Company: **Origi**

Well: **Trefo**
Field: **Trefo**
Rig: **ENS**

MDT-
Modu
Samp

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

LOCATION	GDA94
	Northing
	Easting
	Perman
	Log Me
	Drilling
State:	Tasman

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 Temperature		
RMF @ Measured Temperatu		
RMC @ Measured Temperatu		
Source RMF	RMC	
RM @ MRT	RMF @ M	
Maximum Recorded Temperat		
Circulation Stopped		
Logger On Bottom		
Unit Number	Locatio	
Recorded By		
Witnessed By		

Schlumberger

in Energy Resources Ltd.

oil−1
oil
CO 102 Country: Australia

−GR

ular Dynamics Tester

pling Print

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

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

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

	Run 1	Run 2	Run 3	Run 4

	25−Nov−2004					
	Suite−1, Run 3					
	3545.1 m					
	3418.3 m					
	3390 m					
	2626 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				
RT	0.069 @ 117	0.058 @ 117		@		@
tures	125 degC					
Time	24−Nov−2004	0:45				
Time	26−Nov−2004	12:00				
n	571	AUSL				
	J. Robertson/C. Bassignana/M.Webb					
	Dave Cohen/Mark Tindale					

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								

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
THE USE OF AND RELIANCE UPON THIS RECORDED−DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED−DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED−DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED−DATA.

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, with MRHY and MRMS 2 eccentred with 1.0" standoffs.
Objective of survey was to fill 4x450cc MRPS bottles and 8x250cc SPMC bottles.
Additional points were tested for formation pressure and fluid type using LFA.
See additional print for pretest data.
TD was not reached due to hang up at 3418.3m.
One attempt to move tool below hang up point but this was unsuccessful.
Low oil level noticed on MRHY at 0:45 26−Nov−04. Tool POOH and examined.
O−Ring on MRPS found to be damaged; this was replaced before a subsequent RIH.
The pressure probe was set 24 times: samples were taken at 6 points and fluid analysis completed at and additional 5 points.
An extra 13 pretests were attempted. Two pretests were successful, four were dry, four were lost seals,
two were unrecognizable and one was aborted.
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 125degC from MDT resistivity cell thermometer.
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

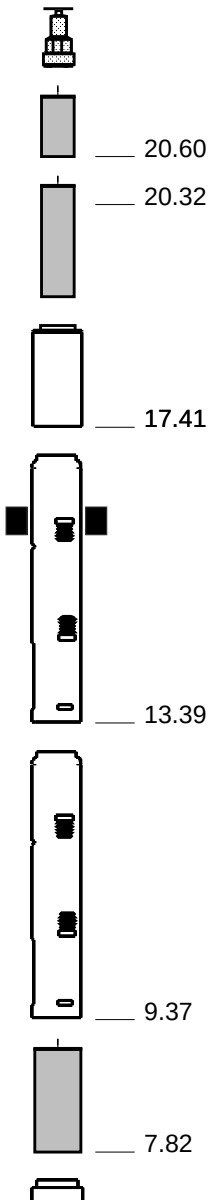
EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

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

DOWNHOLE EQUIPMENT



LEH−QT 22.83
LEH−QT 1519

TCC−BF 21.95
ECH−KC 360
TCC−BF 181

SGT−L 21.03
SGH−K 508
SGC−SA 367
SGD−TAA 2354

MRPC−CA 19.35
MRPC−CA 229

MRMS_2− 17.84
BOTT_6−AA 273
BOTT_5−AA 113
BOTT_4−AA 192
BOTT_3−AA 272
BOTT_2−AA 248
BOTT_1−AA 247
MRMS_2−CA 216

MRMS_1 13.82
BOTT_6−AA 246
BOTT_5−AA 122
BOTT_4−AA 187
BOTT_3−AA 245
BOTT_2−AA 244
BOTT_1−AA 243
MRMS_1−BA 11

LFA 9.80
MRFA−EA 8090

MRPO_UD 8.25
MRPOUD−DU−AA
MRPOUD−CA 309

MRHY_1 5.01
MRHY_1−BA 301

MRHY_1−BA 391

HY1 — 2.01

MRPS_1 — 2.44

MRPS_1−BD 395

DF

PS1−CQG−G HV

Tension PS1 — TOOL ZERO

TOOL BOTTOM

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

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
2968.7	148	Water/Gas	250	216	248	2 Multiple samples
		Water/Gas	250	216	272	3
		Water/Gas	450	216	192	4
3006.5	144	Water	250	216	247	1 Single sample
3057.2	126	Water/Gas	250	11	243	1 Multiple samples
			450	216	113	5
			450	216	273	6
3142.7	115	Water/Gas	250	11	244	2 Multiple samples
			250	11	245	3
			250	11	187	4
3264.0	112	Water	250	11	246	6 Single sample
3386.5	111	Water	450	11	122	5 Single sample

Schlumberger

Pretest Summary

MAXIS Field Log

Client:	**Origin Energy Resources Ltd.**	**Tool:**	**MRPS_1−**
Field:	**Trefoil**	**Probe Type:**	**Large−diameter probe**
Well:	**Trefoil−1**	**Gauge:**	**BQP1**
Run date:	**24−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
6	148	2968.69	2968.69	58.21	4733.51	4732.94	4201.31	4201.31	Normal Pretest

Client:	**Origin Energy Resources Ltd.**	**Tool:**	**MRPS_1−**
Field:	**Trefoil**	**Probe Type:**	**Large−diameter probe**
Well:	**Trefoil−1**	**Gauge:**	**BQP1**
Run date:	**24−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
98	111	3386.46	3386.46	9.35	5404.02	5404.75	4871.89	4871.89	Volumetric Limited draw−down
100	112	3263.98	3263.98	15.10	5206.94	5216.65	4762.59	4762.59	Volumetric Limited draw−down
102	114	3142.48	3142.48		5011.98	5012.01		4610.56	Unrecognizable
104	115	3142.71	3142.71	259.70	5012.34	5011.91	4489.01	4489.01	Volumetric Limited draw−down

106	117	3162.00	3162.00	30.71	5042.77	5042.92	4518.24	4518.24	Volumetric Limited draw−down
108	120	3068.51	3068.51		4893.58	4893.47	4660.85	4660.85	Dry Test
110	121	3067.00	3067.00		4891.17	4891.23	1931.54	1931.54	Dry Test
112	124	3067.49	3067.49		4891.97	4891.94	1603.75	1603.75	Dry Test
114	125	3071.01	3071.01		4897.46	4897.37	4536.15	4536.15	Dry Test
116	126	3057.22	3057.22	17.82	4875.49	4875.30	4356.29	4356.29	Volumetric Limited draw−down
117	129	3161.99	3161.99		5041.78	5041.77			Lost Seal
118	130	3162.18	3162.18		5042.22	5042.20		5096.87	Lost Seal
1	132	3161.84	3161.84		5041.76	5041.74		5026.97	Lost Seal
2	133	3162.51	3162.51		5042.94	5042.86			Lost Seal
4	134	3162.34	3162.34	0.30	5042.72	5042.44	4513.40	4513.40	Volumetric Limited draw−down
6	135	3162.05	3162.05	3.56	5042.08	5042.12	4517.85	4517.85	Volumetric Limited draw−down
8	138	3045.00	3045.00	3.24	4855.25	4855.14	4705.07	4705.07	Volumetric Limited draw−down
−1	139	3045.21	3045.21						Unrecognizable
1	141	3045.21	3045.21	60.91	4855.50	4855.16	4304.96	4304.96	Normal Pretest
3	144	3006.47	3006.47	24.71	4794.10	4793.83	4686.47	4686.47	Normal Pretest
5	147	2977.83	2977.83	9.81	4748.08	4747.94	4212.20	4212.20	Volumetric Limited draw−down
4	145	2981.97	2981.97	18.92	4755.03	4754.50	4213.29	4213.29	Normal Pretest

Schlumberger

Sample @ 2968.7 mMD

MAXIS Field Log

File 148

24−Nov−2004

Depth, M: 2968.69

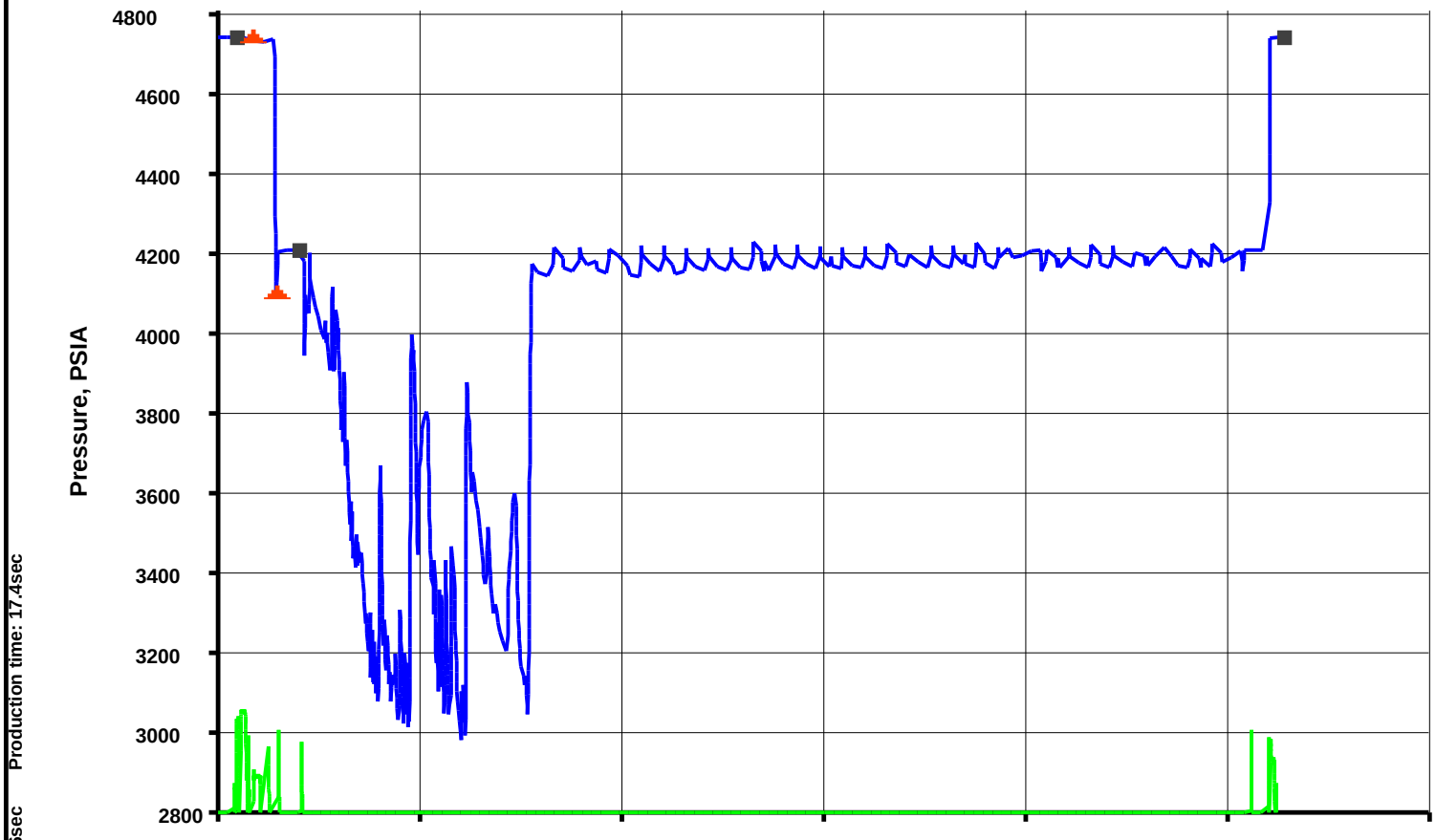
Origin Energy Resources Ltd.

Trefoil

Trefoil−1

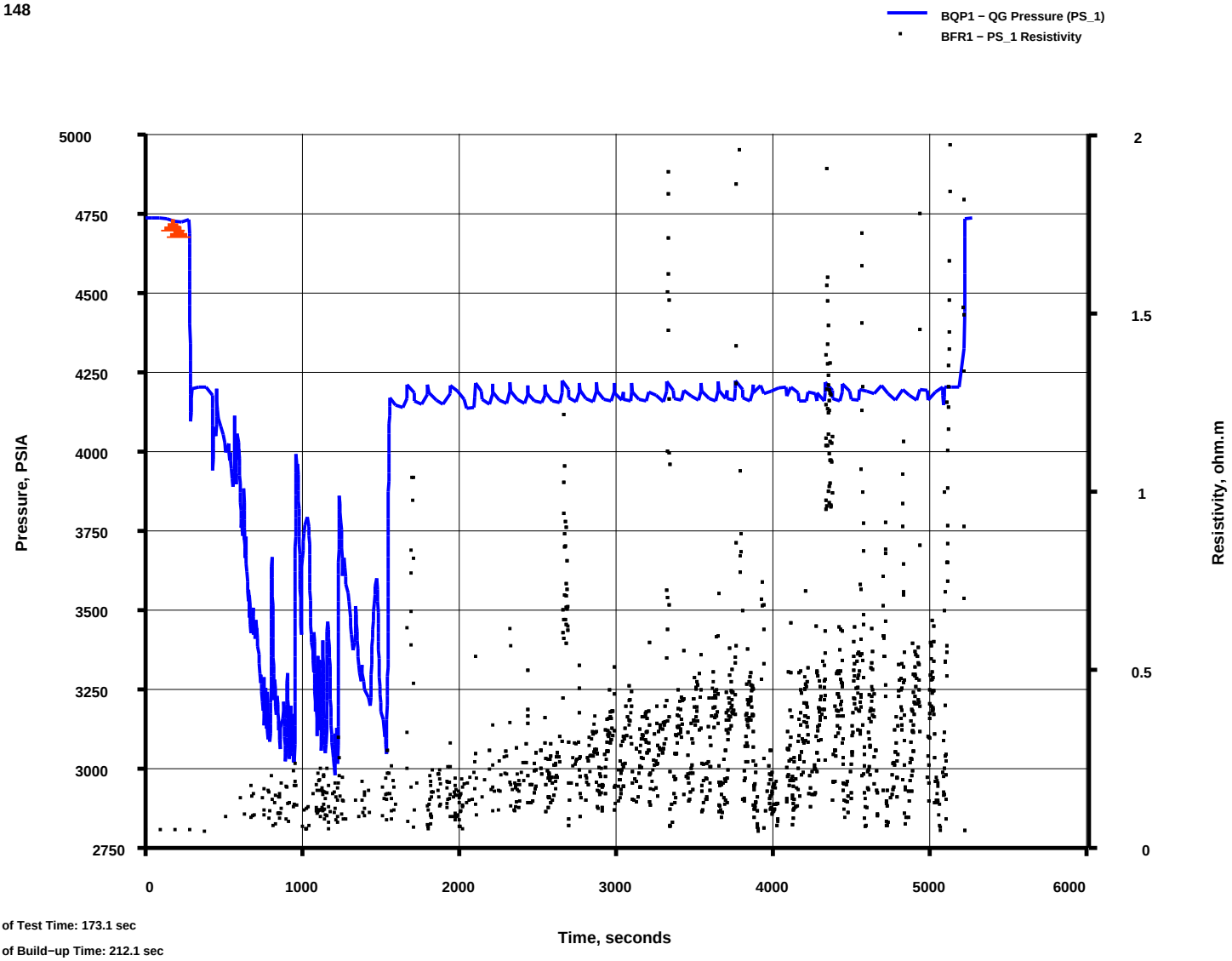
Normal Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	4733.51
Mud Pressure after test, PSIA:	4732.94
Last build−up pressure, PSIA:	4201.31
Draw−down mobility, md/cp:	58.2



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

File 148



Start of Test Time: 173.1 sec

Start of Build−up Time: 212.1 sec

Reference pressure st start of build−up (BQP1) 4746.7 PSIA.

Input DLIS Files

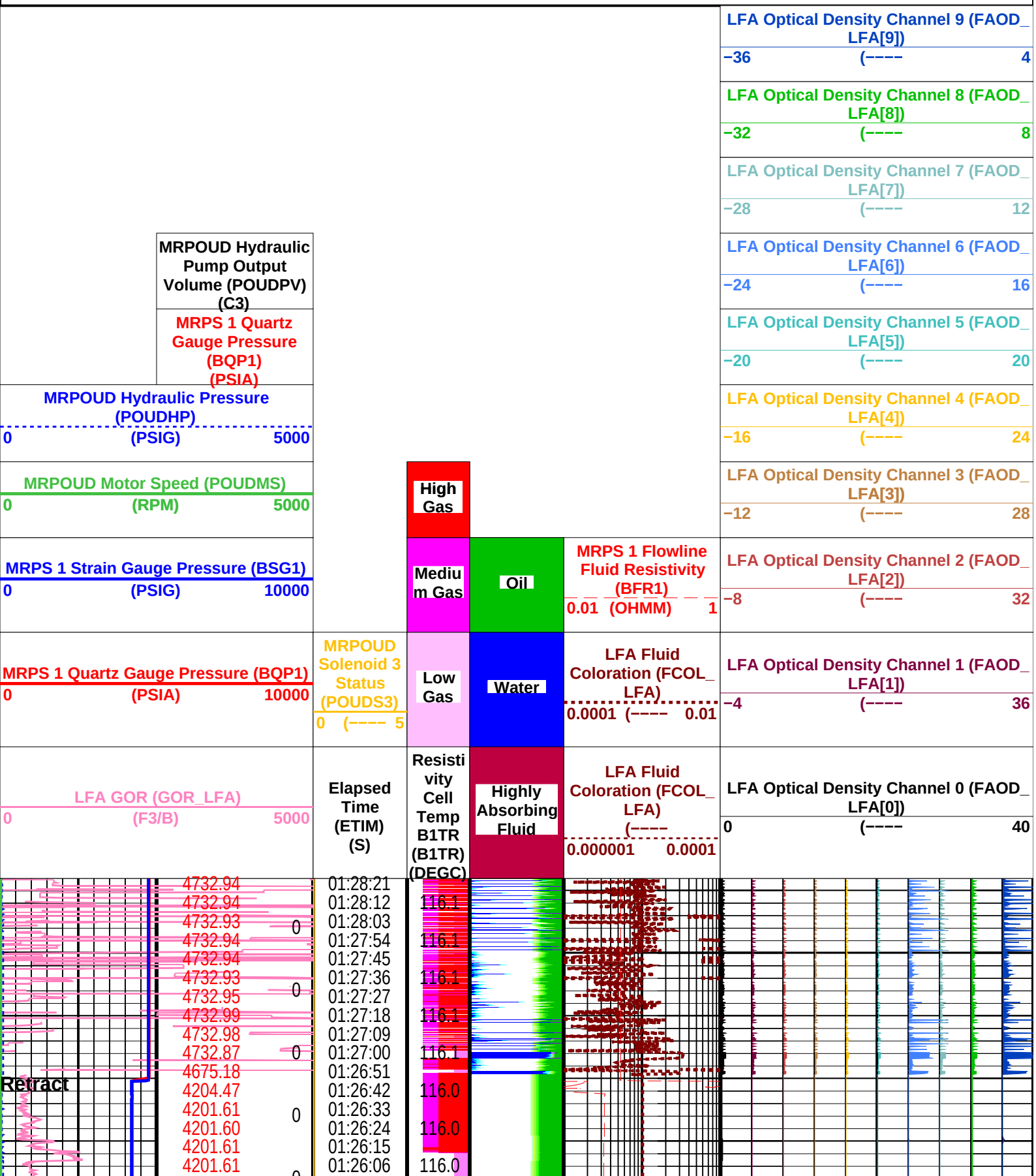
DEFAULT	MDT_OFA_148LTP	FN:233	PRODUCER	27−Nov−2004 18:02	2968.7 M	13.5 M

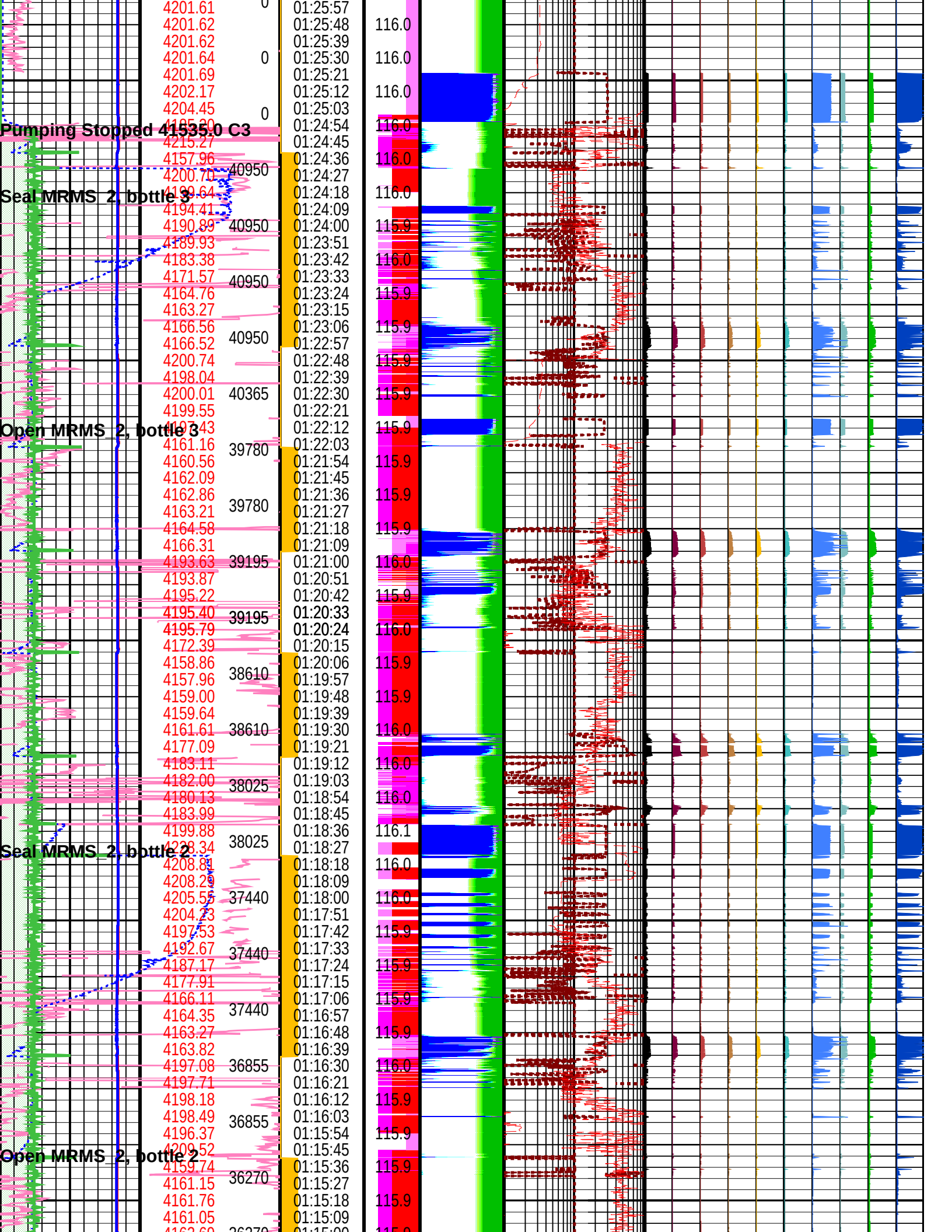
Output DLIS Files

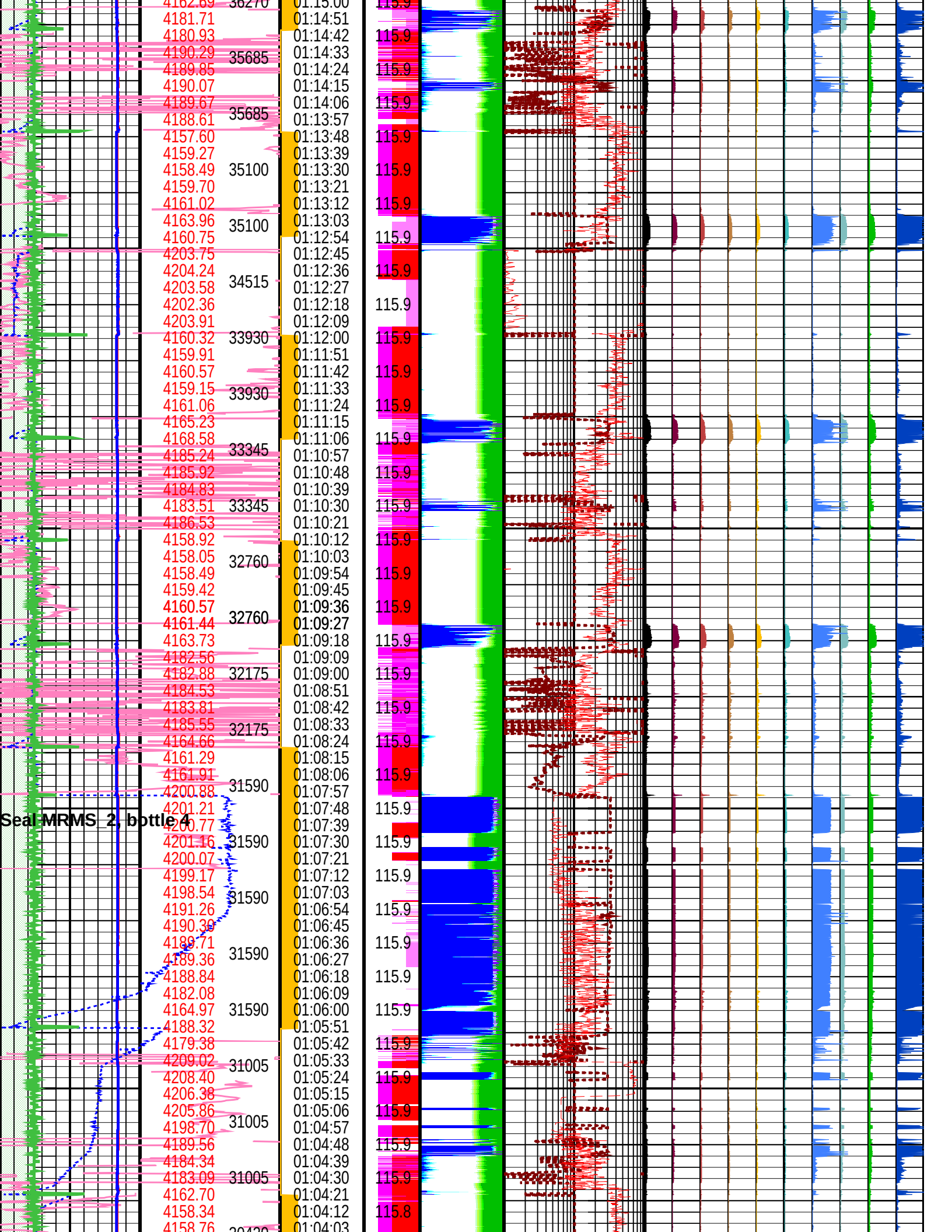
DEFAULT	MDT_OFA_051PTP	FN:50	PRODUCER	27−Nov−2004 23:06	2968.7 M	13.5 M

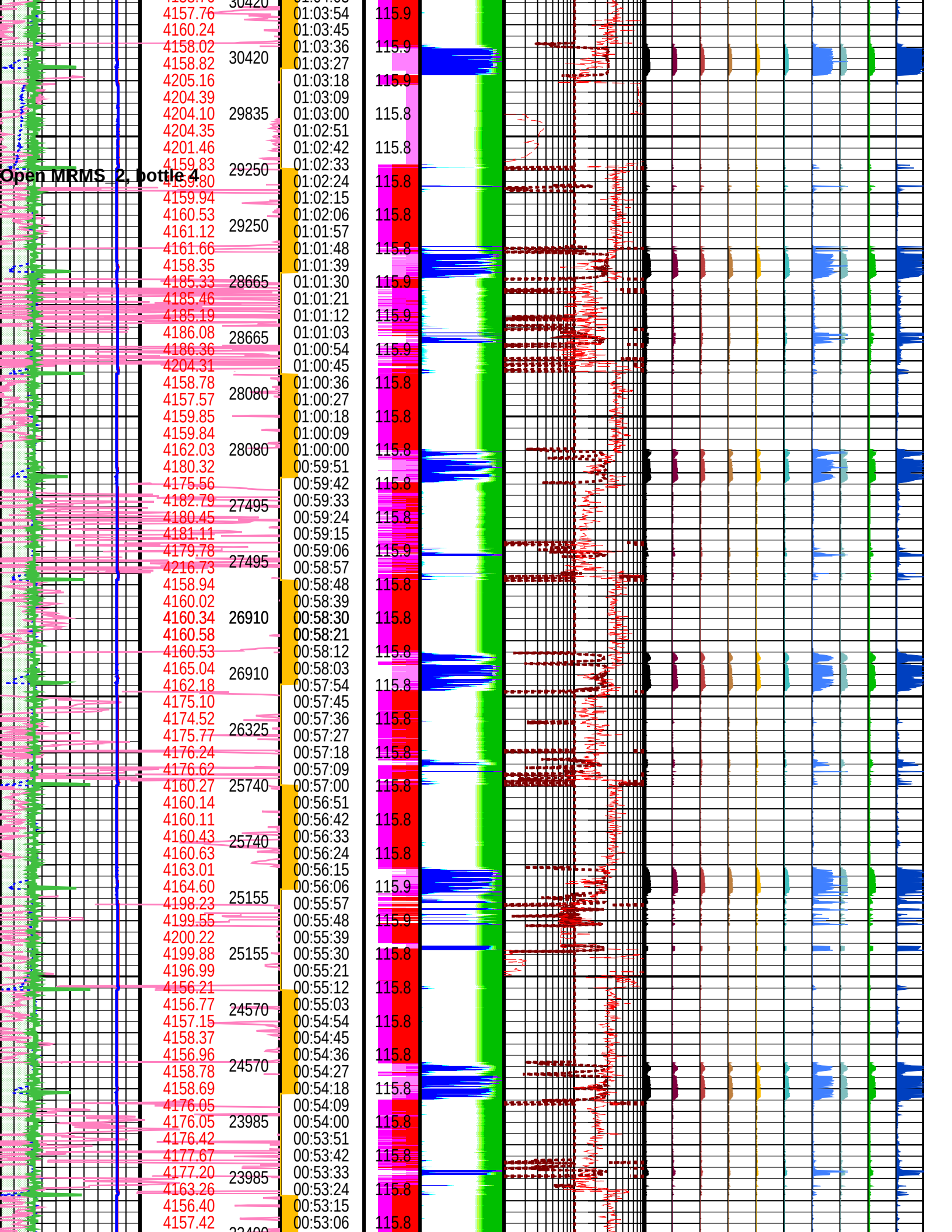
Elapsed Time (s)	Event Summary
5208.6	Retract Single Probe Module (MRPS) 1
5094.9	Pumping Stopped 41535.0 C3 Dual Up−down Pumpout Module (MRPOUD)
5059.5	Seal Multi−Sample Module (MRMS) 2, bottle 3
4934.1	Open Multi−Sample Module (MRMS) 2, bottle 3, sample number = 4
4708.5	Seal Multi−Sample Module (MRMS) 2, bottle 2
4545.3	Open Multi−Sample Module (MRMS) 2, bottle 2, sample number = 3
4065.3	Seal Multi−Sample Module (MRMS) 2, bottle 4

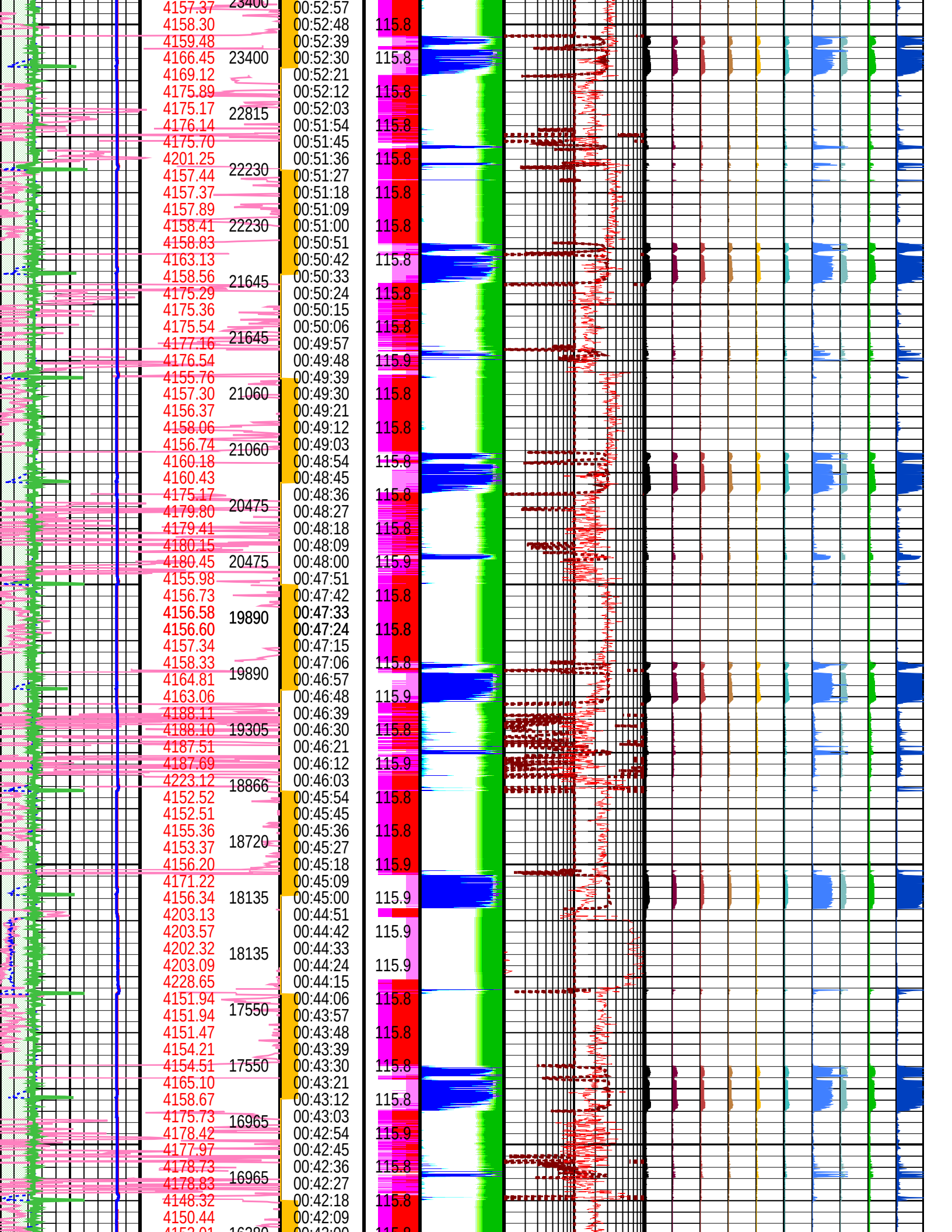
3750.6	Open Multi−Sample Module (MRMS) 2, bottle 4, sample number = 2
426.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
294.9	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
277.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
173.1	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
109.5	Probe Set @ 2968.7 M Single Probe Module (MRPS) 1

