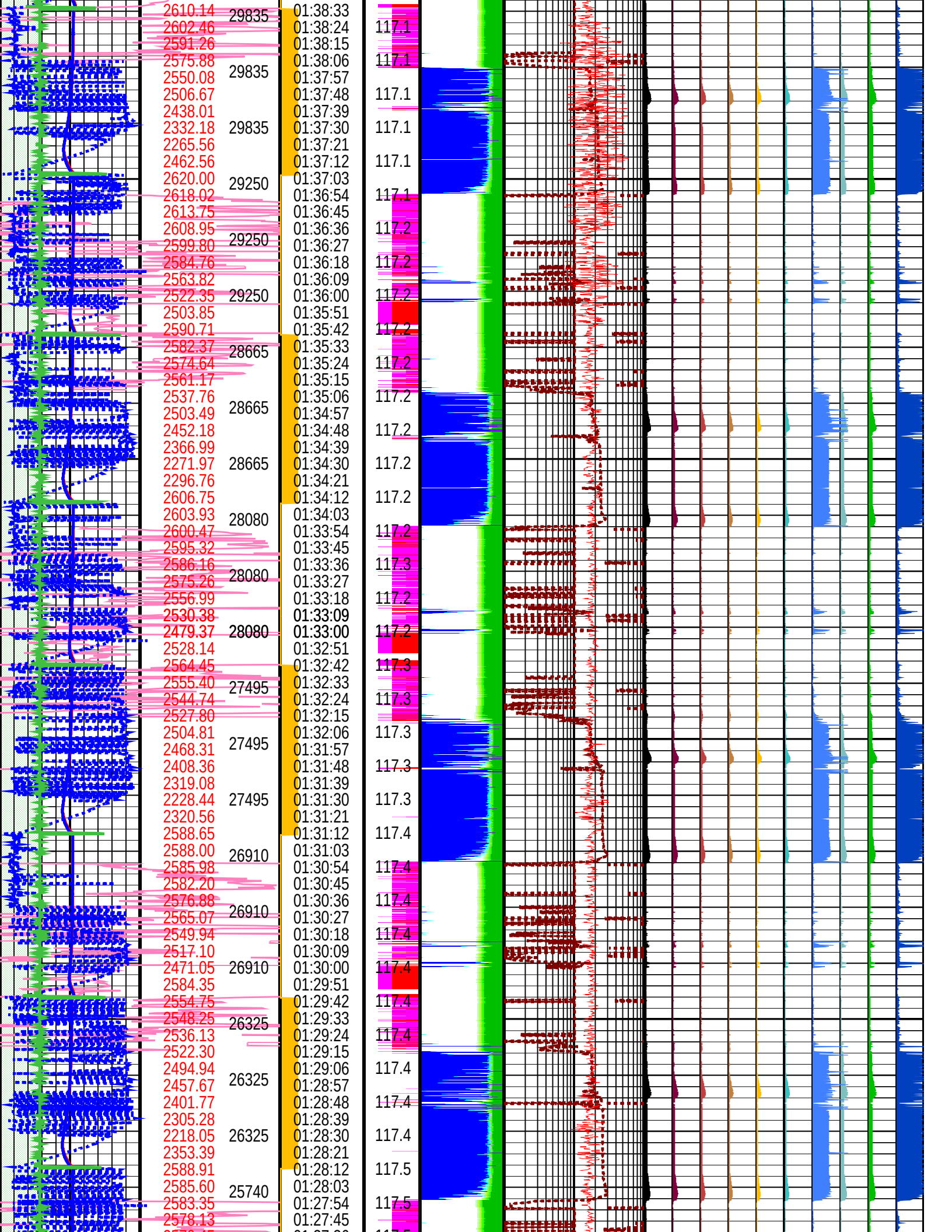
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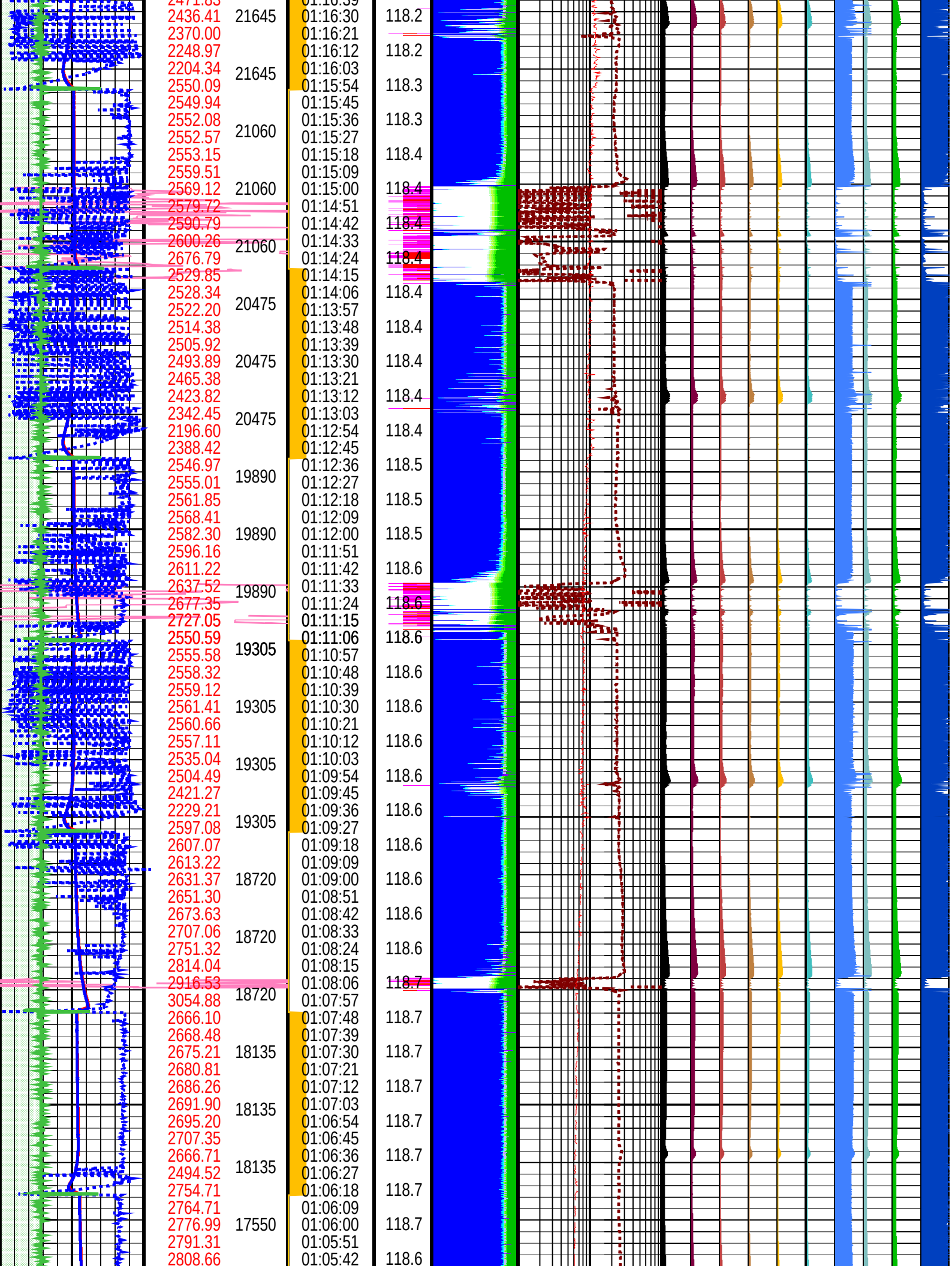

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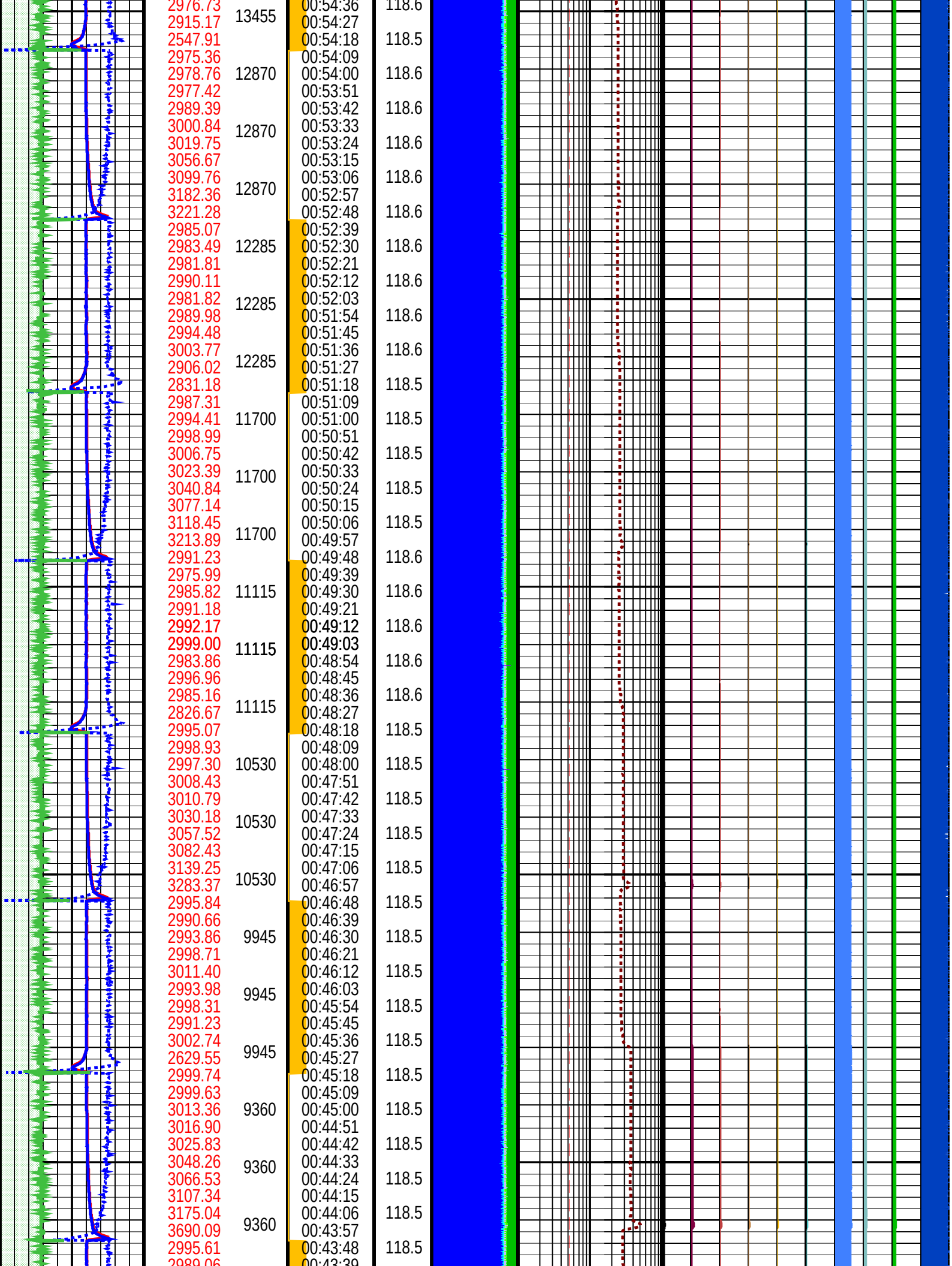

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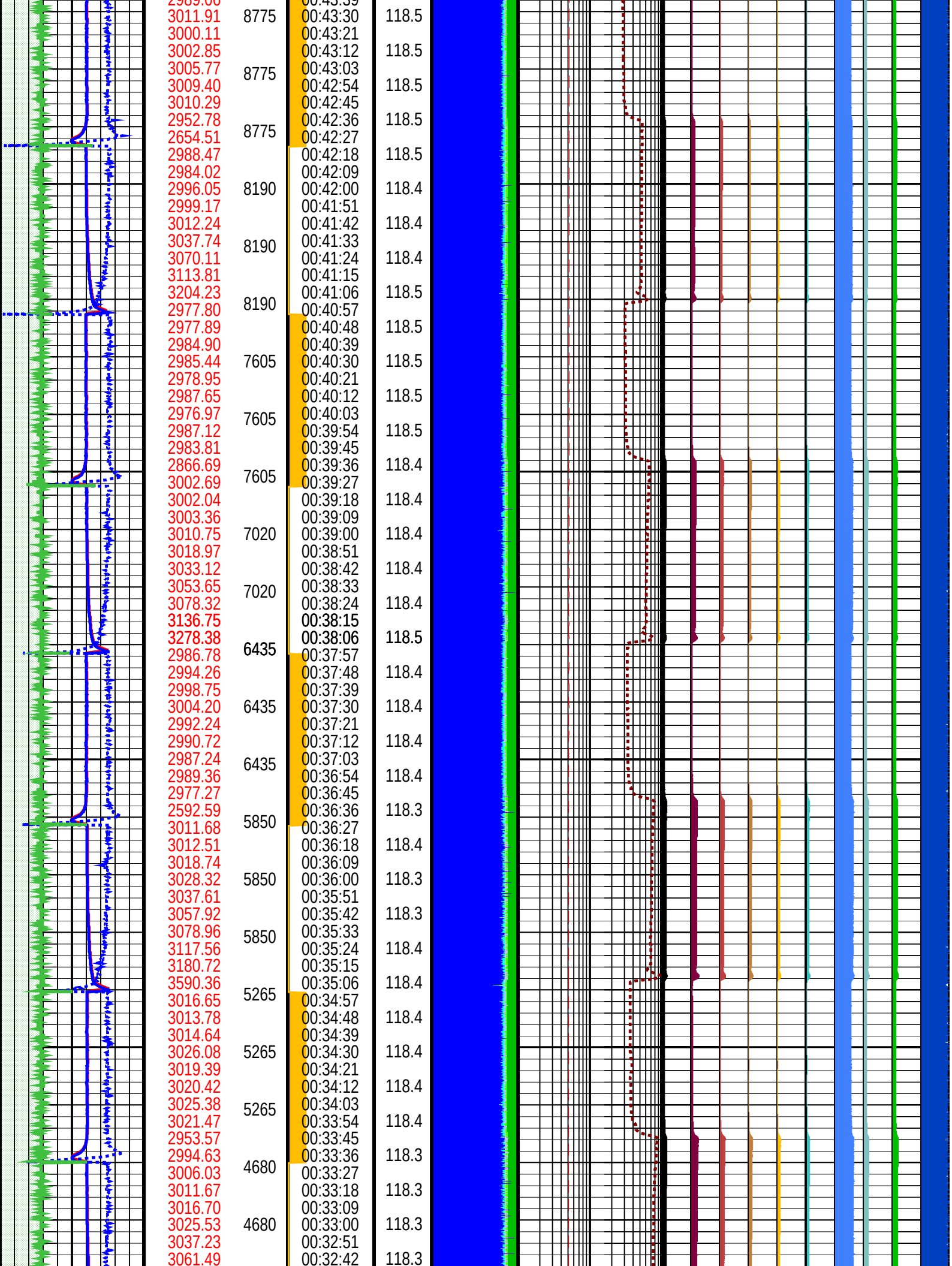
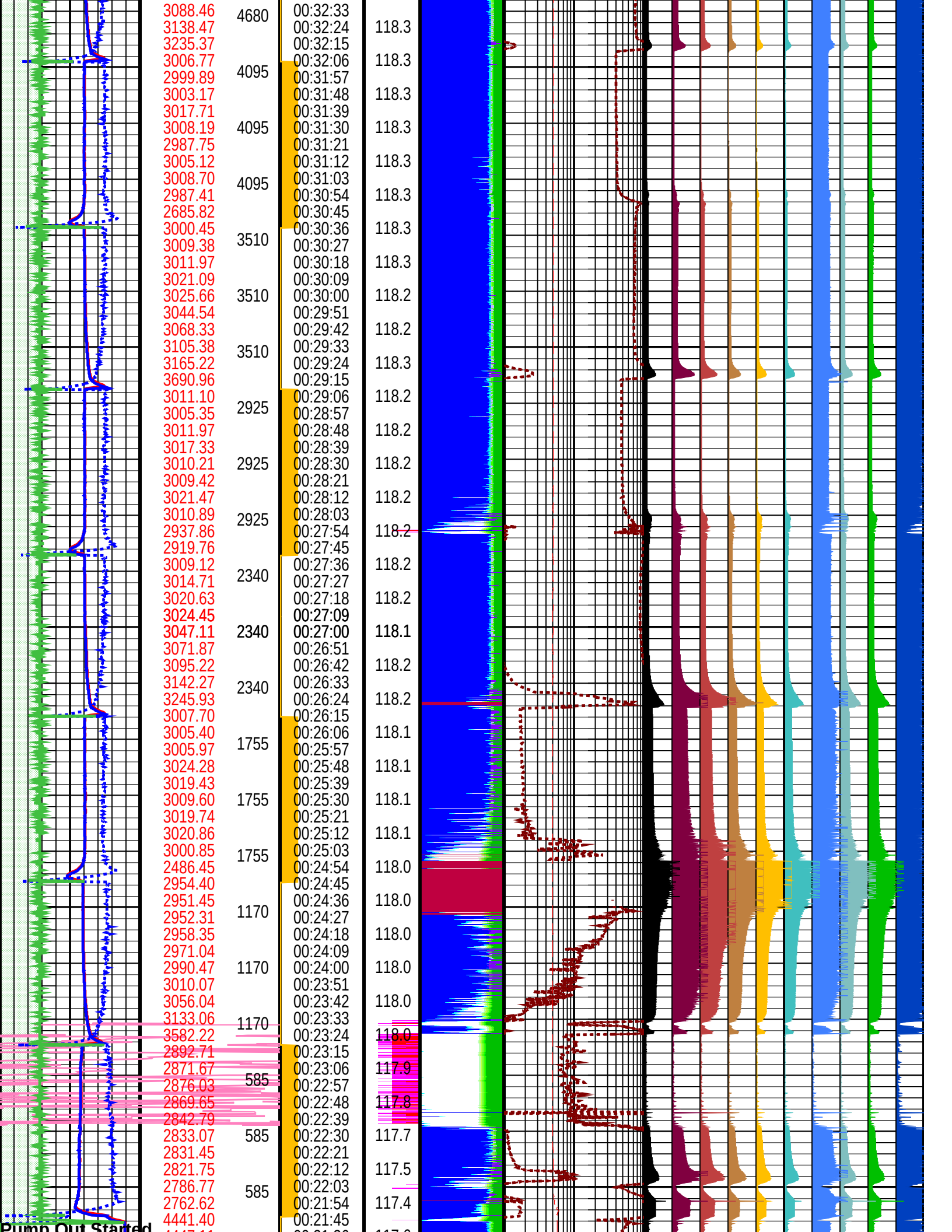
2989.06		00:43:39	



2989.06		00:43:39	
3011.91	8775	00:43:30	118.5
3000.11		00:43:21	
3002.85		00:43:12	118.5
3005.77	8775	00:43:03	
3009.40		00:42:54	118.5
3010.29		00:42:45	
2952.78		00:42:36	118.5
2654.51	8775	00:42:27	
2988.47		00:42:18	118.5
2984.02		00:42:09	
2996.05	8190	00:42:00	118.4
2999.17		00:41:51	
3012.24		00:41:42	118.4
3037.74	8190	00:41:33	
3070.11		00:41:24	118.4
3113.81		00:41:15	
3204.23		00:41:06	118.5
2977.80	8190	00:40:57	
2977.89		00:40:48	118.5
2984.90		00:40:39	
2985.44	7605	00:40:30	118.5
2978.95		00:40:21	
2987.65		00:40:12	118.5
2976.97	7605	00:40:03	
2987.12		00:39:54	118.5
2983.81		00:39:45	
2866.69		00:39:36	118.4
3002.69	7605	00:39:27	
3002.04		00:39:18	118.4
3003.36		00:39:09	
3010.75	7020	00:39:00	118.4
3018.97		00:38:51	
3033.12		00:38:42	118.4
3053.65	7020	00:38:33	
3078.32		00:38:24	118.4
3136.75		00:38:15	
3278.38		00:38:06	118.5
2986.78	6435	00:37:57	
2994.26		00:37:48	118.4
2998.75		00:37:39	
3004.20	6435	00:37:30	118.4
2992.24		00:37:21	
2990.72		00:37:12	118.4
2987.24	6435	00:37:03	
2989.36		00:36:54	118.4
2977.27		00:36:45	
2592.59		00:36:36	118.3
3011.68	5850	00:36:27	
3012.51		00:36:18	118.4
3018.74		00:36:09	
3028.32	5850	00:36:00	118.3
3037.61		00:35:51	
3057.92		00:35:42	118.3
3078.96	5850	00:35:33	
3117.56		00:35:24	118.4
3180.72		00:35:15	
3590.36		00:35:06	118.4
3016.65	5265	00:34:57	
3013.78		00:34:48	118.4
3014.64		00:34:39	
3026.08	5265	00:34:30	118.4
3019.39		00:34:21	
3020.42		00:34:12	118.4
3025.38	5265	00:34:03	
3021.47		00:33:54	118.4
2953.57		00:33:45	
2994.63		00:33:36	118.3
3006.03	4680	00:33:27	
3011.67		00:33:18	118.3
3016.70		00:33:09	
3025.53	4680	00:33:00	118.3
3037.23		00:32:51	
3061.49		00:32:42	118.3


3088.46
3138.47
3235.37
3006.77
2999.89
3003.17
3017.71
3008.19
2987.75
3005.12
3008.70
2987.41
2685.82
3000.45
3009.38
3011.97
3021.09
3025.66
3044.54
3068.33
3105.38
3165.22
3690.96
3011.10
3005.35
3011.97
3017.33
3010.21
3009.42
3021.47
3010.89
2937.86
2919.76
3009.12
3014.71
3020.63
3024.45
3047.11
3071.87
3095.22
3142.27
3245.93
3007.70
3005.40
3005.97
3024.28
3019.43
3009.60
3019.74
3020.86
3000.85
2486.45
2954.40
2951.45
2952.31
2958.35
2971.04
2990.47
3010.07
3056.04
3133.06
3582.22
2892.71
2871.67
2876.03
2869.65
2842.79
2833.07
2831.45
2821.75
2786.77
2762.62
4441.40
4680
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00:32:33
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00:32:06
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00:22:12
00:22:03
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00:21:45
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118.0
118.0
117.9
117.8
117.7
117.5
117.4
Pump Out Started

Pump Set Started

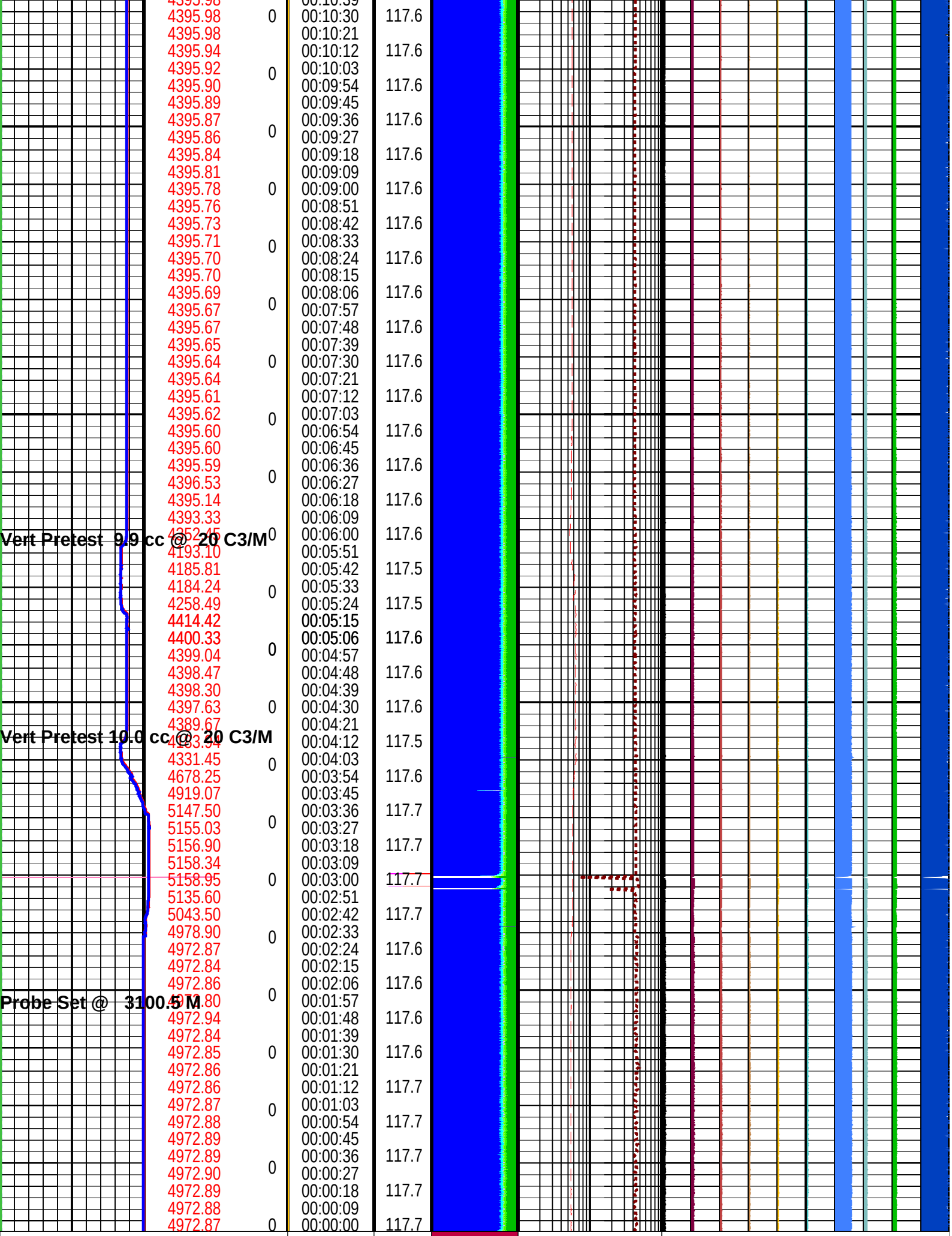
4447.11		00:21:36	117.6
4451.16	0	00:21:27	
4455.78		00:21:18	117.6
4461.66		00:21:09	
4468.71	0	00:21:00	117.6
4477.96		00:20:51	
4489.24		00:20:42	117.6
4500.35	0	00:20:33	
4523.46		00:20:24	117.6
4397.25		00:20:15	
4396.94		00:20:06	117.6
4396.95	0	00:19:57	
4396.93		00:19:48	117.6
4396.93		00:19:39	
4396.91	0	00:19:30	117.6
4396.91		00:19:21	
4396.89		00:19:12	117.6
4396.86	0	00:19:03	
4396.88		00:18:54	117.6
4396.85		00:18:45	
4396.82		00:18:36	117.6
4396.82	0	00:18:27	
4396.81		00:18:18	117.6
4396.79		00:18:09	
4396.79	0	00:18:00	117.6
4396.77		00:17:51	
4396.75		00:17:42	117.6
4396.76	0	00:17:33	
4396.77		00:17:24	117.6
4396.76		00:17:15	
4396.72		00:17:06	117.6
4396.71	0	00:16:57	
4396.71		00:16:48	117.6
4396.70		00:16:39	
4396.69	0	00:16:30	117.6
4396.68		00:16:21	
4396.66		00:16:12	117.6
4396.67	0	00:16:03	
4396.62		00:15:54	117.6
4396.63		00:15:45	
4396.60		00:15:36	117.6
4396.58	0	00:15:27	
4396.56		00:15:18	117.6
4396.57		00:15:09	
4396.56	0	00:15:00	117.6
4396.51		00:14:51	
4396.52		00:14:42	117.6
4396.50	0	00:14:33	
4396.49		00:14:24	117.6
4396.48		00:14:15	
4396.46		00:14:06	117.6
4396.43	0	00:13:57	
4396.40		00:13:48	117.6
4396.39		00:13:39	
4396.39	0	00:13:30	117.6
4396.36		00:13:21	
4396.32		00:13:12	117.6
4396.28	0	00:13:03	
4396.27		00:12:54	117.6
4396.23		00:12:45	
4396.22		00:12:36	117.6
4396.17	0	00:12:27	
4396.13		00:12:18	117.6
4396.12		00:12:09	
4396.09	0	00:12:00	117.6
4396.09		00:11:51	
4396.07		00:11:42	117.6
4396.06	0	00:11:33	
4396.05		00:11:24	117.6
4396.03		00:11:15	
4396.02		00:11:06	117.6
4396.03	0	00:10:57	
4396.01		00:10:48	117.6
4396.98		00:10:39	

4395.98	0	00:10:30	117.6
4395.98		00:10:21	
4395.94		00:10:12	117.6
4395.92	0	00:10:03	
4395.90		00:09:54	117.6
4395.89		00:09:45	
4395.87		00:09:36	117.6
4395.86	0	00:09:27	
4395.84		00:09:18	117.6
4395.81		00:09:09	
4395.78	0	00:09:00	117.6
4395.76		00:08:51	
4395.73		00:08:42	117.6
4395.71	0	00:08:33	
4395.70		00:08:24	117.6
4395.70		00:08:15	
4395.69		00:08:06	117.6
4395.67	0	00:07:57	
4395.67		00:07:48	117.6
4395.65		00:07:39	
4395.64	0	00:07:30	117.6
4395.64		00:07:21	
4395.61		00:07:12	117.6
4395.62	0	00:07:03	
4395.60		00:06:54	117.6
4395.60		00:06:45	
4395.59		00:06:36	117.6
4396.53	0	00:06:27	
4395.14		00:06:18	117.6
4393.33		00:06:09	
4352.45	0	00:06:00	117.6
4193.10		00:05:51	
4185.81		00:05:42	117.5
4184.24	0	00:05:33	
4258.49		00:05:24	117.5
4414.42		00:05:15	
4400.33		00:05:06	117.6
4399.04	0	00:04:57	
4398.47		00:04:48	117.6
4398.30		00:04:39	
4397.63	0	00:04:30	117.6
4389.67		00:04:21	
4363.34		00:04:12	117.5
4331.45	0	00:04:03	
4678.25		00:03:54	117.6
4919.07		00:03:45	
5147.50		00:03:36	117.7
5155.03	0	00:03:27	
5156.90		00:03:18	117.7
5158.34		00:03:09	
5158.95	0	00:03:00	117.7
5135.60		00:02:51	
5043.50		00:02:42	117.7
4978.90	0	00:02:33	
4972.87		00:02:24	117.6
4972.84		00:02:15	
4972.86		00:02:06	117.6
4972.80	0	00:01:57	
4972.94		00:01:48	117.6
4972.84		00:01:39	
4972.85	0	00:01:30	117.6
4972.86		00:01:21	
4972.86		00:01:12	117.7
4972.87	0	00:01:03	
4972.88		00:00:54	117.7
4972.89		00:00:45	
4972.89		00:00:36	117.7
4972.90	0	00:00:27	
4972.89		00:00:18	117.7
4972.88		00:00:09	
4972.87	0	00:00:00	117.7

Vert Pretest 9.9 cc @ 20 C3/M

Vert Pretest 10.0 cc @ 20 C3/M

Probe Set @ 3100.5 M



LFA GOR (GOR_LFA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

Cell Temp B1TR (B1TR) (DEGC)

Highly Absorbing Fluid

Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Low Gas

Water

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Medium Gas

Oil

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

High Gas

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (---- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (---- 8

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (---- 4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:41

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_286LTP	FN:448	PRODUCER	02−Dec−2004 11:12	3100.5 M	21.4 M

Output DLIS Files

DEFAULT	MDT_OFA_082PTP	FN:81	PRODUCER	06−Dec−2004 12:41

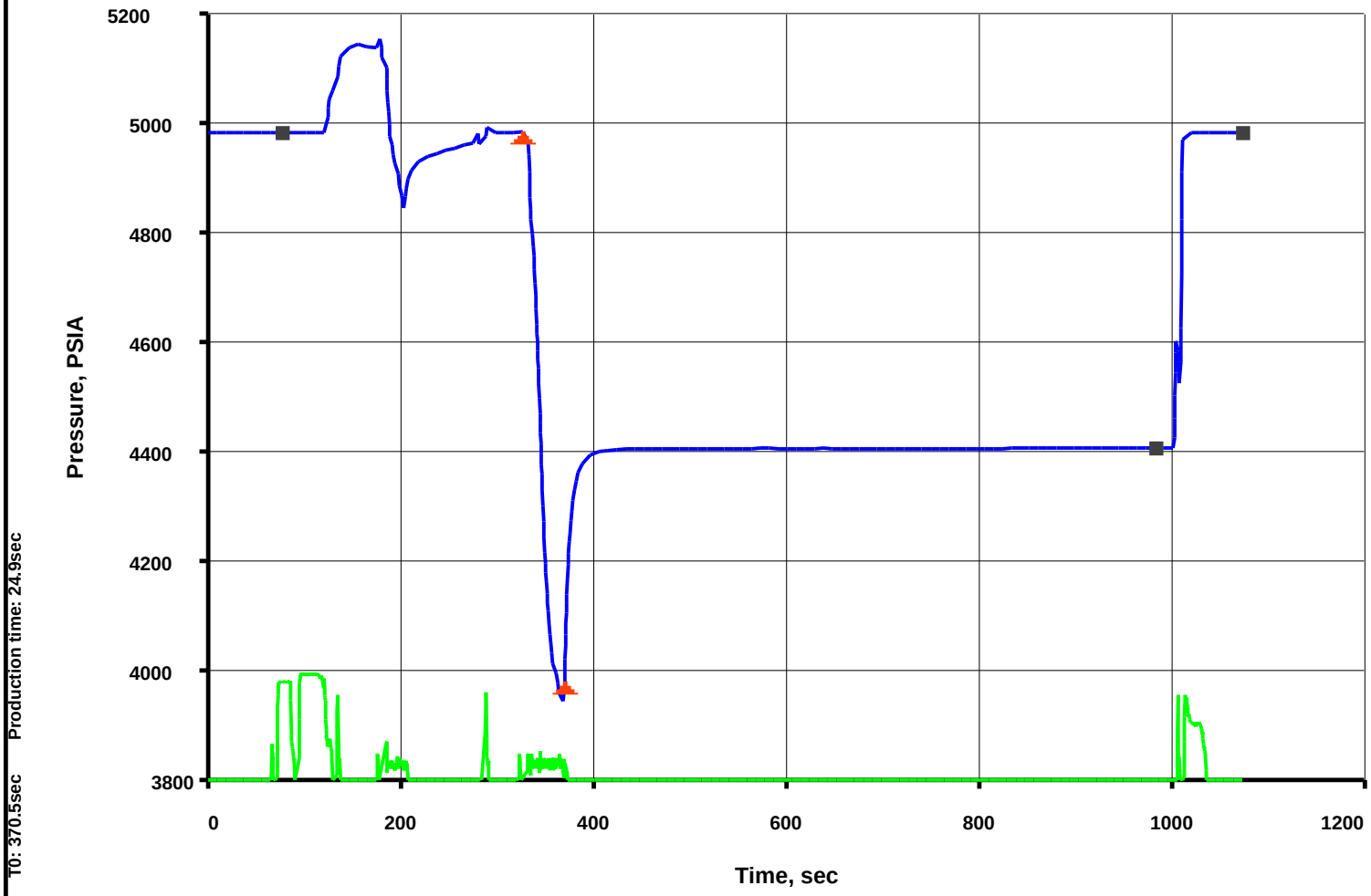
Schlumberger

Pretest @ 3106.8 mMD

MAXIS Field Log

File 285 Depth, M: 3106.82 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4982.86
Mud Pressure after test, PSIA:	4982.55
Last build−up pressure, PSIA:	4406.64
Draw−down mobility, md/cp:	2.1

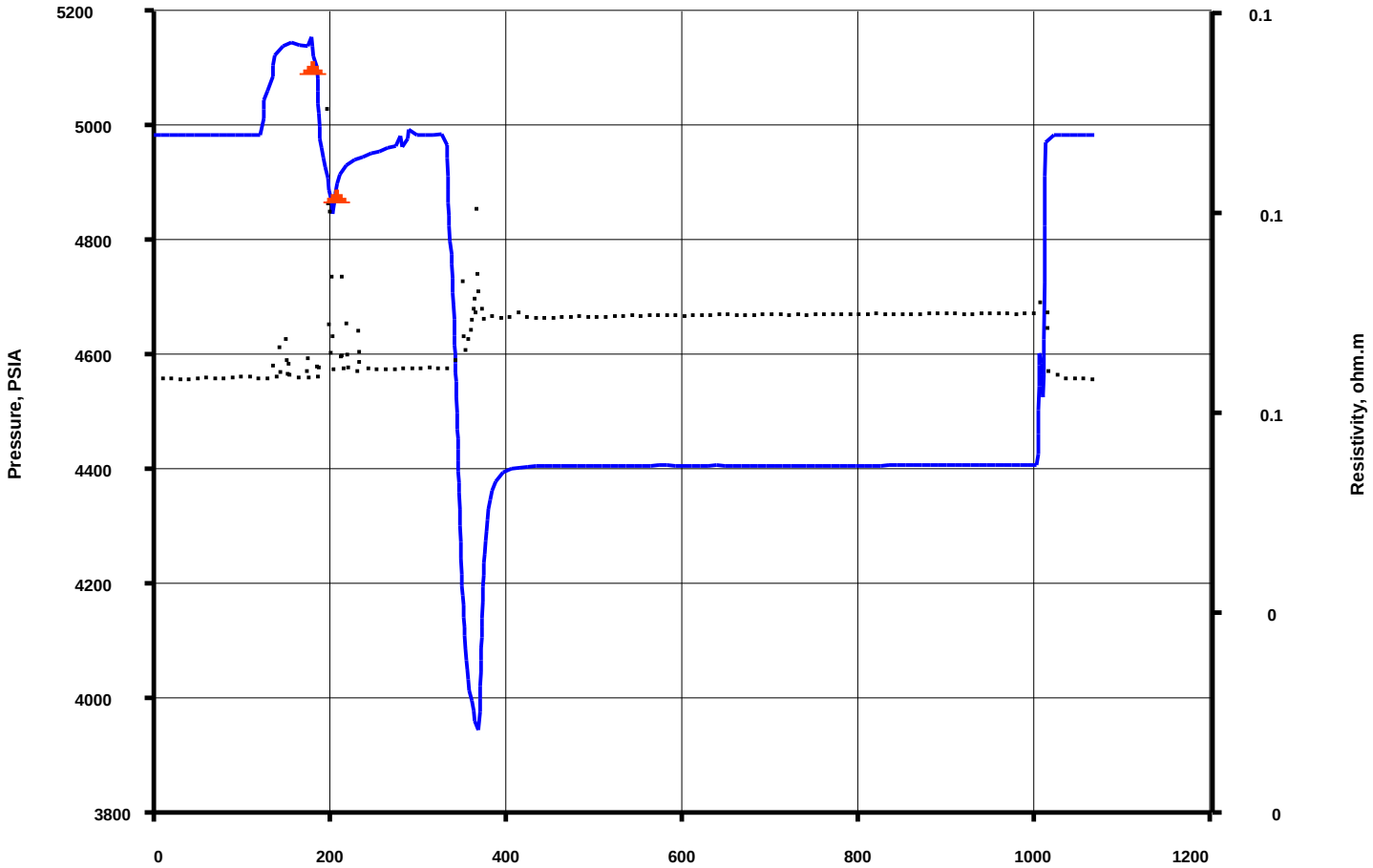


Pretest Volume: 10.0cc − MRPS_1− BQP1 Resolution: 0.010psi

File 285

BQP1 − QG Pressure (PS_1)

BFR1 − PS_1 Resistivity



Start of Test Time: 180.6 sec

Start of Build−up Time: 207.3 sec

Reference pressure st start of build−up (BQP1) 5120.5 PSIA.

Output DLIS Files

DEFAULT	MDT_OFA_285LTP	FN:446	PRODUCER	29−Nov−2004 23:14	3106.8 M	2.8 M
BACKUP	MDT_OFA_285LTP	FN:447	PRODUCER	29−Nov−2004 23:14	3106.8 M	2.8 M

Elapsed Time (s)	Event Summary
1008.6	Retract Single Probe Module (MRPS) 1
327.3	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
279.0	Probe Set @ 3106.8 M Single Probe Module (MRPS) 1
180.6	Vert Pretest 5.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
90.6	Probe Set @ 3106.8 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRUY 1

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

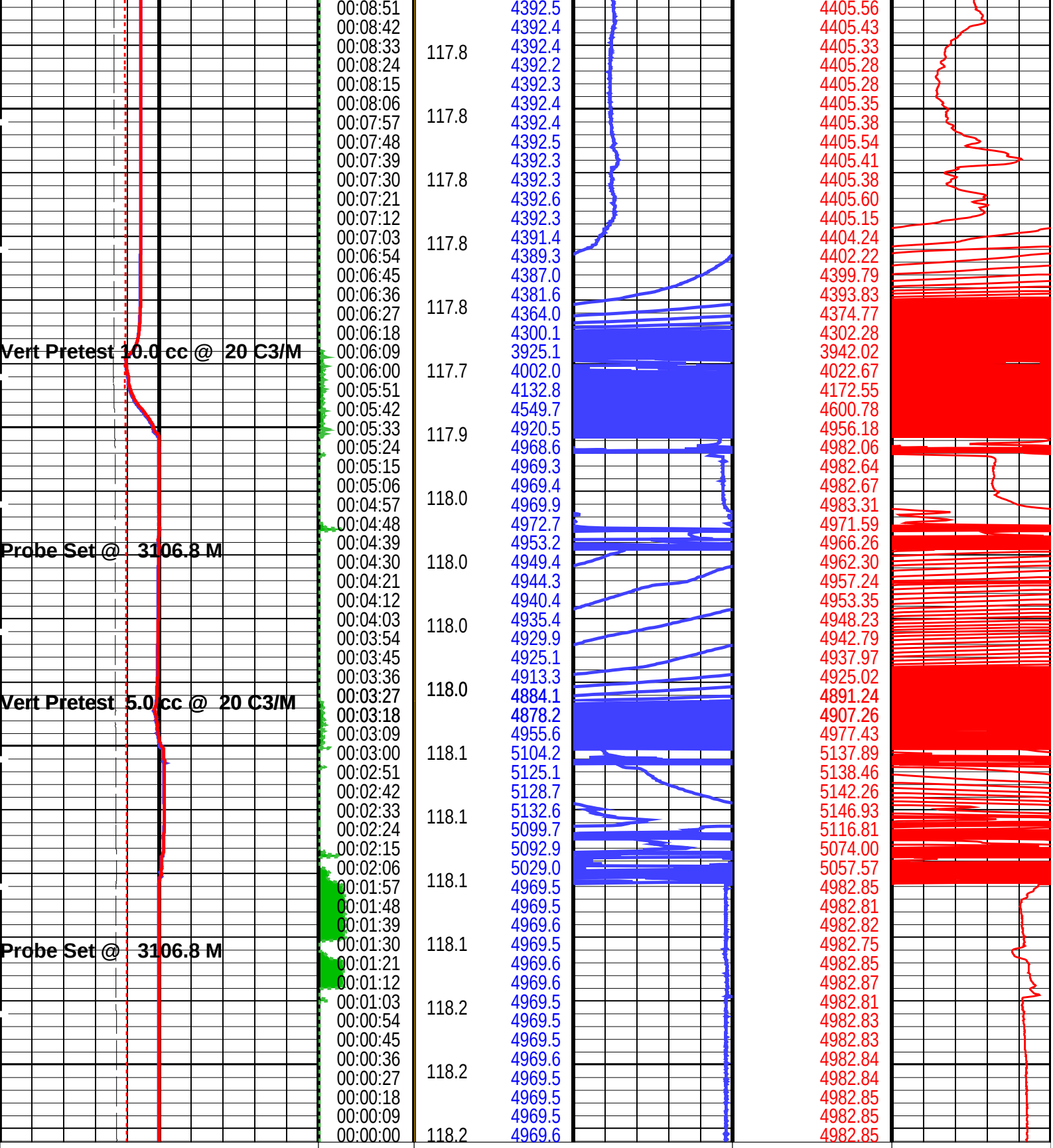
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Retract

Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3) (-----	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:18:09		4969.1	4982.55
00:18:00	117.7	4969.1	4982.55
00:17:51		4969.2	4982.56
00:17:42		4969.2	4982.58
00:17:33	117.7	4969.2	4982.60
00:17:24		4969.2	4982.64
00:17:15		4969.2	4982.66
00:17:06	117.7	4969.1	4982.66
00:16:57		4968.7	4982.46
00:16:48		4513.1	4524.91
00:16:39		4393.5	4406.94
00:16:30	117.7	4393.6	4406.66
00:16:21		4393.6	4406.63
00:16:12		4393.5	4406.62
00:16:03	117.7	4393.6	4406.62
00:15:54		4393.5	4406.59
00:15:45		4393.5	4406.57
00:15:36	117.7	4393.5	4406.57
00:15:27		4393.4	4406.54
00:15:18		4393.4	4406.56
00:15:09		4393.4	4406.52
00:15:00	117.7	4393.5	4406.51
00:14:51		4393.4	4406.49
00:14:42		4393.4	4406.50
00:14:33	117.7	4393.4	4406.48
00:14:24		4393.3	4406.45
00:14:15		4393.4	4406.44
00:14:06	117.7	4393.4	4406.42
00:13:57		4393.4	4406.41
00:13:48		4393.4	4406.39
00:13:39	117.7	4393.3	4406.38
00:13:30		4393.3	4406.37
00:13:21		4393.3	4406.35
00:13:12		4393.2	4406.33
00:13:03	117.7	4393.2	4406.31
00:12:54		4393.2	4406.32
00:12:45		4393.2	4406.29
00:12:36	117.7	4393.2	4406.26
00:12:27		4393.1	4406.26
00:12:18		4393.2	4406.24
00:12:09	117.7	4393.2	4406.22
00:12:00		4393.2	4406.22
00:11:51		4393.1	4406.20
00:11:42	117.7	4393.1	4406.18
00:11:33		4393.1	4406.14
00:11:24		4393.1	4406.13
00:11:15	117.8	4393.1	4406.14
00:11:06		4393.1	4406.12
00:10:57		4393.1	4406.14
00:10:48		4393.2	4406.20
00:10:39		4393.7	4406.84
00:10:30	117.8	4393.0	4406.04
00:10:21		4392.9	4406.01
00:10:12	117.8	4392.9	4405.98
00:10:03		4392.9	4406.02
00:09:54		4393.1	4406.14
00:09:45		4393.6	4406.83
00:09:36	117.8	4393.2	4406.29
00:09:27		4395.5	4408.86
00:09:18		4392.7	4405.72
00:09:09		4392.6	4405.59
00:09:00	117.8	4392.5	4405.53

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:08:51		4392.5	4405.56
00:08:42		4392.4	4405.43
00:08:33	117.8	4392.4	4405.33
00:08:24		4392.2	4405.28
00:08:15		4392.3	4405.28
00:08:06		4392.4	4405.35
00:07:57	117.8	4392.4	4405.38
00:07:48		4392.5	4405.54
00:07:39		4392.3	4405.41
00:07:30	117.8	4392.3	4405.38
00:07:21		4392.6	4405.60
00:07:12		4392.3	4405.15
00:07:03	117.8	4391.4	4404.24
00:06:54		4389.3	4402.22
00:06:45		4387.0	4399.79
00:06:36		4381.6	4393.83
00:06:27	117.8	4364.0	4374.77
00:06:18		4300.1	4302.28
00:06:09		3925.1	3942.02
00:06:00	117.7	4002.0	4022.67
00:05:51		4132.8	4172.55
00:05:42		4549.7	4600.78
00:05:33	117.9	4920.5	4956.18
00:05:24		4968.6	4982.06
00:05:15		4969.3	4982.64
00:05:06		4969.4	4982.67
00:04:57	118.0	4969.9	4983.31
00:04:48		4972.7	4971.59
00:04:39		4953.2	4966.26
00:04:30	118.0	4949.4	4962.30
00:04:21		4944.3	4957.24
00:04:12		4940.4	4953.35
00:04:03	118.0	4935.4	4948.23
00:03:54		4929.9	4942.79
00:03:45		4925.1	4937.97
00:03:36		4913.3	4925.02
00:03:27	118.0	4884.1	4891.24
00:03:18		4878.2	4907.26
00:03:09		4955.6	4977.43
00:03:00	118.1	5104.2	5137.89
00:02:51		5125.1	5138.46
00:02:42		5128.7	5142.26
00:02:33	118.1	5132.6	5146.93
00:02:24		5099.7	5116.81
00:02:15		5092.9	5074.00
00:02:06		5029.0	5057.57
00:01:57	118.1	4969.5	4982.85
00:01:48		4969.5	4982.81
00:01:39		4969.6	4982.82
00:01:30	118.1	4969.5	4982.75
00:01:21		4969.6	4982.85
00:01:12		4969.6	4982.87
00:01:03	118.2	4969.5	4982.81
00:00:54		4969.5	4982.83
00:00:45		4969.5	4982.83
00:00:36		4969.6	4982.84
00:00:27	118.2	4969.5	4982.84
00:00:18		4969.5	4982.85
00:00:09		4969.5	4982.85
00:00:00	118.2	4969.6	4982.85

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1

MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (R1TP)

MRPS 1 Resistivity Cell Temperature

(B1TR)
100 (DEGC) 150

Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 23:14

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_285LTP	FN:446	PRODUCER	29−Nov−2004 23:14
BACKUP	MDT_OFA_285LTP	FN:447	PRODUCER	29−Nov−2004 23:14

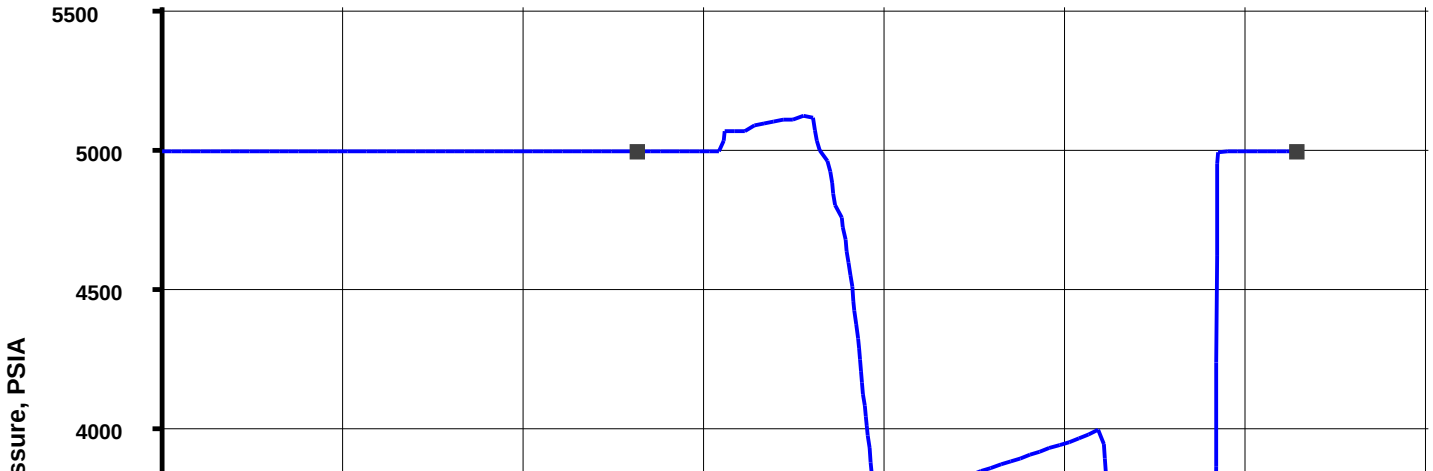
Schlumberger

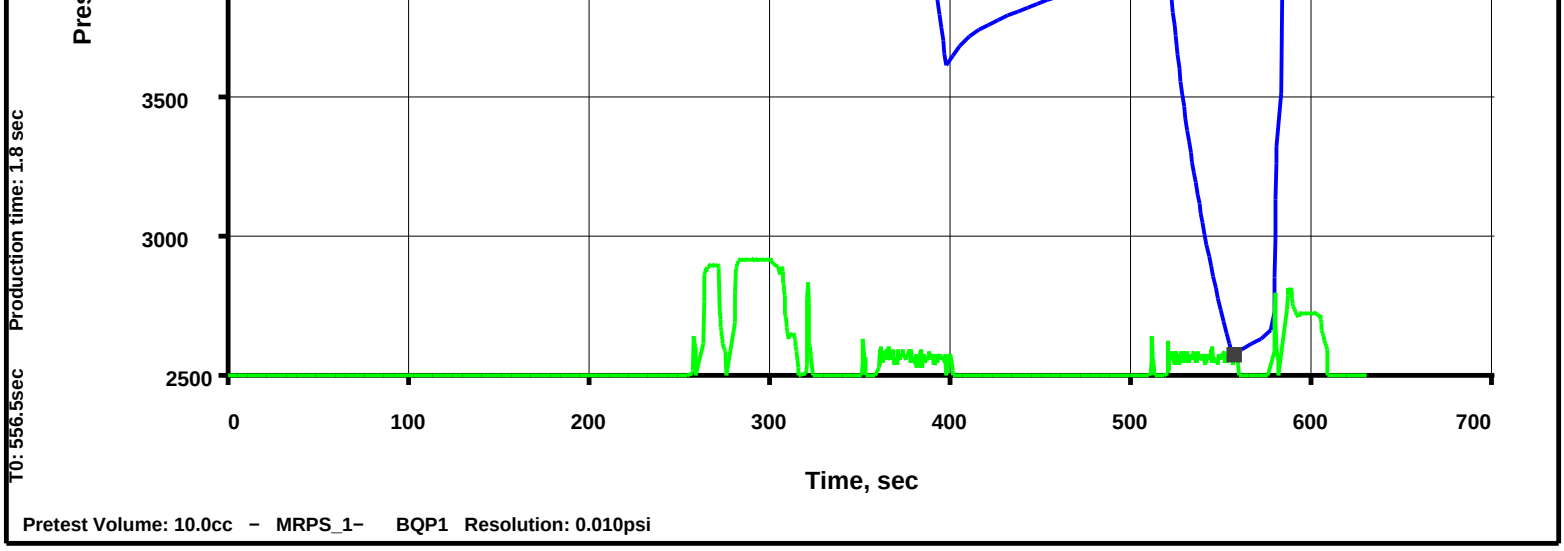
Pretest @ 3107.0 mMD

MAXIS Field Log

File 284 Depth, M: 3106.99 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	4983.21
Mud Pressure after test, PSIA:	4983.15
Last build−up pressure, PSIA:	2575.5





Output DLIS Files

DEFAULT	MDT_OFA_284LTP	FN:444	PRODUCER	29−Nov−2004 23:01	3107.0 M	1.7 M
BACKUP	MDT_OFA_284LTP	FN:445	PRODUCER	29−Nov−2004 23:00	3107.0 M	1.7 M

Elapsed Time (s)	Event Summary
580.8	Retract Single Probe Module (MRPS) 1
514.5	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
355.2	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
276.0	Probe Set @ 3107.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

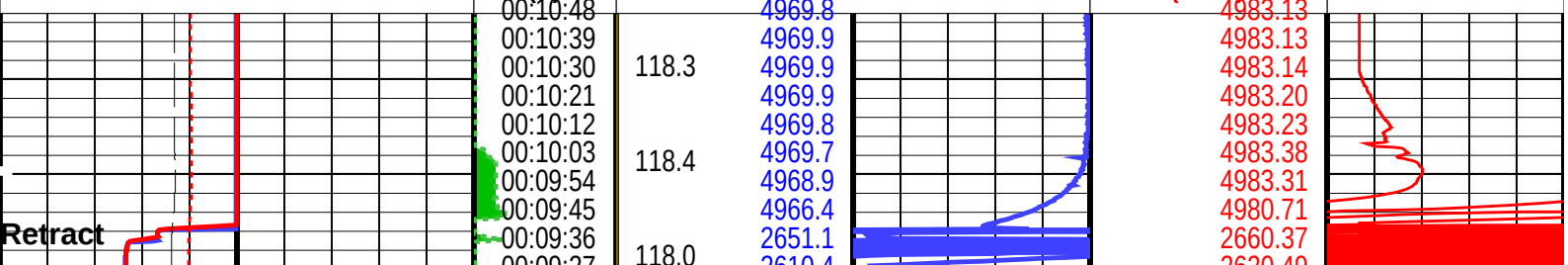
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

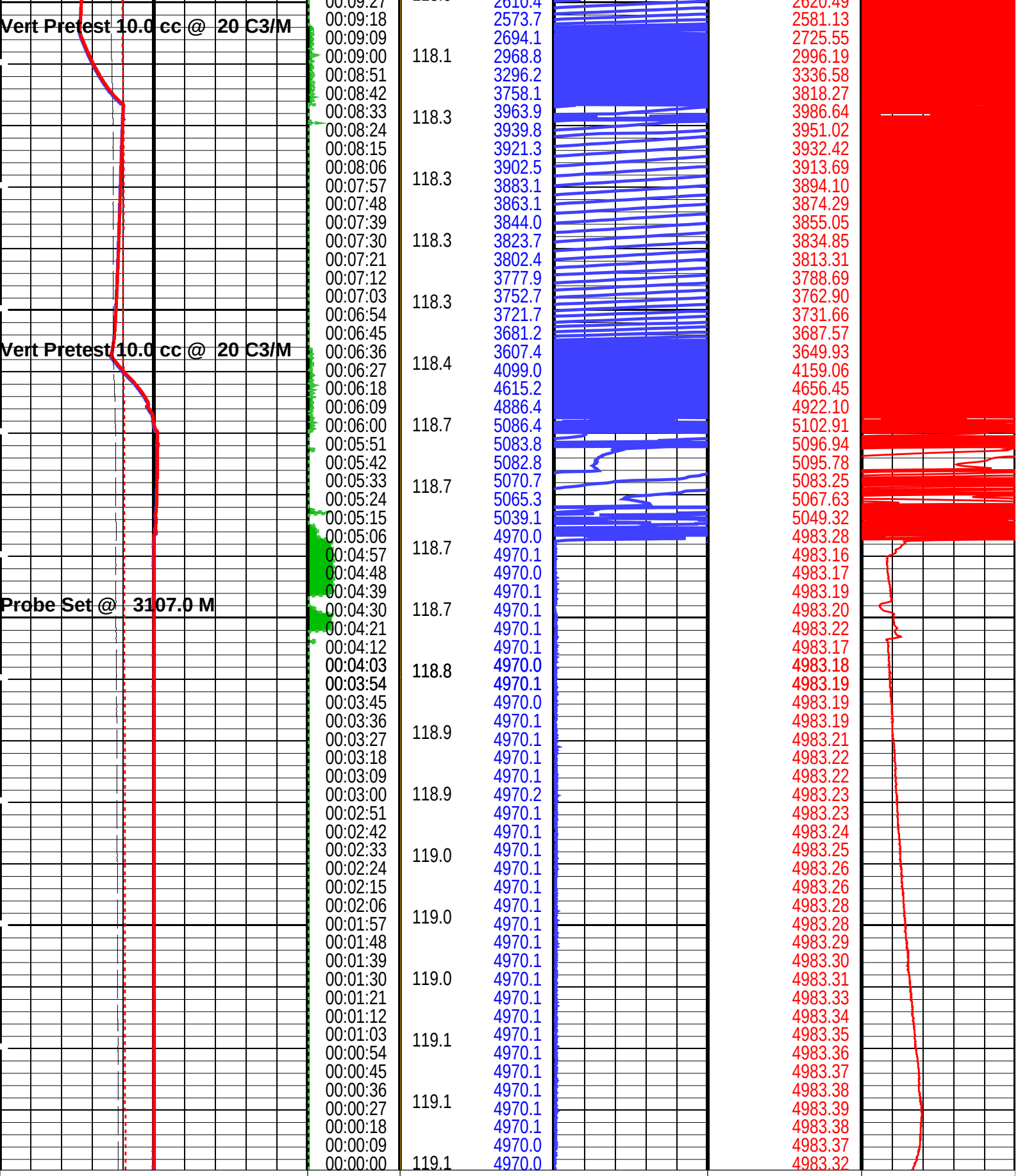
MRPOUD Solenoid 3 Status (POUDS3)
0 (−−−− 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:10:48	4969.8	4983.13
00:10:39	4969.9	4983.13
00:10:30	118.3 4969.9	4983.14
00:10:21	4969.9	4983.20
00:10:12	4969.8	4983.23
00:10:03	118.4 4969.7	4983.38
00:09:54	4968.9	4983.31
00:09:45	4966.4	4980.71
00:09:36	2651.1	2660.37
00:09:27	118.0 2610.4	2620.40



Elapsed Time (ETIM) (S)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPOUD Solenoid 3 Status (POUDS3) (----)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:09:27			2610.4		2620.49	
00:09:18			2573.7		2581.13	
00:09:09			2694.1		2725.55	
00:09:00	118.1		2968.8		2996.19	
00:08:51			3296.2		3336.58	
00:08:42			3758.1		3818.27	
00:08:33	118.3		3963.9		3986.64	
00:08:24			3939.8		3951.02	
00:08:15			3921.3		3932.42	
00:08:06	118.3		3902.5		3913.69	
00:07:57			3883.1		3894.10	
00:07:48			3863.1		3874.29	
00:07:39			3844.0		3855.05	
00:07:30	118.3		3823.7		3834.85	
00:07:21			3802.4		3813.31	
00:07:12			3777.9		3788.69	
00:07:03	118.3		3752.7		3762.90	
00:06:54			3721.7		3731.66	
00:06:45			3681.2		3687.57	
00:06:36	118.4		3607.4		3649.93	
00:06:27			4099.0		4159.06	
00:06:18			4615.2		4656.45	
00:06:09			4886.4		4922.10	
00:06:00	118.7		5086.4		5102.91	
00:05:51			5083.8		5096.94	
00:05:42			5082.8		5095.78	
00:05:33	118.7		5070.7		5083.25	
00:05:24			5065.3		5067.63	
00:05:15			5039.1		5049.32	
00:05:06	118.7		4970.0		4983.28	
00:04:57			4970.1		4983.16	
00:04:48			4970.0		4983.17	
00:04:39			4970.1		4983.19	
00:04:30	118.7		4970.1		4983.20	
00:04:21			4970.1		4983.22	
00:04:12			4970.1		4983.17	
00:04:03	118.8		4970.0		4983.18	
00:03:54			4970.1		4983.19	
00:03:45			4970.0		4983.19	
00:03:36	118.9		4970.1		4983.19	
00:03:27			4970.1		4983.21	
00:03:18			4970.1		4983.22	
00:03:09			4970.1		4983.22	
00:03:00	118.9		4970.2		4983.23	
00:02:51			4970.1		4983.23	
00:02:42			4970.1		4983.24	
00:02:33	119.0		4970.1		4983.25	
00:02:24			4970.1		4983.26	
00:02:15			4970.1		4983.26	
00:02:06	119.0		4970.1		4983.28	
00:01:57			4970.1		4983.28	
00:01:48			4970.1		4983.29	
00:01:39			4970.1		4983.30	
00:01:30	119.0		4970.1		4983.31	
00:01:21			4970.1		4983.33	
00:01:12			4970.1		4983.34	
00:01:03	119.1		4970.1		4983.35	
00:00:54			4970.1		4983.36	
00:00:45			4970.1		4983.37	
00:00:36	119.1		4970.1		4983.38	
00:00:27			4970.1		4983.39	
00:00:18			4970.1		4983.38	
00:00:09			4970.0		4983.37	
00:00:00	119.1		4970.0		4983.32	

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

0 8000 (PSIG)

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 23:01

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_284LTP	FN:444	PRODUCER	29−Nov−2004 23:01
BACKUP	MDT_OFA_284LTP	FN:445	PRODUCER	29−Nov−2004 23:00

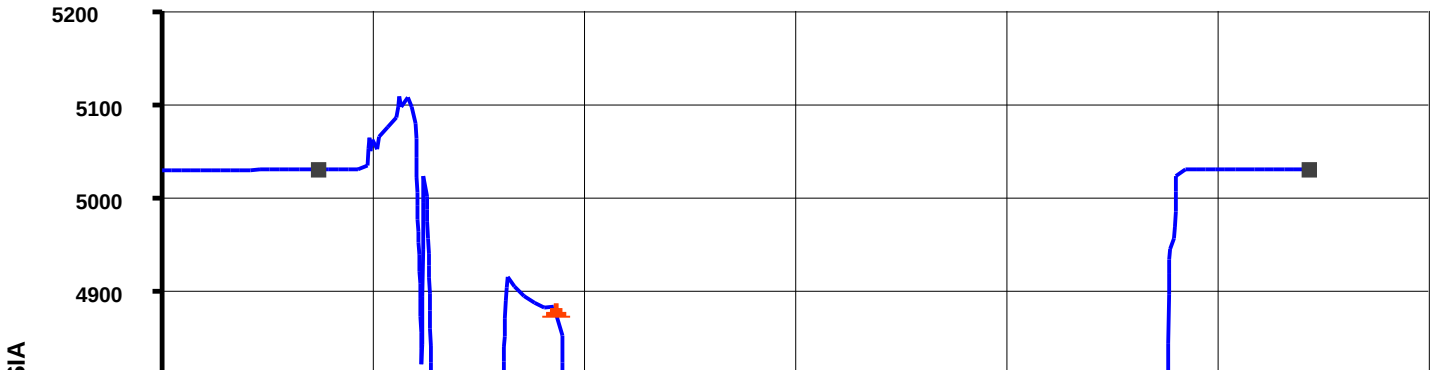
Schlumberger

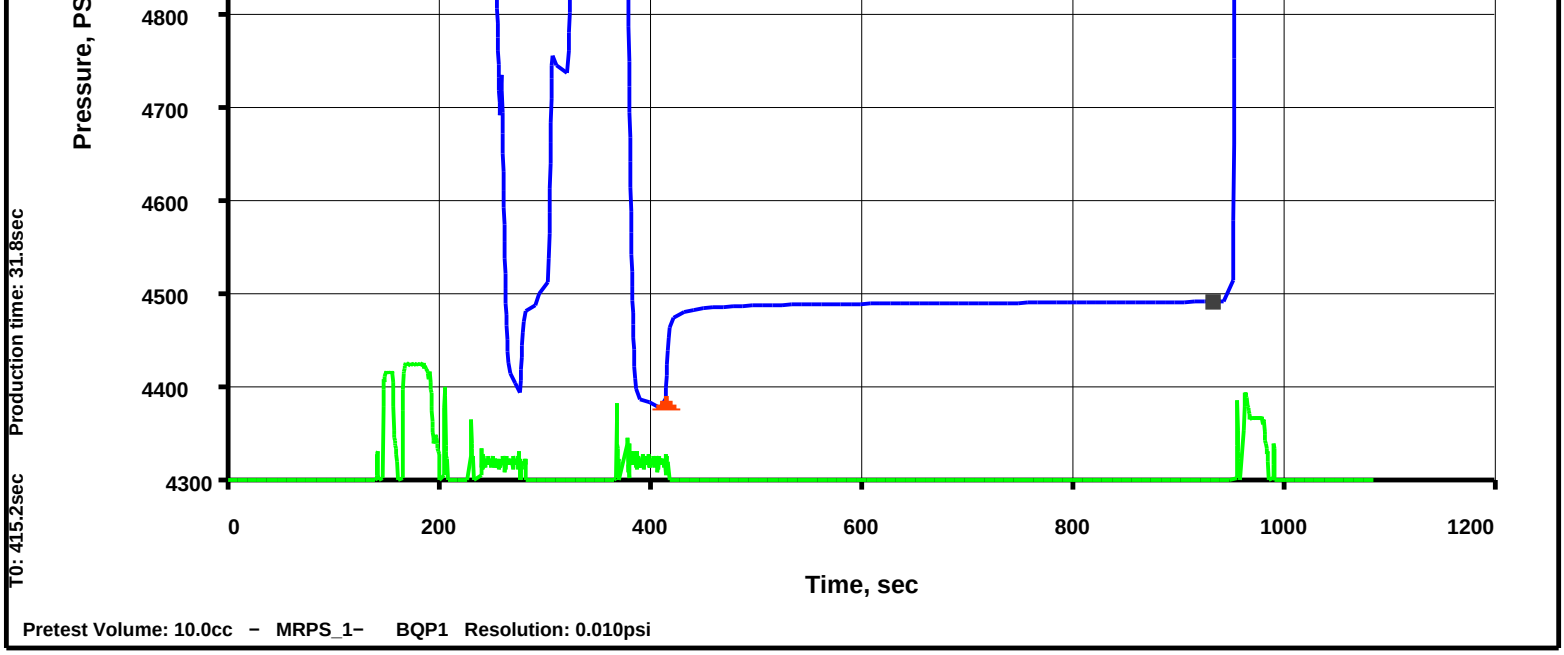
Pretest @ 3138.3 mMD

MAXIS Field Log

File 308 Depth, M: 3138.28 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5029.32
Mud Pressure after test, PSIA:	5029.42
Last build−up pressure, PSIA:	4491.48
Draw−down mobility, md/cp:	5





Output DLIS Files

DEFAULT	MDT_OFA_308LTP	FN:492	PRODUCER	30−Nov−2004 20:54	3138.3 M	2.8 M
BACKUP	MDT_OFA_308LTP	FN:493	PRODUCER	30−Nov−2004 20:54	3138.3 M	2.8 M

Elapsed Time (s)	Event Summary
958.2	Retract Single Probe Module (MRPS) 1
373.8	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
235.5	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
161.7	Probe Set @ 3138.3 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

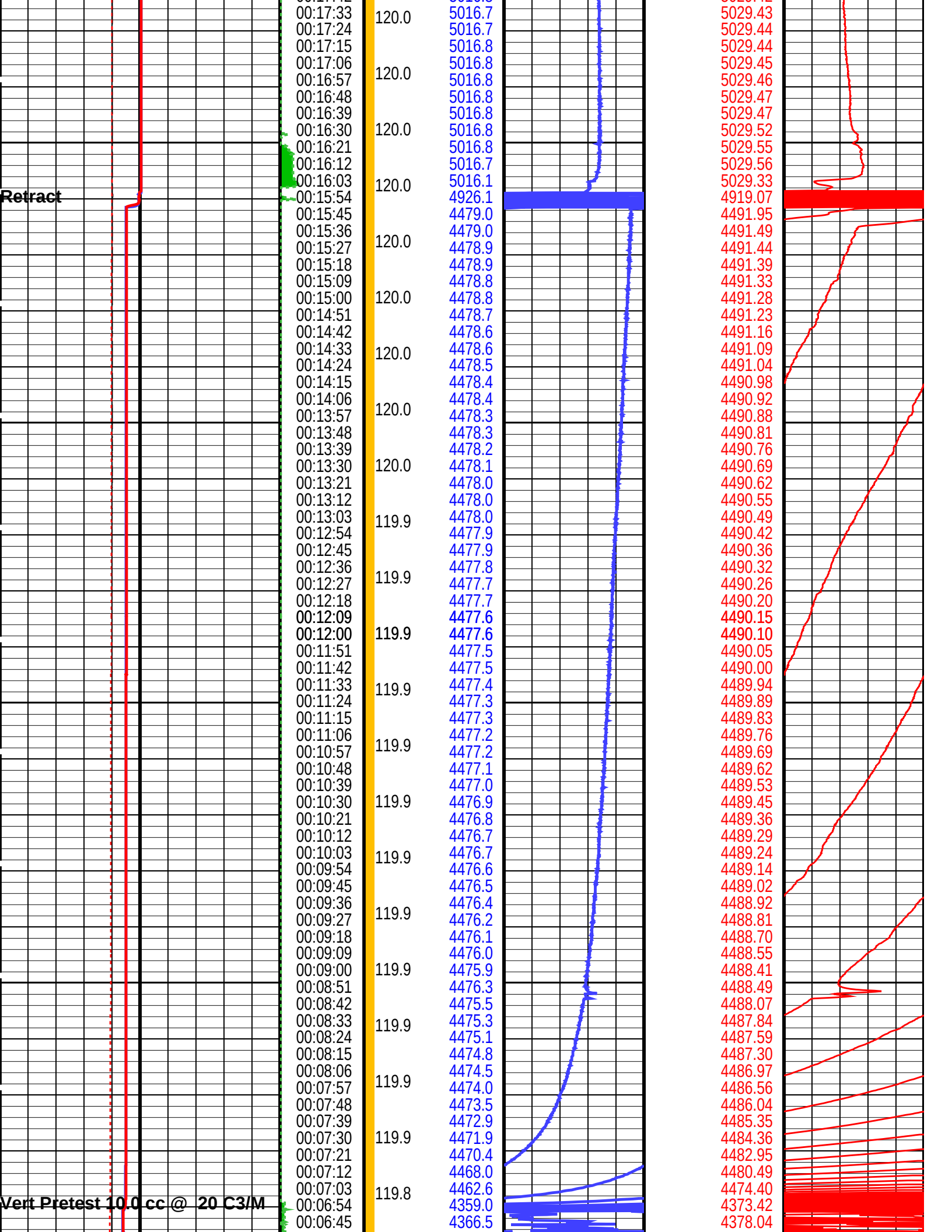
Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

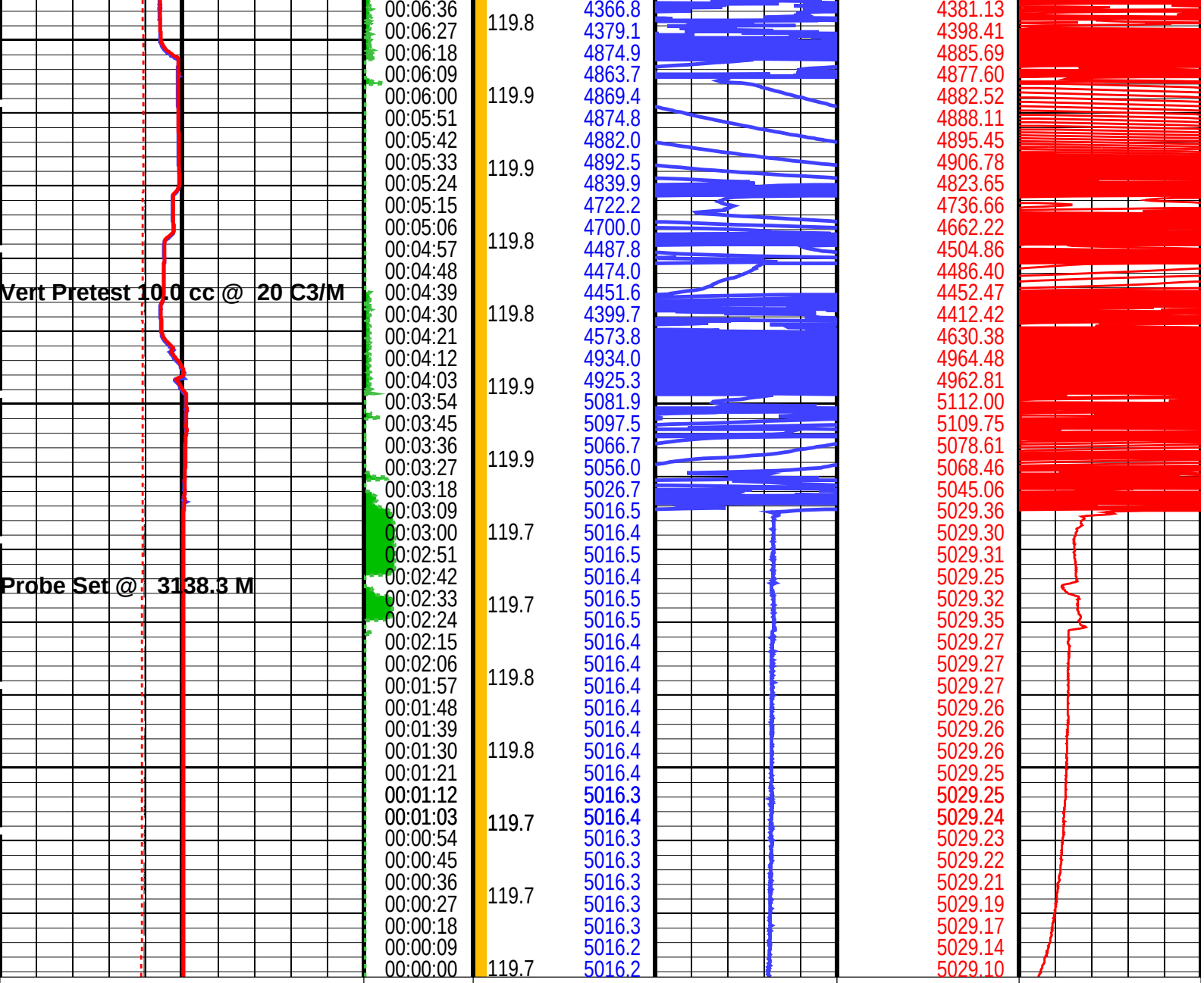
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1

Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:18:27	5016.7	5029.42
00:18:18	5016.7	5029.42
00:18:09	5016.8	5029.42
00:18:00	120.0 5016.7	5029.42
00:17:51	5016.7	5029.42
00:17:42	5016.8	5029.42



00:17:33	120.0	5016.7	5029.43
00:17:24		5016.7	5029.44
00:17:15		5016.8	5029.44
00:17:06		5016.8	5029.45
00:16:57	120.0	5016.8	5029.46
00:16:48		5016.8	5029.47
00:16:39		5016.8	5029.47
00:16:30	120.0	5016.8	5029.52
00:16:21		5016.8	5029.55
00:16:12		5016.7	5029.56
00:16:03	120.0	5016.1	5029.33
00:15:54		4926.1	4919.07
00:15:45		4479.0	4491.95
00:15:36		4479.0	4491.49
00:15:27	120.0	4478.9	4491.44
00:15:18		4478.9	4491.39
00:15:09		4478.8	4491.33
00:15:00	120.0	4478.8	4491.28
00:14:51		4478.7	4491.23
00:14:42		4478.6	4491.16
00:14:33	120.0	4478.6	4491.09
00:14:24		4478.5	4491.04
00:14:15		4478.4	4490.98
00:14:06		4478.4	4490.92
00:13:57	120.0	4478.3	4490.88
00:13:48		4478.3	4490.81
00:13:39		4478.2	4490.76
00:13:30	120.0	4478.1	4490.69
00:13:21		4478.0	4490.62
00:13:12		4478.0	4490.55
00:13:03	119.9	4478.0	4490.49
00:12:54		4477.9	4490.42
00:12:45		4477.9	4490.36
00:12:36		4477.8	4490.32
00:12:27	119.9	4477.7	4490.26
00:12:18		4477.7	4490.20
00:12:09		4477.6	4490.15
00:12:00	119.9	4477.6	4490.10
00:11:51		4477.5	4490.05
00:11:42		4477.5	4490.00
00:11:33	119.9	4477.4	4489.94
00:11:24		4477.3	4489.89
00:11:15		4477.3	4489.83
00:11:06		4477.2	4489.76
00:10:57	119.9	4477.2	4489.69
00:10:48		4477.1	4489.62
00:10:39		4477.0	4489.53
00:10:30	119.9	4476.9	4489.45
00:10:21		4476.8	4489.36
00:10:12		4476.7	4489.29
00:10:03	119.9	4476.7	4489.24
00:09:54		4476.6	4489.14
00:09:45		4476.5	4489.02
00:09:36	119.9	4476.4	4488.92
00:09:27		4476.2	4488.81
00:09:18		4476.1	4488.70
00:09:09		4476.0	4488.55
00:09:00	119.9	4475.9	4488.41
00:08:51		4476.3	4488.49
00:08:42		4475.5	4488.07
00:08:33	119.9	4475.3	4487.84
00:08:24		4475.1	4487.59
00:08:15		4474.8	4487.30
00:08:06	119.9	4474.5	4486.97
00:07:57		4474.0	4486.56
00:07:48		4473.5	4486.04
00:07:39		4472.9	4485.35
00:07:30	119.9	4471.9	4484.36
00:07:21		4470.4	4482.95
00:07:12		4468.0	4480.49
00:07:03	119.8	4462.6	4474.40
00:06:54		4359.0	4373.42
00:06:45		4366.5	4378.04



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	MRPS_1: Single Probe Module (MRPS) 1	

QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
LFA: Live Fluid Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 20:54

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_308LTP	FN:492	PRODUCER	30−Nov−2004 20:54
BACKUP	MDT_OFA_308LTP	FN:493	PRODUCER	30−Nov−2004 20:54

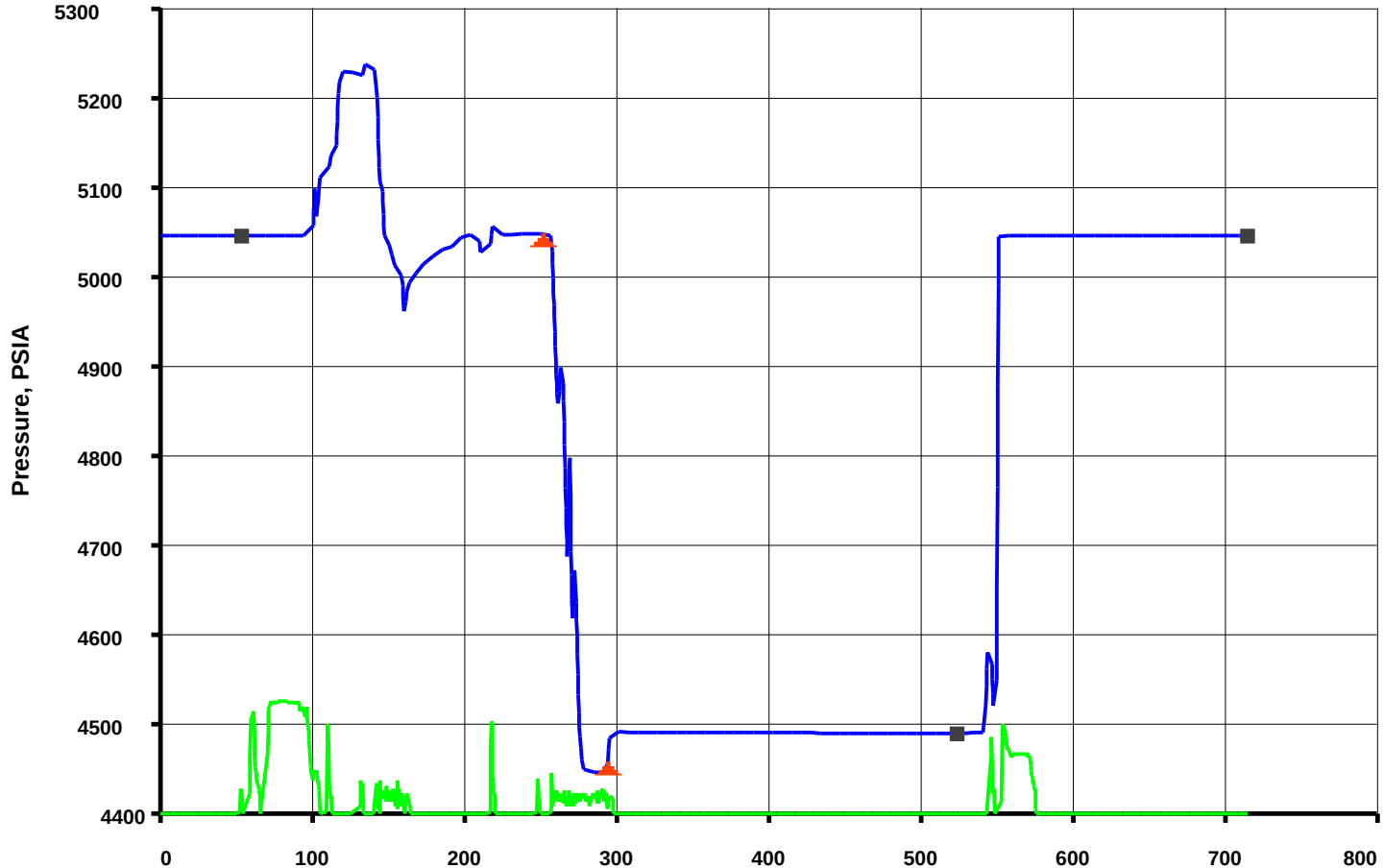
Schlumberger

Pretest @ 3147.0 mMD

MAXIS Field Log

File 282 Depth, M: 3146.99 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5045.88
Mud Pressure after test, PSIA:	5045.64
Last build−up pressure, PSIA:	4490.49
Draw−down mobility, md/cp:	30.3



Production time: 18.9sec

4.6sec

T0: 29

Time, sec

Pretest Volume: 10.0cc – MRPS_1– BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_282LTP	FN:440	PRODUCER	29–Nov–2004 22:38	3147.0 M	1.9 M
BACKUP	MDT_OFA_282LTP	FN:441	PRODUCER	29–Nov–2004 22:38	3147.0 M	1.9 M

Elapsed Time (s)	Event Summary
548.7	Retract Single Probe Module (MRPS) 1
252.3	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
208.2	Probe Set @ 3147.0 M Single Probe Module (MRPS) 1
137.4	Vert Pretest 4.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
66.6	Probe Set @ 3147.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

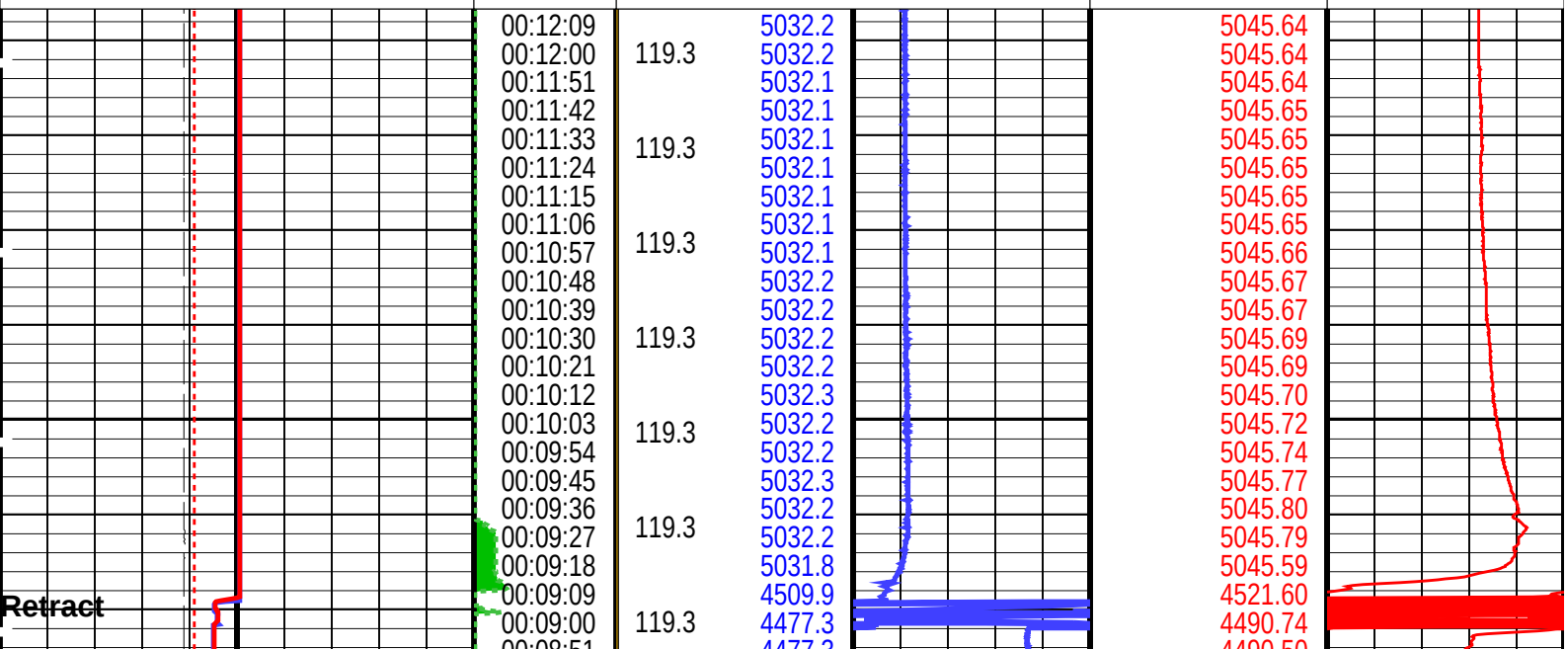
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

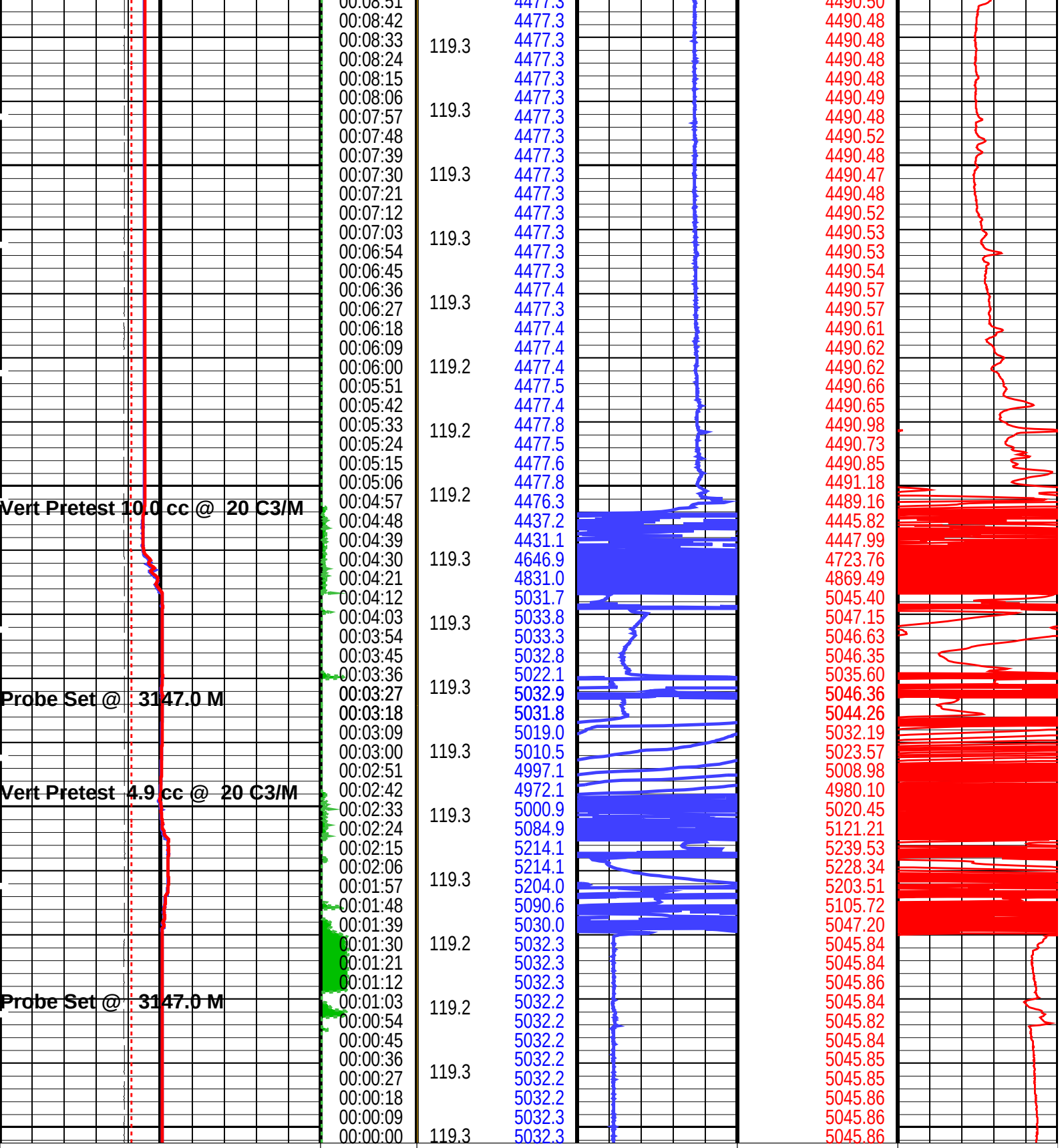
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:12:09		5032.2	5045.64
00:12:00	119.3	5032.2	5045.64
00:11:51		5032.1	5045.64
00:11:42		5032.1	5045.65
00:11:33	119.3	5032.1	5045.65
00:11:24		5032.1	5045.65
00:11:15		5032.1	5045.65
00:11:06		5032.1	5045.65
00:10:57	119.3	5032.1	5045.66
00:10:48		5032.2	5045.67
00:10:39		5032.2	5045.67
00:10:30	119.3	5032.2	5045.69
00:10:21		5032.2	5045.69
00:10:12		5032.3	5045.70
00:10:03	119.3	5032.2	5045.72
00:09:54		5032.2	5045.74
00:09:45		5032.3	5045.77
00:09:36		5032.2	5045.80
00:09:27	119.3	5032.2	5045.79
00:09:18		5031.8	5045.59
00:09:09		4509.9	4521.60
00:09:00	119.3	4477.3	4490.74
00:08:51		4477.2	4490.50



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:08:51		4477.3	4490.50	
00:08:42		4477.3	4490.48	
00:08:33	119.3	4477.3	4490.48	
00:08:24		4477.3	4490.48	
00:08:15		4477.3	4490.48	
00:08:06		4477.3	4490.49	
00:07:57	119.3	4477.3	4490.48	
00:07:48		4477.3	4490.52	
00:07:39		4477.3	4490.48	
00:07:30	119.3	4477.3	4490.47	
00:07:21		4477.3	4490.48	
00:07:12		4477.3	4490.52	
00:07:03	119.3	4477.3	4490.53	
00:06:54		4477.3	4490.53	
00:06:45		4477.3	4490.54	
00:06:36		4477.4	4490.57	
00:06:27	119.3	4477.3	4490.57	
00:06:18		4477.4	4490.61	
00:06:09		4477.4	4490.62	
00:06:00	119.2	4477.4	4490.62	
00:05:51		4477.5	4490.66	
00:05:42		4477.4	4490.65	
00:05:33	119.2	4477.8	4490.98	
00:05:24		4477.5	4490.73	
00:05:15		4477.6	4490.85	
00:05:06		4477.8	4491.18	
00:04:57	119.2	4476.3	4489.16	
00:04:48		4437.2	4445.82	
00:04:39		4431.1	4447.99	
00:04:30	119.3	4646.9	4723.76	
00:04:21		4831.0	4869.49	
00:04:12		5031.7	5045.40	
00:04:03	119.3	5033.8	5047.15	
00:03:54		5033.3	5046.63	
00:03:45		5032.8	5046.35	
00:03:36		5022.1	5035.60	
00:03:27	119.3	5032.9	5046.36	
00:03:18		5031.8	5044.26	
00:03:09		5019.0	5032.19	
00:03:00	119.3	5010.5	5023.57	
00:02:51		4997.1	5008.98	
00:02:42		4972.1	4980.10	
00:02:33	119.3	5000.9	5020.45	
00:02:24		5084.9	5121.21	
00:02:15		5214.1	5239.53	
00:02:06		5214.1	5228.34	
00:01:57	119.3	5204.0	5203.51	
00:01:48		5090.6	5105.72	
00:01:39		5030.0	5047.20	
00:01:30	119.2	5032.3	5045.84	
00:01:21		5032.3	5045.84	
00:01:12		5032.3	5045.86	
00:01:03	119.2	5032.2	5045.84	
00:00:54		5032.2	5045.82	
00:00:45		5032.2	5045.84	
00:00:36		5032.2	5045.85	
00:00:27	119.3	5032.2	5045.85	
00:00:18		5032.2	5045.86	
00:00:09		5032.3	5045.86	
00:00:00	119.3	5032.3	5045.86	

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)

MRPS 1 Resistivity Cell Temperature

100 (DEGC) 150

MRPS 1 Quartz Gauge Temperature (BQT1)

100 (DEGC) 150

Cell Temperature (B1TR) (DEGC)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 22:38

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_282LTP	FN:440	PRODUCER	29−Nov−2004 22:38
BACKUP	MDT_OFA_282LTP	FN:441	PRODUCER	29−Nov−2004 22:38

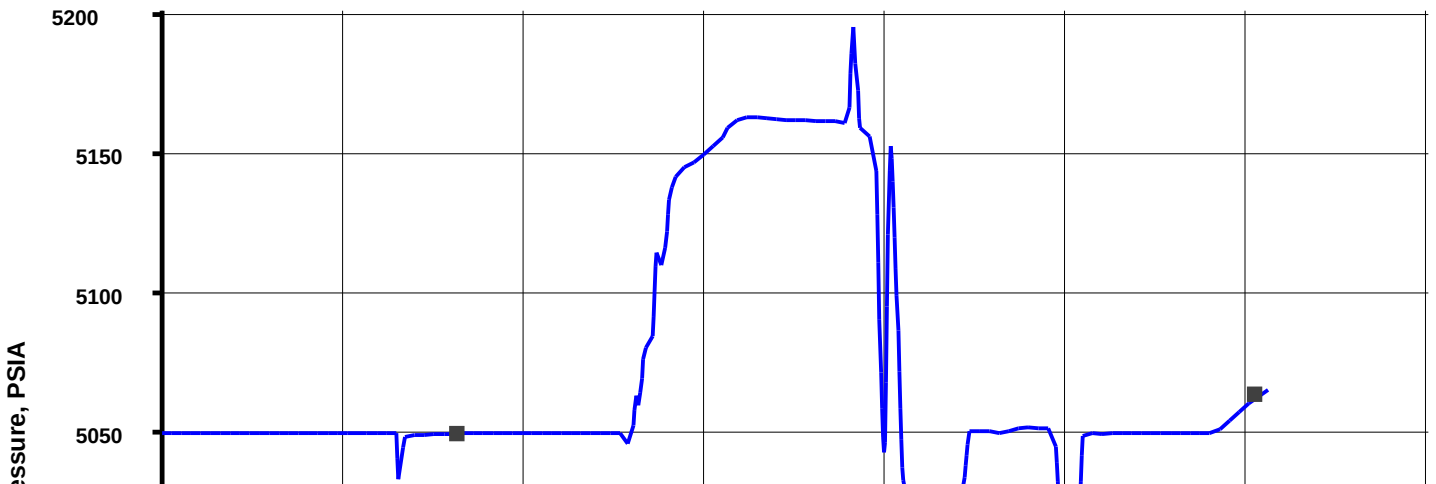
Schlumberger

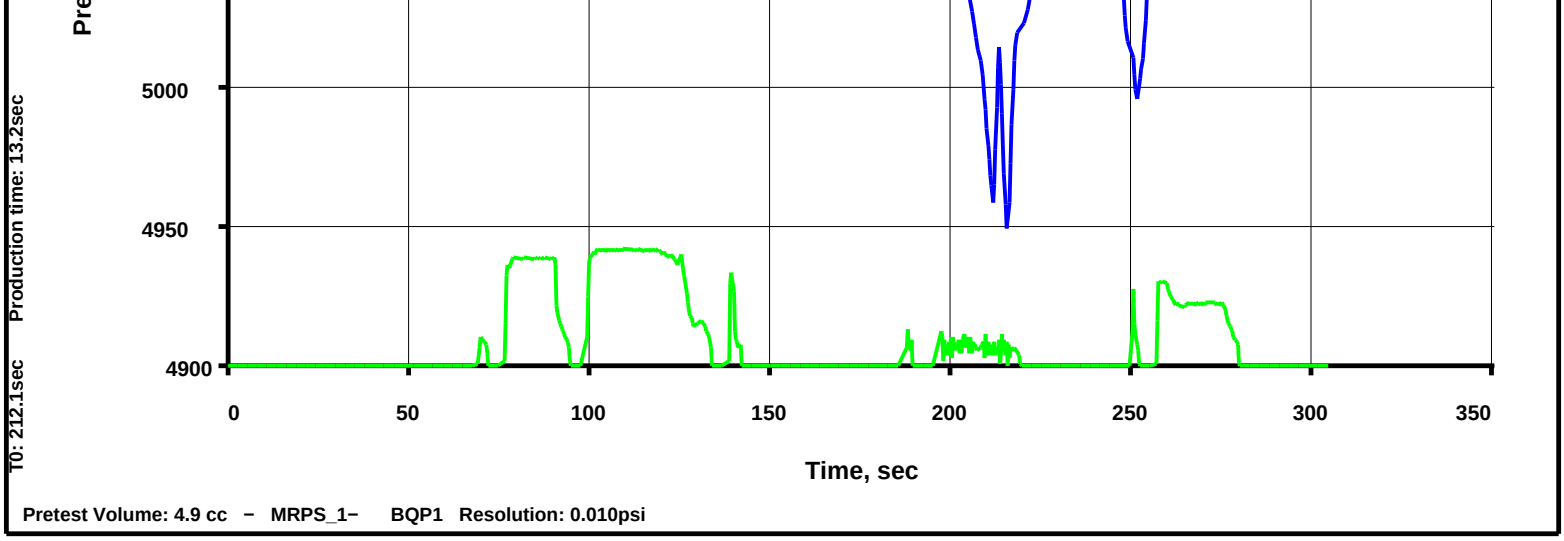
Pretest @ 3149.0 mMD

MAXIS Field Log

File 281 Depth, M: 3149.02 Lost Seal − Large−Diameter probe

Mud Pressure before test, PSIA: 5048.82
Mud Pressure after test, PSIA: 5062.89





Output DLIS Files

DEFAULT	MDT_OFA_281LTP	FN:438	PRODUCER	29−Nov−2004 22:31	3149.0 M	0.8 M
BACKUP	MDT_OFA_281LTP	FN:439	PRODUCER	29−Nov−2004 22:31	3149.0 M	0.8 M

Elapsed Time (s)	Event Summary
252.0	Retract Single Probe Module (MRPS) 1
192.6	Vert Pretest 4.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
94.8	Probe Set @ 3149.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

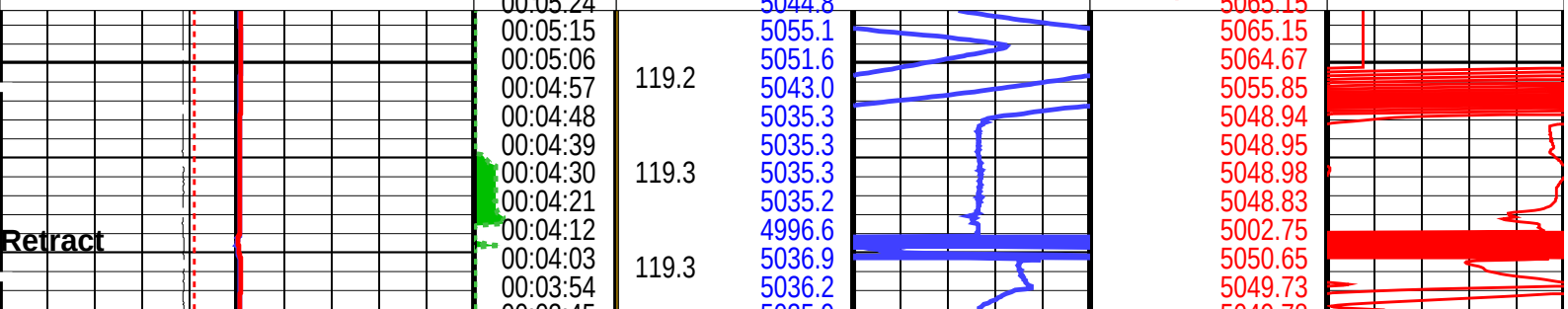
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

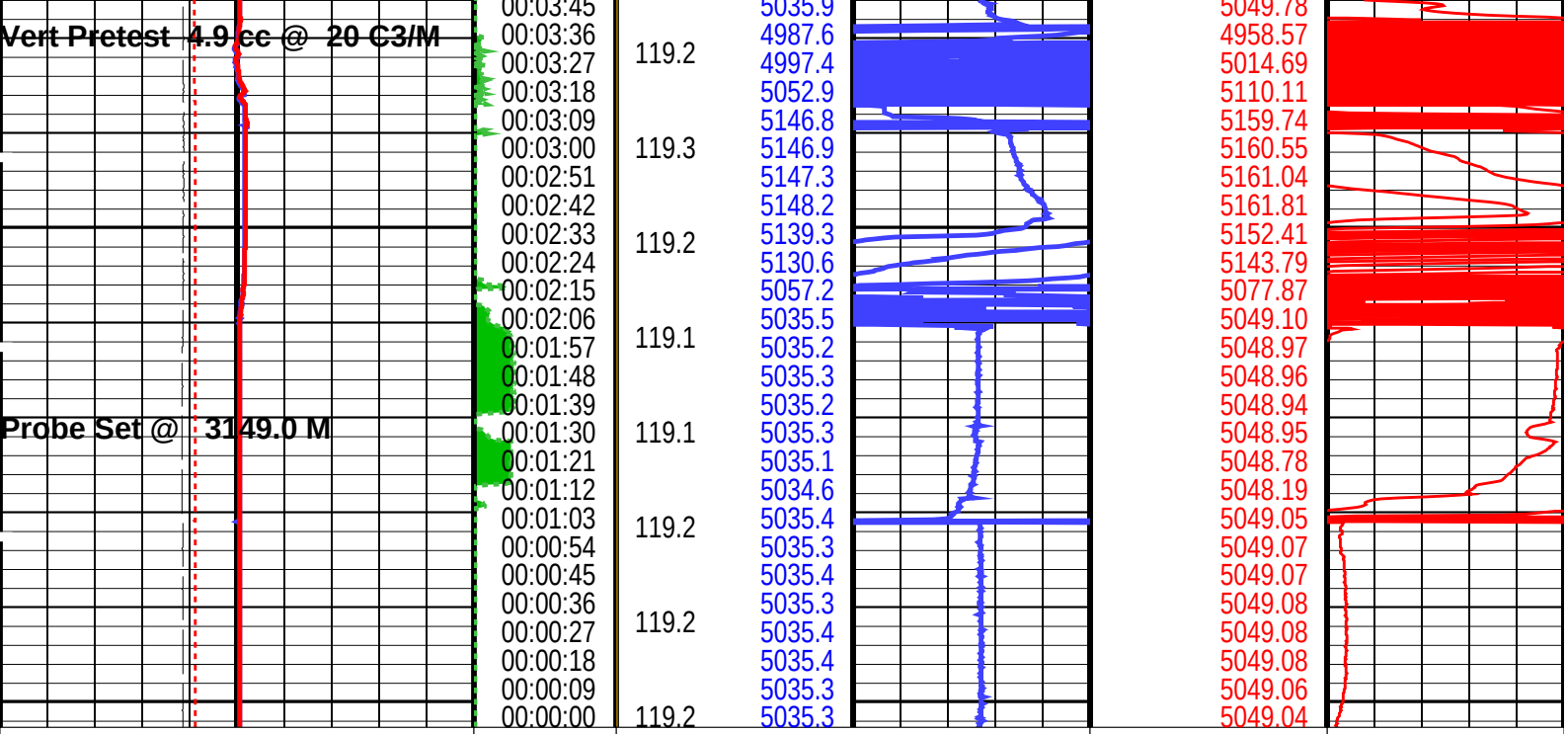
MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:05:24		5044.8	5065.15
00:05:15		5055.1	5065.15
00:05:06		5051.6	5064.67
00:04:57	119.2	5043.0	5055.85
00:04:48		5035.3	5048.94
00:04:39		5035.3	5048.95
00:04:30	119.3	5035.3	5048.98
00:04:21		5035.2	5048.83
00:04:12		4996.6	5002.75
00:04:03	119.3	5036.9	5050.65
00:03:54		5036.2	5049.73



Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 22:31

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_281LTP	FN:438	PRODUCER	29−Nov−2004 22:31
BACKUP	MDT_OFA_281LTP	FN:439	PRODUCER	29−Nov−2004 22:31

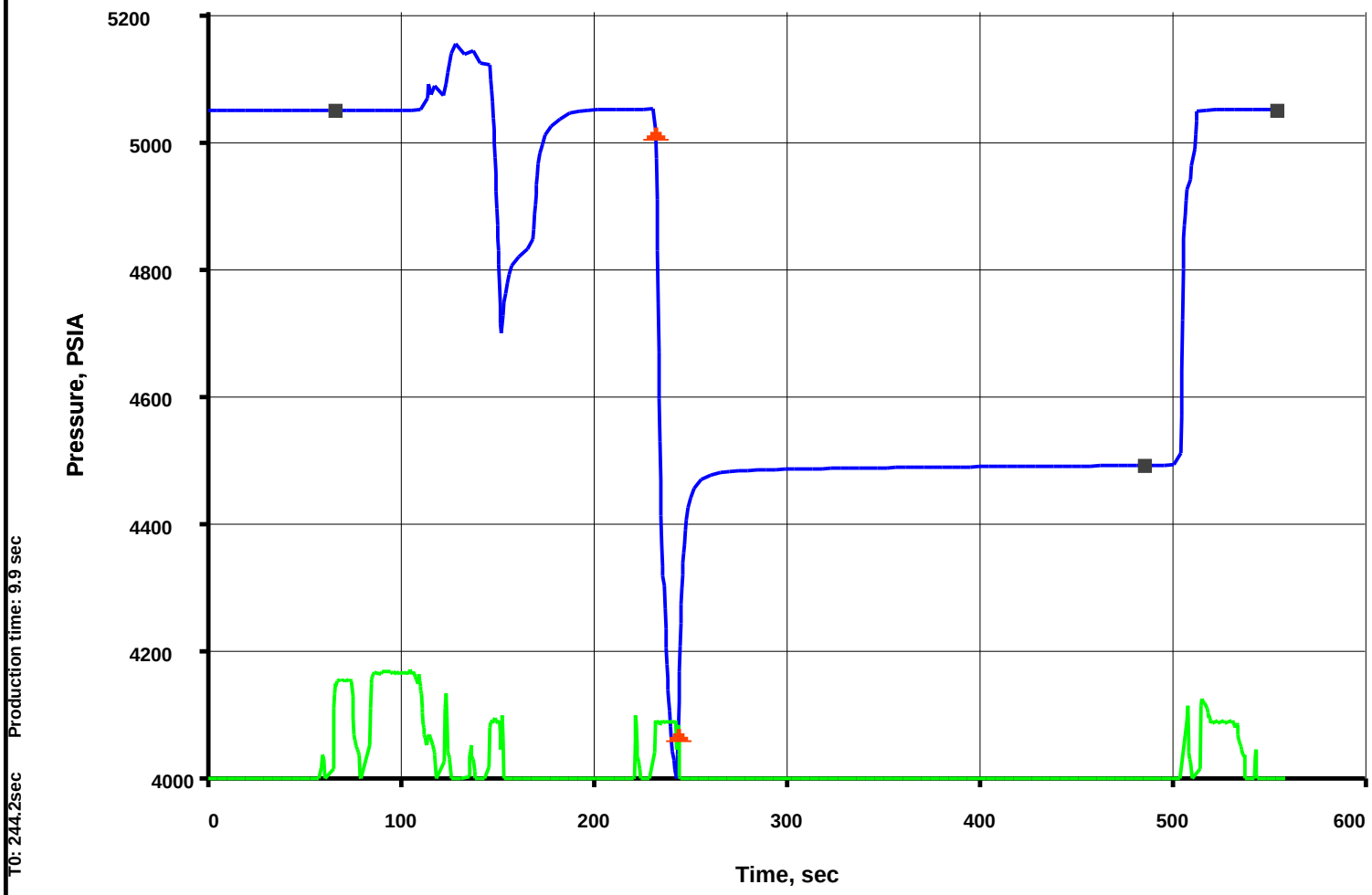
Schlumberger

Pretest @ 3149.3 mMD

MAXIS Field Log

File 307 Depth, M: 3149.30 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5046.29
Mud Pressure after test, PSIA:	5046.4
Last build−up pressure, PSIA:	4490.13
Draw−down mobility, md/cp:	4.7



Pretest Volume: 10.1cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

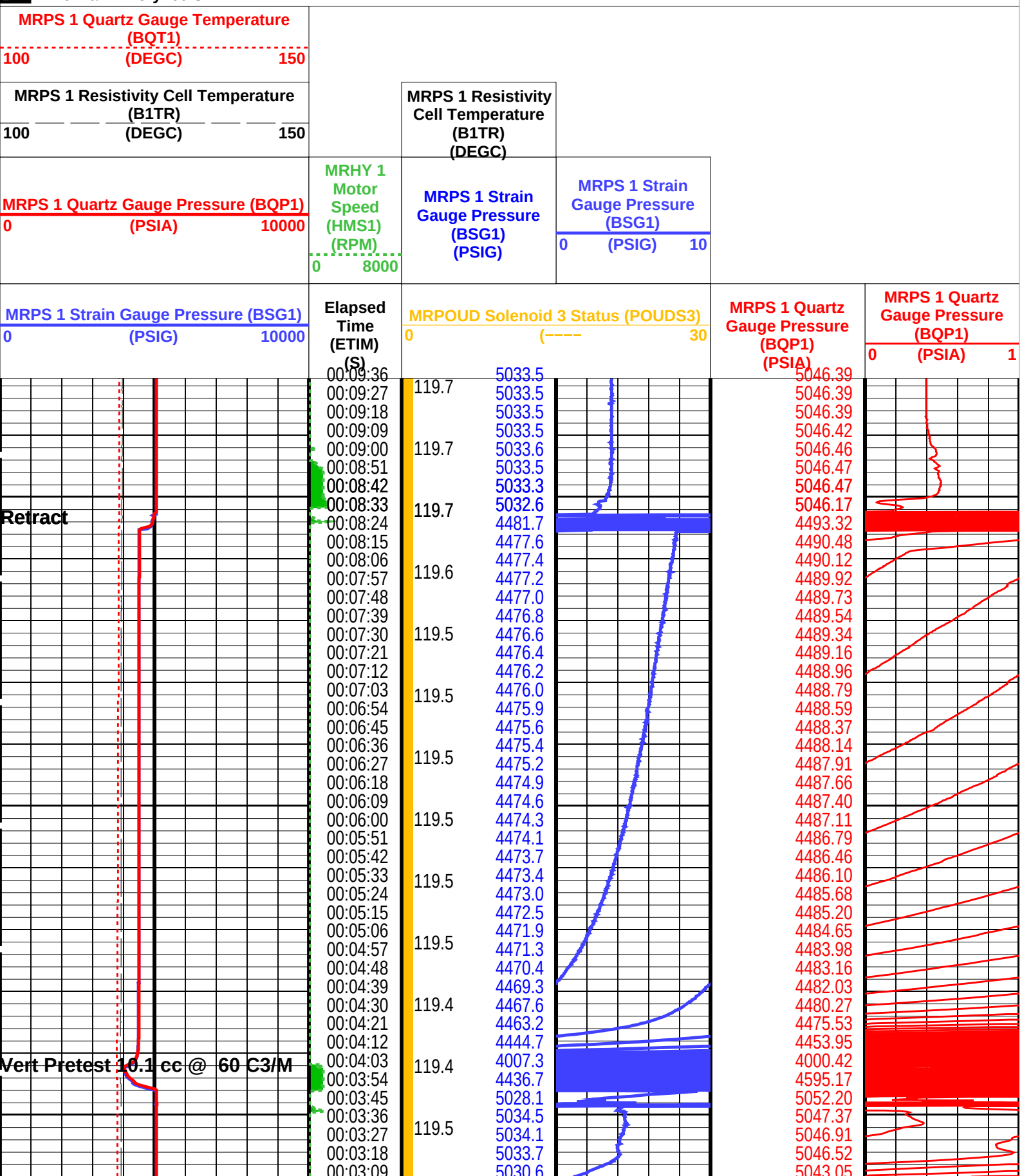
DEFAULT	MDT_OFA_307LTP	FN:490	PRODUCER	30−Nov−2004 20:42	3149.3 M	1.5 M
BACKUP	MDT_OFA_307LTP	FN:491	PRODUCER	30−Nov−2004 20:42	3149.3 M	1.5 M

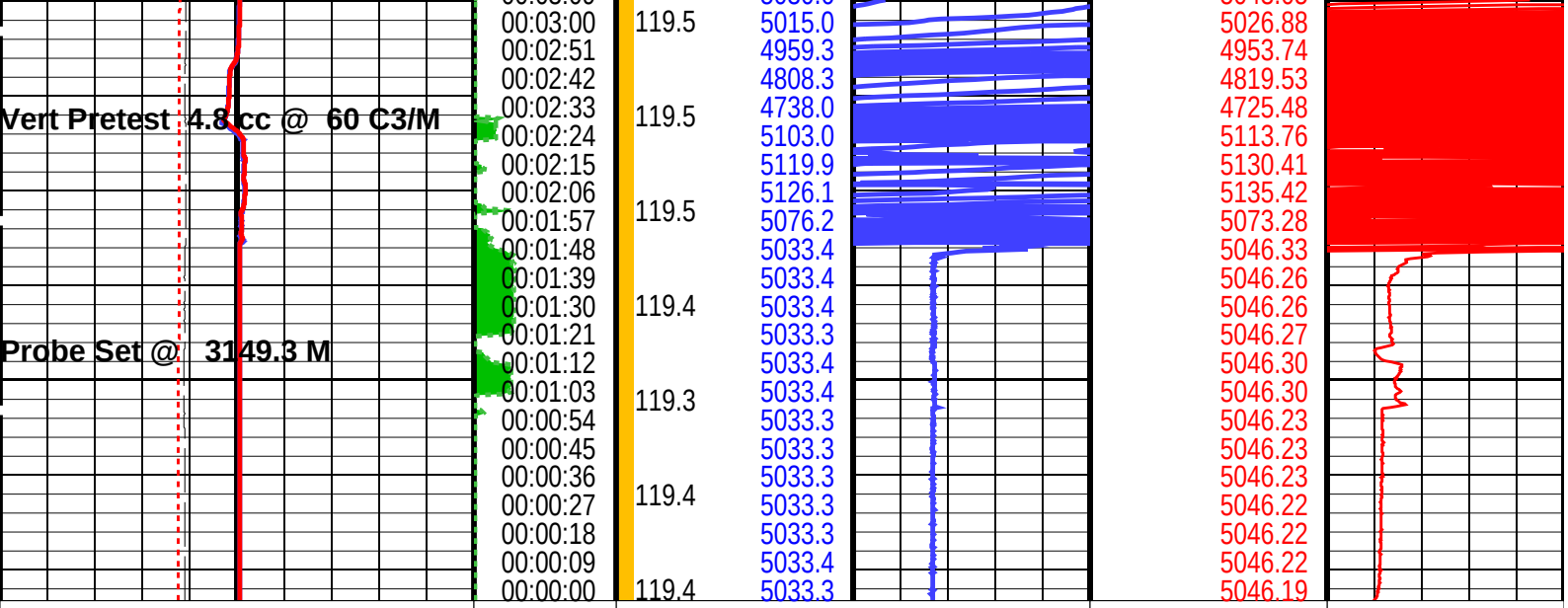
Elapsed Time (s)	Event Summary
510.3	Retract Single Probe Module (MRPS) 1

226.8	Vert Pretest 10.1 cc @ 60 C3/M Single Probe Module (MRPS) 1
141.3	Vert Pretest 4.8 cc @ 60 C3/M Single Probe Module (MRPS) 1
79.5	Probe Set @ 3149.3 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 20:42

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_307LTP	FN:490	PRODUCER	30−Nov−2004 20:42
BACKUP	MDT_OFA_307LTP	FN:491	PRODUCER	30−Nov−2004 20:42

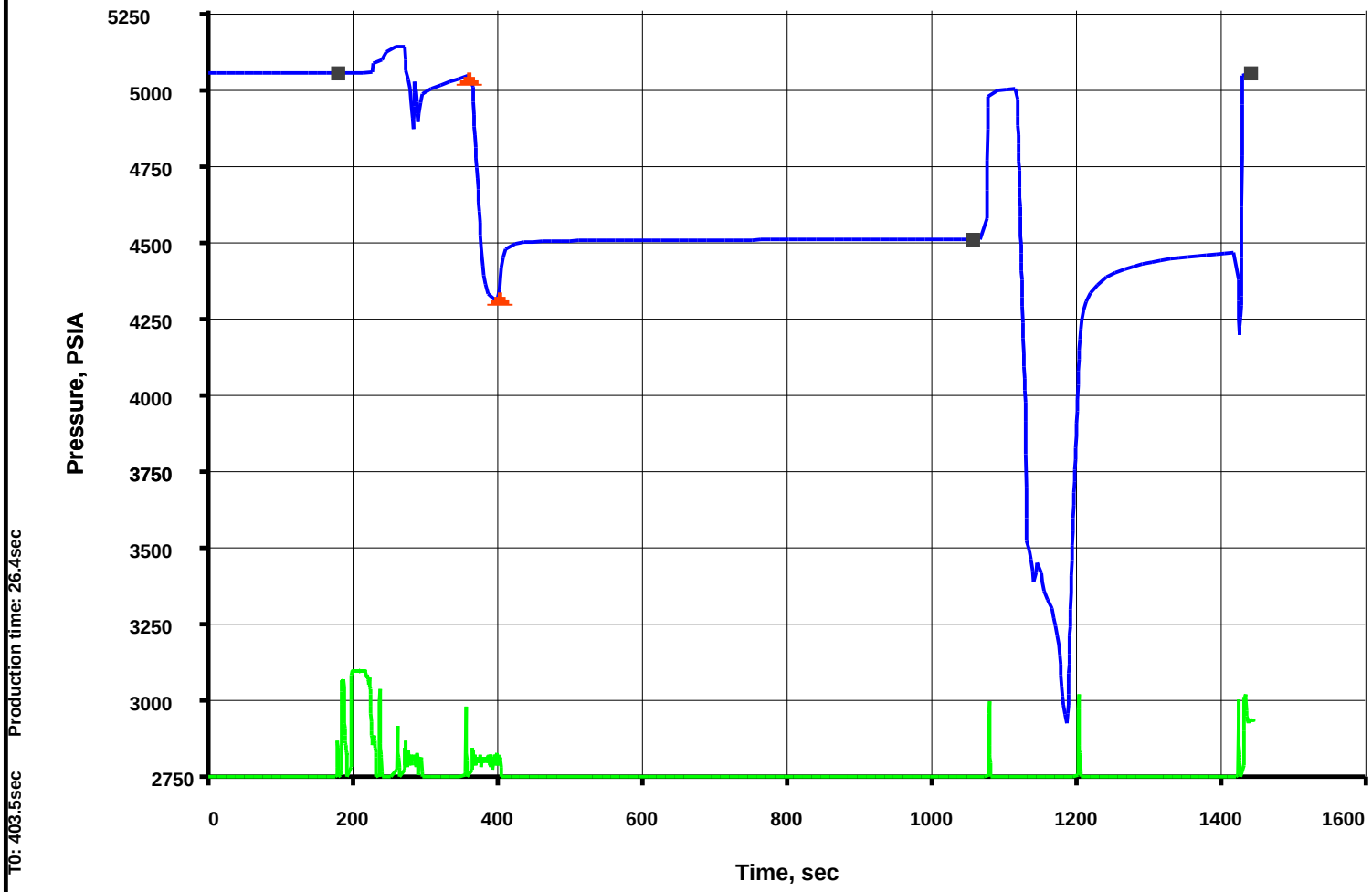
Schlumberger

Pretest @ 3149.5 mMD

MAXIS Field Log

File 306 Depth, M: 3149.48 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5046.3
Mud Pressure after test, PSIA:	5046.46
Last build−up pressure, PSIA:	4503.73
Draw−down mobility, md/cp:	3.3



Pretest Volume: 10.0cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

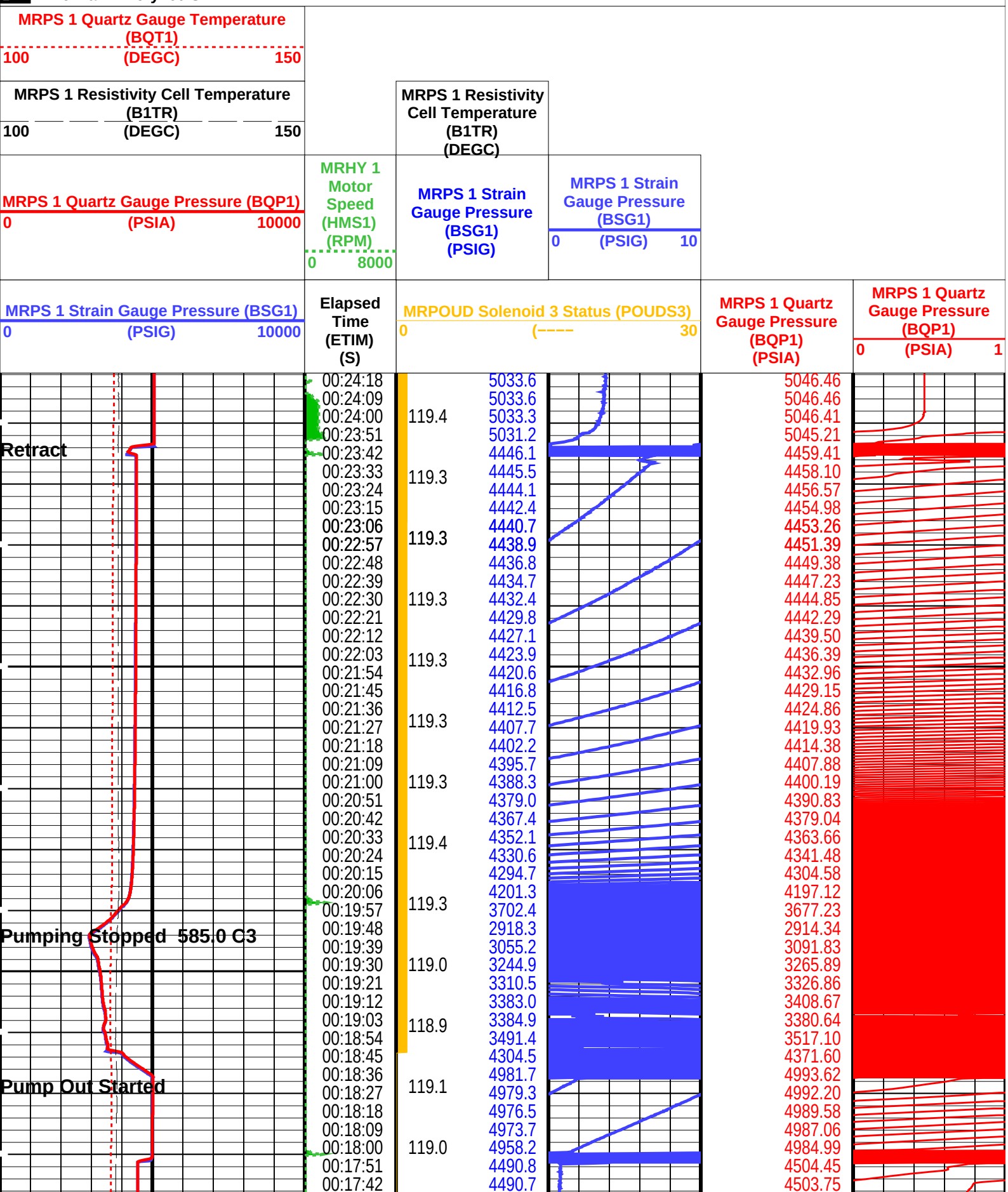
DEFAULT	MDT_OFA_306LTP	FN:488	PRODUCER	30−Nov−2004 20:15	3149.5 M	3.7 M
BACKUP	MDT_OFA_306LTP	FN:489	PRODUCER	30−Nov−2004 20:15	3149.5 M	3.7 M

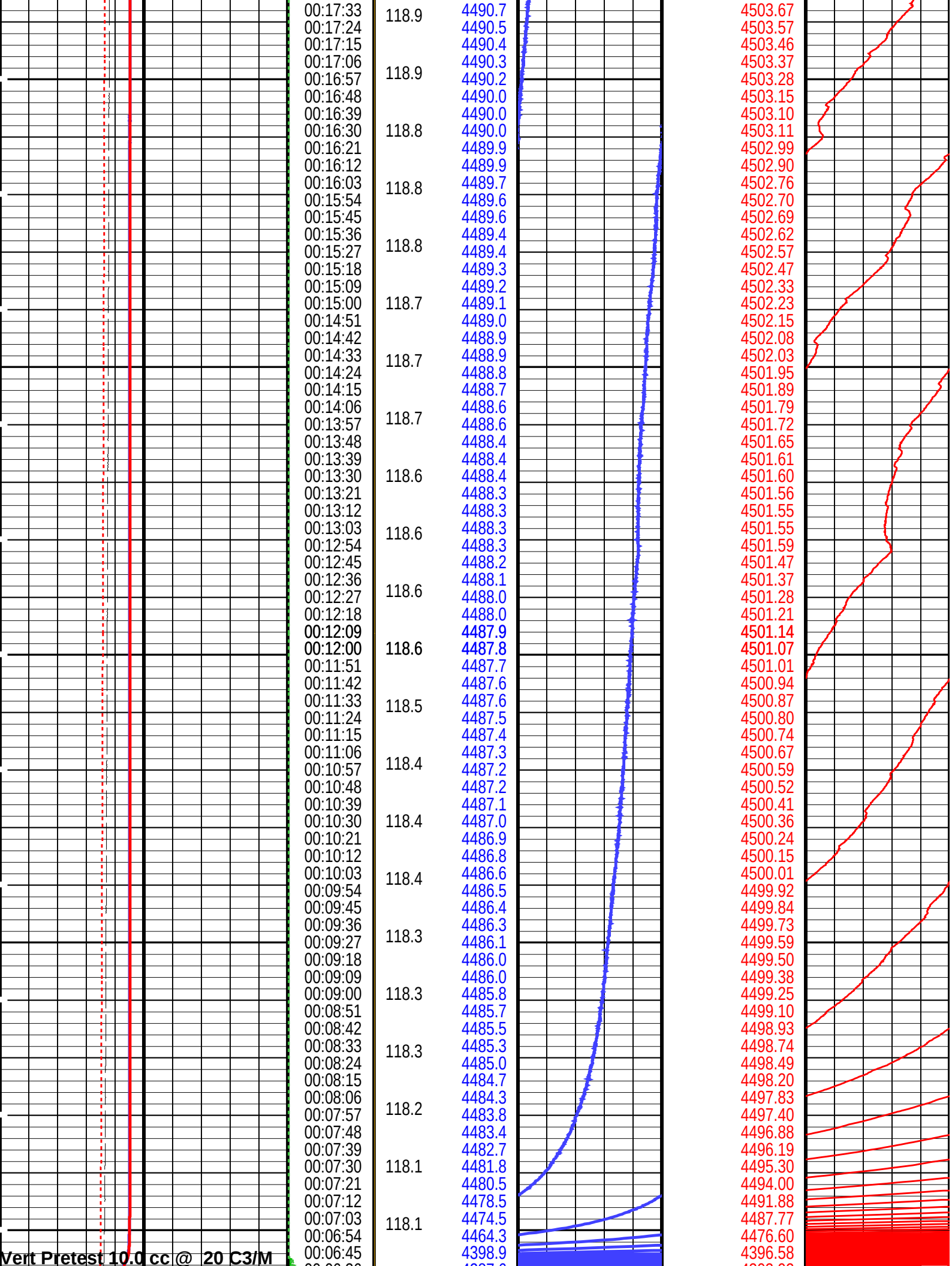
Elapsed Time (s)	Event Summary
1427.1	Retract Single Probe Module (MRPS) 1
1187.7	Pumping Stopped 585.0 C3 Dual Up−down Pumpout Module (MRPOUD)
1113.9	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
360.9	Vert Pretest 10.0 cc @ 20 C3/M Single Probe Module (MRPS) 1

267.6	Vert Pretest 5.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
193.5	Probe Set @ 3149.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

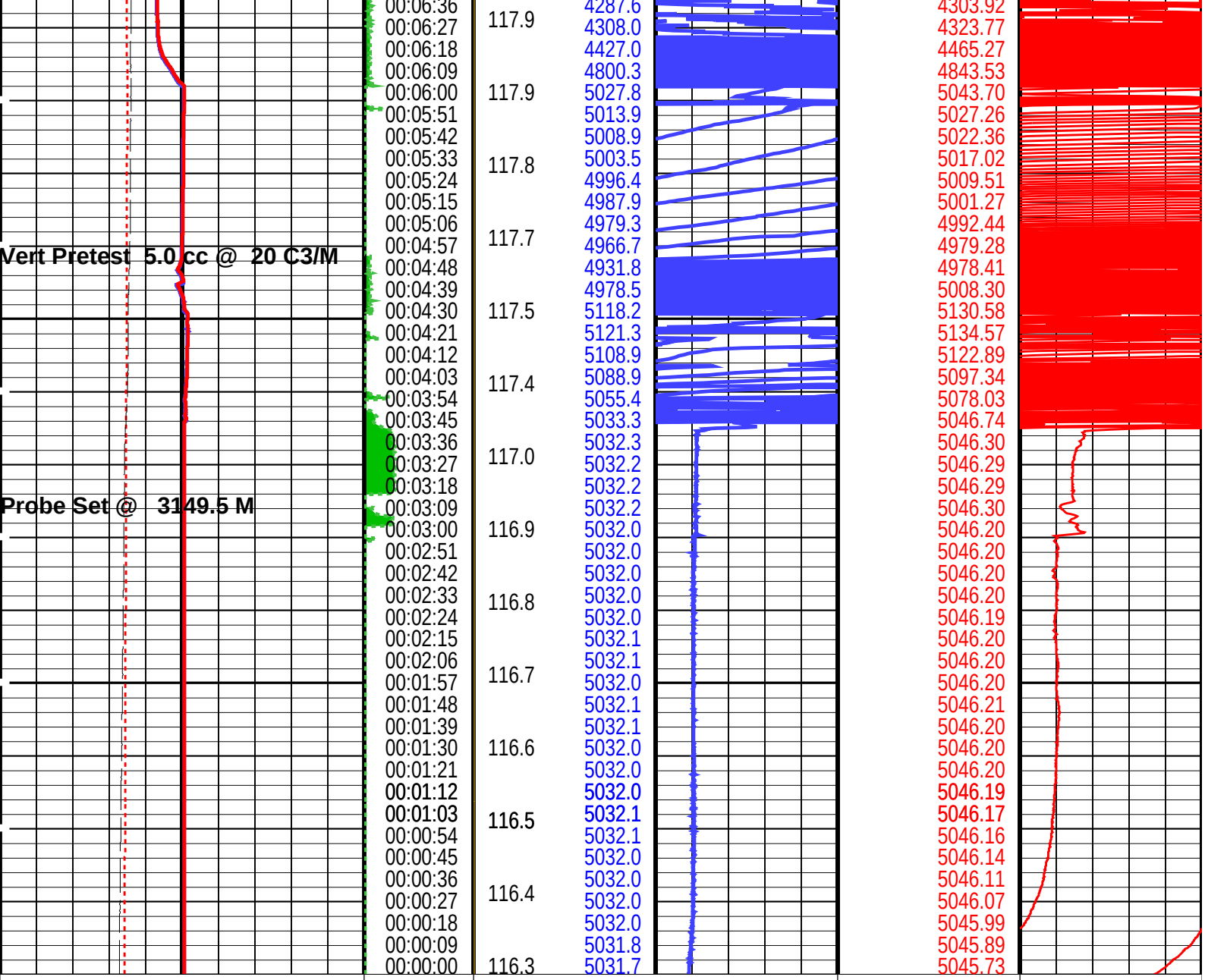
Time Mark Every 60 S





00:17:33	118.9	4490.7	4503.67
00:17:24		4490.5	4503.57
00:17:15		4490.4	4503.46
00:17:06		4490.3	4503.37
00:16:57	118.9	4490.2	4503.28
00:16:48		4490.0	4503.15
00:16:39		4490.0	4503.10
00:16:30	118.8	4490.0	4503.11
00:16:21		4489.9	4502.99
00:16:12		4489.9	4502.90
00:16:03	118.8	4489.7	4502.76
00:15:54		4489.6	4502.70
00:15:45		4489.6	4502.69
00:15:36		4489.4	4502.62
00:15:27	118.8	4489.4	4502.57
00:15:18		4489.3	4502.47
00:15:09		4489.2	4502.33
00:15:00	118.7	4489.1	4502.23
00:14:51		4489.0	4502.15
00:14:42		4488.9	4502.08
00:14:33	118.7	4488.9	4502.03
00:14:24		4488.8	4501.95
00:14:15		4488.7	4501.89
00:14:06		4488.6	4501.79
00:13:57	118.7	4488.6	4501.72
00:13:48		4488.4	4501.65
00:13:39		4488.4	4501.61
00:13:30	118.6	4488.4	4501.60
00:13:21		4488.3	4501.56
00:13:12		4488.3	4501.55
00:13:03	118.6	4488.3	4501.55
00:12:54		4488.3	4501.59
00:12:45		4488.2	4501.47
00:12:36		4488.1	4501.37
00:12:27	118.6	4488.0	4501.28
00:12:18		4488.0	4501.21
00:12:09		4487.9	4501.14
00:12:00	118.6	4487.8	4501.07
00:11:51		4487.7	4501.01
00:11:42		4487.6	4500.94
00:11:33	118.5	4487.6	4500.87
00:11:24		4487.5	4500.80
00:11:15		4487.4	4500.74
00:11:06		4487.3	4500.67
00:10:57	118.4	4487.2	4500.59
00:10:48		4487.2	4500.52
00:10:39		4487.1	4500.41
00:10:30	118.4	4487.0	4500.36
00:10:21		4486.9	4500.24
00:10:12		4486.8	4500.15
00:10:03	118.4	4486.6	4500.01
00:09:54		4486.5	4499.92
00:09:45		4486.4	4499.84
00:09:36		4486.3	4499.73
00:09:27	118.3	4486.1	4499.59
00:09:18		4486.0	4499.50
00:09:09		4486.0	4499.38
00:09:00	118.3	4485.8	4499.25
00:08:51		4485.7	4499.10
00:08:42		4485.5	4498.93
00:08:33	118.3	4485.3	4498.74
00:08:24		4485.0	4498.49
00:08:15		4484.7	4498.20
00:08:06		4484.3	4497.83
00:07:57	118.2	4483.8	4497.40
00:07:48		4483.4	4496.88
00:07:39		4482.7	4496.19
00:07:30	118.1	4481.8	4495.30
00:07:21		4480.5	4494.00
00:07:12		4478.5	4491.88
00:07:03	118.1	4474.5	4487.77
00:06:54		4464.3	4476.60
00:06:45		4398.9	4396.58

Vert Pretest 10.0 cc @ 20 C3/M



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	MRPS_1: Single Probe Module (MRPS) 1	

QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
LFA: Live Fluid Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 30−Nov−2004 20:15

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_306LTP	FN:488	PRODUCER	30−Nov−2004 20:15
BACKUP	MDT_OFA_306LTP	FN:489	PRODUCER	30−Nov−2004 20:15

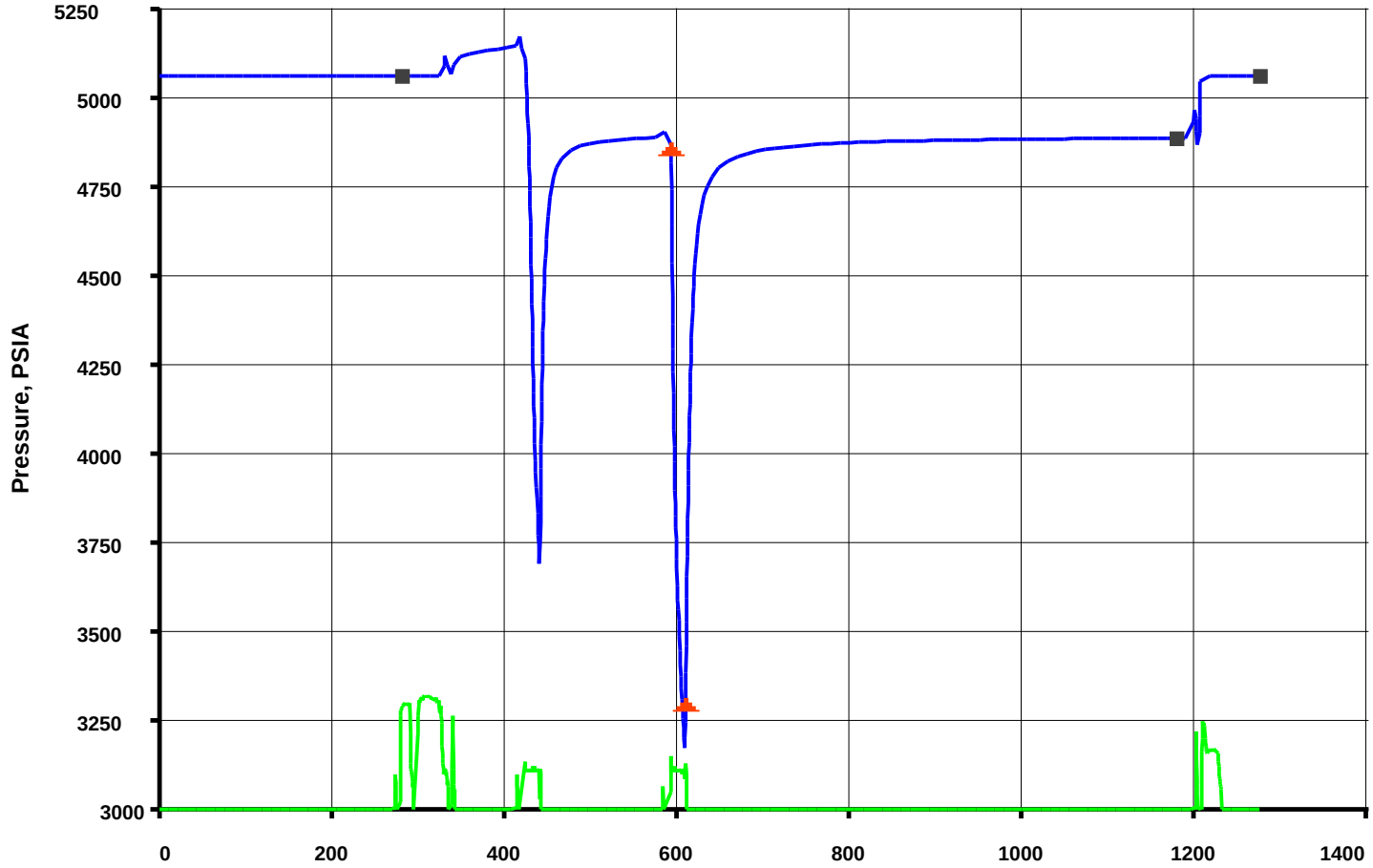
Schlumberger

Pretest @ 3155.2 mMD

MAXIS Field Log

File 277 Depth, M: 3155.20 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5058.27
Mud Pressure after test, PSIA:	5057.8
Last build−up pressure, PSIA:	4884.17
Draw−down mobility, md/cp:	0.6



Production time: 16.8sec

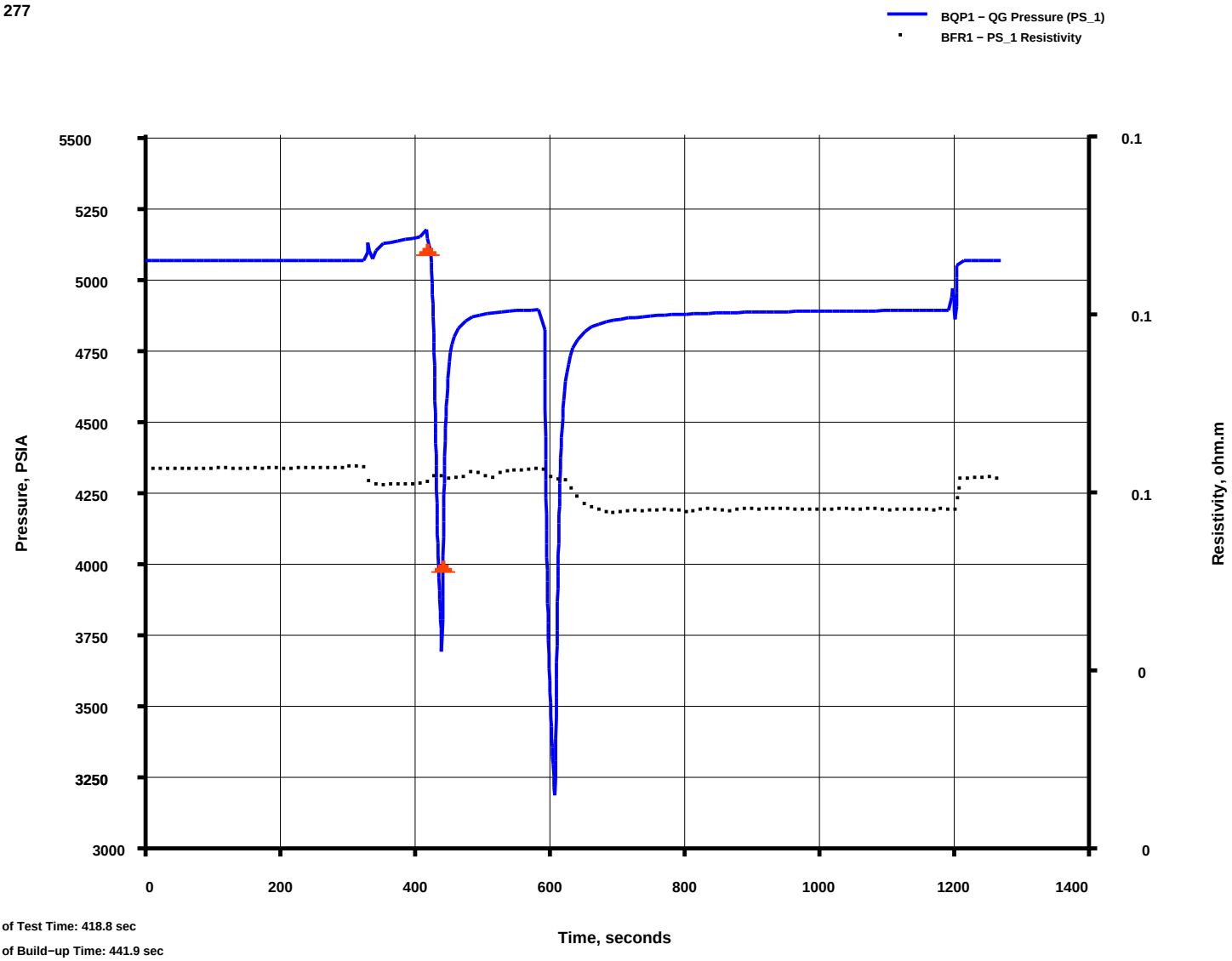
09.6sec

T0: 6

Time, sec

Pretest Volume: 10.0cc − MRPS_1− BQP1 Resolution: 0.010psi

File 277



Start of Test Time: 418.8 sec

Start of Build−up Time: 441.9 sec

Reference pressure st start of build−up (BQP1) 5134.7 PSIA.