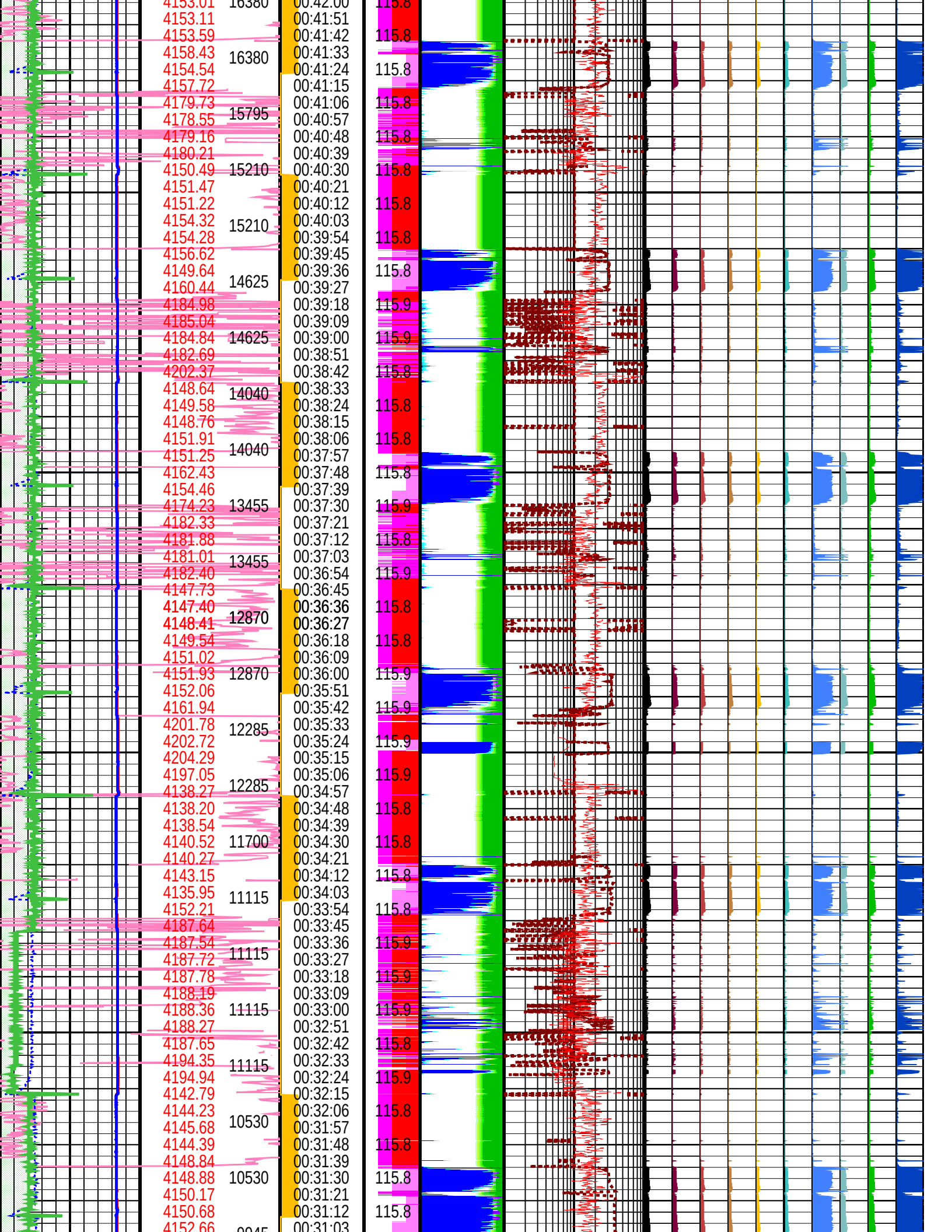



Pumping Stopped 41535.0 C3
Seal MRMS_2, bottle 3
Open MRMS_2, bottle 3
Seal MRMS_2, bottle 2
Open MRMS_2, bottle 2


Seal MRMS_2, bottle 4


Open MRMS_2, bottle 4
4157.76 30420 01:03:54 115.9
4160.24 01:03:45
4158.02 01:03:36 115.9
4158.82 30420 01:03:27
4205.16 01:03:18 115.9
4204.39 01:03:09
4204.10 29835 01:03:00 115.8
4204.35 01:02:51
4201.46 01:02:42 115.8
4159.83 29250 01:02:33
4159.80 01:02:24 115.8
4159.94 01:02:15
4160.53 01:02:06 115.8
4161.12 29250 01:01:57
4161.66 01:01:48 115.8
4158.35 01:01:39
4185.33 28665 01:01:30 115.9
4185.46 01:01:21
4185.19 01:01:12 115.9
4186.08 28665 01:01:03
4186.36 01:00:54 115.9
4204.31 01:00:45
4158.78 28080 01:00:36 115.8
4157.57 01:00:27
4159.85 01:00:18 115.8
4159.84 01:00:09
4162.03 28080 01:00:00 115.8
4180.32 00:59:51
4175.56 00:59:42 115.8
4182.79 27495 00:59:33
4180.45 00:59:24 115.8
4181.11 00:59:15
4179.78 00:59:06 115.9
4216.73 27495 00:58:57
4158.94 00:58:48 115.8
4160.02 00:58:39
4160.34 26910 00:58:30 115.8
4160.58 00:58:21
4160.53 00:58:12 115.8
4165.04 26910 00:58:03
4162.18 00:57:54 115.8
4175.10 00:57:45
4174.52 00:57:36 115.8
4175.77 26325 00:57:27
4176.24 00:57:18 115.8
4176.62 00:57:09
4160.27 25740 00:57:00 115.8
4160.14 00:56:51
4160.11 00:56:42 115.8
4160.43 25740 00:56:33
4160.63 00:56:24 115.8
4163.01 00:56:15
4164.60 00:56:06 115.9
4198.23 25155 00:55:57
4199.55 00:55:48 115.9
4200.22 00:55:39
4199.88 25155 00:55:30 115.8
4196.99 00:55:21
4156.21 00:55:12 115.8
4156.77 24570 00:55:03
4157.15 00:54:54 115.8
4158.37 00:54:45
4156.96 00:54:36 115.8
4158.78 24570 00:54:27
4158.69 00:54:18 115.8
4176.05 00:54:09
4176.05 23985 00:54:00 115.8
4176.42 00:53:51
4177.67 00:53:42 115.8
4177.20 23985 00:53:33
4163.26 00:53:24 115.8
4156.40 00:53:15
4157.42 00:53:06 115.8


4157.37 23400 00:52:57
4158.30 00:52:48 115.8
4159.48 00:52:39
4166.45 23400 00:52:30 115.8
4169.12 00:52:21
4175.89 00:52:12 115.8
4175.17 22815 00:52:03
4176.14 00:51:54 115.8
4175.70 00:51:45
4201.25 00:51:36 115.8
4157.44 22230 00:51:27
4157.37 00:51:18 115.8
4157.89 00:51:09
4158.41 22230 00:51:00 115.8
4158.83 00:50:51
4163.13 00:50:42 115.8
4158.56 21645 00:50:33
4175.29 00:50:24 115.8
4175.36 00:50:15
4175.54 00:50:06 115.8
4177.16 21645 00:49:57
4176.54 00:49:48 115.9
4155.76 00:49:39
4157.30 21060 00:49:30 115.8
4156.37 00:49:21
4158.06 00:49:12 115.8
4156.74 21060 00:49:03
4160.18 00:48:54 115.8
4160.43 00:48:45
4175.17 00:48:36 115.8
4179.80 20475 00:48:27
4179.41 00:48:18 115.8
4180.15 00:48:09
4180.45 20475 00:48:00 115.9
4155.98 00:47:51
4156.73 00:47:42 115.8
4156.58 19890 00:47:33
4156.60 00:47:24 115.8
4157.34 00:47:15
4158.33 00:47:06 115.8
4164.81 19890 00:46:57
4163.06 00:46:48 115.9
4188.11 00:46:39
4188.10 19305 00:46:30 115.8
4187.51 00:46:21
4187.69 00:46:12 115.9
4223.12 18866 00:46:03
4152.52 00:45:54 115.8
4152.51 00:45:45
4155.36 00:45:36 115.8
4153.37 18720 00:45:27
4156.20 00:45:18 115.9
4171.22 00:45:09
4156.34 18135 00:45:00 115.9
4203.13 00:44:51
4203.57 00:44:42 115.9
4202.32 18135 00:44:33
4203.09 00:44:24 115.9
4228.65 00:44:15
4151.94 00:44:06 115.8
4151.94 17550 00:43:57
4151.47 00:43:48 115.8
4154.21 00:43:39
4154.51 17550 00:43:30 115.8
4165.10 00:43:21
4158.67 00:43:12 115.8
4175.73 16965 00:43:03
4178.42 00:42:54 115.9
4177.97 00:42:45
4178.73 00:42:36 115.8
4178.83 16965 00:42:27
4148.32 00:42:18 115.8
4150.44 00:42:09


4153.01 16380 00:42:00 115.8
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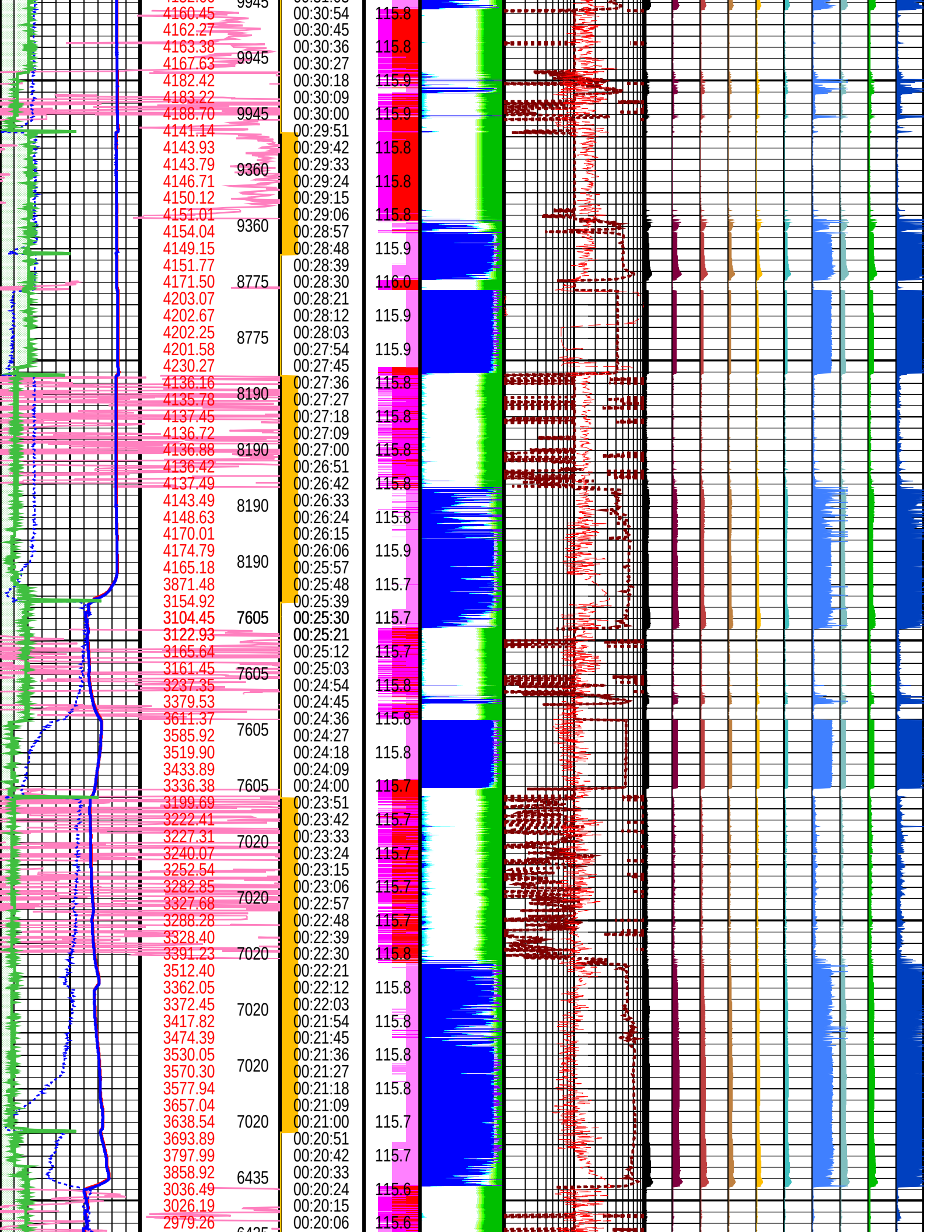
4157.72 00:41:15
4179.73 00:41:06 115.8
4178.55 15795 00:40:57
4179.16 00:40:48 115.8
4180.21 00:40:39
4150.49 15210 00:40:30 115.8
4151.47 00:40:21
4151.22 00:40:12 115.8
4154.32 15210 00:40:03
4154.28 00:39:54 115.8
4156.62 00:39:45
4149.64 00:39:36 115.8
4160.44 14625 00:39:27
4184.98 00:39:18 115.9
4185.04 00:39:09
4184.84 14625 00:39:00 115.9
4182.69 00:38:51
4202.37 00:38:42 115.8
4148.64 14040 00:38:33
4149.58 00:38:24 115.8
4148.76 00:38:15
4151.91 00:38:06 115.8
4151.25 14040 00:37:57
4162.43 00:37:48 115.8
4154.46 00:37:39
4174.23 13455 00:37:30 115.9
4182.33 00:37:21
4181.88 00:37:12 115.8
4181.01 13455 00:37:03
4182.40 00:36:54 115.9
4147.73 00:36:45
4147.40 00:36:36 115.8
4148.41 12870 00:36:27
4149.54 00:36:18 115.8
4151.02 00:36:09
4151.93 12870 00:36:00 115.9
4152.06 00:35:51
4161.94 00:35:42 115.9
4201.78 12285 00:35:33
4202.72 00:35:24 115.9
4204.29 00:35:15
4197.05 00:35:06 115.9
4138.27 12285 00:34:57
4138.20 00:34:48 115.8
4138.54 00:34:39
4140.52 11700 00:34:30 115.8
4140.27 00:34:21
4143.15 00:34:12 115.8
4135.95 11115 00:34:03
4152.21 00:33:54 115.8
4187.64 00:33:45
4187.54 00:33:36 115.9
4187.72 11115 00:33:27
4187.78 00:33:18 115.9
4188.19 00:33:09
4188.36 11115 00:33:00 115.9
4188.27 00:32:51
4187.65 00:32:42 115.8
4194.35 11115 00:32:33
4194.94 00:32:24 115.9
4142.79 00:32:15
4144.23 00:32:06 115.8
4145.68 10530 00:31:57
4144.39 00:31:48 115.8
4148.84 00:31:39
4148.88 10530 00:31:30 115.8
4150.17 00:31:21
4150.68 00:31:12 115.8
4152.66 00:31:03



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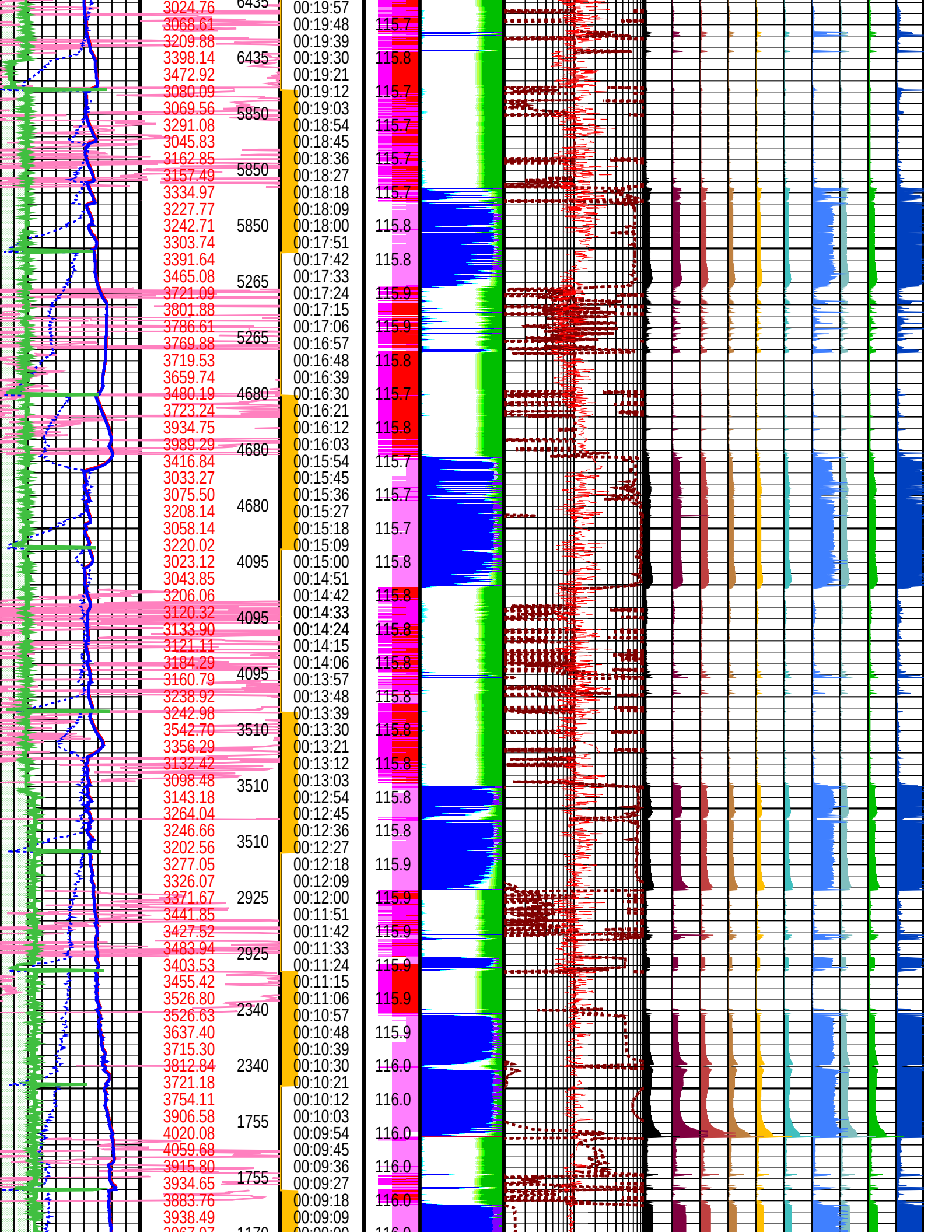
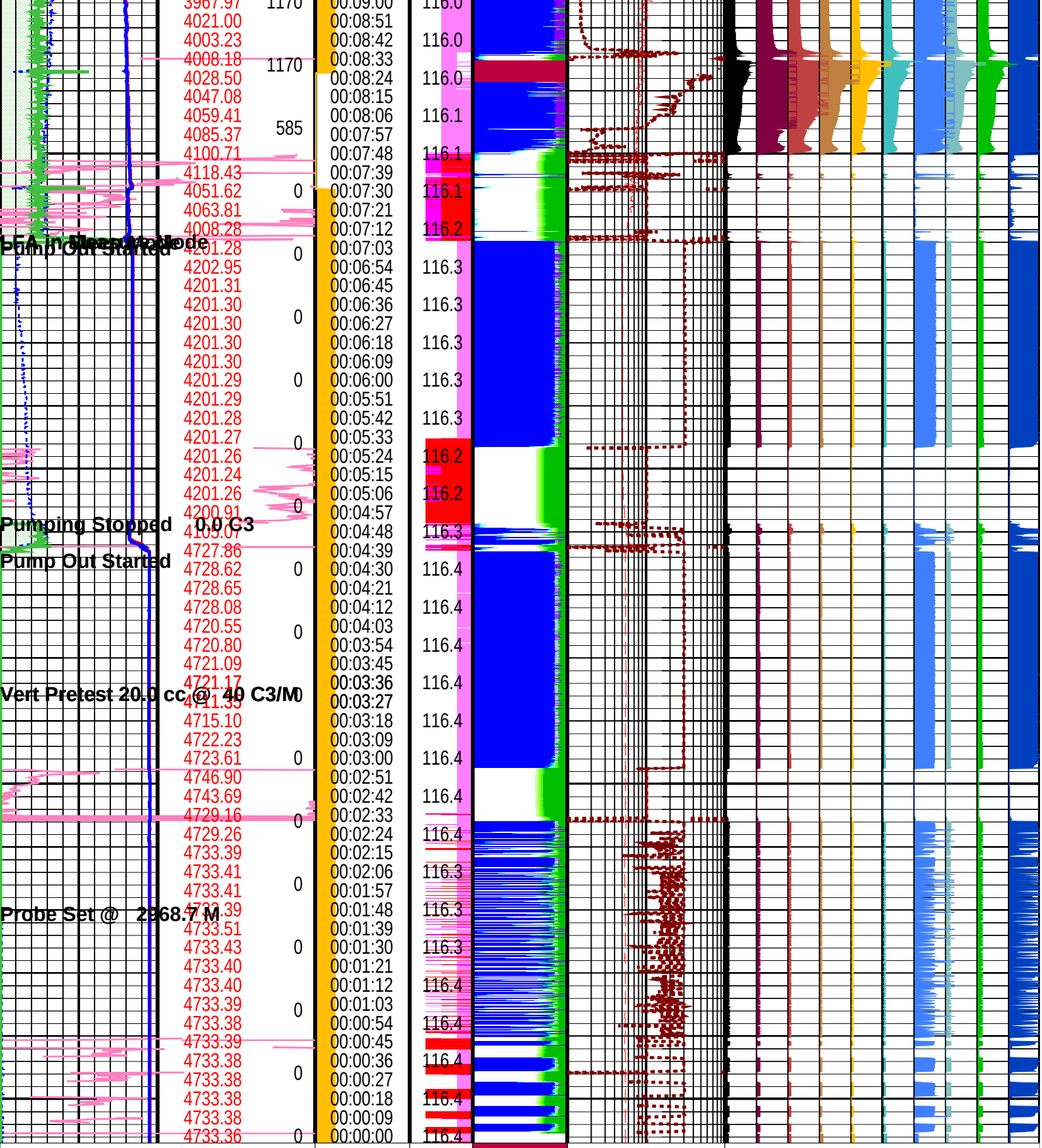
4162.27		00:30:45	
4163.38		00:30:36	115.8
4167.63	9945	00:30:27	
4182.42		00:30:18	115.9
4183.22		00:30:09	
4188.70	9945	00:30:00	115.9
4141.14		00:29:51	
4143.93		00:29:42	115.8
4143.79	9360	00:29:33	
4146.71		00:29:24	115.8
4150.12		00:29:15	
4151.01		00:29:06	115.8
4154.04	9360	00:28:57	
4149.15		00:28:48	115.9
4151.77		00:28:39	
4171.50	8775	00:28:30	116.0
4203.07		00:28:21	
4202.67		00:28:12	115.9
4202.25	8775	00:28:03	
4201.58		00:27:54	115.9
4230.27		00:27:45	
4136.16		00:27:36	115.8
4135.78	8190	00:27:27	
4137.45		00:27:18	115.8
4136.72		00:27:09	
4136.88	8190	00:27:00	115.8
4136.42		00:26:51	
4137.49		00:26:42	115.8
4143.49	8190	00:26:33	
4148.63		00:26:24	115.8
4170.01		00:26:15	
4174.79		00:26:06	115.9
4165.18	8190	00:25:57	
3871.48		00:25:48	115.7
3154.92		00:25:39	
3104.45	7605	00:25:30	115.7
3122.93		00:25:21	
3165.64		00:25:12	115.7
3161.45	7605	00:25:03	
3237.35		00:24:54	115.8
3379.53		00:24:45	
3611.37		00:24:36	115.8
3585.92	7605	00:24:27	
3519.90		00:24:18	115.8
3433.89		00:24:09	
3336.38	7605	00:24:00	115.7
3199.69		00:23:51	
3222.41		00:23:42	115.7
3227.31	7020	00:23:33	
3240.07		00:23:24	115.7
3252.54		00:23:15	
3282.85		00:23:06	115.7
3327.68	7020	00:22:57	
3288.28		00:22:48	115.7
3328.40		00:22:39	
3391.23	7020	00:22:30	115.8
3512.40		00:22:21	
3362.05		00:22:12	115.8
3372.45	7020	00:22:03	
3417.82		00:21:54	115.8
3474.39		00:21:45	
3530.05		00:21:36	115.8
3570.30	7020	00:21:27	
3577.94		00:21:18	115.8
3657.04		00:21:09	
3638.54	7020	00:21:00	115.7
3693.89		00:20:51	
3797.99		00:20:42	115.7
3858.92	6435	00:20:33	
3036.49		00:20:24	115.6
3026.19		00:20:15	
2979.26		00:20:06	115.6


3024.76 6435 00:19:57
3068.61 00:19:48 115.7
3209.88 00:19:39
3398.14 6435 00:19:30 115.8
3472.92 00:19:21
3080.09 00:19:12 115.7
3069.56 5850 00:19:03
3291.08 00:18:54 115.7
3045.83 00:18:45
3162.85 00:18:36 115.7
3157.49 5850 00:18:27
3334.97 00:18:18 115.7
3227.77 00:18:09
3242.71 5850 00:18:00 115.8
3303.74 00:17:51
3391.64 00:17:42 115.8
3465.08 5265 00:17:33
3721.09 00:17:24 115.9
3801.88 00:17:15
3786.61 00:17:06 115.9
3769.88 5265 00:16:57
3719.53 00:16:48 115.8
3659.74 00:16:39
3480.19 4680 00:16:30 115.7
3723.24 00:16:21
3934.75 00:16:12 115.8
3989.29 4680 00:16:03
3416.84 00:15:54 115.7
3033.27 00:15:45
3075.50 4680 00:15:36 115.7
3208.14 00:15:27
3058.14 00:15:18 115.7
3220.02 00:15:09
3023.12 4095 00:15:00 115.8
3043.85 00:14:51
3206.06 00:14:42 115.8
3120.32 4095 00:14:33
3133.90 00:14:24 115.8
3121.11 00:14:15
3184.29 4095 00:14:06 115.8
3160.79 00:13:57
3238.92 00:13:48 115.8
3242.98 00:13:39
3542.70 3510 00:13:30 115.8
3356.29 00:13:21
3132.42 00:13:12 115.8
3098.48 3510 00:13:03
3143.18 00:12:54 115.8
3264.04 00:12:45
3246.66 3510 00:12:36 115.8
3202.56 00:12:27
3277.05 00:12:18 115.9
3326.07 00:12:09
3371.67 2925 00:12:00 115.9
3441.85 00:11:51
3427.52 00:11:42 115.9
3483.94 2925 00:11:33
3403.53 00:11:24 115.9
3455.42 00:11:15
3526.80 2340 00:11:06 115.9
3526.63 00:10:57
3637.40 00:10:48 115.9
3715.30 00:10:39
3812.84 2340 00:10:30 116.0
3721.18 00:10:21
3754.11 00:10:12 116.0
3906.58 1755 00:10:03
4020.08 00:09:54 116.0
4059.68 00:09:45
3915.80 00:09:36 116.0
3934.65 1755 00:09:27
3883.76 00:09:18 116.0
3938.49 00:09:09



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

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)

Medium Gas

Oil

High Gas

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

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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 23:06

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_148LTP	FN:233	PRODUCER	27−Nov−2004 18:02	2968.7 M	13.5 M

Output DLIS Files

DEFAULT	MDT_OFA_051PTP	FN:50	PRODUCER	27−Nov−2004 23:06

Input DLIS Files

DEFAULT	MDT_OFA_148LTP	FN:233	PRODUCER	27−Nov−2004 18:02	2968.7 M	13.5 M

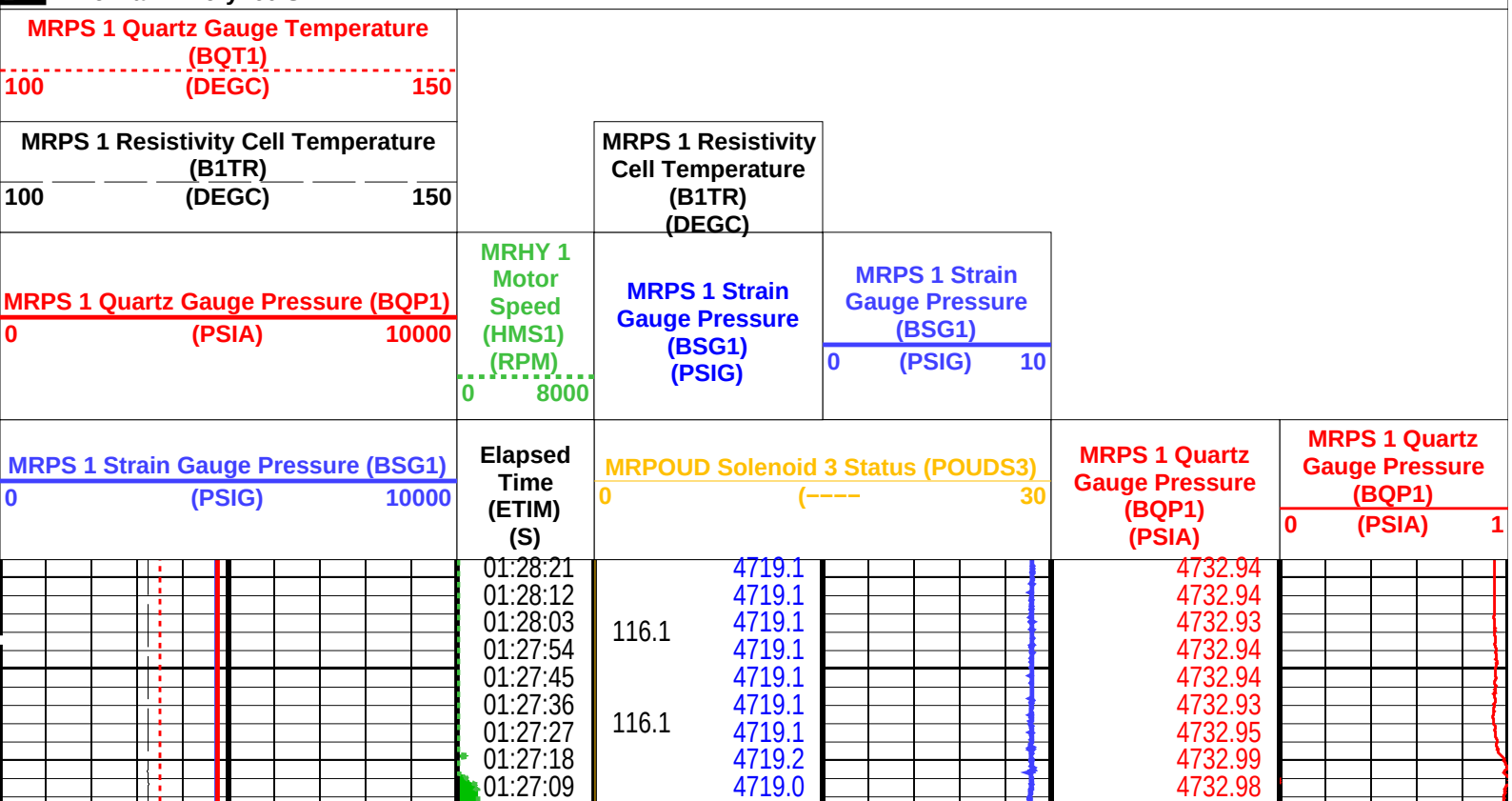
Output DLIS Files

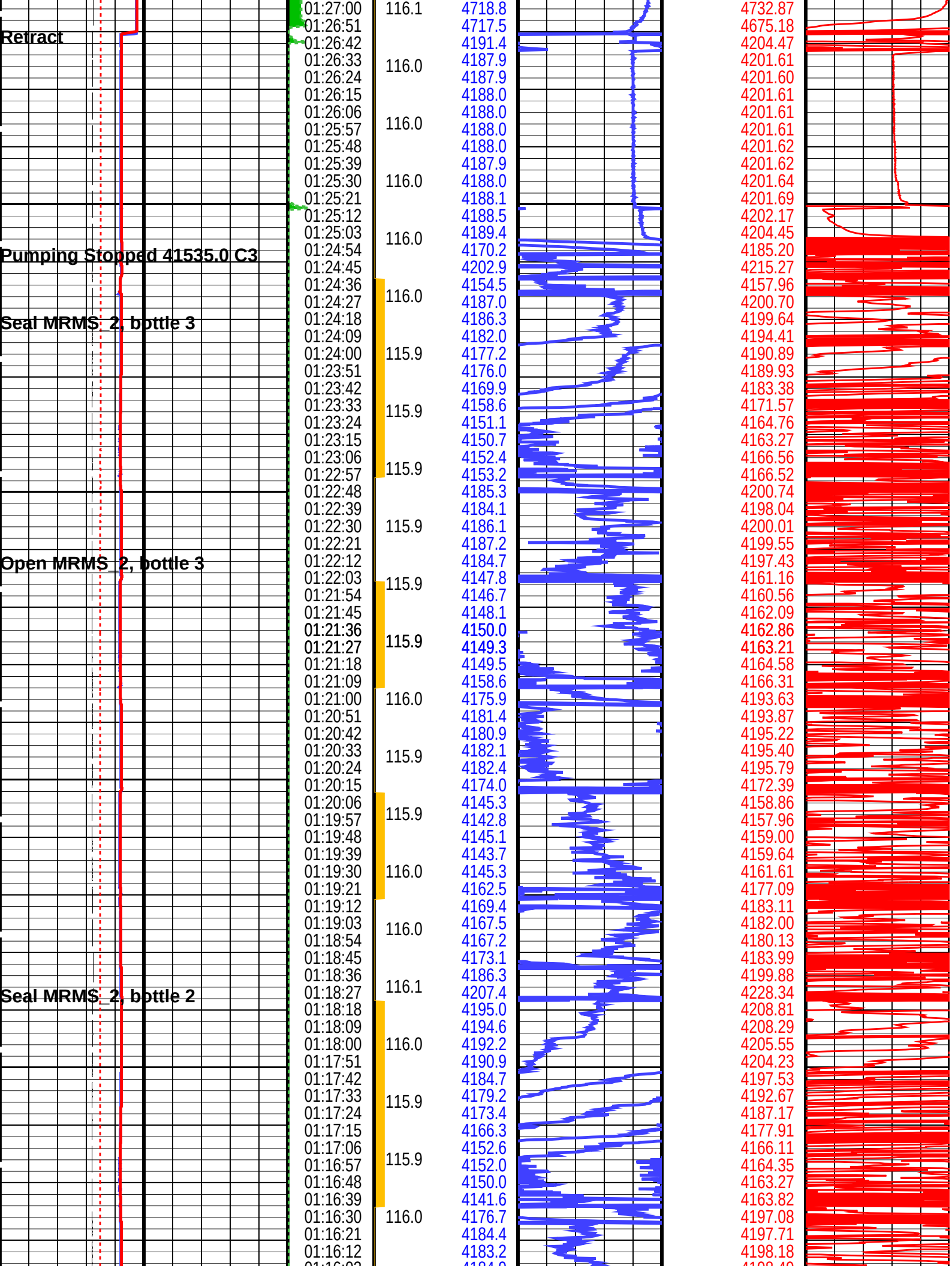
DEFAULT	MDT_OFA_051PTP	FN:50	PRODUCER	27−Nov−2004 23:06	2968.7 M	13.5 M

Elapsed Time (s)	Event Summary
5208.6	Retract Single Probe Module (MRPS) 1
5094.9	Pumping Stopped 41535.0 C3 Dual Up−down Pumpout Module (MRPOUD)
5059.5	Seal Multi−Sample Module (MRMS) 2, bottle 3
4934.1	Open Multi−Sample Module (MRMS) 2, bottle 3, sample number = 4
4708.5	Seal Multi−Sample Module (MRMS) 2, bottle 2
4545.3	Open Multi−Sample Module (MRMS) 2, bottle 2, sample number = 3
4065.3	Seal Multi−Sample Module (MRMS) 2, bottle 4
3750.6	Open Multi−Sample Module (MRMS) 2, bottle 4, sample number = 2
426.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
294.9	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
277.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
173.1	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
109.5	Probe Set @ 2968.7 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S




Retract
Pumping Stopped 41535.0 C3
Seal MRMS_2, bottle 3
Open MRMS_2, bottle 3
Seal MRMS_2, bottle 2

Open MRMS_2, bottle 2

Seal MRMS_2, bottle 4

01:16:03	115.9	4184.9	4198.49
01:15:54		4183.0	4196.37
01:15:45		4214.3	4209.52
01:15:36	115.9	4146.8	4159.74
01:15:27		4148.3	4161.15
01:15:18		4146.8	4161.76
01:15:09	115.9	4148.4	4161.05
01:15:00		4150.5	4162.69
01:14:51		4169.8	4181.71
01:14:42	115.9	4160.3	4180.93
01:14:33		4176.4	4190.29
01:14:24		4175.7	4189.85
01:14:15	115.9	4176.1	4190.07
01:14:06		4177.6	4189.67
01:13:57		4174.6	4188.61
01:13:48	115.9	4144.3	4157.60
01:13:39		4145.4	4159.27
01:13:30		4145.1	4158.49
01:13:21	115.9	4145.6	4159.70
01:13:12		4144.5	4161.02
01:13:03		4147.4	4163.96
01:12:54	115.9	4147.6	4160.75
01:12:45		4190.0	4203.75
01:12:36	115.9	4190.0	4204.24
01:12:27		4189.1	4203.58
01:12:18		4188.7	4202.36
01:12:09	115.9	4189.1	4203.91
01:12:00		4146.8	4160.32
01:11:51		4146.9	4159.91
01:11:42	115.9	4146.8	4160.57
01:11:33		4146.0	4159.15
01:11:24		4146.6	4161.06
01:11:15	115.9	4151.9	4165.23
01:11:06		4154.9	4168.58
01:10:57		4171.5	4185.24
01:10:48	115.9	4172.2	4185.92
01:10:39		4170.8	4184.83
01:10:30		4170.2	4183.51
01:10:21	115.9	4171.1	4186.53
01:10:12		4145.0	4158.92
01:10:03		4145.3	4158.05
01:09:54	115.9	4145.0	4158.49
01:09:45		4148.0	4159.42
01:09:36		4147.3	4160.57
01:09:27	115.9	4149.7	4161.44
01:09:18		4149.6	4163.73
01:09:09	115.9	4168.8	4182.56
01:09:00		4170.0	4182.88
01:08:51		4170.2	4184.53
01:08:42	115.9	4169.7	4183.81
01:08:33		4171.3	4185.55
01:08:24		4191.2	4164.66
01:08:15	115.9	4148.6	4161.29
01:08:06		4146.1	4161.91
01:07:57		4187.1	4200.88
01:07:48	115.9	4187.5	4201.21
01:07:39		4187.0	4200.77
01:07:30		4186.9	4201.16
01:07:21	115.9	4186.8	4200.07
01:07:12		4185.7	4199.17
01:07:03		4185.1	4198.54
01:06:54	115.9	4178.1	4191.26
01:06:45		4176.4	4190.30
01:06:36		4175.8	4189.71
01:06:27	115.9	4176.0	4189.36
01:06:18		4175.4	4188.84
01:06:09	115.9	4168.3	4182.08
01:06:00		4150.2	4164.97
01:05:51	115.9	4174.8	4188.32
01:05:42		4165.5	4179.38
01:05:33		4195.7	4209.02
01:05:24	115.9	4194.6	4208.40
01:05:15		4192.5	4206.38
01:05:06		4192.6	4205.86

Open MRMS_2, bottle 4

01:04:57	115.9	4185.8	4198.70
01:04:48		4178.0	4189.56
01:04:39		4171.7	4184.34
01:04:30	115.9	4169.4	4183.09
01:04:21		4148.7	4162.70
01:04:12		4143.9	4158.34
01:04:03	115.8	4145.4	4158.76
01:03:54		4144.3	4157.76
01:03:45		4144.8	4160.24
01:03:36		4146.7	4158.02
01:03:27	115.9	4145.2	4158.82
01:03:18		4191.7	4205.16
01:03:09		4191.1	4204.39
01:03:00	115.8	4189.3	4204.10
01:02:51		4190.0	4204.35
01:02:42		4189.0	4201.46
01:02:33	115.8	4145.9	4159.83
01:02:24		4147.8	4159.80
01:02:15		4144.5	4159.94
01:02:06		4147.3	4160.53
01:01:57	115.8	4145.1	4161.12
01:01:48		4147.7	4161.66
01:01:39		4138.2	4158.35
01:01:30	115.9	4164.9	4185.33
01:01:21		4172.4	4185.46
01:01:12		4172.0	4185.19
01:01:03	115.9	4173.1	4186.08
01:00:54		4171.1	4186.36
01:00:45		4206.2	4204.31
01:00:36		4145.5	4158.78
01:00:27	115.8	4143.4	4157.57
01:00:18		4145.6	4159.85
01:00:09		4145.9	4159.84
01:00:00	115.8	4148.1	4162.03
00:59:51		4169.1	4180.32
00:59:42		4157.7	4175.56
00:59:33	115.8	4169.2	4182.79
00:59:24		4166.4	4180.45
00:59:15		4167.3	4181.11
00:59:06		4165.9	4179.78
00:58:57	115.9	4197.7	4216.73
00:58:48		4145.8	4158.94
00:58:39		4146.3	4160.02
00:58:30	115.8	4146.7	4160.34
00:58:21		4146.3	4160.58
00:58:12		4147.5	4160.53
00:58:03	115.8	4152.1	4165.04
00:57:54		4146.1	4162.18
00:57:45		4160.1	4175.10
00:57:36		4160.4	4174.52
00:57:27	115.8	4162.2	4175.77
00:57:18		4161.8	4176.24
00:57:09		4164.1	4176.62
00:57:00	115.8	4146.4	4160.27
00:56:51		4146.5	4160.14
00:56:42		4148.1	4160.11
00:56:33	115.8	4146.8	4160.43
00:56:24		4147.9	4160.63
00:56:15		4147.0	4163.01
00:56:06		4150.9	4164.60
00:55:57	115.9	4184.7	4198.23
00:55:48		4185.6	4199.55
00:55:39		4185.7	4200.22
00:55:30	115.8	4184.7	4199.88
00:55:21		4183.0	4196.99
00:55:12		4142.7	4156.21
00:55:03	115.8	4142.7	4156.77
00:54:54		4143.7	4157.15
00:54:45		4142.6	4158.37
00:54:36		4144.8	4156.96
00:54:27	115.8	4147.9	4158.78
00:54:18		4143.2	4158.69
00:54:09		4162.5	4176.05

00:54:00	115.8	4161.5	4176.05
00:53:51		4161.6	4176.42
00:53:42		4163.4	4177.67
00:53:33	115.8	4163.4	4177.20
00:53:24		4184.6	4163.26
00:53:15		4142.6	4156.40
00:53:06		4143.8	4157.42
00:52:57	115.8	4143.3	4157.37
00:52:48		4145.2	4158.30
00:52:39		4146.7	4159.48
00:52:30	115.8	4167.4	4166.45
00:52:21		4152.6	4169.12
00:52:12		4161.8	4175.89
00:52:03	115.8	4161.8	4175.17
00:51:54		4162.1	4176.14
00:51:45		4163.5	4175.70
00:51:36		4167.6	4201.25
00:51:27	115.8	4143.1	4157.44
00:51:18		4143.9	4157.37
00:51:09		4143.8	4157.89
00:51:00	115.8	4144.3	4158.41
00:50:51		4145.6	4158.83
00:50:42		4146.9	4163.13
00:50:33	115.8	4147.5	4158.56
00:50:24		4162.8	4175.29
00:50:15		4162.2	4175.36
00:50:06	115.8	4162.3	4175.54
00:49:57		4164.1	4177.16
00:49:48		4163.3	4176.54
00:49:39		4142.8	4155.76
00:49:30	115.8	4143.2	4157.30
00:49:21		4142.6	4156.37
00:49:12		4143.0	4158.06
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00:48:27		4165.6	4179.80
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00:47:51		4141.7	4155.98
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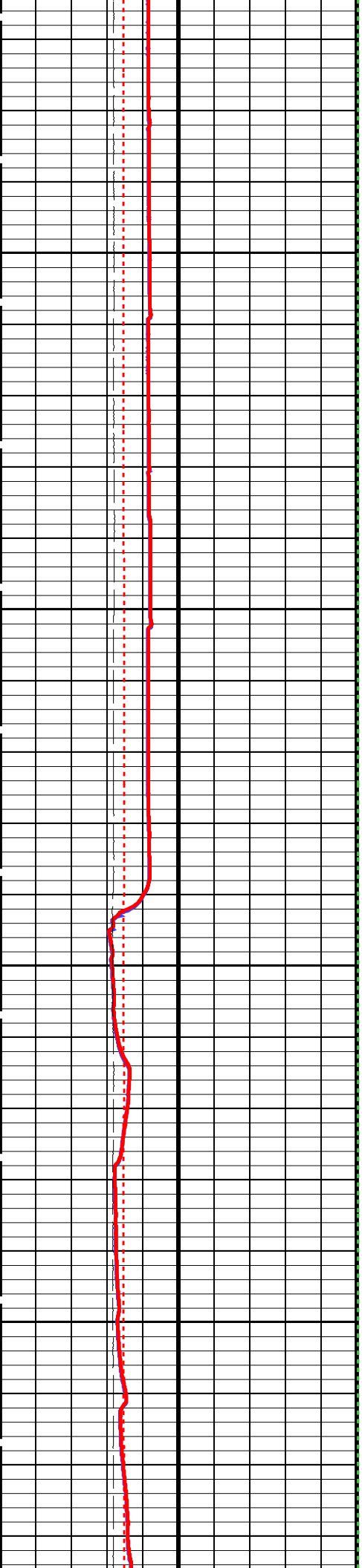
00:47:33	115.8	4144.1	4156.58
00:47:24		4141.7	4156.60
00:47:15		4144.5	4157.34
00:47:06		4144.8	4158.33
00:46:57	115.8	4148.9	4164.81
00:46:48		4149.7	4163.06
00:46:39		4175.0	4188.11
00:46:30	115.8	4175.0	4188.10
00:46:21		4172.8	4187.51
00:46:12		4173.4	4187.69
00:46:03	115.8	4194.1	4223.12
00:45:54		4138.6	4152.52
00:45:45		4138.9	4152.51
00:45:36		4140.7	4155.36
00:45:27	115.8	4139.3	4153.37
00:45:18		4141.7	4156.20
00:45:09		4144.3	4171.22
00:45:00	115.9	4142.3	4156.34
00:44:51		4189.7	4203.13
00:44:42		4189.9	4203.57
00:44:33	115.9	4188.7	4202.32
00:44:24		4190.6	4203.09
00:44:15		4199.1	4228.65
00:44:06		4137.9	4151.94
00:43:57	115.8	4139.3	4151.94
00:43:48		4138.8	4151.47
00:43:39		4141.0	4154.21
00:43:30	115.8	4141.0	4154.51
00:43:21		4144.2	4165.10
00:43:12		4144.2	4158.67

00:43:03		4163.1	4175.73
00:42:54	115.8	4166.0	4178.42
00:42:45		4164.0	4177.97
00:42:36		4164.8	4178.73
00:42:27	115.9	4165.2	4178.83
00:42:18		4133.1	4148.32
00:42:09		4136.0	4150.44
00:42:00	115.8	4138.9	4153.01
00:41:51		4139.6	4153.11
00:41:42		4140.5	4153.59
00:41:33	115.9	4143.7	4158.43
00:41:24		4139.4	4154.54
00:41:15		4141.1	4157.72
00:41:06		4166.7	4179.73
00:40:57	115.9	4163.8	4178.55
00:40:48		4165.2	4179.16
00:40:39		4166.6	4180.21
00:40:30	115.8	4137.9	4150.49
00:40:21		4137.4	4151.47
00:40:12		4138.6	4151.22
00:40:03	115.8	4140.1	4154.32
00:39:54		4140.4	4154.28
00:39:45		4142.7	4156.62
00:39:36		4158.4	4149.64
00:39:27	115.8	4147.3	4160.44
00:39:18		4171.6	4184.98
00:39:09		4172.0	4185.04
00:39:00	115.9	4171.7	4184.84
00:38:51		4169.7	4182.69
00:38:42		4175.5	4202.37
00:38:33	115.8	4132.5	4148.64
00:38:24		4134.7	4149.58
00:38:15		4137.2	4148.76
00:38:06		4137.1	4151.91
00:37:57	115.8	4137.6	4151.25
00:37:48		4144.3	4162.43
00:37:39		4140.5	4154.46
00:37:30	115.9	4150.0	4174.23
00:37:21		4169.4	4182.33
00:37:12		4168.9	4181.88
00:37:03	115.9	4166.2	4181.01
00:36:54		4168.0	4182.40
00:36:45		4135.0	4147.73
00:36:36		4133.7	4147.40
00:36:27	115.8	4134.0	4148.41
00:36:18		4135.3	4149.54
00:36:09		4135.8	4151.02
00:36:00	115.9	4137.0	4151.93
00:35:51		4139.2	4152.06
00:35:42		4145.0	4161.94
00:35:33	115.9	4189.4	4201.78
00:35:24		4189.6	4202.72
00:35:15		4190.9	4204.29
00:35:06		4181.0	4197.05
00:34:57	115.8	4124.0	4138.27
00:34:48		4124.1	4138.20
00:34:39		4123.7	4138.54
00:34:30	115.8	4127.7	4140.52
00:34:21		4126.1	4140.27
00:34:12		4131.3	4143.15
00:34:03	115.9	4123.6	4135.95
00:33:54		4135.9	4152.21
00:33:45		4173.4	4187.64
00:33:36		4173.8	4187.54
00:33:27	115.8	4174.0	4187.72
00:33:18		4174.0	4187.78
00:33:09		4174.4	4188.19
00:33:00	115.9	4174.7	4188.36
00:32:51		4174.5	4188.27
00:32:42		4173.9	4187.65
00:32:33	115.9	4179.9	4194.35
00:32:24		4181.2	4194.94
00:32:15		4128.7	4142.79
00:32:06		4130.4	4144.23



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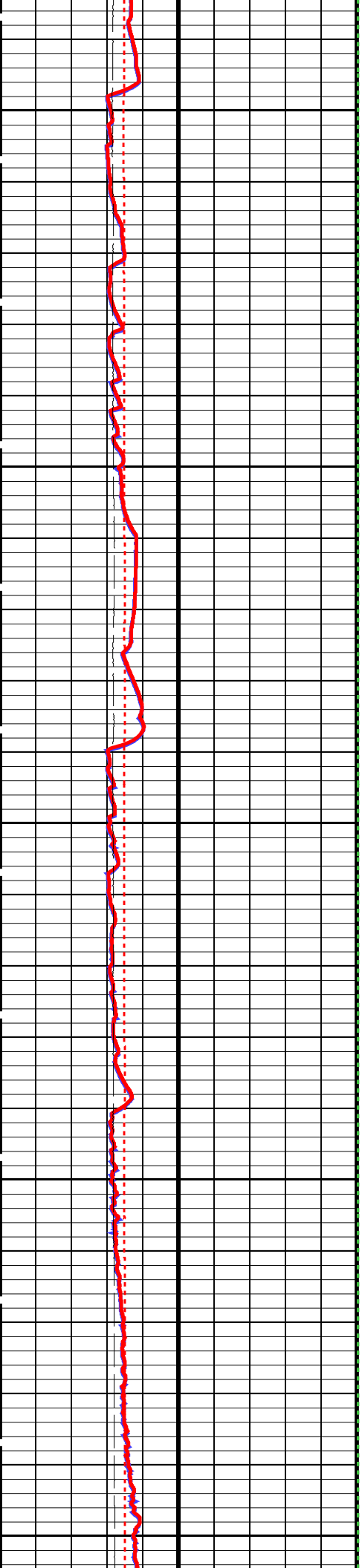
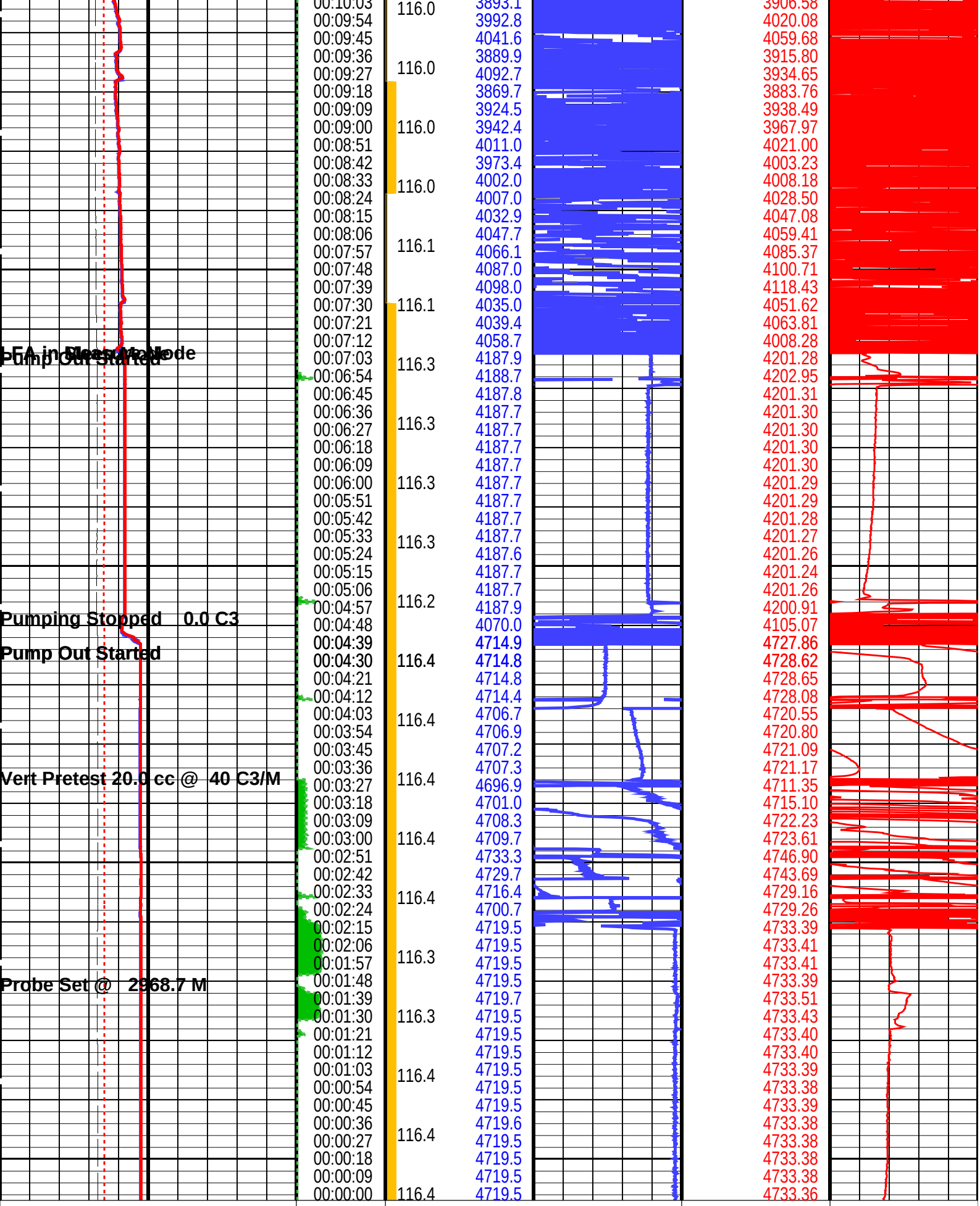
00:31:48		4131.8	4144.39
00:31:39		4134.0	4148.84
00:31:30	115.8	4134.5	4148.88
00:31:21		4136.9	4150.17
00:31:12		4136.9	4150.68
00:31:03	115.8	4138.3	4152.66
00:30:54		4146.5	4160.45
00:30:45		4147.0	4162.27
00:30:36		4150.0	4163.38
00:30:27	115.9	4152.7	4167.63
00:30:18		4170.1	4182.42
00:30:09		4169.4	4183.22
00:30:00	115.9	4174.0	4188.70
00:29:51		4128.5	4141.14
00:29:42		4131.8	4143.93
00:29:33	115.8	4129.5	4143.79
00:29:24		4132.8	4146.71
00:29:15		4135.3	4150.12
00:29:06		4137.0	4151.01
00:28:57	115.9	4139.4	4154.04
00:28:48		4137.4	4149.15
00:28:39		4137.3	4151.77
00:28:30	116.0	4147.9	4171.50
00:28:21		4189.4	4203.07
00:28:12		4188.9	4202.67
00:28:03	115.9	4188.7	4202.25
00:27:54		4188.0	4201.58
00:27:45		4204.9	4230.27
00:27:36		4122.3	4136.16
00:27:27	115.8	4122.5	4135.78
00:27:18		4123.6	4137.45
00:27:09		4124.0	4136.72
00:27:00	115.8	4124.0	4136.88
00:26:51		4121.9	4136.42
00:26:42		4123.5	4137.49
00:26:33	115.8	4129.1	4143.49
00:26:24		4133.8	4148.63
00:26:15		4156.6	4170.01
00:26:06		4158.2	4174.79
00:25:57	115.8	4158.2	4165.18
00:25:48		3893.2	3871.48
00:25:39		3133.4	3154.92
00:25:30	115.7	3081.3	3104.45
00:25:21		3108.7	3122.93
00:25:12		3148.3	3165.64
00:25:03	115.7	3147.2	3161.45
00:24:54		3216.4	3237.35
00:24:45		3351.8	3379.53
00:24:36		3598.0	3611.37
00:24:27	115.8	3570.8	3585.92
00:24:18		3514.2	3519.90
00:24:09		3430.2	3433.89
00:24:00	115.7	3338.8	3336.38
00:23:51		3182.8	3199.69
00:23:42		3208.4	3222.41
00:23:33	115.7	3213.4	3227.31
00:23:24		3225.3	3240.07
00:23:15		3239.7	3252.54
00:23:06		3268.1	3282.85
00:22:57	115.7	3313.2	3327.68
00:22:48		3272.8	3288.28
00:22:39		3310.6	3328.40
00:22:30	115.8	3370.3	3391.23
00:22:21		3491.5	3512.40
00:22:12		3346.1	3362.05
00:22:03	115.8	3357.8	3372.45
00:21:54		3398.2	3417.82
00:21:45		3457.1	3474.39
00:21:36		3514.1	3530.05
00:21:27	115.8	3555.3	3570.30
00:21:18		3558.9	3577.94
00:21:09		3641.6	3657.04



00:21:00	115.7	3637.8	3638.54
00:20:51		3671.6	3693.89
00:20:42		3785.5	3797.99
00:20:33	115.7	3872.3	3858.92
00:20:24		3011.9	3036.49
00:20:15		3080.7	3026.19
00:20:06	115.7	2961.6	2979.26
00:19:57		3007.9	3024.76
00:19:48		3053.5	3068.61
00:19:39		3193.8	3209.88
00:19:30	115.8	3383.5	3398.14
00:19:21		3447.1	3472.92
00:19:12		3061.8	3080.09
00:19:03	115.7	3043.3	3069.56
00:18:54		3256.3	3291.08
00:18:45		3031.5	3045.83
00:18:36	115.7	3132.6	3162.85
00:18:27		3300.6	3157.49
00:18:18		3309.4	3334.97
00:18:09		3190.9	3227.77
00:18:00	115.8	3206.8	3242.71
00:17:51		3374.3	3303.74
00:17:42		3379.8	3391.64
00:17:33	115.9	3439.8	3465.08
00:17:24		3682.3	3721.09
00:17:15		3789.3	3801.88
00:17:06	115.9	3774.1	3786.61
00:16:57		3756.0	3769.88
00:16:48		3713.8	3719.53
00:16:39		3643.2	3659.74
00:16:30	115.7	3449.5	3480.19
00:16:21		3691.2	3723.24
00:16:12		3903.0	3934.75
00:16:03	115.8	3953.8	3989.29
00:15:54		3543.5	3416.84
00:15:45		3052.9	3033.27
00:15:36		3194.0	3075.50
00:15:27	115.7	3187.7	3208.14
00:15:18		3025.6	3058.14
00:15:09		3188.6	3220.02
00:15:00	115.8	3083.7	3023.12
00:14:51		3013.7	3043.85
00:14:42		3186.5	3206.06
00:14:33	115.8	3105.4	3120.32
00:14:24		3123.8	3133.90
00:14:15		3096.5	3121.11
00:14:06	115.8	3153.7	3184.29
00:13:57		3170.0	3160.79
00:13:48		3216.9	3238.92
00:13:39		3214.4	3242.98
00:13:30	115.8	3495.8	3542.70
00:13:21		3410.9	3356.29
00:13:12		3112.5	3132.42
00:13:03	115.8	3072.6	3098.48
00:12:54		3122.2	3143.18
00:12:45		3227.5	3264.04
00:12:36	115.8	3191.0	3246.66
00:12:27		3205.3	3202.56
00:12:18		3248.8	3277.05
00:12:09		3346.7	3326.07
00:12:00	115.9	3349.9	3371.67
00:11:51		3428.2	3441.85
00:11:42		3411.0	3427.52
00:11:33	115.9	3463.0	3483.94
00:11:24		3432.0	3403.53
00:11:15		3423.8	3455.42
00:11:06	115.9	3521.6	3526.80
00:10:57		3490.8	3526.63
00:10:48		3605.0	3637.40
00:10:39		3732.3	3715.30
00:10:30	116.0	3732.3	3812.84
00:10:21		3712.9	3721.18
00:10:12		3725.5	3754.11



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)
00:10:03	116.0	3893.1	3906.58	
00:09:54		3992.8	4020.08	
00:09:45		4041.6	4059.68	
00:09:36		3889.9	3915.80	
00:09:27	116.0	4092.7	3934.65	
00:09:18		3869.7	3883.76	
00:09:09		3924.5	3938.49	
00:09:00	116.0	3942.4	3967.97	
00:08:51		4011.0	4021.00	
00:08:42		3973.4	4003.23	
00:08:33	116.0	4002.0	4008.18	
00:08:24		4007.0	4028.50	
00:08:15		4032.9	4047.08	
00:08:06		4047.7	4059.41	
00:07:57	116.1	4066.1	4085.37	
00:07:48		4087.0	4100.71	
00:07:39		4098.0	4118.43	
00:07:30	116.1	4035.0	4051.62	
00:07:21		4039.4	4063.81	
00:07:12		4058.7	4008.28	
00:07:03	116.3	4187.9	4201.28	
00:06:54		4188.7	4202.95	
00:06:45		4187.8	4201.31	
00:06:36		4187.7	4201.30	
00:06:27	116.3	4187.7	4201.30	
00:06:18		4187.7	4201.30	
00:06:09		4187.7	4201.30	
00:06:00	116.3	4187.7	4201.29	
00:05:51		4187.7	4201.29	
00:05:42		4187.7	4201.28	
00:05:33	116.3	4187.7	4201.27	
00:05:24		4187.6	4201.26	
00:05:15		4187.7	4201.24	
00:05:06		4187.7	4201.26	
00:04:57	116.2	4187.9	4200.91	
00:04:48		4070.0	4105.07	
00:04:39		4714.9	4727.86	
00:04:30	116.4	4714.8	4728.62	
00:04:21		4714.8	4728.65	
00:04:12		4714.4	4728.08	
00:04:03	116.4	4706.7	4720.55	
00:03:54		4706.9	4720.80	
00:03:45		4707.2	4721.09	
00:03:36		4707.3	4721.17	
00:03:27	116.4	4696.9	4711.35	
00:03:18		4701.0	4715.10	
00:03:09		4708.3	4722.23	
00:03:00	116.4	4709.7	4723.61	
00:02:51		4733.3	4746.90	
00:02:42		4729.7	4743.69	
00:02:33	116.4	4716.4	4729.16	
00:02:24		4700.7	4729.26	
00:02:15		4719.5	4733.39	
00:02:06		4719.5	4733.41	
00:01:57	116.3	4719.5	4733.41	
00:01:48		4719.5	4733.39	
00:01:39		4719.7	4733.51	
00:01:30	116.3	4719.5	4733.43	
00:01:21		4719.5	4733.40	
00:01:12		4719.5	4733.40	
00:01:03	116.4	4719.5	4733.39	
00:00:54		4719.5	4733.38	
00:00:45		4719.5	4733.39	
00:00:36		4719.6	4733.38	
00:00:27	116.4	4719.5	4733.38	
00:00:18		4719.5	4733.38	
00:00:09		4719.5	4733.38	
00:00:00	116.4	4719.5	4733.36	

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)	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
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 23:06

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_148LTP	FN:233	PRODUCER	27−Nov−2004 18:02	2968.7 M	13.5 M

Output DLIS Files

DEFAULT	MDT_OFA_051PTP	FN:50	PRODUCER	27−Nov−2004 23:06

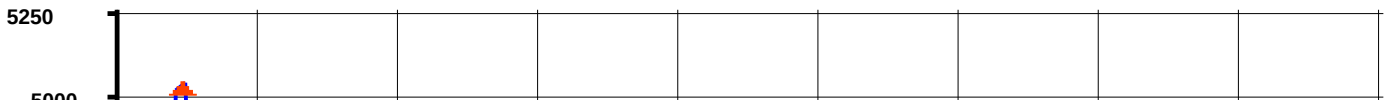
Schlumberger

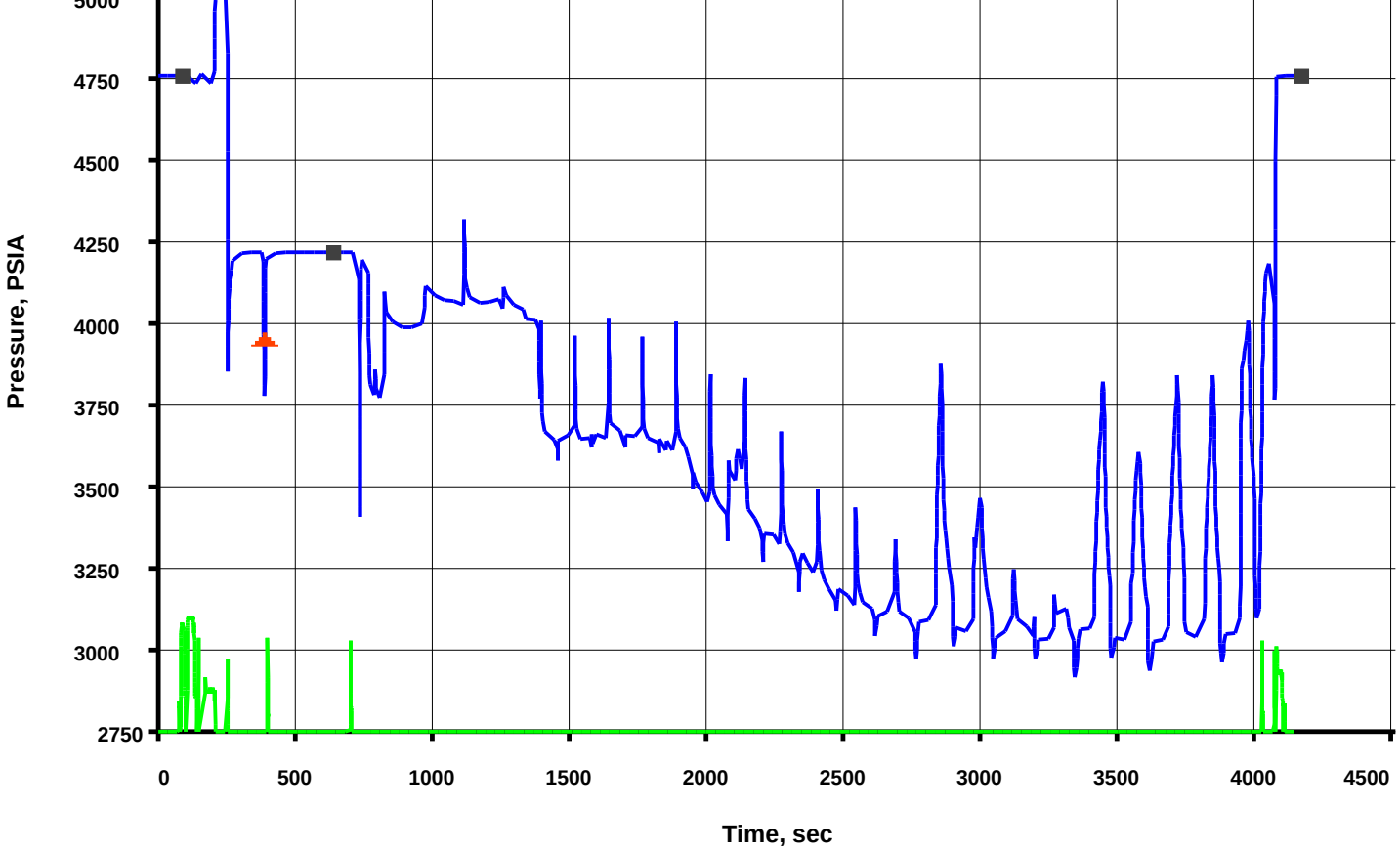
Pumpout @ 2977.8 mMD

MAXIS Field Log

File 147 Depth, M: 2977.83 Volumetric Limited draw−down − Large−Diameter probe

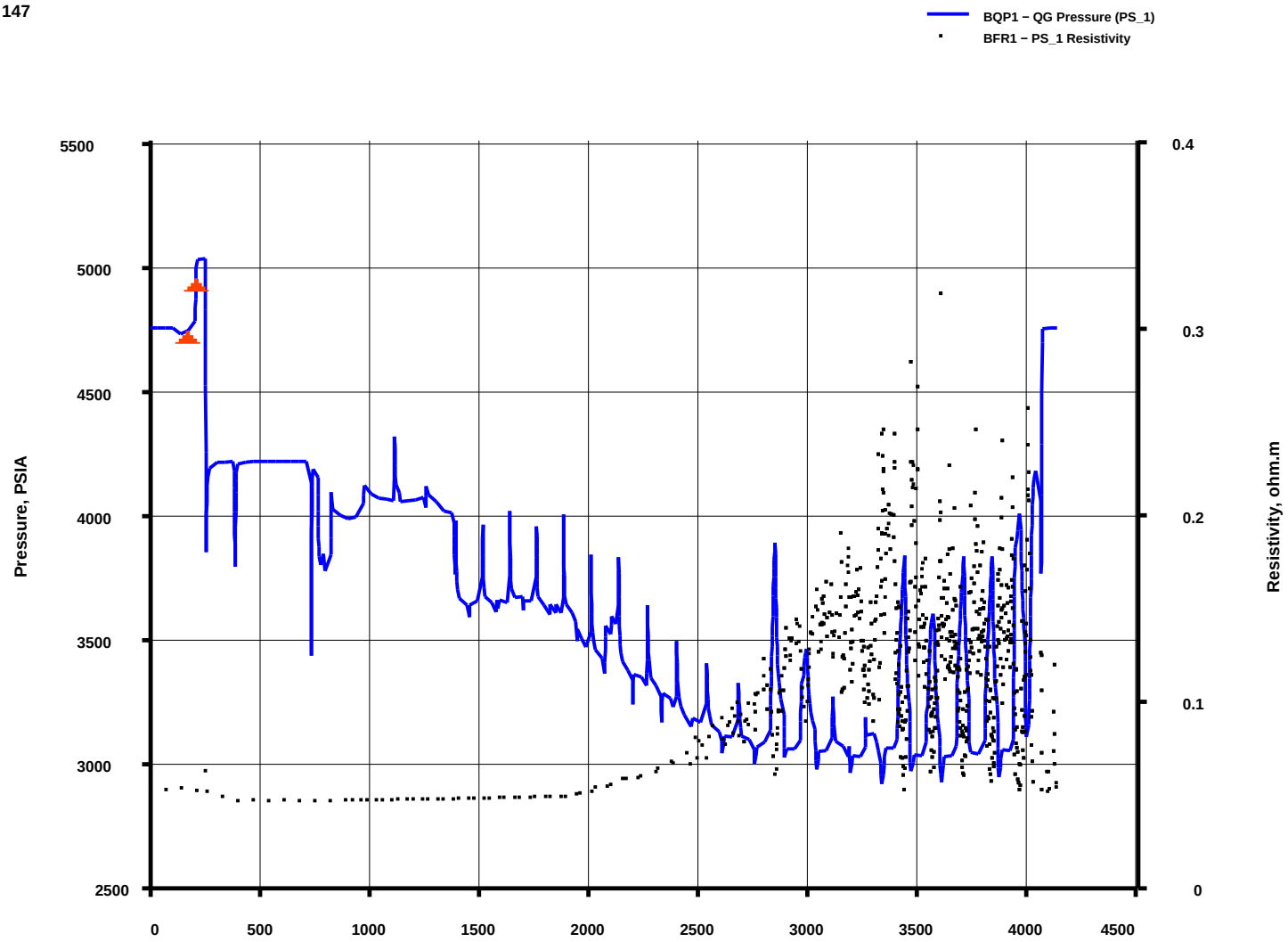
Mud Pressure before test, PSIA:	4748.08
Mud Pressure after test, PSIA:	4747.94
Last build−up pressure, PSIA:	4212.2
Draw−down mobility, md/cp:	9.8





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

File 147



Start of Test Time: 168.3 sec

Start of Build−up Time: 207.9 sec

Reference pressure st start of build−up (BSG1) 4738.5 PSIG.