Output DLIS Files

DEFAULT	MDT_OFA_277LTP	FN:431	PRODUCER	29−Nov−2004 19:39	3155.2 M	3.3 M
BACKUP	MDT_OFA_277LTP	FN:432	PRODUCER	29−Nov−2004 19:39	3155.2 M	3.3 M

Elapsed Time (s)	Event Summary
1202.4	Retract Single Probe Module (MRPS) 1
587.7	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
418.8	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
295.2	Probe Set @ 3155.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)

100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)

100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)

0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)

0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)

0 (PSIG) 10

MRPS 1 Strain Gauge Pressure (BSG1)

0 (PSIG) 10000

Elapsed Time (ETIM) (S)

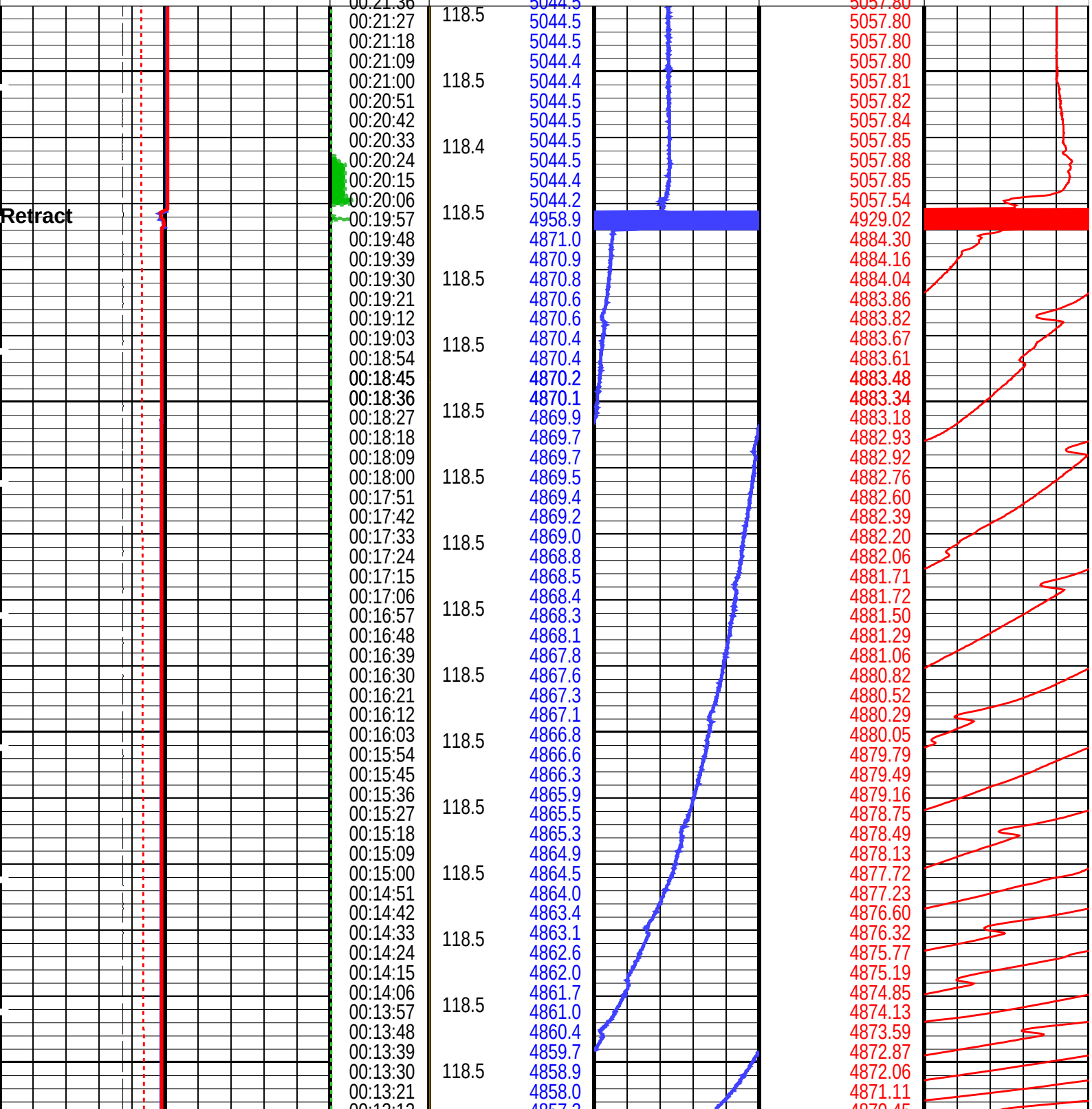
MRPOUD Solenoid 3 Status (POUDS3)

0 (---- 30

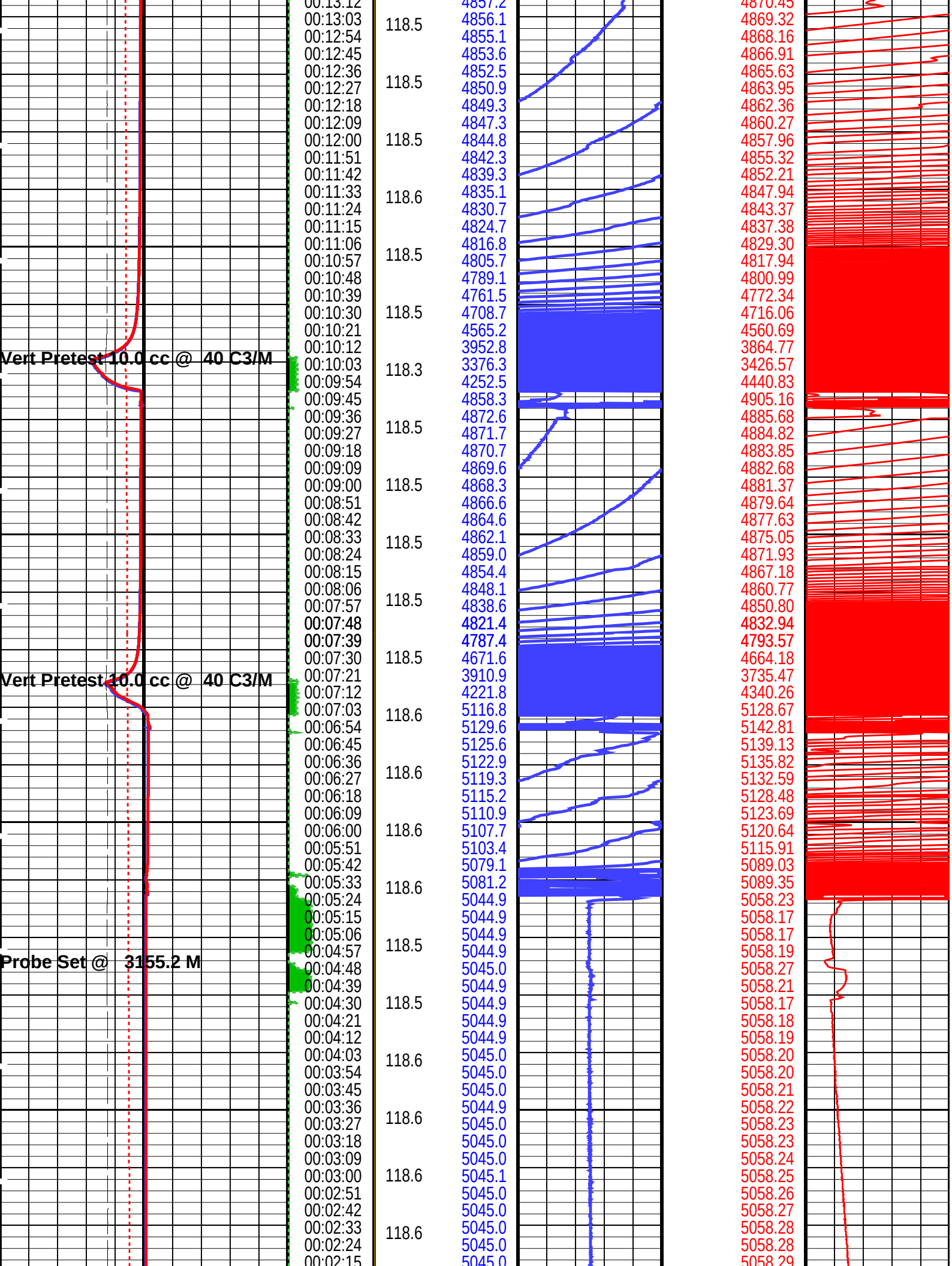
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

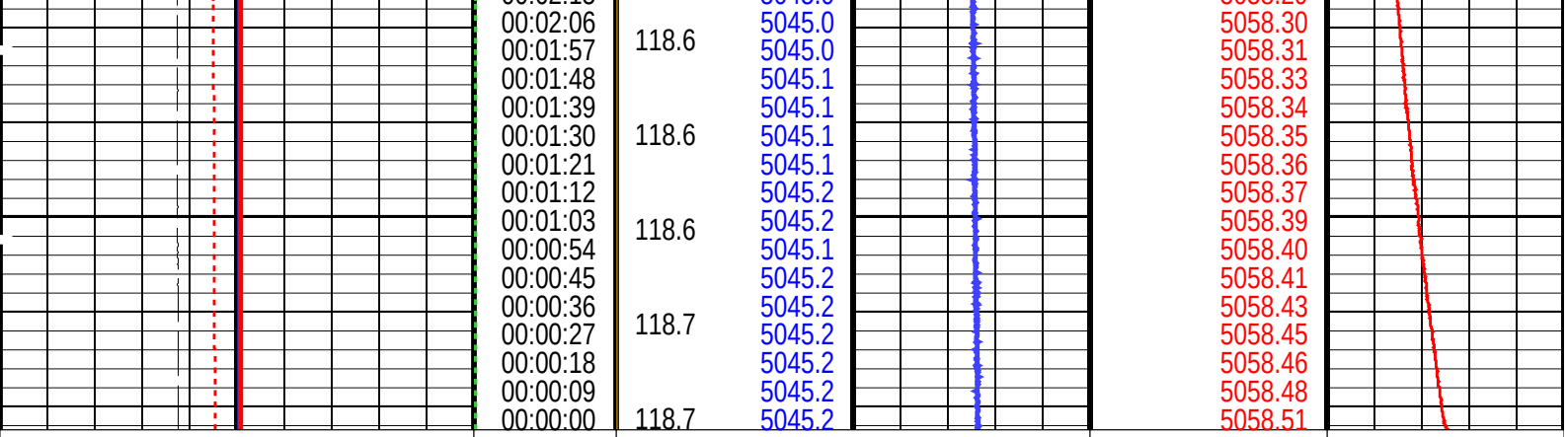
MRPS 1 Quartz Gauge Pressure (BQP1)

0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:21:36		5044.5	5057.80
00:21:27	118.5	5044.5	5057.80
00:21:18		5044.5	5057.80
00:21:09		5044.4	5057.80
00:21:00	118.5	5044.4	5057.81
00:20:51		5044.5	5057.82
00:20:42		5044.5	5057.84
00:20:33	118.4	5044.5	5057.85
00:20:24		5044.5	5057.88
00:20:15		5044.4	5057.85
00:20:06		5044.2	5057.54
00:19:57	118.5	4958.9	4929.02
00:19:48		4871.0	4884.30
00:19:39		4870.9	4884.16
00:19:30	118.5	4870.8	4884.04
00:19:21		4870.6	4883.86
00:19:12		4870.6	4883.82
00:19:03	118.5	4870.4	4883.67
00:18:54		4870.4	4883.61
00:18:45		4870.2	4883.48
00:18:36	118.5	4870.1	4883.34
00:18:27		4869.9	4883.18
00:18:18		4869.7	4882.93
00:18:09		4869.7	4882.92
00:18:00	118.5	4869.5	4882.76
00:17:51		4869.4	4882.60
00:17:42		4869.2	4882.39
00:17:33	118.5	4869.0	4882.20
00:17:24		4868.8	4882.06
00:17:15		4868.5	4881.71
00:17:06		4868.4	4881.72
00:16:57	118.5	4868.3	4881.50
00:16:48		4868.1	4881.29
00:16:39		4867.8	4881.06
00:16:30	118.5	4867.6	4880.82
00:16:21		4867.3	4880.52
00:16:12		4867.1	4880.29
00:16:03	118.5	4866.8	4880.05
00:15:54		4866.6	4879.79
00:15:45		4866.3	4879.49
00:15:36		4865.9	4879.16
00:15:27	118.5	4865.5	4878.75
00:15:18		4865.3	4878.49
00:15:09		4864.9	4878.13
00:15:00	118.5	4864.5	4877.72
00:14:51		4864.0	4877.23
00:14:42		4863.4	4876.60
00:14:33	118.5	4863.1	4876.32
00:14:24		4862.6	4875.77
00:14:15		4862.0	4875.19
00:14:06	118.5	4861.7	4874.85
00:13:57		4861.0	4874.13
00:13:48		4860.4	4873.59
00:13:39		4859.7	4872.87
00:13:30	118.5	4858.9	4872.06
00:13:21		4858.0	4871.11


Vert Pretest 10.0 cc @ 40 C3/M
Vert Pretest 10.0 cc @ 40 C3/M
Probe Set @ 3155.2 M



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 19:40

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

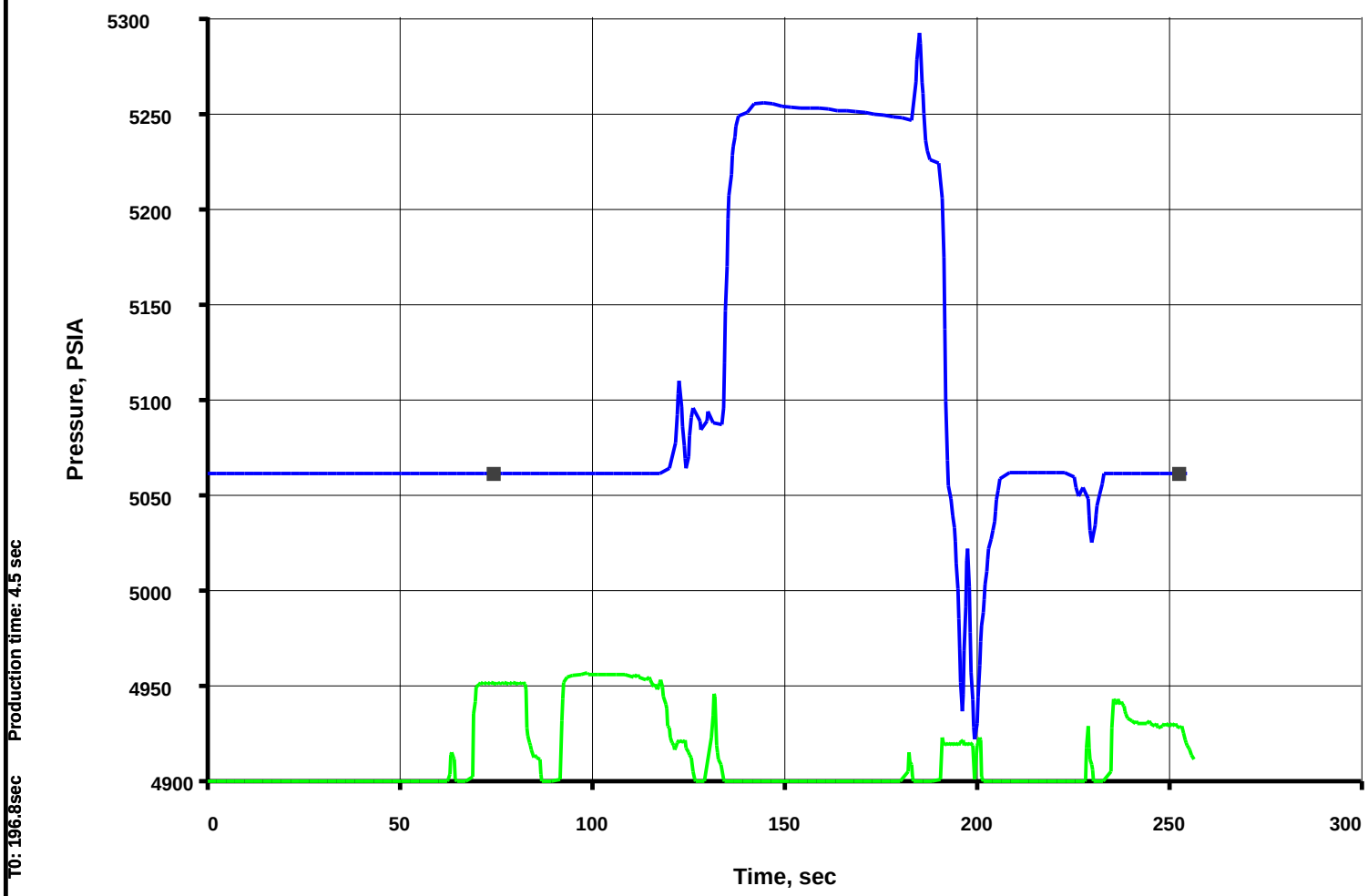
DEFAULT	MDT_OFA_277LTP	FN:431	PRODUCER	29−Nov−2004 19:39
BACKUP	MDT_OFA_277LTP	FN:432	PRODUCER	29−Nov−2004 19:39

Schlumberger

Pretest @ 3157.2 mMD
(Lost seal)

File 278 Depth, M: 3157.19 Lost Seal − Large−Diameter probe

Mud Pressure before test, PSIA: 5061.24
Mud Pressure after test, PSIA: 5061.16



Pretest Volume: 5.0 cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_278LTP	FN:433	PRODUCER	29−Nov−2004 20:05	3157.2 M	0.7 M
BACKUP	MDT_OFA_278LTP	FN:434	PRODUCER	29−Nov−2004 20:05	3157.2 M	0.7 M

Elapsed Time (s)	Event Summary
230.7	Retract Single Probe Module (MRPS) 1
186.3	Vert Pretest 5.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
87.6	Probe Set @ 3157.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)

(BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

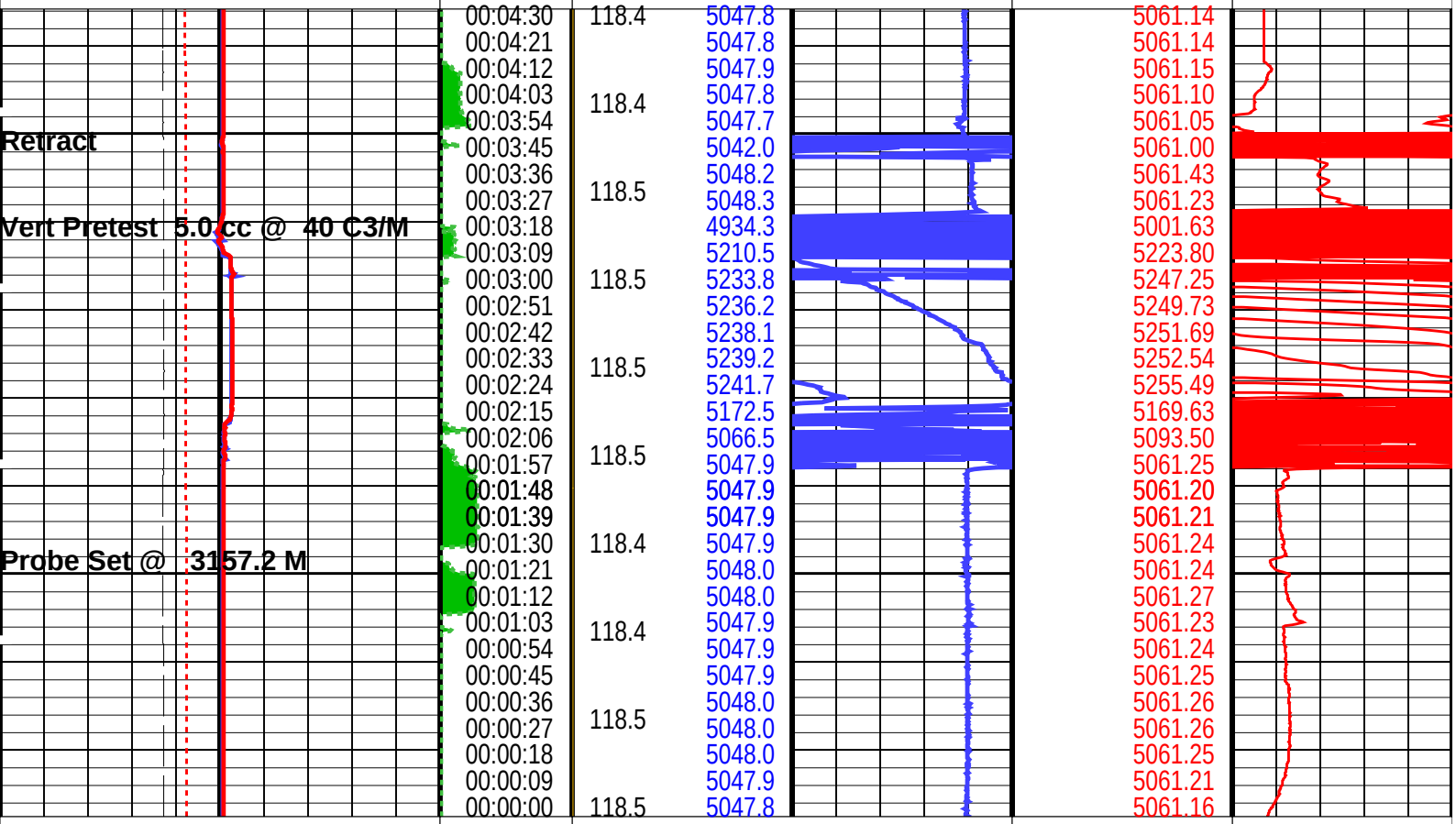
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:04:30	118.4	5047.8	5061.14
00:04:21		5047.8	5061.14
00:04:12		5047.9	5061.15
00:04:03	118.4	5047.8	5061.10
00:03:54		5047.7	5061.05
00:03:45		5042.0	5061.00
00:03:36		5048.2	5061.43
00:03:27	118.5	5048.3	5061.23
00:03:18		4934.3	5001.63
00:03:09		5210.5	5223.80
00:03:00	118.5	5233.8	5247.25
00:02:51		5236.2	5249.73
00:02:42		5238.1	5251.69
00:02:33	118.5	5239.2	5252.54
00:02:24		5241.7	5255.49
00:02:15		5172.5	5169.63
00:02:06		5066.5	5093.50
00:01:57	118.5	5047.9	5061.25
00:01:48		5047.9	5061.20
00:01:39		5047.9	5061.21
00:01:30	118.4	5047.9	5061.24
00:01:21		5048.0	5061.24
00:01:12		5048.0	5061.27
00:01:03	118.4	5047.9	5061.23
00:00:54		5047.9	5061.24
00:00:45		5047.9	5061.25
00:00:36		5048.0	5061.26
00:00:27	118.5	5048.0	5061.26
00:00:18		5048.0	5061.25
00:00:09		5047.9	5061.21
00:00:00	118.5	5047.8	5061.16

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 20:05

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_278LTP	FN:433	PRODUCER	29−Nov−2004 20:05
BACKUP	MDT_OFA_278LTP	FN:434	PRODUCER	29−Nov−2004 20:05

Schlumberger

Fluid analysis and pump out
3157.2 mMD

MAXIS Field Log

File 279 Depth, M: 3157.19

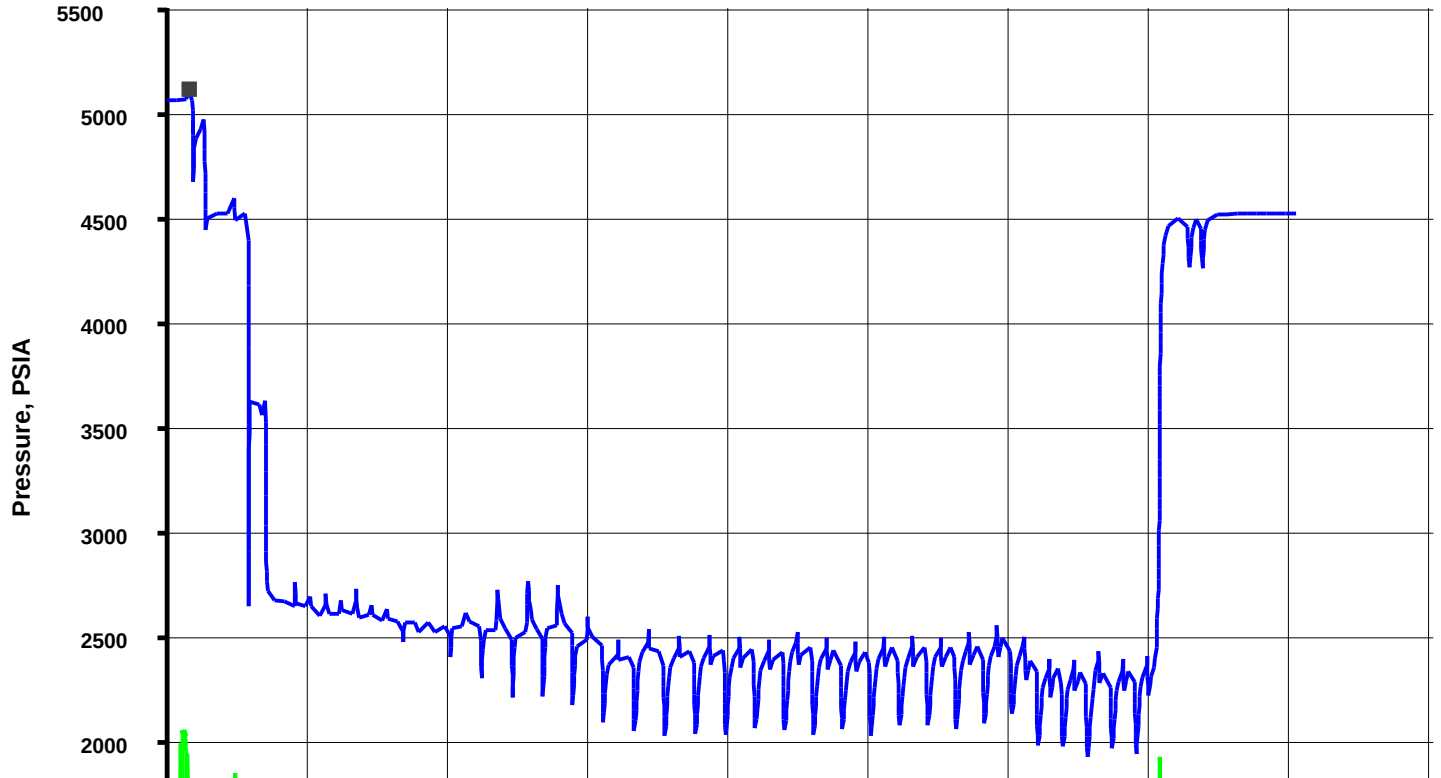
Volumetric Limited draw−down − Large−Diameter probe

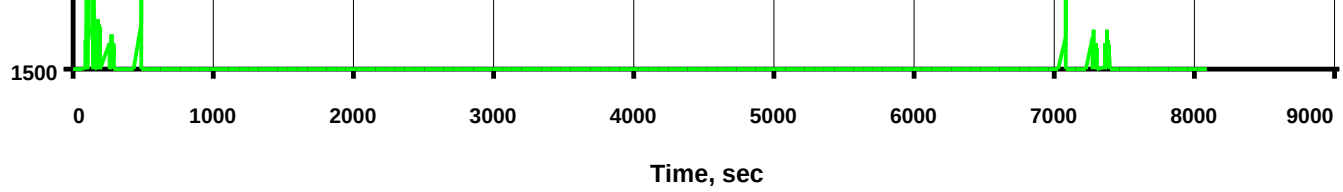
See remarks

Mud Pressure before test (acquisition software), PSIA: 5061.03

Formation pressure (acquisition software), PSIA: 4518.90

Mud Pressure after test (acquisition software), PSIA: 5061.67





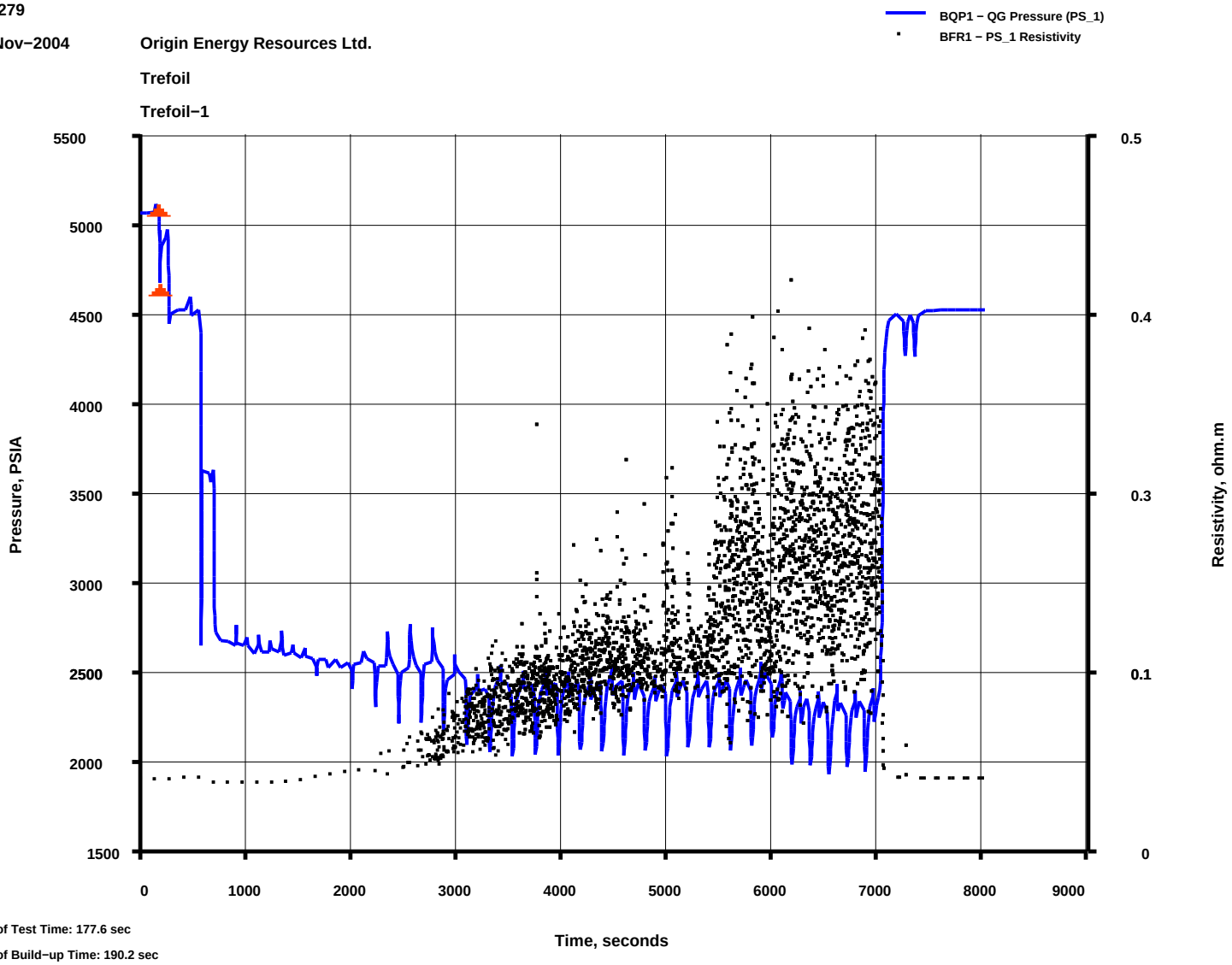
Pretest Volume: 0.0 cc − MRPS_1− BQP1 Resolution: 0.010psi

File 279

25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1



Start of Test Time: 177.6 sec

Start of Build−up Time: 190.2 sec

Reference pressure st start of build−up (BQP1) 5129.3 PSIA.

Input DLIS Files

DEFAULT	MDT_OFA_279LTP	FN:435	PRODUCER	02−Dec−2004 11:12	3157.2 M	20.5 M

Output DLIS Files

DEFAULT	MDT_OFA_081PTP	FN:80	PRODUCER	06−Dec−2004 12:27	3157.2 M	20.5 M

Elapsed Time (s)	Event Summary
7338.6	Vert Pretest 5.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
7246.5	Vert Pretest 5.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
7029.3	Pumping Stopped 36270.0 C3 Dual Up−down Pumpout Module (MRPOUD)
578.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
266.7	Vert Pretest 4.9 cc @ 20 C3/M Single Probe Module (MRPS) 1

177.6	Vert Pretest 5.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
105.3	Probe Set @ 3157.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

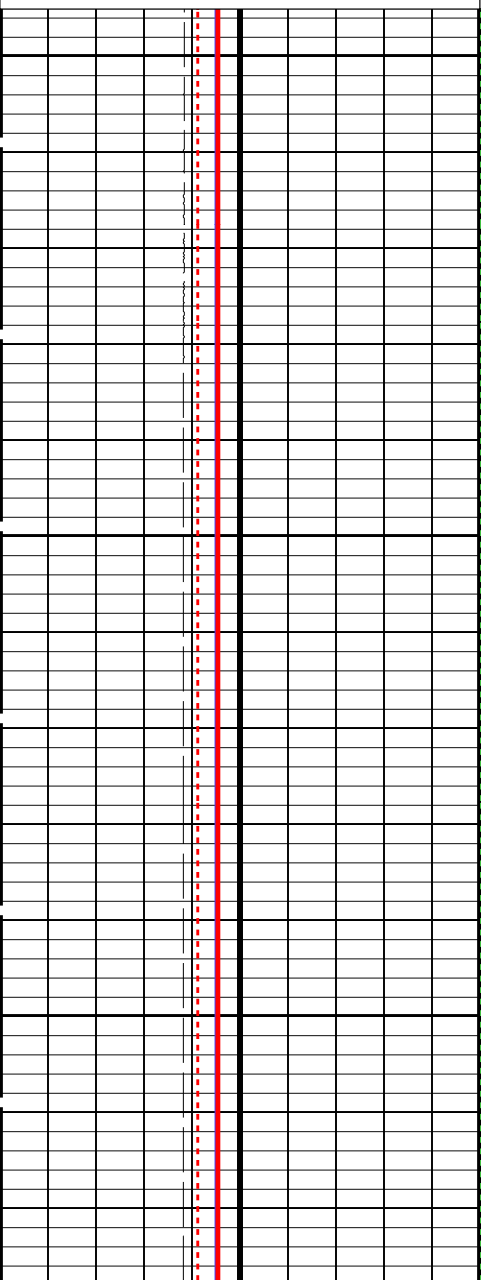
MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30		MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
02:14:33	119.1	4507.2	4521.03
02:14:24		4507.1	4521.03
02:14:15		4507.1	4521.03
02:14:06		4507.1	4521.00
02:13:57	119.1	4507.1	4520.97
02:13:48		4507.1	4520.96
02:13:39		4507.1	4520.92
02:13:30	119.1	4507.0	4520.90
02:13:21		4507.0	4520.87
02:13:12		4507.0	4520.85
02:13:03	119.0	4506.9	4520.83
02:12:54		4506.9	4520.78
02:12:45		4506.9	4520.77
02:12:36		4506.9	4520.73
02:12:27	119.0	4506.8	4520.72
02:12:18		4506.7	4520.67
02:12:09		4506.7	4520.65
02:12:00	119.0	4506.7	4520.60
02:11:51		4506.7	4520.57
02:11:42		4506.6	4520.54
02:11:33	119.0	4506.5	4520.50
02:11:24		4506.6	4520.47
02:11:15		4506.5	4520.44
02:11:06		4506.4	4520.38
02:10:57	119.0	4506.4	4520.33
02:10:48		4506.3	4520.29
02:10:39		4506.3	4520.24
02:10:30	119.0	4506.3	4520.20
02:10:21		4506.3	4520.15
02:10:12		4506.2	4520.10
02:10:03	119.0	4506.1	4520.06
02:09:54		4506.0	4520.00
02:09:45		4506.0	4519.94
02:09:36		4505.9	4519.87
02:09:27	119.0	4505.9	4519.81
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02:09:09		4505.7	4519.68
02:09:00	119.0	4505.7	4519.62
02:08:51		4505.6	4519.55
02:08:42		4505.5	4519.46
02:08:33	119.0	4505.4	4519.38
02:08:24		4505.3	4519.31
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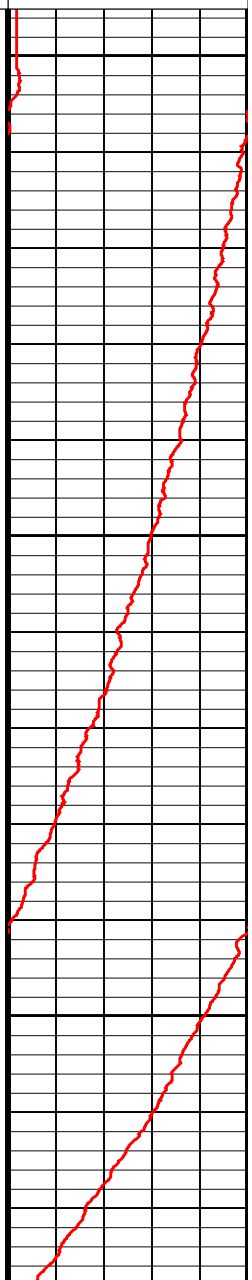
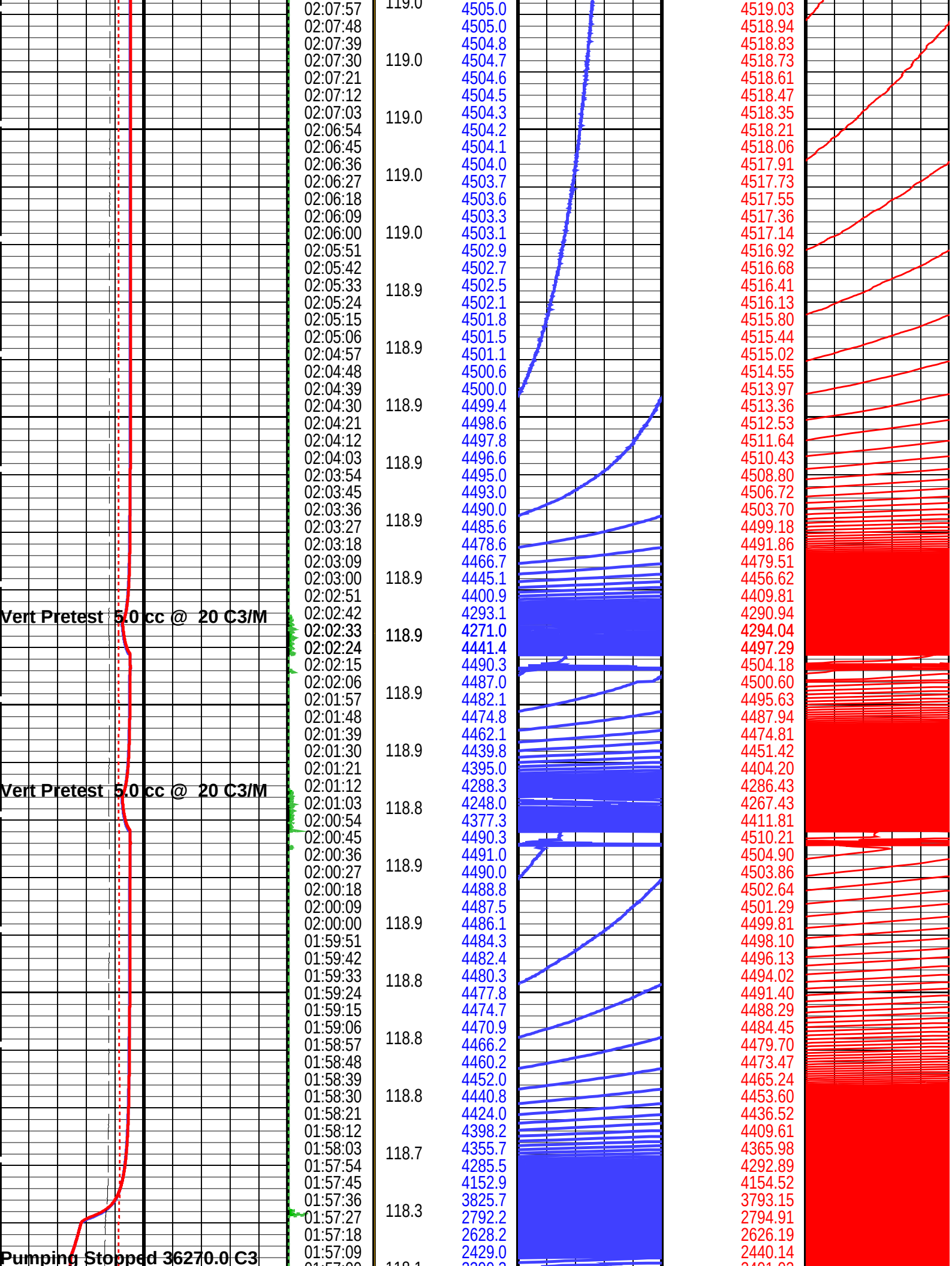
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1





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02:06:36	119.0	4504.0	4517.91
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02:06:09		4503.3	4517.36
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02:05:06	118.9	4501.5	4515.44
02:04:57		4501.1	4515.02
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01:47:15		2304.7	2318.33
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01:44:15		2308.1	2320.64
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01:41:42		2283.8	2299.60
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01:41:24		2447.7	2460.30
01:41:15		2436.8	2449.18
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01:35:42		2430.3	2442.39
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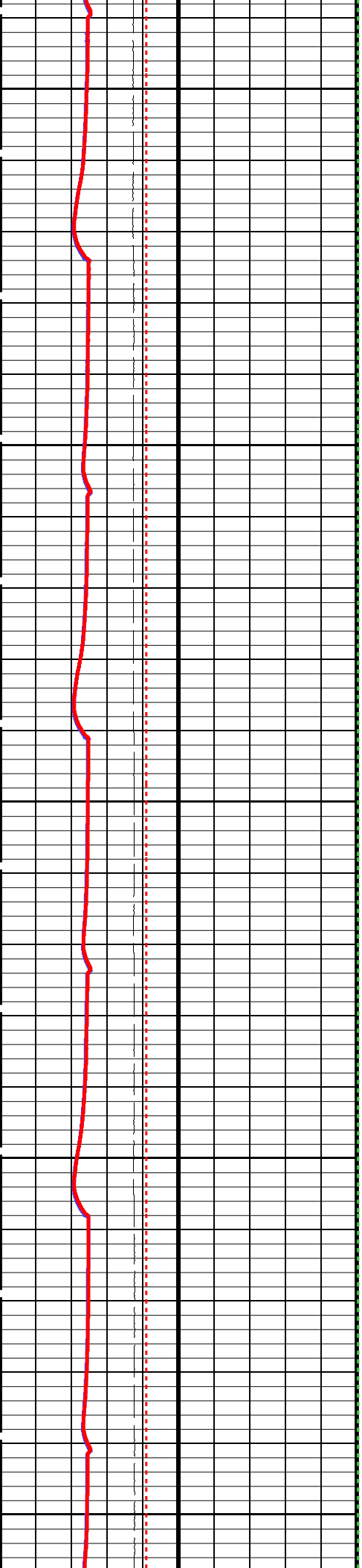

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01:33:36		2092.6	2100.55
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01:32:42		2437.3	2449.92
01:32:33	118.6	2429.8	2443.12
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01:27:18		2307.7	2317.69
01:27:09		2250.6	2258.49
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01:26:06		2448.4	2459.76
01:25:57	118.7	2443.8	2455.00
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01:25:21		2375.5	2388.72
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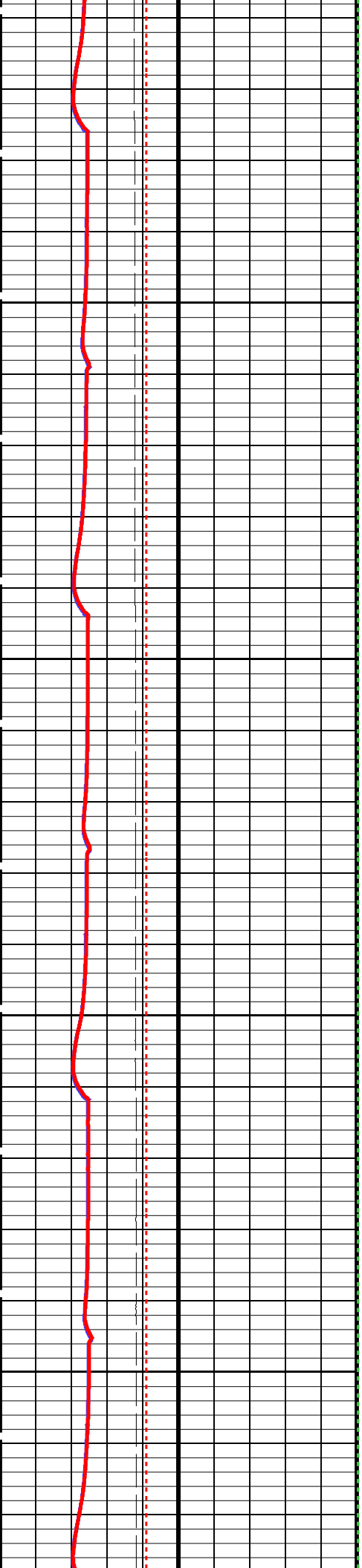

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01:20:24		2259.6	2268.67
01:20:15		2179.2	2185.08
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01:19:30	118.9	2434.1	2447.49
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01:19:12		2434.7	2446.65
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01:18:54		2420.2	2432.85
01:18:45		2411.0	2423.95
01:18:36	118.9	2394.5	2405.44
01:18:27		2362.3	2371.67
01:18:18		2316.2	2326.89
01:18:09		2438.5	2475.08
01:18:00	118.9	2408.1	2419.17
01:17:51		2402.3	2415.31
01:17:42		2399.1	2411.95
01:17:33	118.9	2393.6	2404.47
01:17:24		2383.7	2394.52
01:17:15		2358.6	2370.45
01:17:06		2319.0	2328.17
01:16:57	118.9	2252.7	2258.40
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01:16:39		2040.9	2046.26
01:16:30	118.9	2074.9	2100.79
01:16:21		2437.8	2450.24
01:16:12		2435.6	2448.57
01:16:03	119.0	2439.5	2453.57
01:15:54		2441.3	2452.16
01:15:45		2437.9	2452.21
01:15:36		2438.3	2451.83
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01:15:18		2428.3	2441.10
01:15:09		2415.8	2428.03
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01:14:42		2505.8	2545.84
01:14:33	119.0	2462.8	2474.76
01:14:24		2460.5	2474.17
01:14:15		2449.7	2463.23
01:14:06		2431.3	2444.04
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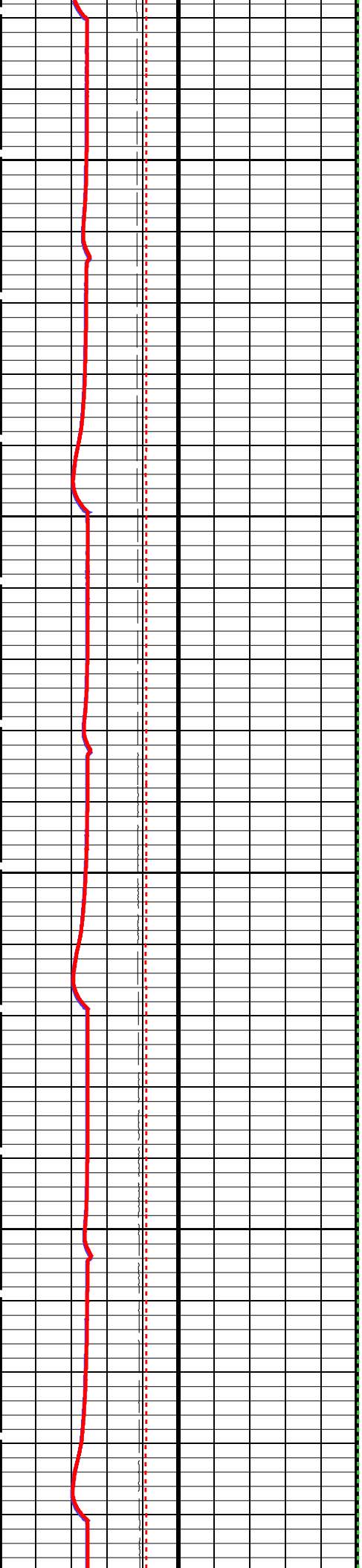

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01:12:09		2405.8	2419.09
01:12:00	119.1	2396.3	2408.39
01:11:51		2384.2	2395.51
01:11:42		2366.3	2375.69
01:11:33	119.1	2325.9	2336.68
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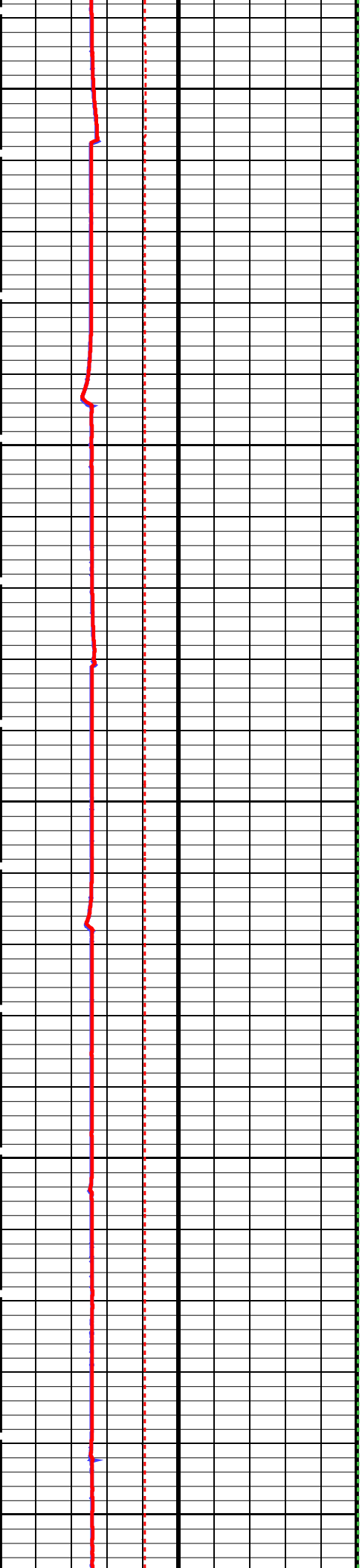

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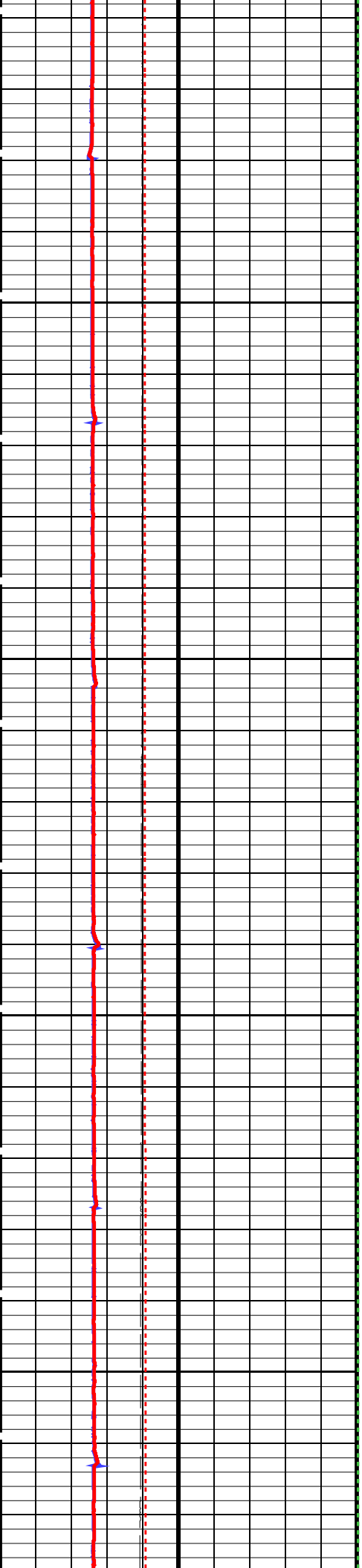

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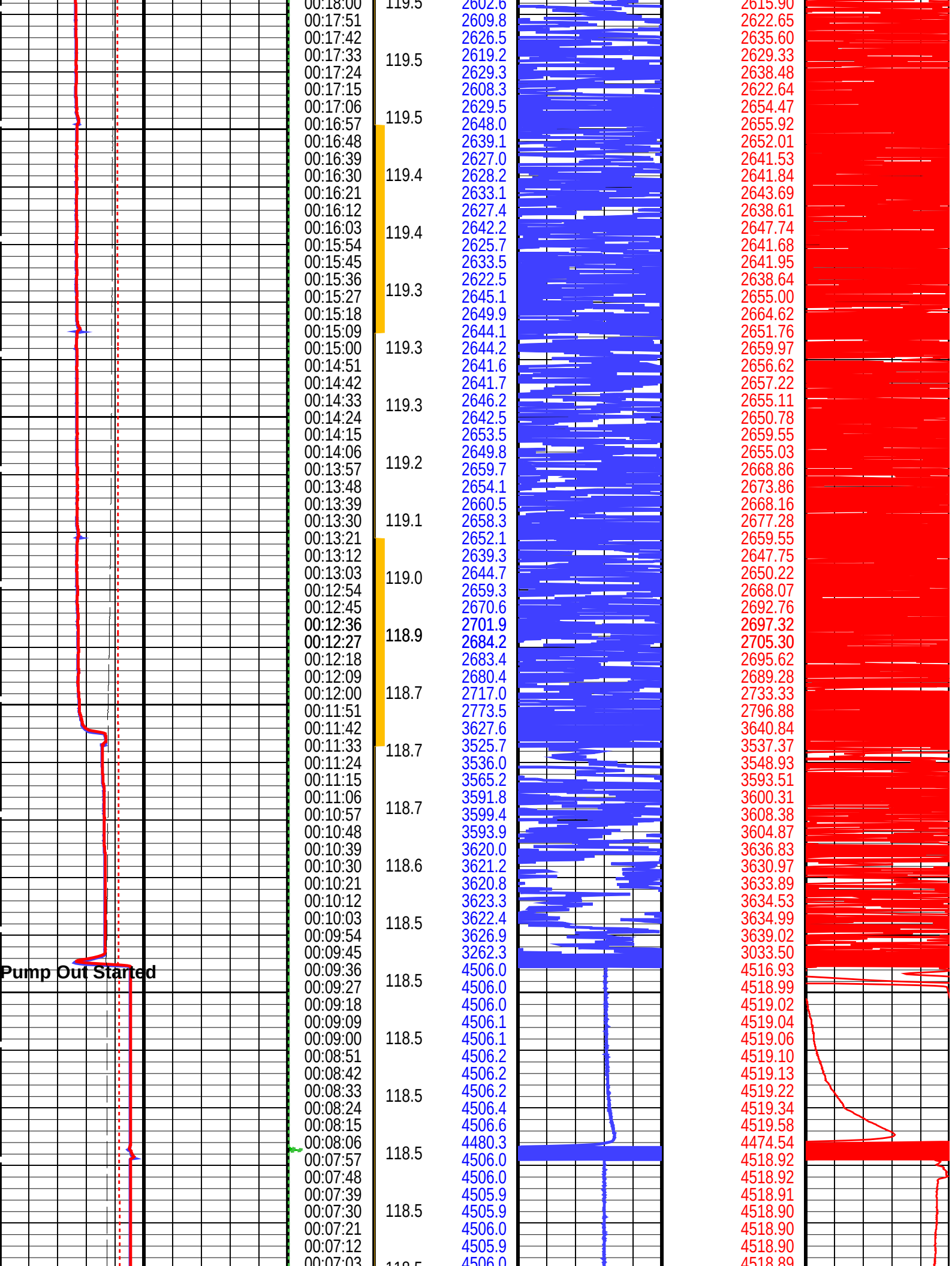

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00:10:12		3623.3	3634.53
00:10:03	118.5	3622.4	3634.99
00:09:54		3626.9	3639.02
00:09:45		3262.3	3033.50
00:09:36		4506.0	4516.93
00:09:27	118.5	4506.0	4518.99
00:09:18		4506.0	4519.02
00:09:09		4506.1	4519.04
00:09:00	118.5	4506.1	4519.06
00:08:51		4506.2	4519.10
00:08:42		4506.2	4519.13
00:08:33	118.5	4506.2	4519.22
00:08:24		4506.4	4519.34
00:08:15		4506.6	4519.58
00:08:06		4480.3	4474.54
00:07:57	118.5	4506.0	4518.92
00:07:48		4506.0	4518.92
00:07:39		4505.9	4518.91
00:07:30	118.5	4505.9	4518.90
00:07:21		4506.0	4518.90
00:07:12		4505.9	4518.90
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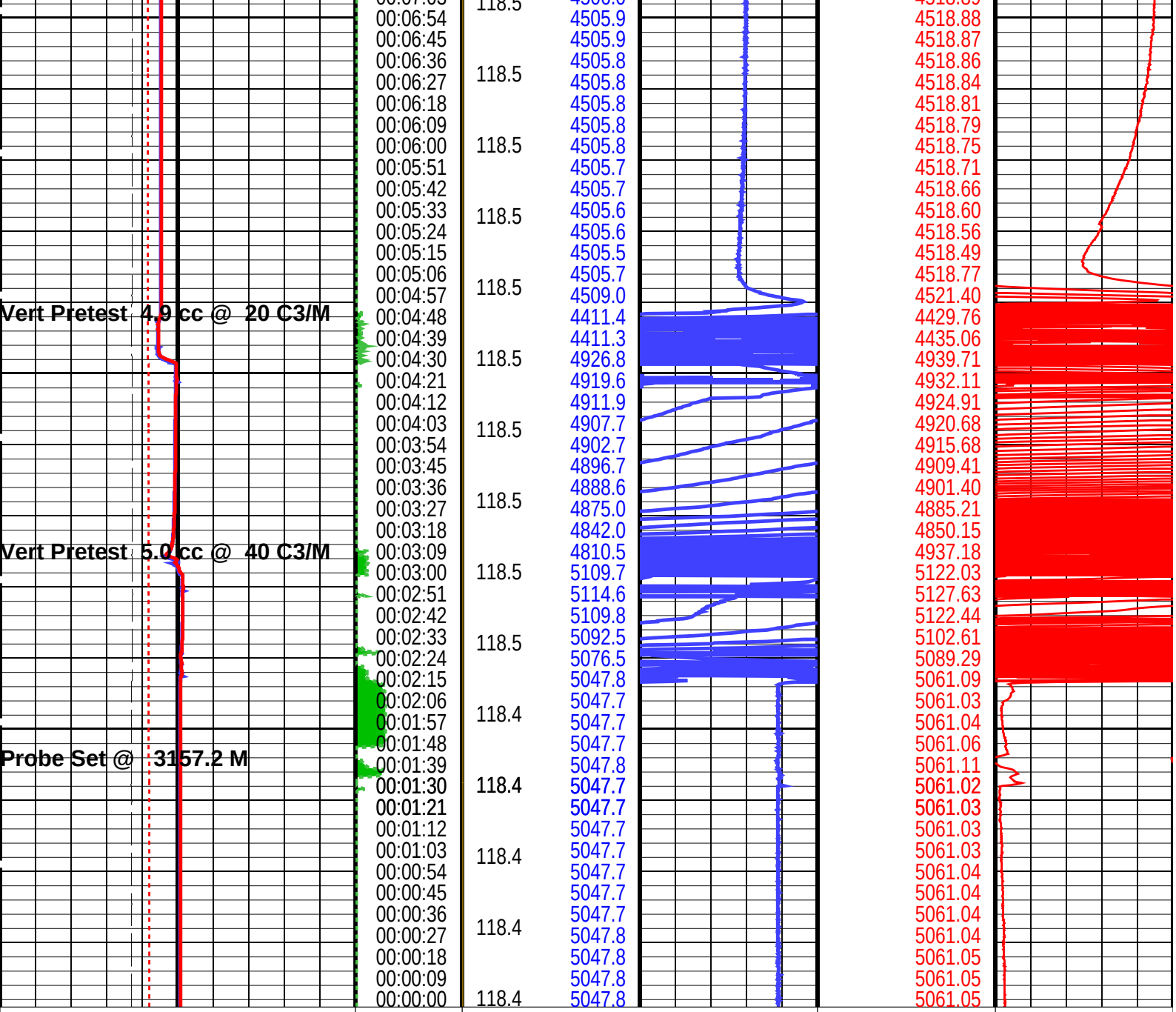


PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:27

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_279LTP	FN:435	PRODUCER	02−Dec−2004 11:12	3157.2 M	20.5 M

Output DLIS Files

DEFAULT	MDT_OFA_081PTP	FN:80	PRODUCER	06−Dec−2004 12:27

Input DLIS Files

DEFAULT	MDT_OFA_279LTP	FN:435	PRODUCER	02−Dec−2004 11:12	3157.2 M	20.5 M

Output DLIS Files

DEFAULT	MDT_OFA_081PTP	FN:80	PRODUCER	06−Dec−2004 12:27	3157.2 M	20.5 M

Elapsed Time (s)	Event Summary
7338.6	Vert Pretest 5.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
7246.5	Vert Pretest 5.0 cc @ 20 C3/M Single Probe Module (MRPS) 1
7029.3	Pumping Stopped 36270.0 C3 Dual Up−down Pumpout Module (MRPOUD)
578.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
266.7	Vert Pretest 4.9 cc @ 20 C3/M Single Probe Module (MRPS) 1
177.6	Vert Pretest 5.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
105.3	Probe Set @ 3157.2 M Single Probe Module (MRPS) 1

LFA Optical Density Channel 9 (FAOD_LFA[9])		
−36	(−−−−	4
LFA Optical Density Channel 8 (FAOD_LFA[8])		
−32	(−−−−	8
LFA Optical Density Channel 7 (FAOD_LFA[7])		
−28	(−−−−	12
LFA Optical Density Channel 6 (FAOD_LFA[6])		

MRPOUD Hydraulic Pump Output

Pump Output Volume (POUDPV) (C3)

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Elapsed Time (ETIM) (S)

High Gas

Medium Gas

Low Gas

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Oil

Water

Highly Absorbing Fluid

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA)
(----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

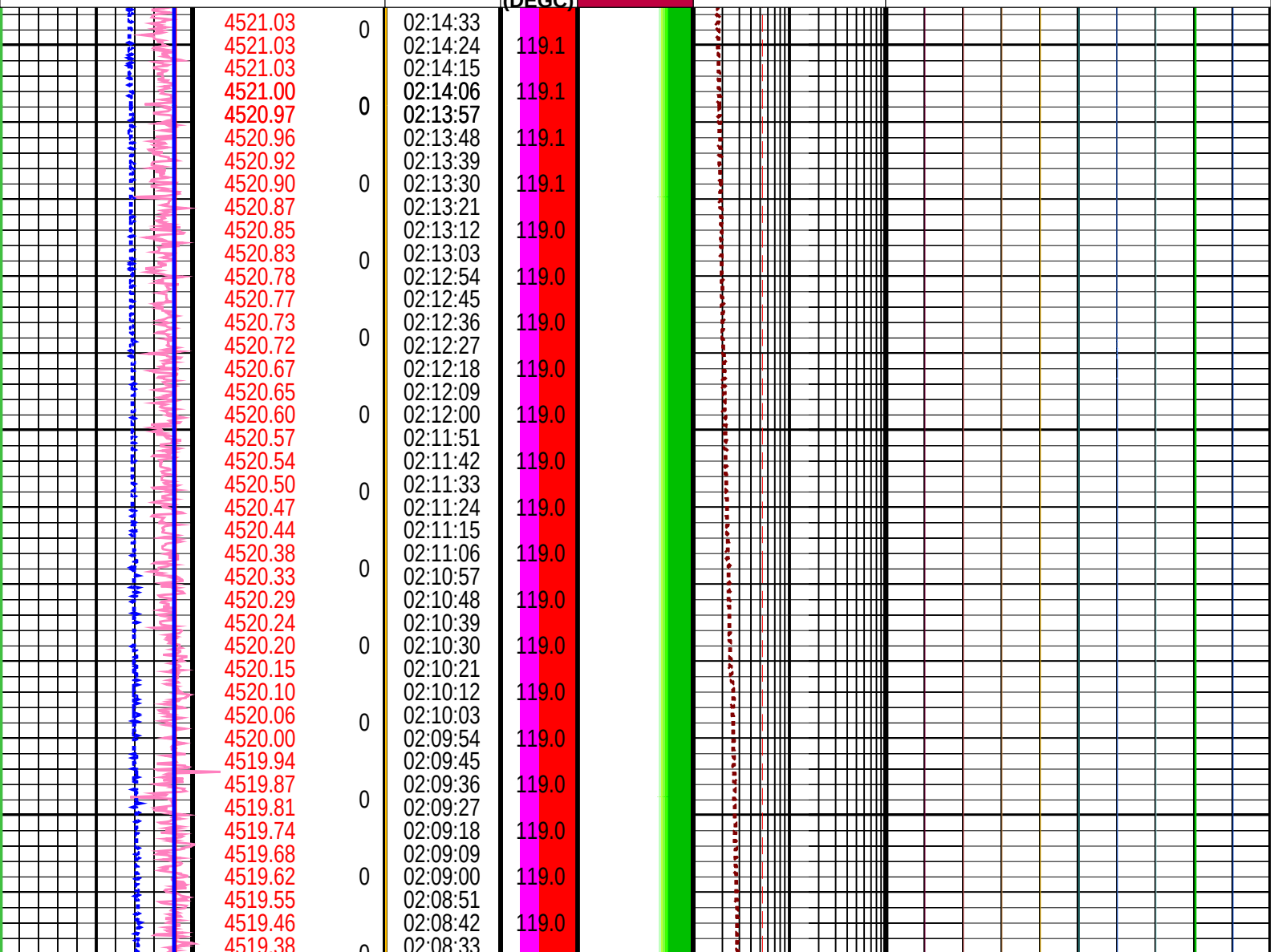
LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

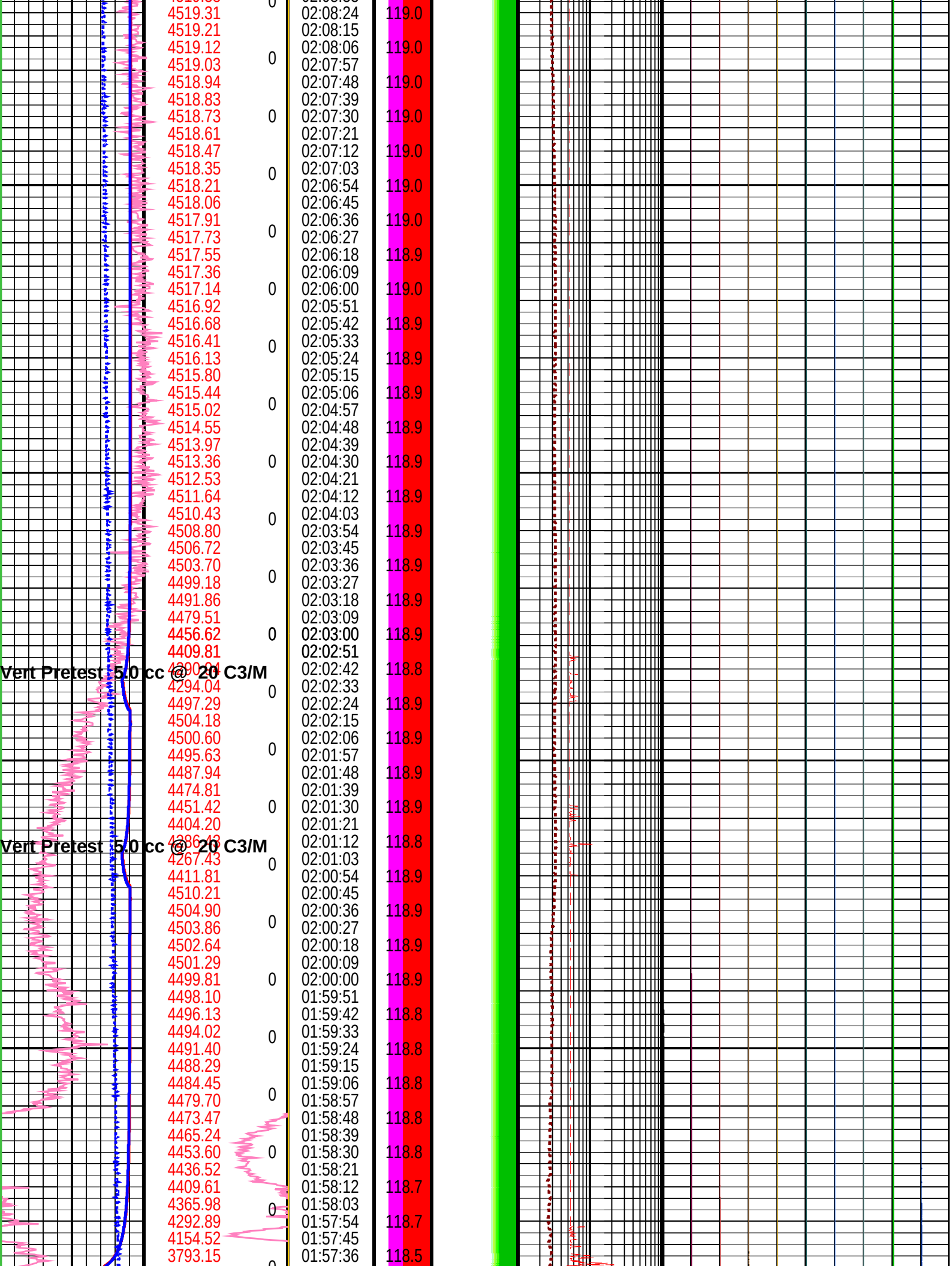
LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

LFA Optical Density Channel 5 (FAOD_LFA[5])
-20 (---- 20

-24 (---- 16





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4519.03	0	02:07:57	
4518.94		02:07:48	119.0
4518.83		02:07:39	
4518.73	0	02:07:30	119.0
4518.61		02:07:21	
4518.47		02:07:12	119.0
4518.35	0	02:07:03	
4518.21		02:06:54	119.0
4518.06		02:06:45	
4517.91		02:06:36	119.0
4517.73	0	02:06:27	
4517.55		02:06:18	118.9
4517.36		02:06:09	
4517.14	0	02:06:00	119.0
4516.92		02:05:51	
4516.68		02:05:42	118.9
4516.41	0	02:05:33	
4516.13		02:05:24	118.9
4515.80		02:05:15	
4515.44		02:05:06	118.9
4515.02	0	02:04:57	
4514.55		02:04:48	118.9
4513.97		02:04:39	
4513.36	0	02:04:30	118.9
4512.53		02:04:21	
4511.64		02:04:12	118.9
4510.43	0	02:04:03	
4508.80		02:03:54	118.9
4506.72		02:03:45	
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4499.18	0	02:03:27	
4491.86		02:03:18	118.9
4479.51		02:03:09	
4456.62	0	02:03:00	118.9
4409.81		02:02:51	
4390.04		02:02:42	118.8
4294.04	0	02:02:33	
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4504.18		02:02:15	
4500.60		02:02:06	118.9
4495.63	0	02:01:57	
4487.94		02:01:48	118.9
4474.81		02:01:39	
4451.42	0	02:01:30	118.9
4404.20		02:01:21	
4386.43		02:01:12	118.8
4267.43	0	02:01:03	
4411.81		02:00:54	118.9
4510.21		02:00:45	
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4503.86	0	02:00:27	
4502.64		02:00:18	118.9
4501.29		02:00:09	
4499.81	0	02:00:00	118.9
4498.10		01:59:51	
4496.13		01:59:42	118.8
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4491.40		01:59:24	118.8
4488.29		01:59:15	
4484.45		01:59:06	118.8
4479.70	0	01:58:57	
4473.47		01:58:48	118.8
4465.24		01:58:39	
4453.60	0	01:58:30	118.8
4436.52		01:58:21	
4409.61		01:58:12	118.7
4365.98	0	01:58:03	
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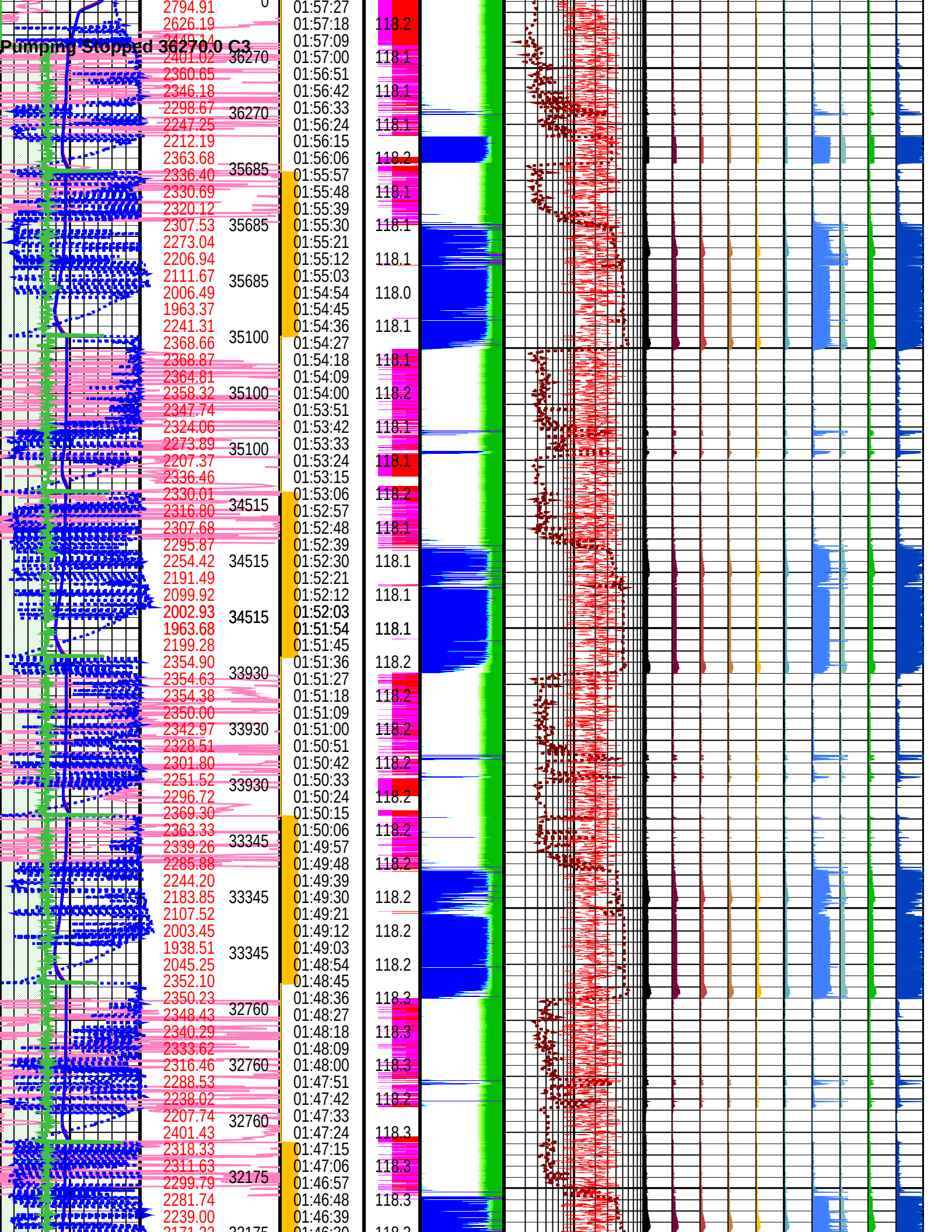
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2330.69
2320.12
2307.53
2273.04
2206.94
2111.67
2006.49
1963.37
2241.31
2368.66
2368.87
2364.81
2358.32
2347.74
2324.06
2273.89
2207.37
2336.46
2330.01
2316.80
2307.68
2295.87
2254.42
2191.49
2099.92
2002.93
1963.68
2199.28
2354.90
2354.63
2354.38
2350.00
2342.97
2328.51
2301.80
2251.52
2296.72
2369.30
2363.33
2339.26
2285.88
2244.20
2183.85
2107.52
2003.45
1938.51
2045.25
2352.10
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2348.43
2340.29
2333.62
2316.46
2288.53
2238.02
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2401.43
2318.33
2311.63
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2281.74
2239.00
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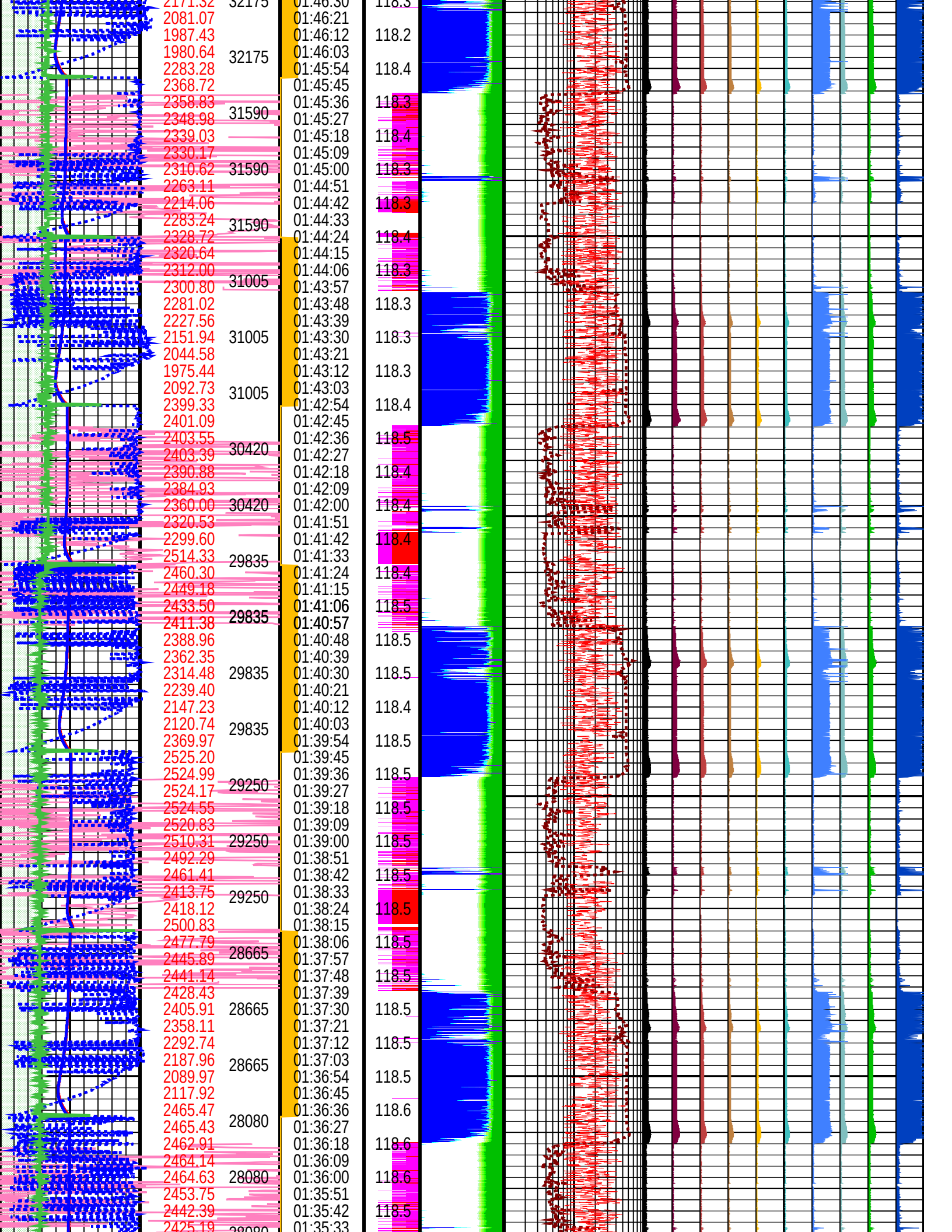
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1987.43 01:46:12 118.2
1980.64 32175 01:46:03
2283.28 01:45:54 118.4
2368.72 01:45:45
2358.83 01:45:36 118.3
2348.98 31590 01:45:27
2339.03 01:45:18 118.4
2330.17 01:45:09
2310.62 31590 01:45:00 118.3
2263.11 01:44:51
2214.06 01:44:42 118.3
2283.24 31590 01:44:33
2328.72 01:44:24 118.4
2320.64 01:44:15
2312.00 01:44:06 118.3
2300.80 31005 01:43:57
2281.02 01:43:48 118.3
2227.56 01:43:39
2151.94 31005 01:43:30 118.3
2044.58 01:43:21
1975.44 01:43:12 118.3
2092.73 31005 01:43:03
2399.33 01:42:54 118.4
2401.09 01:42:45
2403.55 01:42:36 118.5
2403.39 30420 01:42:27
2390.88 01:42:18 118.4
2384.93 01:42:09
2360.00 30420 01:42:00 118.4
2320.53 01:41:51
2299.60 01:41:42 118.4
2514.33 29835 01:41:33
2460.30 01:41:24 118.4
2449.18 01:41:15
2433.50 01:41:06 118.5
2411.38 29835 01:40:57
2388.96 01:40:48 118.5
2362.35 01:40:39
2314.48 29835 01:40:30 118.5
2239.40 01:40:21
2147.23 01:40:12 118.4
2120.74 29835 01:40:03
2369.97 01:39:54 118.5
2525.20 01:39:45
2524.99 01:39:36 118.5
2524.17 29250 01:39:27
2524.55 01:39:18 118.5
2520.83 01:39:09
2510.31 29250 01:39:00 118.5
2492.29 01:38:51
2461.41 01:38:42 118.5
2413.75 29250 01:38:33
2418.12 01:38:24 118.5
2500.83 01:38:15
2477.79 01:38:06 118.5
2445.89 28665 01:37:57
2441.14 01:37:48 118.5
2428.43 01:37:39
2405.91 28665 01:37:30 118.5
2358.11 01:37:21
2292.74 01:37:12 118.5
2187.96 28665 01:37:03
2089.97 01:36:54 118.5
2117.92 01:36:45
2465.47 01:36:36 118.6
2465.43 28080 01:36:27
2462.91 01:36:18 118.6
2464.14 01:36:09
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2453.75 01:35:51
2442.39 01:35:42 118.5
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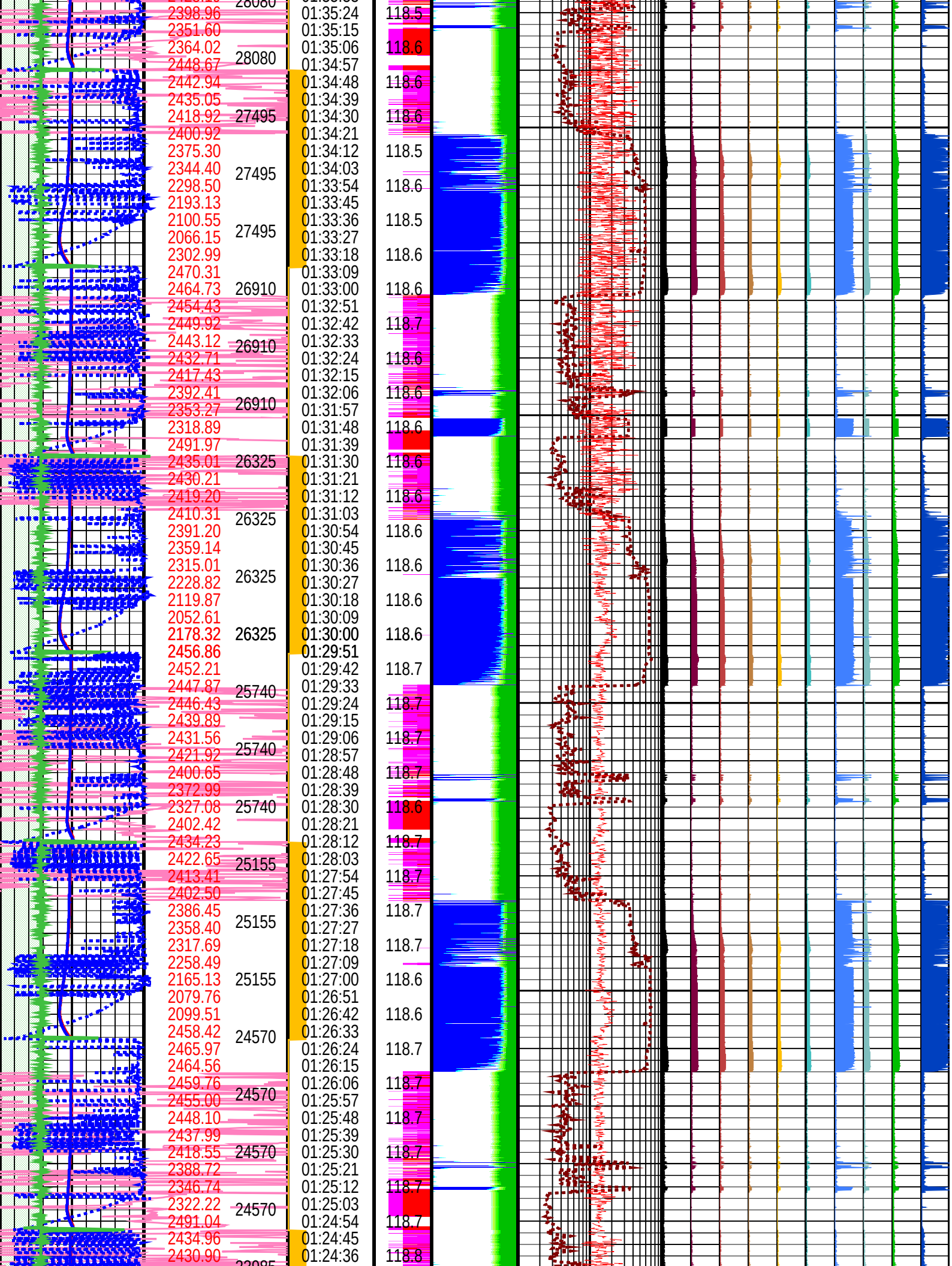