Input DLIS Files

DEFAULT	MDT_OFA_147LTP	FN:232	PRODUCER	27−Nov−2004 18:02	2977.8 M	10.6 M

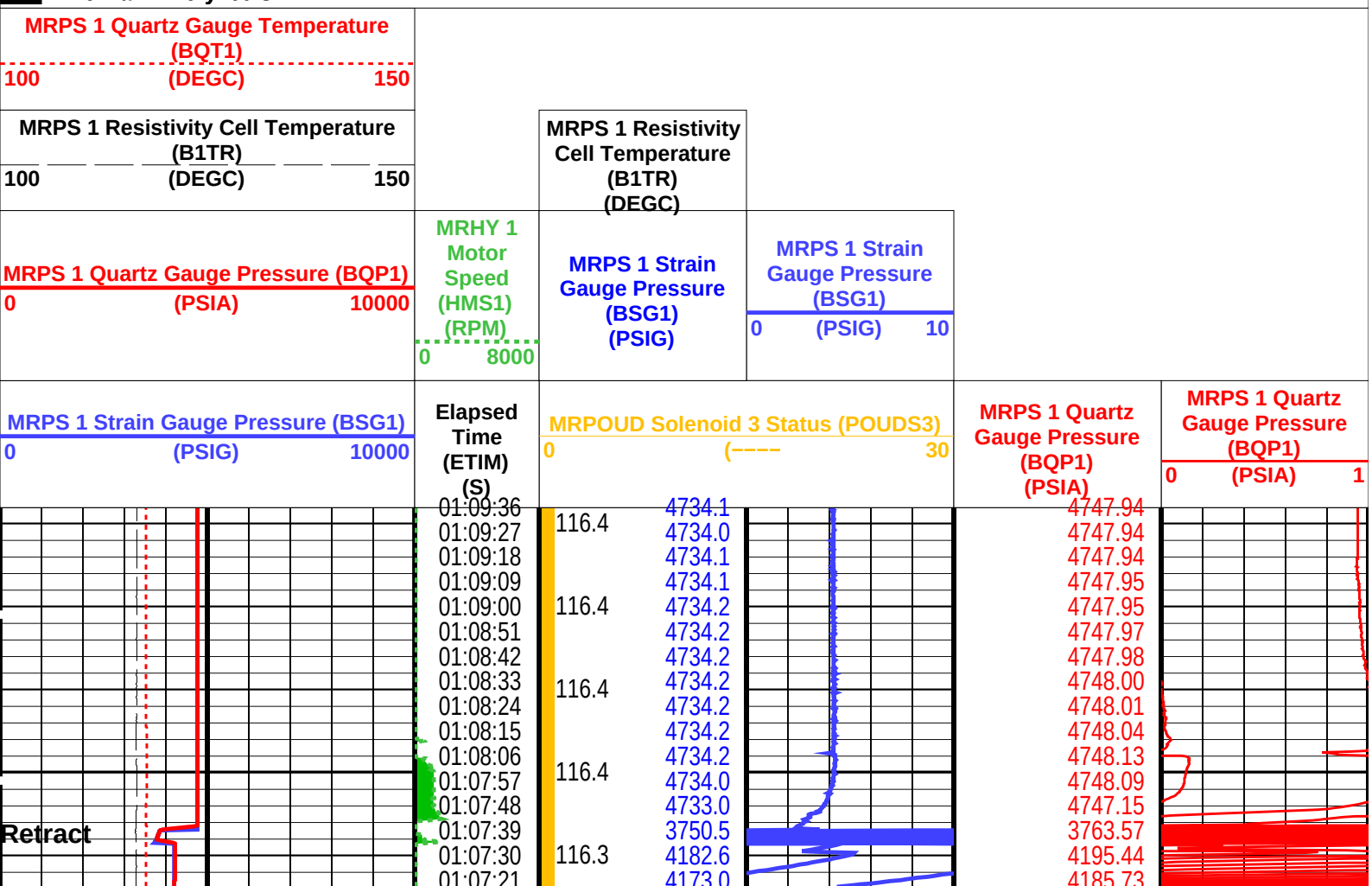
Output DLIS Files

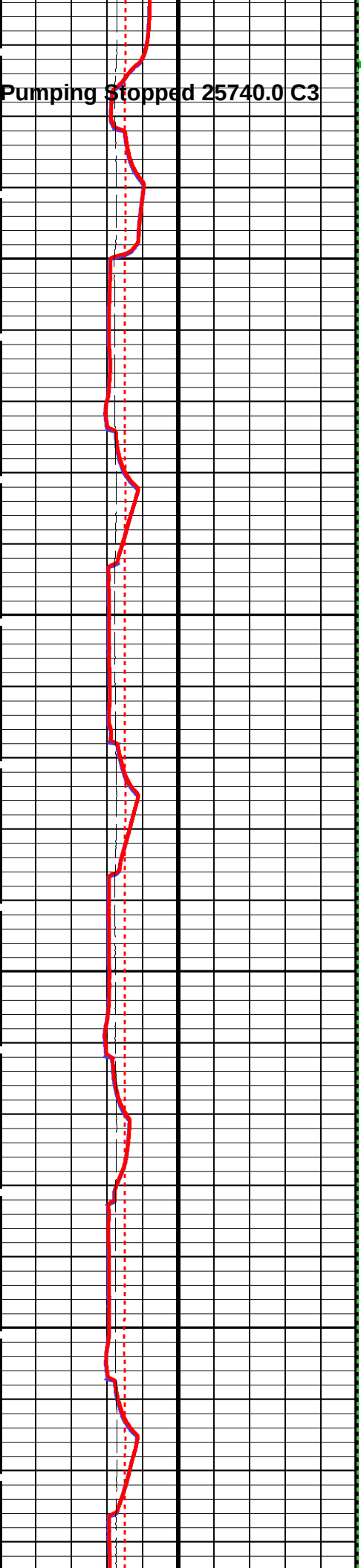
DEFAULT	MDT_OFA_050PTP	FN:49	PRODUCER	27−Nov−2004 22:55	2977.8 M	10.6 M

Elapsed Time (s)	Event Summary
4061.4	Retract Single Probe Module (MRPS) 1
4003.5	Pumping Stopped 25740.0 C3 Dual Up−down Pumpout Module (MRPOUD)
759.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
751.8	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
729.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
388.2	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
377.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
242.1	Pumping Stopped 585.0 C3 Dual Up−down Pumpout Module (MRPOUD)
225.9	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
168.3	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
102.3	Probe Set @ 2977.8 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





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01:07:03	116.3	4087.2	4092.35
01:06:54		3769.6	3742.23
01:06:45		3250.8	3206.74
01:06:36		3084.7	3094.29
01:06:27	116.1	3432.0	3484.41
01:06:18		3563.2	3586.14
01:06:09		3780.8	3824.74
01:06:00	116.3	3976.7	3985.67
01:05:51		3906.2	3914.93
01:05:42		3854.9	3869.38
01:05:33	115.9	3062.3	3075.26
01:05:24		3057.8	3069.68
01:05:15		3038.6	3051.19
01:05:06		3022.5	3036.40
01:04:57	116.0	3028.3	3044.54
01:04:48		3059.2	3073.91
01:04:39		3030.0	3039.61
01:04:30	116.0	2939.5	2949.83
01:04:21		3066.9	3209.14
01:04:12		3274.2	3298.24
01:04:03	116.2	3465.5	3505.46
01:03:54		3821.0	3819.55
01:03:45		3644.2	3643.65
01:03:36		3471.6	3471.35
01:03:27	116.1	3286.8	3291.64
01:03:18		3016.8	3030.01
01:03:09		3027.3	3041.15
01:03:00	116.0	3023.5	3034.67
01:02:51		3026.7	3041.24
01:02:42		3036.8	3049.33
01:02:33	116.1	3053.0	3065.27
01:02:24		3038.5	3045.38
01:02:15		3072.2	3093.23
01:02:06		3292.0	3313.64
01:01:57	116.2	3445.8	3468.74
01:01:48		3789.5	3843.59
01:01:39		3716.0	3717.35
01:01:30	116.2	3554.4	3556.06
01:01:21		3384.2	3386.57
01:01:12		3020.6	3033.67
01:01:03	116.0	3024.4	3034.72
01:00:54		3018.8	3032.69
01:00:45		3022.8	3036.77
01:00:36		3029.8	3045.99
01:00:27	116.1	3036.7	3050.19
01:00:18		3018.1	3028.26
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00:59:51		3146.8	3166.31
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00:59:24		3586.5	3594.90
00:59:15		3513.4	3519.45
00:59:06		3325.9	3321.57
00:58:57	116.1	3196.2	3187.31
00:58:48		3017.1	3028.95
00:58:39		3017.1	3029.19
00:58:30	116.1	3021.6	3033.41
00:58:21		3020.1	3034.54
00:58:12		3030.1	3044.01
00:58:03	116.1	3033.7	3046.34
00:57:54		2974.5	2981.16
00:57:45		2969.1	2989.46
00:57:36		3228.0	3250.22
00:57:27	116.2	3390.2	3418.27
00:57:18		3793.0	3831.59
00:57:09		3716.0	3713.99
00:57:00	116.2	3563.1	3564.19
00:56:51		3381.2	3374.71
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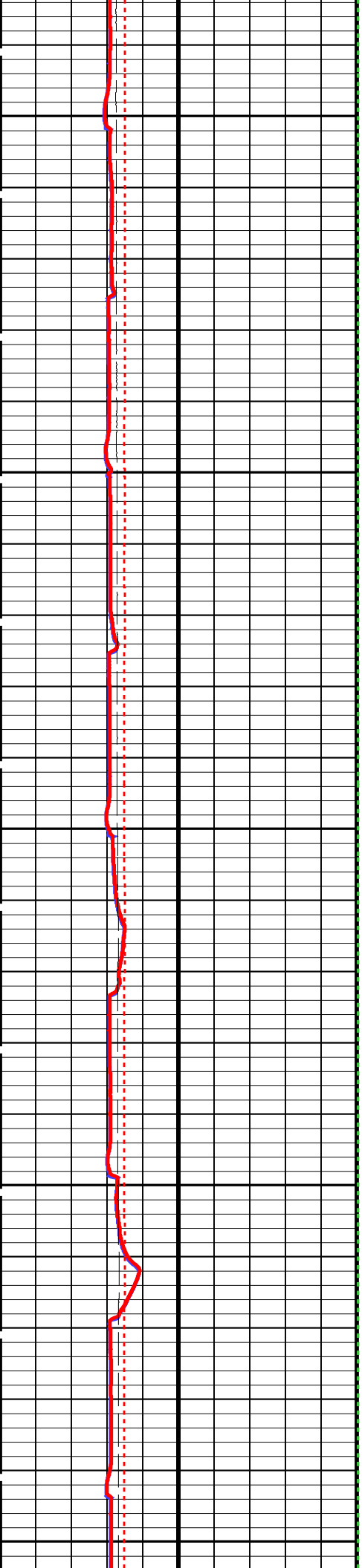
00:56:33	116.2	3035.7	3049.88
00:56:24		3053.9	3066.99



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00:56:06		3059.5	3071.93
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00:55:48		3034.7	3042.40
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00:55:30	116.2	2932.9	2953.90
00:55:21		3048.9	3059.68
00:55:12		3062.6	3081.53
00:55:03	116.2	3109.4	3122.70
00:54:54		3106.2	3117.70
00:54:45		3091.2	3109.71
00:54:36		3096.9	3108.41
00:54:27	116.2	3095.2	3111.73
00:54:18		3185.7	3139.56
00:54:09		3013.2	3030.42
00:54:00	116.2	3015.4	3029.40
00:53:51		3024.6	3037.12
00:53:42		3033.4	3049.20
00:53:33	116.3	3034.0	3048.23
00:53:24		3027.1	3038.99
00:53:15		2958.1	2962.11
00:53:06		3007.3	3044.92
00:52:57	116.3	3046.3	3067.27
00:52:48		3065.3	3077.20
00:52:39		3057.5	3070.31
00:52:30	116.3	3059.8	3074.88
00:52:21		3061.2	3076.02
00:52:12		3061.9	3077.40
00:52:03	116.3	3079.8	3099.48
00:51:54		3167.5	3190.26
00:51:45		3032.0	3042.84
00:51:36		3036.5	3048.16
00:51:27	116.3	3043.4	3056.16
00:51:18		3041.2	3057.19
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00:50:42		2993.4	2994.79
00:50:33	116.4	3004.9	3038.37
00:50:24		3138.5	3152.05
00:50:15		3163.1	3180.36
00:50:06		3212.0	3231.24
00:49:57	116.4	3325.4	3350.48
00:49:48		3444.5	3452.63
00:49:39		3383.5	3388.82
00:49:30	116.4	3302.6	3330.43
00:49:21		3043.1	3050.93
00:49:12		3036.9	3051.53
00:49:03	116.4	3041.3	3058.62
00:48:54		3047.5	3063.03
00:48:45		3062.2	3073.38
00:48:36		3057.4	3073.43
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00:48:00	116.5	3245.4	3253.24
00:47:51		3262.5	3280.26
00:47:42		3332.0	3352.92
00:47:33	116.6	3529.6	3573.80
00:47:24		3832.0	3826.75
00:47:15		3548.1	3542.34
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00:46:48		3074.7	3092.48
00:46:39		3078.9	3089.66
00:46:30	116.5	3082.0	3096.29
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00:46:03	116.5	3052.3	3057.31
00:45:54		2966.0	2982.28
00:45:45		3080.5	3089.41
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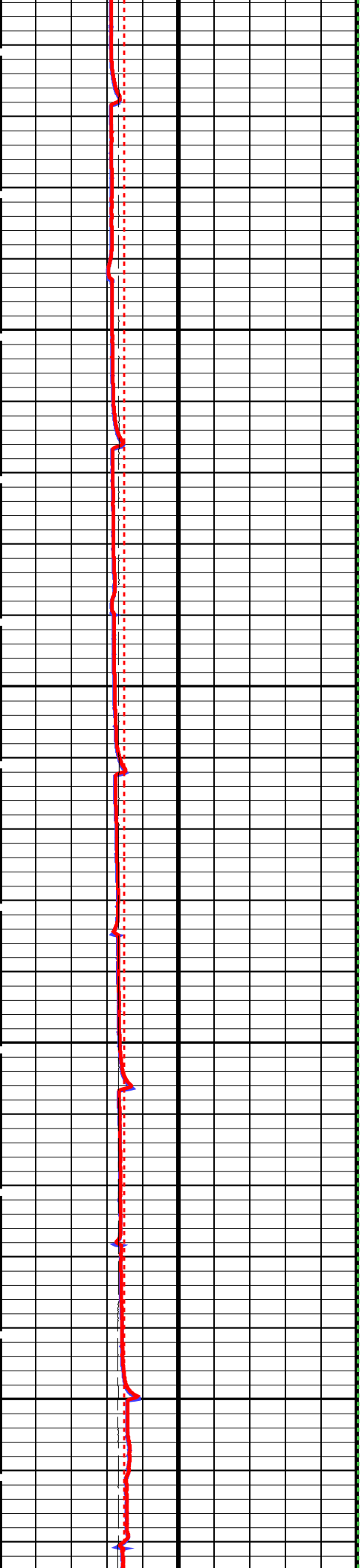
00:45:27	116.5	3086.9	3097.80



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00:44:42		3281.3	3322.62
00:44:33	116.5	3089.8	3102.72
00:44:24		3096.2	3110.30
00:44:15		3092.0	3105.33
00:44:06		3108.7	3120.37
00:43:57	116.5	3096.9	3110.65
00:43:48		3094.7	3107.51
00:43:39		3102.4	3113.60
00:43:30	116.5	3024.8	3027.96
00:43:21		3110.1	3127.57
00:43:12		3114.4	3128.39
00:43:03	116.5	3112.9	3126.71
00:42:54		3124.4	3136.33
00:42:45		3125.0	3140.78
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00:42:27	116.5	3179.1	3195.83
00:42:18		3307.6	3343.23
00:42:09		3128.0	3141.10
00:42:00	116.5	3129.8	3143.63
00:41:51		3136.7	3150.01
00:41:42		3152.9	3165.52
00:41:33	116.5	3150.6	3165.23
00:41:24		3167.0	3181.28
00:41:15		3193.2	3203.28
00:41:06		3110.8	3128.16
00:40:57	116.5	3161.9	3178.69
00:40:48		3165.4	3178.96
00:40:39		3168.4	3186.66
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00:39:54		3204.8	3214.64
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00:39:36		3236.8	3249.71
00:39:27	116.5	3250.2	3259.88
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00:37:39		3312.3	3322.40
00:37:30	116.5	3325.0	3338.67
00:37:21		3335.4	3349.27
00:37:12		3335.3	3346.82
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00:36:54		3338.2	3350.10
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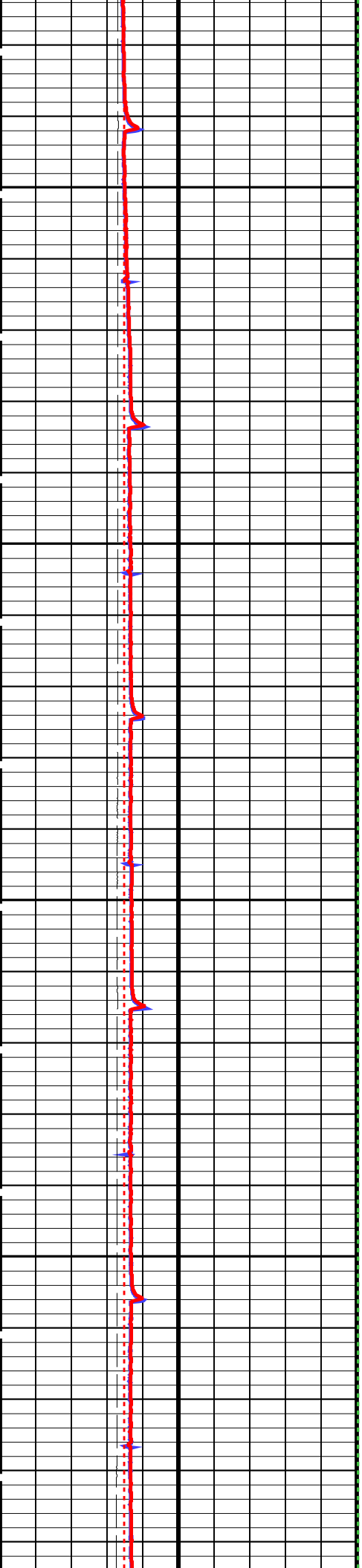

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00:33:36		3500.4	3516.53
00:33:27	116.5	3752.7	3529.27
00:33:18		3431.5	3445.36
00:33:09		3460.5	3475.89
00:33:00	116.4	3454.9	3474.01
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00:32:06	116.4	3581.8	3593.95
00:31:57		3600.7	3622.29
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00:30:45		3616.7	3627.09
00:30:36	116.4	3607.2	3630.06
00:30:27		3616.4	3632.38
00:30:18		3625.5	3631.78
00:30:09		3626.6	3646.48
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00:29:51		3641.3	3650.46
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00:29:24		3692.7	3722.93
00:29:15		3622.4	3643.01
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00:28:57	116.4	3637.1	3657.59
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00:28:39		3637.4	3636.24
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00:28:21		3644.5	3655.64
00:28:12		3660.3	3675.73
00:28:03	116.3	3651.2	3670.26
00:27:54		3651.4	3676.77
00:27:45		3665.6	3676.40
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00:27:00	116.3	3639.0	3649.86
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00:26:42		3649.0	3652.36
00:26:33	116.3	3645.3	3659.40
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00:26:06		3625.5	3641.95
00:25:57	116.3	3637.4	3656.28
00:25:48		3640.6	3650.37
00:25:39		3636.7	3651.98
00:25:30	116.3	3647.5	3661.94
00:25:21		3665.7	3689.71
00:25:12		3655.4	3666.91
00:25:03	116.3	3636.3	3652.24
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00:24:45		3639.1	3653.44
00:24:36		3631.5	3635.37
00:24:27	116.3	3637.0	3647.50
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00:24:00	116.2	3629.9	3646.52
00:23:51		3646.6	3656.13
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00:23:33	116.2	3659.0	3668.57
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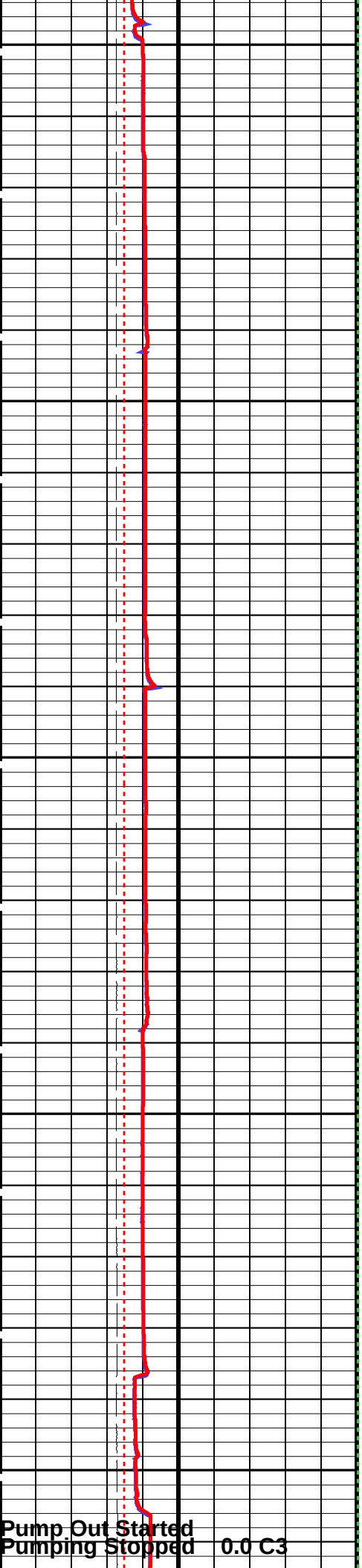

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00:22:30	116.2	3989.4	4002.24
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00:22:12		4023.7	4035.43
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00:21:54		4032.1	4046.04
00:21:45		4037.8	4050.17
00:21:36		4037.6	4050.59
00:21:27	116.2	4042.3	4054.22
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00:20:15		4048.7	4062.42
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00:19:57	116.2	4044.8	4058.40
00:19:48		4043.9	4056.64
00:19:39		4042.2	4055.63
00:19:30	116.2	4043.5	4057.58
00:19:21		4041.3	4055.54
00:19:12		4041.1	4054.88
00:19:03	116.2	4033.2	4047.01
00:18:54		4058.7	4085.39
00:18:45		4085.7	4101.54
00:18:36		4149.0	4182.44
00:18:27	116.2	4045.4	4058.57
00:18:18		4041.7	4056.31
00:18:09		4041.1	4054.75
00:18:00	116.2	4049.0	4062.63
00:17:51		4047.0	4059.53
00:17:42		4078.6	4079.37
00:17:33	116.2	4053.2	4066.25
00:17:24		4052.4	4066.05
00:17:15		4051.4	4065.67
00:17:06		4050.1	4063.33
00:16:57	116.2	4057.3	4071.65
00:16:48		4057.7	4076.46
00:16:39		4076.7	4089.55
00:16:30	116.2	4075.1	4087.15
00:16:21		4100.1	4109.11
00:16:12		4072.6	4090.49
00:16:03	116.2	3973.0	3986.72
00:15:54		3982.7	3995.50
00:15:45		3980.2	3993.62
00:15:36		3977.3	3987.95
00:15:27	116.2	3970.6	3984.19
00:15:18		3970.5	3983.85
00:15:09		3970.9	3984.14
00:15:00	116.2	3971.3	3984.30
00:14:51		3970.0	3983.60
00:14:42		3971.6	3985.05
00:14:33	116.3	3972.0	3987.62
00:14:24		3983.0	3995.82
00:14:15		3987.7	4000.10
00:14:06		3994.1	4007.19
00:13:57	116.3	4003.5	4021.24
00:13:48		4036.5	4055.18
00:13:39		3757.5	3766.46
00:13:30	116.2	3742.9	3760.83
00:13:21		3765.5	3779.10
00:13:12		3780.3	3808.83
00:13:03	116.3	3761.1	3788.85
00:12:54		3806.7	3829.67
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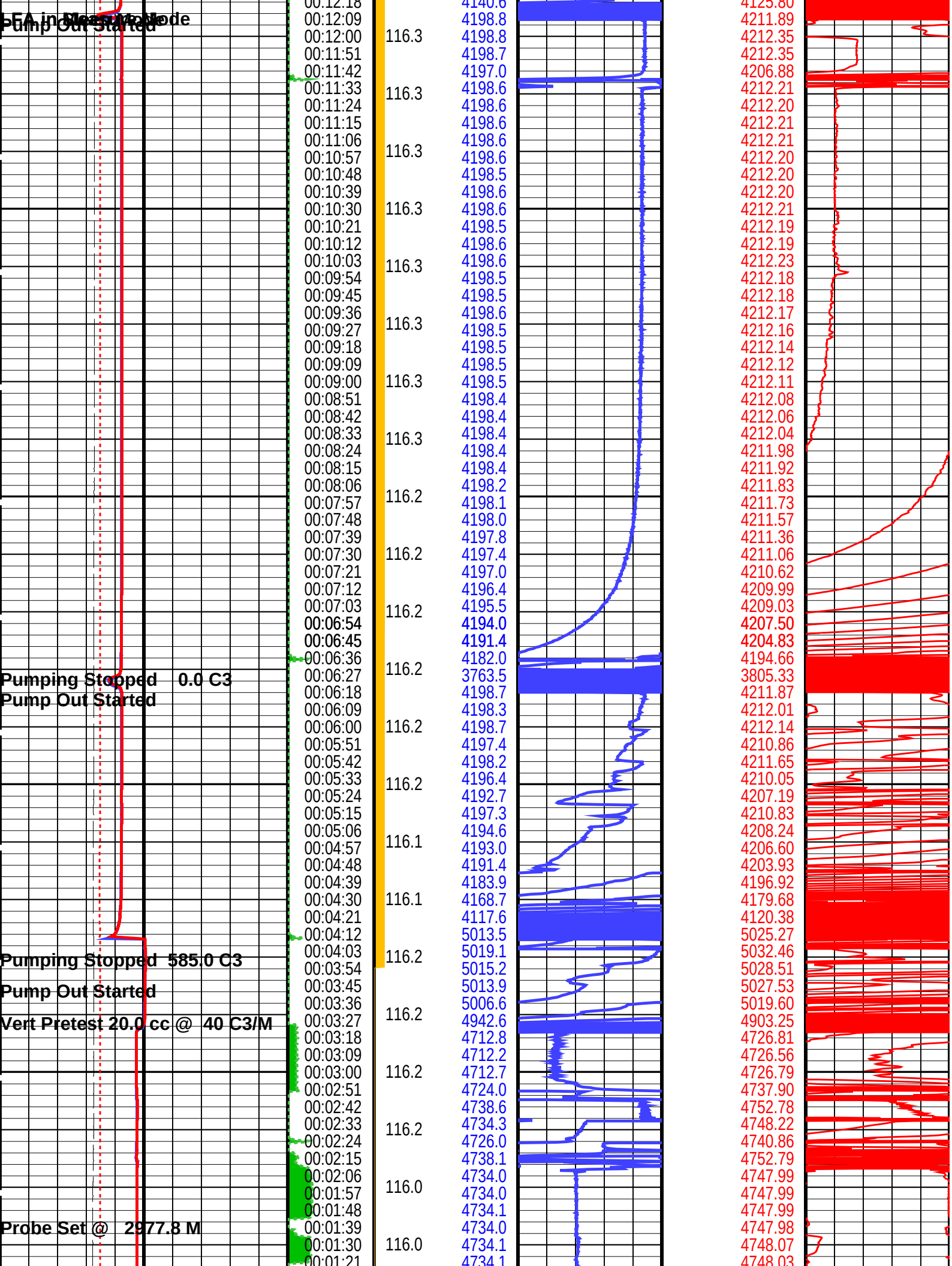
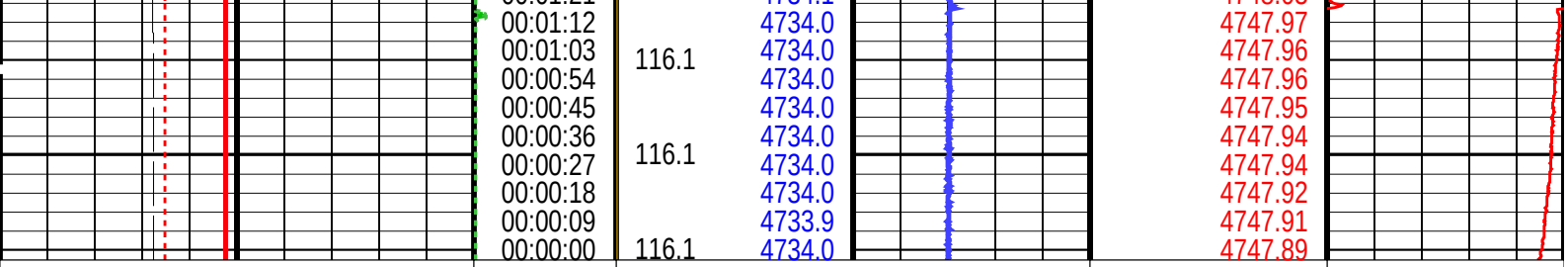
00:12:36		4191.8	4204.91
00:12:27	116.3	4185.7	4198.78


LFA in Heat Mode
Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 585.0 C3
Pump Out Started
Vert Pretest 20.0 cc @ 40 C3/M
Probe Set @ 2977.8 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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 22:55

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_147LTP	FN:232	PRODUCER	27−Nov−2004 18:02	2977.8 M	10.6 M

Output DLIS Files

DEFAULT	MDT_OFA_050PTP	FN:49	PRODUCER	27−Nov−2004 22:55

Input DLIS Files

DEFAULT	MDT_OFA_147LTP	FN:232	PRODUCER	27−Nov−2004 18:02	2977.8 M	10.6 M

Output DLIS Files

Elapsed Time (s)	Event Summary
4061.4	Retract Single Probe Module (MRPS) 1
4003.5	Pumping Stopped 25740.0 C3 Dual Up−down Pumpout Module (MRPOUD)
759.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
751.8	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
729.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
388.2	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
377.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
242.1	Pumping Stopped 585.0 C3 Dual Up−down Pumpout Module (MRPOUD)
225.9	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
168.3	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
102.3	Probe Set @ 2977.8 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

4747.04

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

Elapsed Time (ETIM) (S)
01:00:26

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 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

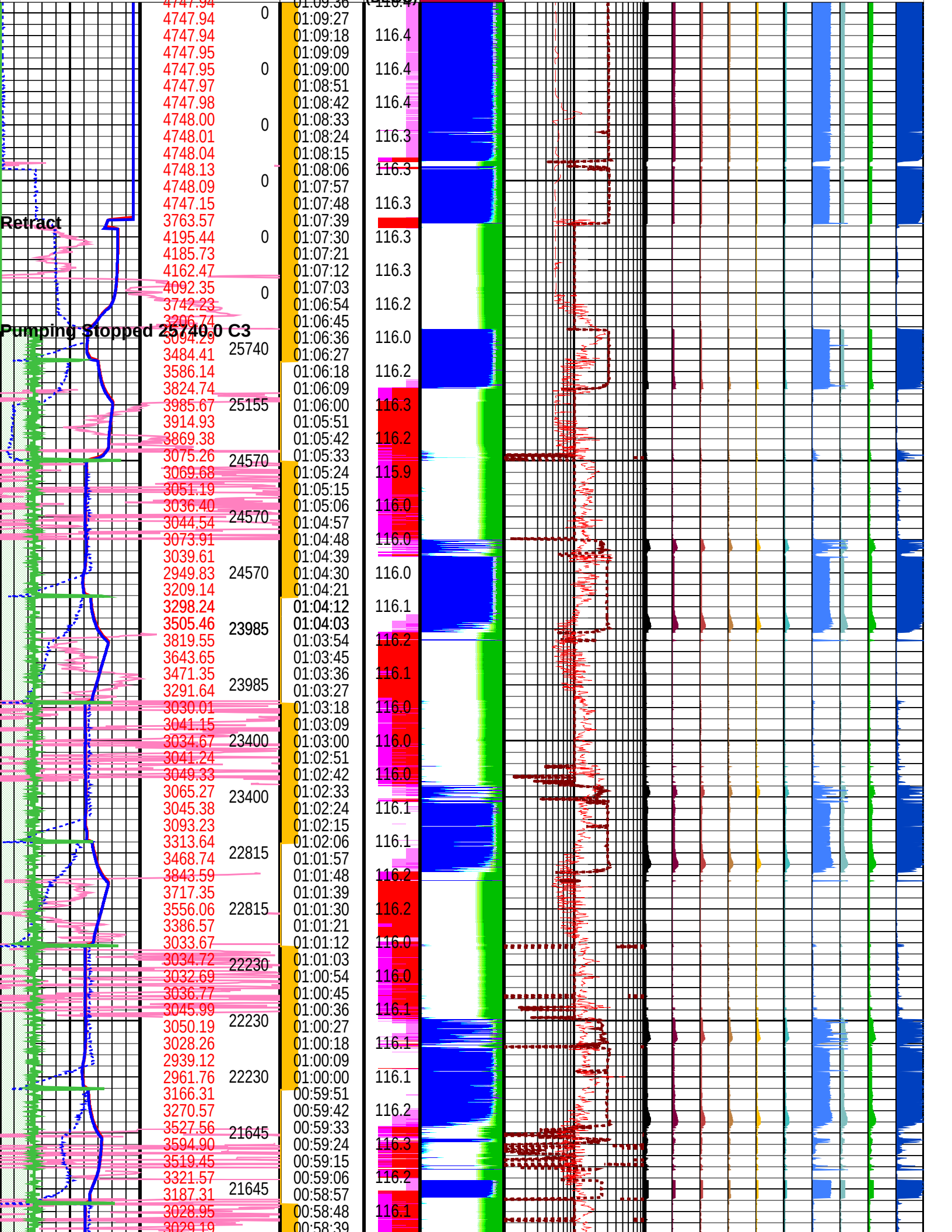
LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (−−−− 24

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

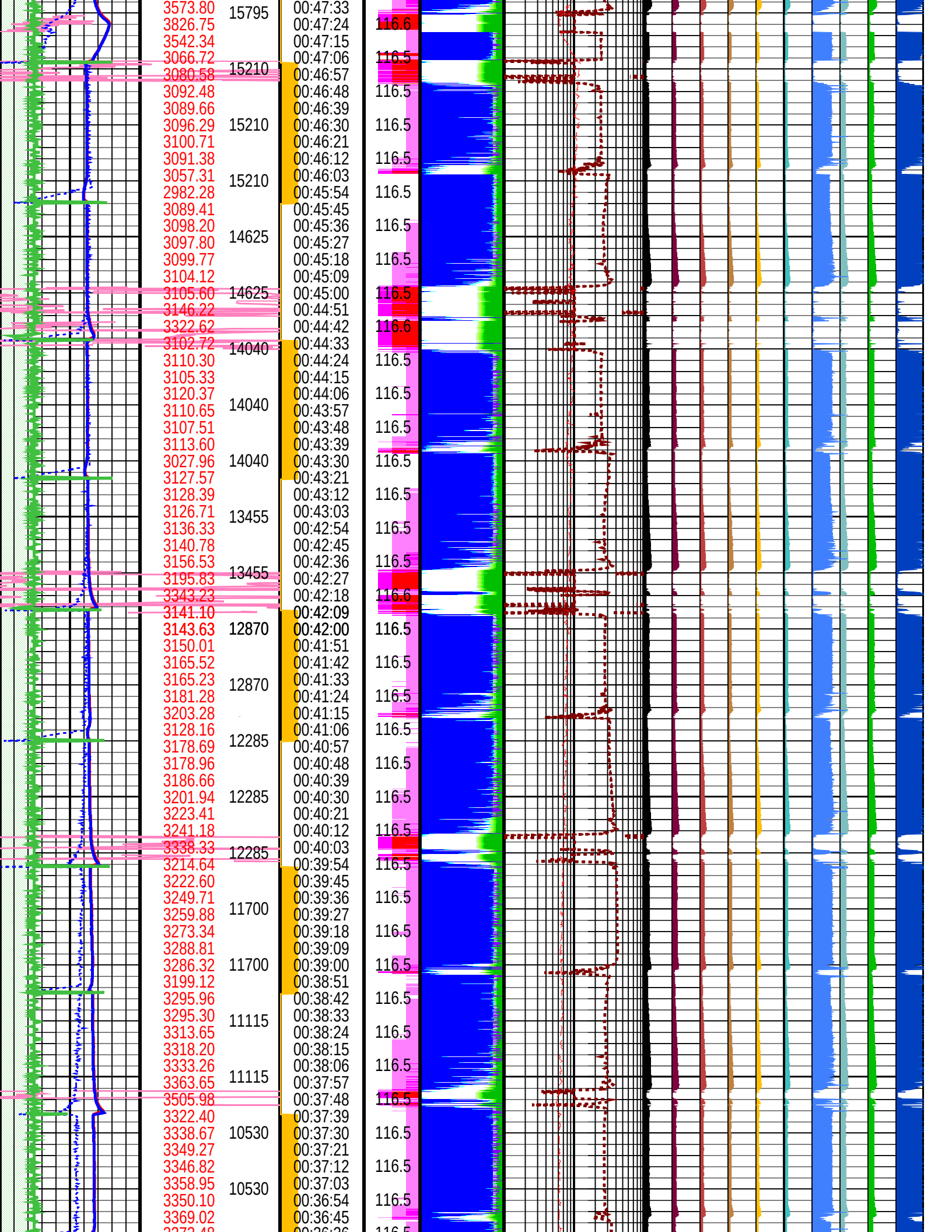
LFA Optical Density Channel 2 (FAOD_LFA[2])
−8 (−−−− 32