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2364.02		01:35:06	118.6
2448.67	28080	01:34:57	
2442.94		01:34:48	118.6
2435.05		01:34:39	
2418.92	27495	01:34:30	118.6
2400.92		01:34:21	
2375.30		01:34:12	118.5
2344.40	27495	01:34:03	
2298.50		01:33:54	118.6
2193.13		01:33:45	
2100.55		01:33:36	118.5
2066.15	27495	01:33:27	
2302.99		01:33:18	118.6
2470.31		01:33:09	
2464.73	26910	01:33:00	118.6
2454.43		01:32:51	
2449.92		01:32:42	118.7
2443.12	26910	01:32:33	
2432.71		01:32:24	118.6
2417.43		01:32:15	
2392.41		01:32:06	118.6
2353.27	26910	01:31:57	
2318.89		01:31:48	118.6
2491.97		01:31:39	
2435.01	26325	01:31:30	118.6
2430.21		01:31:21	
2419.20		01:31:12	118.6
2410.31	26325	01:31:03	
2391.20		01:30:54	118.6
2359.14		01:30:45	
2315.01		01:30:36	118.6
2228.82	26325	01:30:27	
2119.87		01:30:18	118.6
2052.61		01:30:09	
2178.32	26325	01:30:00	118.6
2456.86		01:29:51	
2452.21		01:29:42	118.7
2447.87	25740	01:29:33	
2446.43		01:29:24	118.7
2439.89		01:29:15	
2431.56		01:29:06	118.7
2421.92	25740	01:28:57	
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2372.99		01:28:39	
2327.08	25740	01:28:30	118.6
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2402.50		01:27:45	
2386.45		01:27:36	118.7
2358.40	25155	01:27:27	
2317.69		01:27:18	118.7
2258.49		01:27:09	
2165.13	25155	01:27:00	118.6
2079.76		01:26:51	
2099.51		01:26:42	118.6
2458.42	24570	01:26:33	
2465.97		01:26:24	118.7
2464.56		01:26:15	
2459.76		01:26:06	118.7
2455.00	24570	01:25:57	
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2437.99		01:25:39	
2418.55	24570	01:25:30	118.7
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2346.74		01:25:12	118.7
2322.22	24570	01:25:03	
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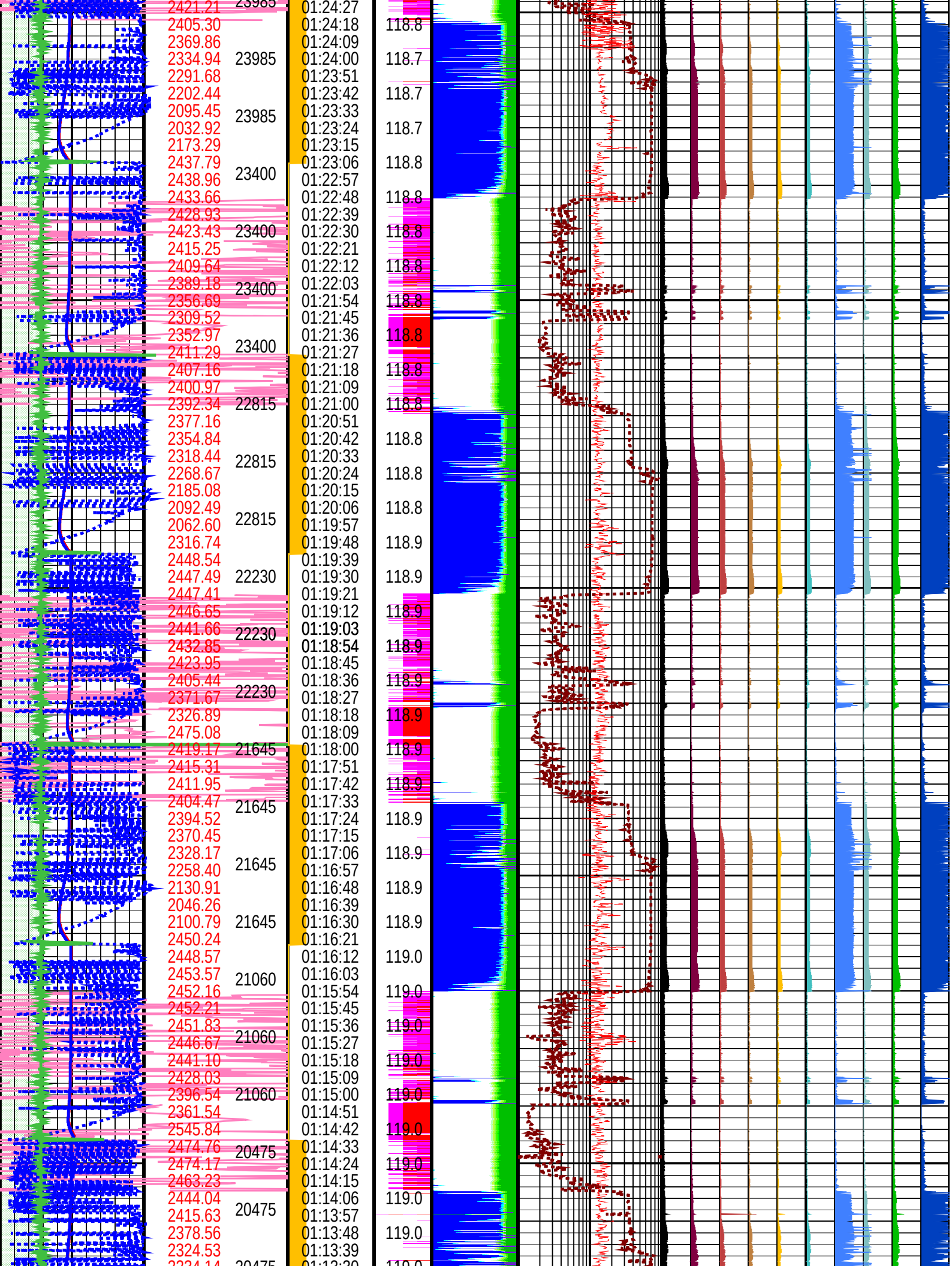
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2334.94 23985 01:24:00 118.7
2291.68 01:23:51
2202.44 01:23:42 118.7
2095.45 23985 01:23:33
2032.92 01:23:24 118.7
2173.29 01:23:15
2437.79 23400 01:23:06 118.8
2438.96 01:22:57
2433.66 01:22:48 118.8
2428.93 01:22:39
2423.43 23400 01:22:30 118.8
2415.25 01:22:21
2409.64 01:22:12 118.8
2389.18 23400 01:22:03
2356.69 01:21:54 118.8
2309.52 01:21:45
2352.97 23400 01:21:36 118.8
2411.29 01:21:27
2407.16 01:21:18 118.8
2400.97 01:21:09
2392.34 22815 01:21:00 118.8
2377.16 01:20:51
2354.84 01:20:42 118.8
2318.44 22815 01:20:33
2268.67 01:20:24 118.8
2185.08 01:20:15
2092.49 22815 01:20:06 118.8
2062.60 01:19:57
2316.74 01:19:48 118.9
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2447.49 22230 01:19:30 118.9
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2432.85 01:18:54 118.9
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2326.89 01:18:18 118.9
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2419.17 21645 01:18:00 118.9
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2328.17 21645 01:17:06 118.9
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2396.54 21060 01:15:00 119.0
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2474.17 01:14:24 119.0
2463.23 01:14:15
2444.04 20475 01:14:06 119.0
2415.63 01:13:57
2378.56 01:13:48 119.0
2324.53 01:13:39

2234.14	20475	01:13:30	119.0
2121.92		01:13:21	
2038.95		01:13:12	119.0
2119.49	20475	01:13:03	
2426.55		01:12:54	119.1
2422.82		01:12:45	
2423.79	19890	01:12:36	119.1
2422.44		01:12:27	
2419.58		01:12:18	119.1
2419.09		01:12:09	
2408.39	19890	01:12:00	119.1
2395.51		01:11:51	
2375.69		01:11:42	119.1
2336.68	19890	01:11:33	
2316.09		01:11:24	119.1
2426.32		01:11:15	
2403.21		01:11:06	119.1
2402.02	19305	01:10:57	
2393.16		01:10:48	119.1
2382.71		01:10:39	
2366.21	19305	01:10:30	119.1
2345.42		01:10:21	
2305.86		01:10:12	119.1
2242.69	19305	01:10:03	
2128.22		01:09:54	119.1
2043.10		01:09:45	
2116.30		01:09:36	119.1
2442.56	19305	01:09:27	
2444.07		01:09:18	119.2
2442.65		01:09:09	
2443.35	18720	01:09:00	119.2
2442.16		01:08:51	
2441.52		01:08:42	119.2
2437.63	18720	01:08:33	
2426.89		01:08:24	119.2
2412.33		01:08:15	
2375.16		01:08:06	119.2
2334.28	18720	01:07:57	
2484.70		01:07:48	119.2
2433.76		01:07:39	
2433.30	18135	01:07:30	119.3
2428.37		01:07:21	
2418.36		01:07:12	119.2
2403.44	18135	01:07:03	
2372.73		01:06:54	119.2
2332.83		01:06:45	
2279.24	18135	01:06:36	119.2
2180.43		01:06:27	
2070.13		01:06:18	119.2
2066.32		01:06:09	
2438.87	18135	01:06:00	119.3
2438.79		01:05:51	
2440.02		01:05:42	119.3
2435.83	17550	01:05:33	
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2434.43		01:05:15	
2432.57		01:05:06	119.4
2430.60	17550	01:04:57	
2427.00		01:04:48	119.3
2408.98		01:04:39	
2375.69	17550	01:04:30	119.3
2388.95		01:04:21	
2438.52		01:04:12	119.4
2431.34	16965	01:04:03	
2426.88		01:03:54	119.4
2416.28		01:03:45	
2405.99		01:03:36	119.4
2386.88	16965	01:03:27	
2365.24		01:03:18	119.4
2331.42		01:03:09	
2279.36	16965	01:03:00	119.4
2172.86		01:02:51	
2050.09		01:02:42	119.4
2056.13	16965	01:02:33	

2429.73	16965	01:02:24	119.5
2432.46		01:02:15	
2432.86	16380	01:02:06	119.5
2433.67		01:01:57	
2433.41		01:01:48	119.5
2434.30		01:01:39	
2435.74	16380	01:01:30	119.5
2438.64		01:01:21	
2436.48		01:01:12	119.5
2433.27	16380	01:01:03	
2405.41		01:00:54	119.5
2394.71		01:00:45	
2424.72	15795	01:00:36	119.5
2423.15		01:00:27	
2414.00		01:00:18	119.5
2409.92		01:00:09	
2403.39	15795	01:00:00	119.5
2392.26		00:59:51	
2372.33		00:59:42	119.5
2341.15	15795	00:59:33	
2293.08		00:59:24	119.5
2208.23		00:59:15	
2078.96	15795	00:59:06	119.5
2034.39		00:58:57	
2427.65		00:58:48	119.6
2429.84		00:58:39	
2434.08	15210	00:58:30	119.6
2434.80		00:58:21	
2430.21		00:58:12	119.6
2434.05	15210	00:58:03	
2445.48		00:57:54	119.6
2447.78		00:57:45	
2450.79	15210	00:57:36	119.6
2451.96		00:57:27	
2443.39		00:57:18	119.6
2419.09		00:57:09	
2452.18	14625	00:57:00	119.6
2442.36		00:56:51	
2443.30		00:56:42	119.6
2443.11	14625	00:56:33	
2441.85		00:56:24	119.6
2428.24		00:56:15	
2408.14	14625	00:56:06	119.6
2365.61		00:55:57	
2302.16		00:55:48	119.6
2224.05		00:55:39	
2082.58	14625	00:55:30	119.6
2038.21		00:55:21	
2406.33		00:55:12	119.7
2406.44	14040	00:55:03	
2402.28		00:54:54	119.7
2409.23		00:54:45	
2408.60	14040	00:54:36	119.7
2406.35		00:54:27	
2414.33		00:54:18	119.7
2417.61		00:54:09	
2421.00	14040	00:54:00	119.7
2429.07		00:53:51	
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2402.08		00:53:24	119.7
2404.23		00:53:15	
2402.20	13455	00:53:06	119.7
2400.80		00:52:57	
2392.91		00:52:48	119.8
2390.55		00:52:39	
2394.16	13455	00:52:30	119.7
2370.76		00:52:21	
2351.23		00:52:12	119.7
2305.66	13455	00:52:03	
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2098.49		00:51:45	
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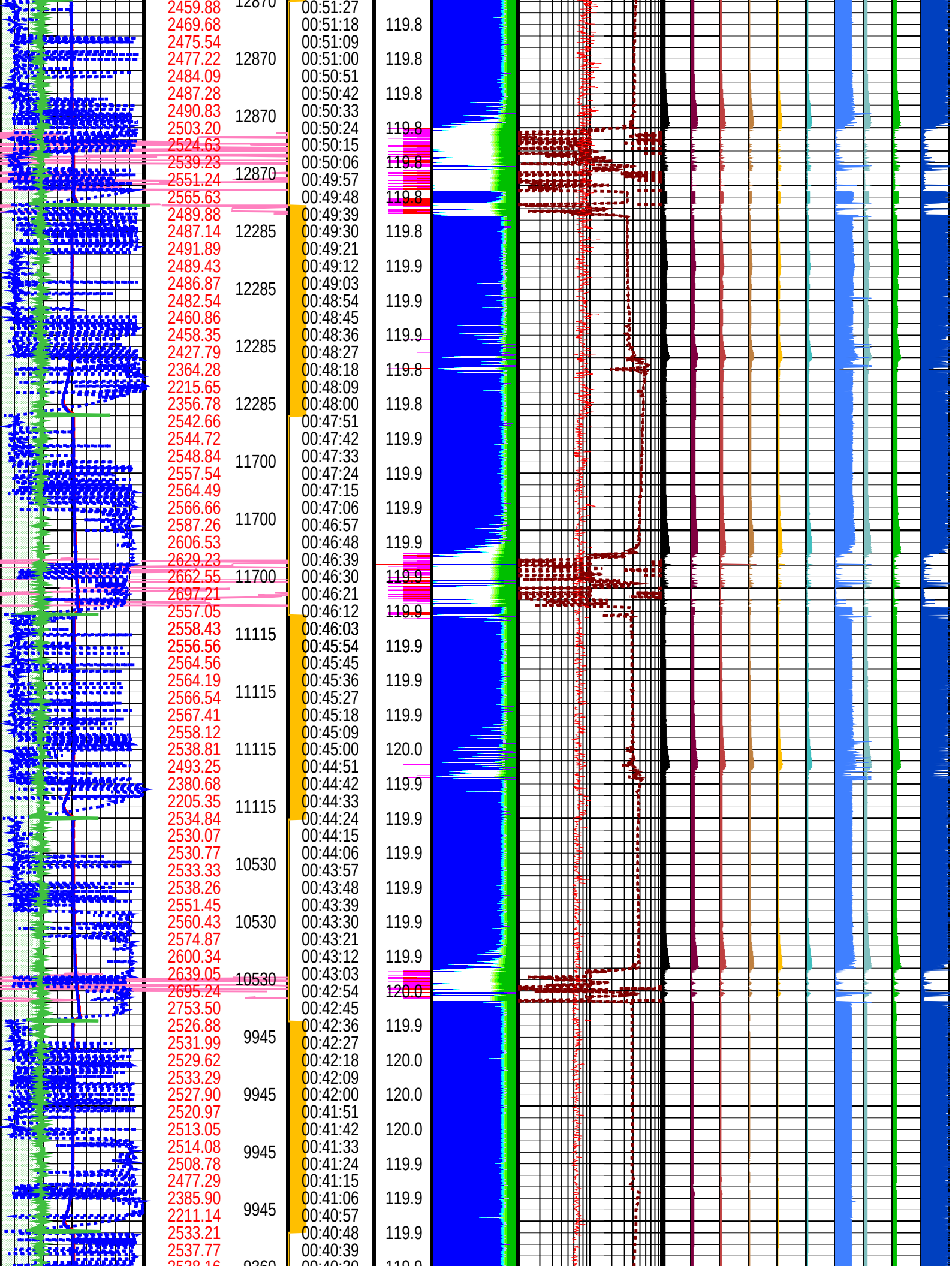

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2484.09		00:50:51	
2487.28		00:50:42	119.8
2490.83	12870	00:50:33	
2503.20		00:50:24	119.8
2524.63		00:50:15	
2539.23		00:50:06	119.8
2551.24	12870	00:49:57	
2565.63		00:49:48	119.8
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2487.14	12285	00:49:30	119.8
2491.89		00:49:21	
2489.43		00:49:12	119.9
2486.87	12285	00:49:03	
2482.54		00:48:54	119.9
2460.86		00:48:45	
2458.35		00:48:36	119.9
2427.79	12285	00:48:27	
2364.28		00:48:18	119.8
2215.65		00:48:09	
2356.78	12285	00:48:00	119.8
2542.66		00:47:51	
2544.72		00:47:42	119.9
2548.84	11700	00:47:33	
2557.54		00:47:24	119.9
2564.49		00:47:15	
2566.66		00:47:06	119.9
2587.26	11700	00:46:57	
2606.53		00:46:48	119.9
2629.23		00:46:39	
2662.55	11700	00:46:30	119.9
2697.21		00:46:21	
2557.05		00:46:12	119.9
2558.43	11115	00:46:03	
2556.56		00:45:54	119.9
2564.56		00:45:45	
2564.19		00:45:36	119.9
2566.54	11115	00:45:27	
2567.41		00:45:18	119.9
2558.12		00:45:09	
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2380.68		00:44:42	119.9
2205.35	11115	00:44:33	
2534.84		00:44:24	119.9
2530.07		00:44:15	
2530.77		00:44:06	119.9
2533.33	10530	00:43:57	
2538.26		00:43:48	119.9
2551.45		00:43:39	
2560.43	10530	00:43:30	119.9
2574.87		00:43:21	
2600.34		00:43:12	119.9
2639.05	10530	00:43:03	
2695.24		00:42:54	120.0
2753.50		00:42:45	
2526.88		00:42:36	119.9
2531.99	9945	00:42:27	
2529.62		00:42:18	120.0
2533.29		00:42:09	
2527.90	9945	00:42:00	120.0
2520.97		00:41:51	
2513.05		00:41:42	120.0
2514.08	9945	00:41:33	
2508.78		00:41:24	119.9
2477.29		00:41:15	
2385.90		00:41:06	119.9
2211.14	9945	00:40:57	
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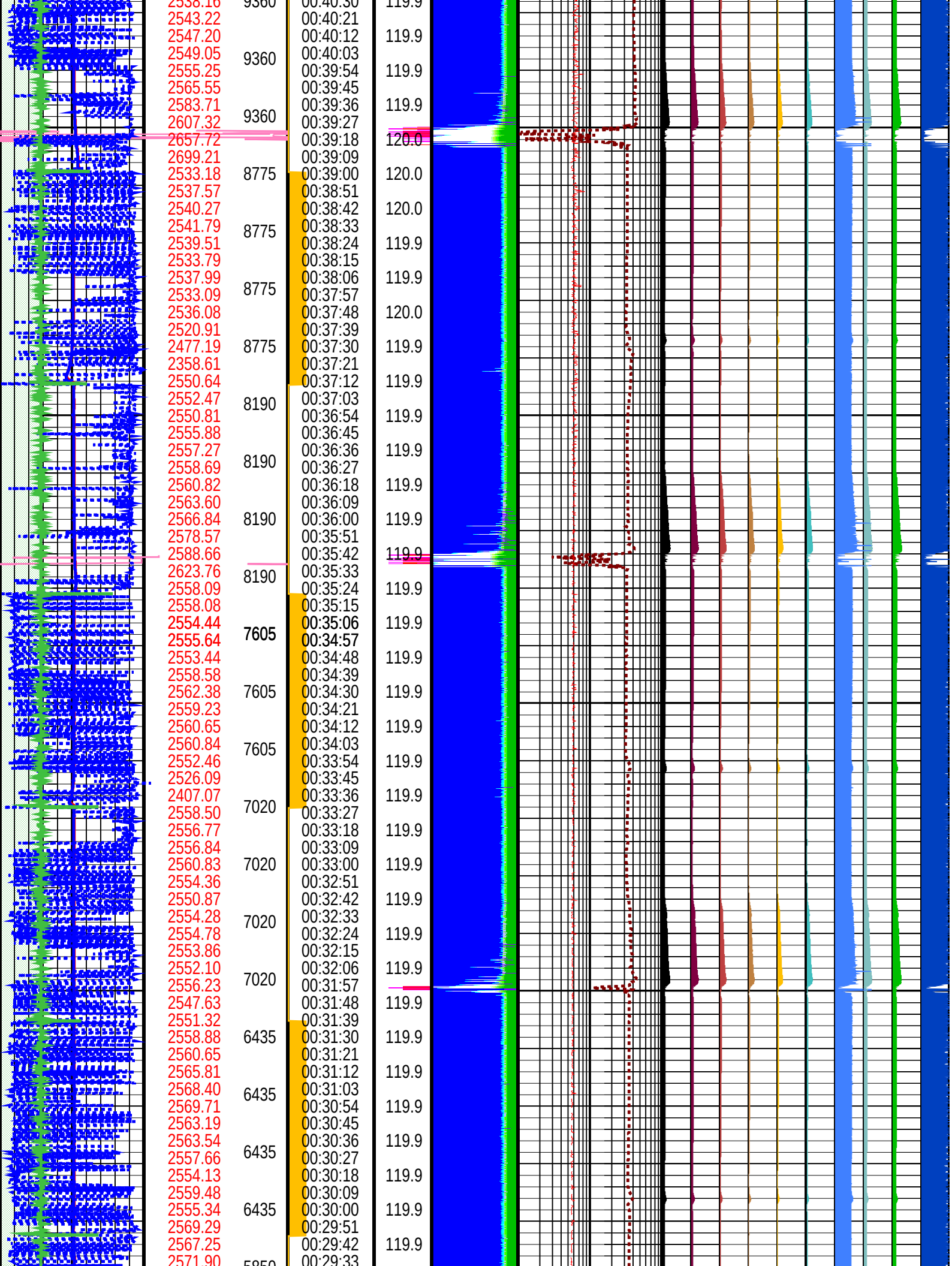
2537.77		00:40:39	
2538.16	9260	00:40:30	119.9



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2543.22		00:40:21	
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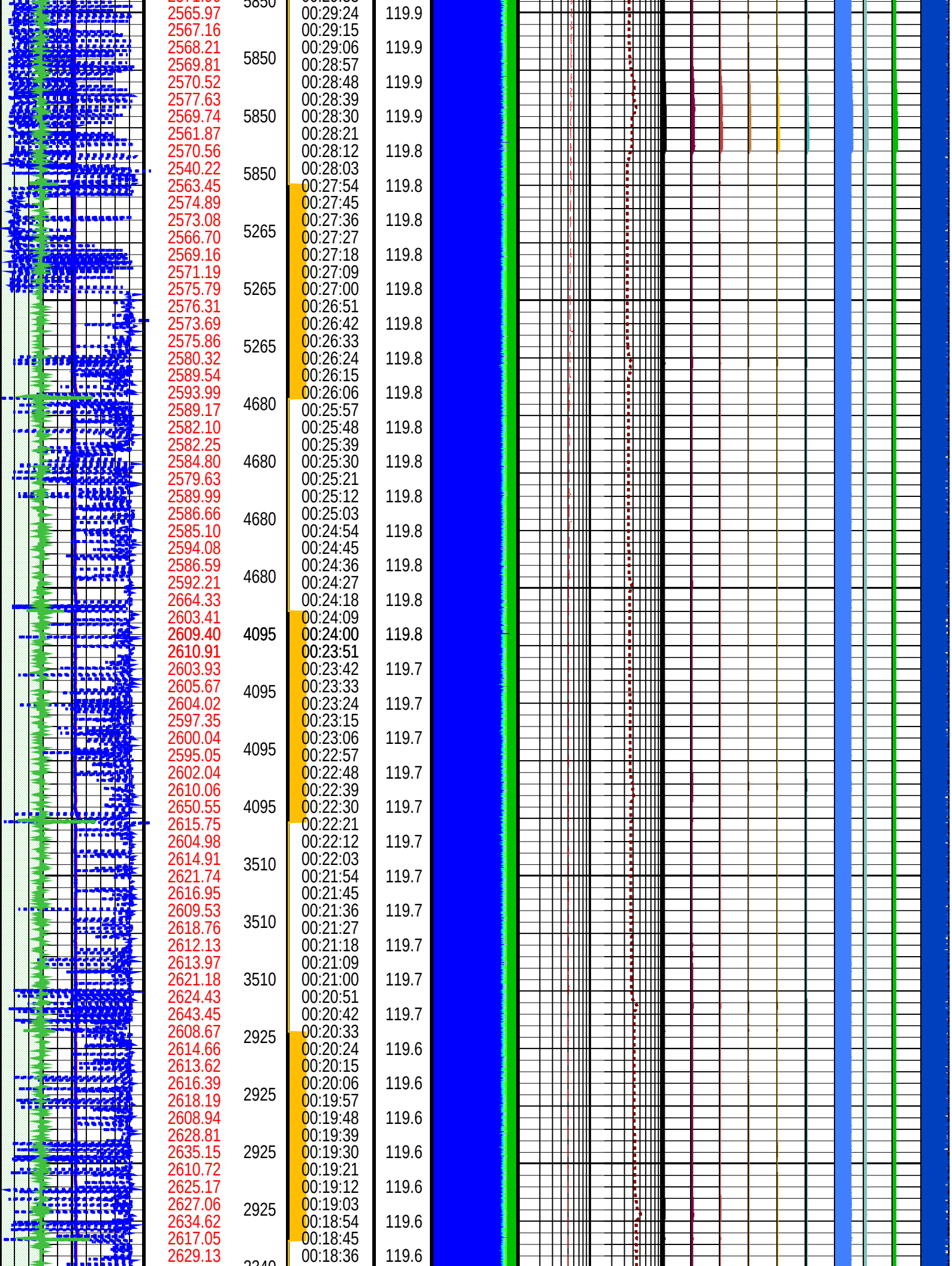
2549.05	9360	00:40:03	
2555.25		00:39:54	119.9
2565.55		00:39:45	
2583.71	9360	00:39:36	119.9
2607.32		00:39:27	
2657.72		00:39:18	120.0
2699.21		00:39:09	
2533.18	8775	00:39:00	120.0
2537.57		00:38:51	
2540.27		00:38:42	120.0
2541.79	8775	00:38:33	
2539.51		00:38:24	119.9
2533.79		00:38:15	
2537.99	8775	00:38:06	119.9
2533.09		00:37:57	
2536.08		00:37:48	120.0
2520.91		00:37:39	
2477.19	8775	00:37:30	119.9
2358.61		00:37:21	
2550.64		00:37:12	119.9
2552.47	8190	00:37:03	
2550.81		00:36:54	119.9
2555.88		00:36:45	
2557.27	8190	00:36:36	119.9
2558.69		00:36:27	
2560.82		00:36:18	119.9
2563.60		00:36:09	
2566.84	8190	00:36:00	119.9
2578.57		00:35:51	
2588.66		00:35:42	119.9
2623.76	8190	00:35:33	
2558.09		00:35:24	119.9
2558.08		00:35:15	
2554.44	7605	00:35:06	119.9
2555.64		00:34:57	
2553.44		00:34:48	119.9
2558.58		00:34:39	
2562.38	7605	00:34:30	119.9
2559.23		00:34:21	
2560.65		00:34:12	119.9
2560.84	7605	00:34:03	
2552.46		00:33:54	119.9
2526.09		00:33:45	
2407.07	7020	00:33:36	119.9
2558.50		00:33:27	
2556.77		00:33:18	119.9
2556.84		00:33:09	
2560.83	7020	00:33:00	119.9
2554.36		00:32:51	
2550.87		00:32:42	119.9
2554.28	7020	00:32:33	
2554.78		00:32:24	119.9
2553.86		00:32:15	
2552.10	7020	00:32:06	119.9
2556.23		00:31:57	
2547.63		00:31:48	119.9
2551.32		00:31:39	
2558.88	6435	00:31:30	119.9
2560.65		00:31:21	
2565.81		00:31:12	119.9
2568.40	6435	00:31:03	
2569.71		00:30:54	119.9
2563.19		00:30:45	
2563.54	6435	00:30:36	119.9
2557.66		00:30:27	
2554.13		00:30:18	119.9
2559.48		00:30:09	
2555.34	6435	00:30:00	119.9
2569.29		00:29:51	
2567.25		00:29:42	119.9
2571.90	5850	00:29:33	



2565.97	5850	00:29:24	119.9
2567.16		00:29:15	
2568.21	5850	00:29:06	119.9
2569.81		00:28:57	
2570.52		00:28:48	119.9
2577.63		00:28:39	
2569.74	5850	00:28:30	119.9
2561.87		00:28:21	
2570.56		00:28:12	119.8
2540.22	5850	00:28:03	
2563.45		00:27:54	119.8
2574.89		00:27:45	
2573.08	5265	00:27:36	119.8
2566.70		00:27:27	
2569.16		00:27:18	119.8
2571.19		00:27:09	
2575.79	5265	00:27:00	119.8
2576.31		00:26:51	
2573.69		00:26:42	119.8
2575.86	5265	00:26:33	
2580.32		00:26:24	119.8
2589.54		00:26:15	
2593.99	4680	00:26:06	119.8
2589.17		00:25:57	
2582.10		00:25:48	119.8
2582.25		00:25:39	
2584.80	4680	00:25:30	119.8
2579.63		00:25:21	
2589.99		00:25:12	119.8
2586.66	4680	00:25:03	
2585.10		00:24:54	119.8
2594.08		00:24:45	
2586.59	4680	00:24:36	119.8
2592.21		00:24:27	
2664.33		00:24:18	119.8
2603.41		00:24:09	
2609.40	4095	00:24:00	119.8
2610.91		00:23:51	
2603.93		00:23:42	119.7
2605.67	4095	00:23:33	
2604.02		00:23:24	119.7
2597.35		00:23:15	
2600.04	4095	00:23:06	119.7
2595.05		00:22:57	
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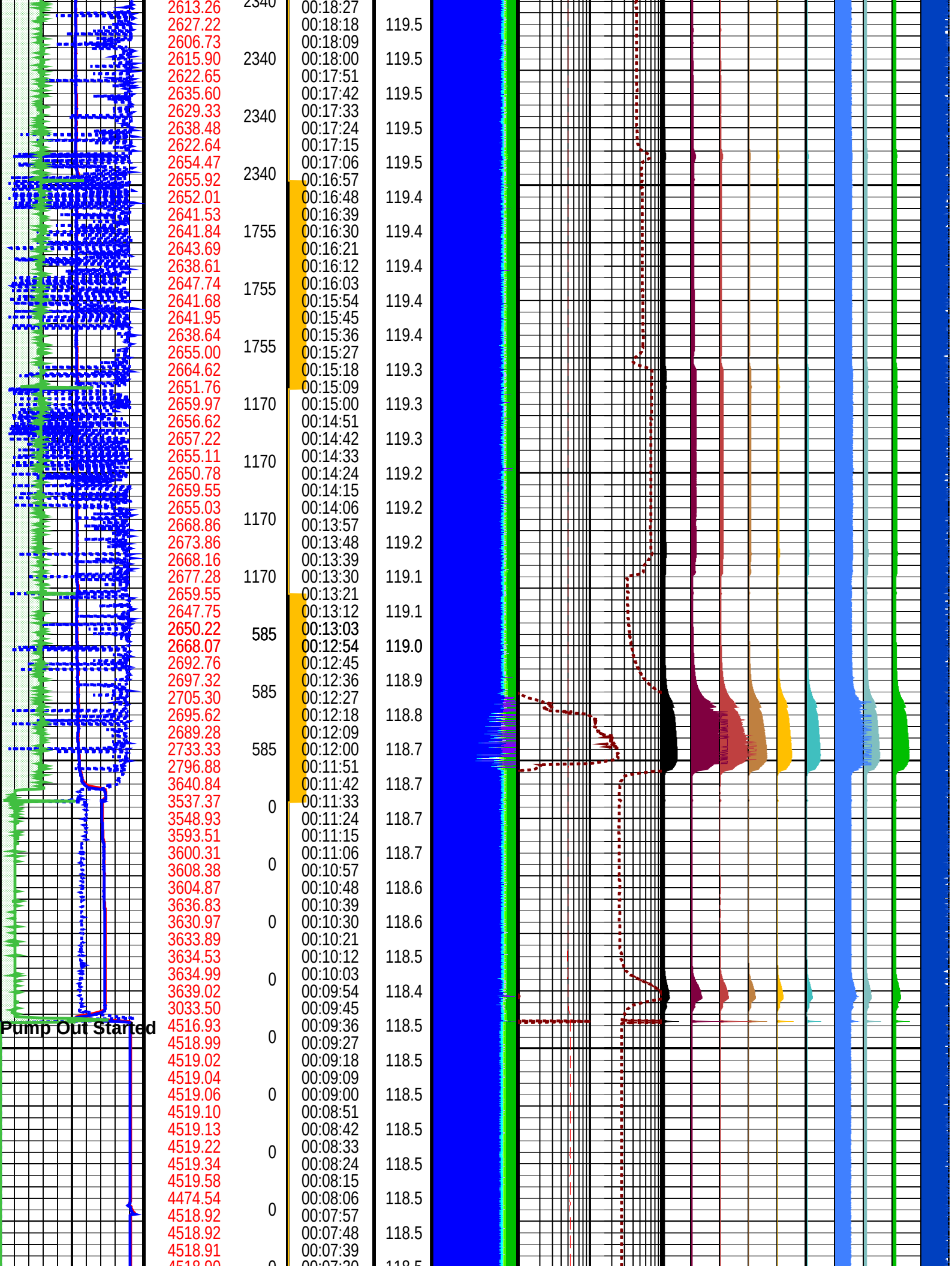
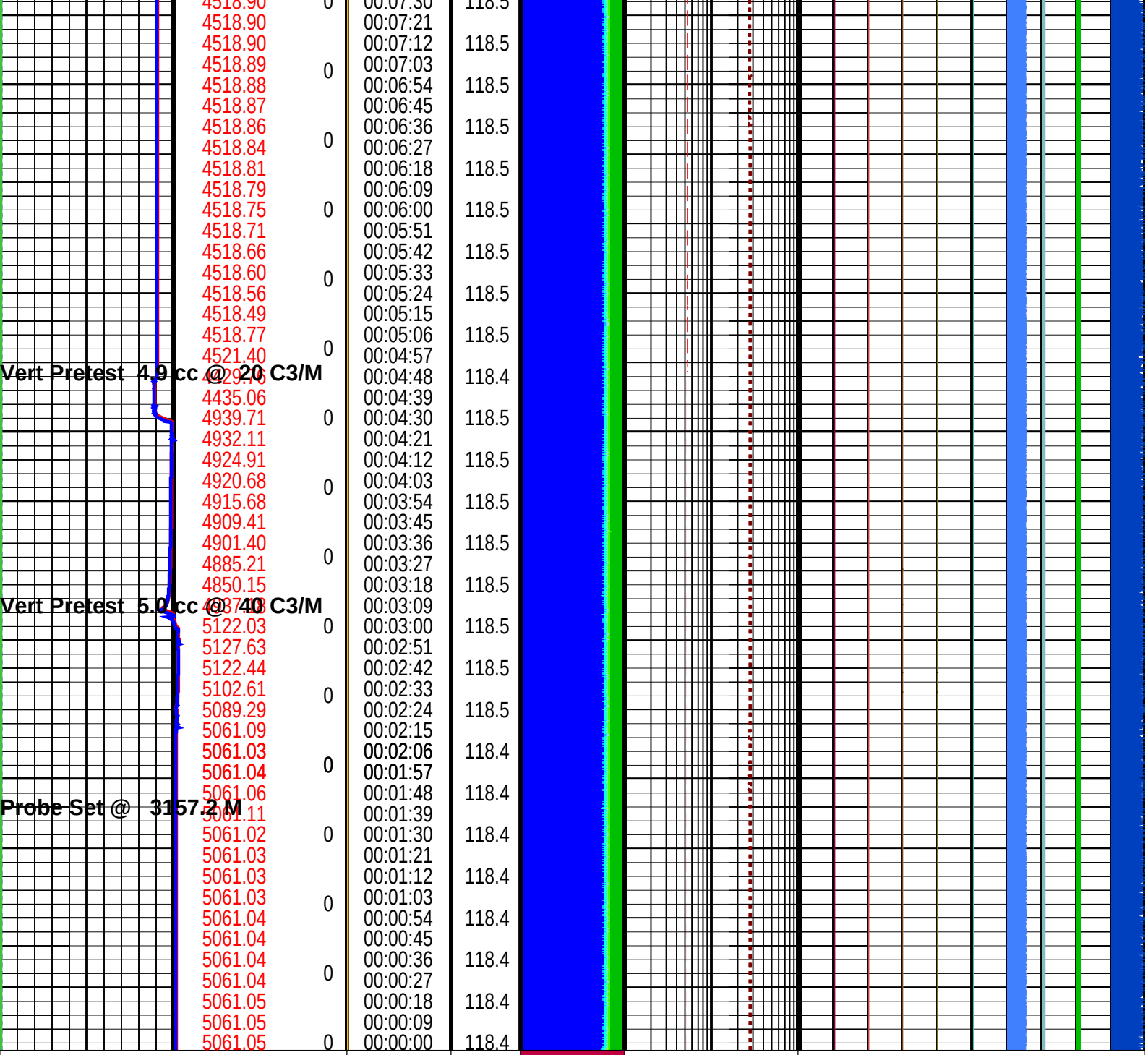
2650.55	4095	00:22:30	119.7
2615.75		00:22:21	
2604.98		00:22:12	119.7
2614.91	3510	00:22:03	
2621.74		00:21:54	119.7
2616.95		00:21:45	
2609.53	3510	00:21:36	119.7
2618.76		00:21:27	
2612.13		00:21:18	119.7
2613.97		00:21:09	
2621.18	3510	00:21:00	119.7
2624.43		00:20:51	
2643.45		00:20:42	119.7
2608.67	2925	00:20:33	
2614.66		00:20:24	119.6
2613.62		00:20:15	
2616.39	2925	00:20:06	119.6
2618.19		00:19:57	
2608.94		00:19:48	119.6
2628.81		00:19:39	
2635.15	2925	00:19:30	119.6
2610.72		00:19:21	
2625.17		00:19:12	119.6
2627.06	2925	00:19:03	
2634.62		00:18:54	119.6
2617.05		00:18:45	
2629.13		00:18:36	119.6


Pump Out Started



LFA GOR (GOR_LFA) 0 (F3/B) 5000	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 5	Low Gas	Water	LFA Fluid Coloration (FCOL_LFA) 0.0001 (---- 0.01	LFA Optical Density Channel 1 (FAOD_LFA[1]) −4 (---- 36
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000		Medium Gas	Oil	MRPS 1 Flowline Fluid Resistivity (BFR1) 0.01 (OHMM) 1	LFA Optical Density Channel 2 (FAOD_LFA[2]) −8 (---- 32
MRPOUD Motor Speed (POUDMS) 0 (RPM) 5000		High Gas			LFA Optical Density Channel 3 (FAOD_LFA[3]) −12 (---- 28
MRPOUD Hydraulic Pressure					LFA Optical Density Channel 4 (FAOD_

MRPOUD Hydraulic Pressure (POUDHP)	LFA Optical Density Channel 4 (FAOD_LFA[4])
0 (PSIG) 5000	−16 (---- 24
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	LFA Optical Density Channel 5 (FAOD_LFA[5])
	−20 (---- 20
MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)	LFA Optical Density Channel 6 (FAOD_LFA[6])
	−24 (---- 16
	LFA Optical Density Channel 7 (FAOD_LFA[7])
	−28 (---- 12
	LFA Optical Density Channel 8 (FAOD_LFA[8])
	−32 (---- 8
	LFA Optical Density Channel 9 (FAOD_LFA[9])
	−36 (---- 4

Parameters

DLIS Name	Description	Value	
MRPS_1: Single Probe Module (MRPS) 1			
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
LFA: Live Fluid Analyzer			
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
MRPC−CA: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	RECOMPUTE	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:27

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

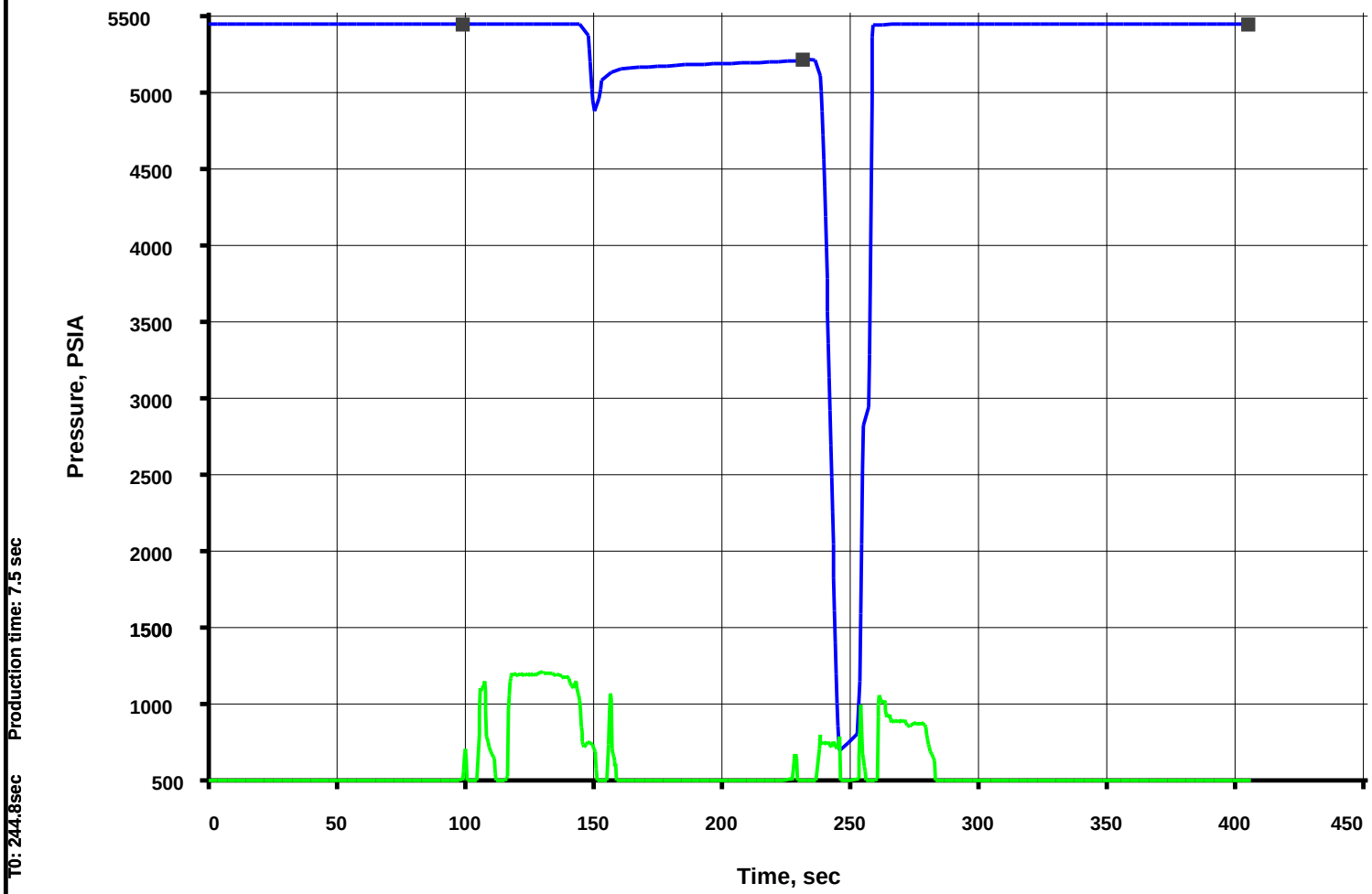
DEFAULT	MDT_OFA_279LTP	FN:435	PRODUCER	02−Dec−2004 11:12	3157.2 M	20.5 M

Output DLIS Files

DEFAULT	MDT_OFA_081PTP	FN:80	PRODUCER	06−Dec−2004 12:27

File 272 Depth, M: 3388.50 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	5420.89
Mud Pressure after test, PSIA:	5420.49
Last build−up pressure, PSIA:	5194.92



Pretest Volume: 4.0 cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_272LTP	FN:421	PRODUCER	29−Nov−2004 15:33	3388.5 M	1.1 M
BACKUP	MDT_OFA_272LTP	FN:422	PRODUCER	29−Nov−2004 15:33	3388.5 M	1.1 M

Elapsed Time (s)	Event Summary
255.3	Retract Single Probe Module (MRPS) 1
232.5	Vert Pretest 4.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
111.9	Probe Set @ 3388.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

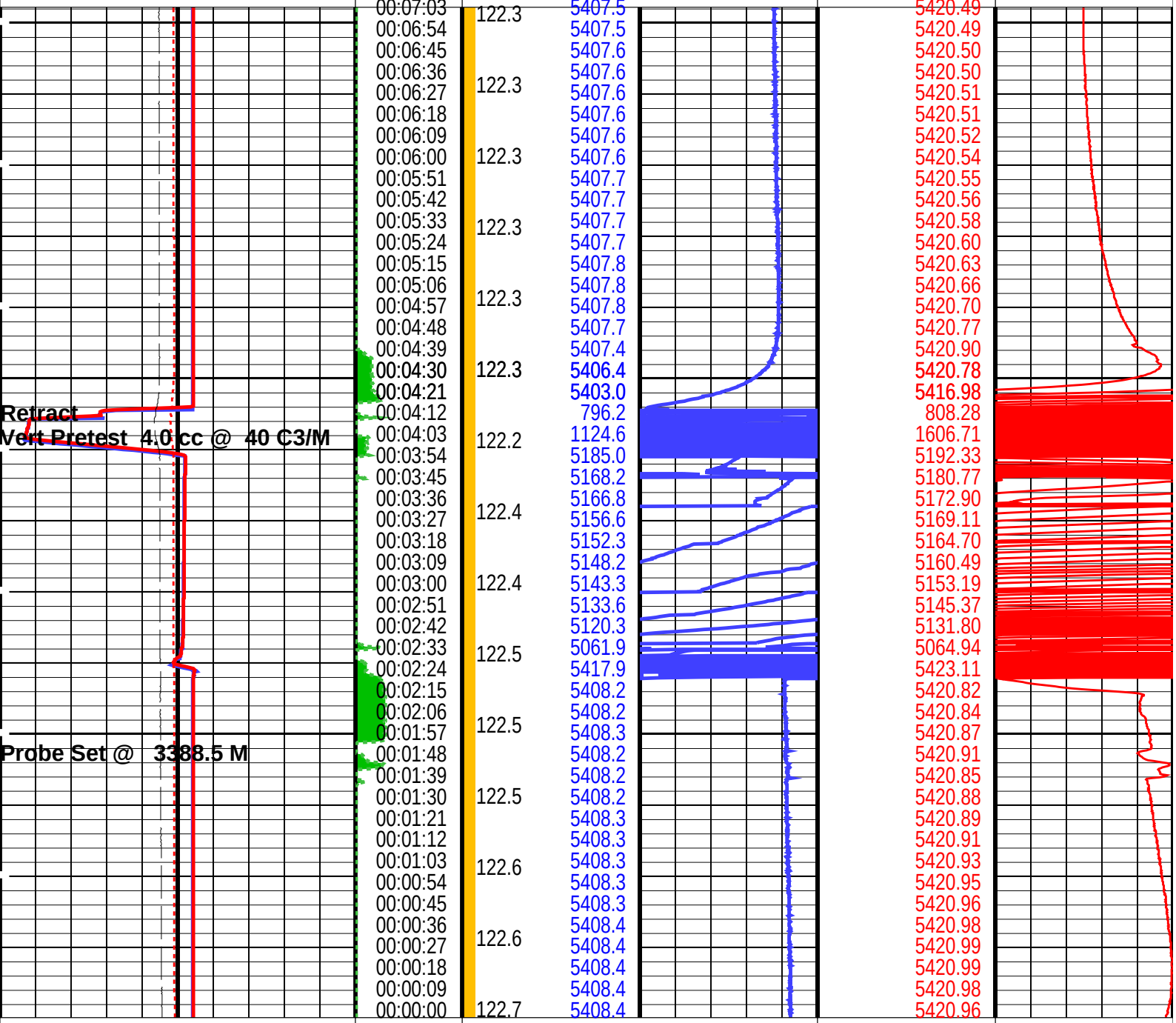
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:07:03	122.3	5407.5	5420.49
00:06:54		5407.5	5420.49
00:06:45		5407.6	5420.50
00:06:36		5407.6	5420.50
00:06:27	122.3	5407.6	5420.51
00:06:18		5407.6	5420.51
00:06:09		5407.6	5420.52
00:06:00	122.3	5407.6	5420.54
00:05:51		5407.7	5420.55
00:05:42		5407.7	5420.56
00:05:33	122.3	5407.7	5420.58
00:05:24		5407.7	5420.60
00:05:15		5407.8	5420.63
00:05:06		5407.8	5420.66
00:04:57	122.3	5407.8	5420.70
00:04:48		5407.7	5420.77
00:04:39		5407.4	5420.90
00:04:30	122.3	5406.4	5420.78
00:04:21		5403.0	5416.98
00:04:12		796.2	808.28
00:04:03	122.2	1124.6	1606.71
00:03:54		5185.0	5192.33
00:03:45		5168.2	5180.77
00:03:36		5166.8	5172.90
00:03:27	122.4	5156.6	5169.11
00:03:18		5152.3	5164.70
00:03:09		5148.2	5160.49
00:03:00	122.4	5143.3	5153.19
00:02:51		5133.6	5145.37
00:02:42		5120.3	5131.80
00:02:33	122.5	5061.9	5064.94
00:02:24		5417.9	5423.11
00:02:15		5408.2	5420.82
00:02:06		5408.2	5420.84
00:01:57	122.5	5408.3	5420.87
00:01:48		5408.2	5420.91
00:01:39		5408.2	5420.85
00:01:30	122.5	5408.2	5420.88
00:01:21		5408.3	5420.89
00:01:12		5408.3	5420.91
00:01:03	122.6	5408.3	5420.93
00:00:54		5408.3	5420.95
00:00:45		5408.3	5420.96
00:00:36		5408.4	5420.98
00:00:27	122.6	5408.4	5420.99
00:00:18		5408.4	5420.99
00:00:09		5408.4	5420.98
00:00:00	122.7	5408.4	5420.96

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1

MRHY 1

MRPS 1 Strain

MRPS 1 Quartz Gauge Pressure (BQP1)	Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10
MRPS 1 Resistivity Cell Temperature (B1TR)		MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)	
100 (DEGC) 150			
MRPS 1 Quartz Gauge Temperature (BQT1)			
100 (DEGC) 150			

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 15:33

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_272LTP	FN:421	PRODUCER	29−Nov−2004 15:33
BACKUP	MDT_OFA_272LTP	FN:422	PRODUCER	29−Nov−2004 15:33

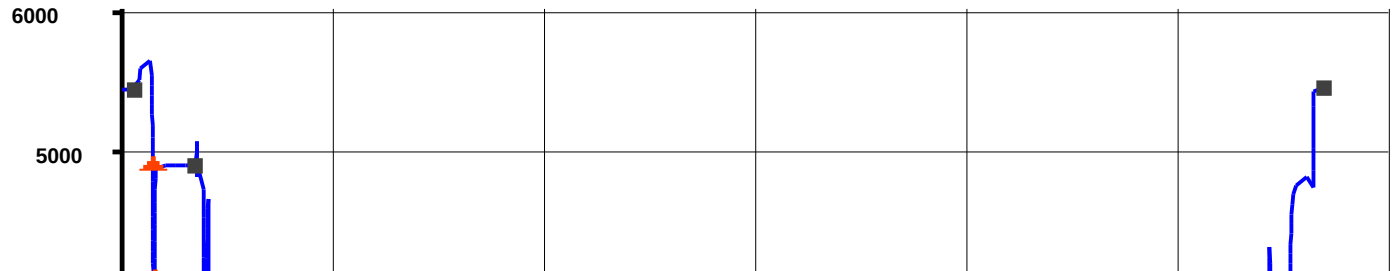
Schlumberger

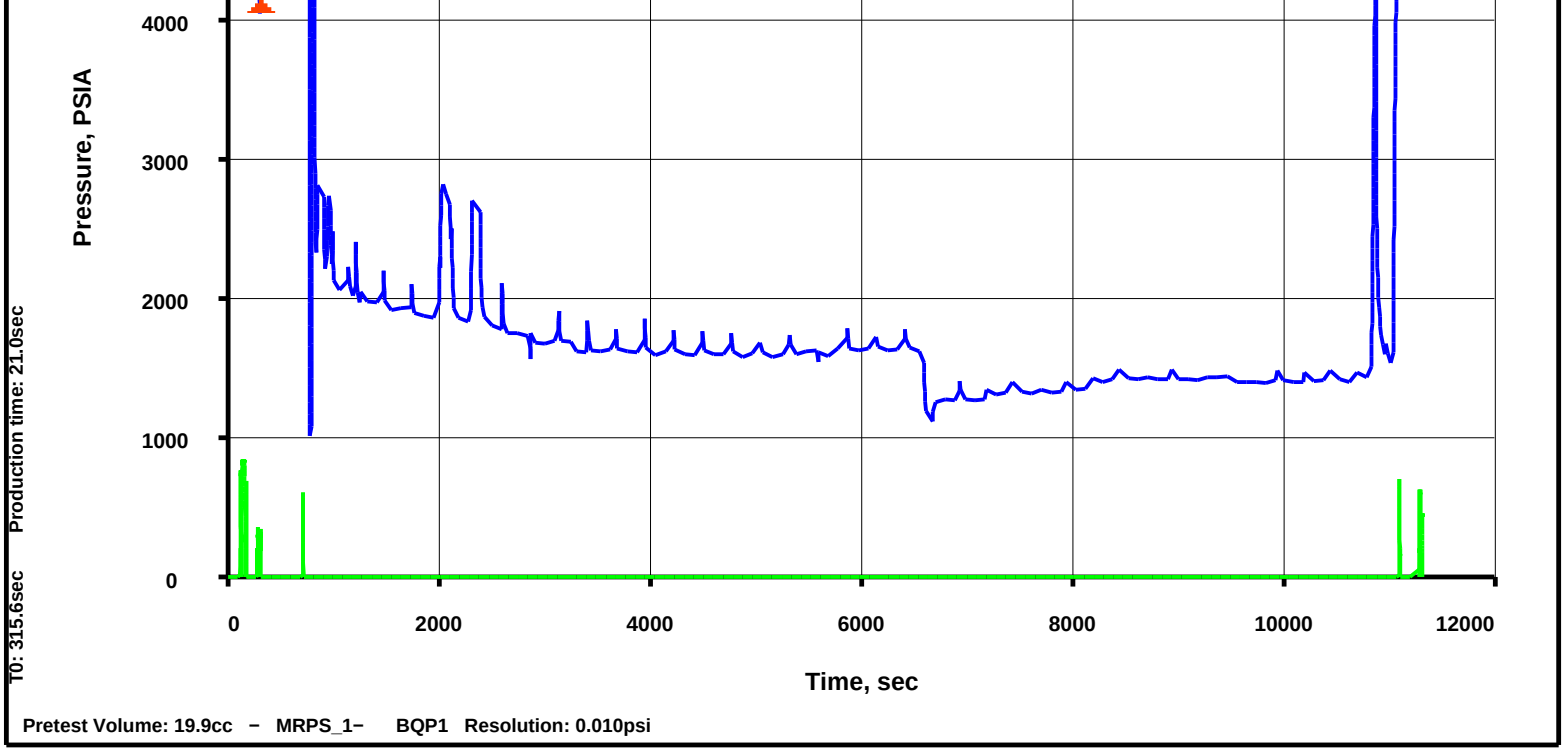
Sample @ 3388.7 mMD

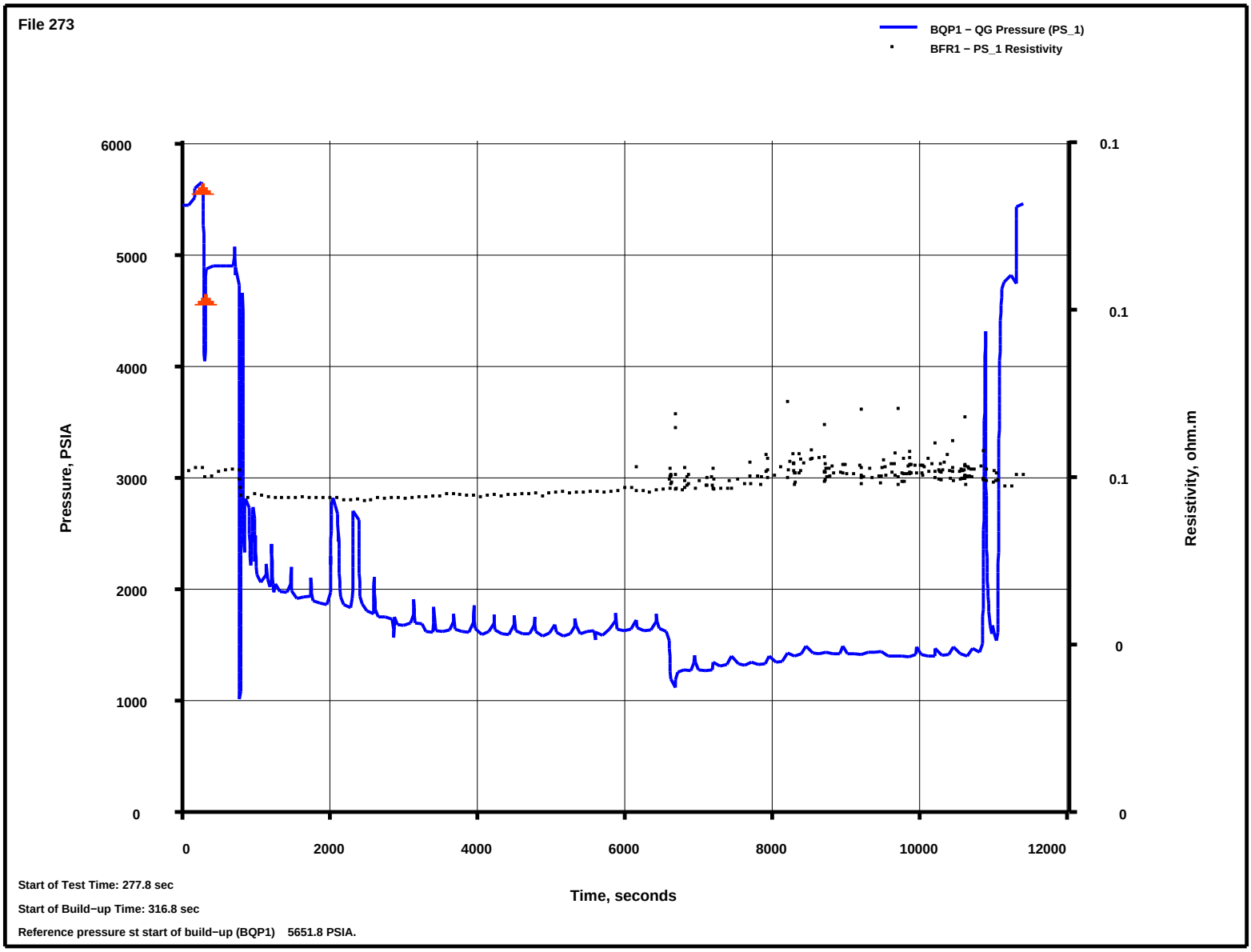
MAXIS Field Log

File 273 Depth, M: 3388.67 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5420.98
Mud Pressure after test, PSIA:	5433.2
Last build−up pressure, PSIA:	4879.49
Draw−down mobility, md/cp:	2.7







Input DLIS Files

DEFAULT	MDT_OFA_273LTP	FN:423	PRODUCER	02−Dec−2004 11:11	3388.7 M	29.0 M

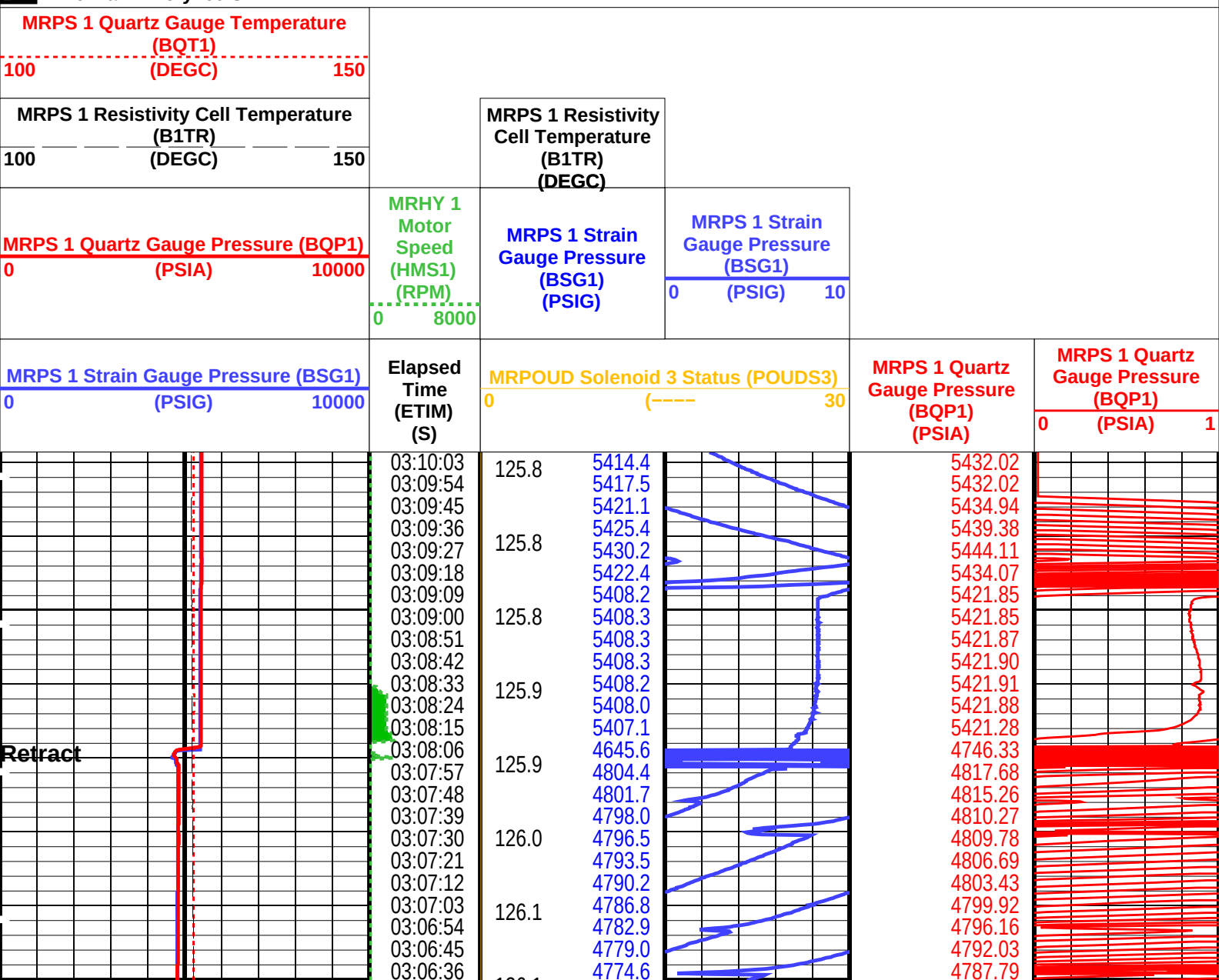
Output DLIS Files

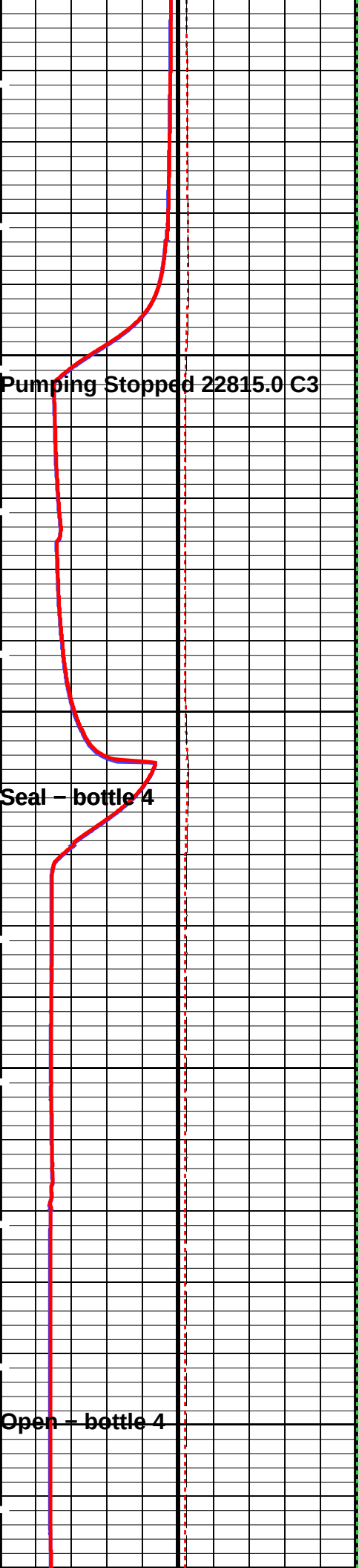
DEFAULT MDT_OFA_080PTP FN:79 PRODUCER 06−Dec−2004 12:23 3388.7 M 29.0 M

Elapsed Time (s)	Event Summary
11288.1	Retract Single Probe Module (MRPS) 1
11034.3	Pumping Stopped 22815.0 C3 Dual Up−down Pumpout Module (MRPOUD)
10860.6	Seal Multi−Sample Module (MRMS) 1, bottle 4
10597.8	Open Multi−Sample Module (MRMS) 1, bottle 4, sample number = 1
818.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
793.2	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
768.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
277.8	Vert Pretest 19.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
131.4	Probe Set @ 3388.7 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

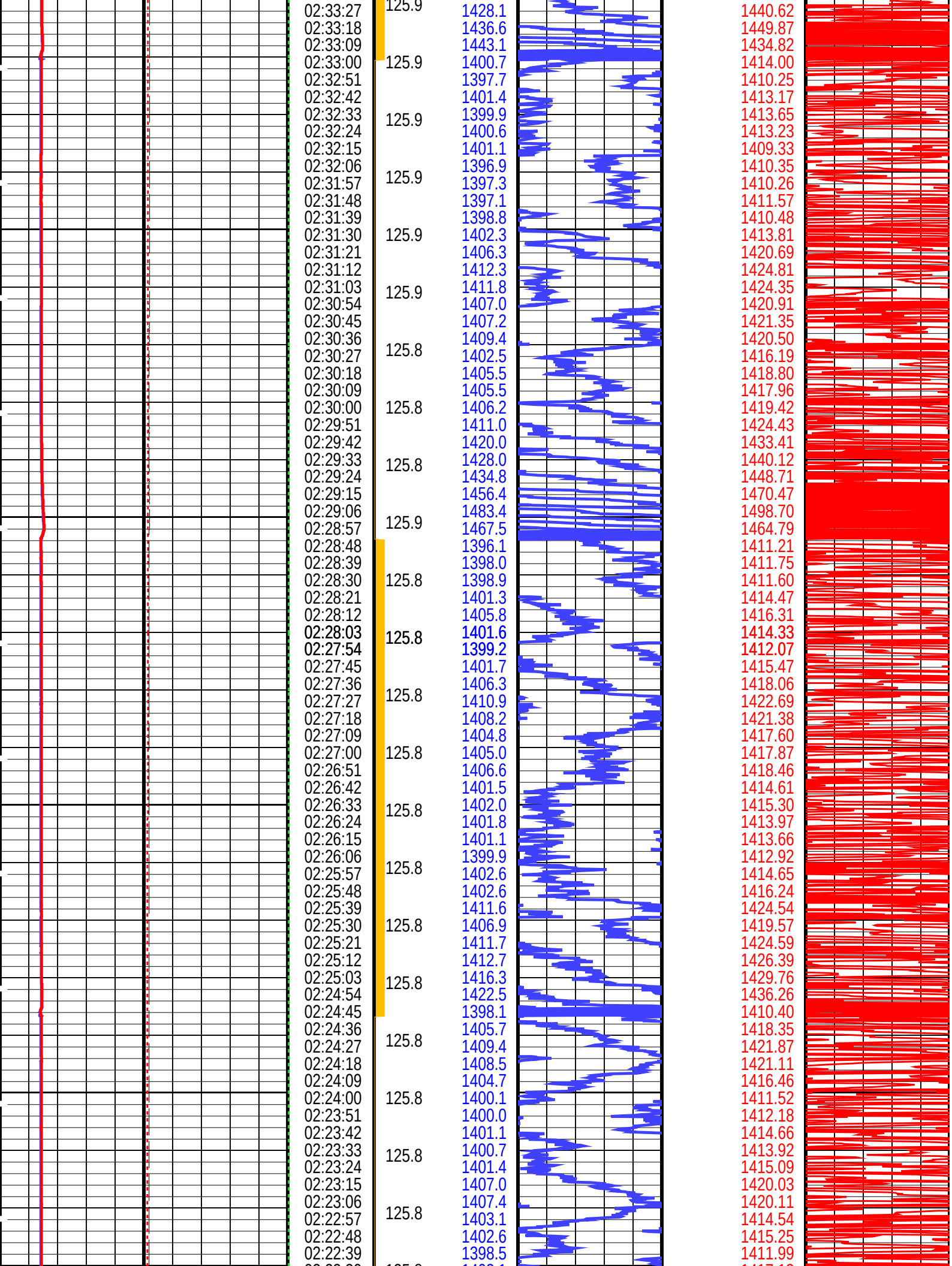




03:06:27	126.1	4769.9	4783.08
03:06:18		4764.8	4777.96
03:06:09		4759.3	4772.45
03:06:00	126.2	4753.3	4766.35
03:05:51		4746.7	4759.60
03:05:42		4739.2	4752.14
03:05:33	126.3	4730.8	4743.65
03:05:24		4721.0	4733.69
03:05:15		4709.2	4721.64
03:05:06		4695.1	4707.77
03:04:57	126.3	4667.7	4681.24
03:04:48		4591.5	4600.53
03:04:39		4498.4	4501.83
03:04:30	126.4	4305.8	4299.61
03:04:21		3901.8	3871.18
03:04:12		3155.6	3103.50
03:04:03	126.1	2227.3	2169.67
03:03:54		1489.0	1503.52
03:03:45		1499.3	1511.88
03:03:36		1517.3	1530.38
03:03:27	126.0	1533.5	1546.16
03:03:18		1555.1	1570.04
03:03:09		1591.1	1607.02
03:03:00	126.0	1633.0	1649.84
03:02:51		1665.4	1673.22
03:02:42		1572.9	1586.56
03:02:33	126.0	1594.6	1607.68
03:02:24		1618.9	1633.34
03:02:15		1655.8	1672.03
03:02:06		1708.9	1725.69
03:01:57	126.0	1767.0	1786.70
03:01:48		1857.4	1876.45
03:01:39		1992.4	2016.97
03:01:30	126.1	2197.9	2229.90
03:01:21		2535.9	2591.90
03:01:12		4297.9	4285.99
03:01:03	126.4	3929.1	3905.91
03:00:54		3296.4	3259.51
03:00:45		2459.8	2407.26
03:00:36		1760.9	1726.44
03:00:27	126.1	1427.0	1441.61
03:00:18		1421.5	1434.38
03:00:09		1424.9	1436.99
03:00:00	126.1	1423.4	1434.54
02:59:51		1420.3	1432.37
02:59:42		1419.4	1428.00
02:59:33	126.1	1415.2	1427.02
02:59:24		1409.6	1421.72
02:59:15		1407.9	1420.50
02:59:06		1407.7	1420.18
02:58:57	126.1	1408.3	1420.20
02:58:48		1411.4	1426.93
02:58:39		1424.1	1437.50
02:58:30	126.1	1432.1	1445.31
02:58:21		1445.6	1460.36
02:58:12		1419.8	1432.73
02:58:03	126.1	1391.3	1404.38
02:57:54		1386.4	1399.22
02:57:45		1385.0	1396.87
02:57:36		1383.3	1396.02
02:57:27	126.1	1382.9	1395.36
02:57:18		1384.7	1397.55
02:57:09		1385.1	1397.06
02:57:00	126.1	1387.0	1398.04
02:56:51		1385.4	1397.73
02:56:42		1383.4	1397.22
02:56:33	126.1	1386.3	1399.00
02:56:24		1386.6	1397.82
02:56:15		1384.6	1396.46
02:56:06		1385.4	1397.79
02:55:57	126.1	1387.5	1400.69
02:55:48		1393.1	1408.11
02:55:39		1402.5	1414.41

02:55:30	126.1	1405.2	1417.75
02:55:21		1403.6	1416.28
02:55:12		1404.2	1416.75
02:55:03	126.1	1404.3	1419.08
02:54:54		1414.1	1429.09
02:54:45		1424.5	1436.30
02:54:36		1429.7	1443.18
02:54:27	126.1	1435.3	1449.93
02:54:18		1448.2	1462.74
02:54:09		1463.4	1478.84
02:54:00	126.1	1450.4	1462.05
02:53:51		1404.6	1417.76
02:53:42		1406.4	1419.06
02:53:33	126.1	1404.6	1417.57
02:53:24		1404.1	1415.14
02:53:15		1398.3	1411.69
02:53:06		1396.0	1407.72
02:52:57	126.1	1391.8	1404.38
02:52:48		1387.1	1398.81
02:52:39		1379.3	1391.55
02:52:30	126.1	1378.1	1390.84
02:52:21		1378.5	1390.25
02:52:12		1378.7	1392.49
02:52:03	126.1	1381.8	1395.66
02:51:54		1382.7	1397.48
02:51:45		1384.9	1396.49
02:51:36		1384.4	1396.64
02:51:27	126.1	1388.5	1401.84
02:51:18		1391.9	1403.13
02:51:09		1394.3	1406.53
02:51:00	126.1	1397.4	1409.29
02:50:51		1399.7	1414.43
02:50:42		1410.5	1424.28
02:50:33	126.1	1417.0	1431.66
02:50:24		1426.0	1440.79
02:50:15		1447.8	1459.22
02:50:06		1457.6	1471.23
02:49:57	126.1	1471.2	1484.85
02:49:48		1406.4	1404.66
02:49:39		1380.3	1394.03
02:49:30	126.0	1378.4	1391.76
02:49:21		1380.9	1393.68
02:49:12		1383.7	1396.64
02:49:03	126.0	1381.6	1394.46
02:48:54		1383.0	1395.60
02:48:45		1382.3	1395.44
02:48:36		1381.0	1393.11
02:48:27	126.0	1376.5	1389.53
02:48:18		1381.0	1393.47
02:48:09		1382.6	1394.59
02:48:00	126.0	1380.0	1392.49
02:47:51		1379.2	1392.77
02:47:42		1384.2	1396.92
02:47:33	126.0	1388.9	1403.31
02:47:24		1390.9	1405.09
02:47:15		1389.3	1401.90
02:47:06		1383.5	1396.54
02:46:57	126.0	1381.8	1395.38
02:46:48		1390.9	1406.17
02:46:39		1396.0	1409.62
02:46:30	126.0	1403.3	1416.69
02:46:21		1413.2	1427.20
02:46:12		1427.2	1440.55
02:46:03	126.0	1440.3	1454.96
02:45:54		1455.4	1468.54
02:45:45		1470.6	1486.59
02:45:36		1420.2	1411.29
02:45:27	126.0	1394.0	1408.34
02:45:18		1396.6	1408.04
02:45:09		1391.1	1403.68
02:45:00	126.0	1391.7	1404.01
02:44:51		1386.2	1397.70
02:44:42		1383.2	1395.91
02:44:33		1377.2	1389.97

02:44:33	126.0	1377.2	1389.97
02:44:24		1376.5	1388.99
02:44:15		1375.9	1388.79
02:44:06		1374.2	1387.67
02:43:57	126.0	1375.0	1386.64
02:43:48		1377.0	1389.02
02:43:39		1383.1	1395.38
02:43:30	126.0	1386.6	1399.42
02:43:21		1384.2	1396.71
02:43:12		1384.3	1396.15
02:43:03	126.0	1382.9	1394.93
02:42:54		1382.9	1396.61
02:42:45		1386.4	1400.21
02:42:36	126.0	1387.2	1398.81
02:42:27		1380.8	1392.59
02:42:18		1386.7	1399.87
02:42:09		1391.5	1404.32
02:42:00	126.0	1395.4	1407.91
02:41:51		1402.8	1417.45
02:41:42		1414.1	1428.22
02:41:33	126.0	1428.1	1442.17
02:41:24		1381.1	1392.94
02:41:15		1378.5	1392.09
02:41:06	126.0	1378.0	1390.50
02:40:57		1377.9	1390.60
02:40:48		1380.2	1392.62
02:40:39		1380.7	1393.70
02:40:30	126.0	1379.2	1391.44
02:40:21		1378.9	1391.73
02:40:12		1381.5	1394.32
02:40:03	126.0	1381.5	1394.02
02:39:54		1381.1	1394.22
02:39:45		1381.1	1394.21
02:39:36	125.9	1384.0	1394.97
02:39:27		1386.0	1398.79
02:39:18		1385.1	1397.02
02:39:09		1384.2	1396.78
02:39:00	125.9	1386.3	1398.79
02:38:51		1387.5	1401.12
02:38:42		1387.8	1399.28
02:38:33	125.9	1389.3	1403.19
02:38:24		1395.5	1408.39
02:38:15		1398.5	1411.11
02:38:06		1405.6	1418.80
02:37:57	125.9	1410.1	1424.23
02:37:48		1418.3	1431.58
02:37:39		1432.5	1445.60
02:37:30	125.9	1442.6	1459.09
02:37:21		1474.3	1490.30
02:37:12		1397.6	1409.83
02:37:03	125.9	1399.1	1411.90
02:36:54		1404.2	1416.50
02:36:45		1403.6	1416.20
02:36:36		1409.7	1423.17
02:36:27	125.9	1408.2	1420.77
02:36:18		1414.2	1427.41
02:36:09		1415.4	1427.23
02:36:00	125.9	1406.5	1419.03
02:35:51		1406.8	1420.15
02:35:42		1411.5	1424.04
02:35:33	125.9	1413.0	1424.87
02:35:24		1410.9	1423.96
02:35:15		1411.5	1424.48
02:35:06		1409.8	1422.92
02:34:57	125.9	1412.5	1423.44
02:34:48		1410.0	1423.54
02:34:39		1417.6	1429.79
02:34:30	125.9	1419.6	1431.59
02:34:21		1414.6	1429.11
02:34:12		1422.5	1435.57
02:34:03	125.9	1414.0	1428.88
02:33:54		1405.1	1415.87
02:33:45		1412.5	1425.76
02:33:36		1423.0	1435.64



02:33:27	125.9	1428.1	1440.62
02:33:18		1436.6	1449.87
02:33:09		1443.1	1434.82
02:33:00	125.9	1400.7	1414.00
02:32:51		1397.7	1410.25
02:32:42		1401.4	1413.17
02:32:33	125.9	1399.9	1413.65
02:32:24		1400.6	1413.23
02:32:15		1401.1	1409.33
02:32:06		1396.9	1410.35
02:31:57	125.9	1397.3	1410.26
02:31:48		1397.1	1411.57
02:31:39		1398.8	1410.48
02:31:30	125.9	1402.3	1413.81
02:31:21		1406.3	1420.69
02:31:12		1412.3	1424.81
02:31:03	125.9	1411.8	1424.35
02:30:54		1407.0	1420.91
02:30:45		1407.2	1421.35
02:30:36		1409.4	1420.50
02:30:27	125.8	1402.5	1416.19
02:30:18		1405.5	1418.80
02:30:09		1405.5	1417.96
02:30:00	125.8	1406.2	1419.42
02:29:51		1411.0	1424.43
02:29:42		1420.0	1433.41
02:29:33	125.8	1428.0	1440.12
02:29:24		1434.8	1448.71
02:29:15		1456.4	1470.47
02:29:06		1483.4	1498.70
02:28:57	125.9	1467.5	1464.79
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02:28:30	125.8	1398.9	1411.60
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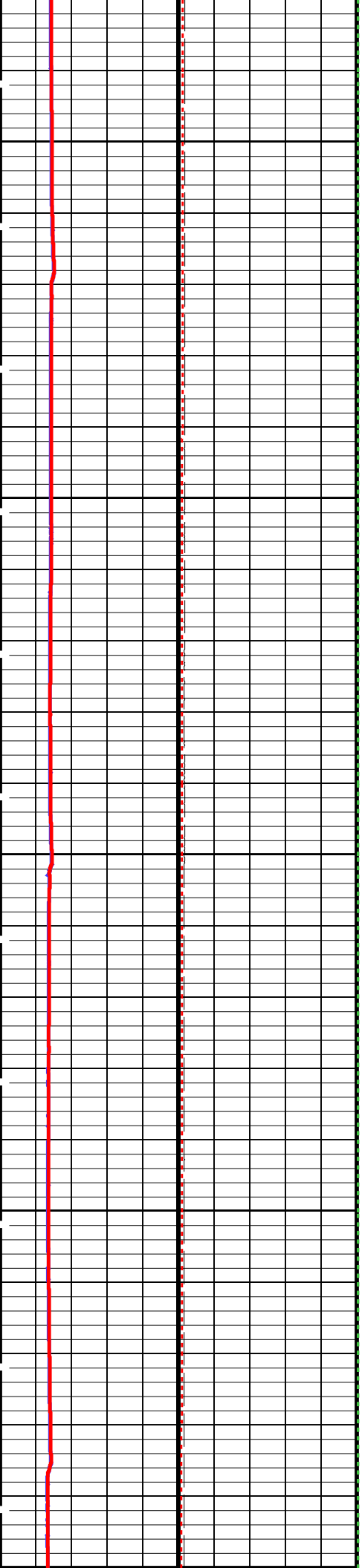

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02:14:42		1330.1	1343.40
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02:12:27	125.7	1388.7	1400.24
02:12:18		1369.1	1376.02
02:12:09		1308.7	1319.36
02:12:00	125.7	1309.5	1322.81
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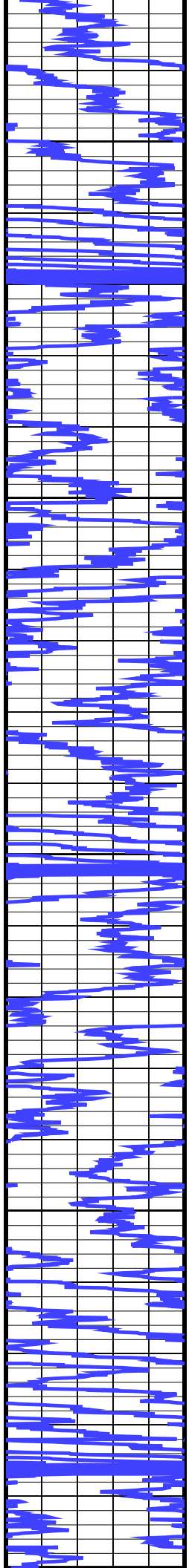

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02:09:18		1306.4	1318.90
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02:02:06		1295.3	1310.20
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02:01:48		1306.4	1318.98
02:01:39		1303.1	1315.07
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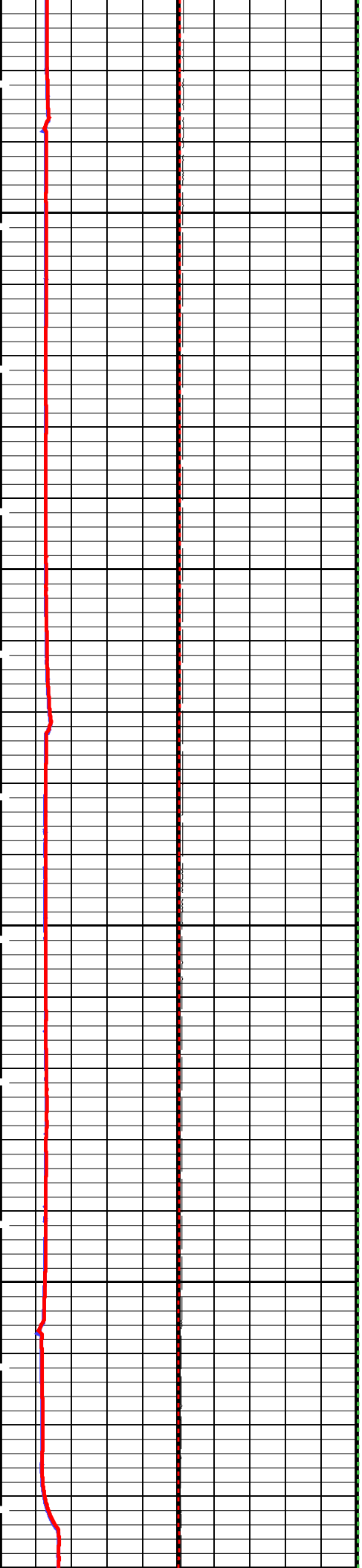

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01:58:39		1270.7	1282.25
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01:54:45		1249.8	1262.72
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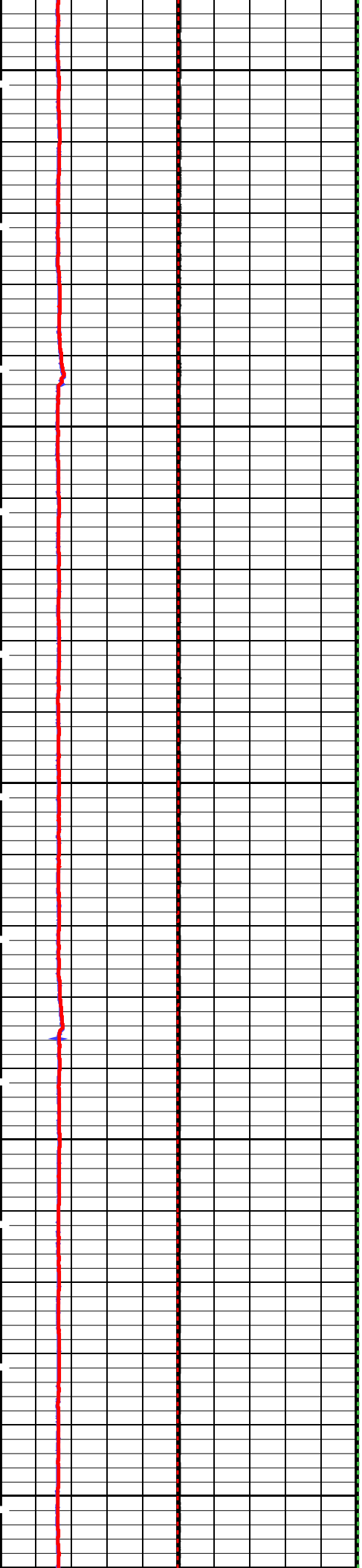

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01:45:45		1611.0	1625.68
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01:44:06	125.2	1627.1	1643.09
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01:41:42		1624.5	1636.68
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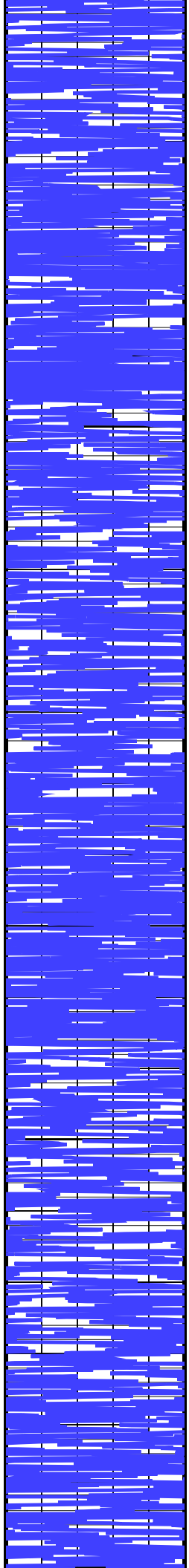

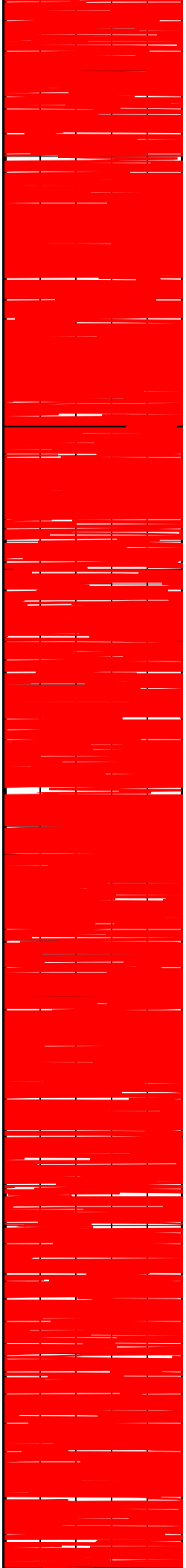

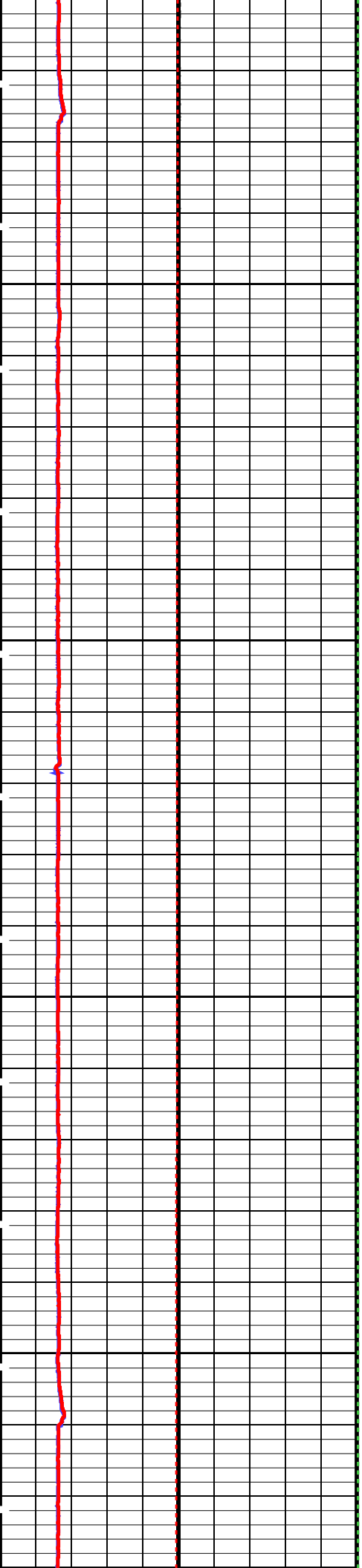

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01:35:51		1596.5	1609.52
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01:32:15		1597.7	1609.16
01:32:06		1604.0	1622.20
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01:31:48		1590.2	1606.09
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01:31:30	125.1	1598.9	1609.69
01:31:21		1596.1	1611.02
01:31:12		1596.5	1609.86
01:31:03	125.1	1608.9	1618.45
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01:29:33	125.0	1610.5	1623.07
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01:28:57	125.0	1623.1	1642.48
01:28:48		1679.5	1690.52
01:28:39		1787.6	1743.42
01:28:30	125.0	1606.8	1615.18
01:28:21		1593.6	1609.82
01:28:12		1611.0	1626.18
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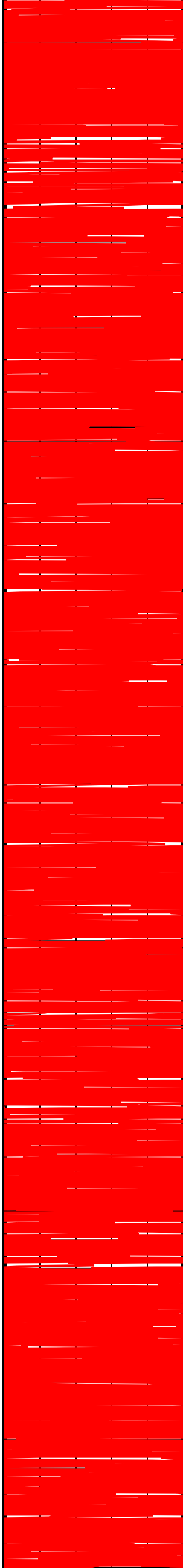

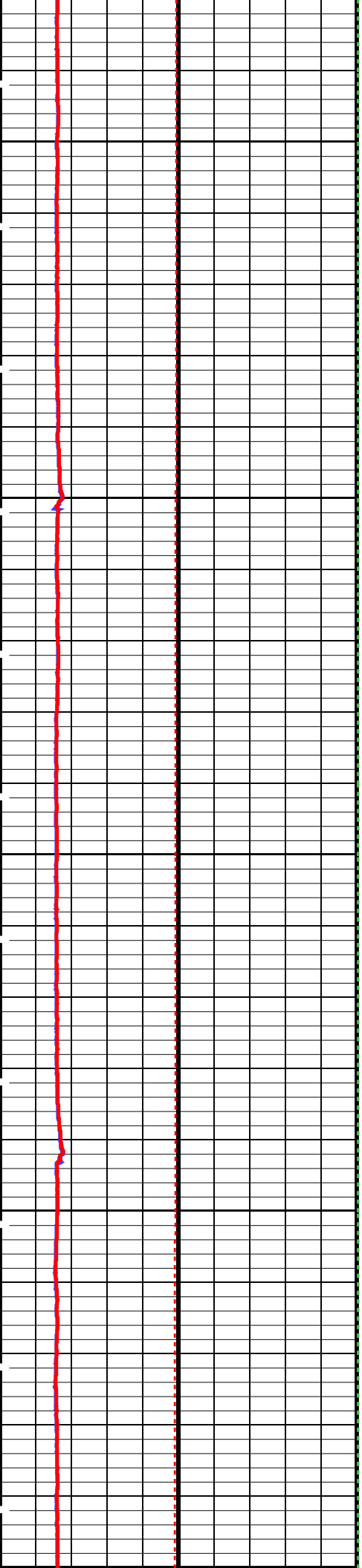

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01:25:57	125.0	1573.6	1586.47
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01:25:30	125.0	1580.8	1592.45
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01:25:03	125.0	1554.3	1575.34
01:24:54		1589.9	1606.60
01:24:45		1615.5	1621.53
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01:21:09		1547.7	1568.30
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01:19:39		1654.0	1671.27
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01:18:54		1559.3	1565.74
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01:18:27	124.9	1577.2	1580.84
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01:17:51		1538.2	1550.50
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01:17:15		1576.4	1590.85
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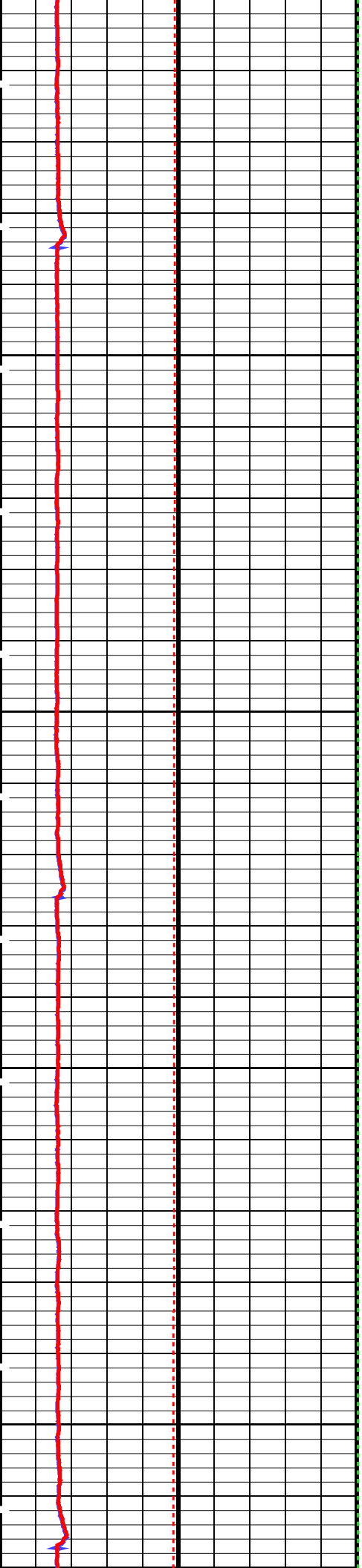

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01:12:36	124.8	1567.1	1582.91
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01:12:18		1555.9	1574.17
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01:12:00	124.8	1567.7	1578.57
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01:06:18		1624.9	1650.11
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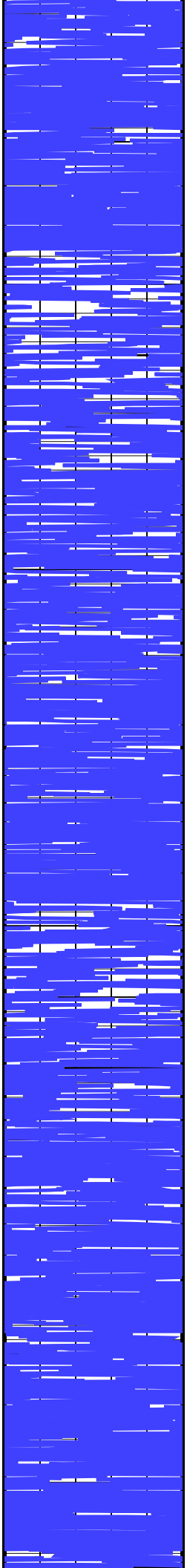

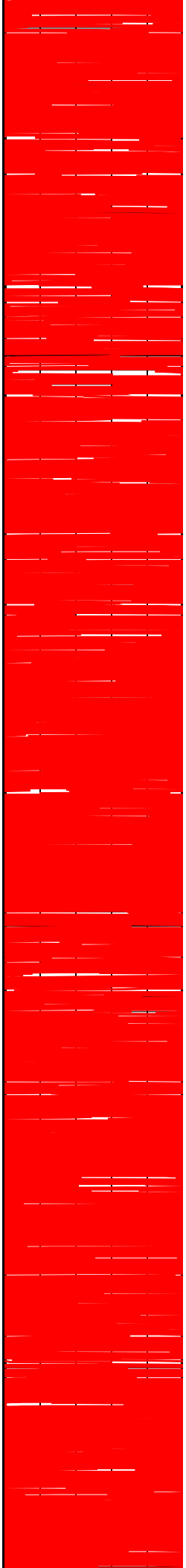

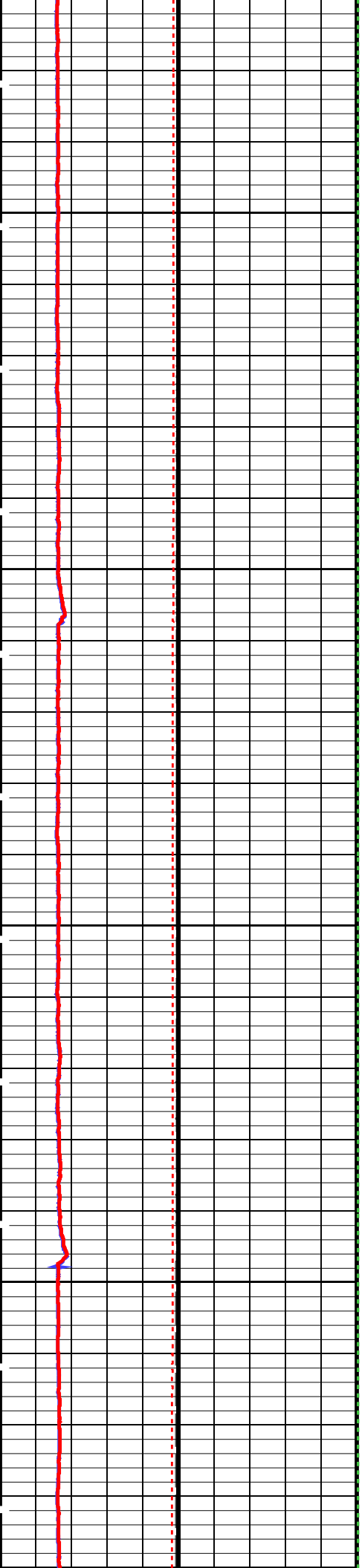

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01:04:12		1601.0	1607.16
01:04:03	124.7	1604.1	1611.82
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01:03:09		1611.5	1616.70
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01:02:42		1629.4	1634.68
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01:02:24		1623.4	1641.15
01:02:15		1606.1	1617.38
01:02:06		1603.4	1624.75
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01:01:12		1599.9	1613.85
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00:56:15		1608.3	1614.00
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00:55:39		1631.5	1650.73
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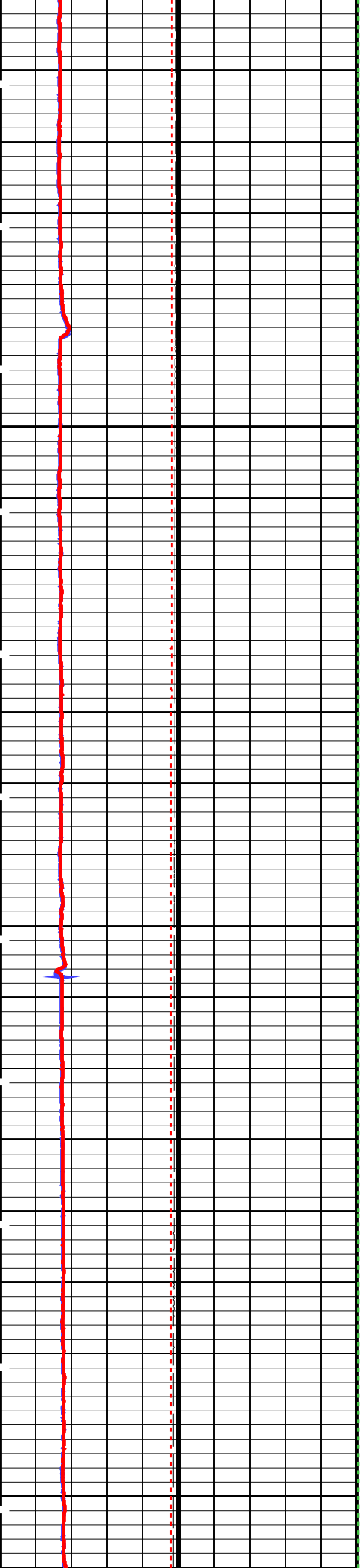

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00:44:06	124.2	1756.1	1764.82
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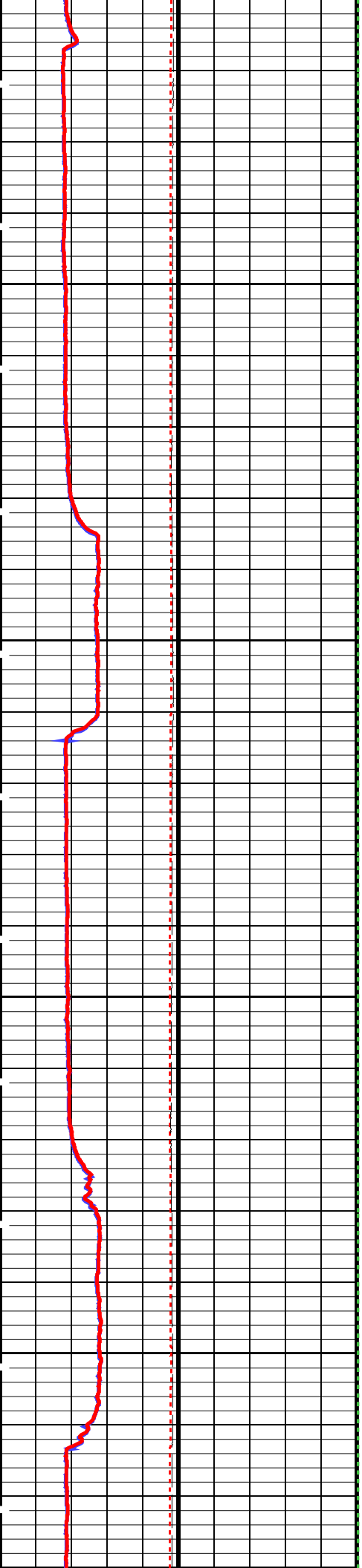

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00:42:00	124.1	1773.1	1787.88
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00:36:54		1845.4	1856.47
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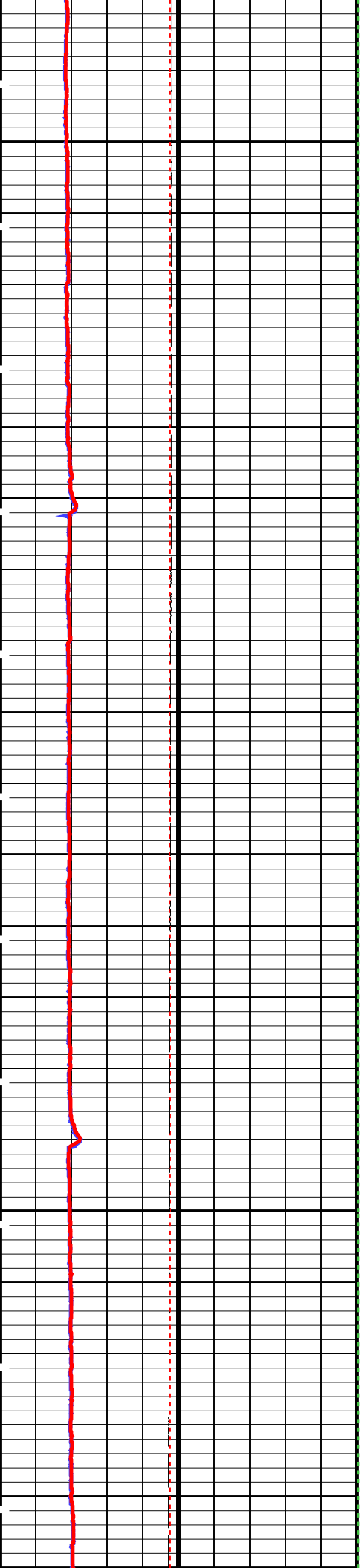
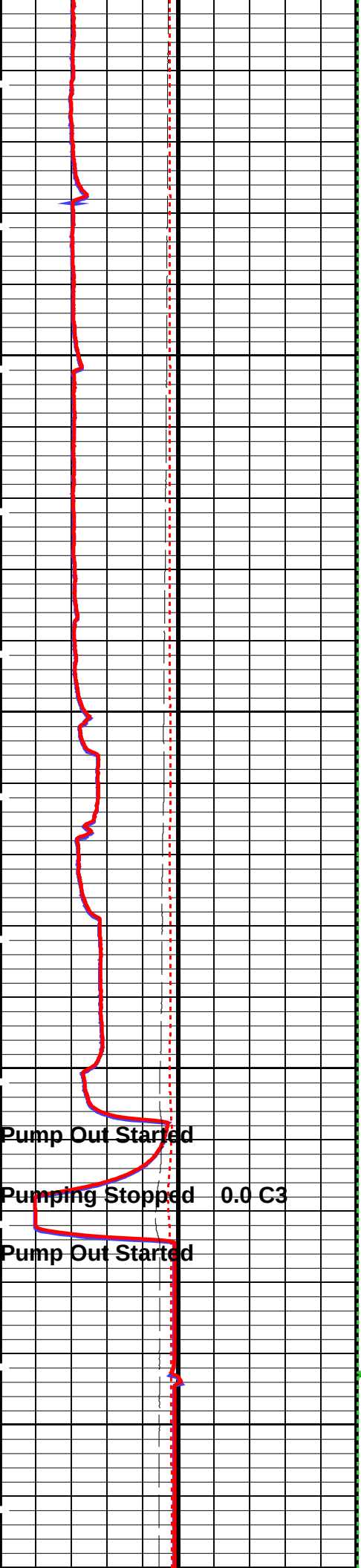
00:36:36		1886.5	1900.41
00:36:27	123.9	1840.0	1847.42
00:36:18		1859.6	1888.23
00:36:09		1885.5	1893.72
00:36:00	123.9	1897.3	1915.57
00:35:51		1904.1	1917.78
00:35:42		1934.1	1944.72
00:35:33	123.9	2053.1	2069.58
00:35:24		2349.2	2350.21
00:35:15		2452.1	2510.42
00:35:06		2662.7	2682.01
00:34:57	124.0	2759.2	2771.16
00:34:48		2729.5	2744.84
00:34:39		2695.4	2705.25
00:34:30	124.0	2733.4	2747.13
00:34:21		2771.1	2788.64
00:34:12		2750.0	2776.13
00:34:03	124.1	2806.9	2822.28
00:33:54		2758.3	2762.72
00:33:45		2750.7	2749.61
00:33:36		2467.1	2417.71
00:33:27	124.1	2094.5	2015.62
00:33:18		1848.7	1848.52
00:33:09		1841.2	1858.15
00:33:00	124.0	1864.7	1876.83
00:32:51		1833.4	1843.94
00:32:42		1838.0	1845.80
00:32:33		1846.6	1860.68



00:32:33		1840.6	1860.68
00:32:24	124.0	1846.6	1859.82
00:32:15		1829.0	1838.38
00:32:06		1800.9	1811.53
00:31:57	124.0	1838.6	1850.90
00:31:48		1812.0	1825.65
00:31:39		1832.7	1853.84
00:31:30	124.0	1860.1	1868.56
00:31:21		1862.5	1874.88
00:31:12		1869.9	1884.77
00:31:03	123.9	1863.3	1874.08
00:30:54		1858.0	1868.14
00:30:45		1880.6	1886.76
00:30:36		1870.6	1848.93
00:30:27	123.9	1846.0	1865.17
00:30:18		1853.2	1868.10
00:30:09		1882.6	1898.01
00:30:00	123.9	1858.3	1872.87
00:29:51		1903.2	1913.67
00:29:42		1862.8	1872.14
00:29:33	123.9	1861.1	1886.14
00:29:24		1910.3	1931.83
00:29:15		1982.8	2003.65
00:29:06		1989.7	2025.52
00:28:57	123.9	1926.3	1933.09
00:28:48		1913.2	1929.09
00:28:39		1893.0	1903.61
00:28:30	123.9	1872.4	1892.76
00:28:21		1890.2	1896.05
00:28:12		1904.4	1927.82
00:28:03	123.8	1880.2	1890.52
00:27:54		1902.4	1916.97
00:27:45		1908.0	1916.62
00:27:36		1886.3	1899.09
00:27:27	123.8	1926.1	1932.54
00:27:18		1935.3	1926.41
00:27:09		1904.7	1917.60
00:27:00	123.8	1877.8	1896.23
00:26:51		1887.1	1911.67
00:26:42		1916.4	1927.84
00:26:33	123.8	1923.1	1928.87
00:26:24		1893.5	1899.98
00:26:15		1879.6	1898.09
00:26:06		1898.0	1898.51
00:25:57	123.7	1900.8	1908.78
00:25:48		1920.3	1945.26
00:25:39		1926.2	1927.77
00:25:30	123.7	1933.4	1946.93
00:25:21		1910.9	1924.19
00:25:12		1939.1	1947.54
00:25:03	123.7	1902.6	1927.56
00:24:54		1925.3	1940.55
00:24:45		1964.4	1980.47
00:24:36		2207.9	2219.95
00:24:27	123.7	1884.1	1902.58
00:24:18		1920.7	1936.45
00:24:09		1917.8	1935.33
00:24:00	123.6	1937.7	1949.81
00:23:51		1935.5	1959.95
00:23:42		1942.0	1957.45
00:23:33	123.6	1945.0	1972.70
00:23:24		1959.5	1977.14
00:23:15		1939.3	1963.92
00:23:06		1975.0	1989.31
00:22:57	123.6	1954.7	1967.94
00:22:48		1986.2	1992.06
00:22:39		1963.1	1972.13
00:22:30	123.5	1971.1	1984.17
00:22:21		1952.5	1976.24
00:22:12		1979.4	1981.91
00:22:03	123.5	1961.5	1998.92
00:21:54		2025.8	2039.75
00:21:45		1986.4	2007.08
00:21:36		2020.7	2028.39



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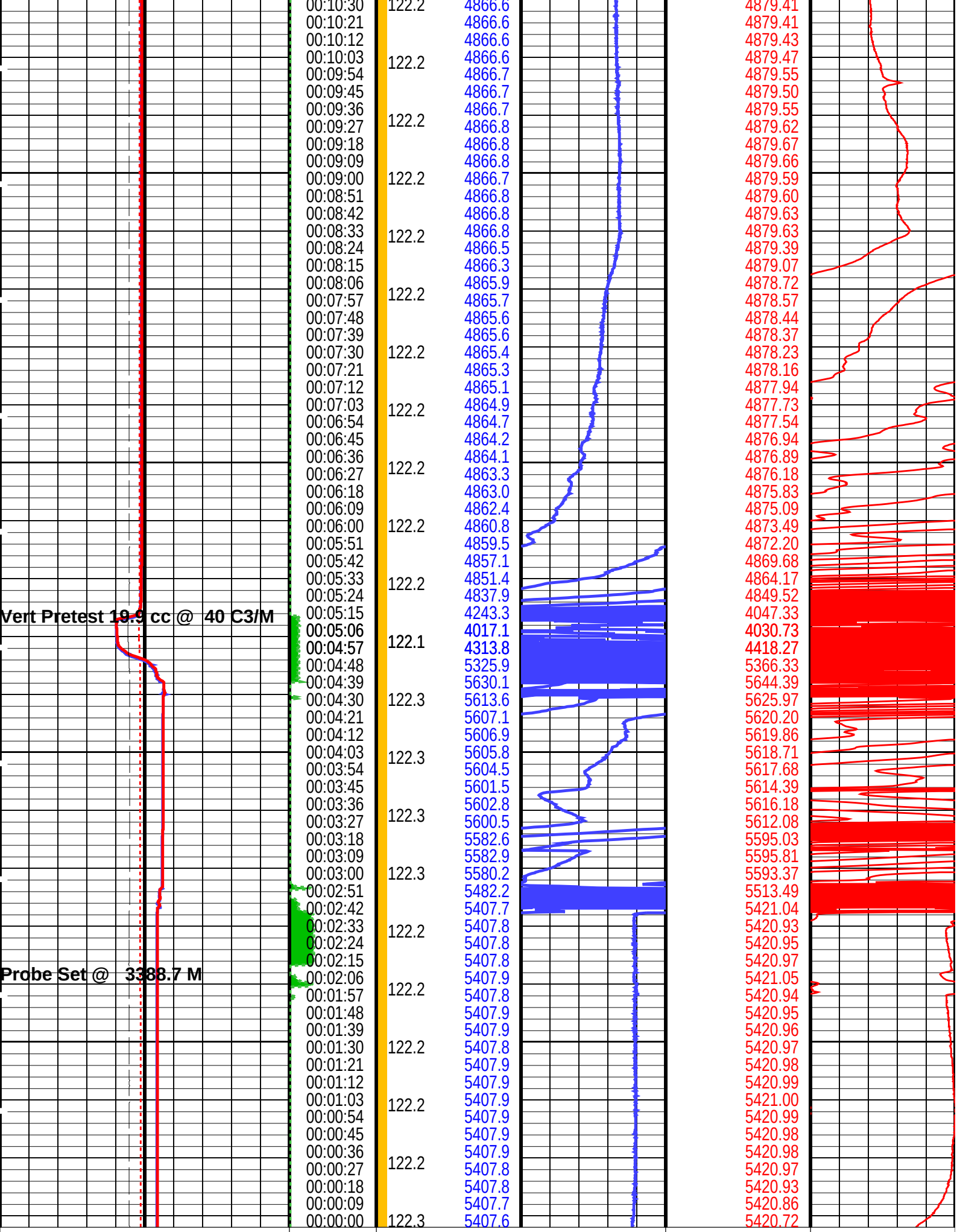
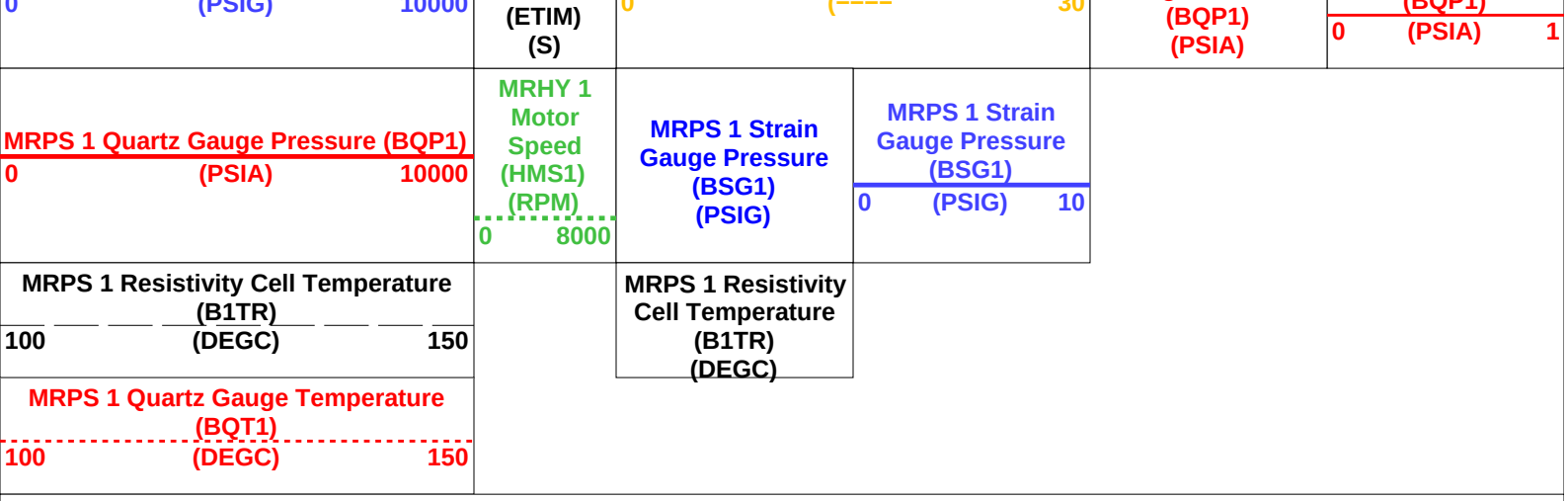
00:21:09		2012.7	2018.60
00:21:00	123.4	1970.9	1988.52
00:20:51		1959.9	1980.53
00:20:42		1980.7	1996.76
00:20:33	123.4	2014.4	2026.88
00:20:24		2079.4	2086.80
00:20:15		2267.1	2332.53
00:20:06		2025.8	2039.88
00:19:57	123.3	1995.9	2006.37
00:19:48		1998.2	2019.82
00:19:39		2045.0	2054.40
00:19:30	123.3	2040.0	2033.28
00:19:21		2021.1	2044.17
00:19:12		2087.5	2110.70
00:19:03	123.3	2205.0	2238.60
00:18:54		2058.3	2068.68
00:18:45		2058.5	2068.87
00:18:36		2051.6	2062.05
00:18:27	123.2	2038.7	2043.51
00:18:18		2057.1	2069.26
00:18:09		2025.7	2032.13
00:18:00	123.1	2037.6	2047.88
00:17:51		2030.3	2055.10
00:17:42		2022.0	2042.25
00:17:33	123.0	2062.4	2095.37
00:17:24		2068.8	2085.45
00:17:15		2158.9	2113.07
00:17:06		2058.7	2071.18
00:16:57	122.9	2094.1	2101.58
00:16:48		2109.4	2131.14
00:16:39		2245.4	2267.31
00:16:30	122.8	2269.0	2219.70
00:16:21		2334.6	2387.35
00:16:12		2709.6	2719.81
00:16:03	122.9	2723.0	2735.31
00:15:54		2684.1	2660.27
00:15:45		2567.5	2478.03
00:15:36		2165.1	2189.52
00:15:27	122.7	2177.5	2202.82
00:15:18		2290.9	2317.59
00:15:09		2700.0	2771.83
00:15:00	122.6	2782.4	2794.91
00:14:51		2790.3	2801.83
00:14:42		2788.6	2794.32
00:14:33	122.5	2781.1	2812.30
00:14:24		2816.8	2830.86
00:14:15		2848.3	2850.12
00:14:06		2550.0	2485.80
00:13:57	122.3	2363.3	2371.83
00:13:48		2678.3	2779.58
00:13:39		4629.8	4628.08
00:13:30	122.5	4375.8	4358.78
00:13:21		3572.2	3481.63
00:13:12		1083.1	979.50
00:13:03	121.8	966.6	976.41
00:12:54		3341.5	4219.62
00:12:45		4867.0	4878.33
00:12:36		4867.1	4879.99
00:12:27	122.3	4867.3	4880.14
00:12:18		4867.5	4880.35
00:12:09		4867.1	4879.80
00:12:00	122.3	4841.3	4844.36
00:11:51		4866.7	4879.54
00:11:42		4866.6	4879.53
00:11:33	122.2	4866.6	4879.48
00:11:24		4866.6	4879.46
00:11:15		4866.6	4879.45
00:11:06		4866.6	4879.44
00:10:57	122.2	4866.5	4879.42
00:10:48		4866.5	4879.42
00:10:39		4866.6	4879.41



Elapsed Time	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure
00:10:30	122.2	4866.6	4879.41
00:10:21		4866.6	4879.41
00:10:12		4866.6	4879.43
00:10:03	122.2	4866.6	4879.47
00:09:54		4866.7	4879.55
00:09:45		4866.7	4879.50
00:09:36		4866.7	4879.55
00:09:27	122.2	4866.8	4879.62
00:09:18		4866.8	4879.67
00:09:09		4866.8	4879.66
00:09:00	122.2	4866.7	4879.59
00:08:51		4866.8	4879.60
00:08:42		4866.8	4879.63
00:08:33	122.2	4866.8	4879.63
00:08:24		4866.5	4879.39
00:08:15		4866.3	4879.07
00:08:06		4865.9	4878.72
00:07:57	122.2	4865.7	4878.57
00:07:48		4865.6	4878.44
00:07:39		4865.6	4878.37
00:07:30	122.2	4865.4	4878.23
00:07:21		4865.3	4878.16
00:07:12		4865.1	4877.94
00:07:03	122.2	4864.9	4877.73
00:06:54		4864.7	4877.54
00:06:45		4864.2	4876.94
00:06:36		4864.1	4876.89
00:06:27	122.2	4863.3	4876.18
00:06:18		4863.0	4875.83
00:06:09		4862.4	4875.09
00:06:00	122.2	4860.8	4873.49
00:05:51		4859.5	4872.20
00:05:42		4857.1	4869.68
00:05:33	122.2	4851.4	4864.17
00:05:24		4837.9	4849.52
00:05:15		4243.3	4047.33
00:05:06		4017.1	4030.73
00:04:57	122.1	4313.8	4418.27
00:04:48		5325.9	5366.33
00:04:39		5630.1	5644.39
00:04:30	122.3	5613.6	5625.97
00:04:21		5607.1	5620.20
00:04:12		5606.9	5619.86
00:04:03	122.3	5605.8	5618.71
00:03:54		5604.5	5617.68
00:03:45		5601.5	5614.39
00:03:36		5602.8	5616.18
00:03:27	122.3	5600.5	5612.08
00:03:18		5582.6	5595.03
00:03:09		5582.9	5595.81
00:03:00	122.3	5580.2	5593.37
00:02:51		5482.2	5513.49
00:02:42		5407.7	5421.04
00:02:33	122.2	5407.8	5420.93
00:02:24		5407.8	5420.95
00:02:15		5407.8	5420.97
00:02:06		5407.9	5421.05
00:01:57	122.2	5407.8	5420.94
00:01:48		5407.9	5420.95
00:01:39		5407.9	5420.96
00:01:30	122.2	5407.8	5420.97
00:01:21		5407.9	5420.98
00:01:12		5407.9	5420.99
00:01:03	122.2	5407.9	5421.00
00:00:54		5407.9	5420.99
00:00:45		5407.9	5420.98
00:00:36		5407.9	5420.98
00:00:27	122.2	5407.8	5420.97
00:00:18		5407.8	5420.93
00:00:09		5407.7	5420.86
00:00:00	122.3	5407.6	5420.72

MRPS 1 Quartz Gauge Pressure (BQP1)



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:23

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_273LTP	FN:423	PRODUCER	02−Dec−2004 11:11	3388.7 M	29.0 M

Output DLIS Files

DEFAULT	MDT_OFA_080PTP	FN:79	PRODUCER	06−Dec−2004 12:23

Input DLIS Files

DEFAULT	MDT_OFA_273LTP	FN:423	PRODUCER	02−Dec−2004 11:11	3388.7 M	29.0 M

Output DLIS Files

DEFAULT	MDT_OFA_080PTP	FN:79	PRODUCER	06−Dec−2004 12:23	3388.7 M	29.0 M

Elapsed Time (s)	Event Summary
11288.1	Retract Single Probe Module (MRPS) 1
11034.3	Pumping Stopped 22815.0 C3 Dual Up−down Pumpout Module (MRPOUD)
10860.6	Seal Multi−Sample Module (MRMS) 1, bottle 4

10860.6	Seal Multi−Sample Module (MRMS) 1, bottle 4
10597.8	Open Multi−Sample Module (MRMS) 1, bottle 4, sample number = 1
818.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
793.2	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
768.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
277.8	Vert Pretest 19.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
131.4	Probe Set @ 3388.7 M Single Probe Module (MRPS) 1

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

LFA GOR (GOR_LFA)
0 (F3/B) 5000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Elapsed Time (ETIM) (S)

High Gas

Medium Gas

Low Gas

Oil

Water

Highly Absorbing Fluid

Resistivity Cell Temp B1TR (B1TR) (DEGC)

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Fluid Coloration (FCOL_LFA) (----
0.000001 0.0001

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (---- 4

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (---- 8

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (---- 12

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (---- 16

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

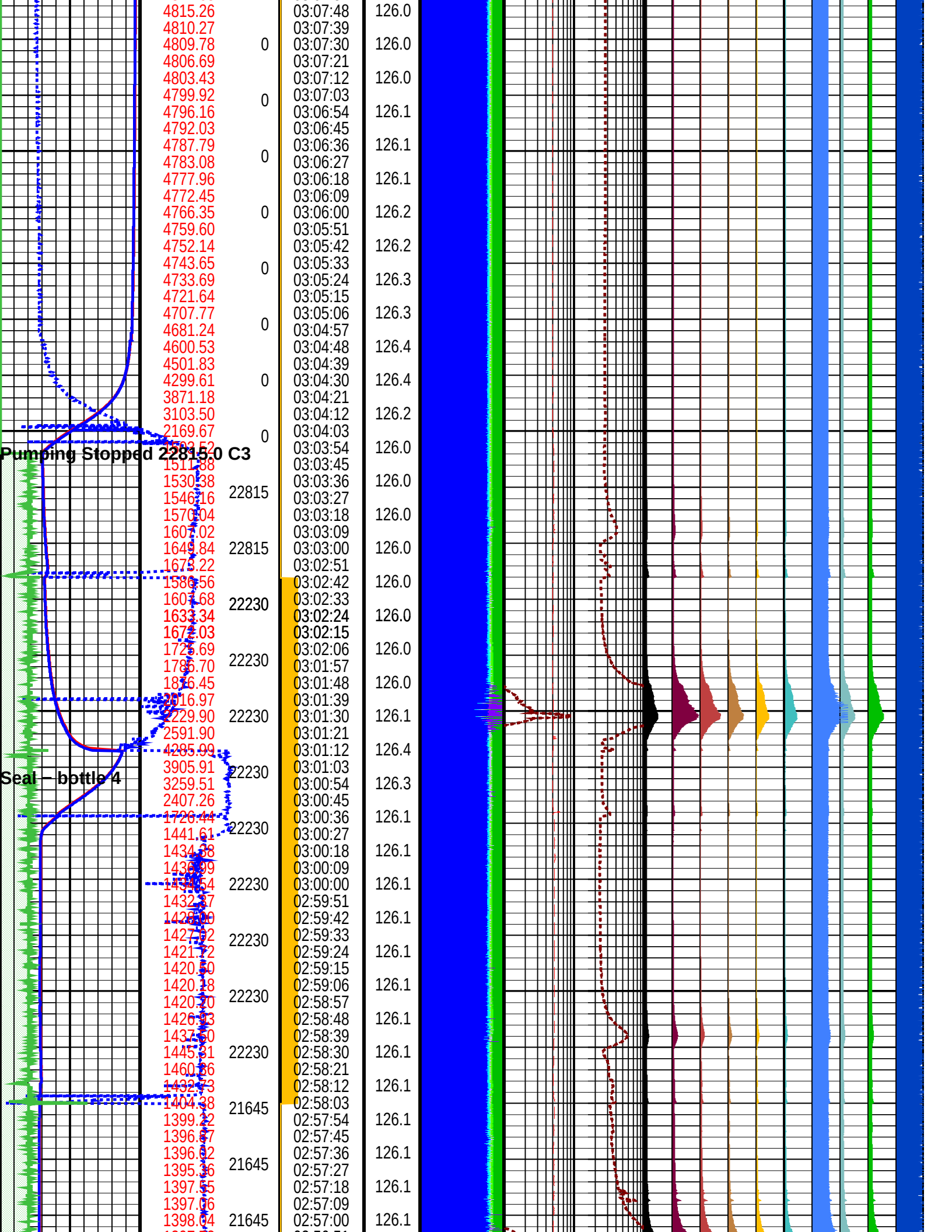
LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

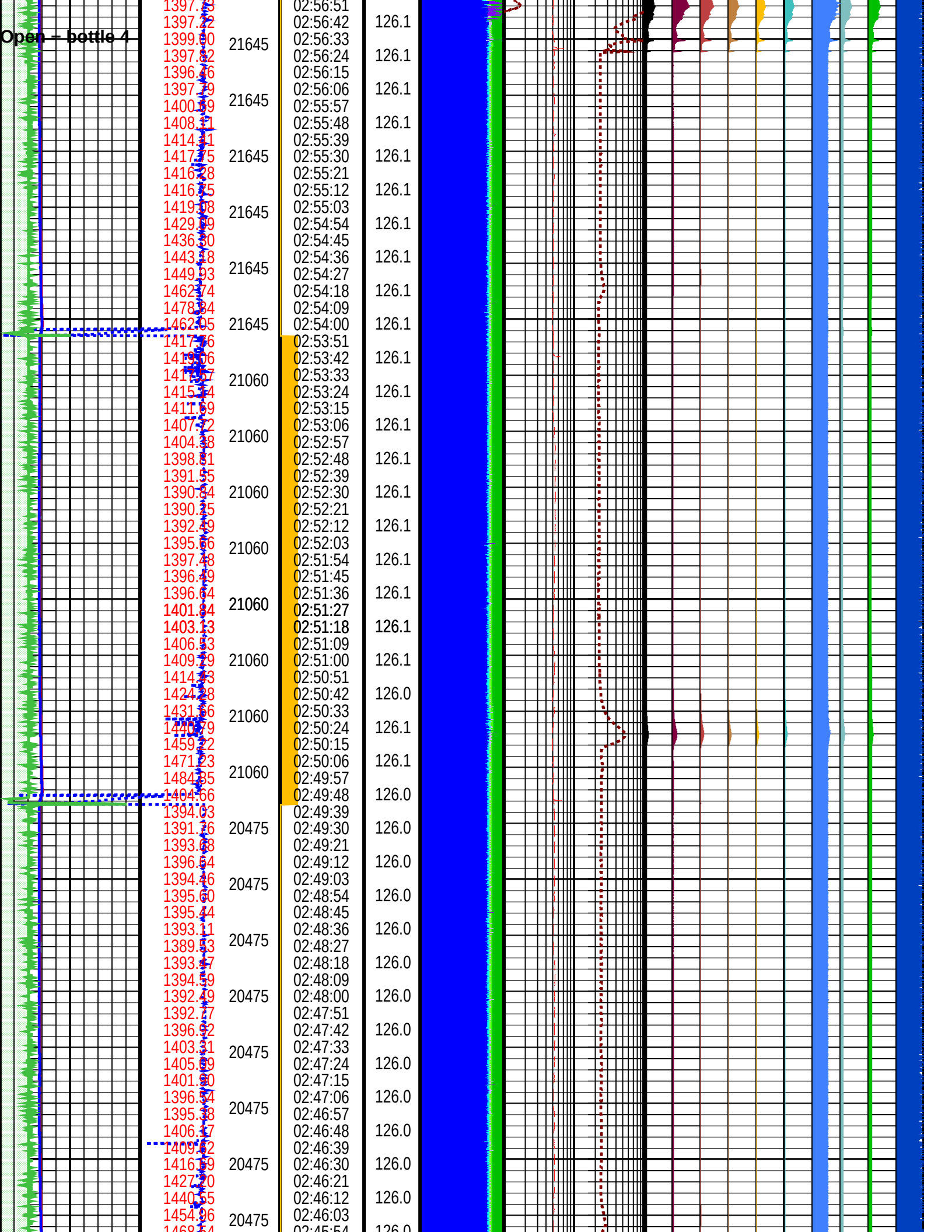
LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

5432.02	0	03:10:03	
5432.02		03:09:54	125.8
5434.94		03:09:45	
5439.38		03:09:36	125.8
5444.11	0	03:09:27	
5434.07		03:09:18	125.8
5421.85		03:09:09	
5421.85	0	03:09:00	125.8
5421.87		03:08:51	
5421.90		03:08:42	125.9
5421.91	0	03:08:33	
5421.88		03:08:24	125.9
5421.28		03:08:15	
4746.33		03:08:06	125.9
4817.68	0	03:07:57	

Retract


Pumping Stopped 22815.0 C3
Seal – bottle 4


Open – bottle 4
1397.22
1399.00
1397.82
1396.46
1397.79
1400.69
1408.11
1414.11
1417.75
1416.28
1416.75
1419.08
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1392.49
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1403.13
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1394.03
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1393.68
1396.54
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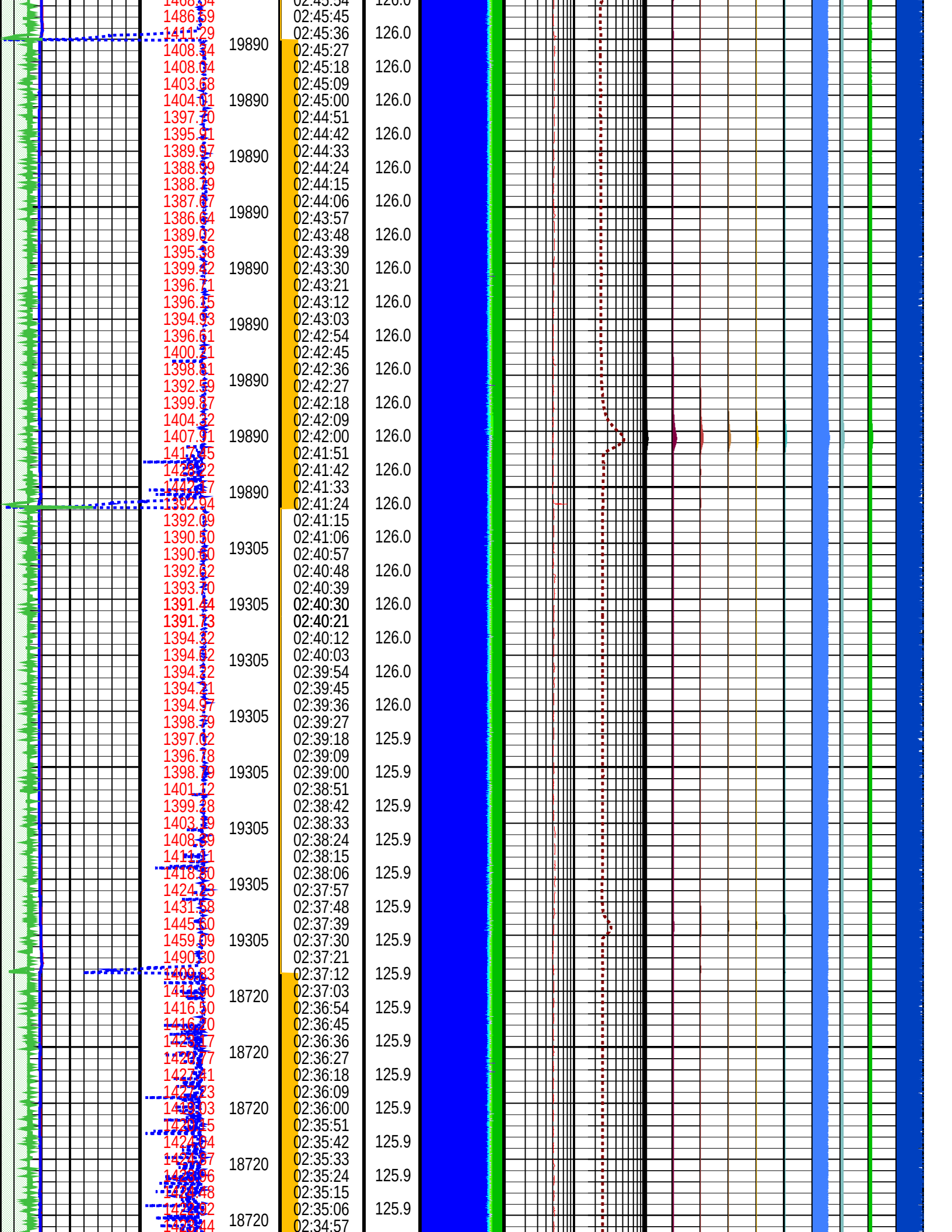

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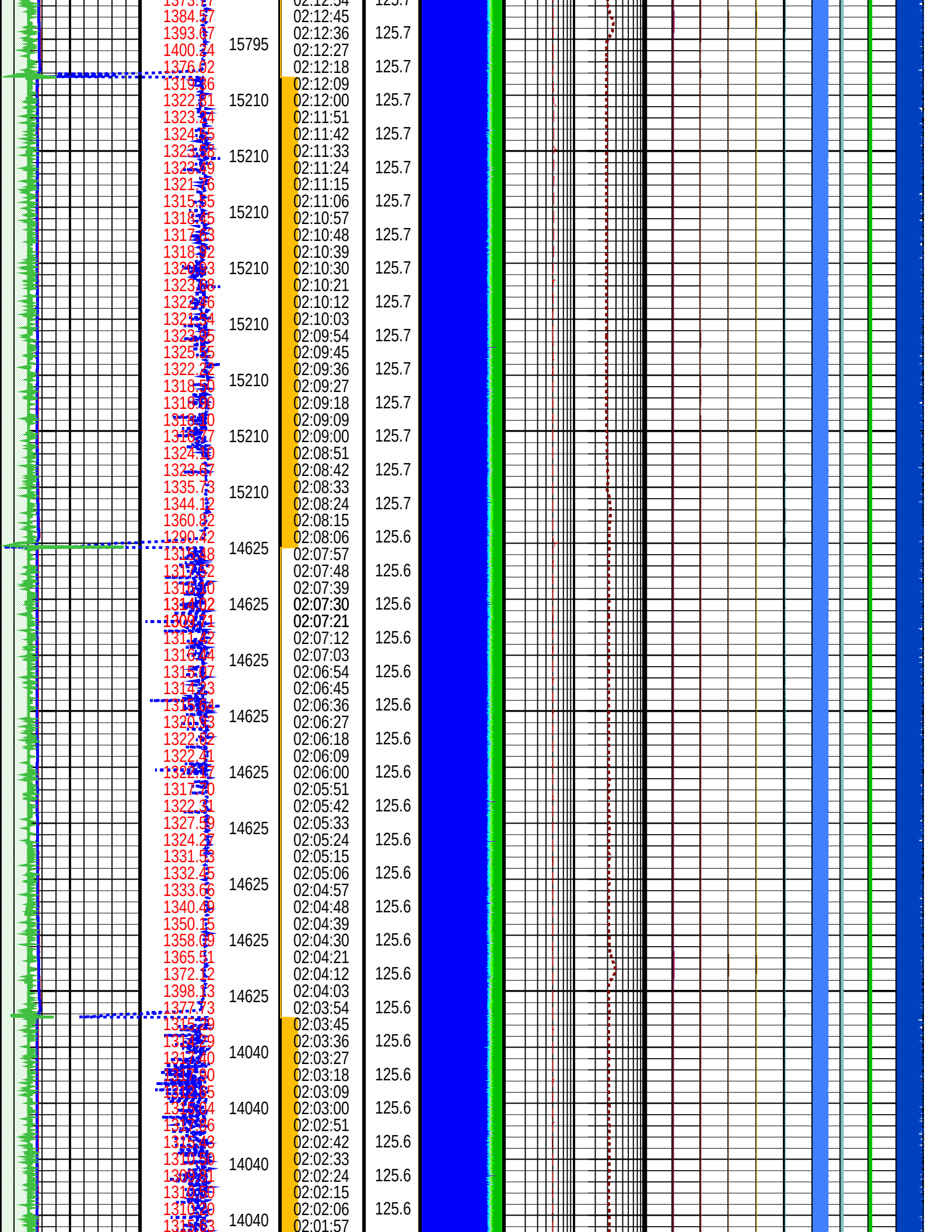

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1594.11		01:12:09	
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1576.27	7605	01:11:33	
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1615.98		01:09:45	
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1607.10		01:09:09	
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1566.56		01:08:51	
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1603.95	7020	01:08:33	
1624.39		01:08:24	124.8
1600.28		01:08:15	
1582.59		01:08:06	124.7
1584.42	7020	01:07:57	
1646.32		01:07:48	124.7
1599.90		01:07:39	
1612.51	7020	01:07:30	124.7
1600.24		01:07:21	
1611.47		01:07:12	124.7
1626.82	7020	01:07:03	
1623.18		01:06:54	124.7

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1595.77		01:06:45	
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1609.04	7020	01:06:27	
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1633.84		01:06:09	
1663.75	7020	01:06:00	124.7
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1585.96		01:05:24	124.7
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1584.35		01:02:51	
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1623.84	6435	01:02:33	
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1684.86	4680	00:49:03	
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1694.61		00:48:45	
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1685.41	4680	00:48:27	
1732.53		00:48:18	124.3
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1791.66		00:47:51	
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1715.25	4095	00:46:57	
1725.66		00:46:48	124.3
1735.96		00:46:39	
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1732.11		00:46:21	
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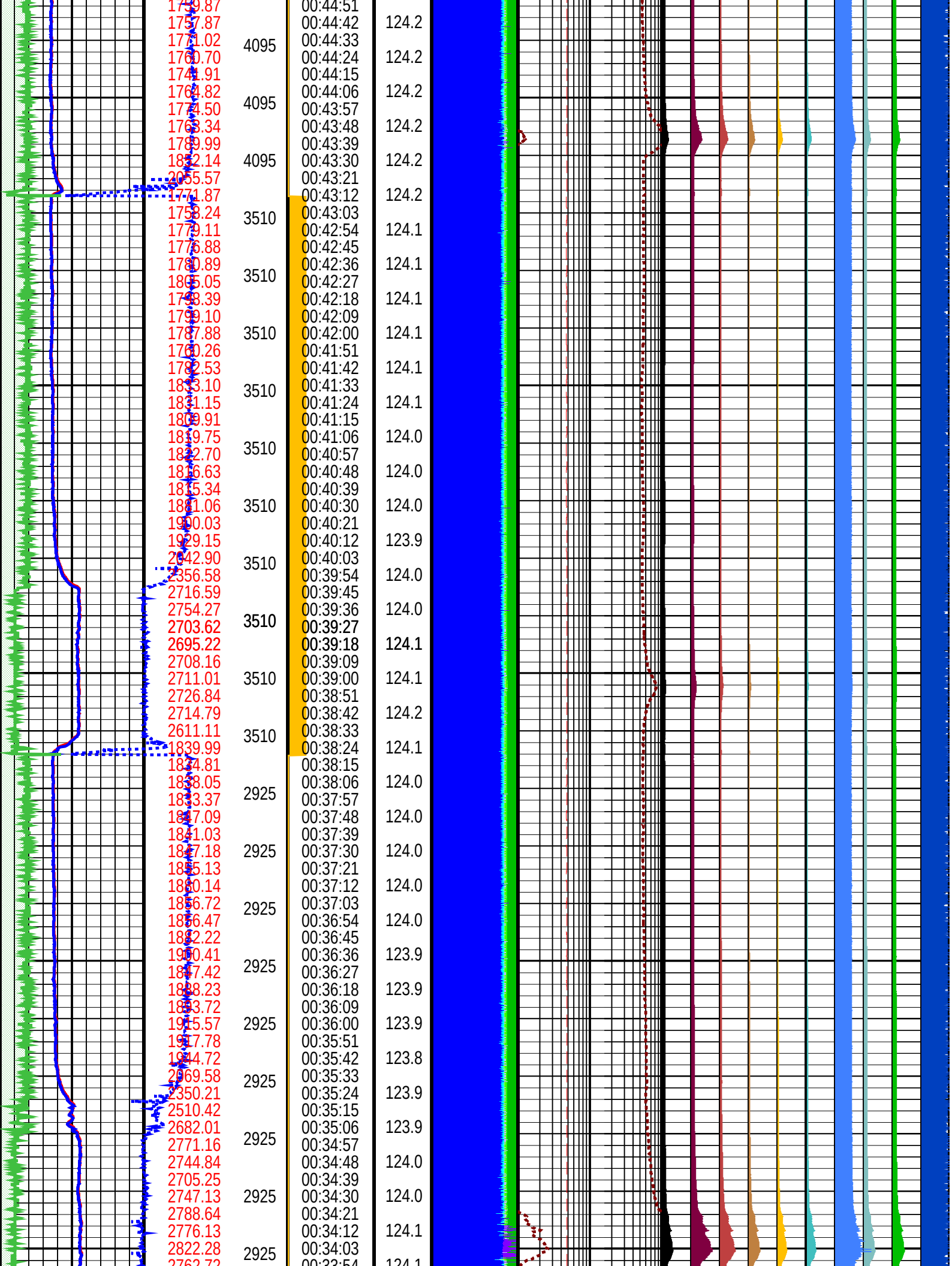