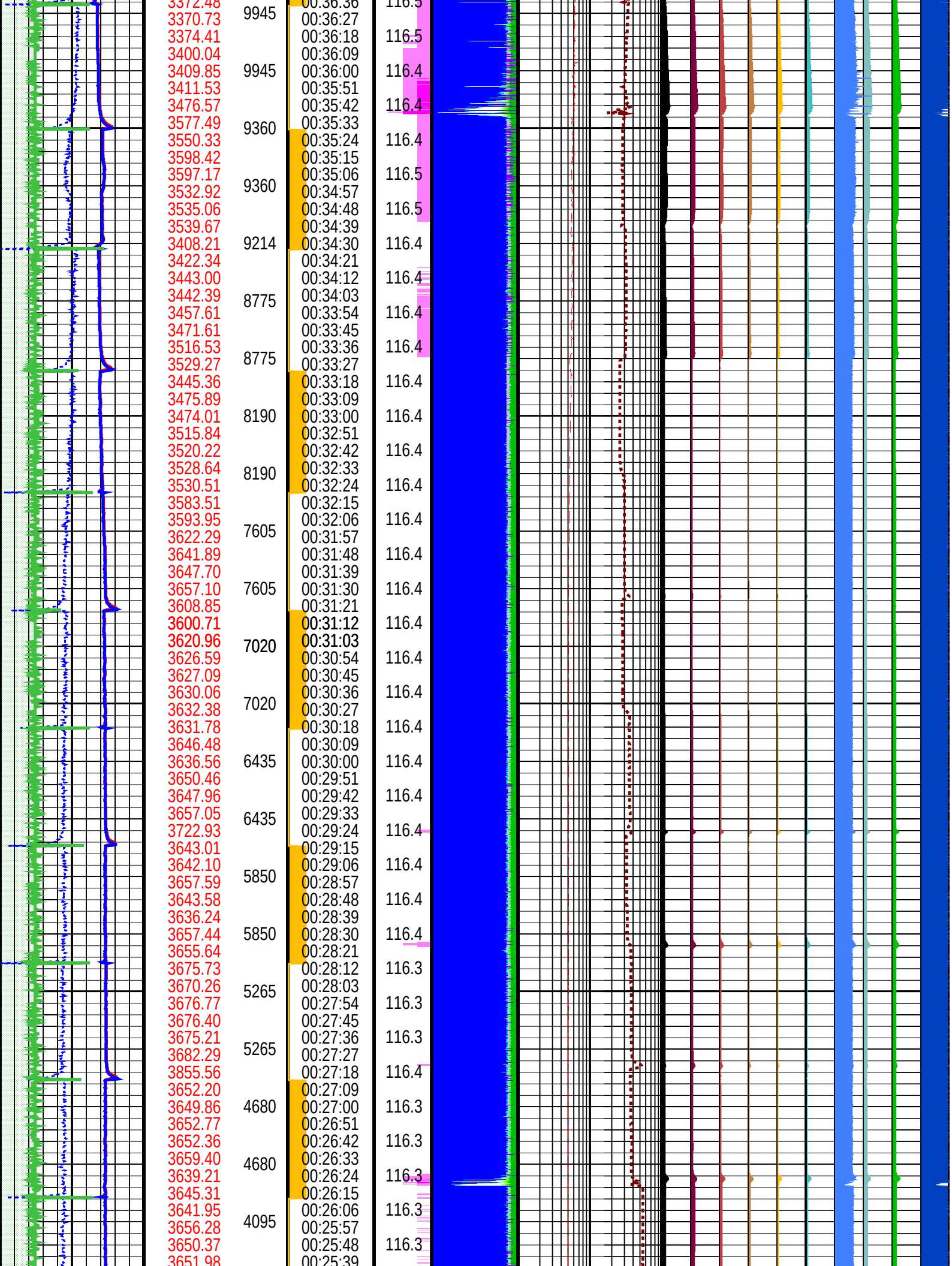
LFA Optical Density Channel 1 (FAOD_LFA[1])
−4 (−−−− 36

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

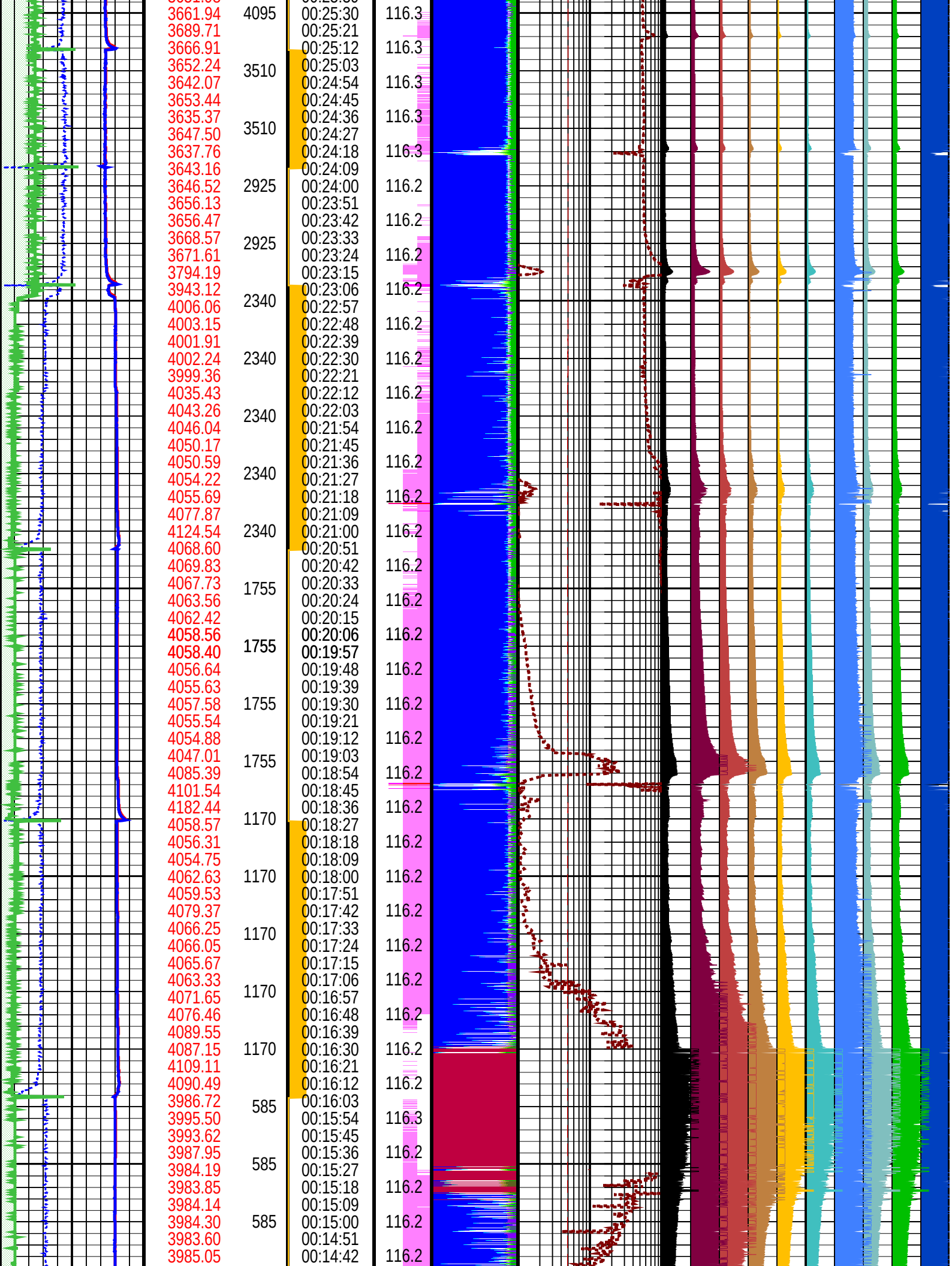

Retract
Pumping Stopped 25740.0 C3

3033.41	21060	00:58:30	116.1
3034.54		00:58:21	
3044.01		00:58:12	116.1
3046.34	21060	00:58:03	
2981.16		00:57:54	116.1
2989.46		00:57:45	
3250.22		00:57:36	116.2
3418.27	20475	00:57:27	
3831.59		00:57:18	116.3
3713.99		00:57:09	
3564.19	20475	00:57:00	116.2
3374.71		00:56:51	
3043.38		00:56:42	116.2
3049.88	19890	00:56:33	
3066.99		00:56:24	116.2
3070.10		00:56:15	
3071.93	19890	00:56:06	116.2
3064.92		00:55:57	
3042.40		00:55:48	116.2
2937.82		00:55:39	
2953.90	19890	00:55:30	116.2
3059.68		00:55:21	
3081.53		00:55:12	116.2
3122.70	19305	00:55:03	
3117.70		00:54:54	116.2
3109.71		00:54:45	
3108.41		00:54:36	116.2
3111.73	19305	00:54:27	
3139.56		00:54:18	116.2
3030.42		00:54:09	
3029.40	18720	00:54:00	116.2
3037.12		00:53:51	
3049.20		00:53:42	116.2
3048.23	18720	00:53:33	
3038.99		00:53:24	116.3
2962.11		00:53:15	
3044.92		00:53:06	116.3
3067.27	18135	00:52:57	
3077.20		00:52:48	116.3
3070.31		00:52:39	
3074.88	18135	00:52:30	116.3
3076.02		00:52:21	
3077.40		00:52:12	116.3
3099.48	18135	00:52:03	
3190.26		00:51:54	116.4
3042.84		00:51:45	
3048.16		00:51:36	116.3
3056.16	17550	00:51:27	
3057.19		00:51:18	116.3
3055.52		00:51:09	
3060.49	17550	00:51:00	116.3
3061.50		00:50:51	
2994.79		00:50:42	116.3
3038.37	17550	00:50:33	
3152.05		00:50:24	116.4
3180.36		00:50:15	
3231.24		00:50:06	116.4
3350.48	16965	00:49:57	
3452.63		00:49:48	116.5
3388.82		00:49:39	
3330.43	16965	00:49:30	116.4
3050.93		00:49:21	
3051.53		00:49:12	116.4
3058.62	16380	00:49:03	
3063.03		00:48:54	116.4
3073.38		00:48:45	
3073.43		00:48:36	116.4
3071.44	16380	00:48:27	
3039.34		00:48:18	116.4
3057.19		00:48:09	
3253.24	15795	00:48:00	116.5
3280.26		00:47:51	
3352.92		00:47:42	116.5

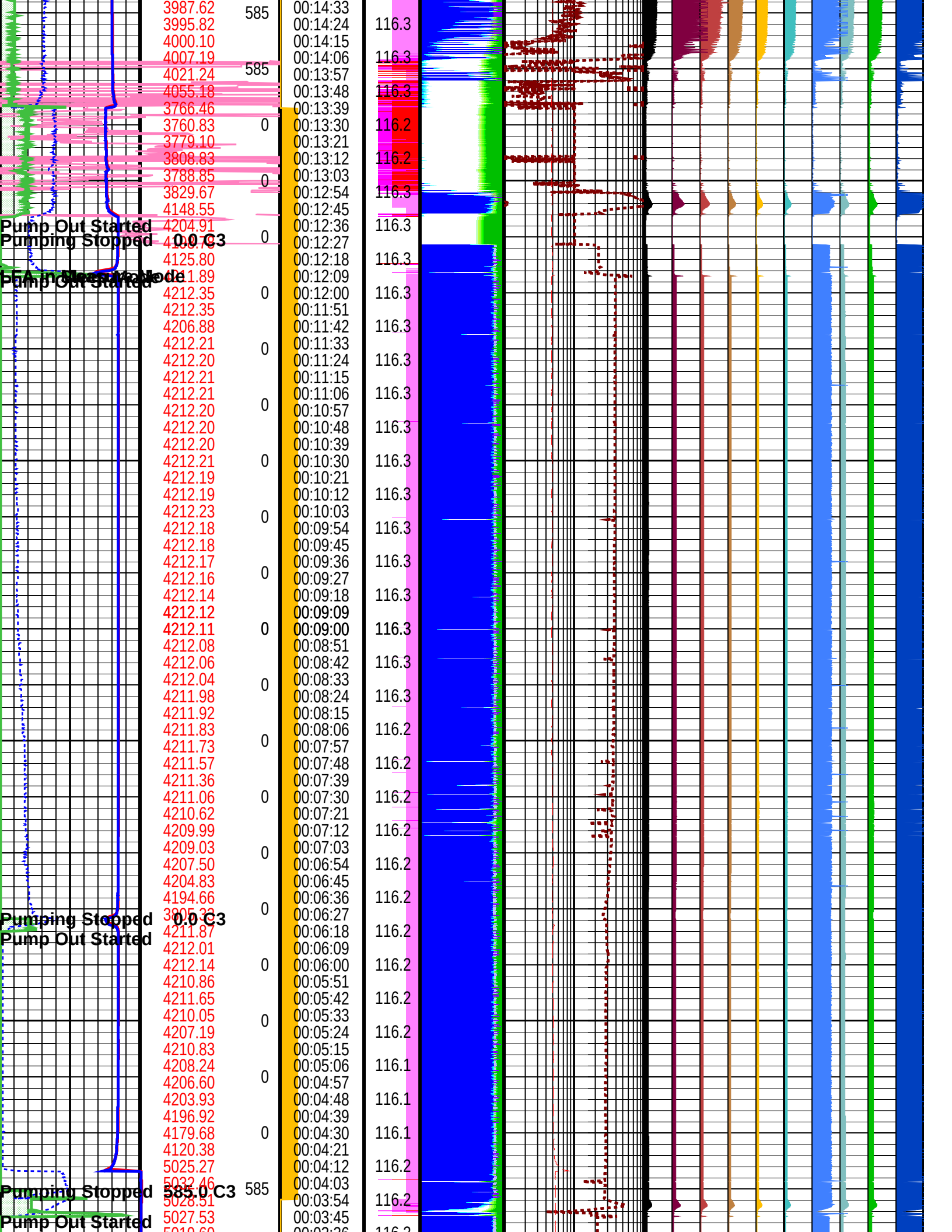

3573.80 15795 00:47:33
3826.75 00:47:24 116.6
3542.34 00:47:15
3066.72 00:47:06 116.5
3080.58 15210 00:46:57
3092.48 00:46:48 116.5
3089.66 00:46:39
3096.29 15210 00:46:30 116.5
3100.71 00:46:21
3091.38 00:46:12 116.5
3057.31 15210 00:46:03
2982.28 00:45:54 116.5
3089.41 00:45:45
3098.20 00:45:36 116.5
3097.80 14625 00:45:27
3099.77 00:45:18 116.5
3104.12 00:45:09
3105.60 14625 00:45:00 116.5
3146.22 00:44:51
3322.62 00:44:42 116.6
3102.72 14040 00:44:33
3110.30 00:44:24 116.5
3105.33 00:44:15
3120.37 00:44:06 116.5
3110.65 14040 00:43:57
3107.51 00:43:48 116.5
3113.60 00:43:39
3027.96 14040 00:43:30 116.5
3127.57 00:43:21
3128.39 00:43:12 116.5
3126.71 13455 00:43:03
3136.33 00:42:54 116.5
3140.78 00:42:45
3156.53 00:42:36 116.5
3195.83 13455 00:42:27
3343.23 00:42:18 116.6
3141.10 00:42:09
3143.63 12870 00:42:00 116.5
3150.01 00:41:51
3165.52 00:41:42 116.5
3165.23 12870 00:41:33
3181.28 00:41:24 116.5
3203.28 00:41:15
3128.16 00:41:06 116.5
3178.69 12285 00:40:57
3178.96 00:40:48 116.5
3186.66 00:40:39
3201.94 12285 00:40:30 116.5
3223.41 00:40:21
3241.18 00:40:12 116.5
3338.33 12285 00:40:03
3214.64 00:39:54 116.5
3222.60 00:39:45
3249.71 00:39:36 116.5
3259.88 11700 00:39:27
3273.34 00:39:18 116.5
3288.81 00:39:09
3286.32 11700 00:39:00 116.5
3199.12 00:38:51
3295.96 00:38:42 116.5
3295.30 11115 00:38:33
3313.65 00:38:24 116.5
3318.20 00:38:15
3333.26 00:38:06 116.5
3363.65 11115 00:37:57
3505.98 00:37:48 116.5
3322.40 00:37:39
3338.67 10530 00:37:30 116.5
3349.27 00:37:21
3346.82 00:37:12 116.5
3358.95 10530 00:37:03
3350.10 00:36:54 116.5
3369.02 00:36:45

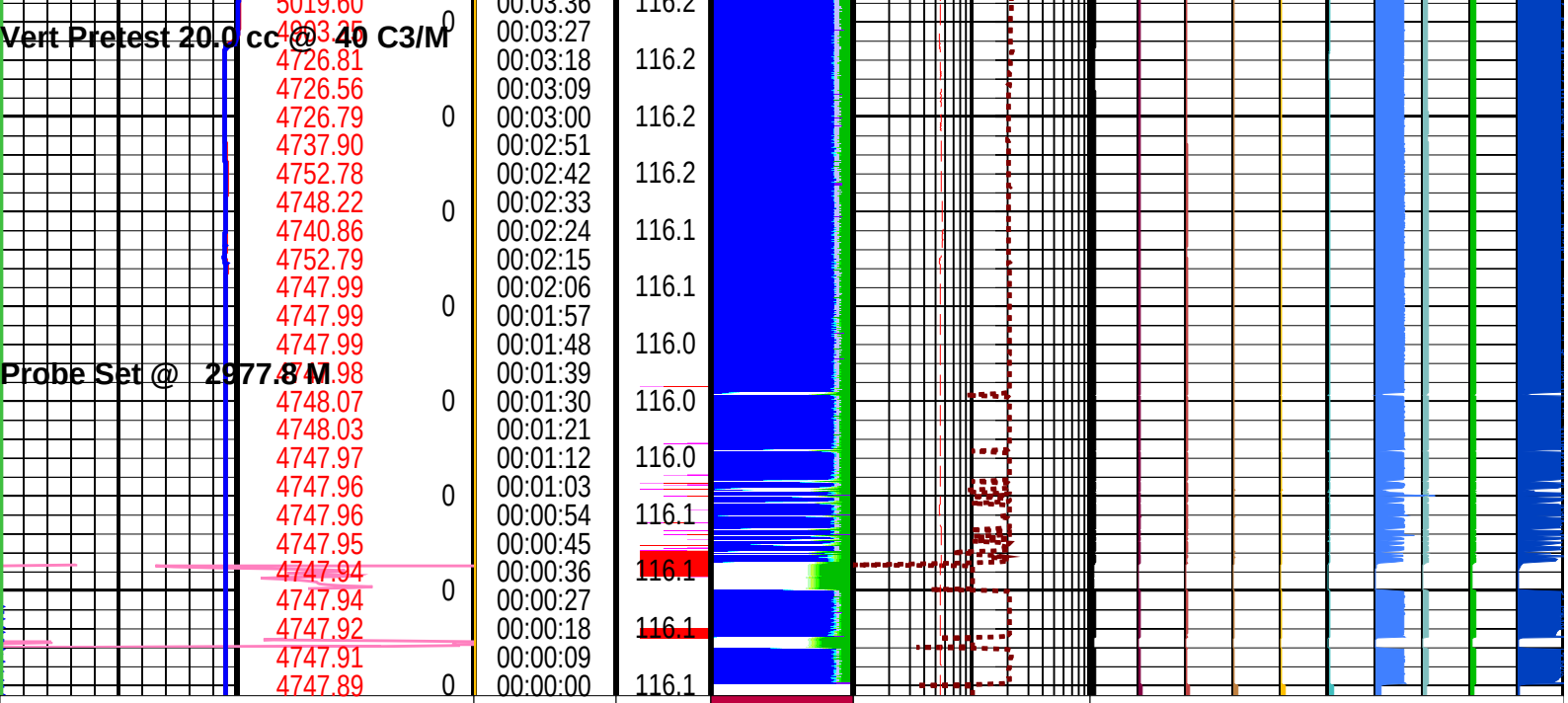


3372.48		00:36:36	116.5
3370.73	9945	00:36:27	
3374.41		00:36:18	116.5
3400.04		00:36:09	
3409.85	9945	00:36:00	116.4
3411.53		00:35:51	
3476.57		00:35:42	116.4
3577.49	9360	00:35:33	
3550.33		00:35:24	116.4
3598.42		00:35:15	
3597.17	9360	00:35:06	116.5
3532.92		00:34:57	
3535.06		00:34:48	116.5
3539.67		00:34:39	
3408.21	9214	00:34:30	116.4
3422.34		00:34:21	
3443.00		00:34:12	116.4
3442.39	8775	00:34:03	
3457.61		00:33:54	116.4
3471.61		00:33:45	
3516.53	8775	00:33:36	116.4
3529.27		00:33:27	
3445.36		00:33:18	116.4
3475.89		00:33:09	
3474.01	8190	00:33:00	116.4
3515.84		00:32:51	
3520.22		00:32:42	116.4
3528.64	8190	00:32:33	
3530.51		00:32:24	116.4
3583.51		00:32:15	
3593.95	7605	00:32:06	116.4
3622.29		00:31:57	
3641.89		00:31:48	116.4
3647.70		00:31:39	
3657.10	7605	00:31:30	116.4
3608.85		00:31:21	
3600.71		00:31:12	116.4
3620.96	7020	00:31:03	
3626.59		00:30:54	116.4
3627.09		00:30:45	
3630.06	7020	00:30:36	116.4
3632.38		00:30:27	
3631.78		00:30:18	116.4
3646.48		00:30:09	
3636.56	6435	00:30:00	116.4
3650.46		00:29:51	
3647.96		00:29:42	116.4
3657.05	6435	00:29:33	
3722.93		00:29:24	116.4
3643.01		00:29:15	
3642.10	5850	00:29:06	116.4
3657.59		00:28:57	
3643.58		00:28:48	116.4
3636.24		00:28:39	
3657.44	5850	00:28:30	116.4
3655.64		00:28:21	
3675.73		00:28:12	116.3
3670.26	5265	00:28:03	
3676.77		00:27:54	116.3
3676.40		00:27:45	
3675.21	5265	00:27:36	116.3
3682.29		00:27:27	
3855.56		00:27:18	116.4
3652.20		00:27:09	
3649.86	4680	00:27:00	116.3
3652.77		00:26:51	
3652.36		00:26:42	116.3
3659.40	4680	00:26:33	
3639.21		00:26:24	116.3
3645.31		00:26:15	
3641.95		00:26:06	116.3
3656.28	4095	00:25:57	
3650.37		00:25:48	116.3
3651.98		00:25:39	



3661.94	4095	00:25:30	116.3
3689.71		00:25:21	
3666.91		00:25:12	116.3
3652.24	3510	00:25:03	
3642.07		00:24:54	116.3
3653.44		00:24:45	
3635.37		00:24:36	116.3
3647.50	3510	00:24:27	
3637.76		00:24:18	116.3
3643.16		00:24:09	
3646.52	2925	00:24:00	116.2
3656.13		00:23:51	
3656.47		00:23:42	116.2
3668.57	2925	00:23:33	
3671.61		00:23:24	116.2
3794.19		00:23:15	
3943.12	2340	00:23:06	116.2
4006.06		00:22:57	
4003.15		00:22:48	116.2
4001.91		00:22:39	
4002.24	2340	00:22:30	116.2
3999.36		00:22:21	
4035.43		00:22:12	116.2
4043.26	2340	00:22:03	
4046.04		00:21:54	116.2
4050.17		00:21:45	
4050.59	2340	00:21:36	116.2
4054.22		00:21:27	
4055.69		00:21:18	116.2
4077.87		00:21:09	
4124.54	2340	00:21:00	116.2
4068.60		00:20:51	
4069.83		00:20:42	116.2
4067.73	1755	00:20:33	
4063.56		00:20:24	116.2
4062.42		00:20:15	
4058.56		00:20:06	116.2
4058.40	1755	00:19:57	
4056.64		00:19:48	116.2
4055.63		00:19:39	
4057.58	1755	00:19:30	116.2
4055.54		00:19:21	
4054.88		00:19:12	116.2
4047.01	1755	00:19:03	
4085.39		00:18:54	116.2
4101.54		00:18:45	
4182.44		00:18:36	116.2
4058.57	1170	00:18:27	
4056.31		00:18:18	116.2
4054.75		00:18:09	
4062.63	1170	00:18:00	116.2
4059.53		00:17:51	
4079.37		00:17:42	116.2
4066.25	1170	00:17:33	
4066.05		00:17:24	116.2
4065.67		00:17:15	
4063.33		00:17:06	116.2
4071.65	1170	00:16:57	
4076.46		00:16:48	116.2
4089.55		00:16:39	
4087.15	1170	00:16:30	116.2
4109.11		00:16:21	
4090.49		00:16:12	116.2
3986.72	585	00:16:03	
3995.50		00:15:54	116.3
3993.62		00:15:45	
3987.95		00:15:36	116.2
3984.19	585	00:15:27	
3983.85		00:15:18	116.2
3984.14		00:15:09	
3984.30	585	00:15:00	116.2
3983.60		00:14:51	
3985.05		00:14:42	116.2


Pump Out Started
Pumping Stopped 0.0 C3
LEA in Sleep Mode
Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 585.0 C3
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 (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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 22:55

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_147LTP	FN:232	PRODUCER	27−Nov−2004 18:02	2977.8 M	10.6 M

Output DLIS Files

DEFAULT	MDT_OFA_050PTP	FN:49	PRODUCER	27−Nov−2004 22:55

Schlumberger

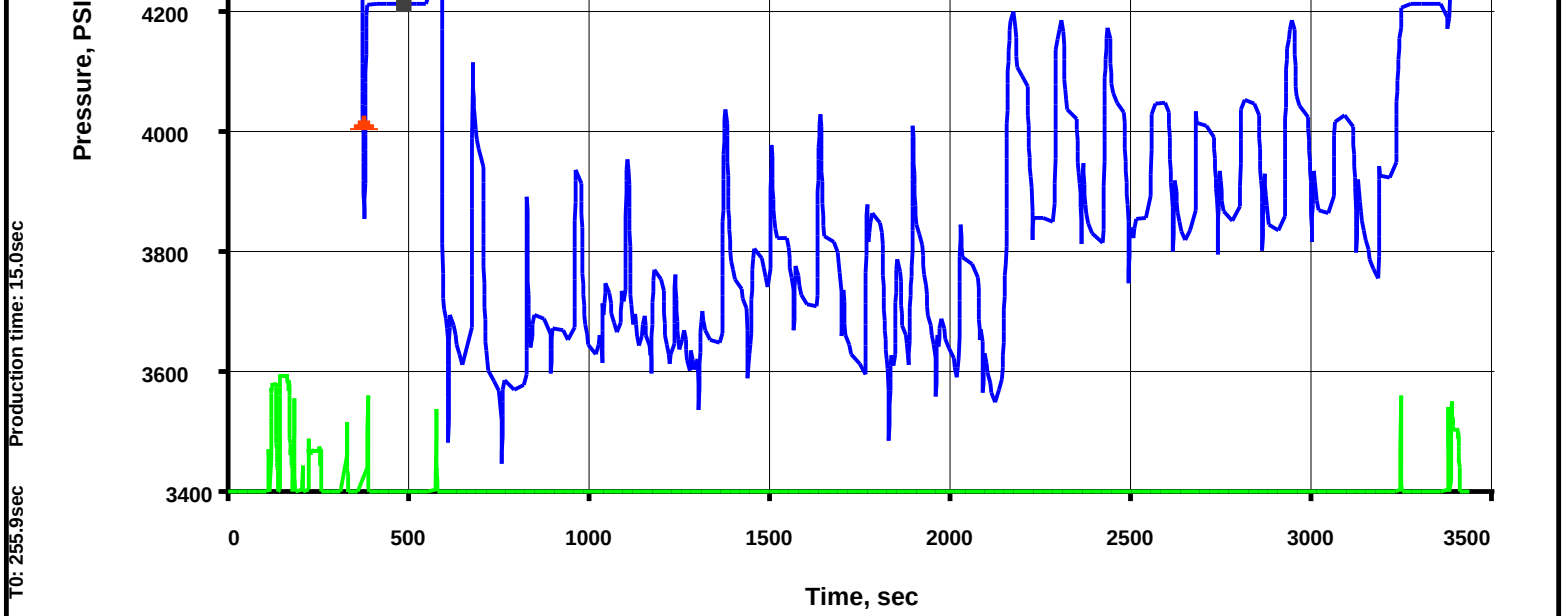
Pumpout @ 2982.0 mMD

MAXIS Field Log

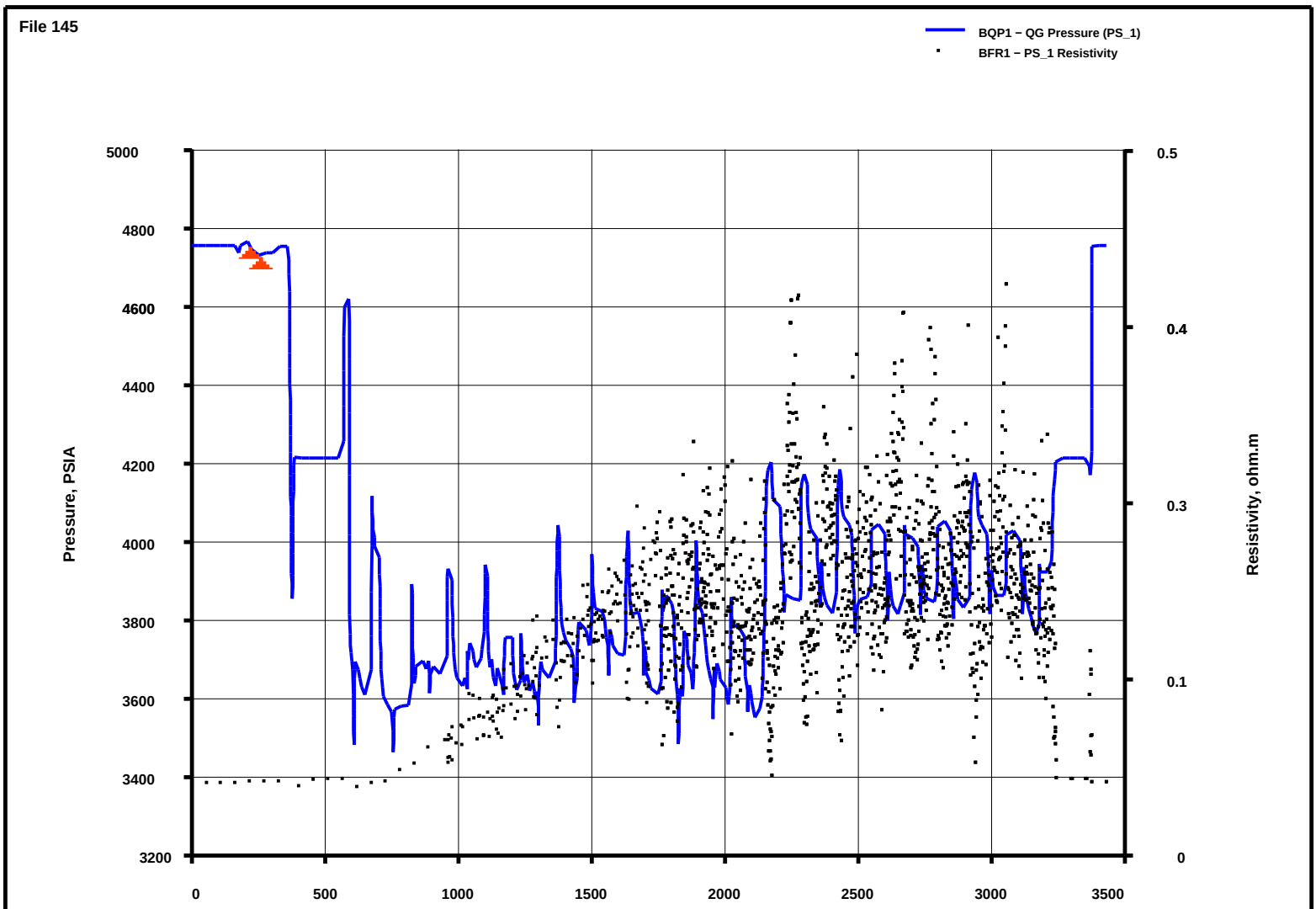
File 145 Depth, M: 2981.97

Normal Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	4755.03
Mud Pressure after test, PSIA:	4754.5
Last build−up pressure, PSIA:	4213.29
Draw−down mobility, md/cp:	18.9



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



Start of Test Time: 218.4 sec

Start of Build−up Time: 258.0 sec

Reference pressure st start of build−up (BQP1) 4764.0 PSIA.

Input DLIS Files

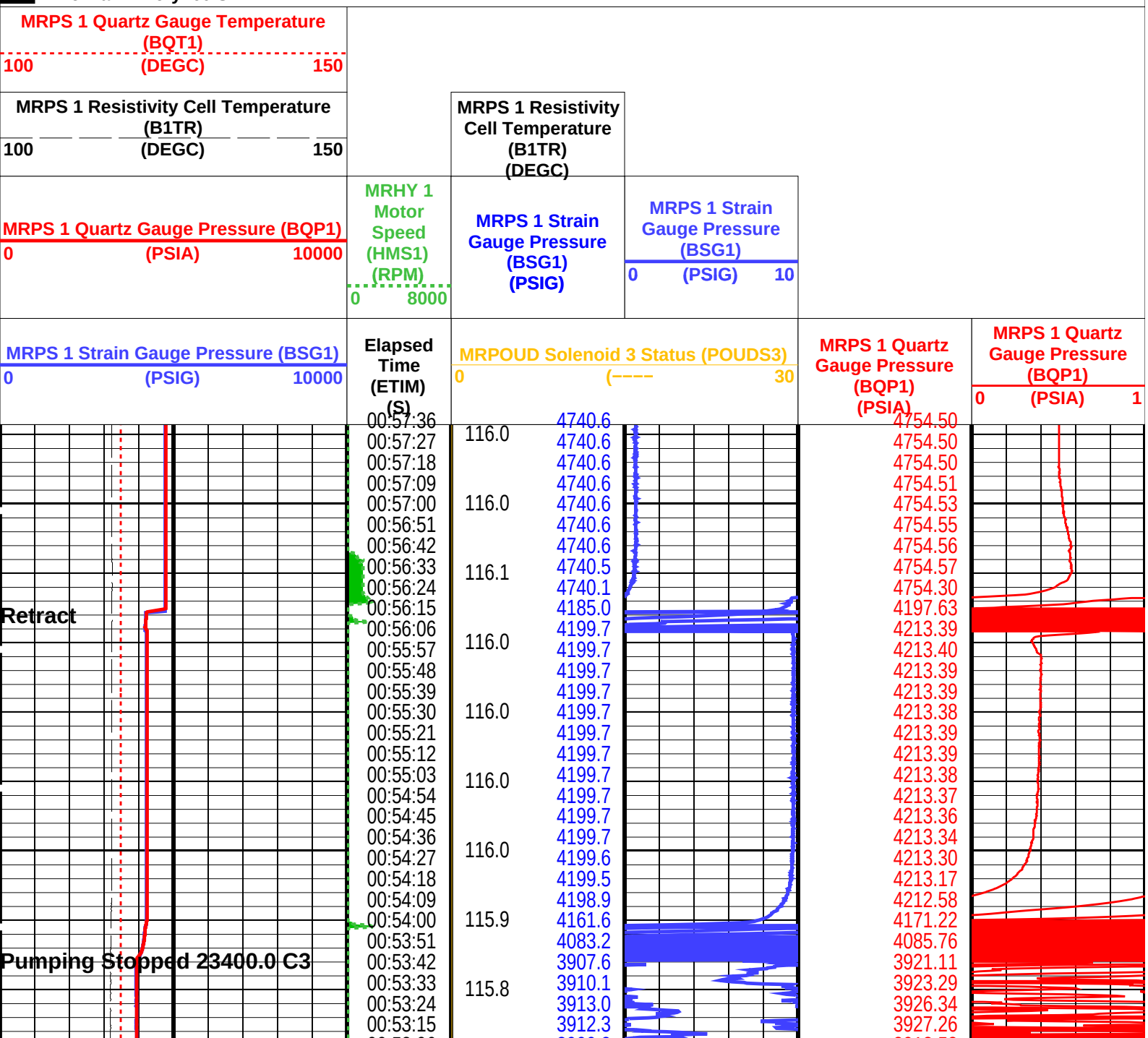
DEFAULT	MDT_OFA_145LTP	FN:230	PRODUCER	27−Nov−2004 18:02	2982.0 M	8.8 M

Output DLIS Files

Elapsed Time (s)	Event Summary
3375.3	Retract Single Probe Module (MRPS) 1
3225.9	Pumping Stopped 23400.0 C3 Dual Up−down Pumpout Module (MRPOUD)
588.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
377.7	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
361.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
218.4	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
139.2	Probe Set @ 2982.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S