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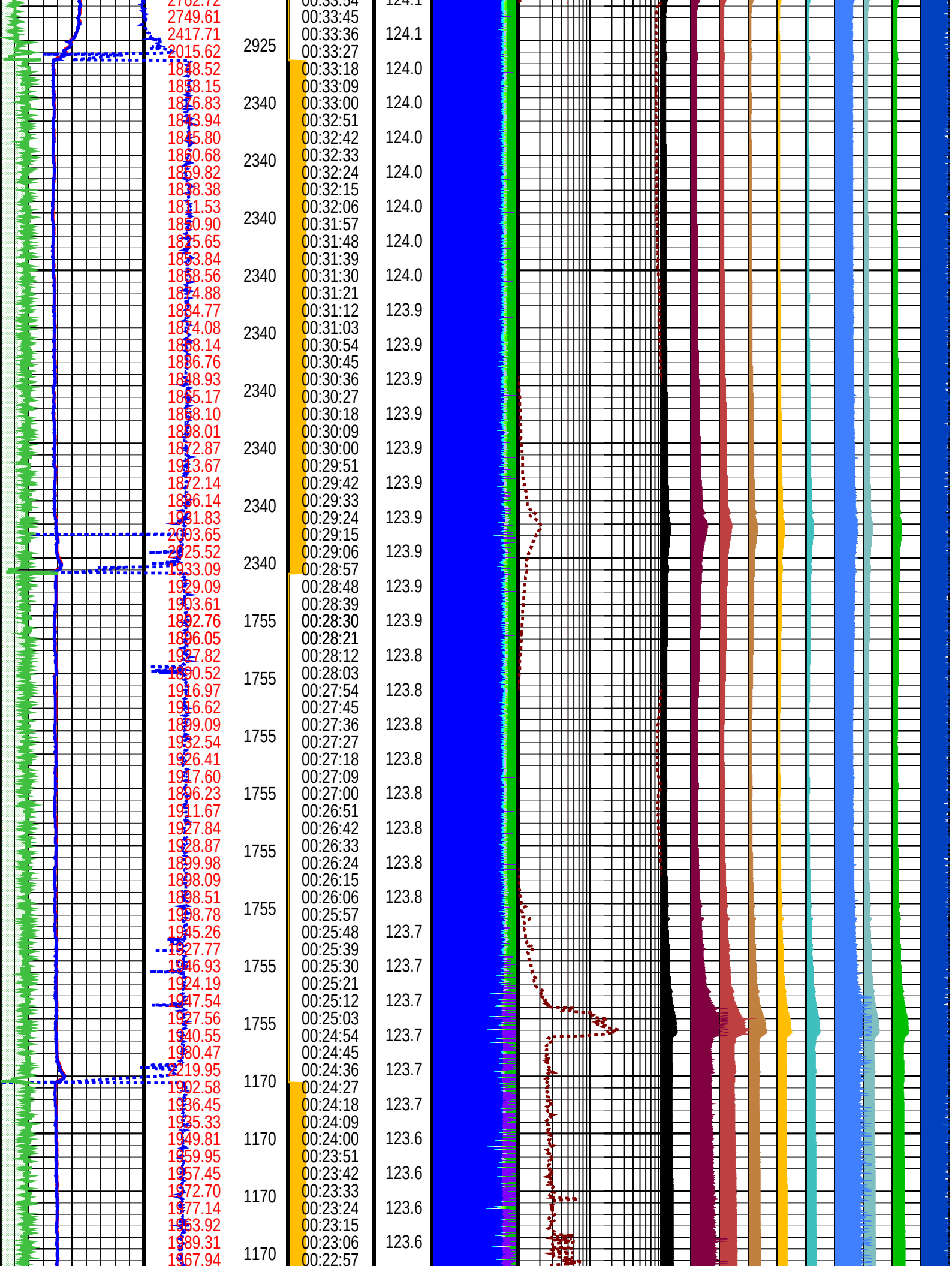
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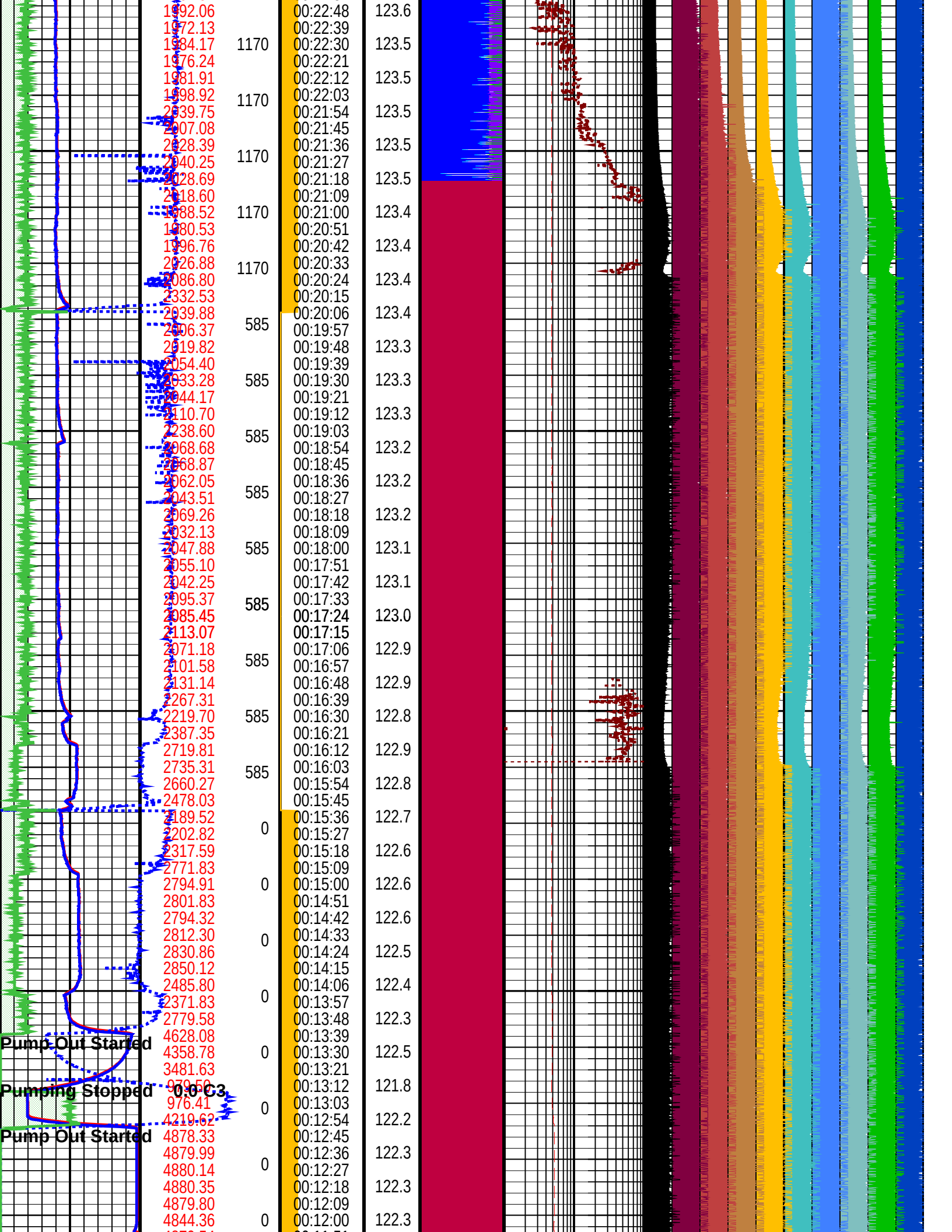
Pump Out Started
Pumping Stopped
0.0 C3
Pump Out Started

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4879.07		00:08:15	
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4878.23	0	00:07:30	122.2
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4877.94		00:07:12	122.2
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5618.71	0	00:04:03	
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5614.39		00:03:45	
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5595.81		00:03:09	
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5421.05		00:02:06	122.2
5420.94	0	00:01:57	
5420.95		00:01:48	122.2
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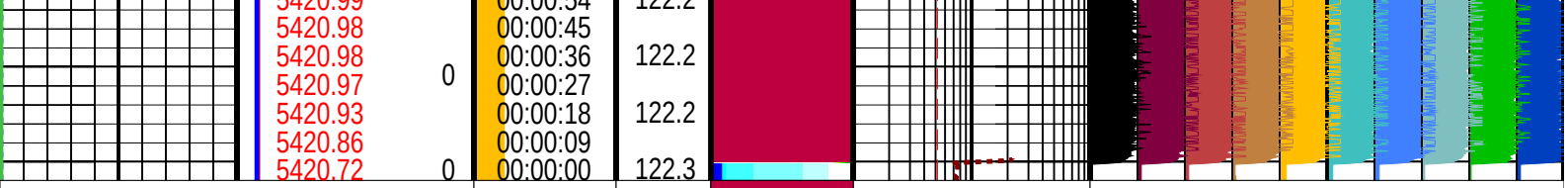
Vert Pretest 19.9 cc @ 40 C3/M

Probe Set @ 3388.7 M



LFA GOR (GOR_LFA)
0 (F3/B) 5000

Elapsed Time (ETIM) (S)

Resistivity Cell Temp B1TR (B1TR) (DEGC)

Highly Absorbing Fluid

LFA Fluid Coloration (FCOL_LFA)
(----
0.000001 0.0001

LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 5

Low Gas

Water

LFA Fluid Coloration (FCOL_LFA)
0.0001 (---- 0.01

LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (---- 36

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Medium Gas

Oil

MRPS 1 Flowline Fluid Resistivity (BFR1)
0.01 (OHMM) 1

LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (---- 32

MRPOUD Motor Speed (POUDMS)
0 (RPM) 5000

High Gas

LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

MRPOUD Hydraulic Pressure (POUDHP)
0 (PSIG) 5000

LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

LFA Optical Density Channel 5 (FAOD_LFA[5])
−20 (---- 20

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

LFA Optical Density Channel 6 (FAOD_LFA[6])
−24 (---- 16

LFA Optical Density Channel 7 (FAOD_LFA[7])
−28 (---- 12

LFA Optical Density Channel 8 (FAOD_LFA[8])
−32 (---- 8

LFA Optical Density Channel 9 (FAOD_LFA[9])
−36 (---- 4

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
C1C7SIG_LFA	LFA C1/C7 Signal Values in 1g/cc	** V **	
CEXP_LFA	LFA Coloration Exponent	4.6	
FAGM_LFA	LFA GOR Allow/Disallow Mode	ALLOW	
FAJM_LFA	LFA Job Mode	LFA	
FATCM_LFA	LFA Temp. Coef. Measure Mode	** V **	
FATCS_LFA	LFA Temp. Coef. Source Mode	** V **	
GASH_LFA	LFA Gas Indicator High Level Threshold	0.4	
GASL_LFA	LFA Gas Indicator Low Level Threshold	0.05	
GASM_LFA	LFA Gas Indicator Medium Level Threshold	0.1	
GORD_LFA	LFA GOR Disqualification Level	0.1	
PDCO	Probe Depth Correction Offset	0	M
SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	

MRPC−CA: Power Cartridge

PDCO	Probe Depth Correction Offset	0	M

System and Miscellaneous

PP	Playback Processing	RECOMPUTE

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 06−Dec−2004 12:23

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_273LTP	FN:423	PRODUCER	02−Dec−2004 11:11	3388.7 M	29.0 M

Output DLIS Files

DEFAULT	MDT_OFA_080PTP	FN:79	PRODUCER	06−Dec−2004 12:23

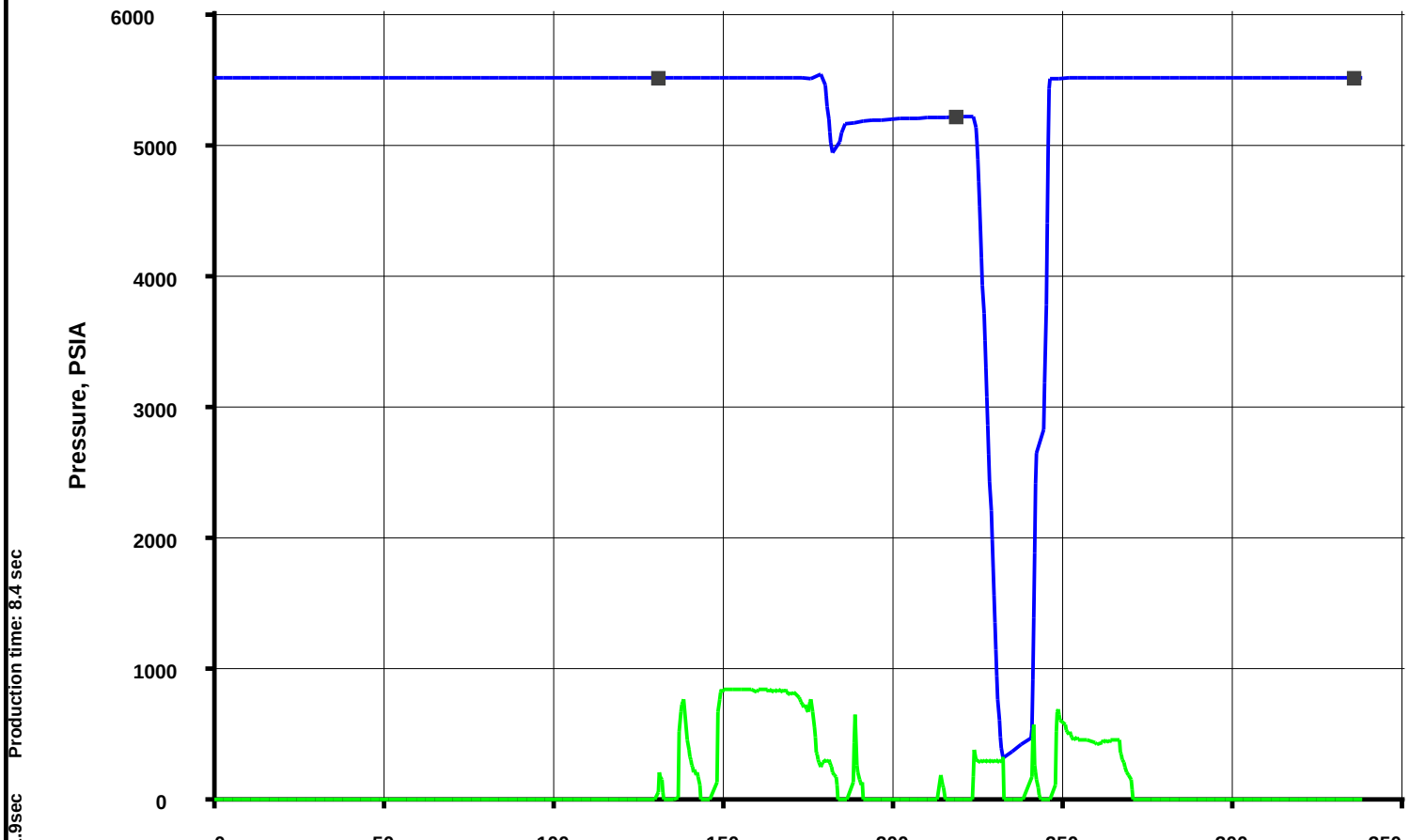
Schlumberger

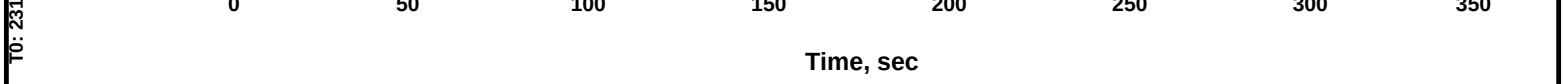
Pretest @ 3432.0 mMD

MAXIS Field Log

File 268 Depth, M: 3432.01 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	5488.21
Mud Pressure after test, PSIA:	5488.02
Last build−up pressure, PSIA:	5196.06





Pretest Volume: 4.4 cc – MRPS_1– BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_268LTP	FN:413	PRODUCER	29–Nov–2004 14:50	3432.0 M	0.9 M
BACKUP	MDT_OFA_268LTP	FN:414	PRODUCER	29–Nov–2004 14:49	3432.0 M	0.9 M

Elapsed Time (s)	Event Summary
242.7	Retract Single Probe Module (MRPS) 1
218.4	Vert Pretest 4.4 cc @ 40 C3/M Single Probe Module (MRPS) 1
143.7	Probe Set @ 3432.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

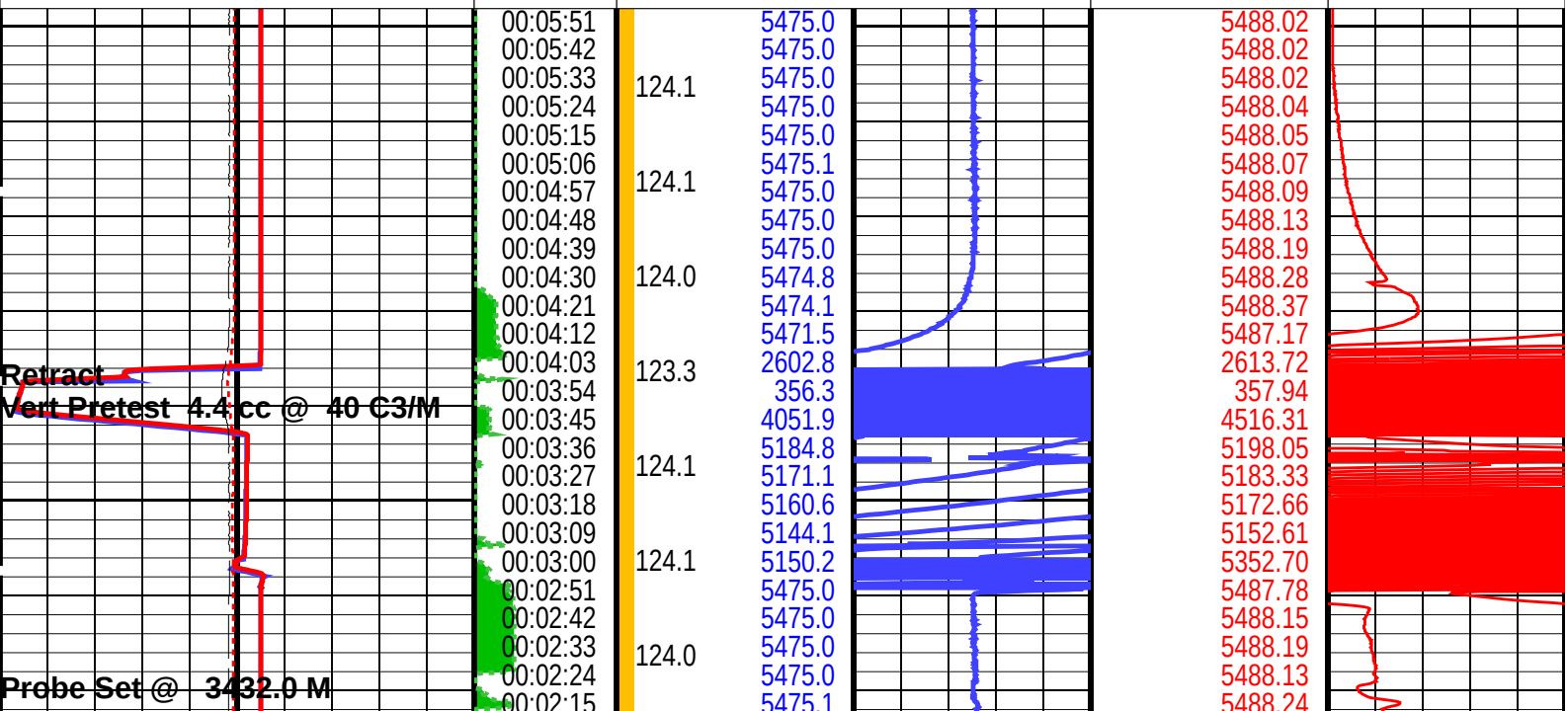
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

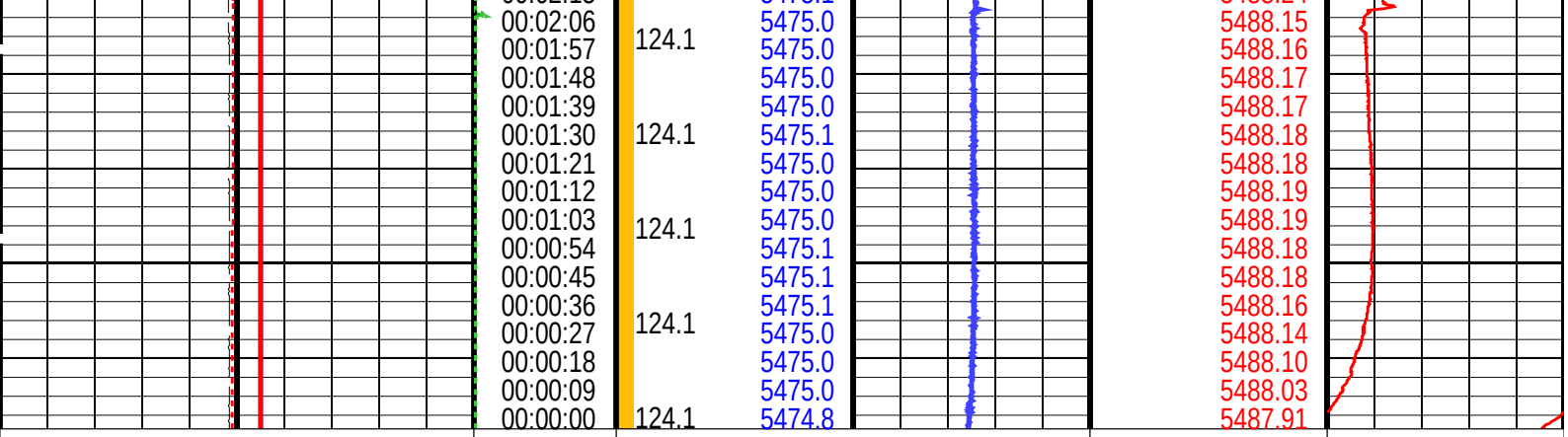
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:05:51		5475.0	5488.02
00:05:42		5475.0	5488.02
00:05:33	124.1	5475.0	5488.02
00:05:24		5475.0	5488.04
00:05:15		5475.0	5488.05
00:05:06		5475.1	5488.07
00:04:57	124.1	5475.0	5488.09
00:04:48		5475.0	5488.13
00:04:39		5475.0	5488.19
00:04:30	124.0	5474.8	5488.28
00:04:21		5474.1	5488.37
00:04:12		5471.5	5487.17
00:04:03	123.3	2602.8	2613.72
00:03:54		356.3	357.94
00:03:45		4051.9	4516.31
00:03:36		5184.8	5198.05
00:03:27	124.1	5171.1	5183.33
00:03:18		5160.6	5172.66
00:03:09		5144.1	5152.61
00:03:00	124.1	5150.2	5352.70
00:02:51		5475.0	5487.78
00:02:42		5475.0	5488.15
00:02:33	124.0	5475.0	5488.19
00:02:24		5475.0	5488.13
00:02:15		5475.1	5488.24



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29-Nov-2004 14:50

OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRPO_UD	12C0-301	LFA	12C0-301
MRMS_1	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

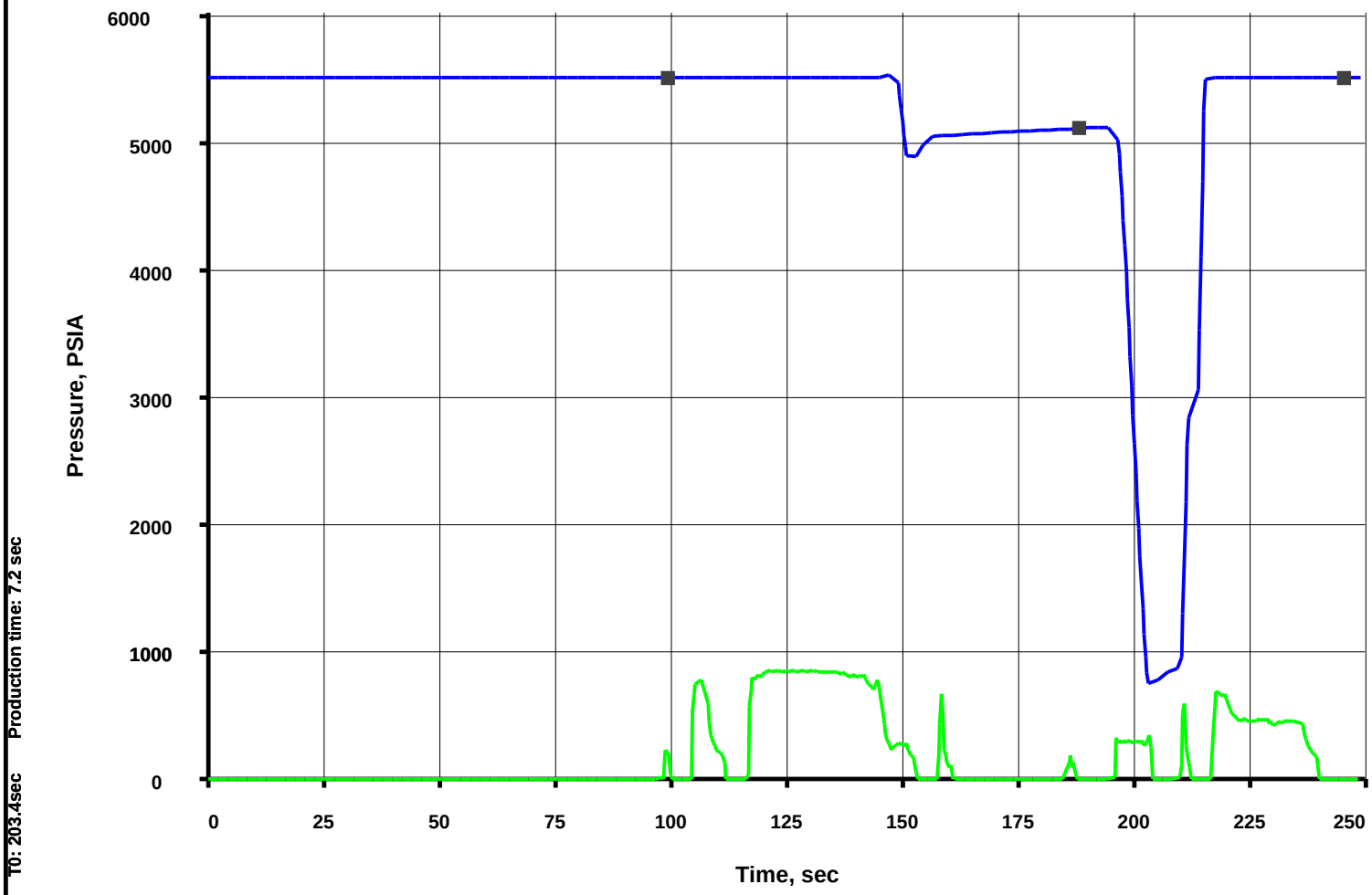
DEFAULT	MDT_OFA_268LTP	FN:413	PRODUCER	29-Nov-2004 14:50
BACKUP	MDT_OFA_268LTP	FN:414	PRODUCER	29-Nov-2004 14:49

Schlumberger

Pretest @ 3433.8 mMD

File 265 Depth, M: 3433.82 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	5490.87
Mud Pressure after test, PSIA:	5490.82
Last build−up pressure, PSIA:	5097.4



Pretest Volume: 3.8 cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_265LTP	FN:407	PRODUCER	29−Nov−2004 14:26	3433.8 M	0.7 M
BACKUP	MDT_OFA_265LTP	FN:408	PRODUCER	29−Nov−2004 14:26	3433.8 M	0.7 M

Elapsed Time (s)	Event Summary
212.7	Retract Single Probe Module (MRPS) 1
191.4	Vert Pretest 3.8 cc @ 40 C3/M Single Probe Module (MRPS) 1
112.5	Probe Set @ 3433.8 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)

(BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

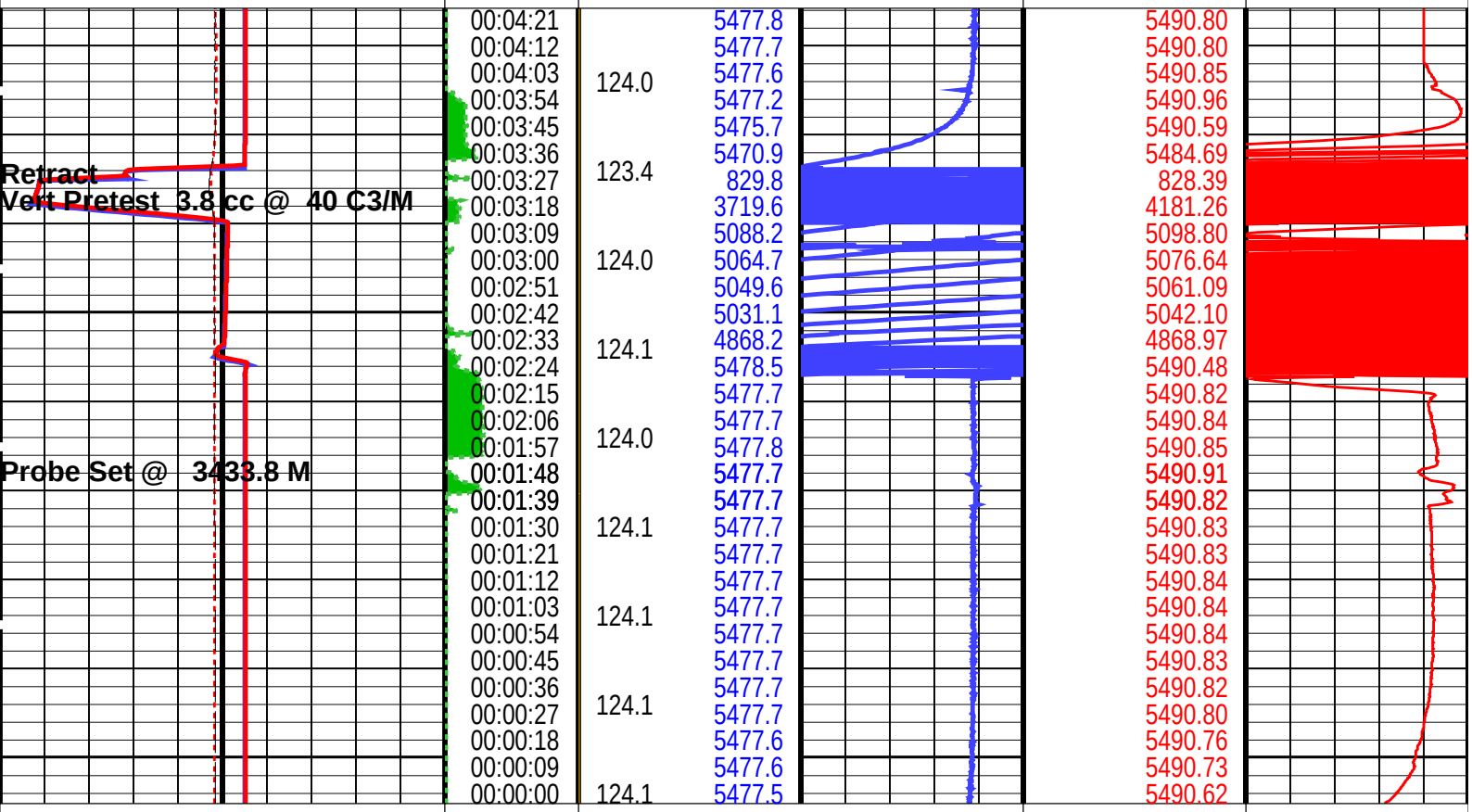
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:04:21		5477.8	5490.80
00:04:12		5477.7	5490.80
00:04:03	124.0	5477.6	5490.85
00:03:54		5477.2	5490.96
00:03:45		5475.7	5490.59
00:03:36		5470.9	5484.69
00:03:27	123.4	829.8	828.39
00:03:18		3719.6	4181.26
00:03:09		5088.2	5098.80
00:03:00	124.0	5064.7	5076.64
00:02:51		5049.6	5061.09
00:02:42		5031.1	5042.10
00:02:33	124.1	4868.2	4868.97
00:02:24		5478.5	5490.48
00:02:15		5477.7	5490.82
00:02:06		5477.7	5490.84
00:01:57	124.0	5477.8	5490.85
00:01:48		5477.7	5490.91
00:01:39		5477.7	5490.82
00:01:30	124.1	5477.7	5490.83
00:01:21		5477.7	5490.83
00:01:12		5477.7	5490.84
00:01:03	124.1	5477.7	5490.84
00:00:54		5477.7	5490.84
00:00:45		5477.7	5490.83
00:00:36		5477.7	5490.82
00:00:27	124.1	5477.7	5490.80
00:00:18		5477.6	5490.76
00:00:09		5477.6	5490.73
00:00:00	124.1	5477.5	5490.62

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 14:26

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_265LTP	FN:407	PRODUCER	29−Nov−2004 14:26
BACKUP	MDT_OFA_265LTP	FN:408	PRODUCER	29−Nov−2004 14:26

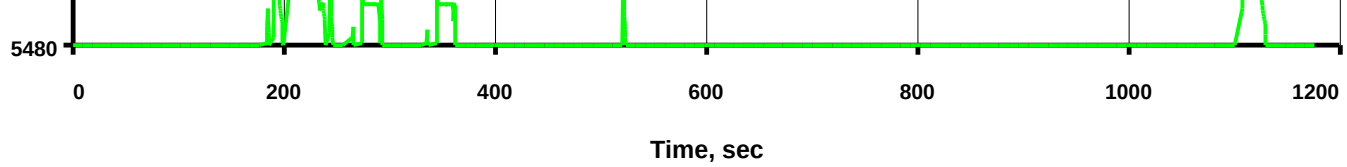
Schlumberger

Pretest @ 3434.0 mMD
(Lost seal)

MAXIS Field Log

File 262 Depth, M: 3434.02 Lost Seal − Large−Diameter probe

Mud Pressure before test, PSIA: 5491.01
Mud Pressure after test, PSIA: 5490.73



Pretest Volume: 9.9 cc – MRPS_1– BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_262LTP	FN:401	PRODUCER	29–Nov–2004 13:47	3434.0 M	3.0 M
BACKUP	MDT_OFA_262LTP	FN:402	PRODUCER	29–Nov–2004 13:46	3434.0 M	3.0 M

Elapsed Time (s)	Event Summary
1102.8	Retract Single Probe Module (MRPS) 1
864.3	Initialize Multi–Sample Module (MRMS) 1
795.9	Initialize Multi–Sample Module (MRMS) 1
691.2	Initialize Multi–Sample Module (MRMS) 1
340.2	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
269.7	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
199.8	Probe Set @ 3434.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

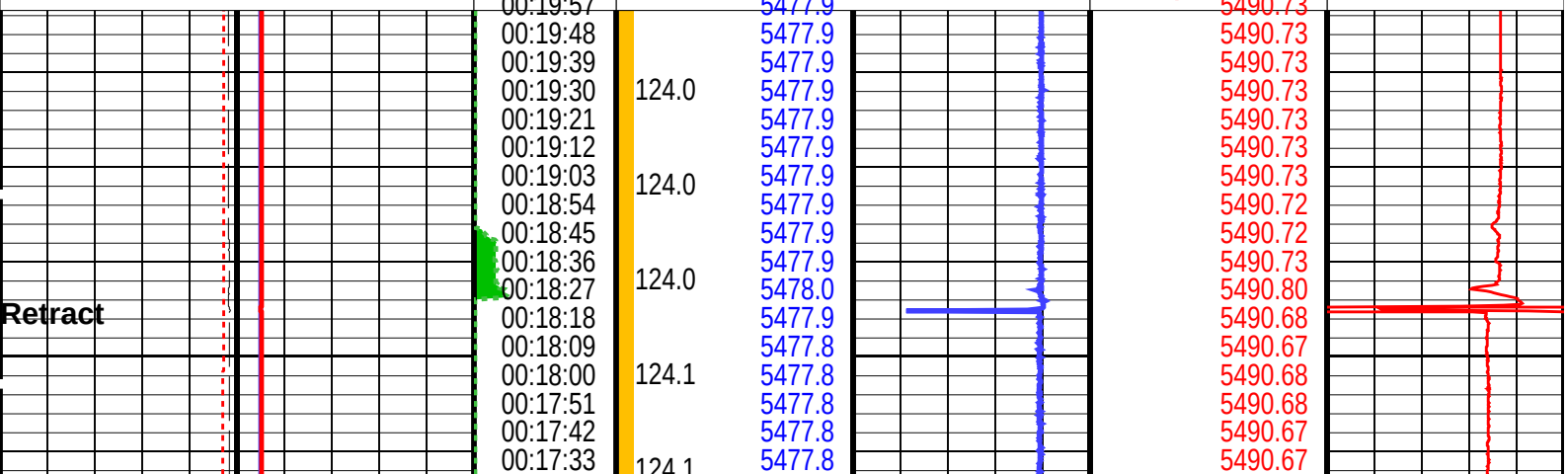
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

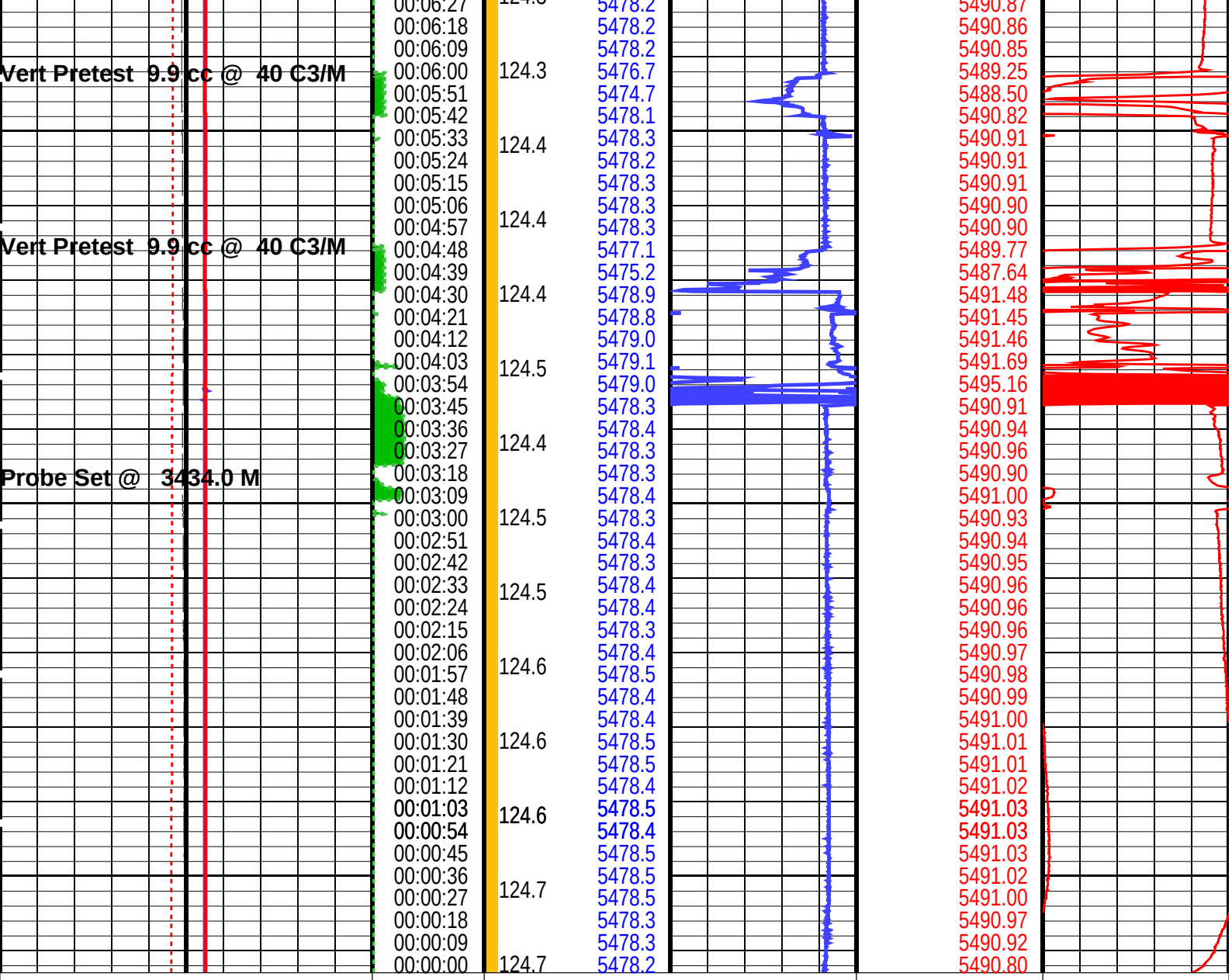
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



	00:17:24	124.1	5477.9	5490.68
	00:17:15		5477.9	5490.68
	00:17:06		5477.8	5490.67
	00:16:57	124.1	5477.8	5490.68
	00:16:48		5477.8	5490.68
	00:16:39		5477.8	5490.67
	00:16:30	124.1	5477.8	5490.69
	00:16:21		5477.8	5490.68
	00:16:12		5477.9	5490.68
	00:16:03	124.1	5477.8	5490.69
	00:15:54		5477.9	5490.68
	00:15:45		5477.9	5490.69
	00:15:36	124.1	5477.8	5490.69
	00:15:27		5477.8	5490.69
	00:15:18		5477.9	5490.69
	00:15:09		5477.9	5490.70
	00:15:00	124.1	5477.8	5490.69
	00:14:51		5477.8	5490.69
	00:14:42		5477.9	5490.69
	00:14:33	124.2	5477.8	5490.69
Initialize	00:14:24		5477.9	5490.69
	00:14:15		5477.9	5490.69
	00:14:06	124.2	5477.9	5490.69
	00:13:57		5477.8	5490.70
	00:13:48		5477.9	5490.70
	00:13:39		5477.9	5490.70
	00:13:30	124.2	5477.9	5490.71
	00:13:21		5477.8	5490.70
Initialize	00:13:12		5477.9	5490.71
	00:13:03	124.2	5477.9	5490.70
	00:12:54		5477.9	5490.70
	00:12:45		5477.9	5490.71
	00:12:36	124.2	5477.9	5490.70
	00:12:27		5477.9	5490.71
	00:12:18		5478.0	5490.71
	00:12:09		5477.9	5490.71
	00:12:00	124.2	5477.9	5490.71
	00:11:51		5477.8	5490.71
	00:11:42		5477.9	5490.71
	00:11:33	124.2	5477.9	5490.71
Initialize	00:11:24		5477.9	5490.71
	00:11:15		5477.9	5490.71
	00:11:06	124.2	5477.9	5490.71
	00:10:57		5477.9	5490.71
	00:10:48		5477.9	5490.71
	00:10:39		5477.9	5490.71
	00:10:30	124.2	5477.9	5490.72
	00:10:21		5478.0	5490.72
	00:10:12		5478.0	5490.72
	00:10:03	124.2	5477.9	5490.72
	00:09:54		5477.9	5490.73
	00:09:45		5477.9	5490.73
	00:09:36	124.2	5478.0	5490.73
	00:09:27		5478.0	5490.74
	00:09:18		5478.0	5490.74
	00:09:09		5478.0	5490.75
	00:09:00	124.2	5478.0	5490.74
	00:08:51		5478.0	5490.74
	00:08:42		5477.9	5490.30
	00:08:33	124.2	5478.1	5490.82
	00:08:24		5478.1	5490.83
	00:08:15		5478.1	5490.83
	00:08:06	124.3	5478.1	5490.84
	00:07:57		5478.1	5490.85
	00:07:48		5478.1	5490.85
	00:07:39		5478.1	5490.86
	00:07:30	124.3	5478.1	5490.86
	00:07:21		5478.2	5490.87
	00:07:12		5478.2	5490.88
	00:07:03	124.3	5478.2	5490.88
	00:06:54		5478.2	5490.87
	00:06:45		5478.2	5490.87
	00:06:36	124.3	5478.2	5490.88



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	MRPS_1: Single Probe Module (MRPS) 1	
QGCA	Quartz Gauge Pressure Correction Applied	DYCO
QGDA	Quartz Gauge Deviation Angle	0 DEG

QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 13:47

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_262LTP	FN:401	PRODUCER	29−Nov−2004 13:47
BACKUP	MDT_OFA_262LTP	FN:402	PRODUCER	29−Nov−2004 13:46

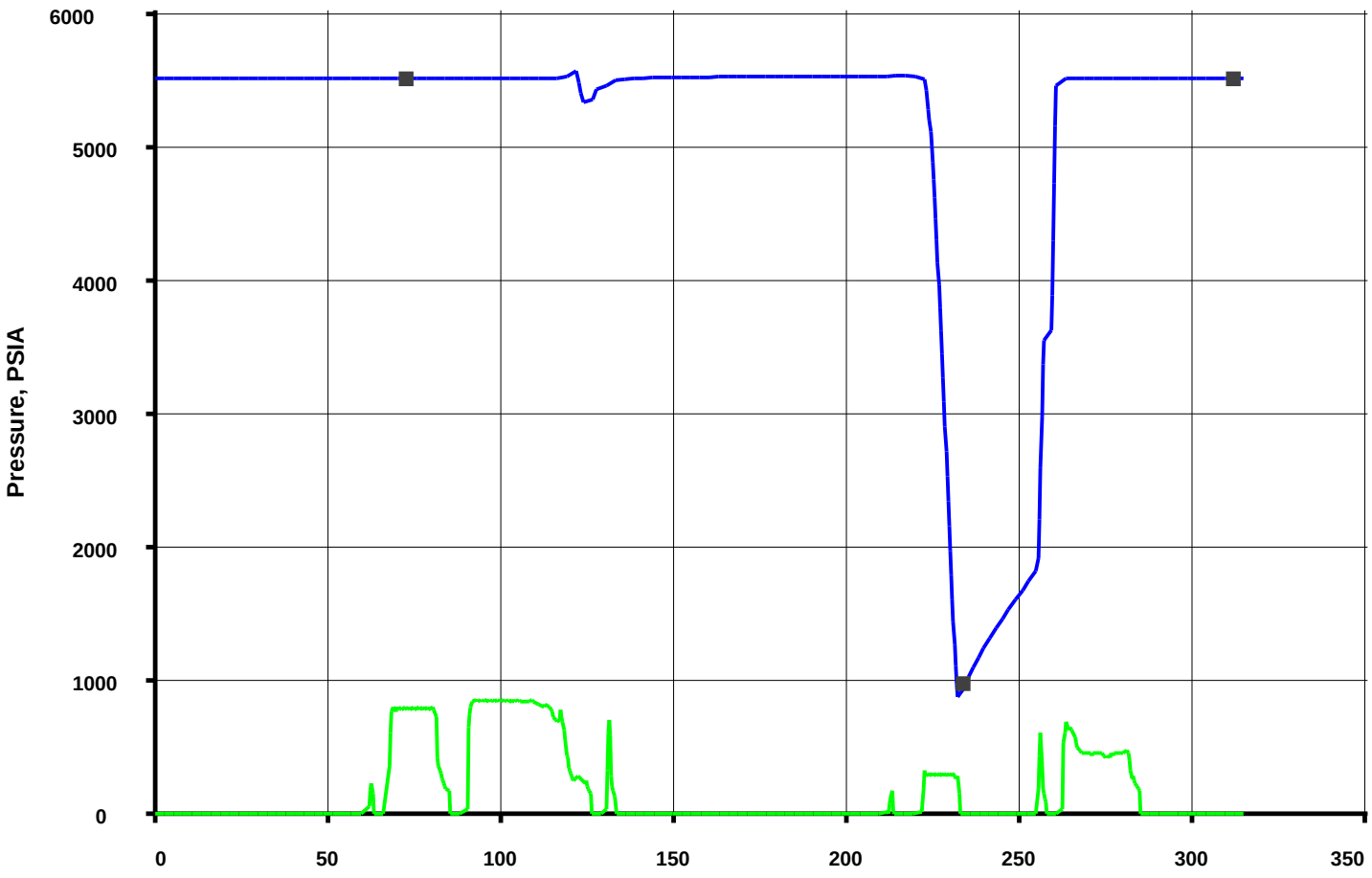
Schlumberger

Pretest @ 3434.0 mMD
(Dry Test)

MAXIS Field Log

File 263 Depth, M: 3434.02 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	5490.79
Mud Pressure after test, PSIA:	5490.69
Last build−up pressure, PSIA:	974.45



Time, sec

Pretest Volume: 5.6 cc – MRPS_1– BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_263LTP	FN:403	PRODUCER	29–Nov–2004 14:11	3434.0 M	0.8 M
BACKUP	MDT_OFA_263LTP	FN:404	PRODUCER	29–Nov–2004 14:11	3434.0 M	0.8 M

Elapsed Time (s)	Event Summary
257.7	Retract Single Probe Module (MRPS) 1
216.9	Vert Pretest 5.6 cc @ 40 C3/M Single Probe Module (MRPS) 1
85.8	Probe Set @ 3434.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

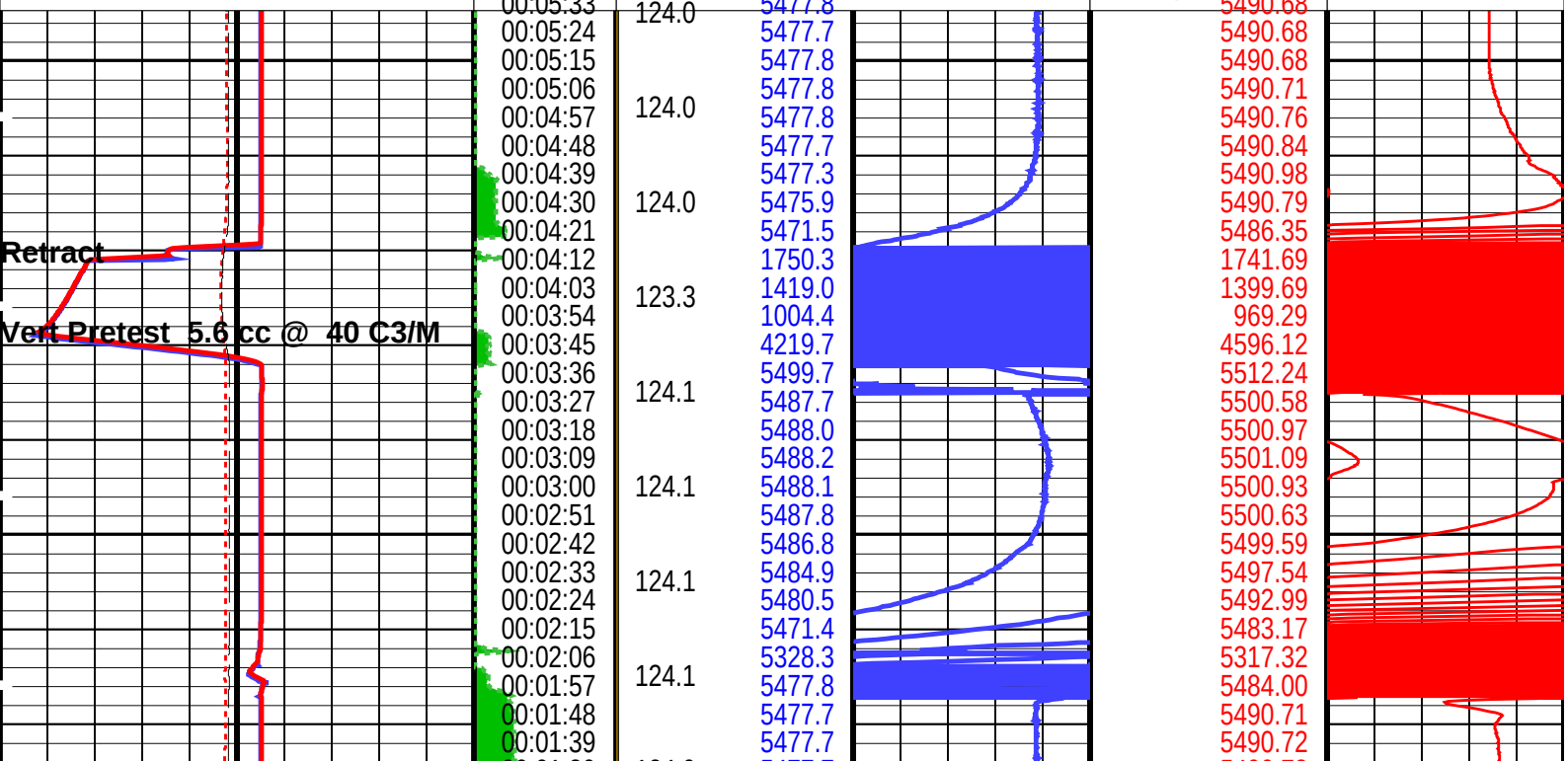
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

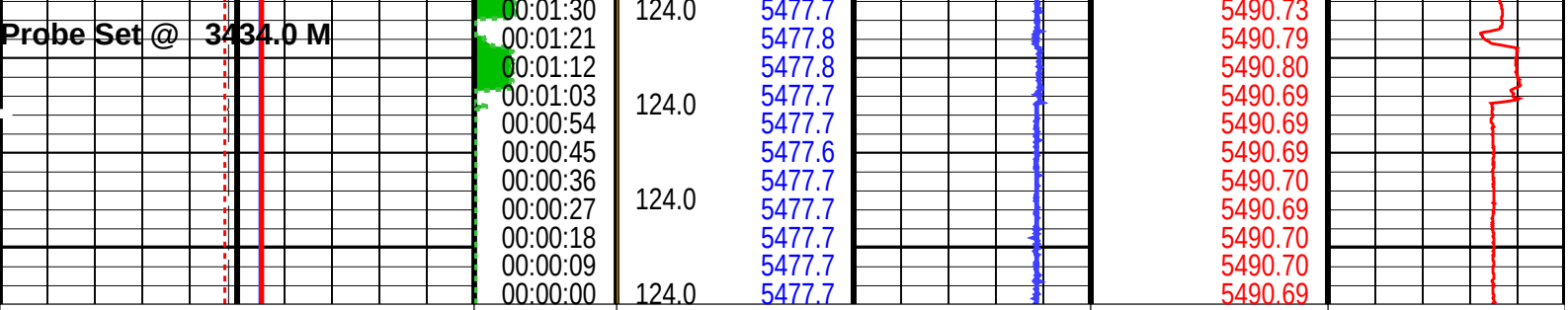
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:05:33	124.0	5477.8	5490.68
00:05:24		5477.7	5490.68
00:05:15		5477.8	5490.68
00:05:06	124.0	5477.8	5490.71
00:04:57		5477.8	5490.76
00:04:48		5477.7	5490.84
00:04:39		5477.3	5490.98
00:04:30	124.0	5475.9	5490.79
00:04:21		5471.5	5486.35
00:04:12		1750.3	1741.69
00:04:03	123.3	1419.0	1399.69
00:03:54		1004.4	969.29
00:03:45		4219.7	4596.12
00:03:36	124.1	5499.7	5512.24
00:03:27		5487.7	5500.58
00:03:18		5488.0	5500.97
00:03:09		5488.2	5501.09
00:03:00	124.1	5488.1	5500.93
00:02:51		5487.8	5500.63
00:02:42		5486.8	5499.59
00:02:33	124.1	5484.9	5497.54
00:02:24		5480.5	5492.99
00:02:15		5471.4	5483.17
00:02:06	124.1	5328.3	5317.32
00:01:57		5477.8	5484.00
00:01:48		5477.7	5490.71
00:01:39		5477.7	5490.72



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29-Nov-2004 14:11

OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRPO_UD	12C0-301	LFA	12C0-301
MRMS_1	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT	MDT_OFA_263LTP	FN:403	PRODUCER	29-Nov-2004 14:11
BACKUP	MDT_OFA_263LTP	FN:404	PRODUCER	29-Nov-2004 14:11

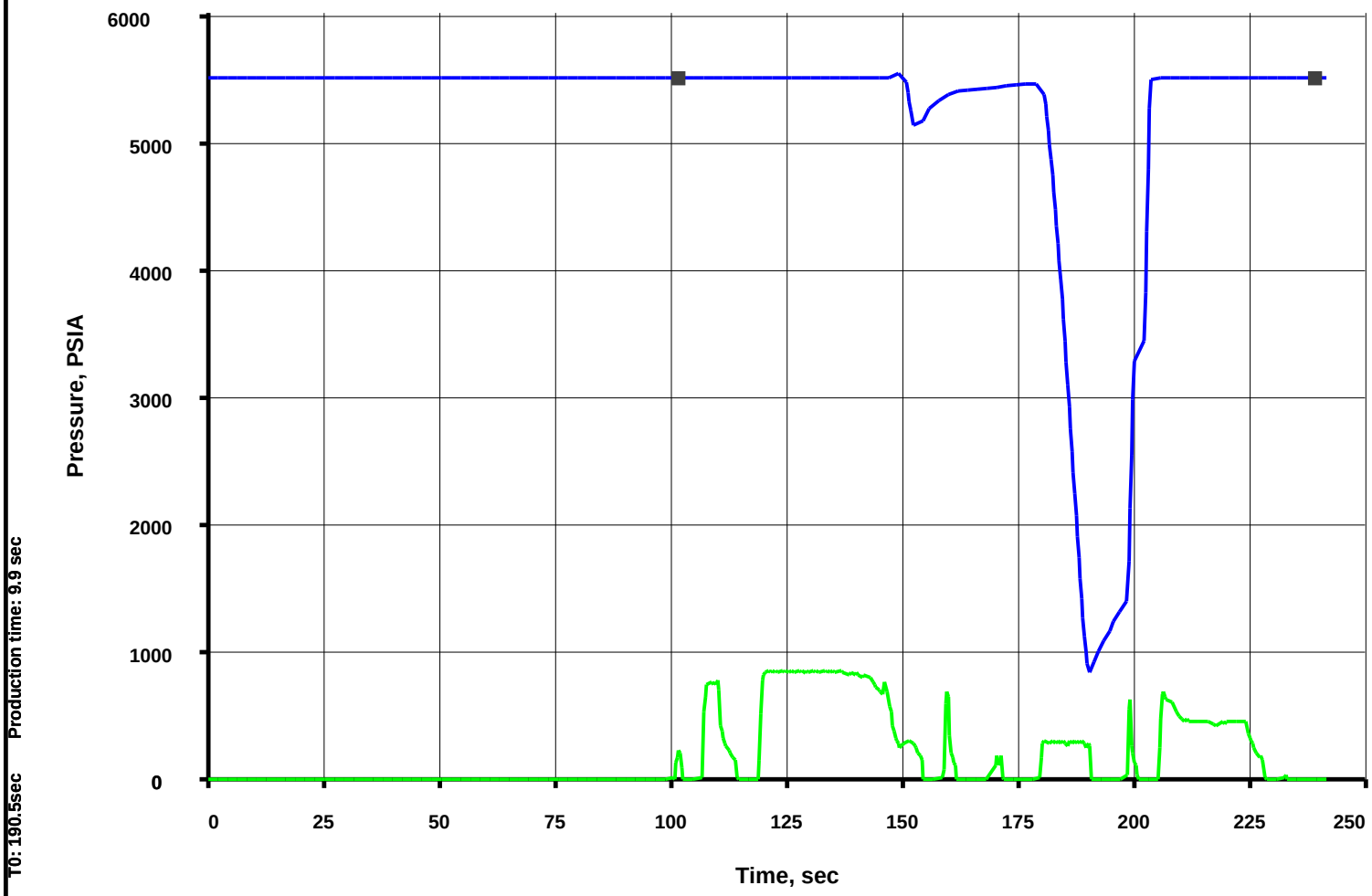
Schlumberger

Pretest @ 3434.0 mMD
(Dry Test)

MAXIS Field Log

File 264 Depth, M: 3433.98 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA: 5491.02
Mud Pressure after test, PSIA: 5490.91



Pretest Volume: 5.6 cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_264LTP	FN:405	PRODUCER	29−Nov−2004 14:20	3434.0 M	0.7 M
BACKUP	MDT_OFA_264LTP	FN:406	PRODUCER	29−Nov−2004 14:19	3434.0 M	0.7 M

Elapsed Time (s)	Event Summary
201.3	Retract Single Probe Module (MRPS) 1
175.5	Vert Pretest 5.6 cc @ 40 C3/M Single Probe Module (MRPS) 1
114.9	Probe Set @ 3434.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

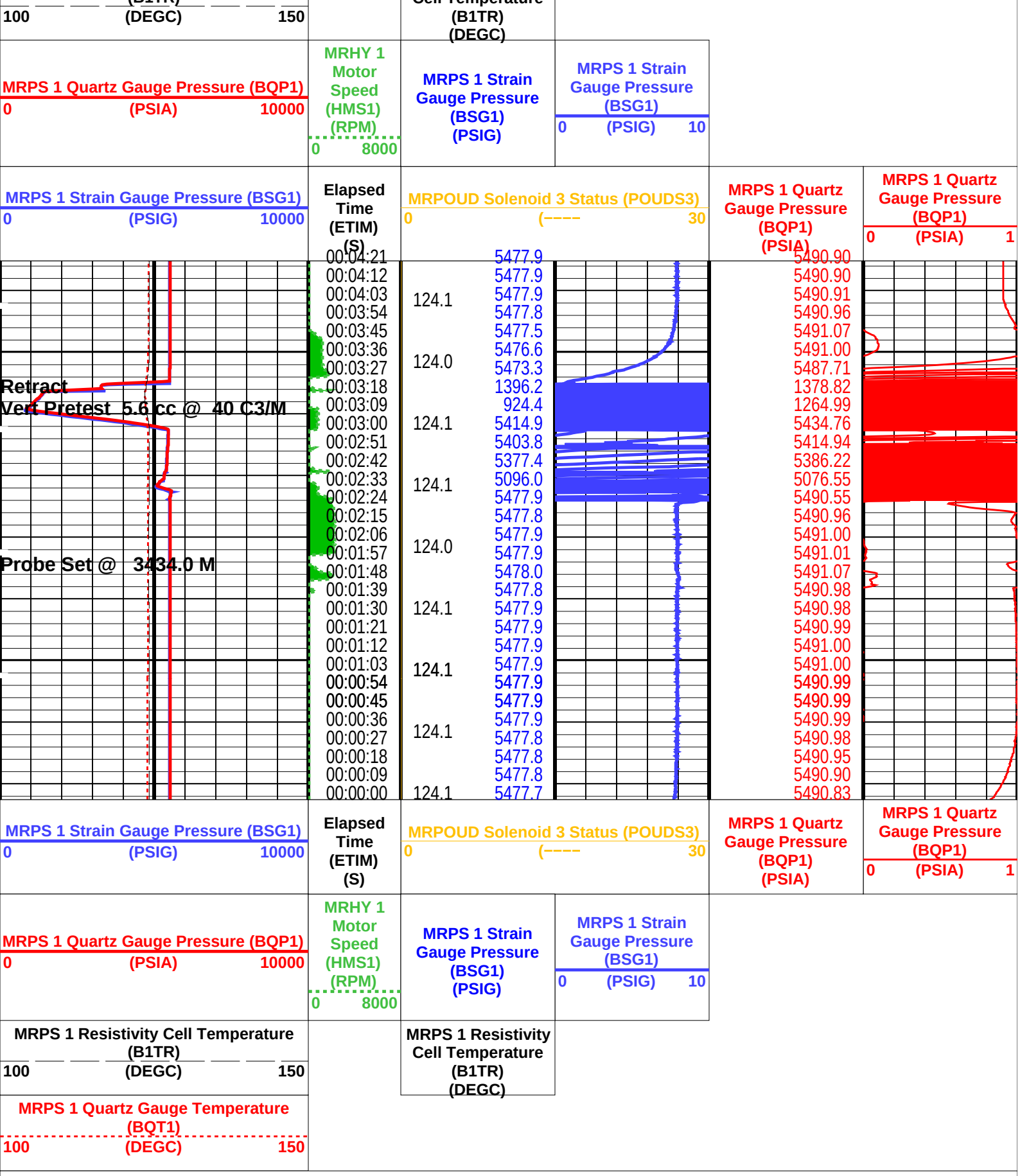
Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)

100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)

MRPS 1 Resistivity Cell Temperature



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	MRPS_1: Single Probe Module (MRPS) 1	
QGCA	Quartz Gauge Pressure Correction Applied	DYCO
QGDA	Quartz Gauge Deviation Angle	0 DEG

QGFD	Quartz Gauge Flow Line Density	1	G/C3
LFA: Live Fluid Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 14:20

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_264LTP	FN:405	PRODUCER	29−Nov−2004 14:20
BACKUP	MDT_OFA_264LTP	FN:406	PRODUCER	29−Nov−2004 14:19

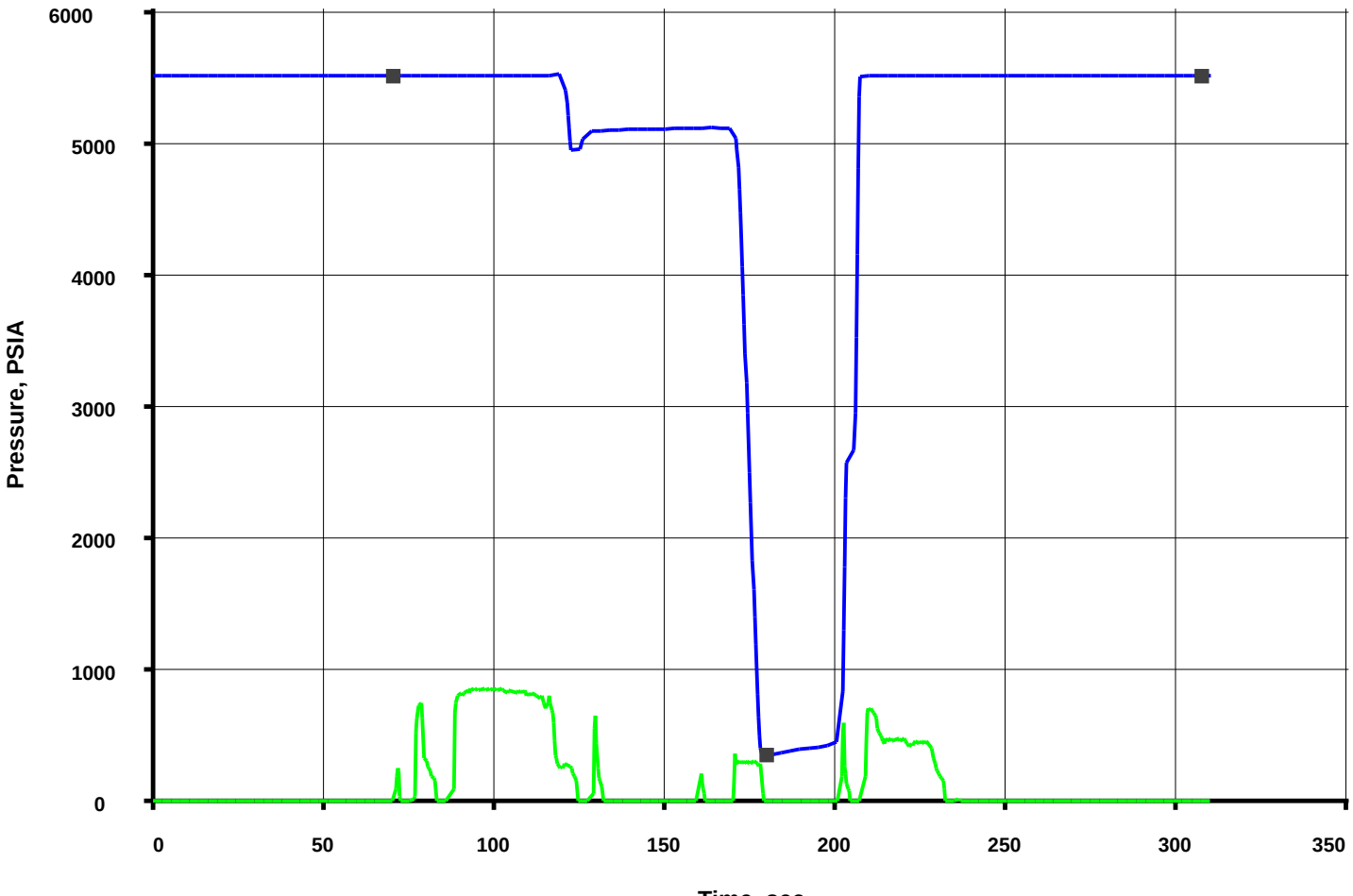
Schlumberger

Pretest @ 3434.2 mMD

MAXIS Field Log

File 266 Depth, M: 3434.21 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	5491.51
Mud Pressure after test, PSIA:	5491.34
Last build−up pressure, PSIA:	350.2



Time, sec

Pretest Volume: 4.2 cc – MRPS_1– BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_266LTP	FN:409	PRODUCER	29–Nov–2004 14:33	3434.2 M	0.8 M
BACKUP	MDT_OFA_266LTP	FN:410	PRODUCER	29–Nov–2004 14:33	3434.2 M	0.8 M

Elapsed Time (s)	Event Summary
204.3	Retract Single Probe Module (MRPS) 1
165.6	Vert Pretest 4.2 cc @ 40 C3/M Single Probe Module (MRPS) 1
83.7	Probe Set @ 3434.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

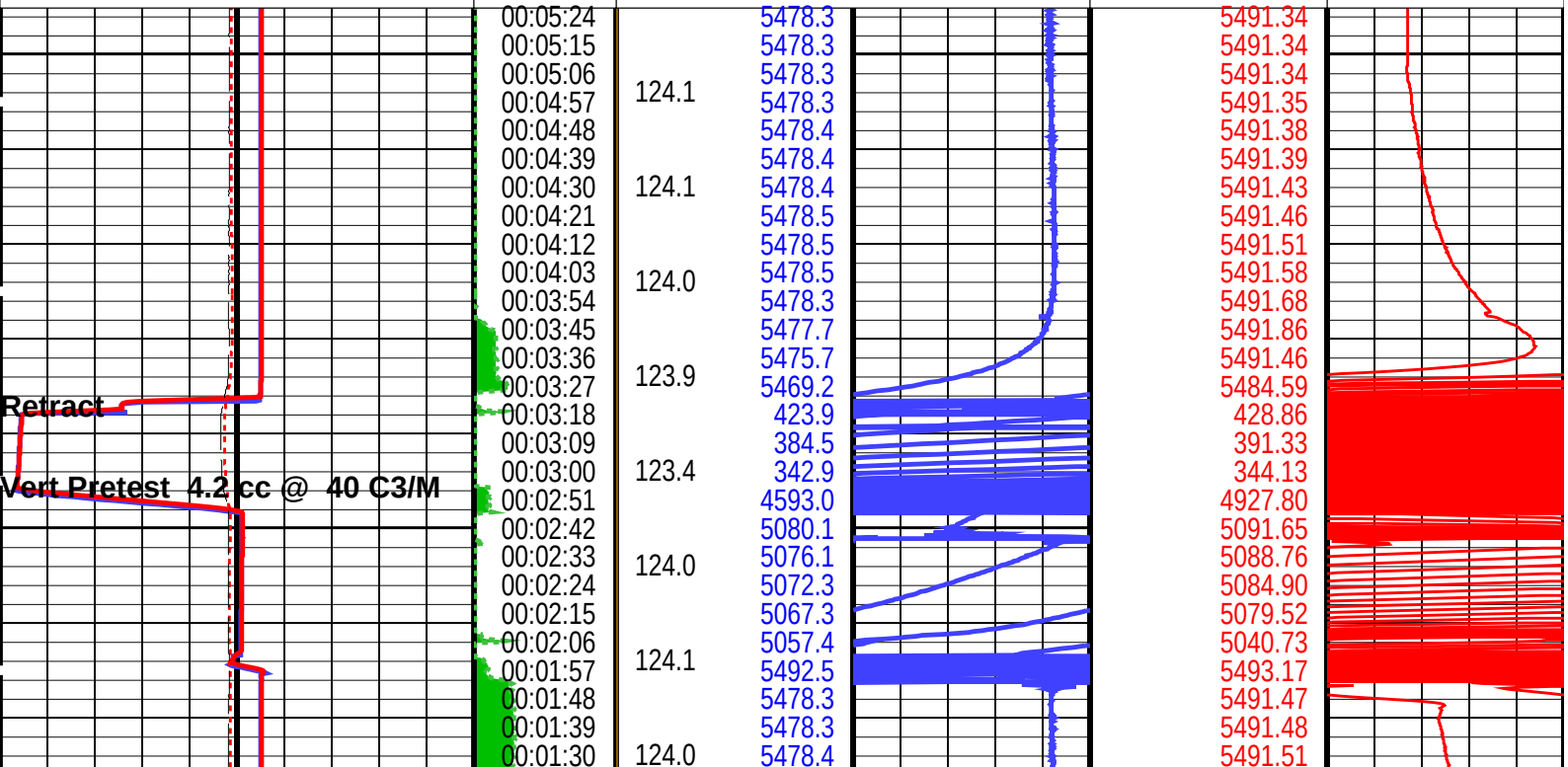
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

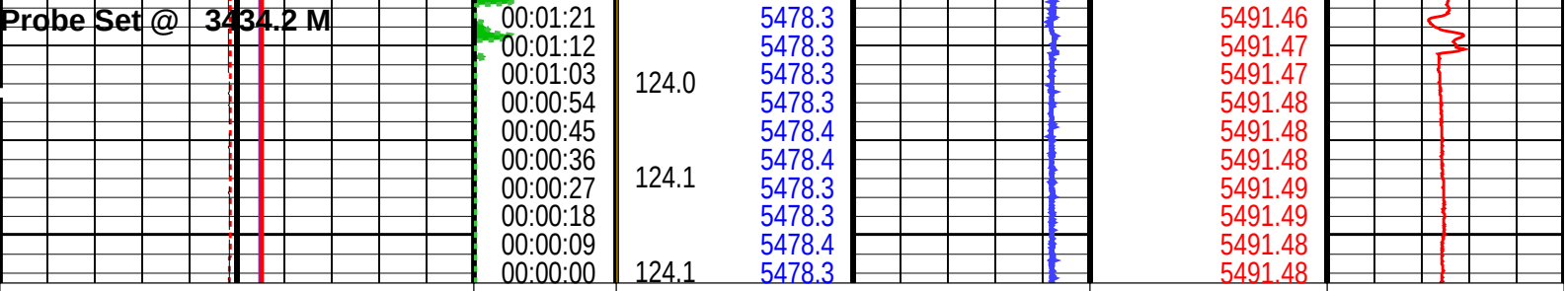
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:05:24		5478.3	5491.34
00:05:15		5478.3	5491.34
00:05:06		5478.3	5491.34
00:04:57	124.1	5478.3	5491.35
00:04:48		5478.4	5491.38
00:04:39		5478.4	5491.39
00:04:30	124.1	5478.4	5491.43
00:04:21		5478.5	5491.46
00:04:12		5478.5	5491.51
00:04:03	124.0	5478.5	5491.58
00:03:54		5478.3	5491.68
00:03:45		5477.7	5491.86
00:03:36		5475.7	5491.46
00:03:27	123.9	5469.2	5484.59
00:03:18		423.9	428.86
00:03:09		384.5	391.33
00:03:00	123.4	342.9	344.13
00:02:51		4593.0	4927.80
00:02:42		5080.1	5091.65
00:02:33	124.0	5076.1	5088.76
00:02:24		5072.3	5084.90
00:02:15		5067.3	5079.52
00:02:06		5057.4	5040.73
00:01:57	124.1	5492.5	5493.17
00:01:48		5478.3	5491.47
00:01:39		5478.3	5491.48
00:01:30	124.0	5478.4	5491.51



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29-Nov-2004 14:33

OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRPO_UD	12C0-301	LFA	12C0-301
MRMS_1	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