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00:52:39		3769.3	3780.90
00:52:30	115.8	3791.0	3806.02
00:52:21		3808.4	3823.93
00:52:12		3841.4	3857.35
00:52:03	115.8	3918.5	3935.41
00:51:54		3895.9	3915.53
00:51:45		4012.2	4025.17
00:51:36	115.9	4010.9	4025.18
00:51:27		4014.8	4028.72
00:51:18		4011.9	4025.81
00:51:09		4012.8	4025.94
00:51:00	115.9	4000.6	4013.39
00:50:51		3847.1	3862.60
00:50:42		3848.9	3863.66
00:50:33	115.8	3851.5	3864.74
00:50:24		3845.4	3859.50
00:50:15		3852.1	3865.01
00:50:06		3874.3	3891.71
00:49:57	115.9	3872.2	3873.82
00:49:48		3940.6	3964.50
00:49:39		4027.7	4042.72
00:49:30	115.9	4029.9	4042.91
00:49:21		4029.8	4044.89
00:49:12		4048.6	4067.34
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00:48:54		4153.0	4163.50
00:48:45		4112.5	4117.50
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00:48:27	115.8	3819.1	3833.38
00:48:18		3819.9	3832.30
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00:47:51		3850.6	3868.10
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00:42:36		4026.1	4035.74
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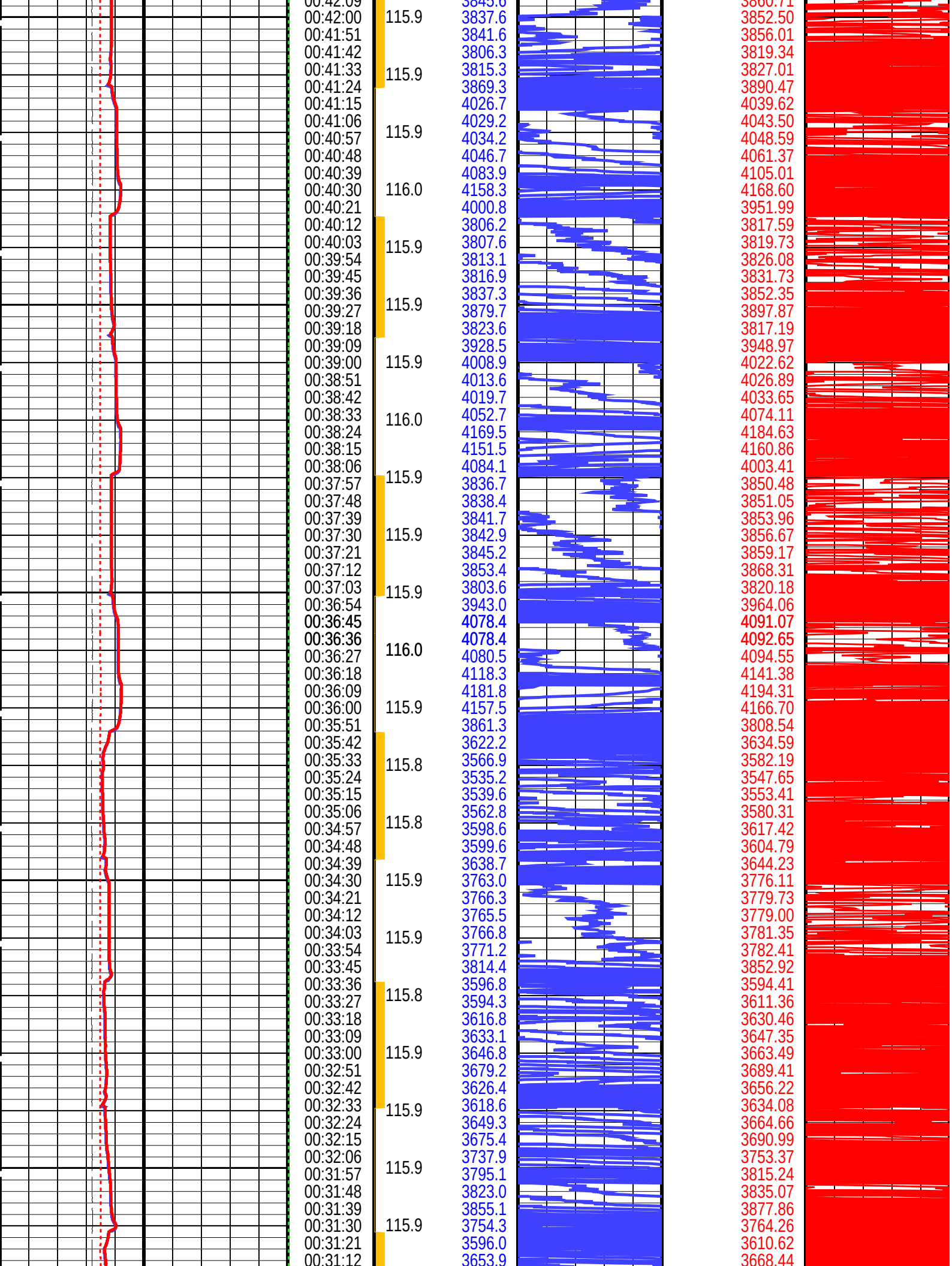

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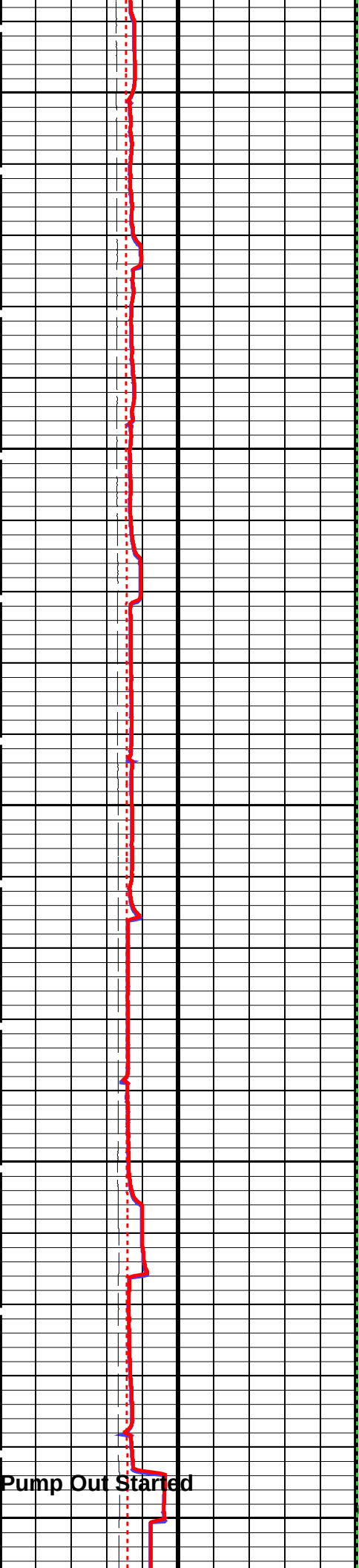

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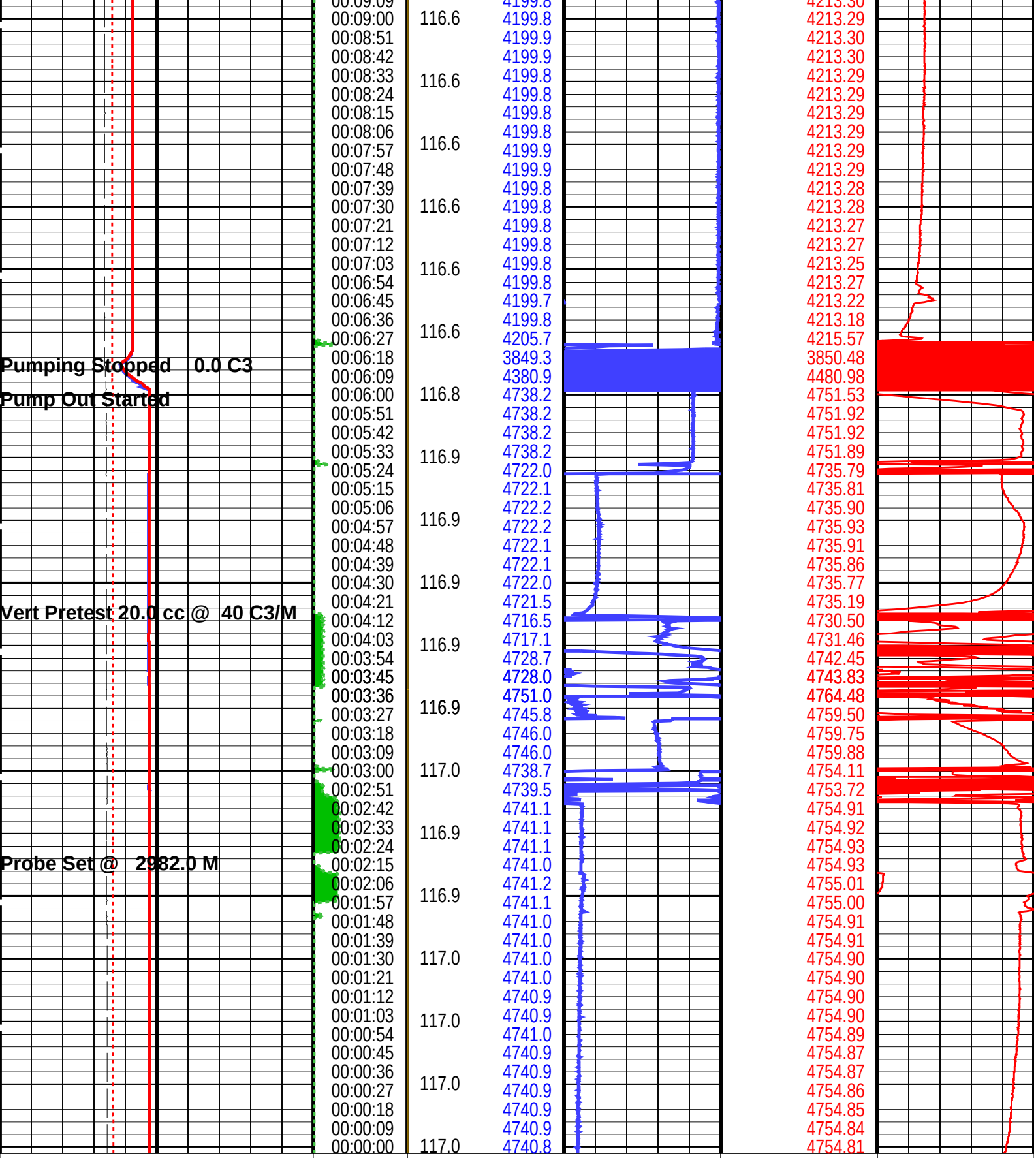


Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)
00:09:09		4199.8	4213.30			
00:09:00	116.6	4199.8	4213.29			
00:08:51		4199.9	4213.30			
00:08:42		4199.9	4213.30			
00:08:33	116.6	4199.8	4213.29			
00:08:24		4199.8	4213.29			
00:08:15		4199.8	4213.29			
00:08:06	116.6	4199.8	4213.29			
00:07:57		4199.9	4213.29			
00:07:48		4199.9	4213.29			
00:07:39		4199.8	4213.28			
00:07:30	116.6	4199.8	4213.28			
00:07:21		4199.8	4213.27			
00:07:12		4199.8	4213.27			
00:07:03	116.6	4199.8	4213.25			
00:06:54		4199.8	4213.27			
00:06:45		4199.7	4213.22			
00:06:36	116.6	4199.8	4213.18			
00:06:27		4205.7	4215.57			
00:06:18		3849.3	3850.48			
00:06:09		4380.9	4480.98			
00:06:00	116.8	4738.2	4751.53			
00:05:51		4738.2	4751.92			
00:05:42		4738.2	4751.92			
00:05:33	116.9	4738.2	4751.89			
00:05:24		4722.0	4735.79			
00:05:15		4722.1	4735.81			
00:05:06	116.9	4722.2	4735.90			
00:04:57		4722.2	4735.93			
00:04:48		4722.1	4735.91			
00:04:39		4722.1	4735.86			
00:04:30	116.9	4722.0	4735.77			
00:04:21		4721.5	4735.19			
00:04:12		4716.5	4730.50			
00:04:03	116.9	4717.1	4731.46			
00:03:54		4728.7	4742.45			
00:03:45		4728.0	4743.83			
00:03:36		4751.0	4764.48			
00:03:27	116.9	4745.8	4759.50			
00:03:18		4746.0	4759.75			
00:03:09		4746.0	4759.88			
00:03:00	117.0	4738.7	4754.11			
00:02:51		4739.5	4753.72			
00:02:42		4741.1	4754.91			
00:02:33	116.9	4741.1	4754.92			
00:02:24		4741.1	4754.93			
00:02:15		4741.0	4754.93			
00:02:06	116.9	4741.2	4755.01			
00:01:57		4741.1	4755.00			
00:01:48		4741.0	4754.91			
00:01:39		4741.0	4754.91			
00:01:30	117.0	4741.0	4754.90			
00:01:21		4741.0	4754.90			
00:01:12		4740.9	4754.90			
00:01:03	117.0	4740.9	4754.90			
00:00:54		4741.0	4754.89			
00:00:45		4740.9	4754.87			
00:00:36	117.0	4740.9	4754.87			
00:00:27		4740.9	4754.86			
00:00:18		4740.9	4754.85			
00:00:09		4740.9	4754.84			
00:00:00	117.0	4740.8	4754.81			

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

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

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

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

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

MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 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
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 22:44

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_145LTP	FN:230	PRODUCER	27−Nov−2004 18:02	2982.0 M	8.8 M

Output DLIS Files

DEFAULT	MDT_OFA_049PTP	FN:48	PRODUCER	27−Nov−2004 22:44

Input DLIS Files

DEFAULT	MDT_OFA_145LTP	FN:230	PRODUCER	27−Nov−2004 18:02	2982.0 M	8.8 M

Output DLIS Files

DEFAULT	MDT_OFA_049PTP	FN:48	PRODUCER	27−Nov−2004 22:44	2982.0 M	8.8 M

Elapsed Time (s)	Event Summary
3375.3	Retract Single Probe Module (MRPS) 1
3225.9	Pumping Stopped 23400.0 C3 Dual Up−down Pumpout Module (MRPOUD)
588.3	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
377.7	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
361.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
218.4	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
139.2	Probe Set @ 2982.0 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

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 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

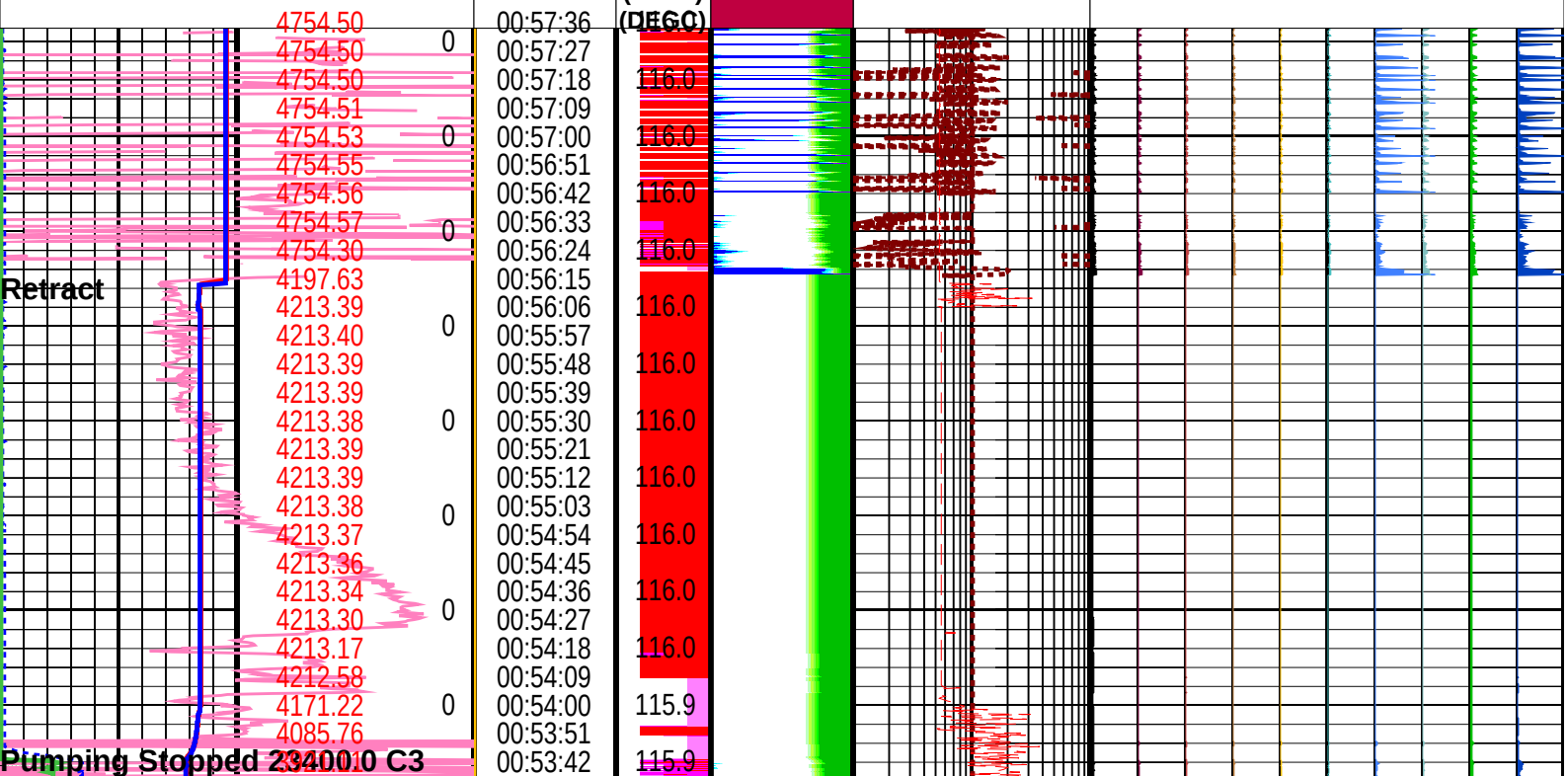
LFA Optical Density Channel 4 (FAOD_LFA[4])
−16 (---- 24

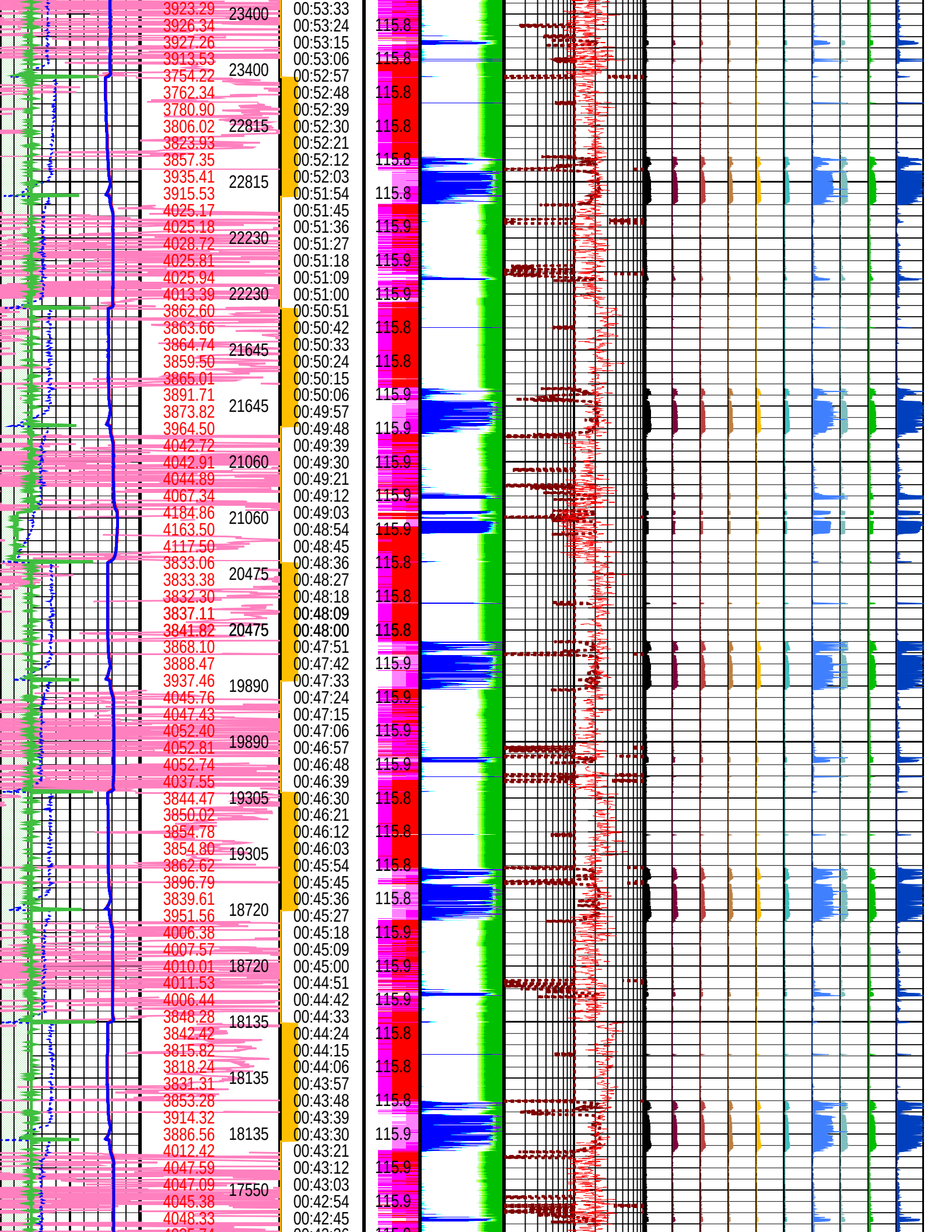
LFA Optical Density Channel 3 (FAOD_LFA[3])
−12 (---- 28

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




3923.29 23400 00:53:33
3926.34 00:53:24 115.8
3927.26 00:53:15
3913.53 00:53:06 115.8
3754.22 23400 00:52:57
3762.34 00:52:48 115.8
3780.90 00:52:39
3806.02 22815 00:52:30 115.8
3823.93 00:52:21
3857.35 00:52:12 115.8
3935.41 22815 00:52:03
3915.53 00:51:54 115.8
4025.17 00:51:45
4025.18 00:51:36 115.9
4028.72 22230 00:51:27
4025.81 00:51:18 115.9
4025.94 00:51:09
4013.39 22230 00:51:00 115.9
3862.60 00:50:51
3863.66 00:50:42 115.8
3864.74 21645 00:50:33
3859.50 00:50:24 115.8
3865.01 00:50:15
3891.71 21645 00:50:06 115.9
3873.82 00:49:57
3964.50 00:49:48 115.9
4042.72 00:49:39
4042.91 21060 00:49:30 115.9
4044.89 00:49:21
4067.34 00:49:12 115.9
4184.86 21060 00:49:03
4163.50 00:48:54 115.9
4117.50 00:48:45
3833.06 20475 00:48:36 115.8
3833.38 00:48:27
3832.30 00:48:18 115.8
3837.11 00:48:09
3841.82 20475 00:48:00 115.8
3868.10 00:47:51
3888.47 00:47:42 115.9
3937.46 19890 00:47:33
4045.76 00:47:24 115.9
4047.43 00:47:15
4052.40 19890 00:47:06 115.9
4052.81 00:46:57
4052.74 00:46:48 115.9
4037.55 00:46:39
3844.47 19305 00:46:30 115.8
3850.02 00:46:21
3854.78 00:46:12 115.8
3854.80 19305 00:46:03
3862.62 00:45:54 115.8
3896.79 00:45:45
3839.61 18720 00:45:36 115.8
3951.56 00:45:27
4006.38 00:45:18 115.9
4007.57 00:45:09
4010.01 18720 00:45:00 115.9
4011.53 00:44:51
4006.44 00:44:42 115.9
3848.28 18135 00:44:33
3842.42 00:44:24 115.8
3815.82 00:44:15
3818.24 18135 00:44:06 115.8
3831.31 00:43:57
3853.28 00:43:48 115.8
3914.32 00:43:39
3886.56 18135 00:43:30 115.9
4012.42 00:43:21
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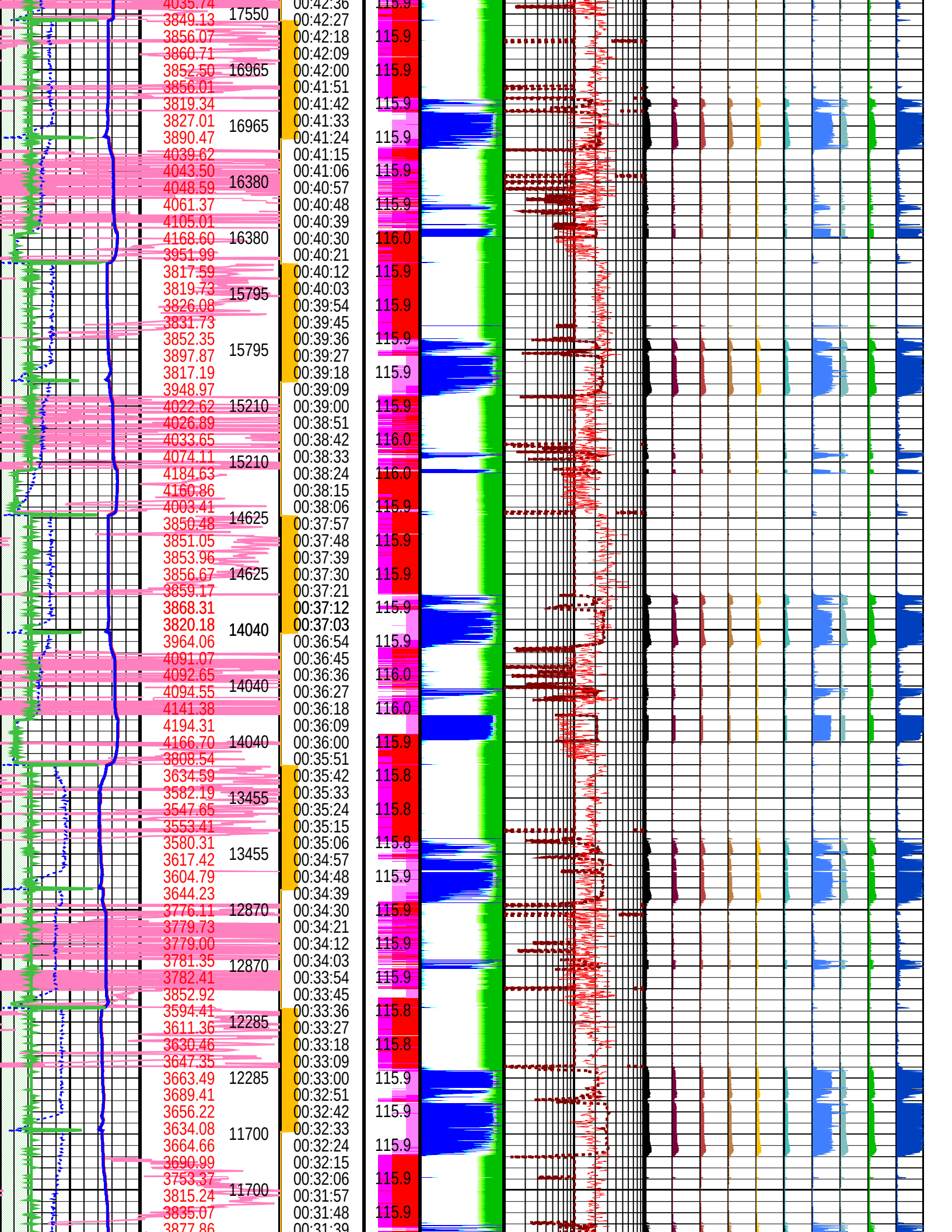
4045.38 00:42:54 115.9
4048.33 00:42:45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3852.50 16965 00:42:00 115.9
3856.01 00:41:51
3819.34 00:41:42 115.9
3827.01 16965 00:41:33
3890.47 00:41:24 115.9
4039.62 00:41:15
4043.50 00:41:06 115.9
4048.59 16380 00:40:57
4061.37 00:40:48 115.9
4105.01 00:40:39
4168.60 16380 00:40:30 116.0
3951.99 00:40:21
3817.59 00:40:12 115.9
3819.73 15795 00:40:03
3826.08 00:39:54 115.9
3831.73 00:39:45
3852.35 00:39:36 115.9
3897.87 15795 00:39:27
3817.19 00:39:18 115.9
3948.97 00:39:09
4022.62 15210 00:39:00 115.9
4026.89 00:38:51
4033.65 00:38:42 116.0
4074.11 15210 00:38:33
4184.63 00:38:24 116.0
4160.86 00:38:15
4003.41 00:38:06 115.9
3850.48 14625 00:37:57
3851.05 00:37:48 115.9
3853.96 00:37:39
3856.67 14625 00:37:30 115.9
3859.17 00:37:21
3868.31 00:37:12 115.9
3820.18 14040 00:37:03
3964.06 00:36:54 115.9
4091.07 00:36:45
4092.65 00:36:36 116.0
4094.55 14040 00:36:27
4141.38 00:36:18 116.0
4194.31 00:36:09
4166.70 14040 00:36:00 115.9
3808.54 00:35:51
3634.59 00:35:42 115.8
3582.19 13455 00:35:33
3547.65 00:35:24 115.8
3553.41 00:35:15
3580.31 00:35:06 115.8
3617.42 13455 00:34:57
3604.79 00:34:48 115.9
3644.23 00:34:39
3776.11 12870 00:34:30 115.9
3779.73 00:34:21
3779.00 00:34:12 115.9
3781.35 12870 00:34:03
3782.41 00:33:54 115.9
3852.92 00:33:45
3594.41 00:33:36 115.8
3611.36 12285 00:33:27
3630.46 00:33:18 115.8
3647.35 00:33:09
3663.49 12285 00:33:00 115.9
3689.41 00:32:51
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3634.08 11700 00:32:33
3664.66 00:32:24 115.9
3690.99 00:32:15
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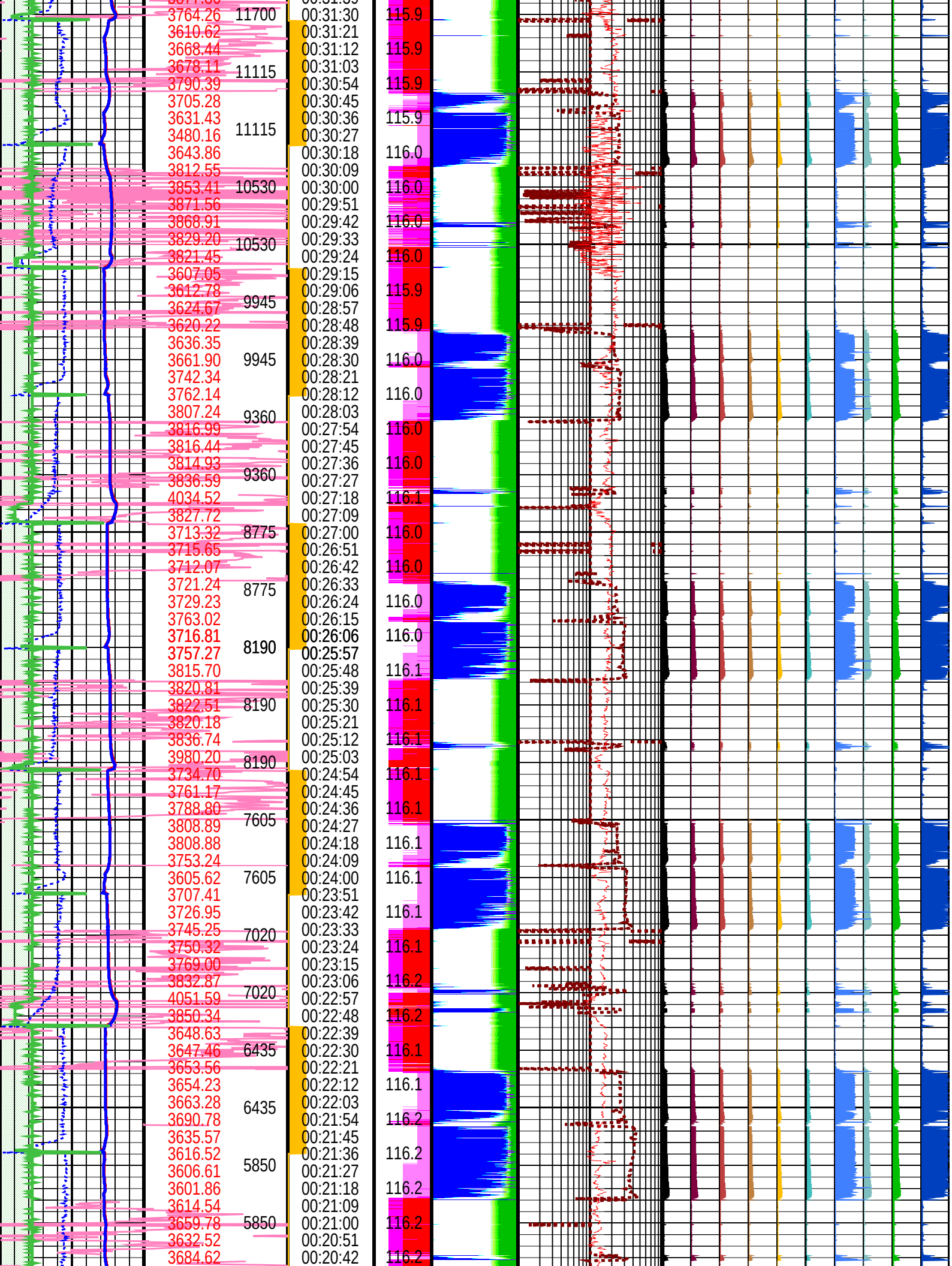
3815.24 11700 00:31:57
3835.07 00:31:48 115.9
3877.86 00:31:39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3668.44 00:31:12 115.9
3678.11 11115 00:31:03
3790.39 00:30:54 115.9
3705.28 00:30:45
3631.43 11115 00:30:36 115.9
3480.16 00:30:27
3643.86 00:30:18 116.0
3812.55 00:30:09
3853.41 10530 00:30:00 116.0
3871.56 00:29:51
3868.91 00:29:42 116.0
3829.20 10530 00:29:33
3821.45 00:29:24 116.0
3607.05 00:29:15
3612.78 00:29:06 115.9
3624.67 9945 00:28:57
3620.22 00:28:48 115.9
3636.35 00:28:39
3661.90 9945 00:28:30 116.0
3742.34 00:28:21
3762.14 00:28:12 116.0
3807.24 9360 00:28:03
3816.99 00:27:54 116.0
3816.44 00:27:45
3814.93 00:27:36 116.0
3836.59 9360 00:27:27
4034.52 00:27:18 116.1
3827.72 00:27:09
3713.32 8775 00:27:00 116.0
3715.65 00:26:51
3712.07 00:26:42 116.0
3721.24 8775 00:26:33
3729.23 00:26:24 116.0
3763.02 00:26:15
3716.81 8190 00:26:06 116.0
3757.27 00:25:57
3815.70 00:25:48 116.1
3820.81 00:25:39
3822.51 8190 00:25:30 116.1
3820.18 00:25:21
3836.74 00:25:12 116.1
3980.20 8190 00:25:03
3734.70 00:24:54 116.1
3761.17 00:24:45
3788.80 7605 00:24:36 116.1
3808.89 00:24:27
3808.88 00:24:18 116.1
3753.24 00:24:09
3605.62 7605 00:24:00 116.1
3707.41 00:23:51
3726.95 00:23:42 116.1
3745.25 7020 00:23:33
3750.32 00:23:24 116.1
3769.00 00:23:15
3832.87 7020 00:23:06 116.2
4051.59 00:22:57
3850.34 00:22:48 116.2
3648.63 00:22:39
3647.46 6435 00:22:30 116.1
3653.56 00:22:21
3654.23 00:22:12 116.1
3663.28 6435 00:22:03
3690.78 00:21:54 116.2
3635.57 00:21:45
3616.52 5850 00:21:36 116.2
3606.61 00:21:27
3601.86 00:21:18 116.2
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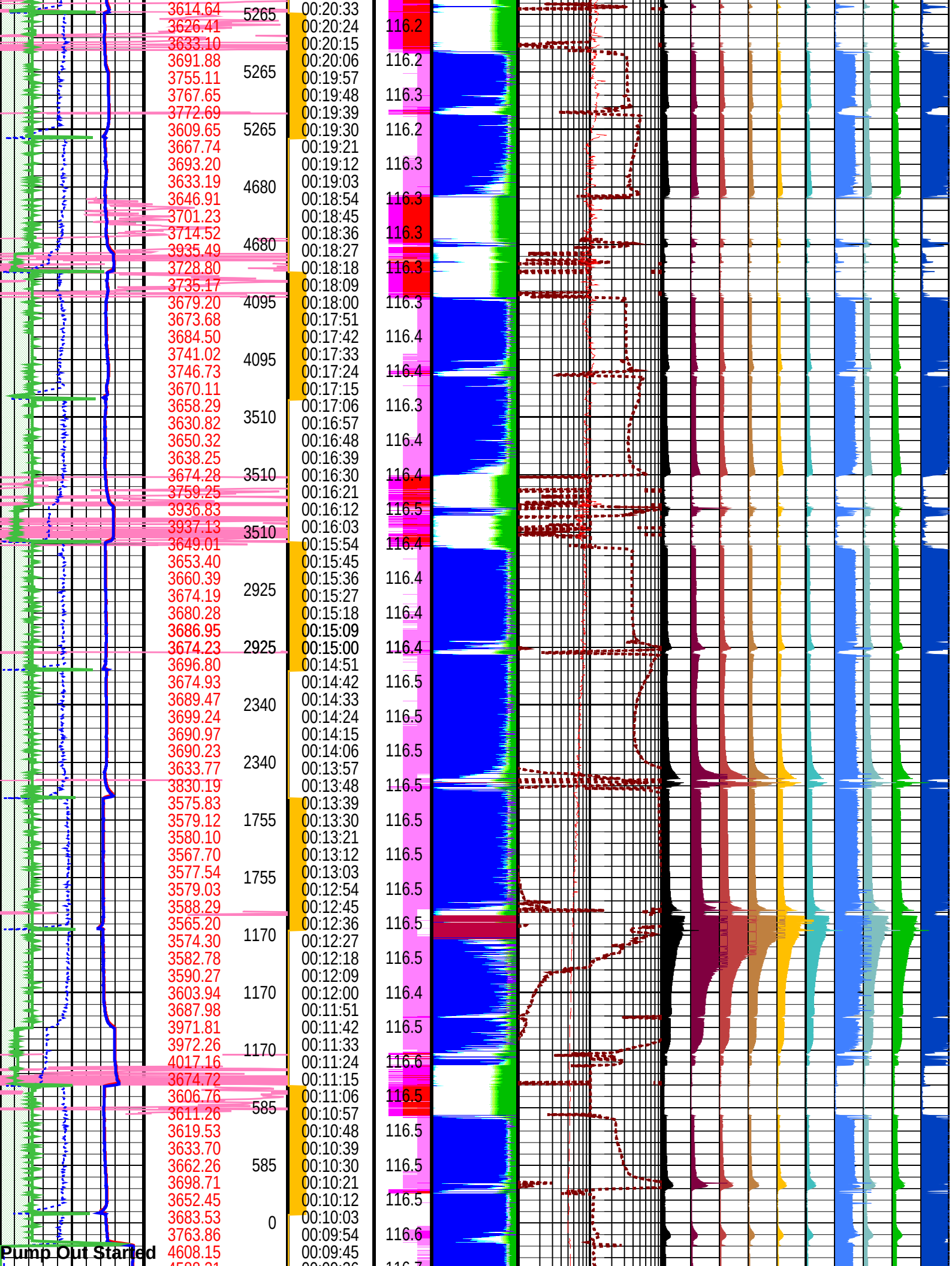
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3626.41
3633.10
3691.88
3755.11
3767.65
3772.69
3609.65
3667.74
3693.20
3633.19
3646.91
3701.23
3714.52
3935.49
3728.80
3735.17
3679.20
3673.68
3684.50
3741.02
3746.73
3670.11
3658.29
3630.82
3650.32
3638.25
3674.28
3759.25
3936.83
3937.13
3649.01
3653.40
3660.39
3674.19
3680.28
3686.95
3674.23
3696.80
3674.93
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3699.24
3690.97
3690.23
3633.77
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3606.76
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3763.86
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5265
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4680
4095
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1170
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116.2
116.2
116.3
116.2
116.3
116.3
116.3
116.3
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116.4
116.4
116.3
116.4
116.4
116.5
116.4
116.4
116.4
116.5
116.5
116.5
116.5
116.5
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116.6
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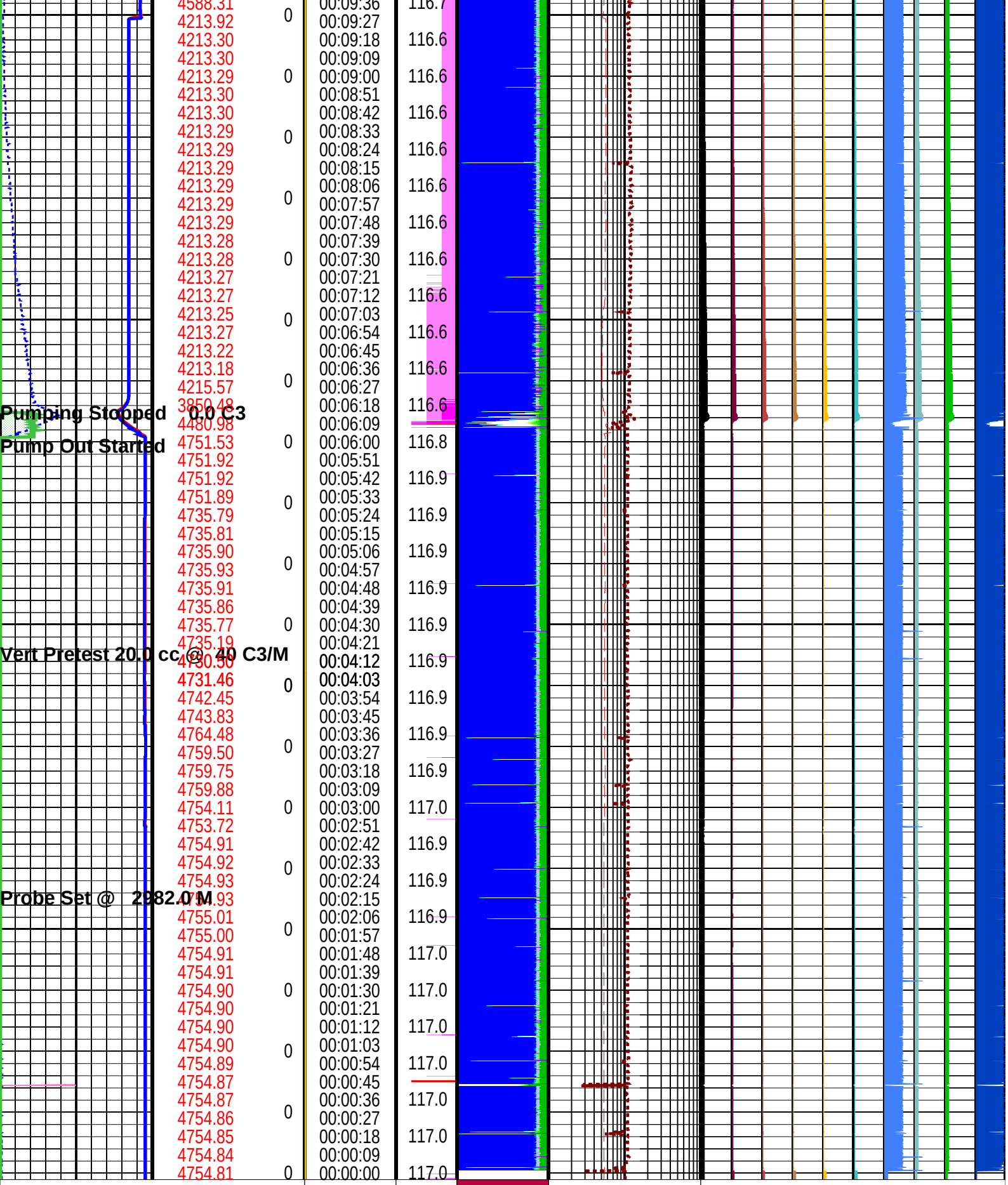
116.5
116.5
116.6
Pump Out Started



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
	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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: LFA_Station_with_MRPS-1 Vertical Scale: 1" per 60S Graphics File Created: 27-Nov-2004 22:44

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	MRMS_2	12C0-301
MRPC	12C0-301	SGT-L	12C0-301
TCC-BF	12C0-301		

Input DLIS Files

DEFAULT	MDT_OFA_145LTP	FN:230	PRODUCER	27−Nov−2004 18:02	2982.0 M	8.8 M

Output DLIS Files

DEFAULT	MDT_OFA_049PTP	FN:48	PRODUCER	27−Nov−2004 22:44

Schlumberger

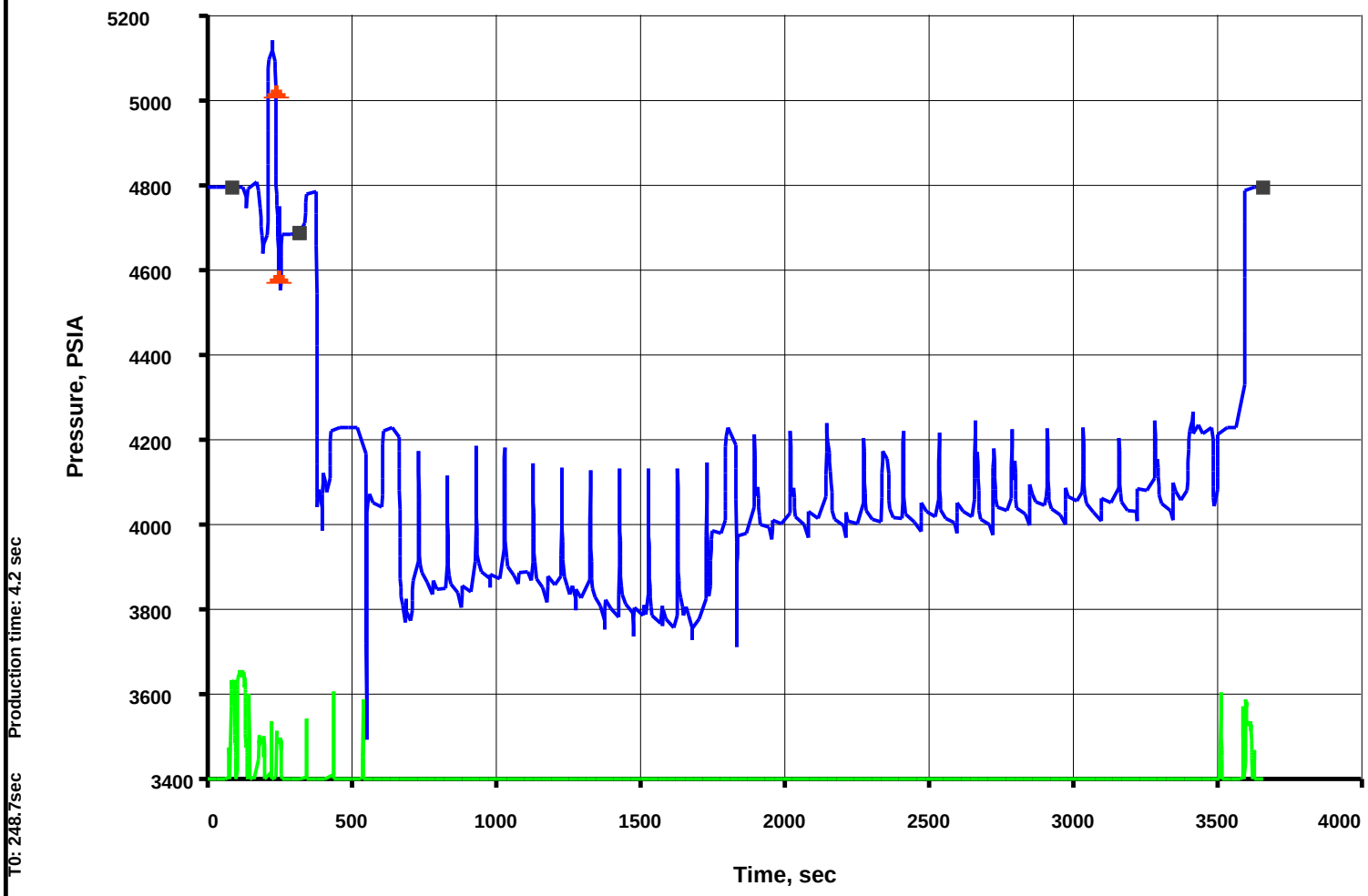
Sample @ 3006.5 mMD

MAXIS Field Log

File 144 Depth, M: 3006.47

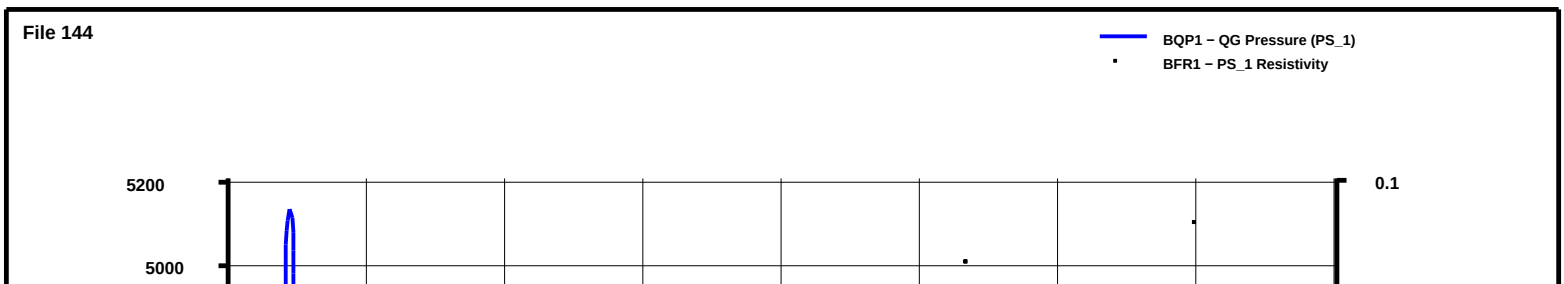
Normal Pretest − Large−Diameter probe

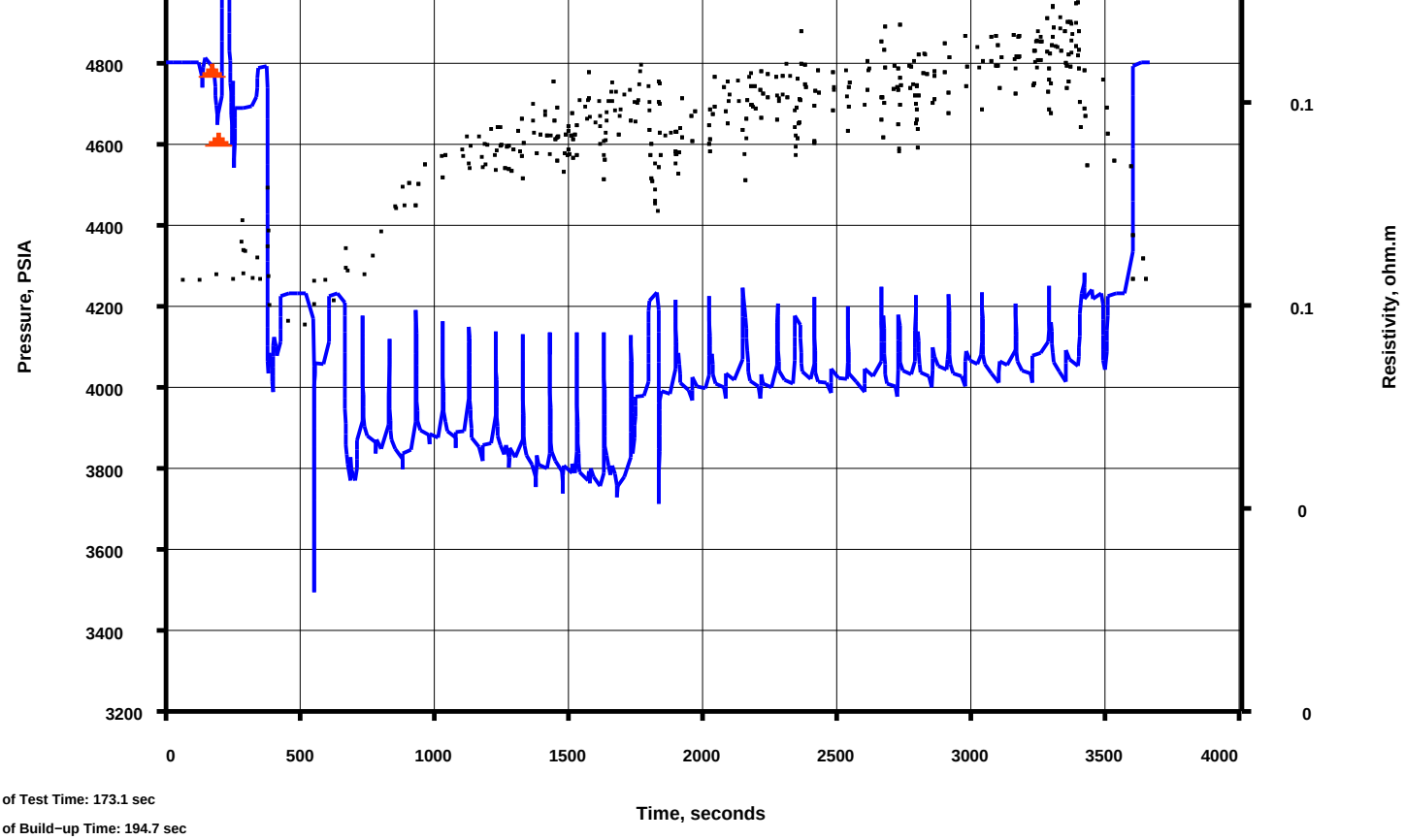
Mud Pressure before test, PSIA:	4794.1
Mud Pressure after test, PSIA:	4793.83
Last build−up pressure, PSIA:	4686.47
Draw−down mobility, md/cp:	24.7



Pretest Volume: 10.7cc − MRPS_1− BQP1 Resolution: 0.010psi

File 144





Start of Test Time: 173.1 sec

Start of Build−up Time: 194.7 sec

Reference pressure st start of build−up (BQP1) 4805.2 PSIA.

Input DLIS Files

DEFAULT	MDT_OFA_144LTP	FN:229	PRODUCER	27−Nov−2004 18:02	3006.5 M	9.4 M

Output DLIS Files

DEFAULT	MDT_OFA_048PTP	FN:47	PRODUCER	27−Nov−2004 22:25	3006.5 M	9.4 M

Elapsed Time (s)	Event Summary
3593.7	Retract Single Probe Module (MRPS) 1
3498.9	Pumping Stopped 15210.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3471.6	Seal Multi−Sample Module (MRMS) 2, bottle 1
3350.4	Open Multi−Sample Module (MRMS) 2, bottle 1, sample number = 1
1829.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
1811.4	Pumping Stopped 13455.0 C3 Dual Up−down Pumpout Module (MRPOUD)
546.9	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
425.7	Pumping Stopped 585.0 C3 Dual Up−down Pumpout Module (MRPOUD)
374.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
234.3	Vert Pretest 10.7 cc @ 40 C3/M Single Probe Module (MRPS) 1
173.1	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
100.5	Probe Set @ 3006.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)

100 (DEGC) 150

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

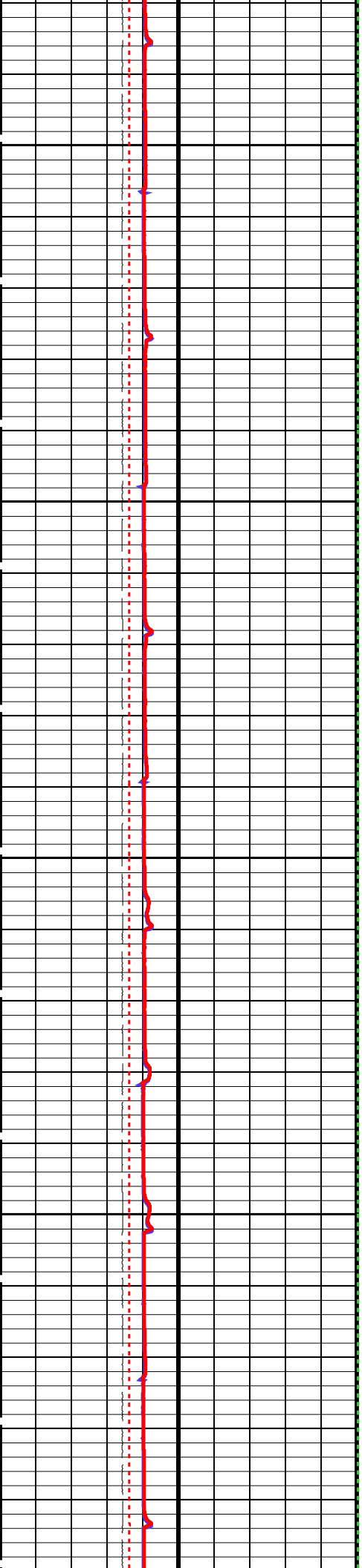
Retract

Pumping Stopped 15210.0 C3

Seal MRMS 2, bottle 1

Open MRMS 2, bottle 1

Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
01:01:21		4779.8	4793.83
01:01:12		4779.8	4793.83
01:01:03	117.1	4779.7	4793.83
01:00:54		4779.8	4793.84
01:00:45		4779.8	4793.84
01:00:36		4779.8	4793.86
01:00:27	117.1	4779.8	4793.91
01:00:18		4779.8	4793.94
01:00:09		4779.7	4793.91
01:00:00	117.1	4778.7	4793.14
00:59:51		4211.4	4222.93
00:59:42		4213.6	4227.34
00:59:33	117.1	4213.6	4227.34
00:59:24		4213.6	4227.34
00:59:15		4213.5	4227.34
00:59:06		4213.6	4227.34
00:58:57	117.1	4213.6	4227.33
00:58:48		4213.5	4227.32
00:58:39		4213.5	4227.31
00:58:30	117.1	4213.2	4226.94
00:58:21		4177.2	4156.13
00:58:12		4023.0	4037.86
00:58:03	117.1	4213.6	4227.08
00:57:54		4213.6	4227.45
00:57:45		4213.9	4227.84
00:57:36		4213.9	4227.48
00:57:27	117.1	4206.1	4231.42
00:57:18		4220.6	4233.90
00:57:09		4212.5	4226.38
00:57:00	117.1	4192.1	4198.71
00:56:51		4220.6	4233.94
00:56:42		4196.3	4208.08
00:56:33	117.0	4038.3	4051.35
00:56:24		4044.0	4056.52
00:56:15		4041.4	4057.85
00:56:06		4053.1	4065.60
00:55:57	117.1	4062.5	4077.86
00:55:48		4085.3	4099.20
00:55:39		4017.5	4032.02
00:55:30	117.0	4022.1	4036.02
00:55:21		4022.3	4037.23
00:55:12		4030.7	4043.75
00:55:03	117.0	4039.6	4053.60
00:54:54		4156.4	4165.10
00:54:45		4163.7	4228.59
00:54:36		4056.4	4067.72
00:54:27	117.0	4060.6	4073.83
00:54:18		4064.4	4075.40
00:54:09		4061.0	4075.92
00:54:00	117.1	4066.2	4077.69
00:53:51		4060.9	4079.50
00:53:42		4023.9	4004.74
00:53:33	117.1	4017.5	4032.06
00:53:24		4018.7	4032.77
00:53:15		4023.2	4035.75
00:53:06		4024.3	4040.52
00:52:57	117.0	4031.0	4043.03



00:52:48		4042.1	4059.90
00:52:39		4094.5	4062.12
00:52:30	117.0	4026.7	4042.88
00:52:21		4030.2	4045.08
00:52:12		4031.7	4048.67
00:52:03	117.1	4044.4	4054.74
00:51:54		4045.2	4058.73
00:51:45		4059.2	4066.73
00:51:36		4005.9	4019.00
00:51:27	117.0	4005.6	4020.75
00:51:18		4007.3	4022.19
00:51:09		4018.8	4036.15
00:51:00	117.0	4020.4	4033.63
00:50:51		4027.4	4041.68
00:50:42		4046.5	4062.93
00:50:33	117.0	4073.3	4081.64
00:50:24		4037.9	4050.03
00:50:15		4043.6	4055.29
00:50:06		4041.9	4054.41
00:49:57	117.0	4046.0	4061.07
00:49:48		4050.1	4064.87
00:49:39		4060.3	4075.99
00:49:30	117.0	4005.3	4018.97
00:49:21		4005.7	4022.28
00:49:12		4012.3	4026.03
00:49:03	117.0	4019.6	4037.30
00:48:54		4014.6	4031.03
00:48:45		4017.7	4036.62
00:48:36		4040.6	4065.87
00:48:27	117.1	4057.2	4062.64
00:48:18		4033.9	4045.44
00:48:09		4031.6	4045.30
00:48:00	117.1	4033.7	4048.37
00:47:51		4035.7	4051.88
00:47:42		4044.5	4061.31
00:47:33	117.0	4085.7	4105.65
00:47:24		4004.4	4020.81
00:47:15		4010.5	4024.69
00:47:06		4011.1	4023.53
00:46:57	117.0	4014.5	4025.45
00:46:48		4016.9	4033.17
00:46:39		4122.1	4149.03
00:46:30	117.1	4120.6	4158.84
00:46:21		4016.4	4027.00
00:46:12		4016.6	4029.07
00:46:03	117.0	4018.6	4029.68
00:45:54		4017.6	4029.29
00:45:45		4018.6	4033.42
00:45:36		4032.2	4050.68
00:45:27	117.1	4168.0	4184.12
00:45:18		3991.0	4004.21
00:45:09		3986.0	3999.91
00:45:00	117.0	3989.9	4004.63
00:44:51		3991.8	4007.08
00:44:42		3995.0	4010.36
00:44:33	117.1	4044.0	4078.99
00:44:24		4098.7	4120.65
00:44:15		4004.2	4020.58
00:44:06		4009.9	4021.20
00:43:57	117.1	4010.6	4022.25
00:43:48		4014.7	4029.59
00:43:39		4015.8	4029.83
00:43:30	117.1	4029.0	4044.47
00:43:21		4040.1	4057.51
00:43:12		3990.1	4002.84
00:43:03	117.1	3987.8	4004.28
00:42:54		3994.2	4006.62
00:42:45		3998.9	4012.95
00:42:36		4004.1	4017.95
00:42:27	117.1	4005.2	4017.61
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00:42:09		3998.2	4012.35
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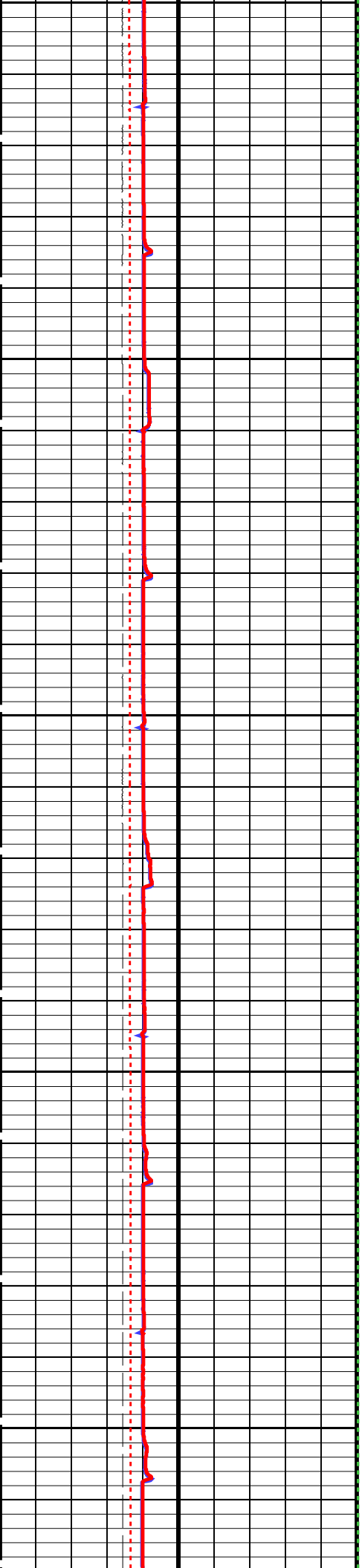

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00:41:06		3987.6	4000.96
00:40:57	117.1	3997.1	4008.32
00:40:48		3992.4	4006.55
00:40:39		3994.6	4008.43
00:40:30	117.1	3996.6	4011.02
00:40:21		4004.9	4018.15
00:40:12		4217.2	4194.28
00:40:03	117.0	4000.3	4013.22
00:39:54		4004.3	4015.23
00:39:45		4004.2	4018.55
00:39:36		4006.8	4020.44
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00:39:09		4143.3	4157.85
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00:38:24		3997.5	4012.88
00:38:15		4007.1	4018.13
00:38:06		4012.3	4026.20
00:37:57	117.1	4090.2	4146.40
00:37:48		3981.2	3997.09
00:37:39		3986.0	4002.30
00:37:30	117.1	3986.0	4000.44
00:37:21		3987.9	3999.31
00:37:12		3988.5	4001.28
00:37:03	117.1	3984.7	4003.36
00:36:54		4025.2	4027.77
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00:36:36		3984.7	4000.74
00:36:27	117.1	3990.6	4004.44
00:36:18		3993.0	4006.80
00:36:09		4004.5	4021.62
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00:35:51		4180.6	4194.77
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00:35:24		4002.8	4013.16
00:35:15		3998.8	4015.26
00:35:06		4008.6	4022.96
00:34:57	117.1	4014.7	4027.22
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00:34:39		3982.9	3996.59
00:34:30	117.1	3987.0	3999.78
00:34:21		3987.8	4000.96
00:34:12		3991.0	4005.13
00:34:03	117.1	3992.7	4006.82
00:33:54		4036.0	4073.29
00:33:45		4054.9	4074.74
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00:32:15		3973.0	3987.02
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00:31:57	117.1	3983.8	4000.51
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00:31:39		4052.8	4080.45
00:31:30	117.1	3966.0	3980.44
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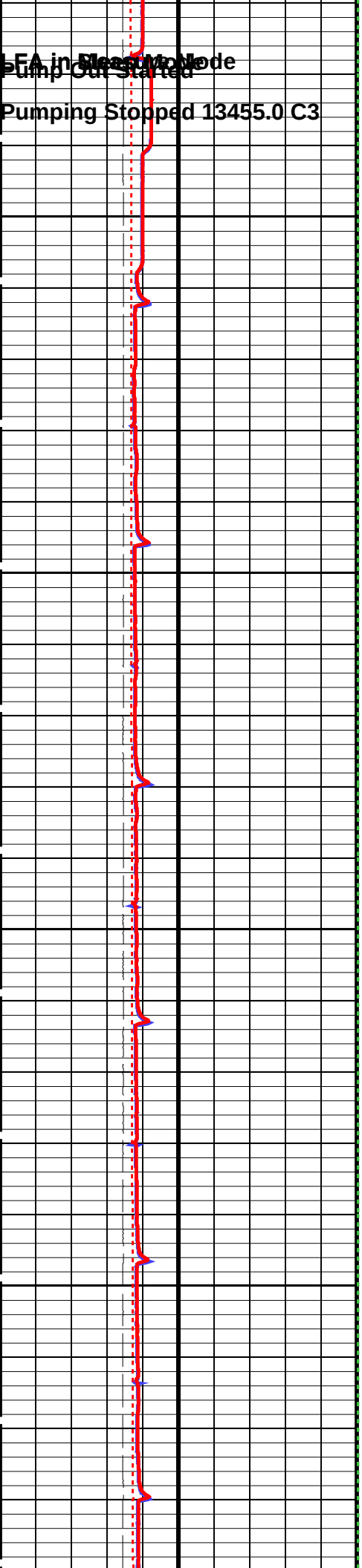

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00:30:18		4215.6		4229.54
00:30:09		4215.0		4228.82
00:30:00	117.2	4212.3		4221.50
00:29:51		3967.0		3984.72
00:29:42		3973.7		3981.51
00:29:33	117.2	3966.5		3975.58
00:29:24		3967.1		3979.17
00:29:15		3963.5		3978.33
00:29:06		3937.7		3933.95
00:28:57	117.2	3831.6		3849.48
00:28:48		3765.7		3776.23
00:28:39		3760.3		3776.12
00:28:30	117.2	3774.9		3784.97
00:28:21		3733.3		3747.32
00:28:12		3725.9		3743.03
00:28:03	117.2	3735.9		3753.93
00:27:54		3761.0		3779.10
00:27:45		3800.7		3814.49
00:27:36		3767.8		3782.19
00:27:27	117.2	3794.9		3812.09
00:27:18		3814.3		3830.59
00:27:09		4163.3		3930.18
00:27:00	117.2	3750.4		3766.70
00:26:51		3754.2		3767.15
00:26:42		3750.5		3764.71
00:26:33	117.2	3756.7		3772.69
00:26:24		3774.4		3792.52
00:26:15		3784.4		3794.89
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00:25:39		3775.8		3792.91
00:25:30	117.2	3925.2		4002.58
00:25:21		3769.3		3786.65
00:25:12		3788.5		3787.24
00:25:03	117.2	3790.5		3806.01
00:24:54		3783.1		3800.33
00:24:45		3800.7		3815.65
00:24:36		3768.5		3786.53
00:24:27	117.1	3784.4		3801.11
00:24:18		3792.9		3801.37
00:24:09		3809.4		3824.27
00:24:00	117.2	3808.8		3822.67
00:23:51		3886.7		3929.40
00:23:42		3773.2		3786.87
00:23:33	117.2	3788.7		3799.99
00:23:24		3787.4		3804.46
00:23:15		3798.8		3813.45
00:23:06		3799.3		3813.22
00:22:57	117.2	3754.3		3760.85
00:22:48		3787.5		3801.26
00:22:39		3800.2		3815.70
00:22:30	117.1	3800.6		3816.60
00:22:21		3820.9		3837.17
00:22:12		3856.6		3877.05
00:22:03	117.1	3805.4		3820.77
00:21:54		3807.4		3819.72
00:21:45		3812.1		3827.10
00:21:36		3812.1		3827.27
00:21:27	117.1	3825.7		3838.04
00:21:18		3842.4		3824.18
00:21:09		3852.9		3865.75
00:21:00	117.1	3819.8		3831.80
00:20:51		3822.4		3836.73
00:20:42		3851.6		3865.91
00:20:33	117.2	3882.3		3903.17
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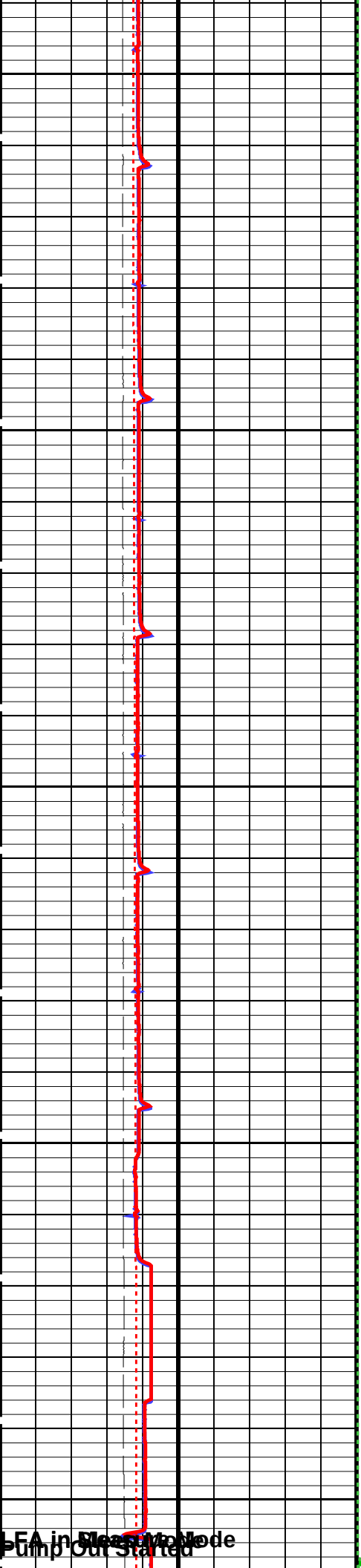