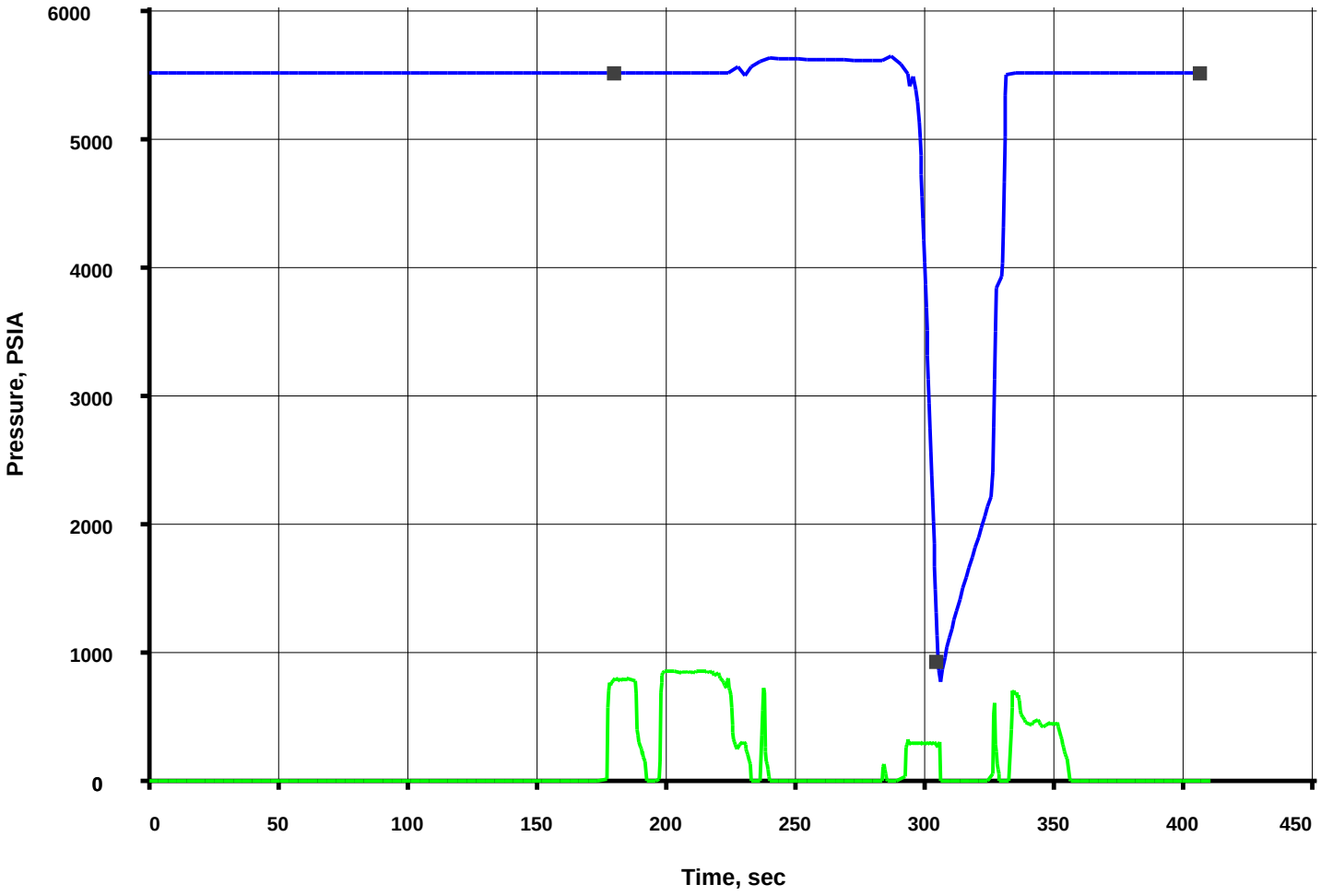
DEFAULT	MDT_OFA_266LTP	FN:409	PRODUCER	29-Nov-2004 14:33
BACKUP	MDT_OFA_266LTP	FN:410	PRODUCER	29-Nov-2004 14:33

Schlumberger

Pretest @ 3435.0 mMD

File 261 Depth, M: 3435.04 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	5492.37
Mud Pressure after test, PSIA:	5492.22
Last build−up pressure, PSIA:	932.32



Pretest Volume: 7.3 cc − MRPS_1− BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_261LTP	FN:399	PRODUCER	29−Nov−2004 13:35	3435.0 M	1.1 M
BACKUP	MDT_OFA_261LTP	FN:400	PRODUCER	29−Nov−2004 13:35	3435.0 M	1.1 M

Elapsed Time (s)	Event Summary
327.9	Retract Single Probe Module (MRPS) 1
286.8	Vert Pretest 7.3 cc @ 40 C3/M Single Probe Module (MRPS) 1
192.3	Probe Set @ 3435.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)		
100	(DEGC)	150

MRPS 1 Resistivity Cell Temperature (B1TR)		
100	(DEGC)	150

MRPS 1 Resistivity Cell Temperature (B1TR)

100 (DEGC) 150

(B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

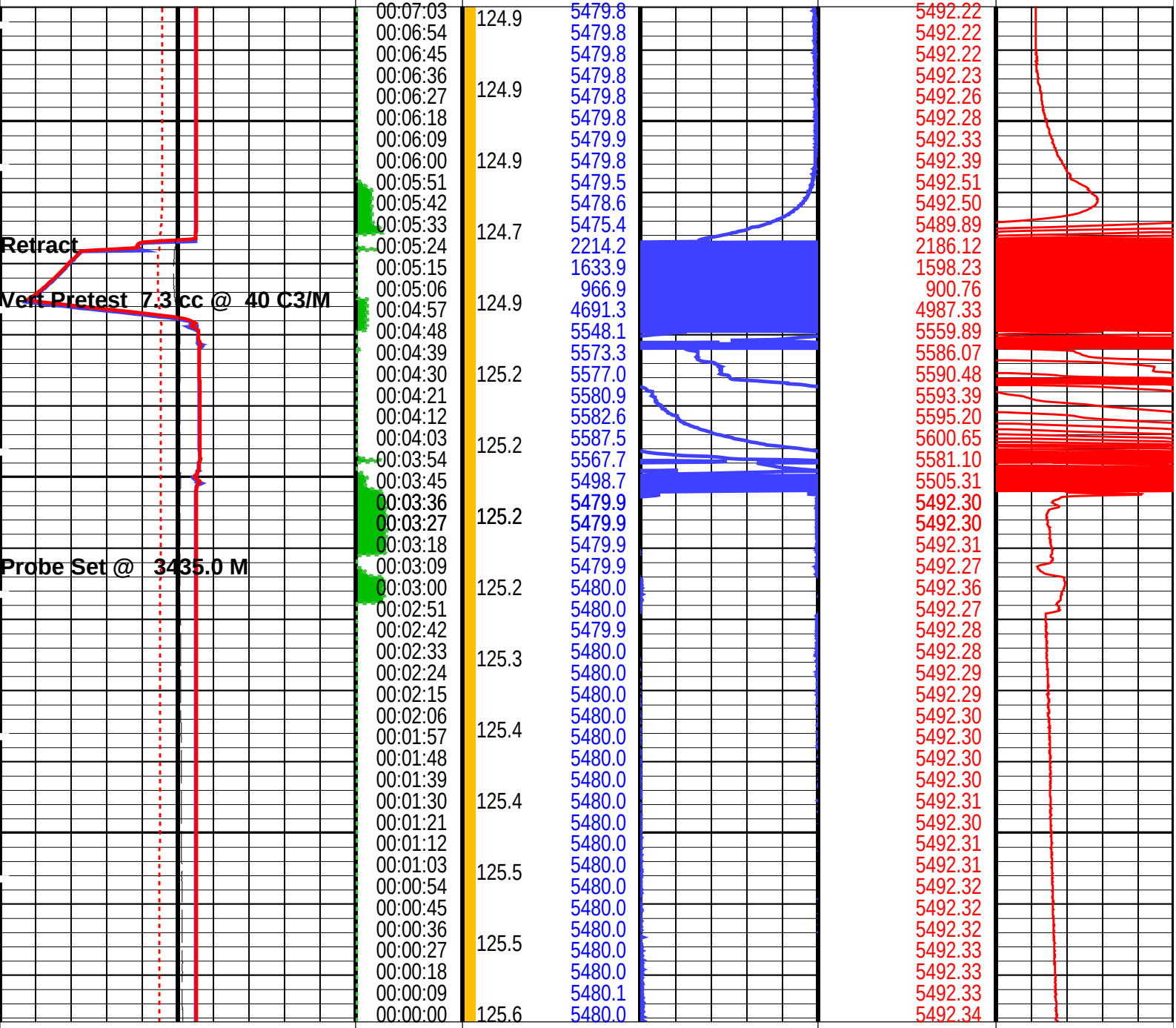
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:07:03	124.9	5479.8	5492.22
00:06:54		5479.8	5492.22
00:06:45		5479.8	5492.22
00:06:36		5479.8	5492.23
00:06:27	124.9	5479.8	5492.26
00:06:18		5479.8	5492.28
00:06:09		5479.9	5492.33
00:06:00	124.9	5479.8	5492.39
00:05:51		5479.5	5492.51
00:05:42		5478.6	5492.50
00:05:33	124.7	5475.4	5489.89
00:05:24		2214.2	2186.12
00:05:15		1633.9	1598.23
00:05:06		966.9	900.76
00:04:57	124.9	4691.3	4987.33
00:04:48		5548.1	5559.89
00:04:39		5573.3	5586.07
00:04:30	125.2	5577.0	5590.48
00:04:21		5580.9	5593.39
00:04:12		5582.6	5595.20
00:04:03	125.2	5587.5	5600.65
00:03:54		5567.7	5581.10
00:03:45		5498.7	5505.31
00:03:36	125.2	5479.9	5492.30
00:03:27		5479.9	5492.30
00:03:18		5479.9	5492.31
00:03:09		5479.9	5492.27
00:03:00	125.2	5480.0	5492.36
00:02:51		5480.0	5492.27
00:02:42		5479.9	5492.28
00:02:33	125.3	5480.0	5492.28
00:02:24		5480.0	5492.29
00:02:15		5480.0	5492.29
00:02:06		5480.0	5492.30
00:01:57	125.4	5480.0	5492.30
00:01:48		5480.0	5492.30
00:01:39		5480.0	5492.30
00:01:30	125.4	5480.0	5492.31
00:01:21		5480.0	5492.30
00:01:12		5480.0	5492.31
00:01:03	125.5	5480.0	5492.31
00:00:54		5480.0	5492.32
00:00:45		5480.0	5492.32
00:00:36		5480.0	5492.32
00:00:27	125.5	5480.0	5492.33
00:00:18		5480.0	5492.33
00:00:09		5480.1	5492.33
00:00:00	125.6	5480.0	5492.34

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)		
100	(DEGC)	150

MRPS 1 Quartz Gauge Temperature (BQT1)		
100	(DEGC)	150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 13:35

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_261LTP	FN:399	PRODUCER	29−Nov−2004 13:35
BACKUP	MDT_OFA_261LTP	FN:400	PRODUCER	29−Nov−2004 13:35

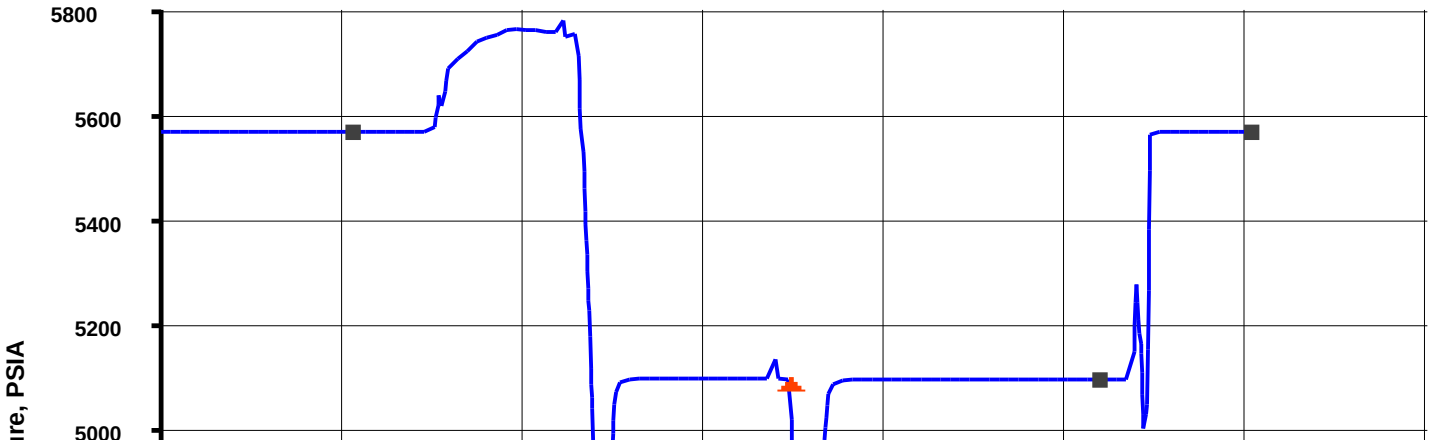
Schlumberger

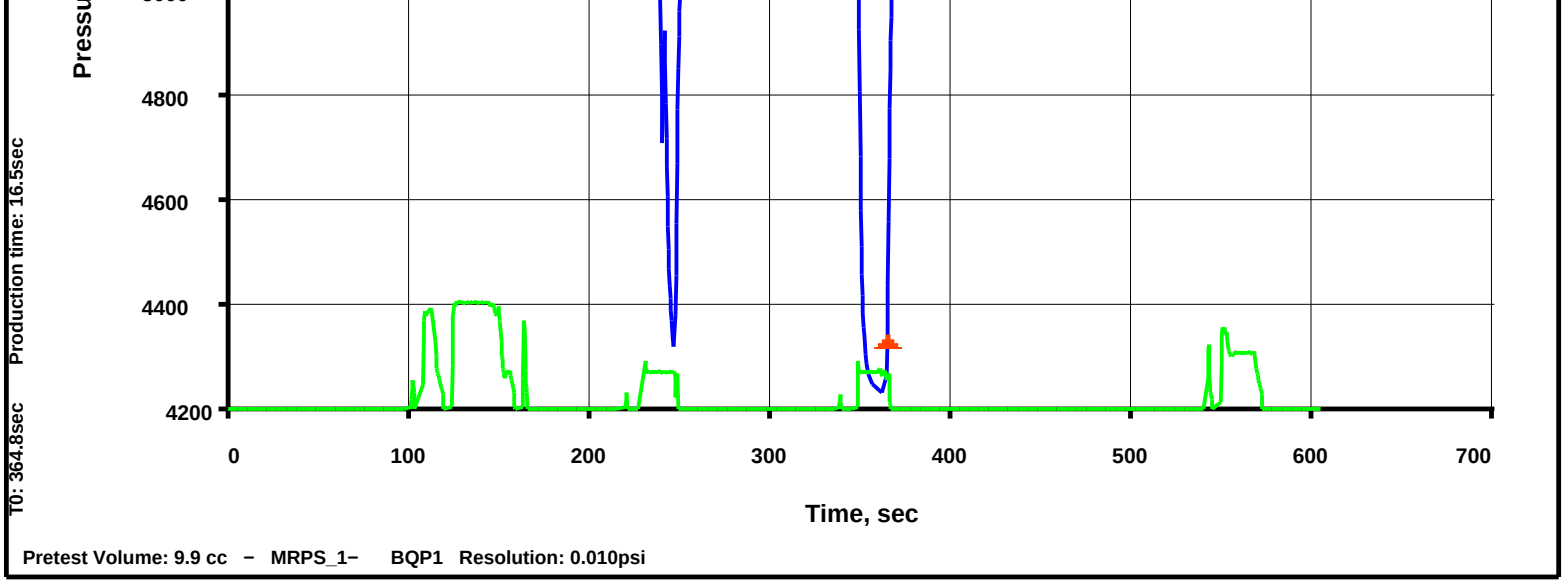
Pretest @ 3483.0 mMD

MAXIS Field Log

File 260 Depth, M: 3482.99 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5567.23
Mud Pressure after test, PSIA:	5566.77
Last build−up pressure, PSIA:	5095.75
Draw−down mobility, md/cp:	1.7





Output DLIS Files

DEFAULT	MDT_OFA_260LTP	FN:397	PRODUCER	29–Nov–2004 13:11
BACKUP	MDT_OFA_260LTP	FN:398	PRODUCER	29–Nov–2004 13:11

Elapsed Time (s)	Event Summary
544.2	Retract Single Probe Module (MRPS) 1
343.2	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
225.3	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
119.7	Probe Set @ 3483.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

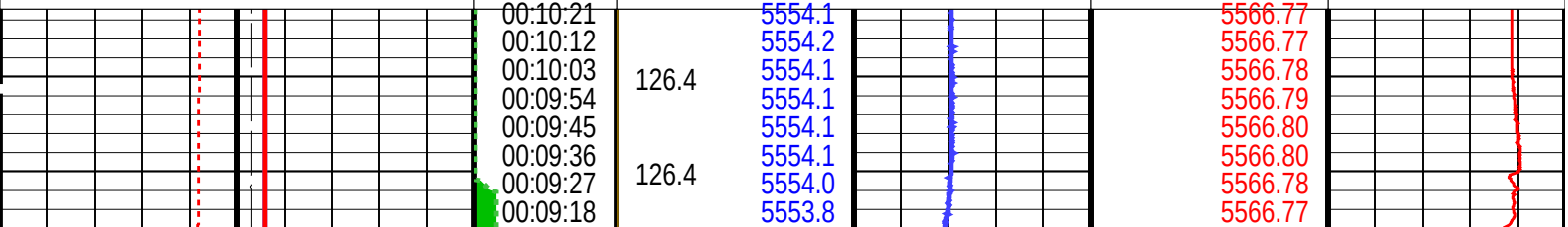
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

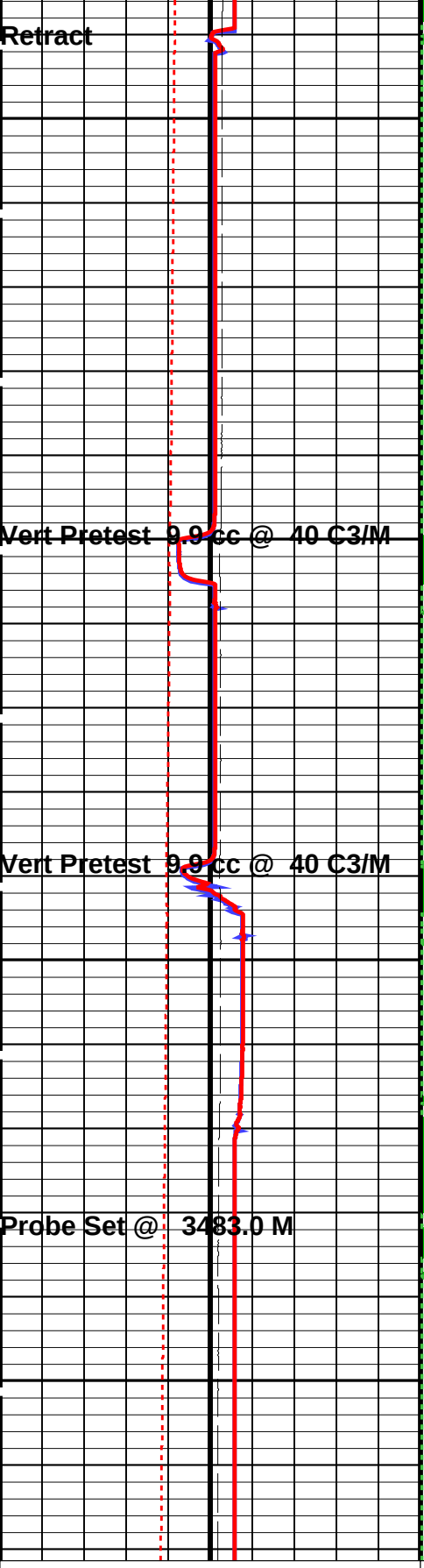
MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

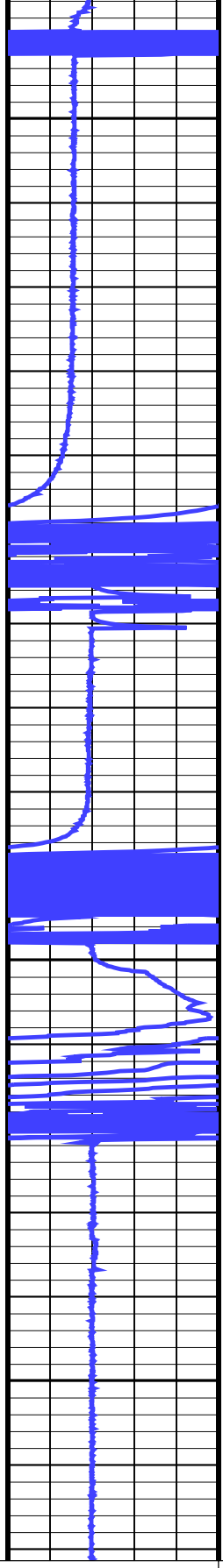
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1

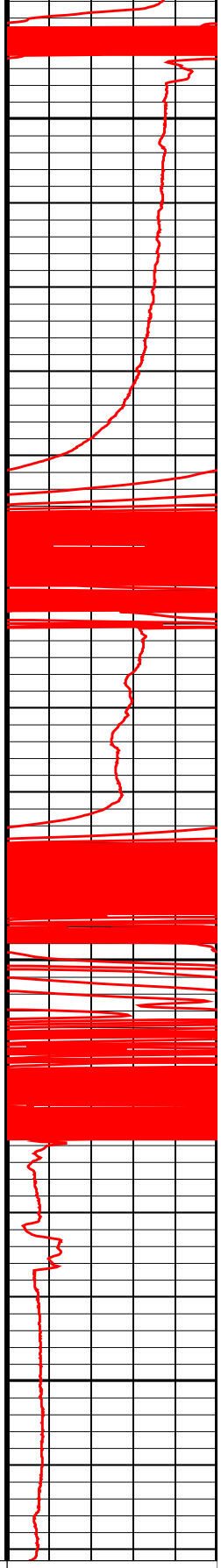


Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)		MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:10:21		5554.1	5566.77
00:10:12		5554.2	5566.77
00:10:03	126.4	5554.1	5566.78
00:09:54		5554.1	5566.79
00:09:45		5554.1	5566.80
00:09:36		5554.1	5566.80
00:09:27	126.4	5554.0	5566.78
00:09:18		5553.8	5566.77



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:09:09		5553.1	5566.08
00:09:00	126.3	5173.8	5223.24
00:08:51		5083.1	5095.87
00:08:42		5083.1	5095.75
00:08:33	126.3	5083.1	5095.75
00:08:24		5083.1	5095.74
00:08:15		5083.1	5095.74
00:08:06		5083.1	5095.74
00:07:57	126.3	5083.1	5095.72
00:07:48		5083.0	5095.72
00:07:39		5083.1	5095.70
00:07:30	126.3	5083.0	5095.69
00:07:21		5083.0	5095.67
00:07:12		5083.0	5095.65
00:07:03	126.3	5083.0	5095.62
00:06:54		5083.0	5095.56
00:06:45		5082.8	5095.47
00:06:36		5082.6	5095.31
00:06:27	126.2	5082.1	5094.88
00:06:18		5080.7	5093.51
00:06:09		5063.0	5067.44
00:06:00	126.0	4226.4	4243.09
00:05:51		4319.5	4383.35
00:05:42		5075.4	5089.06
00:05:33	126.1	5086.8	5097.61
00:05:24		5083.9	5096.64
00:05:15		5083.8	5096.57
00:05:06		5083.8	5096.59
00:04:57	126.1	5083.8	5096.52
00:04:48		5083.8	5096.52
00:04:39		5083.8	5096.52
00:04:30	126.1	5083.7	5096.50
00:04:21		5083.1	5095.93
00:04:12		5070.9	5075.46
00:04:03	126.0	4481.1	4604.26
00:03:54		5417.6	5492.78
00:03:45		5739.9	5750.18
00:03:36		5744.0	5757.08
00:03:27	126.1	5747.0	5760.19
00:03:18		5748.7	5761.62
00:03:09		5745.6	5758.25
00:03:00	126.1	5733.4	5746.30
00:02:51		5715.4	5725.47
00:02:42		5670.8	5690.02
00:02:33	125.9	5589.1	5601.65
00:02:24		5554.0	5567.15
00:02:15		5554.0	5567.13
00:02:06		5554.0	5567.15
00:01:57	125.9	5554.0	5567.10
00:01:48		5554.1	5567.20
00:01:39		5554.0	5567.13
00:01:30	125.9	5553.9	5567.15
00:01:21		5554.0	5567.15
00:01:12		5554.0	5567.15
00:01:03	125.8	5553.9	5567.15
00:00:54		5554.0	5567.17
00:00:45		5554.0	5567.16
00:00:36		5553.9	5567.16
00:00:27	125.8	5554.0	5567.16
00:00:18		5553.9	5567.15
00:00:09		5553.9	5567.14
00:00:00	125.8	5553.9	5567.10





MRPS 1 Strain Gauge Pressure (BSG1) (PSIG): 0 – 10000

MRPOUD Solenoid 3 Status (POUDS3): 0 (---- – 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA): 0 – 1

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA): 0 – 10000

MRHY 1 Motor Speed (HMS1) (RPM): 0 – 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG): 0 – 10

MRPS 1 Resistivity Cell Temperature (B1TR)		
100	(DEGC)	150
MRPS 1 Quartz Gauge Temperature (BQT1)		
100	(DEGC)	150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 13:11

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_260LTP	FN:397	PRODUCER	29−Nov−2004 13:11
BACKUP	MDT_OFA_260LTP	FN:398	PRODUCER	29−Nov−2004 13:11

Schlumberger

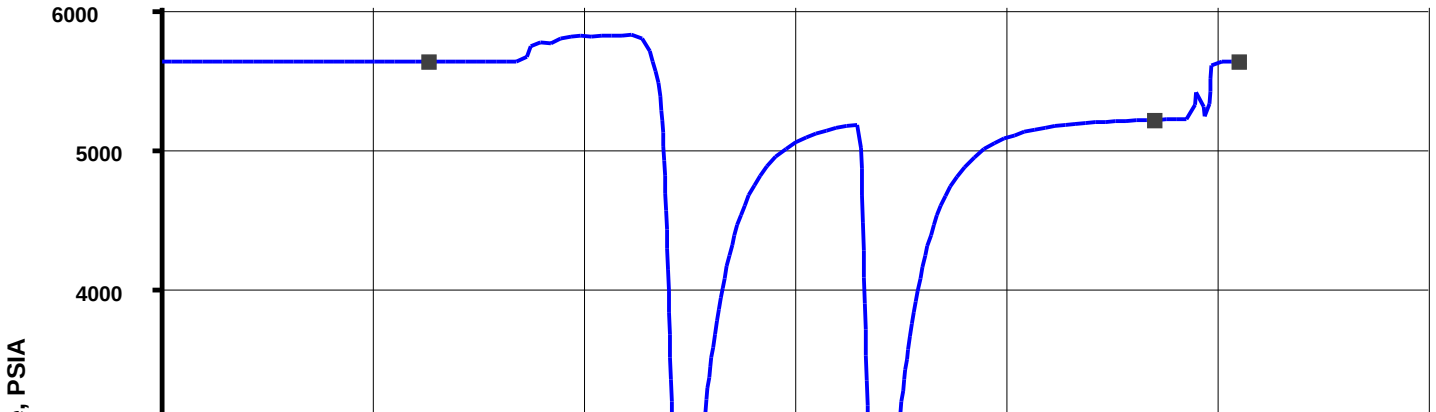
Pretest @ 3514.0 mMD

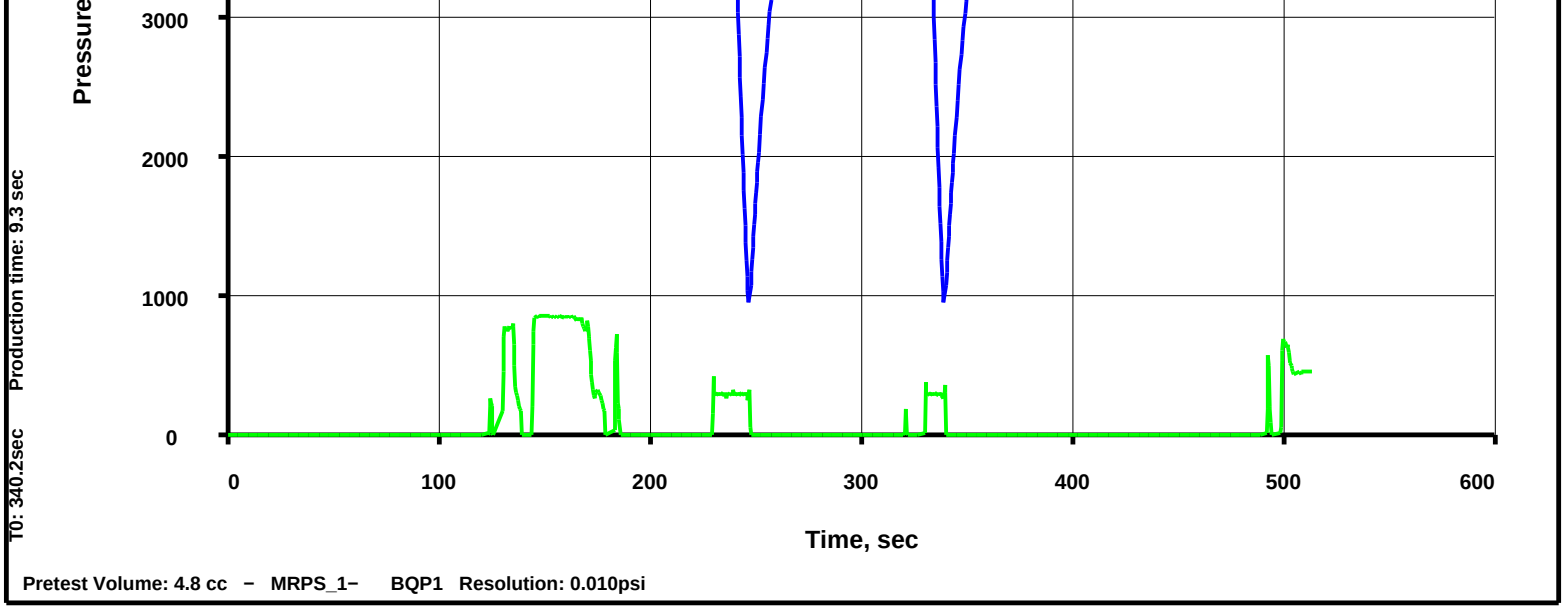
MAXIS Field Log

File 259 Depth, M: 3514.01

Dry Test − Conventional probe

Mud Pressure before test, PSIA:	5615.42
Mud Pressure after test, PSIA:	5615.07
Last build−up pressure, PSIA:	5197.18





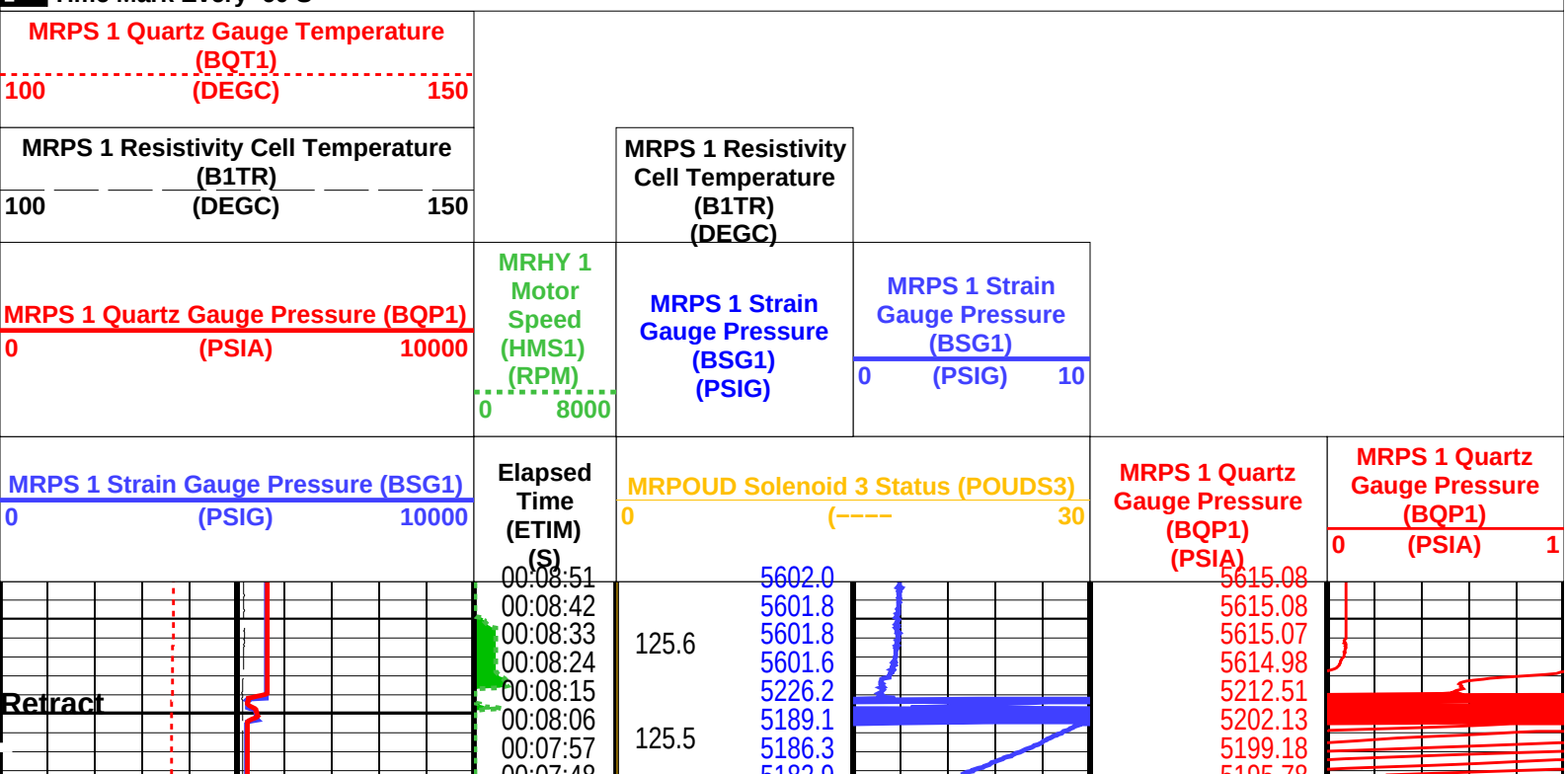
Output DLIS Files

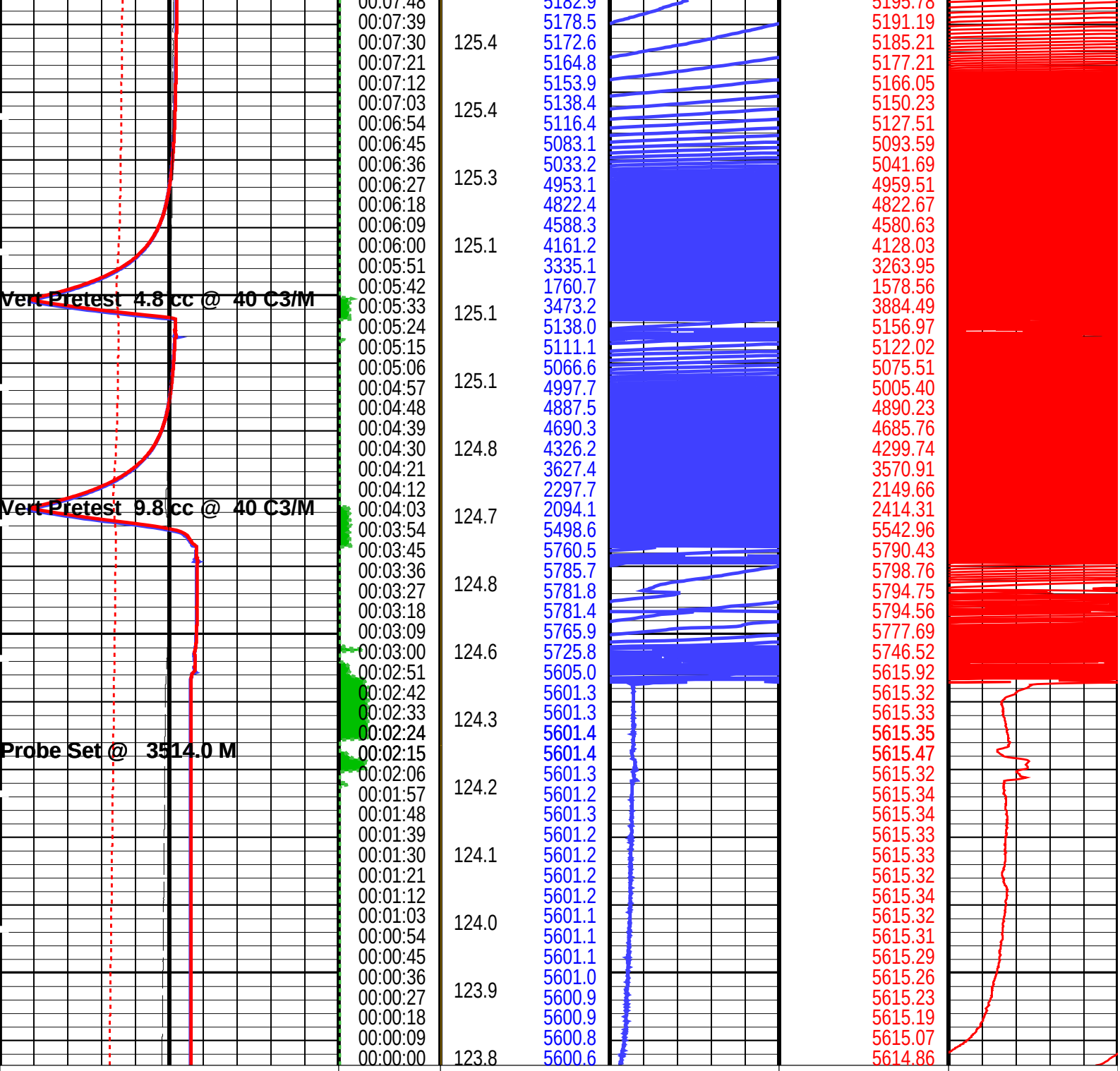
DEFAULT	MDT_OFA_259LTP	FN:395	PRODUCER	29–Nov–2004 12:58	3514.0 M	1.4 M
BACKUP	MDT_OFA_259LTP	FN:396	PRODUCER	29–Nov–2004 12:58	3514.0 M	1.4 M

Elapsed Time (s)	Event Summary
494.7	Retract Single Probe Module (MRPS) 1
325.8	Vert Pretest 4.8 cc @ 40 C3/M Single Probe Module (MRPS) 1
225.3	Vert Pretest 9.8 cc @ 40 C3/M Single Probe Module (MRPS) 1
139.8	Probe Set @ 3514.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:07:48		5182.9	5195.78
00:07:39		5178.5	5191.19
00:07:30	125.4	5172.6	5185.21
00:07:21		5164.8	5177.21
00:07:12		5153.9	5166.05
00:07:03	125.4	5138.4	5150.23
00:06:54		5116.4	5127.51
00:06:45		5083.1	5093.59
00:06:36		5033.2	5041.69
00:06:27	125.3	4953.1	4959.51
00:06:18		4822.4	4822.67
00:06:09		4588.3	4580.63
00:06:00	125.1	4161.2	4128.03
00:05:51		3335.1	3263.95
00:05:42		1760.7	1578.56
00:05:33	125.1	3473.2	3884.49
00:05:24		5138.0	5156.97
00:05:15		5111.1	5122.02
00:05:06		5066.6	5075.51
00:04:57	125.1	4997.7	5005.40
00:04:48		4887.5	4890.23
00:04:39		4690.3	4685.76
00:04:30	124.8	4326.2	4299.74
00:04:21		3627.4	3570.91
00:04:12		2297.7	2149.66
00:04:03	124.7	2094.1	2414.31
00:03:54		5498.6	5542.96
00:03:45		5760.5	5790.43
00:03:36		5785.7	5798.76
00:03:27	124.8	5781.8	5794.75
00:03:18		5781.4	5794.56
00:03:09		5765.9	5777.69
00:03:00	124.6	5725.8	5746.52
00:02:51		5605.0	5615.92
00:02:42		5601.3	5615.32
00:02:33	124.3	5601.3	5615.33
00:02:24		5601.4	5615.35
00:02:15		5601.4	5615.47
00:02:06		5601.3	5615.32
00:01:57	124.2	5601.2	5615.34
00:01:48		5601.3	5615.34
00:01:39		5601.2	5615.33
00:01:30	124.1	5601.2	5615.33
00:01:21		5601.2	5615.32
00:01:12		5601.2	5615.34
00:01:03	124.0	5601.1	5615.32
00:00:54		5601.1	5615.31
00:00:45		5601.1	5615.29
00:00:36		5601.0	5615.26
00:00:27	123.9	5600.9	5615.23
00:00:18		5600.9	5615.19
00:00:09		5600.8	5615.07
00:00:00	123.8	5600.6	5614.86

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)
100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29−Nov−2004 12:58

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_259LTP	FN:395	PRODUCER	29−Nov−2004 12:58
BACKUP	MDT_OFA_259LTP	FN:396	PRODUCER	29−Nov−2004 12:58

Schlumberger

Pretest @ 3524.0 mMD

MAXIS Field Log

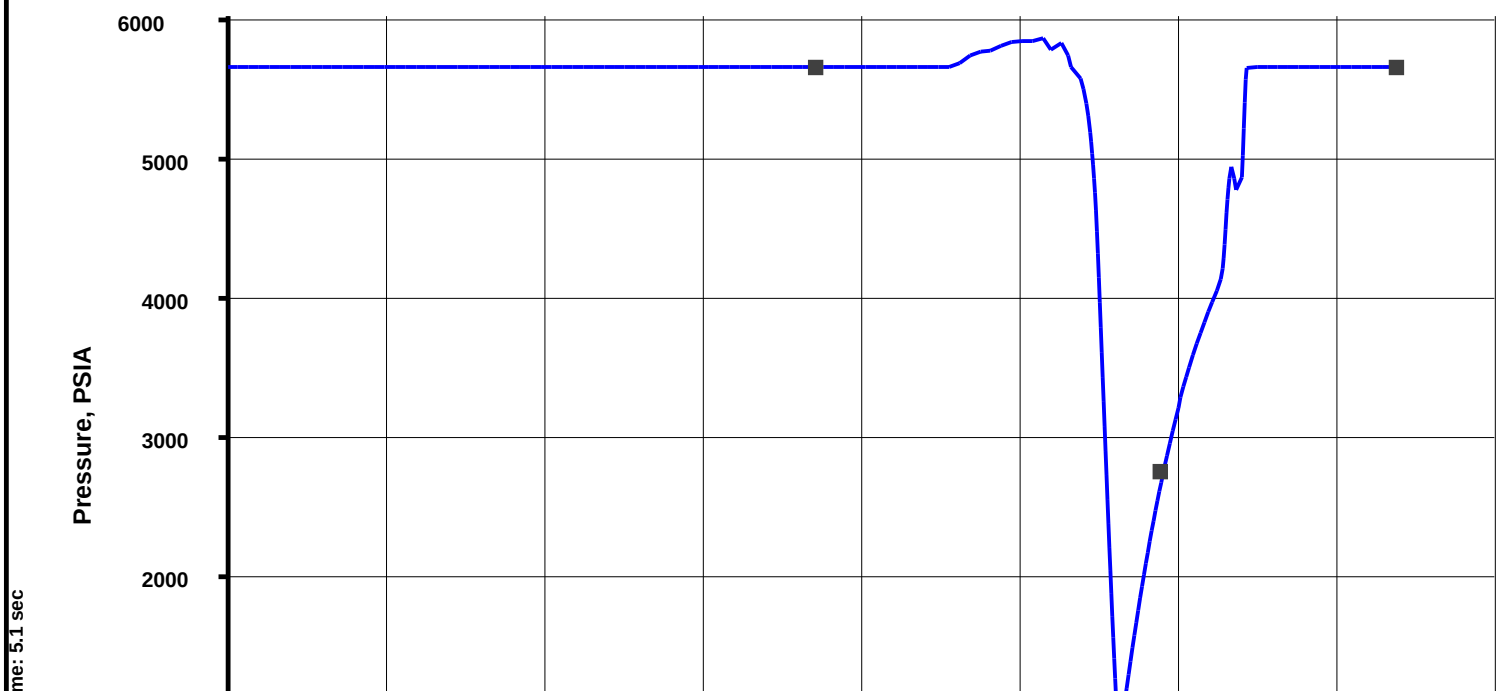
File 258 Depth, M: 3524.04 Dry Test − Conventional probe

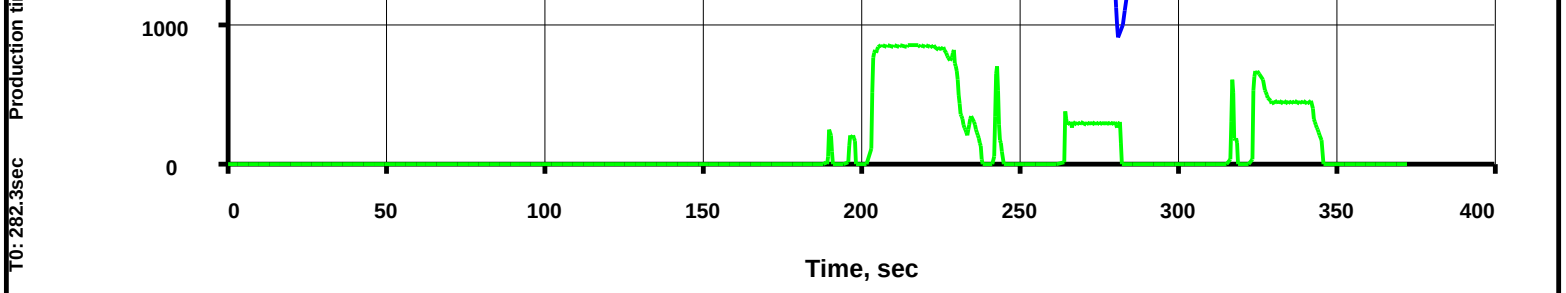
25−Nov−2004 Origin Energy Resources Ltd.

Trefoil

Trefoil−1

Mud Pressure before test, PSIA:	5631.63
Mud Pressure after test, PSIA:	5630.87
Last build−up pressure, PSIA:	2746.62





Pretest Volume: 9.9 cc – MRPS_1– BQP1 Resolution: 0.010psi

Output DLIS Files

DEFAULT	MDT_OFA_258LTP	FN:393	PRODUCER	29–Nov–2004 12:49	3524.0 M	1.0 M
BACKUP	MDT_OFA_258LTP	FN:394	PRODUCER	29–Nov–2004 12:49	3524.0 M	1.0 M

Elapsed Time (s)	Event Summary
318.9	Retract Single Probe Module (MRPS) 1
259.5	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
198.9	Probe Set @ 3524.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) 100 (DEGC) 150

MRPS 1 Resistivity Cell Temperature (B1TR) 100 (DEGC) 150

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000

MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10

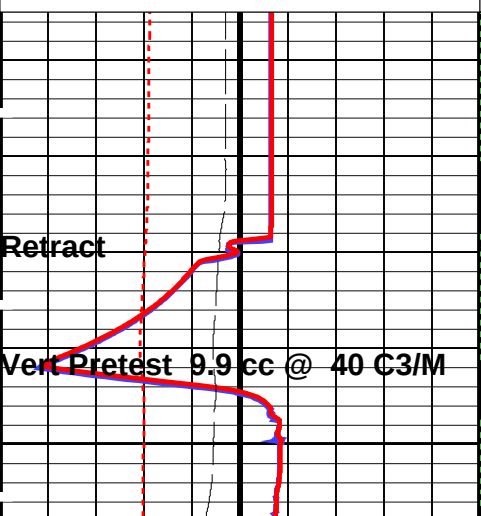
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

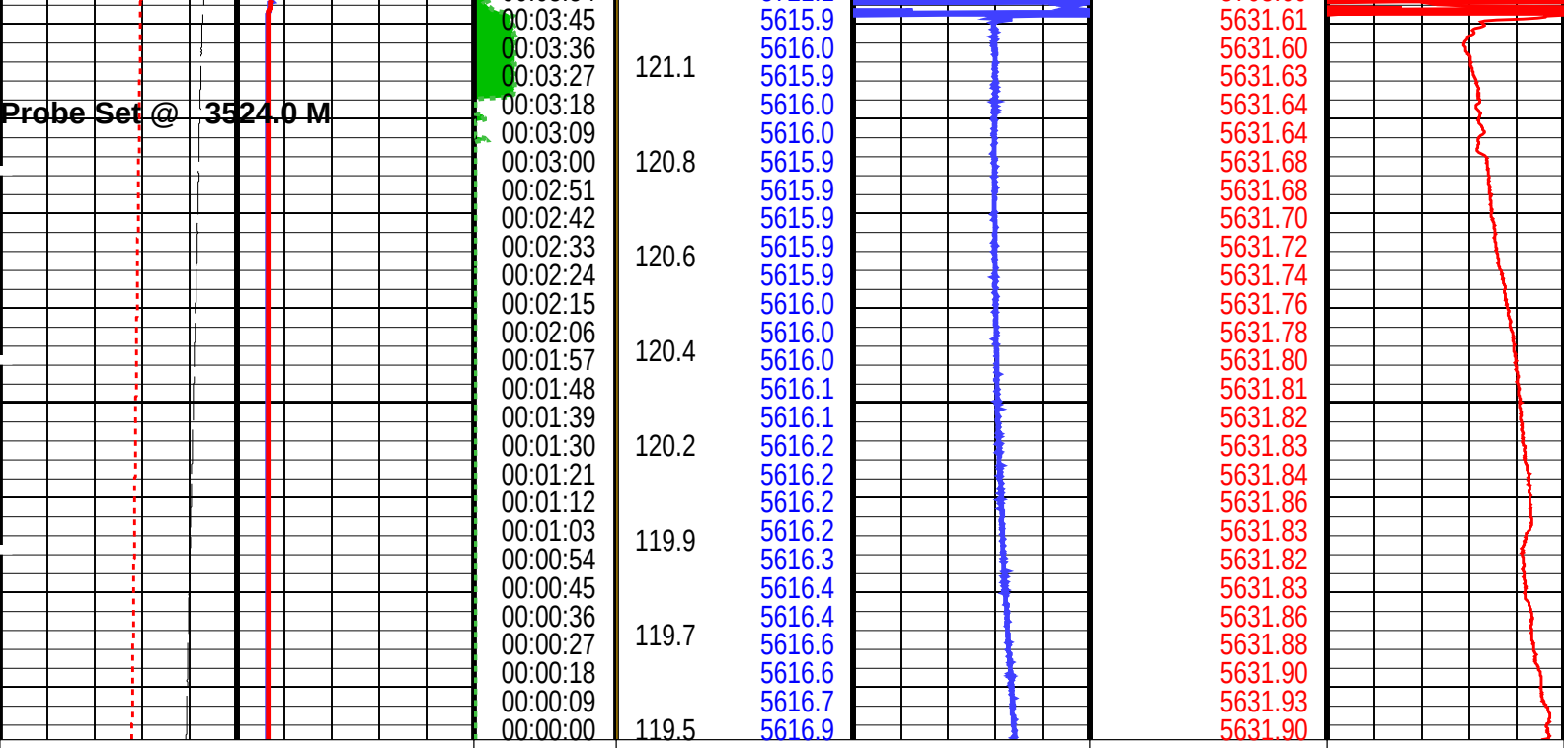
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:06:27	123.4	5619.6	5630.98
00:06:18		5617.5	5630.98
00:06:09		5616.3	5630.86
00:06:00	123.4	5616.3	5630.90
00:05:51		5616.3	5631.01
00:05:42		5616.1	5631.03
00:05:33	123.3	5615.7	5631.10
00:05:24		5613.9	5629.96
00:05:15		4691.5	4475.02
00:05:06		3686.7	3655.82
00:04:57	122.4	2963.4	2916.01
00:04:48		1928.2	1838.43
00:04:39		1511.7	1873.04
00:04:30	122.3	5427.7	5496.42
00:04:21		5782.1	5777.02
00:04:12		5807.0	5820.79
00:04:03	121.7	5761.8	5759.76
00:03:54		5721.1	5703.09



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 10000		0 (---- 30		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIA) 10000	0 8000		0 (PSIG) 10

MRPS 1 Resistivity Cell Temperature (B1TR)	MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)
100 (DEGC) 150	

MRPS 1 Quartz Gauge Temperature (BQT1)
100 (DEGC) 150

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	DYCO	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 29-Nov-2004 12:49

OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRPO_UD	12C0-301	LFA	12C0-301
MRMS_1	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT	MDT_OFA_258LTP	FN:393	PRODUCER	29−Nov−2004 12:49
BACKUP	MDT_OFA_258LTP	FN:394	PRODUCER	29−Nov−2004 12:49

Schlumberger

Correlation Passes

MAXIS Field Log

Input DLIS Files

DEFAULT	MDT_OFA_252LUP	FN:381	PRODUCER	29−Nov−2004 11:50	3528.4 M	3352.2 M

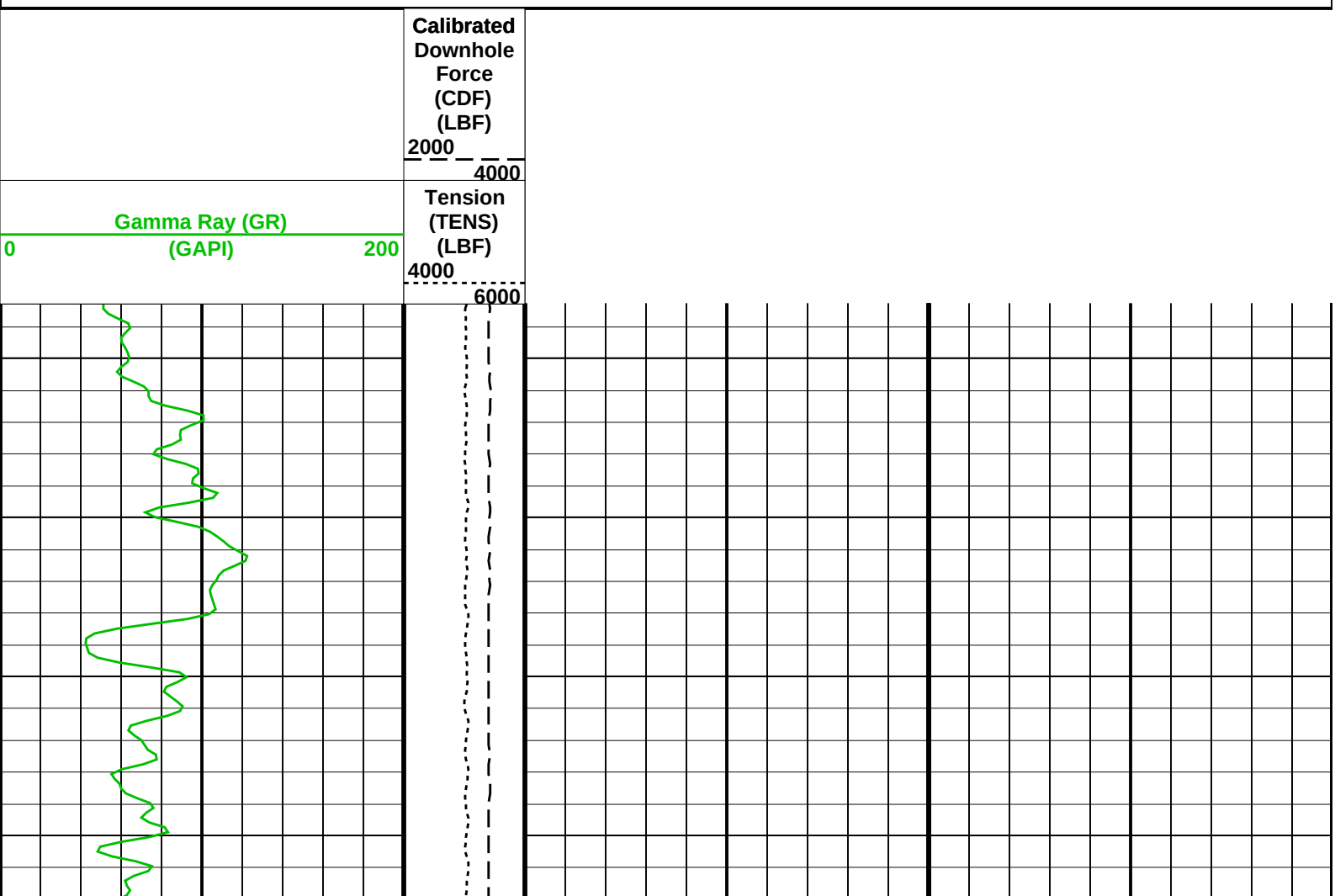
Output DLIS Files

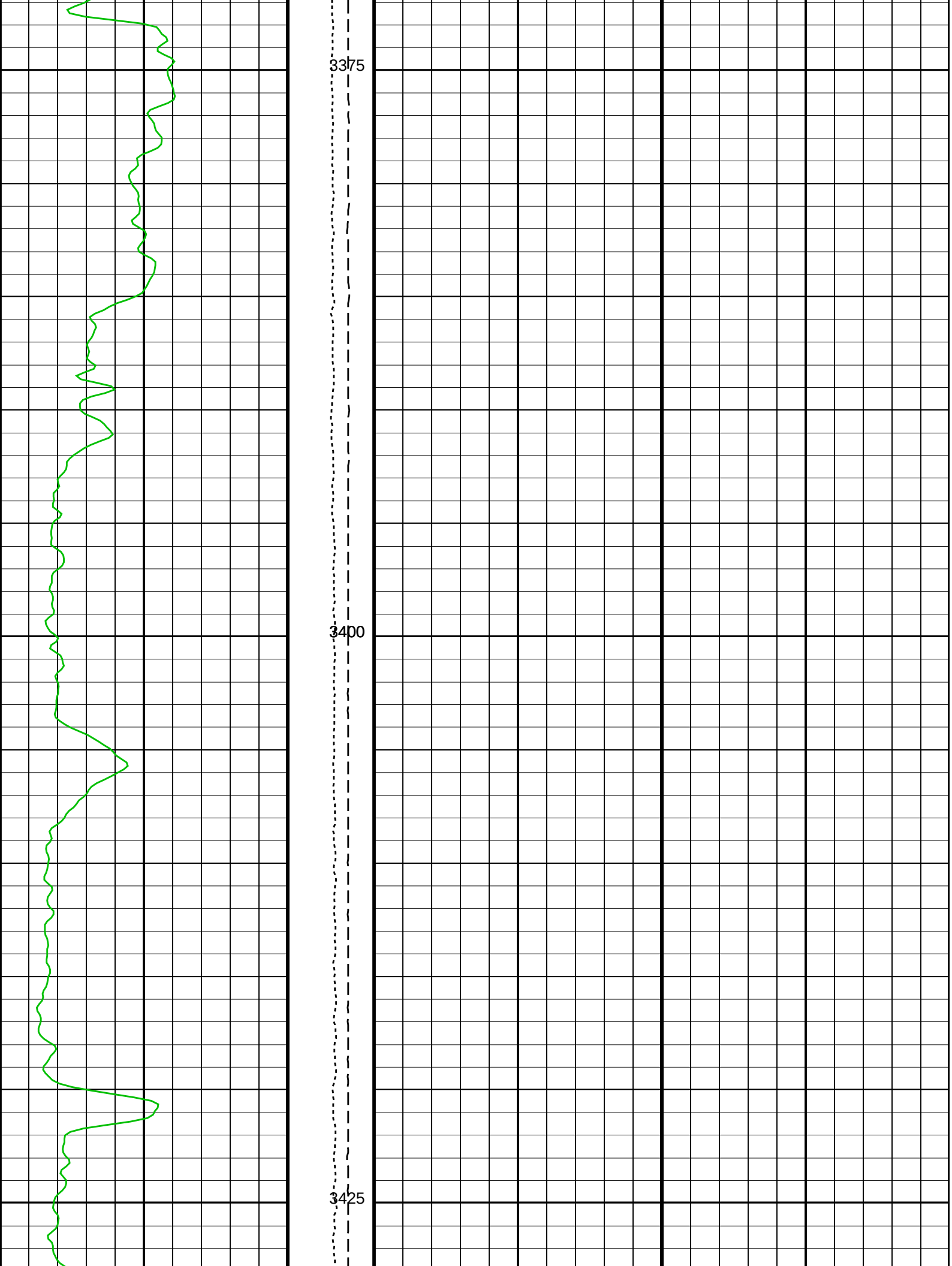
DEFAULT	MDT_OFA_257PUP	FN:391	PRODUCER	29−Nov−2004 12:20	3528.8 M	3353.3 M
BACKUP	MDT_OFA_257PUP	FN:392	PRODUCER	29−Nov−2004 12:19	3528.8 M	3353.3 M

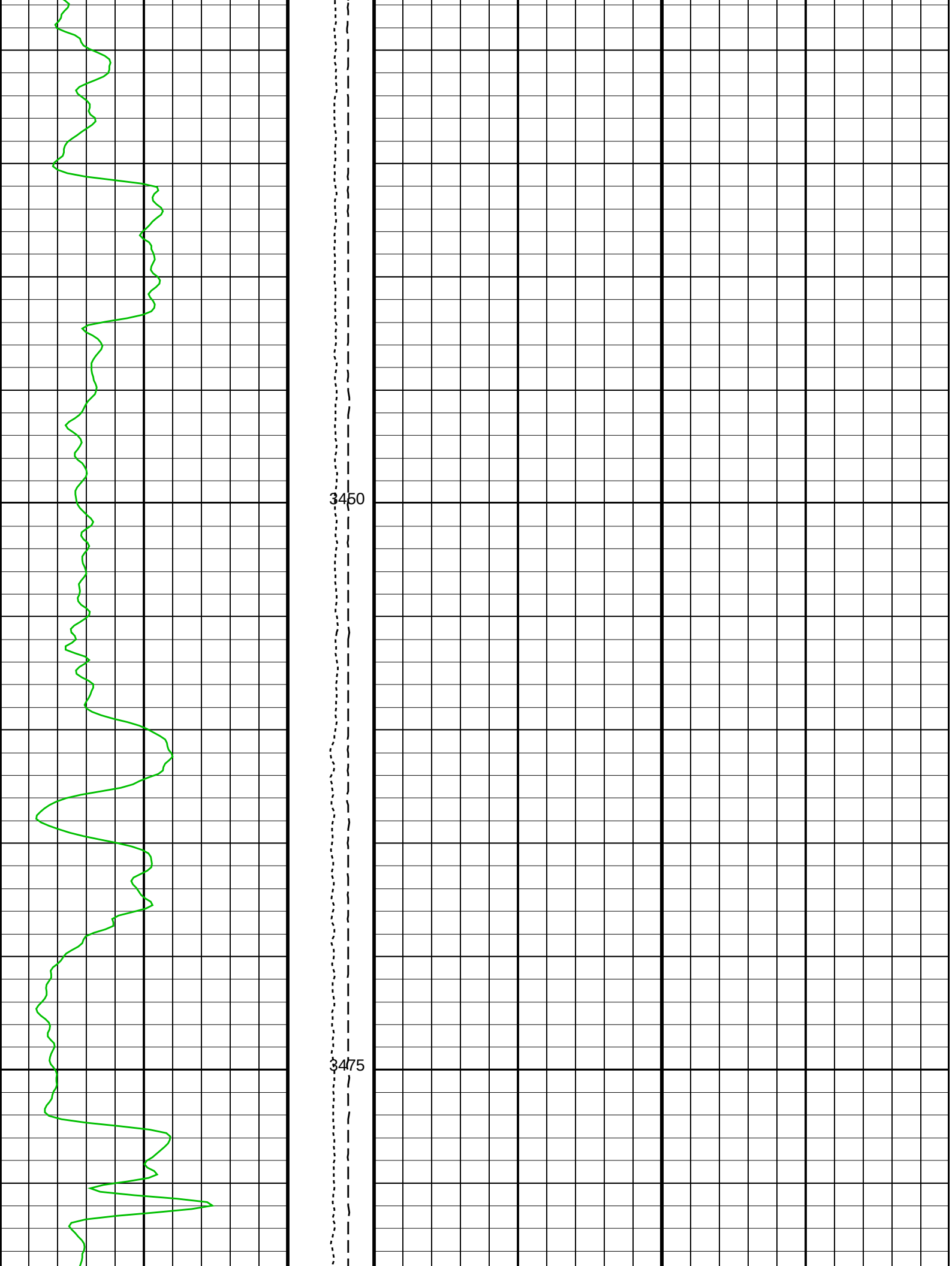
OP System Version: 12C0−301

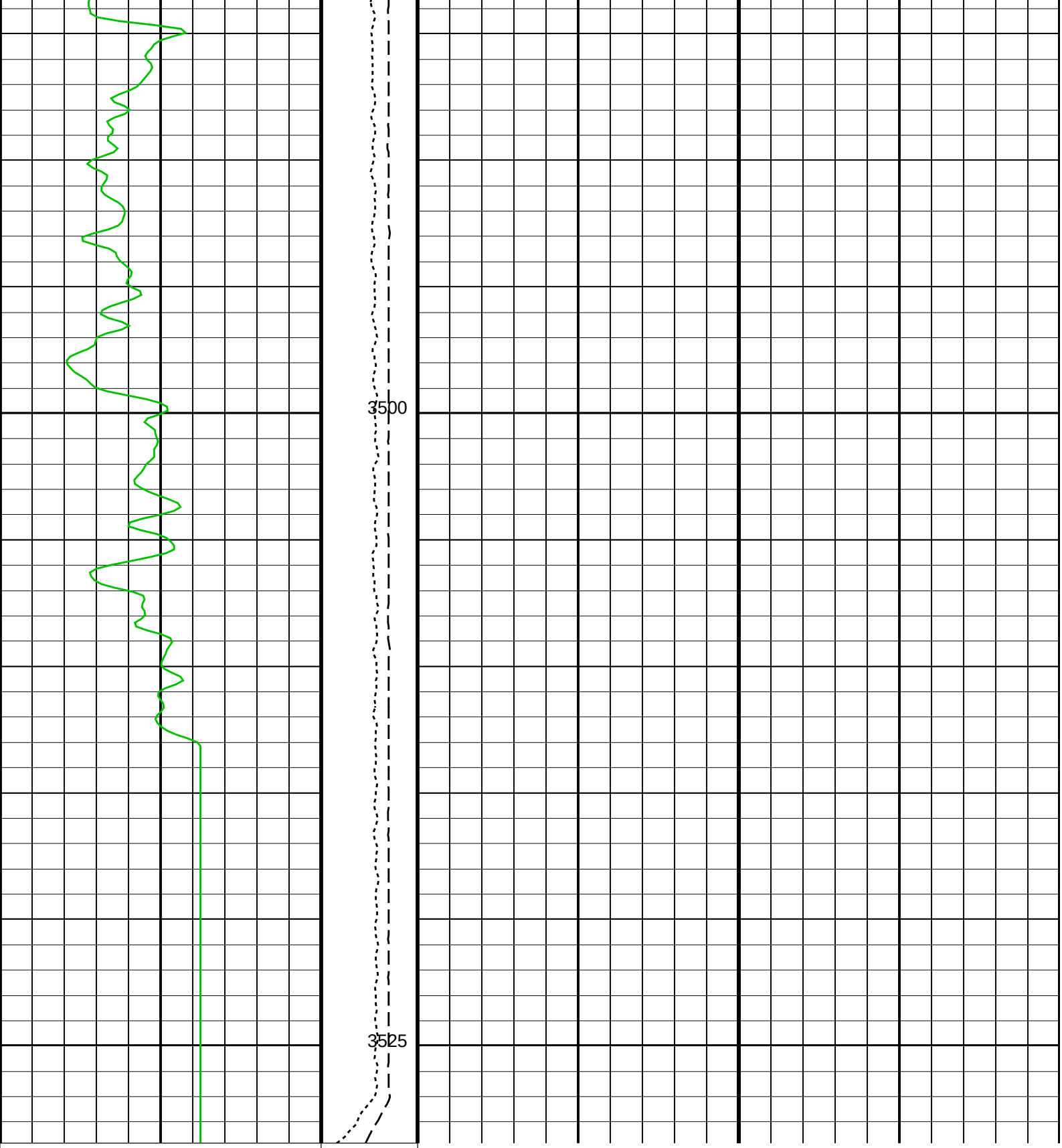
MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301




3375
3400
3425


3450
3475



Gamma Ray (GR)
0 (GAPI) 200

Tension (TENS) (LBF)
4000 6000

Calibrated Downhole Force (CDF) (LBF)
2000 4000

Parameters

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
DO	Depth Offset for Playback	0.5	M
PP	Playback Processing	NORMAL	

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 29−Nov−2004 12:20

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_252LUP	FN:381	PRODUCER	29−Nov−2004 11:50	3528.4 M	3352.2 M

Output DLIS Files

DEFAULT	MDT_OFA_257PUP	FN:391	PRODUCER	29−Nov−2004 12:20
BACKUP	MDT_OFA_257PUP	FN:392	PRODUCER	29−Nov−2004 12:19

Input DLIS Files

DEFAULT	MDT_OFA_270LUP	FN:417	PRODUCER	30−Nov−2004 14:04	3499.7 M	3353.4 M

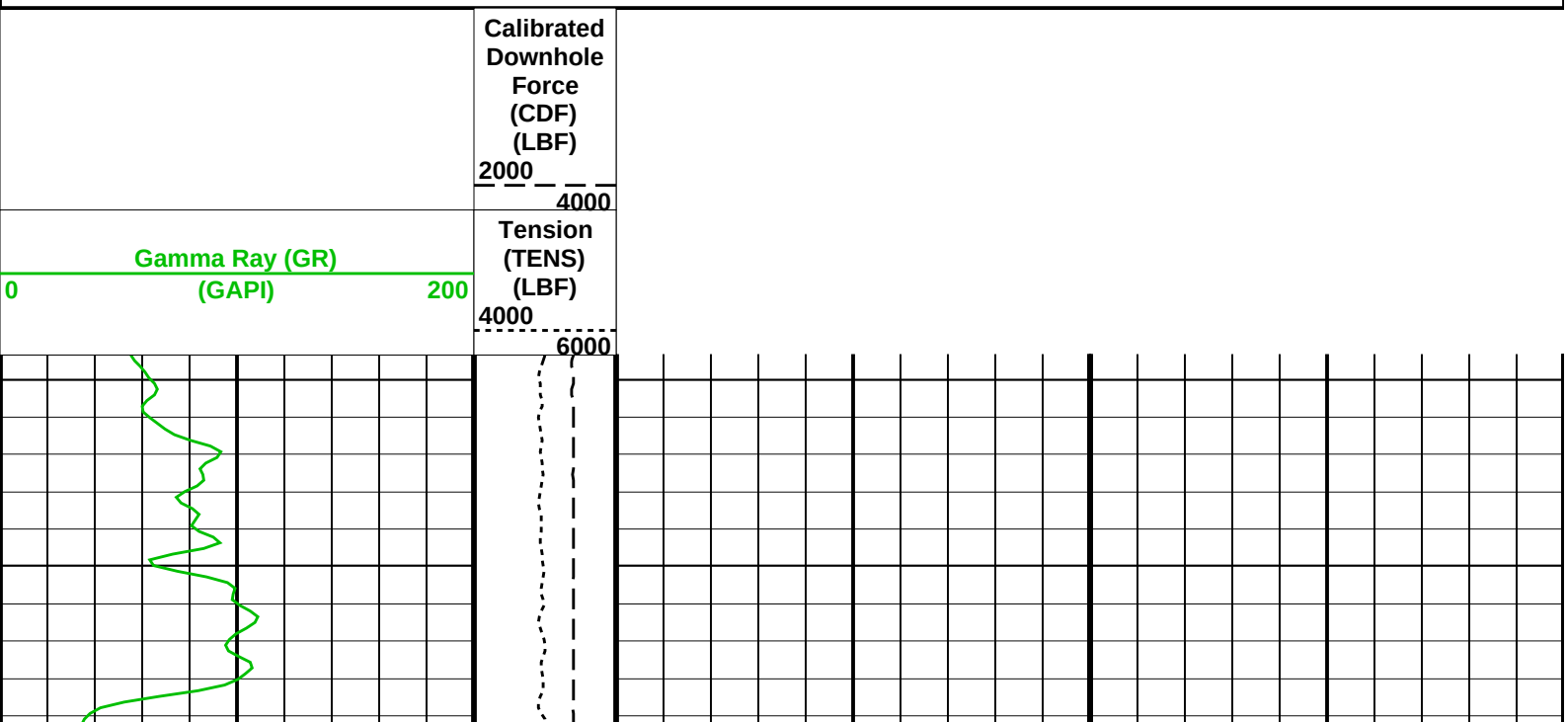
Output DLIS Files

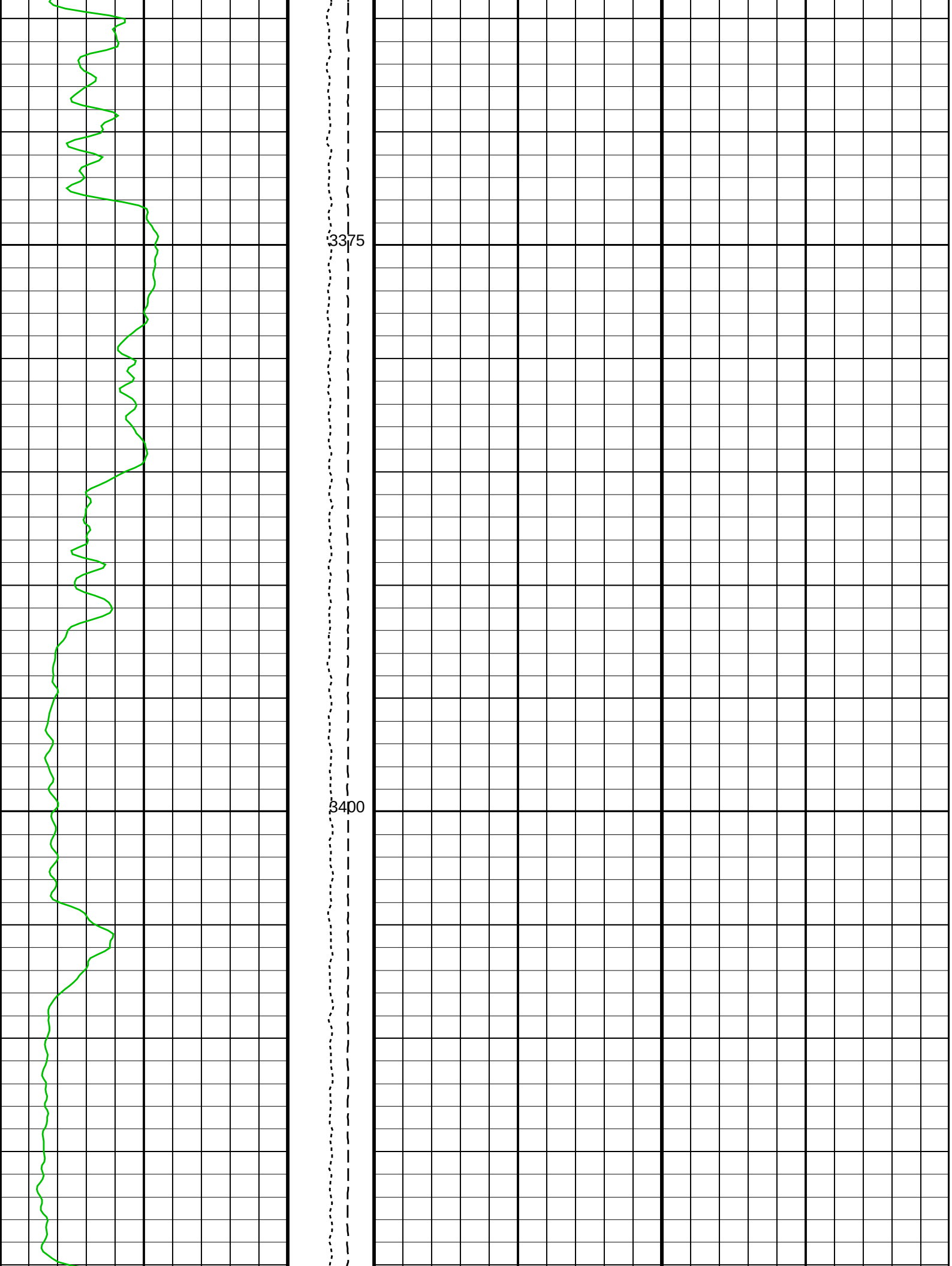
DEFAULT	MDT_OFA_063PUP	FN:62	PRODUCER	30−Nov−2004 14:16	3500.2 M	3354.3 M

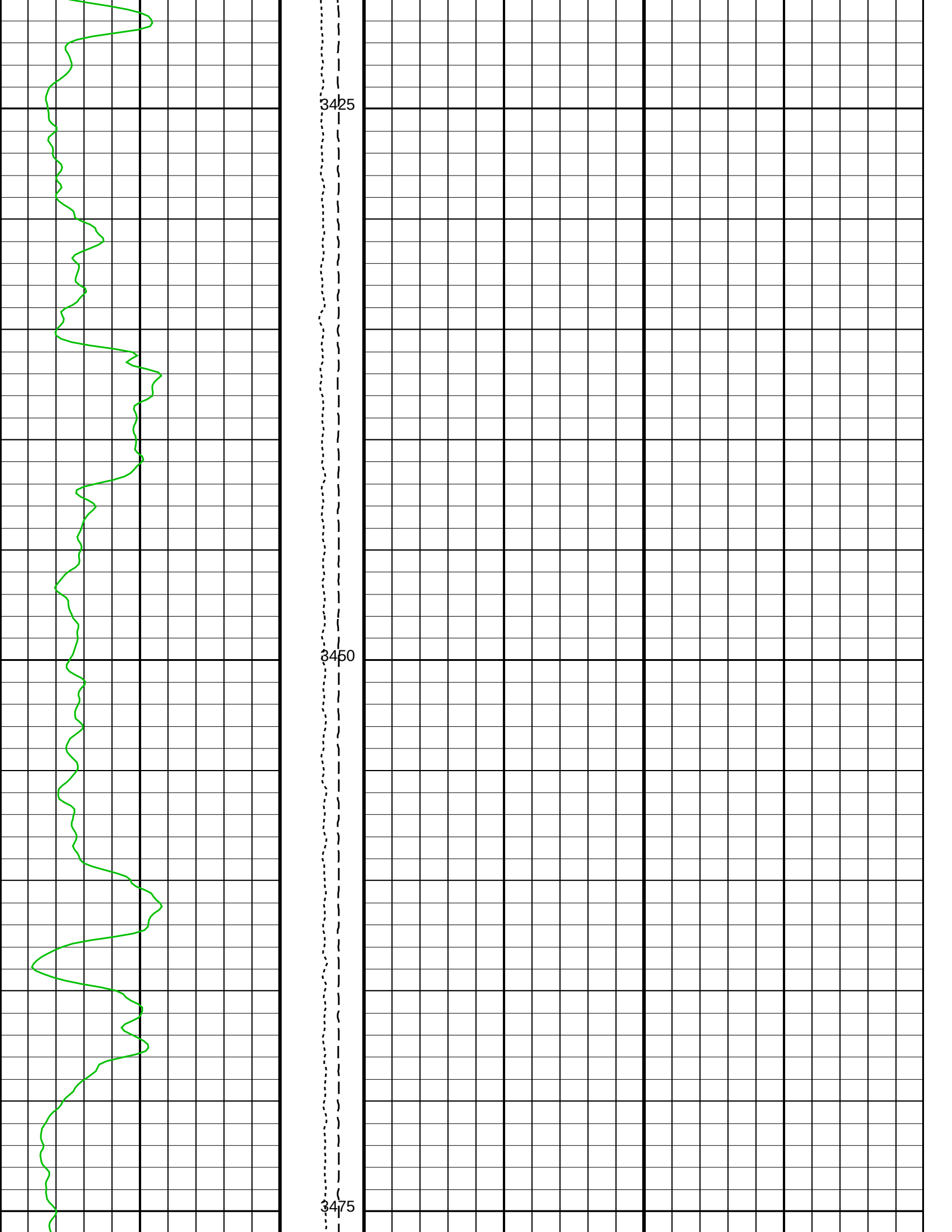
OP System Version: 12C0−301

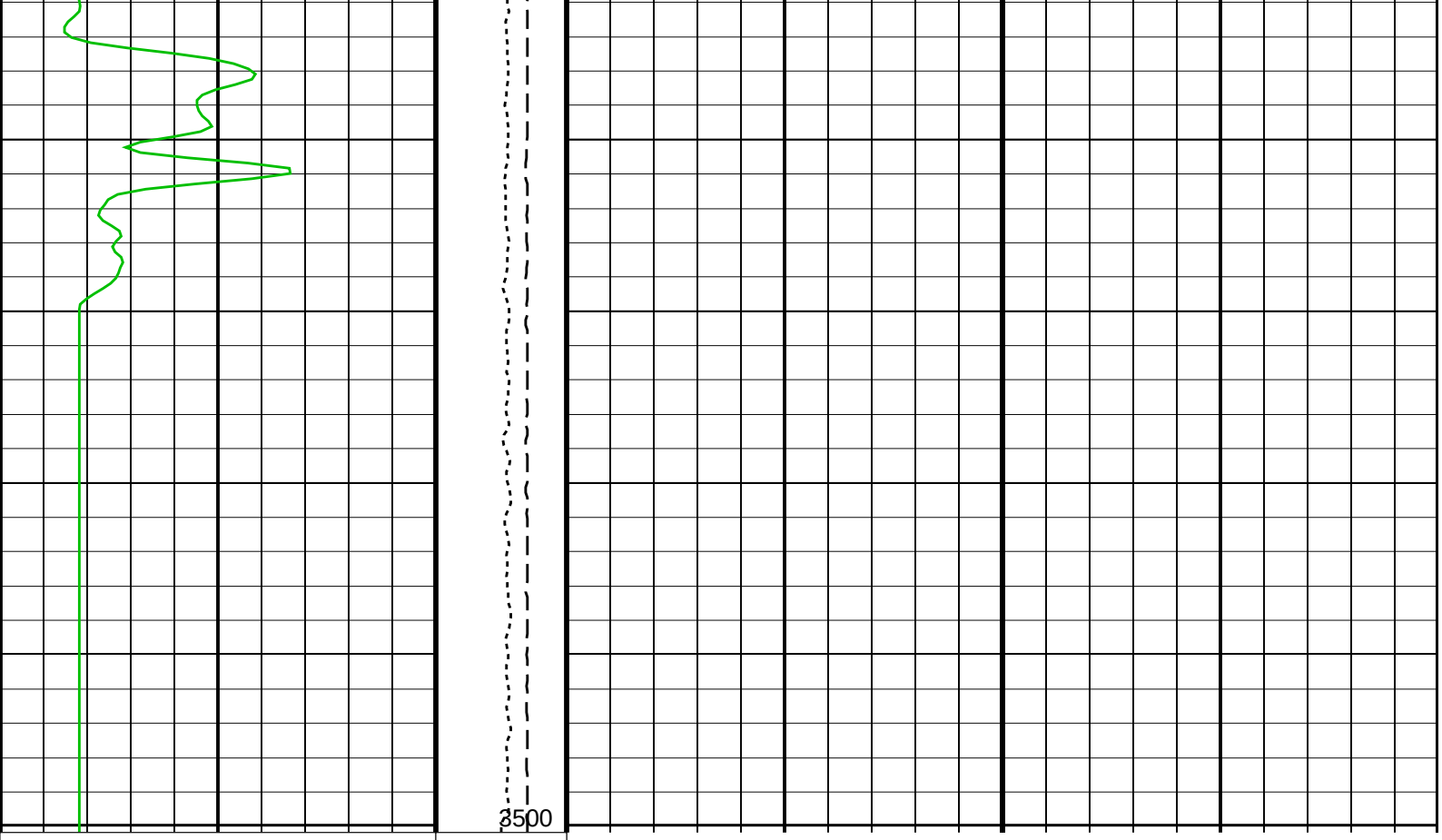
MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301




3375
3400


3425
3450
3475



Gamma Ray (GR) (GAPI)	Tension (TENS) (LBF)	Calibrated Downhole Force (CDF) (LBF)
0 — 200	4000 — 6000	2000 — 4000

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
DO	Depth Offset for Playback	0.4	M
PP	Playback Processing	NORMAL	

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 30−Nov−2004 14:16

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1−CA	12C0−301	MRPC−CA	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Input DLIS Files

DEFAULT	MDT_OFA_270LUP	FN:417	PRODUCER	30−Nov−2004 14:04	3499.7 M	3353.4 M

Output DLIS Files

DEFAULT	MDT_OFA_063PUP	FN:62	PRODUCER	30−Nov−2004 14:16

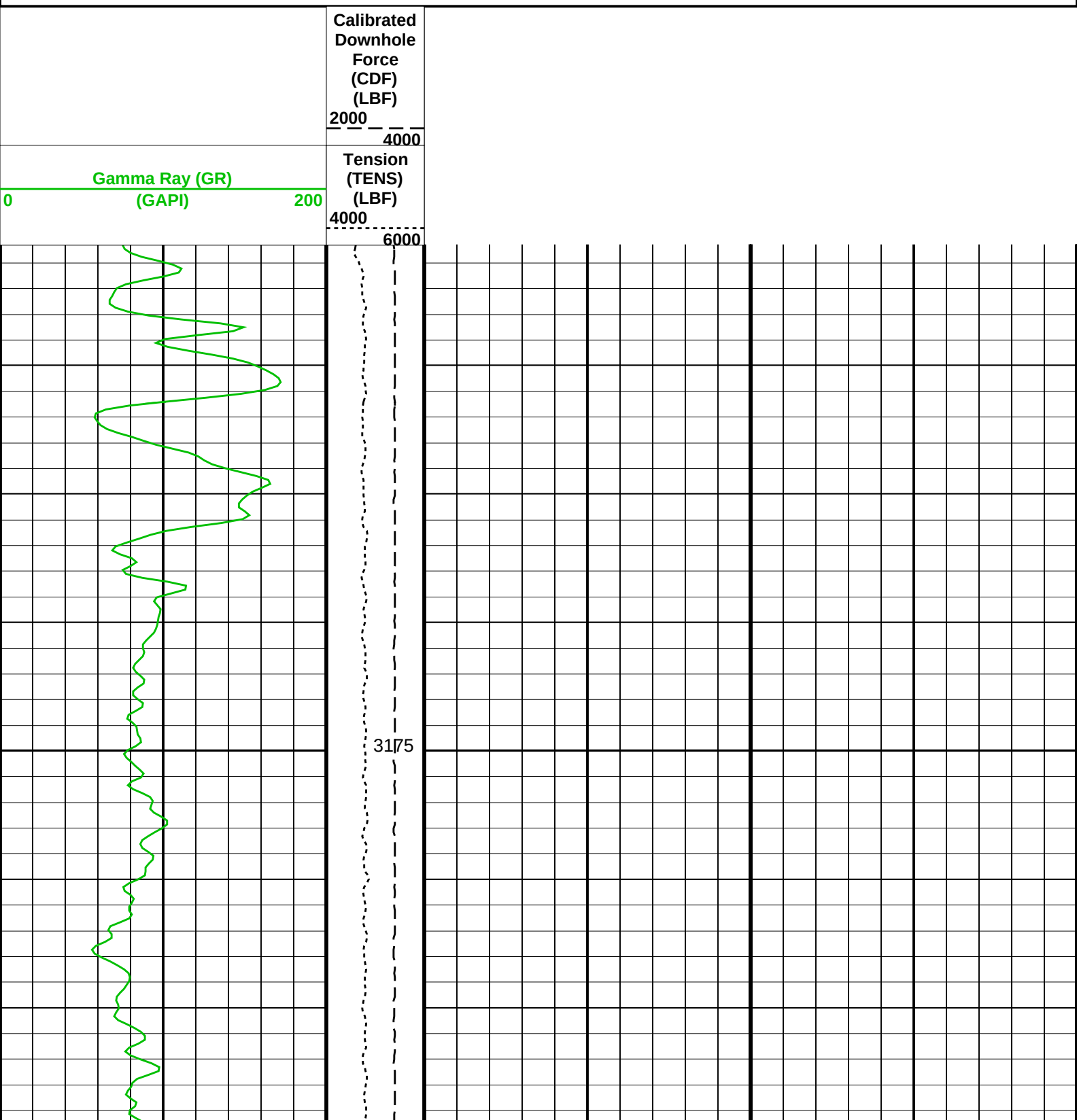
Output DLIS Files

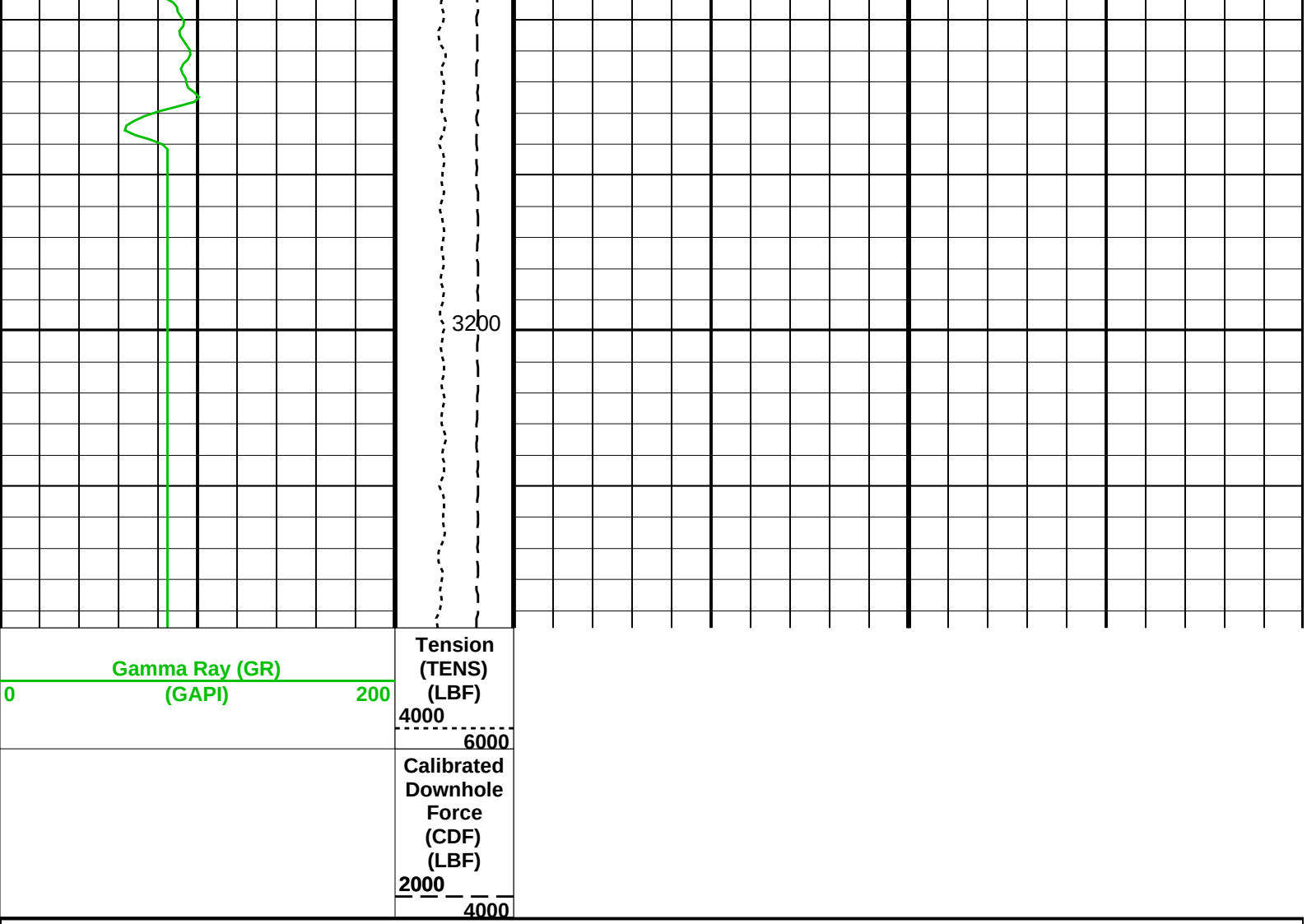
DEFAULT	MDT_OFA_276LUP	FN:429	PRODUCER	29−Nov−2004 19:32	3209.5 M	3155.3 M
BACKUP	MDT_OFA_276LUP	FN:430	PRODUCER	29−Nov−2004 19:32	3209.5 M	3155.3 M

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301





Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 29−Nov−2004 19:33

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_276LUP	FN:429	PRODUCER	29−Nov−2004 19:32
BACKUP	MDT_OFA_276LUP	FN:430	PRODUCER	29−Nov−2004 19:32

Output DLIS Files

DEFAULT	MDT_OFA_293LUP	FN:462	PRODUCER	30−Nov−2004 08:52	3102.9 M	3015.0 M
BACKUP	MDT_OFA_293LUP	FN:463	PRODUCER	30−Nov−2004 08:51	3102.9 M	3015.0 M

OP System Version: 12C0−301

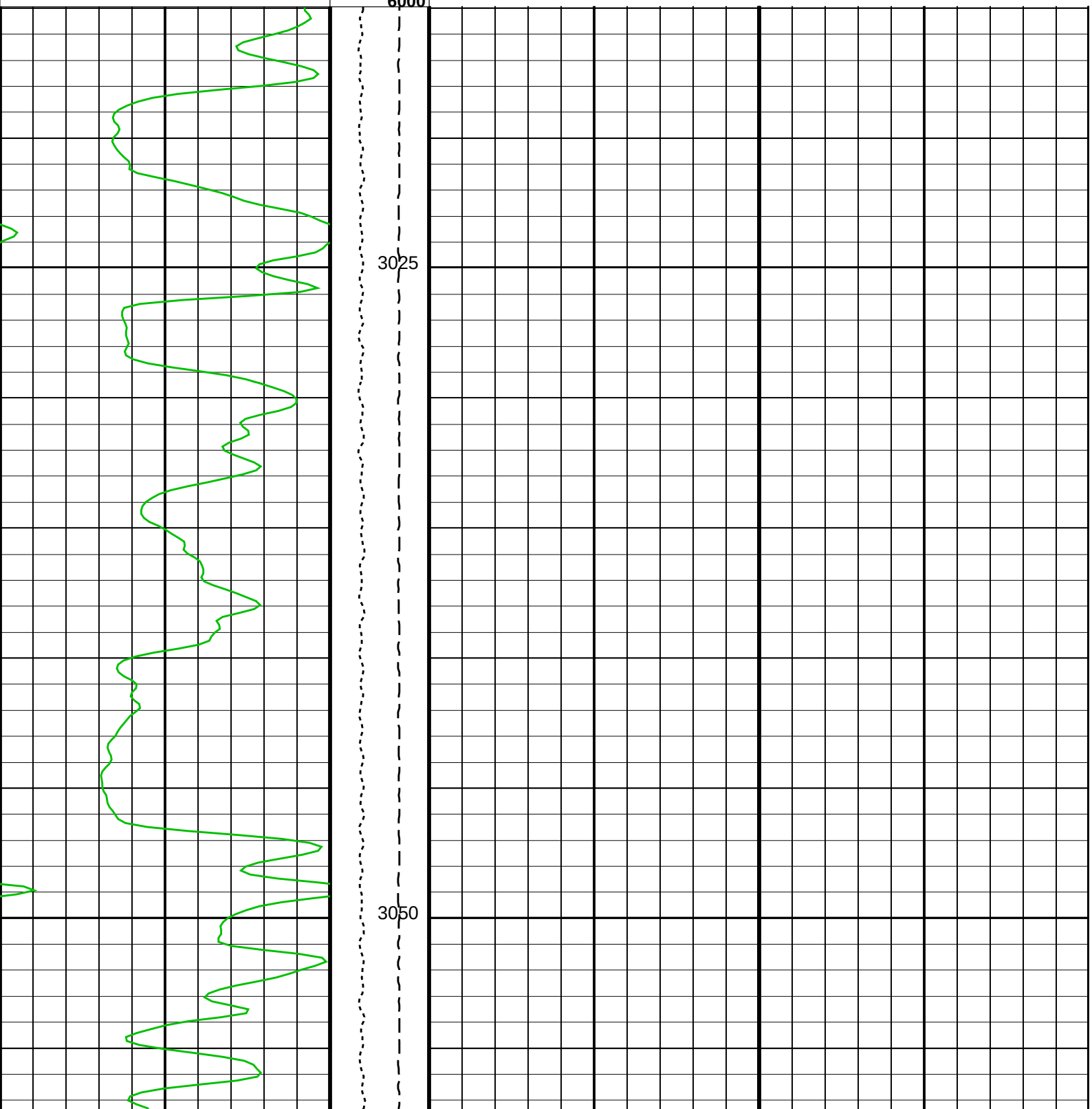
MCM

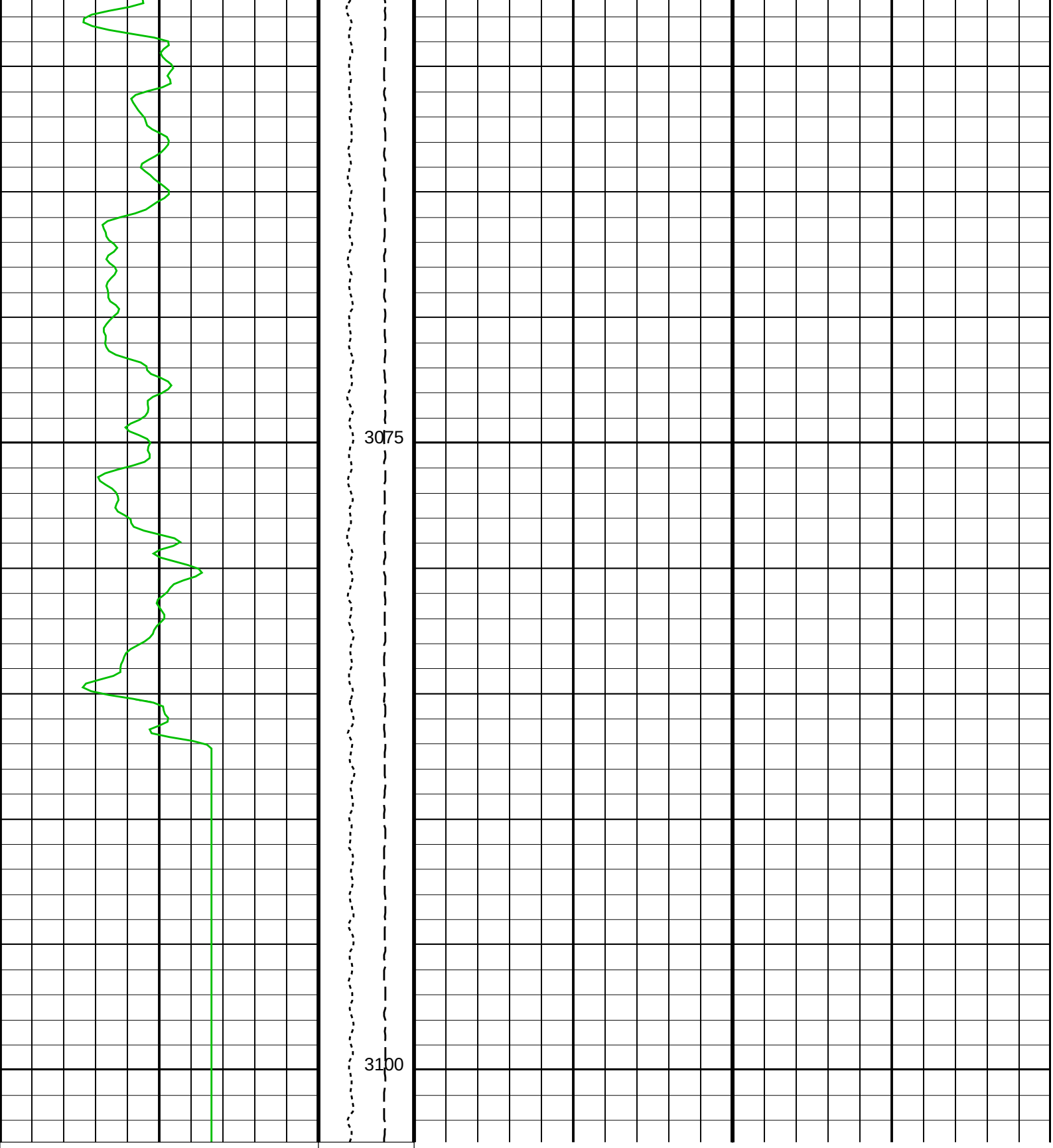
MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Calibrated Downhole Force (CDF) (LBF)
2000 4000

Gamma Ray (GR) (GAPI)
0 200

Tension (TENS) (LBF)
4000 6000





Gamma Ray (GR)
0 (GAPI) 200

Tension (TENS) (LBF)
4000 6000

Calibrated Downhole Force (CDF) (LBF)
2000 4000

Parameters

Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 30−Nov−2004 08:52

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_293LUP	FN:462	PRODUCER	30−Nov−2004 08:52
BACKUP	MDT_OFA_293LUP	FN:463	PRODUCER	30−Nov−2004 08:51

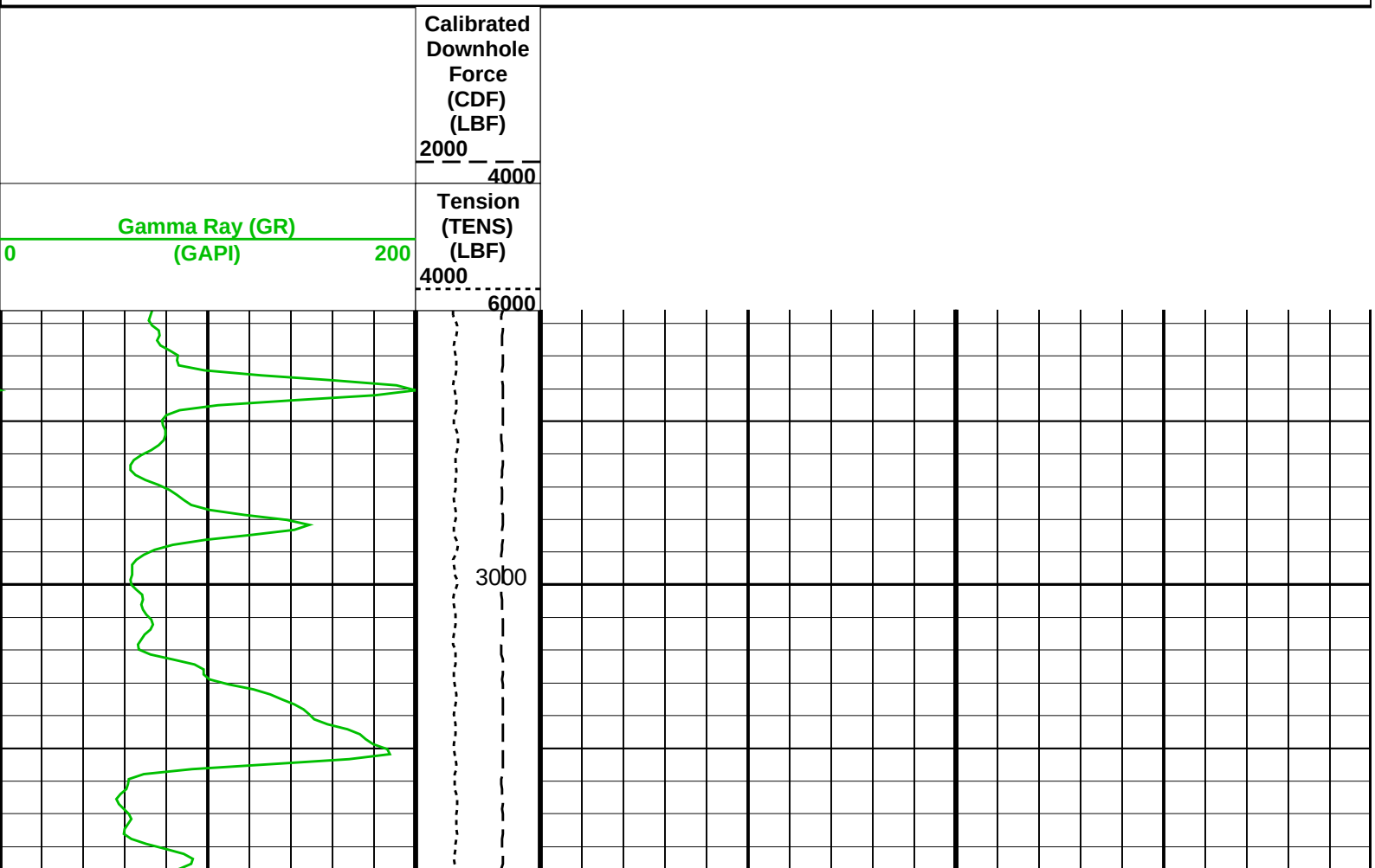
Output DLIS Files

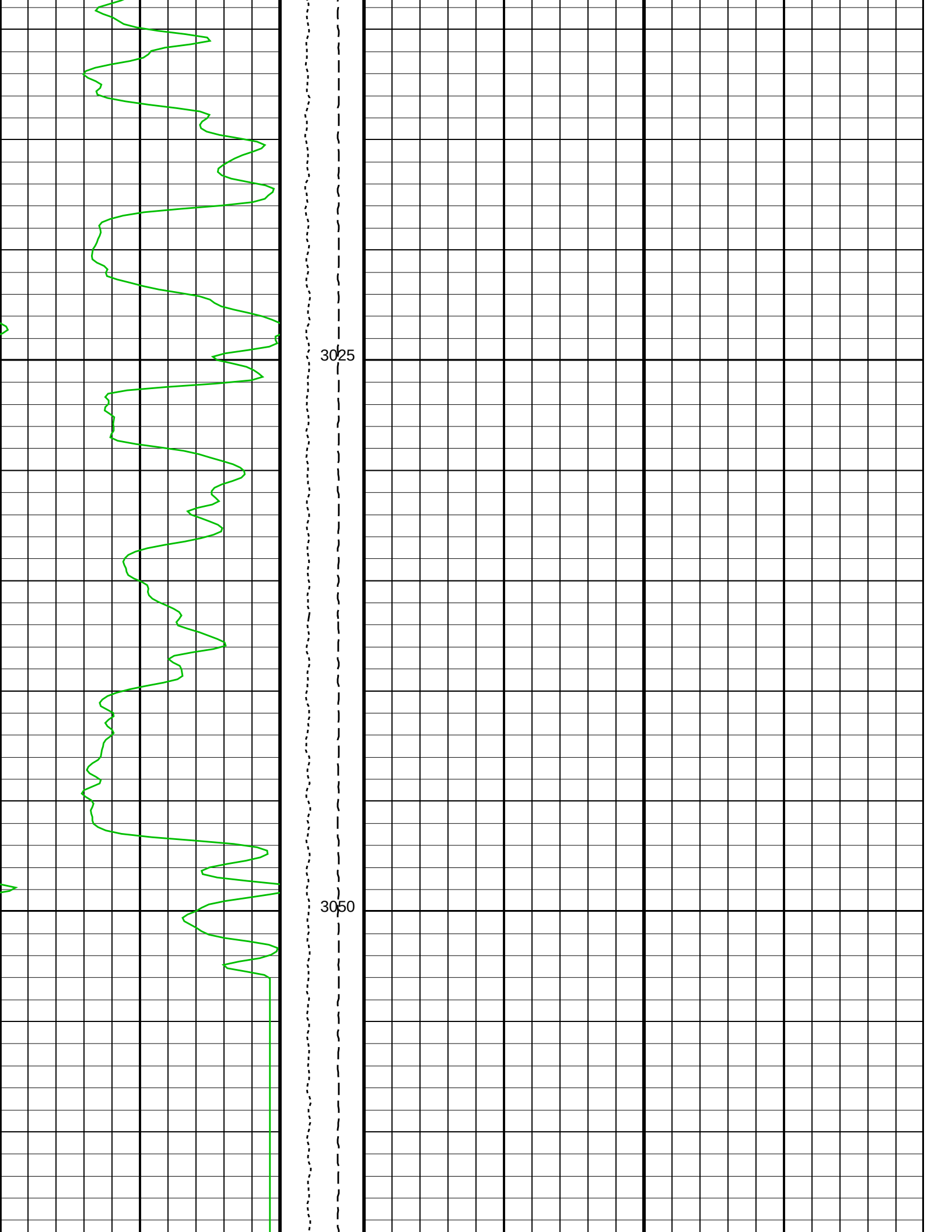
DEFAULT	MDT_OFA_298LUP	FN:472	PRODUCER	30−Nov−2004 13:05
BACKUP	MDT_OFA_298LUP	FN:473	PRODUCER	30−Nov−2004 13:04

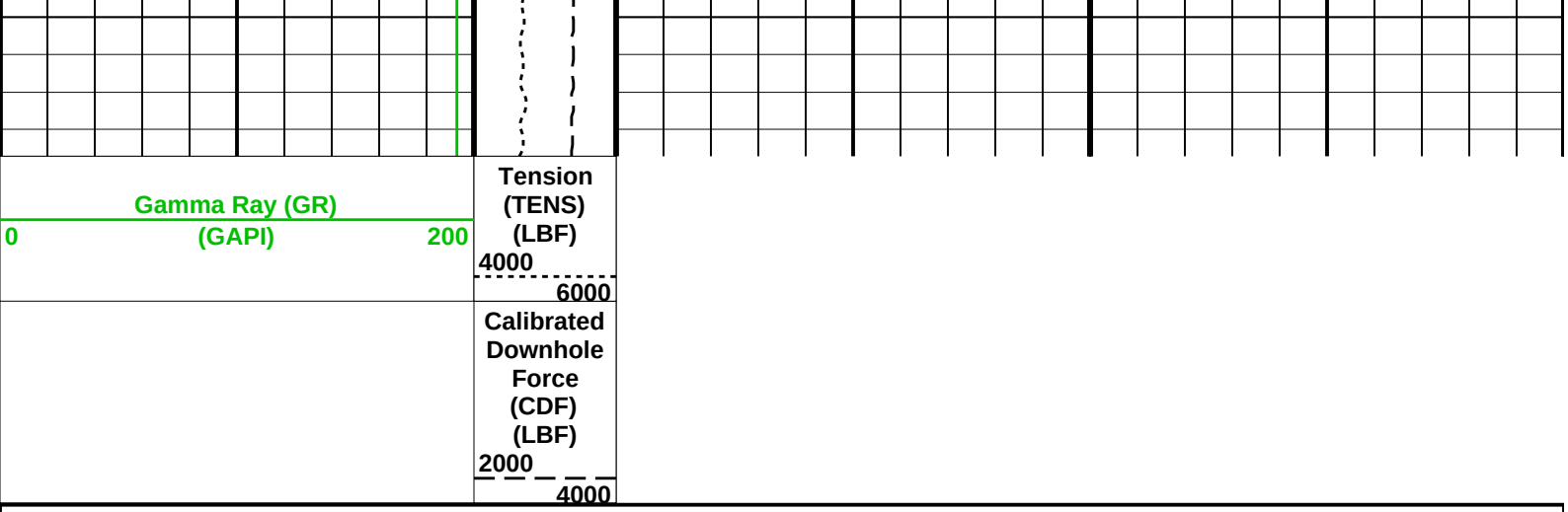
OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301




3025
3050



Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 30−Nov−2004 13:05

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_298LUP	FN:472	PRODUCER	30−Nov−2004 13:05
BACKUP	MDT_OFA_298LUP	FN:473	PRODUCER	30−Nov−2004 13:04

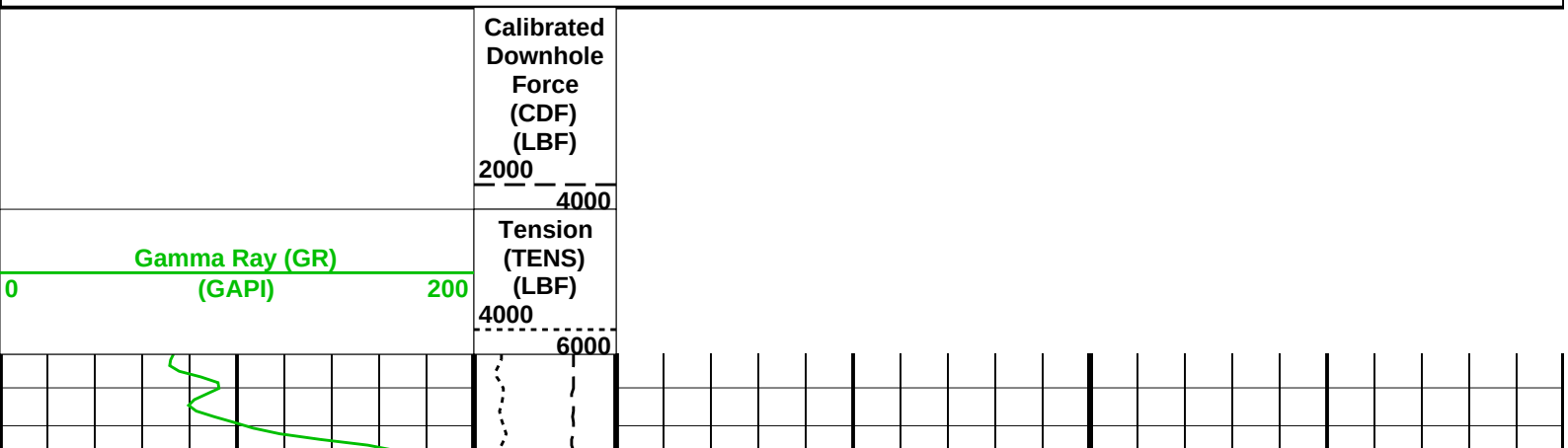
Output DLIS Files

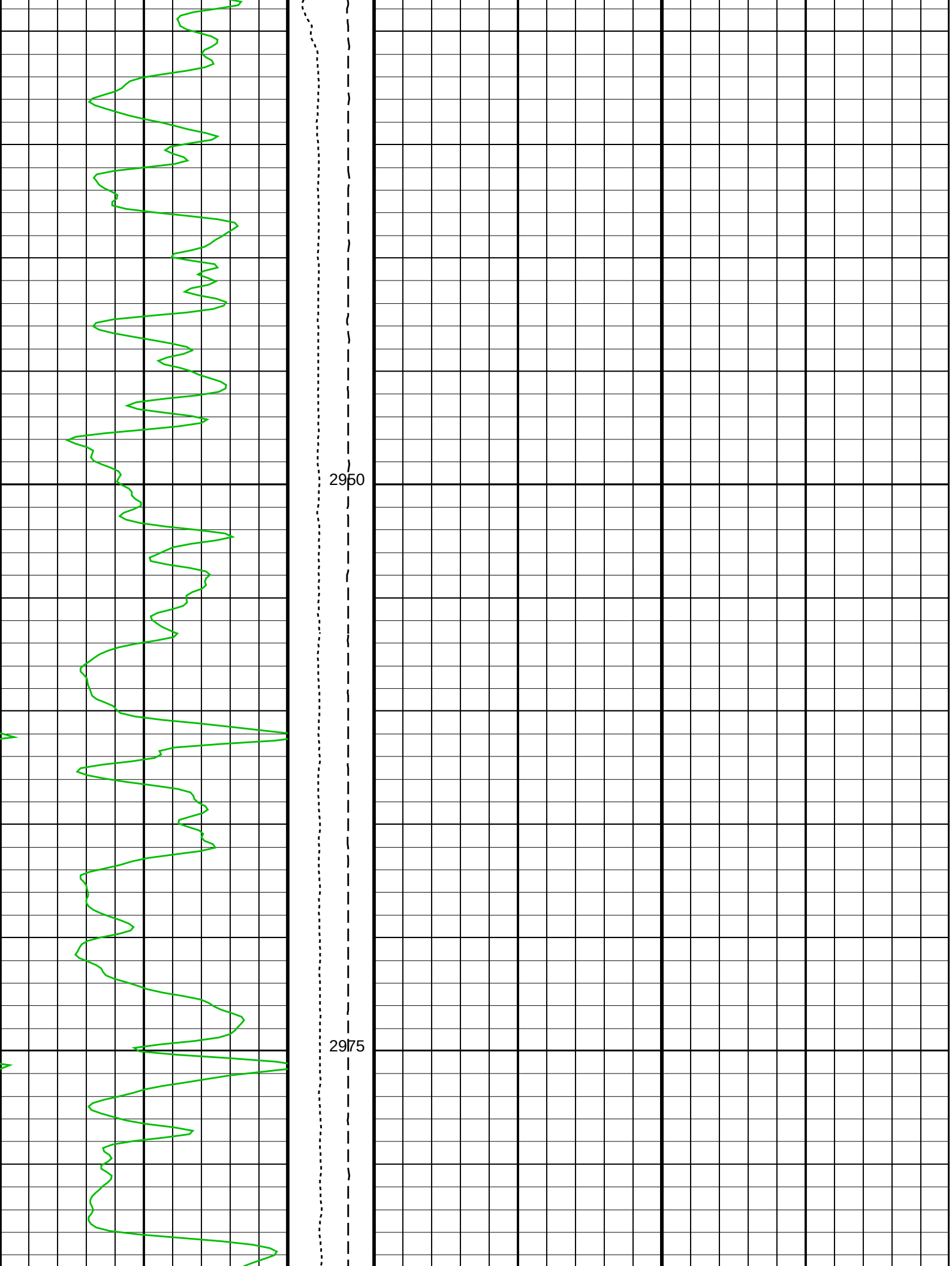
DEFAULT	MDT_OFA_310LUP	FN:496	PRODUCER	30−Nov−2004 21:21	3002.3 M	2926.1 M
BACKUP	MDT_OFA_310LUP	FN:497	PRODUCER	30−Nov−2004 21:20	3002.3 M	2926.1 M

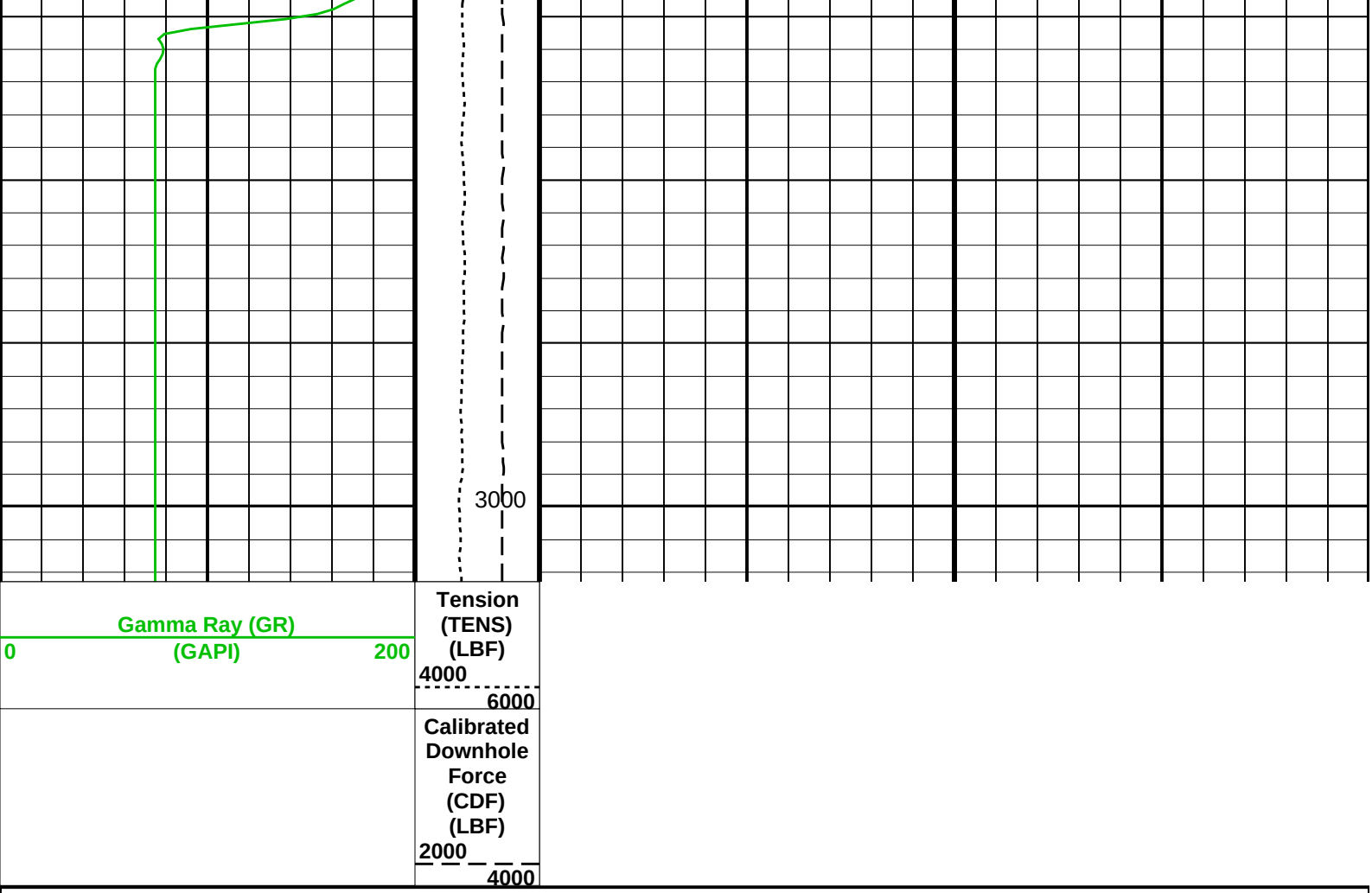
OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301




2950
2975



Parameters

DLIS Name	Description	Value	
	LFA: Live Fluid Analyzer		
PDCO	Probe Depth Correction Offset	0	M
	MRPC−CA: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 30−Nov−2004 21:21

OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRPC	12C0−301
SGT−L	12C0−301	TCC−BF	12C0−301

Output DLIS Files

DEFAULT	MDT_OFA_310LUP	FN:496	PRODUCER	30−Nov−2004 21:21
BACKUP	MDT_OFA_310LUP	FN:497	PRODUCER	30−Nov−2004 21:20

Schlumberger

Quartz Guage Calibration

MAXIS Field Log

MASTER CALIBRATION SUMMARY: Quartz Gauge (Single Probe Module 1)

Calibration Pressure Unit:	PSIA
Calibration Temperature Unit:	DEGC
Sensor Comment:	:
Sensor Serial Number:	2868
Sensor Calibration Date (DDMMYY):	060104
Pressure Model:	P=F(Fc,Fb)
Pressure Matrix:	66
Pressure CRC:	4477
Temperature Model:	T=F(Fb,Fc)
Temperature Matrix:	66
Temperature CRC:	85E9
Clock Comment:	:
Clock Serial Number:	049
Clock Calibration Date (DDMMYY):	251103
Clock Model:	Fclk=F(Fb'−Fc')
Clock Matrix:	16
Clock CRC:	A394
Fc Offset:	+.514400000000E+07 Hz
Fb Offset:	+.558800000000E+07 Hz
R Offset:	+.470000000000E+06 Hz

Pressure Coefficients

	Fb**0	Fb**1	Fb**2	Fb**3
Fc**0	+.677296534271E+0	+.124674982754E−0	−.440169854083E−0	−.841852809330E−1
Fc**1	−.108020085267E+0	−.129835752968E−0	−.969852129729E−1	+.575879848719E−1
Fc**2	+.106423972625E−0	+.433378200239E−1	−.425603196975E−1	−.331497220608E−1
Fc**3	+.714117289993E−1	+.252132640446E−1	−.153136050587E−1	−.627098750851E−2
Fc**4	−.322219626704E−1	−.181136298408E−1	+.302872894358E−2	+.180446750942E−2
Fc**5	−.593466351653E−1	−.357541808273E−2	+.329306211897E−2	+.100617708127E−2

	Fb**4	Fb**5
Fc**0	−.167772634911E−1	−.353046680472E−1
Fc**1	+.782845758163E−2	−.191706150742E−2
Fc**2	+.102253839328E−2	+.370583801501E−2
Fc**3	+.801698930813E−2	+.306128341768E−3
Fc**4	−.225563537833E−3	−.124265203070E−3
Fc**5	−.184340941228E−3	−.511020505121E−3

Temperature Coefficients

	Fc**0	Fc**1	Fc**2	Fc**3
Fb**0	+.109202851397E+0	−.361229038457E−0	+.664203884364E−0	+.266237888261E−1
Fb**1	−.606498150979E−0	+.174208521556E−0	+.125050837682E−1	−.381721873503E−1
Fb**2	−.321616500951E−0	+.314694166112E−1	−.273805938750E−1	−.145447035364E−2

Fb**3	−.291332283201E−1	+.363185332989E−1	+.416751187428E−2	+.138487459115E−2
Fb**4	−.391131394253E−1	+.333196845124E−2	+.241216821728E−2	−.128183511379E−3
Fb**5	−.669830173412E−2	+.265157337643E−2	−.108999417840E−3	−.843284718889E−3

	Fc**4	Fc**5
Fb**0	−.536158306031E−1	−.139733882680E−2
Fb**1	+.975624741371E−2	+.154133161261E−2
Fb**2	+.137684850664E−2	+.525570802189E−2
Fb**3	−.749746000012E−2	−.298012263525E−3
Fb**4	−.781094392232E−3	−.251294413382E−3
Fb**5	−.127810712038E−3	+.138261068752E−4

Clock Coefficients

F'b/F'c**0	+.517506031272E+0
F'b/F'c**1	+.238622906662E−0
F'b/F'c**2	+.681125154221E−0
F'b/F'c**3	−.656120184170E−1
F'b/F'c**4	−.495354930017E−1
F'b/F'c**5	+.532464911564E−2

Schlumberger

Strain Gauge Calibration

MAXIS Field Log

Vert Strain Gauge (Single Probe Module 1)

Serial Number:	289962
Range:	10K
Calibration Date:	06/30/04
Mean Quadratic Deviation:	0.3574
Offset:	0.0000 PSI
Calibration Pressure Unit:	PSIG
Calibration Temperature Unit:	DEGC

	G	H	I	J
0	−3.882052e+002	1.005610e+000	1.246280e−007	−3.039506e−011

1	−9.826519e−002	−6.643376e−005	−1.021030e−008	4.789990e−013
2	1.291585e−004	5.961376e−007	5.832870e−011	−2.450718e−015
3	1.361941e−006	−2.054750e−009	−5.490814e−014	0.000000e+000

Schlumberger

Calibrations

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Live Fluid Analyzer Wellsite Calibration − Spectrometer Channels							
Master: 20−Nov−2004 18:28 Before: 29−Nov−2004 9:24							
Dark Mode − 0	0.02500	0.02433	0.02441	N/A	N/A	N/A	V
Dark Mode − 1	0.02500	0.02395	0.02399	N/A	N/A	N/A	V
Dark Mode − 2	0.02500	0.02408	0.02420	N/A	N/A	N/A	V
Dark Mode − 3	0.02500	0.02399	0.02411	N/A	N/A	N/A	V
Dark Mode − 4	0.02500	0.02398	0.02412	N/A	N/A	N/A	V
Dark Mode − 5	0.02500	0.02432	0.02456	N/A	N/A	N/A	V
Dark Mode − 6	0.02500	0.02411	0.02419	N/A	N/A	N/A	V
Dark Mode − 7	0.02500	0.02411	0.02429	N/A	N/A	N/A	V
Dark Mode − 8	0.02500	0.02429	0.02447	N/A	N/A	N/A	V
Dark Mode − 9	0.02500	0.02398	0.02420	N/A	N/A	N/A	V
Source Mode − 0	0	2.001	2.017	N/A	N/A	N/A	V
Source Mode − 1	0	1.256	1.286	N/A	N/A	N/A	V
Source Mode − 2	0	1.200	1.222	N/A	N/A	N/A	V
Source Mode − 3	0	1.320	1.336	N/A	N/A	N/A	V
Source Mode − 4	0	0.8597	0.8653	N/A	N/A	N/A	V
Source Mode − 5	0	0.9235	0.9404	N/A	N/A	N/A	V
Source Mode − 6	0	1.117	1.163	N/A	N/A	N/A	V
Source Mode − 7	0	1.718	1.723	N/A	N/A	N/A	V
Source Mode − 8	0	1.495	1.490	N/A	N/A	N/A	V
Source Mode − 9	0	1.317	1.324	N/A	N/A	N/A	V
Live Fluid Analyzer Wellsite Calibration − Gas Detector Channels							
Master: 20−Nov−2004 18:28 Before: 29−Nov−2004 9:24							
Dark Mode − 0	0.02500	0.02431	0.02451	N/A	N/A	N/A	V
Dark Mode − 1	0.02500	0.02392	0.02402	N/A	N/A	N/A	V
Dark Mode − 2	0.02500	0.02410	0.02431	N/A	N/A	N/A	V
Dark Mode − 3	0.02500	0.02446	0.02455	N/A	N/A	N/A	V
Dark Mode − 4	0.02500	0.02415	0.02431	N/A	N/A	N/A	V
Dark Mode − 5	0.02500	0.02443	0.02457	N/A	N/A	N/A	V
Live Fluid Analyzer Wellsite Calibration − Gas Detector Source Intensity							
Master: 20−Nov−2004 18:28 Before: 29−Nov−2004 9:24							
Source Intensity Dark Mode	0.02600	0.02487	0.02515	N/A	N/A	N/A	V
Source Intensity Source Mode	0.2500	0.2693	0.2633	N/A	N/A	N/A	V
Live Fluid Analyzer Master Calibration − Spectrometer							
Master: 20−Nov−2004 18:28							
Dry Dark Mode − 0	0.02500	0.02433	−−	−−	−−	−−	V
Dry Dark Mode − 1	0.02500	0.02395	−−	−−	−−	−−	V
Dry Dark Mode − 2	0.02500	0.02408	−−	−−	−−	−−	V
Dry Dark Mode − 3	0.02500	0.02399	−−	−−	−−	−−	V
Dry Dark Mode − 4	0.02500	0.02398	−−	−−	−−	−−	V
Dry Dark Mode − 5	0.02500	0.02432	−−	−−	−−	−−	V
Dry Dark Mode − 6	0.02500	0.02411	−−	−−	−−	−−	V
Dry Dark Mode − 7	0.02500	0.02411	−−	−−	−−	−−	V
Dry Dark Mode − 8	0.02500	0.02429	−−	−−	−−	−−	V
Dry Dark Mode − 9	0.02500	0.02398	−−	−−	−−	−−	V
Dry Source Mode − 0	0	2.001	−−	−−	−−	−−	V

Dry Source Mode − 1	0	1.256	−−	−−	−−	−−	V
Dry Source Mode − 2	0	1.200	−−	−−	−−	−−	V
Dry Source Mode − 3	0	1.320	−−	−−	−−	−−	V
Dry Source Mode − 4	0	0.8597	−−	−−	−−	−−	V
Dry Source Mode − 5	0	0.9235	−−	−−	−−	−−	V
Dry Source Mode − 6	0	1.117	−−	−−	−−	−−	V
Dry Source Mode − 7	0	1.718	−−	−−	−−	−−	V
Dry Source Mode − 8	0	1.495	−−	−−	−−	−−	V
Dry Source Mode − 9	0	1.317	−−	−−	−−	−−	V
Dry Measure Mode − 0	0	2.306	−−	−−	−−	−−	V
Dry Measure Mode − 1	0	2.217	−−	−−	−−	−−	V
Dry Measure Mode − 2	0	2.108	−−	−−	−−	−−	V
Dry Measure Mode − 3	0	2.075	−−	−−	−−	−−	V
Dry Measure Mode − 4	0	2.329	−−	−−	−−	−−	V
Dry Measure Mode − 5	0	2.453	−−	−−	−−	−−	V
Dry Measure Mode − 6	0	2.417	−−	−−	−−	−−	V
Dry Measure Mode − 7	0	2.368	−−	−−	−−	−−	V
Dry Measure Mode − 8	0	1.657	−−	−−	−−	−−	V
Dry Measure Mode − 9	0	2.165	−−	−−	−−	−−	V
Oil Dark Mode − 0	0.02500	0.02432	−−	−−	−−	−−	V
Oil Dark Mode − 1	0.02500	0.02392	−−	−−	−−	−−	V
Oil Dark Mode − 2	0.02500	0.02401	−−	−−	−−	−−	V
Oil Dark Mode − 3	0.02500	0.02395	−−	−−	−−	−−	V
Oil Dark Mode − 4	0.02500	0.02395	−−	−−	−−	−−	V
Oil Dark Mode − 5	0.02500	0.02435	−−	−−	−−	−−	V
Oil Dark Mode − 6	0.02500	0.02407	−−	−−	−−	−−	V
Oil Dark Mode − 7	0.02500	0.02407	−−	−−	−−	−−	V
Oil Dark Mode − 8	0.02500	0.02429	−−	−−	−−	−−	V
Oil Dark Mode − 9	0.02500	0.02399	−−	−−	−−	−−	V
Oil Source Mode − 0	0	2.000	−−	−−	−−	−−	V
Oil Source Mode − 1	0	1.260	−−	−−	−−	−−	V
Oil Source Mode − 2	0	1.203	−−	−−	−−	−−	V
Oil Source Mode − 3	0	1.321	−−	−−	−−	−−	V
Oil Source Mode − 4	0	0.8592	−−	−−	−−	−−	V
Oil Source Mode − 5	0	0.9233	−−	−−	−−	−−	V
Oil Source Mode − 6	0	1.119	−−	−−	−−	−−	V
Oil Source Mode − 7	0	1.717	−−	−−	−−	−−	V
Oil Source Mode − 8	0	1.491	−−	−−	−−	−−	V
Oil Source Mode − 9	0	1.315	−−	−−	−−	−−	V
Oil Measure Mode − 0	1.000	2.076	−−	−−	−−	−−	V
Oil Measure Mode − 1	1.000	2.565	−−	−−	−−	−−	V
Oil Measure Mode − 2	1.000	2.422	−−	−−	−−	−−	V
Oil Measure Mode − 3	1.000	2.389	−−	−−	−−	−−	V
Oil Measure Mode − 4	1.000	2.660	−−	−−	−−	−−	V
Oil Measure Mode − 5	1.000	2.741	−−	−−	−−	−−	V
Oil Measure Mode − 6	1.000	2.437	−−	−−	−−	−−	V
Oil Measure Mode − 7	1.000	2.598	−−	−−	−−	−−	V
Oil Measure Mode − 8	1.000	0.3478	−−	−−	−−	−−	V
Oil Measure Mode − 9	1.000	1.620	−−	−−	−−	−−	V
Water Dark Mode − 0	0.02500	0.02437	−−	−−	−−	−−	V
Water Dark Mode − 1	0.02500	0.02389	−−	−−	−−	−−	V
Water Dark Mode − 2	0.02500	0.02404	−−	−−	−−	−−	V
Water Dark Mode − 3	0.02500	0.02395	−−	−−	−−	−−	V
Water Dark Mode − 4	0.02500	0.02402	−−	−−	−−	−−	V
Water Dark Mode − 5	0.02500	0.02432	−−	−−	−−	−−	V
Water Dark Mode − 6	0.02500	0.02409	−−	−−	−−	−−	V
Water Dark Mode − 7	0.02500	0.02403	−−	−−	−−	−−	V
Water Dark Mode − 8	0.02500	0.02430	−−	−−	−−	−−	V
Water Dark Mode − 9	0.02500	0.02397	−−	−−	−−	−−	V
Water Source Mode − 0	0	1.997	−−	−−	−−	−−	V
Water Source Mode − 1	0	1.258	−−	−−	−−	−−	V
Water Source Mode − 2	0	1.202	−−	−−	−−	−−	V
Water Source Mode − 3	0	1.320	−−	−−	−−	−−	V
Water Source Mode − 4	0	0.8588	−−	−−	−−	−−	V
Water Source Mode − 5	0	0.9214	−−	−−	−−	−−	V
Water Source Mode − 6	0	1.115	−−	−−	−−	−−	V
Water Source Mode − 7	0	1.713	−−	−−	−−	−−	V
Water Source Mode − 8	0	1.492	−−	−−	−−	−−	V
Water Source Mode − 9	0	1.314	−−	−−	−−	−−	V
Water Measure Mode − 0	1.000	0.7992	−−	−−	−−	−−	V
Water Measure Mode − 1	1.000	2.407	−−	−−	−−	−−	V
Water Measure Mode − 2	1.000	2.274	−−	−−	−−	−−	V
Water Measure Mode − 3	1.000	2.234	−−	−−	−−	−−	V
Water Measure Mode − 4	1.000	2.442	−−	−−	−−	−−	V
Water Measure Mode − 5	1.000	2.043	−−	−−	−−	−−	V
Water Measure Mode − 6	1.000	0.02847	−−	−−	−−	−−	V
Water Measure Mode − 7	1.000	0.5890	−−	−−	−−	−−	V
Water Measure Mode − 8	1.000	0.5017	−−	−−	−−	−−	V
Water Measure Mode − 9	1.000	0.02415	−−	−−	−−	−−	V

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Dry Dark Mode − 0	0.02500	0.02431	−−	−−	−−	−−	V
Dry Dark Mode − 1	0.02500	0.02392	−−	−−	−−	−−	V
Dry Dark Mode − 2	0.02500	0.02410	−−	−−	−−	−−	V
Dry Dark Mode − 3	0.02500	0.02446	−−	−−	−−	−−	V
Dry Dark Mode − 4	0.02500	0.02415	−−	−−	−−	−−	V
Dry Dark Mode − 5	0.02500	0.02443	−−	−−	−−	−−	V
Dry Measure Mode − 0	0	0.1152	−−	−−	−−	−−	V
Dry Measure Mode − 1	0	0.1445	−−	−−	−−	−−	V
Dry Measure Mode − 2	0	0.3539	−−	−−	−−	−−	V
Dry Measure Mode − 3	0	0.3686	−−	−−	−−	−−	V
Dry Measure Mode − 4	0	0.3788	−−	−−	−−	−−	V
Dry Measure Mode − 5	0	0.3092	−−	−−	−−	−−	V
Dry Normalized − 0	0	0.2640	−−	−−	−−	−−	V
Dry Normalized − 1	0	0.3502	−−	−−	−−	−−	V
Dry Normalized − 2	0	0.9582	−−	−−	−−	−−	V
Dry Normalized − 3	0	1.000	−−	−−	−−	−−	V
Dry Normalized − 4	0	1.030	−−	−−	−−	−−	V
Dry Normalized − 5	0	0.8273	−−	−−	−−	−−	V
Water Dark Mode − 0	0.02500	0.02435	−−	−−	−−	−−	V
Water Dark Mode − 1	0.02500	0.02391	−−	−−	−−	−−	V
Water Dark Mode − 2	0.02500	0.02410	−−	−−	−−	−−	V
Water Dark Mode − 3	0.02500	0.02442	−−	−−	−−	−−	V
Water Dark Mode − 4	0.02500	0.02416	−−	−−	−−	−−	V
Water Dark Mode − 5	0.02500	0.02440	−−	−−	−−	−−	V
Water Measure Mode − 0	1.000	0.1106	−−	−−	−−	−−	V
Water Measure Mode − 1	1.000	0.07399	−−	−−	−−	−−	V
Water Measure Mode − 2	1.000	0.04403	−−	−−	−−	−−	V
Water Measure Mode − 3	1.000	0.03919	−−	−−	−−	−−	V
Water Measure Mode − 4	1.000	0.04653	−−	−−	−−	−−	V
Water Measure Mode − 5	1.000	0.07911	−−	−−	−−	−−	V

Live Fluid Analyzer Master Calibration − Gas Detector Source Intensity
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Source Intensity Dark Mode	0.02600	0.02487	−−	−−	−−	−−	V
Source Intensity Source Mode	0.2500	0.2693	−−	−−	−−	−−	V

Live Fluid Analyzer Master Calibration − Absorption Coefficients
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Oil Absorption Coefficie − 0	0	0.04607	−−	−−	−−	−−	V
Oil Absorption Coefficie − 1	0	−0.06395	−−	−−	−−	−−	V
Oil Absorption Coefficie − 2	0	−0.06099	−−	−−	−−	−−	V
Oil Absorption Coefficie − 3	0	−0.06192	−−	−−	−−	−−	V
Oil Absorption Coefficie − 4	0	−0.05829	−−	−−	−−	−−	V
Oil Absorption Coefficie − 5	0	−0.04869	−−	−−	−−	−−	V
Oil Absorption Coefficie − 6	0	−0.003689	−−	−−	−−	−−	V
Oil Absorption Coefficie − 7	0	−0.04078	−−	−−	−−	−−	V
Oil Absorption Coefficie − 8	0	0.7030	−−	−−	−−	−−	V
Oil Absorption Coefficie − 9	0	0.1275	−−	−−	−−	−−	V
Water Absorption Coeffic − 0	0	0.4689	−−	−−	−−	−−	V
Water Absorption Coeffic − 1	0	−0.03607	−−	−−	−−	−−	V
Water Absorption Coeffic − 2	0	−0.03323	−−	−−	−−	−−	V
Water Absorption Coeffic − 3	0	−0.03243	−−	−−	−−	−−	V
Water Absorption Coeffic − 4	0	−0.02087	−−	−−	−−	−−	V
Water Absorption Coeffic − 5	0	0.08029	−−	−−	−−	−−	V
Water Absorption Coeffic − 6	0	2.738	−−	−−	−−	−−	V
Water Absorption Coeffic − 7	0	0.6178	−−	−−	−−	−−	V
Water Absorption Coeffic − 8	0	0.5341	−−	−−	−−	−−	V
Water Absorption Coeffic − 9	0	4.094	−−	−−	−−	−−	V

Scintillation Gamma−Ray − L Wellsite Calibration − Detector Calibration
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Gamma Ray Background	30.00	N/A	4.439	N/A	N/A	N/A	GAPI
Gamma Ray (Jig − Bkg)	149.6	N/A	149.6	N/A	N/A	13.60	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	N/A	N/A	15.00	GAPI

Live Fluid Analyzer / Equipment Identification

Primary Equipment:
Live Fluid Analyzer (TW) MRFA − EA 8030

Auxiliary Equipment:

Live Fluid Analyzer Wellsite Calibration
Spectrometer Channels

Idx	Phase	Dark Mode V	Value	Idx	Phase	Source Mode V	Value

Idx	Phase	Value
0	Master	0.02433
	Before	0.02441
1	Master	0.02395
	Before	0.02399
2	Master	0.02408
	Before	0.02420
3	Master	0.02399
	Before	0.02411
4	Master	0.02398
	Before	0.02412
5	Master	0.02432
	Before	0.02456
6	Master	0.02411
	Before	0.02419
7	Master	0.02411
	Before	0.02429
8	Master	0.02429
	Before	0.02447
9	Master	0.02398
	Before	0.02420

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Phase	Value
0	Master	2.001
	Before	2.017
	0.2000 (Minimum) 1.400 (Nominal) 2.600 (Maximum)	
1	Master	1.256
	Before	1.286
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
2	Master	1.200
	Before	1.222
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
3	Master	1.320
	Before	1.336
	0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)	
4	Master	0.8597
	Before	0.8653
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
5	Master	0.9235
	Before	0.9404
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
6	Master	1.117
	Before	1.163
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
7	Master	1.718
	Before	**1.723**
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
8	Master	1.495
	Before	1.490
	0.2000 (Minimum) 1.950 (Nominal) 2.600 (Maximum)	
9	Master	1.317
	Before	1.324
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	

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Live Fluid Analyzer Wellsite Calibration

Gas Detector Channels

Idx	Phase	Dark Mode V	Value
0	Master		0.02431
	Before		0.02451
1	Master		0.02392
	Before		0.02402
2	Master		0.02410
	Before		0.02431
3	Master		0.02446
	Before		0.02455
4	Master		0.02415
	Before		0.02431
	Master		0.02443

5	Before	0.02457
	0.01700 (Minimum)	0.02500 (Nominal) 0.03300 (Maximum)

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Live Fluid Analyzer Wellsite Calibration

Gas Detector Source Intensity

Phase	Source Intensity Dark Mode V	Value	Phase	Source Intensity Source Mode V	Value
Master		0.02487	Master		0.2693
Before		0.02515	Before		0.2633
	0.01700 (Minimum) 0.02600 (Nominal) 0.03500 (Maximum)			0.1900 (Minimum) 0.2500 (Nominal) 0.3100 (Maximum)	

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Live Fluid Analyzer Master Calibration

Spectrometer

Idx	Dry Dark Mode V	Value
0		0.02433
1		0.02395
2		0.02408
3		0.02399
4		0.02398
5		0.02432
6		0.02411
7		0.02411
8		0.02429
9		0.02398
	0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)	

Idx	Oil Dark Mode V	Value
0		0.02432
1		0.02392
2		0.02401
3		0.02395
4		0.02395
5		0.02435
6		0.02407
7		0.02407
8		0.02429
9		0.02399
	0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)	

Idx	Water Dark Mode V	Value
0		0.02437
1		0.02389
2		0.02404
3		0.02395
4		0.02402
5		0.02432
6		0.02409
7		0.02403

Idx	Dry Source Mode V	Value
0		2.001
	0.2000 (Minimum) 1.400 (Nominal) 2.600 (Maximum)	
1		1.256
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
2		1.200
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
3		1.320
	0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)	
4		0.8597
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
5		0.9235
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
6		1.117
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
7		1.718
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
8		1.495
	0.2000 (Minimum) 1.950 (Nominal) 2.600 (Maximum)	
9		1.317
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	

Idx	Oil Source Mode V	Value
0		2.000
	0.2000 (Minimum) 1.400 (Nominal) 2.600 (Maximum)	
1		1.260
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
2		1.203
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
3		1.321
	0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)	
4		0.8592
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
5		0.9233

Idx	Dry Measure Mode V	Value
0		2.306
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
1		2.217
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
2		2.108
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
3		2.075
	1.700 (Minimum) 2.300 (Nominal) 2.900 (Maximum)	
4		2.329
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
5		2.453
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
6		2.417
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
7		2.368
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
8		1.657
	1.350 (Minimum) 1.830 (Nominal) 2.300 (Maximum)	
9		2.165
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	

Idx	Oil Measure Mode V	Value
0		2.076
1		2.565
2		2.422
3		2.389
4		2.660
5		2.741
6		2.437
7		2.598
8		0.3478
9		1.620
	0 1.000 4.500	

Idx	Dry Dark Mode V	Value
8		0.02430
9		0.02397

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Water Source Mode V	Value
0		1.997
1		1.258
2		1.202
3		1.320
4		0.8588
5		0.9214
6		1.115
7		1.713
8		1.492
9		1.314

Idx	Water Measure Mode V	Value
0		0.7992
1		2.407
2		2.274
3		2.234
4		2.442
5		2.043
6		0.02847
7		0.5890
8		0.5017
9		0.02415

0 (Minimum) 1.000 (Nominal) 4.500 (Maximum)

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Live Fluid Analyzer Master Calibration

Gas Detector

Idx	Dry Dark Mode V	Value
0		0.02431
1		0.02392
2		0.02410
3		0.02446
4		0.02415
5		0.02443

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Water Dark Mode V	Value
0		0.02435
1		0.02391
2		0.02410

Idx	Dry Measure Mode V	Value
0		0.1152
1		0.1445
2		0.3539
3		0.3686
4		0.3788

0 (Minimum) 0.5000 (Nominal) 1.000 (Maximum)

Idx	Dry Normalized V	Value
0		0.2640
1		0.3502
2		0.9582
3		1.000
4		1.030

0.08000 (Minimum) 0.2000 (Nominal) 0.3200 (Maximum)

0.2530 (Minimum) 0.4600 (Nominal) 0.6670 (Maximum)

0.8080 (Minimum) 1.010 (Nominal) 1.212 (Maximum)

1.000 (Minimum) 1.000 (Nominal) 1.000 (Maximum)

0.7360 (Minimum) 0.9200 (Nominal) 1.104 (Maximum)

Idx		Value
3		0.02442
4		0.02416
5		0.02440

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx		Value
5		0.3092

0 (Minimum) 0.5000 (Nominal) 1.000 (Maximum)

Idx		Value
5		0.8273

0.5250 (Minimum) 0.7500 (Nominal) 0.9750 (Maximum)

Idx	Water Measure Mode V	Value
0		0.1106
1		0.07399
2		0.04403
3		0.03919
4		0.04653
5		0.07911

0 (Minimum) 1.000 (Nominal) 4.500 (Maximum)

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Live Fluid Analyzer Master Calibration

Gas Detector Source Intensity

Source Intensity Dark Mode V	Value	Source Intensity Source Mode V	Value
	0.02487		0.2693
0.01700 (Minimum) 0.02600 (Nominal) 0.03500 (Maximum)		0.1900 (Minimum) 0.2500 (Nominal) 0.3100 (Maximum)	

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Live Fluid Analyzer Master Calibration

Absorption Coefficients

Idx	Oil Absorption Coefficients V	Value	Idx	Water Absorption Coefficients V	Value
0		0.04607	0		0.4689
	0.003000 (Minimum) 0.05300 (Nominal) 0.1030 (Maximum)			0.4300 (Minimum) 0.4800 (Nominal) 0.5300 (Maximum)	
1		−0.06395	1		−0.03607
	−0.1000 (Minimum) −0.06000 (Nominal) −0.02000 (Maximum)			−0.1000 (Minimum) −0.05500 (Nominal) −0.010000 (Maximum)	
2		−0.06099	2		−0.03323
	−0.1000 (Minimum) −0.06000 (Nominal) −0.02000 (Maximum)			−0.1000 (Minimum) −0.05500 (Nominal) −0.010000 (Maximum)	
3		−0.06192	3		−0.03243
	−0.1000 (Minimum) −0.06000 (Nominal) −0.02000 (Maximum)			−0.08000 (Minimum) −0.04000 (Nominal) 0 (Maximum)	
4		−0.05829	4		−0.02087
	−0.1000 (Minimum) −0.06000 (Nominal) −0.02000 (Maximum)			−0.07000 (Minimum) −0.03000 (Nominal) 0.010000 (Maximum)	
5		−0.04869	5		0.08029
	−0.1000 (Minimum) −0.06500 (Nominal) −0.03000 (Maximum)			0.02000 (Minimum) 0.06500 (Nominal) 0.1100 (Maximum)	
6		−0.003689	6		2.738
	−0.03000 (Minimum) 0 (Nominal) 0.03000 (Maximum)			2.450 (Minimum) 2.650 (Nominal) 2.850 (Maximum)	
7		−0.04078	7		0.6178
	−0.08000 (Minimum) −0.04000 (Nominal) 0 (Maximum)			0.5800 (Minimum) 0.6400 (Nominal) 0.7000 (Maximum)	
8		0.7030	8		0.5341
	0.6700 (Minimum) 0.7350 (Nominal) 0.8000 (Maximum)			0.4700 (Minimum) 0.5300 (Nominal) 0.5900 (Maximum)	
9		0.1275	9		4.094
	0.08000 (Minimum) 0.1300 (Nominal) 0.1800 (Maximum)			2.700 (Minimum) 3.000 (Nominal) 50.00 (Maximum)	

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Scintillation Gamma−Ray − L / Equipment Identification

Primary Equipment:

Scintillation Gamma Cartridge	SGC − SA
Scintillation Gamma Detector	SGD − TAA

Auxiliary Equipment:

Scintillation Gamma Housing	SGH − K	508
Gamma Source Radioactive	GSR − U/Y	

Scintillation Gamma−Ray − L Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value	Phase	Gamma Ray (Jig − Bkg) GAPI	Value	Phase	Gamma Ray (Calibrated) GAPI	Value
Before		4.439	Before		149.6	Before		165.0
0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)	136.0 (Minimum)	149.6 (Nominal)	163.2 (Maximum)	150.0 (Minimum)	165.0 (Nominal)	180.0 (Maximum)

Before: 25−Nov−2004 17:31

Company: **Origin Energy Resources Ltd.**

Schlumberger

Well: **Trefoil−1**
Field: **Trefoil**
Rig: **ENSCO 102**
Country: **Australia**

MDT−GR
Modular Dynamics Tester
Combined Sampling and Pretest Print