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00:19:30	117.1	3840.2	3853.16
00:19:21		3836.2	3852.63
00:19:12		3843.4	3858.60
00:19:03	117.1	3848.6	3864.95
00:18:54		3907.9	3923.67
00:18:45		3852.9	3867.22
00:18:36		3864.5	3878.75
00:18:27	117.1	3873.9	3887.14
00:18:18		3868.7	3883.73
00:18:09		3877.7	3883.87
00:18:00	117.1	3901.4	3885.99
00:17:51		3866.7	3879.85
00:17:42		3867.3	3880.97
00:17:33	117.1	3871.4	3887.12
00:17:24		3879.9	3895.10
00:17:15		3912.6	3930.23
00:17:06		3854.4	3867.02
00:16:57	117.1	3858.4	3871.06
00:16:48		3859.0	3877.56
00:16:39		3864.8	3876.03
00:16:30	117.1	3862.7	3875.76
00:16:21		3889.1	3862.74
00:16:12		3867.0	3881.63
00:16:03	117.1	3872.0	3885.23
00:15:54		3877.9	3889.25
00:15:45		3879.9	3896.10
00:15:36		3911.5	3934.46
00:15:27	117.1	3828.1	3844.69
00:15:18		3830.8	3843.27
00:15:09		3835.1	3847.74
00:15:00	117.2	3833.3	3847.65
00:14:51		3841.6	3850.81
00:14:42		3843.8	3834.97
00:14:33	117.2	3832.3	3846.54
00:14:24		3834.6	3848.44
00:14:15		3833.9	3847.44
00:14:06		3851.6	3859.82
00:13:57	117.2	3868.0	3888.45
00:13:48		3835.2	3851.27
00:13:39		3823.7	3840.87
00:13:30	117.2	3831.9	3843.23
00:13:21		3834.0	3846.03
00:13:12		3848.2	3858.65
00:13:03	117.2	3855.7	3875.91
00:12:54		3844.7	3857.92
00:12:45		3863.7	3883.66
00:12:36		3857.4	3872.70
00:12:27	117.2	3866.8	3880.69
00:12:18		3891.7	3908.42
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00:12:00	117.2	3865.9	3878.55
00:11:51		3827.4	3807.61
00:11:42		3778.6	3785.71
00:11:33	117.2	3779.4	3793.73
00:11:24		3785.5	3798.91
00:11:15		3814.5	3819.21
00:11:06		4051.2	4172.34
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00:10:48		4214.0	4227.31
00:10:39		4213.9	4227.28
00:10:30	117.2	4213.9	4227.27
00:10:21		4213.8	4227.21
00:10:12		4213.4	4226.76
00:10:03	117.2	4023.2	4034.29
00:09:54		4034.6	4045.03
00:09:45		4045.5	4055.42
00:09:36		4033.7	4059.91
00:09:27	117.3	4051.7	4060.41
00:09:18		4052.3	4065.47
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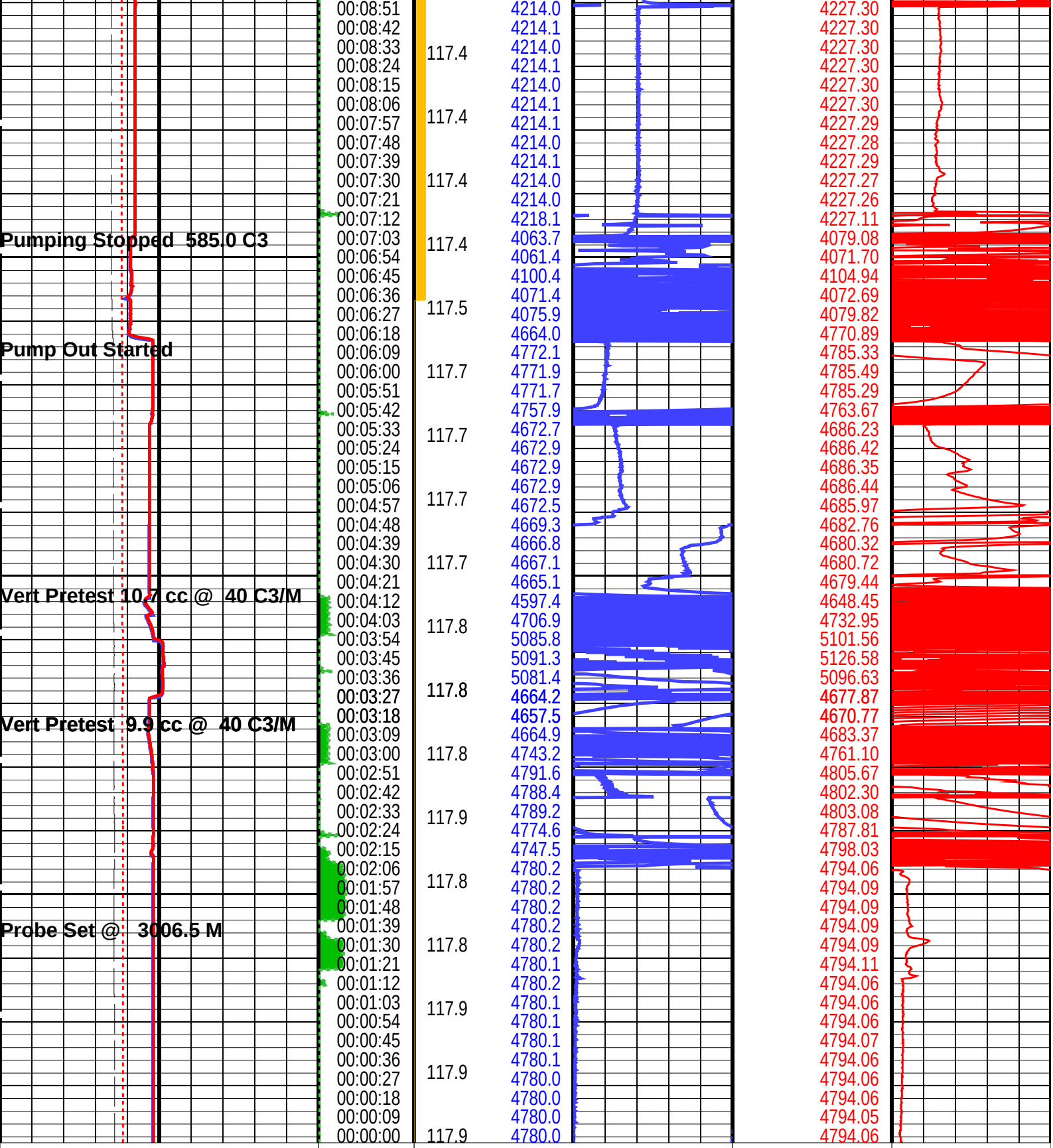
Pumping Stopped 585.0 C3
Pump Out Started
Vert Pretest 10.7 cc @ 40 C3/M
Vert Pretest 9.9 cc @ 40 C3/M
Probe Set @ 3006.5 M
00:08:51 4214.0 4227.30
00:08:42 4214.1 4227.30
00:08:33 117.4 4214.0 4227.30
00:08:24 4214.1 4227.30
00:08:15 4214.0 4227.30
00:08:06 4214.1 4227.30
00:07:57 117.4 4214.1 4227.29
00:07:48 4214.0 4227.28
00:07:39 4214.1 4227.29
00:07:30 117.4 4214.0 4227.27
00:07:21 4214.0 4227.26
00:07:12 4218.1 4227.11
00:07:03 117.4 4063.7 4079.08
00:06:54 4061.4 4071.70
00:06:45 4100.4 4104.94
00:06:36 4071.4 4072.69
00:06:27 117.5 4075.9 4079.82
00:06:18 4664.0 4770.89
00:06:09 4772.1 4785.33
00:06:00 117.7 4771.9 4785.49
00:05:51 4771.7 4785.29
00:05:42 4757.9 4763.67
00:05:33 117.7 4672.7 4686.23
00:05:24 4672.9 4686.42
00:05:15 4672.9 4686.35
00:05:06 4672.9 4686.44
00:04:57 117.7 4672.5 4685.97
00:04:48 4669.3 4682.76
00:04:39 4666.8 4680.32
00:04:30 117.7 4667.1 4680.72
00:04:21 4665.1 4679.44
00:04:12 4597.4 4648.45
00:04:03 117.8 4706.9 4732.95
00:03:54 5085.8 5101.56
00:03:45 5091.3 5126.58
00:03:36 5081.4 5096.63
00:03:27 117.8 4664.2 4677.87
00:03:18 4657.5 4670.77
00:03:09 4664.9 4683.37
00:03:00 117.8 4743.2 4761.10
00:02:51 4791.6 4805.67
00:02:42 4788.4 4802.30
00:02:33 117.9 4789.2 4803.08
00:02:24 4774.6 4787.81
00:02:15 4747.5 4798.03
00:02:06 4780.2 4794.06
00:01:57 117.8 4780.2 4794.09
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00:01:21 4780.1 4794.11
00:01:12 4780.2 4794.06
00:01:03 117.9 4780.1 4794.06
00:00:54 4780.1 4794.06
00:00:45 4780.1 4794.07
00:00:36 4780.1 4794.06
00:00:27 117.9 4780.0 4794.06
00:00:18 4780.0 4794.06
00:00:09 4780.0 4794.05
00:00:00 117.9 4780.0 4794.06
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
MRPS 1 Resistivity

(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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 22:25

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_144LTP	FN:229	PRODUCER	27−Nov−2004 18:02	3006.5 M	9.4 M

Output DLIS Files

DEFAULT	MDT_OFA_048PTP	FN:47	PRODUCER	27−Nov−2004 22:25

Input DLIS Files

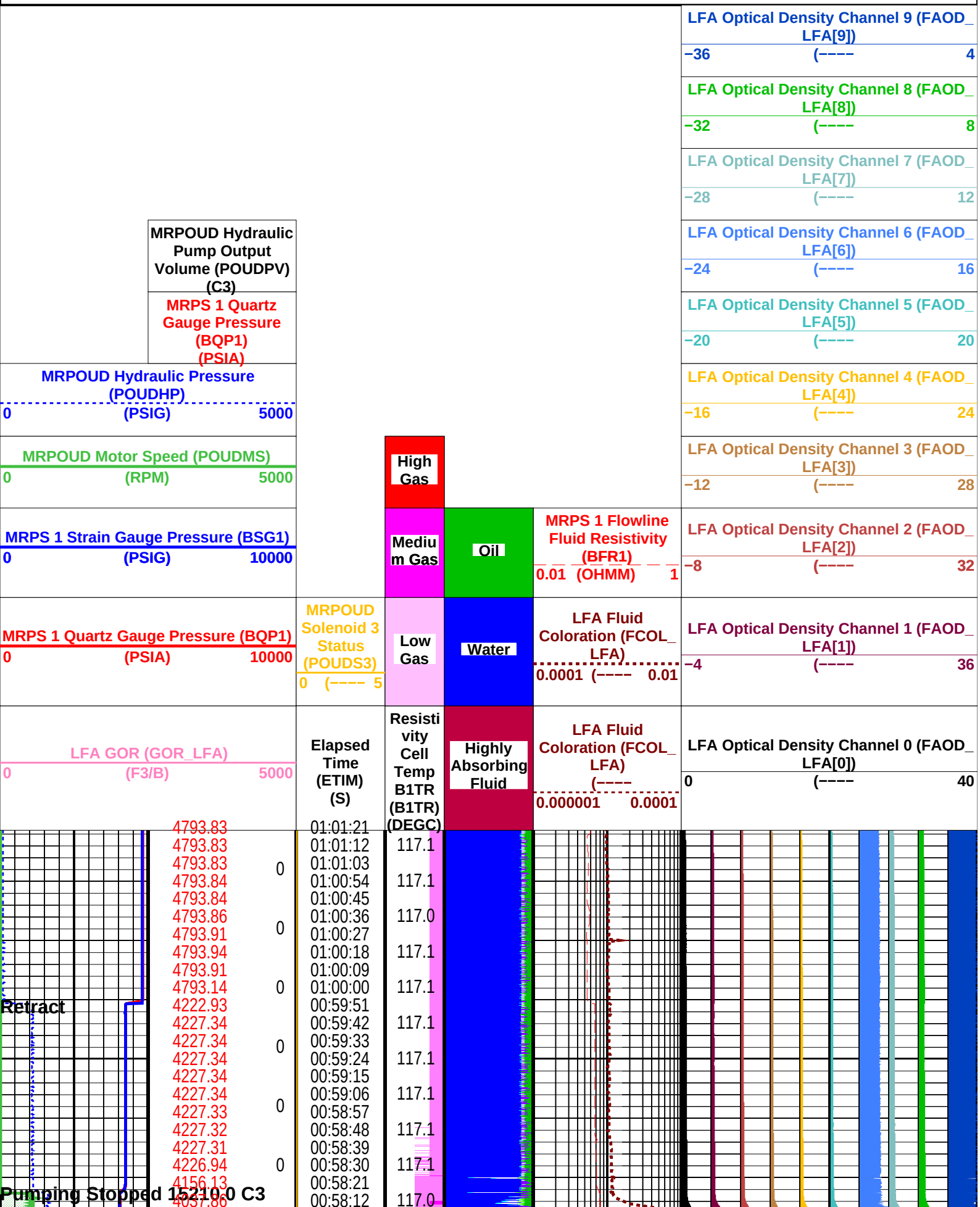
DEFAULT	MDT_OFA_144LTP	FN:229	PRODUCER	27−Nov−2004 18:02	3006.5 M	9.4 M

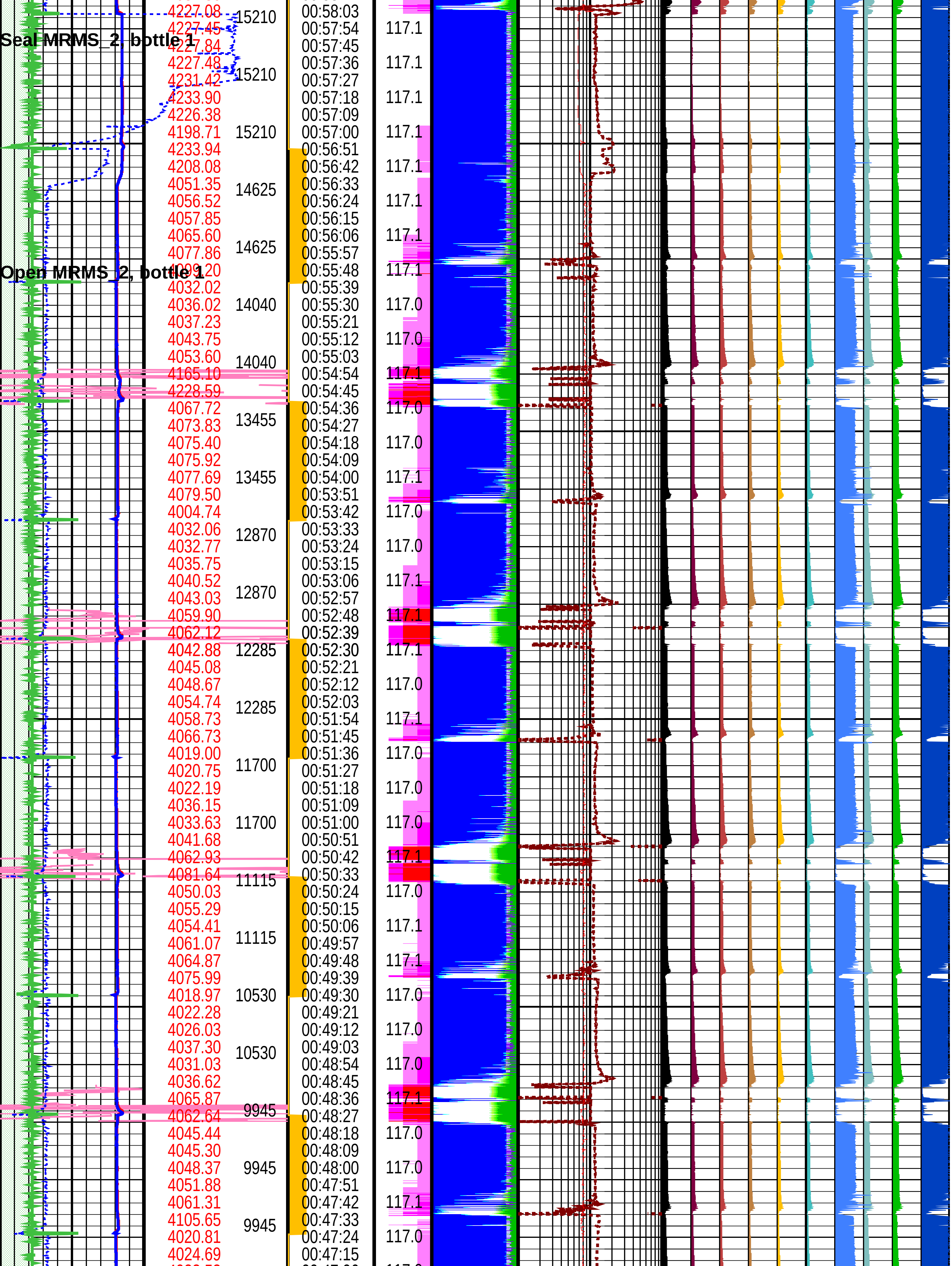
Output DLIS Files

DEFAULT	MDT_OFA_048PTP	FN:47	PRODUCER	27−Nov−2004 22:25	3006.5 M	9.4 M

Elapsed Time (s)	Event Summary
3593.7	Retract Single Probe Module (MRPS) 1
3498.9	Pumping Stopped 15210.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3471.6	Seal Multi−Sample Module (MRMS) 2, bottle 1
3350.4	Open Multi−Sample Module (MRMS) 2, bottle 1, sample number = 1
1829.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
1811.4	Pumping Stopped 13455.0 C3 Dual Up−down Pumpout Module (MRPOUD)
546.9	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
425.7	Pumping Stopped 585.0 C3 Dual Up−down Pumpout Module (MRPOUD)
374.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
234.3	Vert Pretest 10.7 cc @ 40 C3/M Single Probe Module (MRPS) 1

173.1	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
100.5	Probe Set @ 3006.5 M Single Probe Module (MRPS) 1




Seal MRMS_2, bottle 1
Open MRMS_2, bottle 1
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4227.84
4227.48
4231.42
4233.90
4226.38
4198.71
4233.94
4208.08
4051.35
4056.52
4057.85
4065.60
4077.86
4099.20
4032.02
4036.02
4037.23
4043.75
4053.60
4165.10
4228.59
4067.72
4073.83
4075.40
4075.92
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4040.52
4043.03
4059.90
4062.12
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4045.08
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4058.73
4066.73
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4036.15
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4062.93
4081.64
4050.03
4055.29
4054.41
4061.07
4064.87
4075.99
4018.97
4022.28
4026.03
4037.30
4031.03
4036.62
4065.87
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4045.44
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4048.37
4051.88
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4020.81
4024.69
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15210
14625
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117.1
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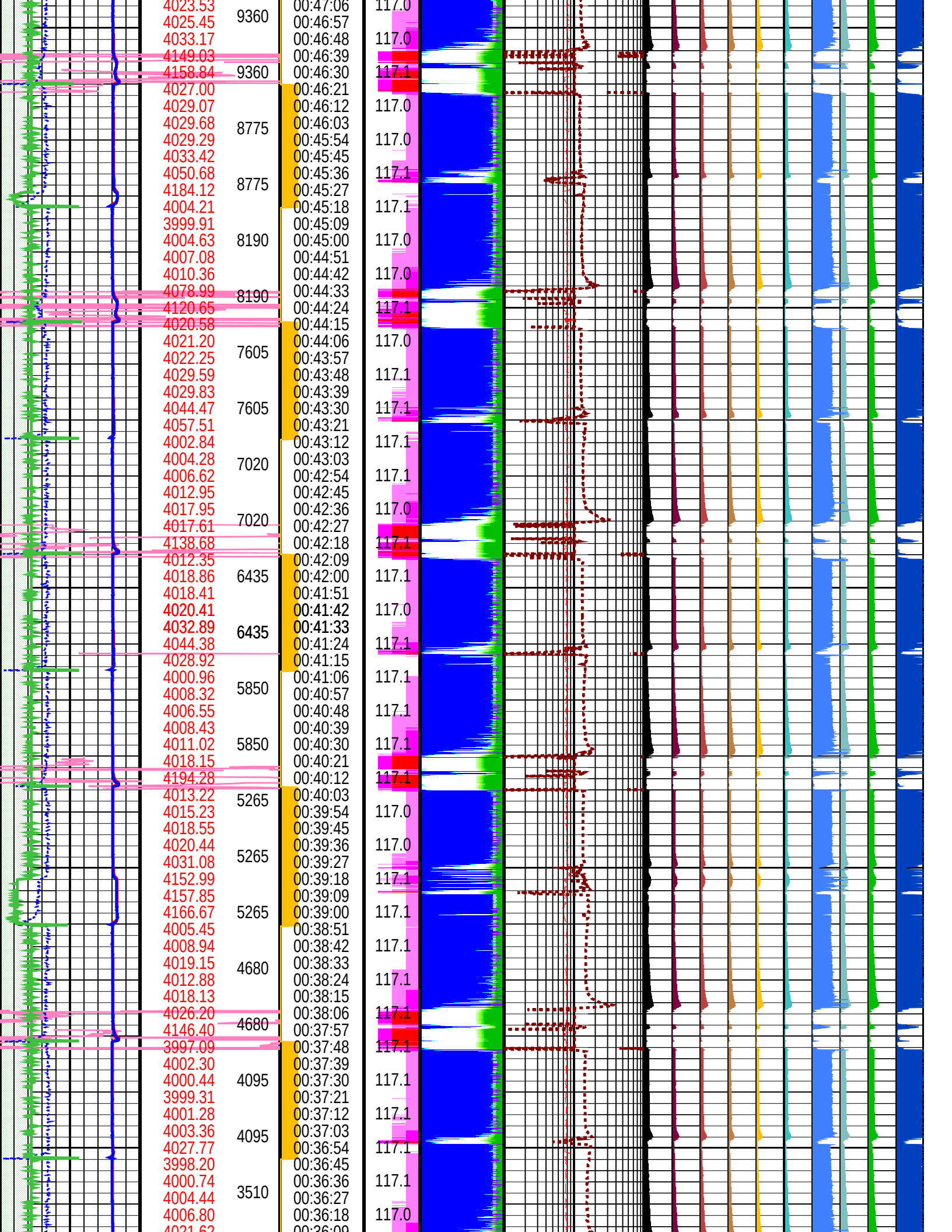
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4158.84
9360
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117.1
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4029.68
4029.29
8775
00:46:21
00:46:12
00:46:03
00:45:54
117.0
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4050.68
4184.12
8775
00:45:45
00:45:36
00:45:27
117.1
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3999.91
4004.63
4007.08
4010.36
8190
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00:45:09
00:45:00
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00:44:42
117.0
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4120.65
4020.58
8190
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00:44:24
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4022.25
7605
00:44:06
00:43:57
117.0
4029.59
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4044.47
4057.51
7605
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4006.62
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4008.32
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4008.43
4011.02
5850
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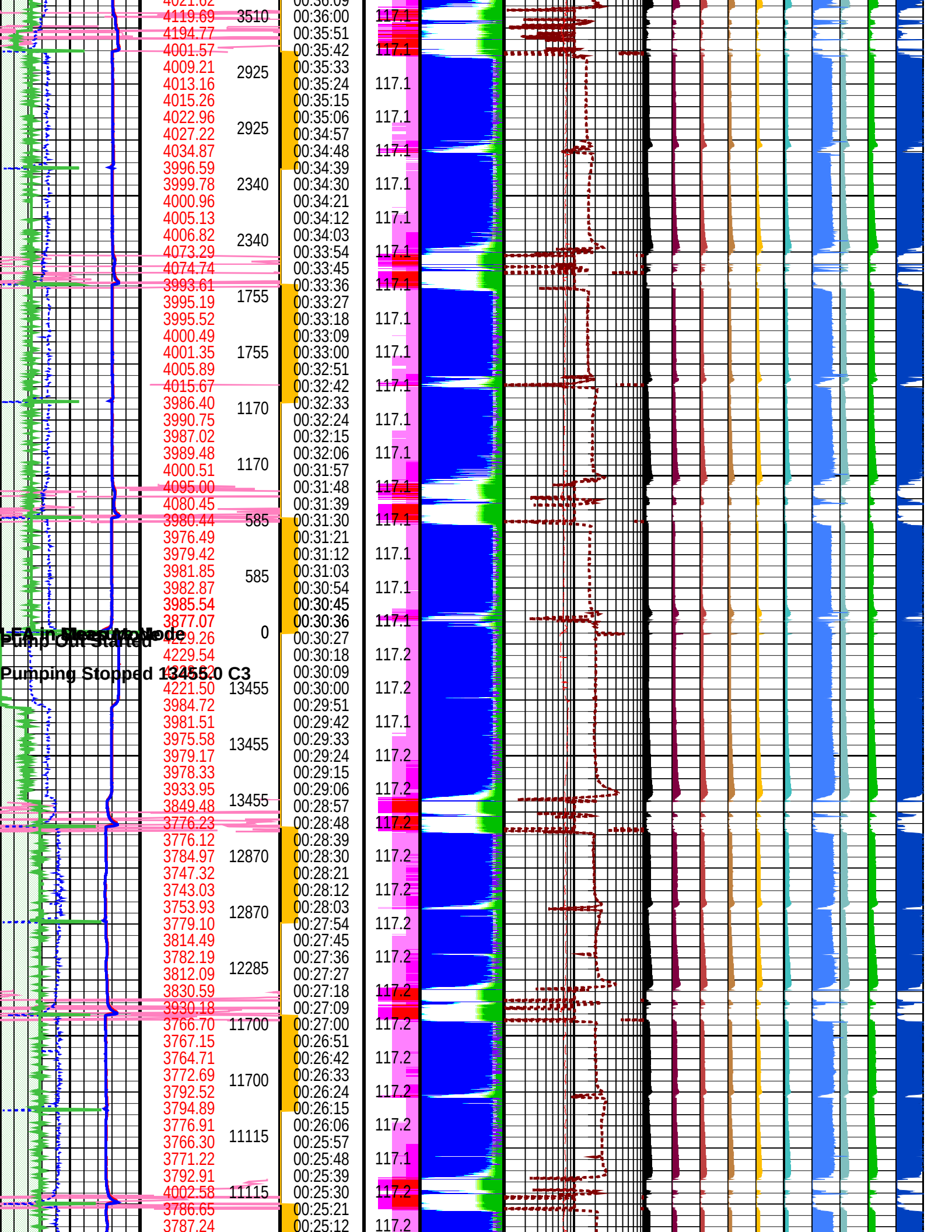
117.0


LFA in Mean Mode
Pump Out Started
Pumping Stopped 13455.0 C3
4119.69
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4009.21
4013.16
4015.26
4022.96
4027.22
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3999.78
4000.96
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3993.61
3995.19
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4000.49
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3978.33
3933.95
3849.48
3776.23
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3784.97
3747.32
3743.03
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3779.10
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3767.15
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3772.69
3792.52
3794.89
3776.91
3766.30
3771.22
3792.91
4002.58
3786.65
3787.24
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2925
2925
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2340
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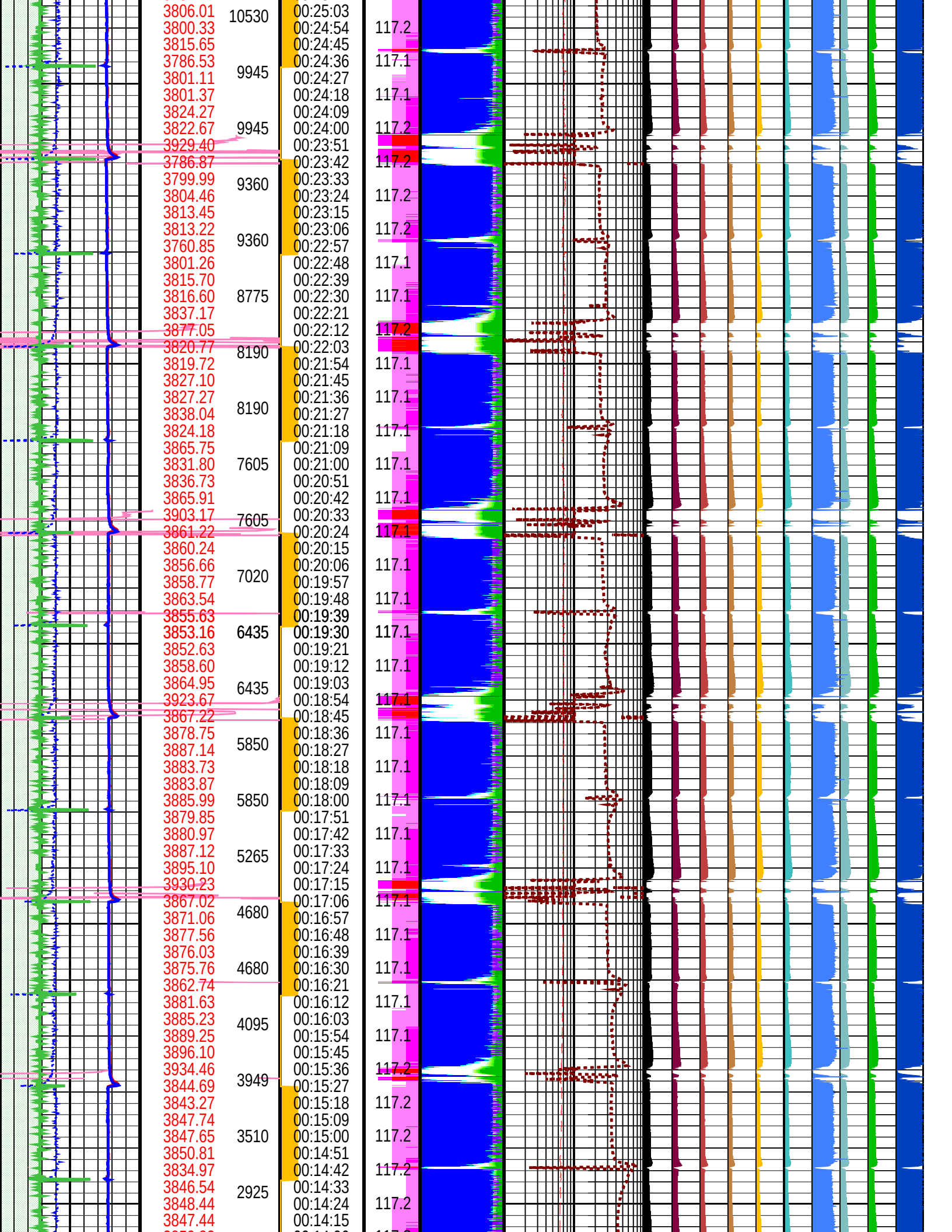
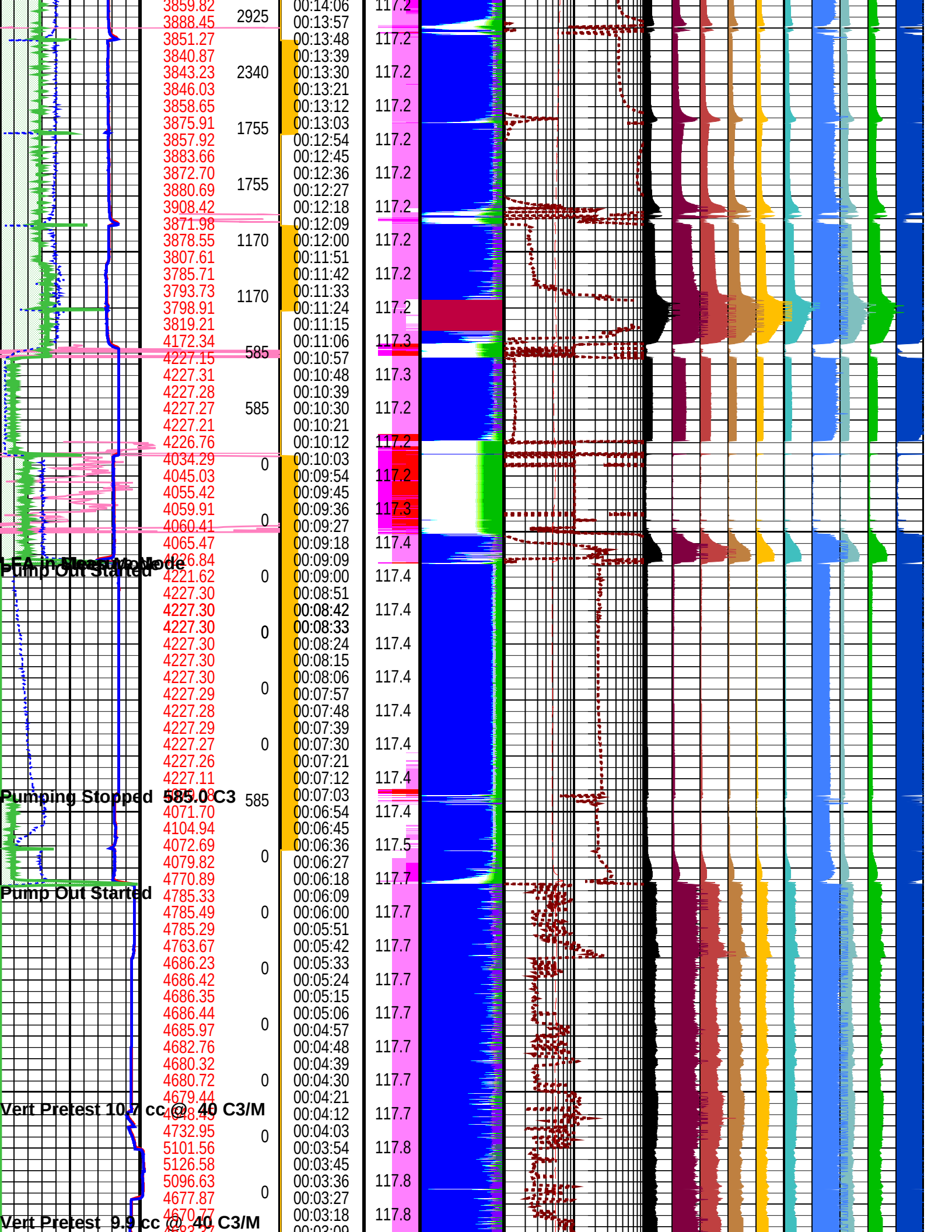
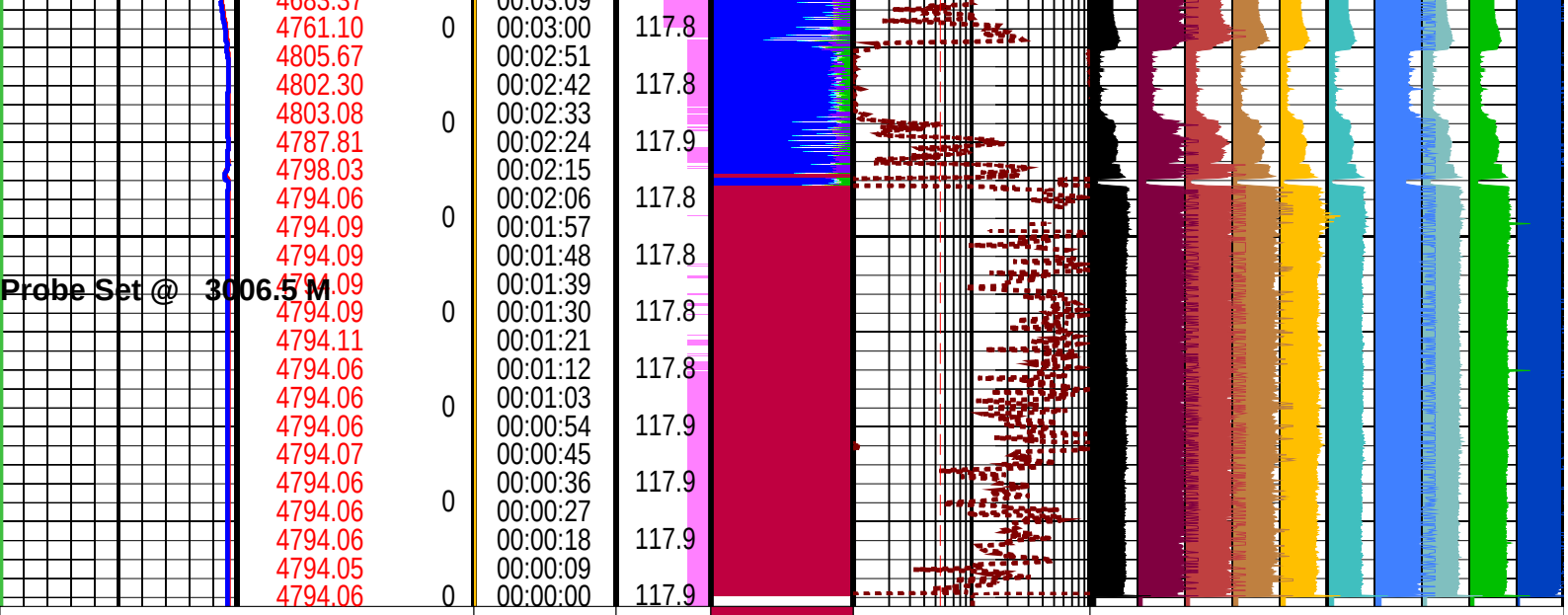
117.1
117.2


3806.01 10530 00:25:03
3800.33 00:24:54 117.2
3815.65 00:24:45
3786.53 00:24:36 117.1
3801.11 9945 00:24:27
3801.37 00:24:18 117.1
3824.27 00:24:09
3822.67 9945 00:24:00 117.2
3929.40 00:23:51
3786.87 00:23:42 117.2
3799.99 9360 00:23:33
3804.46 00:23:24 117.2
3813.45 00:23:15
3813.22 00:23:06 117.2
3760.85 9360 00:22:57
3801.26 00:22:48 117.1
3815.70 00:22:39
3816.60 8775 00:22:30 117.1
3837.17 00:22:21
3877.05 00:22:12 117.2
3820.77 8190 00:22:03
3819.72 00:21:54 117.1
3827.10 00:21:45
3827.27 00:21:36 117.1
3838.04 8190 00:21:27
3824.18 00:21:18 117.1
3865.75 00:21:09
3831.80 7605 00:21:00 117.1
3836.73 00:20:51
3865.91 00:20:42 117.1
3903.17 7605 00:20:33
3861.22 00:20:24 117.1
3860.24 00:20:15
3856.66 00:20:06 117.1
3858.77 7020 00:19:57
3863.54 00:19:48 117.1
3855.63 00:19:39
3853.16 6435 00:19:30 117.1
3852.63 00:19:21
3858.60 00:19:12 117.1
3864.95 6435 00:19:03
3923.67 00:18:54 117.1
3867.22 00:18:45
3878.75 00:18:36 117.1
3887.14 5850 00:18:27
3883.73 00:18:18 117.1
3883.87 00:18:09
3885.99 5850 00:18:00 117.1
3879.85 00:17:51
3880.97 00:17:42 117.1
3887.12 5265 00:17:33
3895.10 00:17:24 117.1
3930.23 00:17:15
3867.02 00:17:06 117.1
3871.06 4680 00:16:57
3877.56 00:16:48 117.1
3876.03 00:16:39
3875.76 4680 00:16:30 117.1
3862.74 00:16:21
3881.63 00:16:12 117.1
3885.23 4095 00:16:03
3889.25 00:15:54 117.1
3896.10 00:15:45
3934.46 00:15:36 117.2
3844.69 3949 00:15:27
3843.27 00:15:18 117.2
3847.74 00:15:09
3847.65 3510 00:15:00 117.2
3850.81 00:14:51
3834.97 00:14:42 117.2
3846.54 2925 00:14:33
3848.44 00:14:24 117.2
3847.44 00:14:15


LFA in Sleep Mode
Pump Out Started
Pumping Stopped 585.0 C3
Pump Out Started
Vert Pretest 10.7 cc @ 40 C3/M
Vert Pretest 9.9 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)

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

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: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	NORMAL	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 22:25

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_144LTP	FN:229	PRODUCER	27−Nov−2004 18:02	3006.5 M	9.4 M

Output DLIS Files

DEFAULT	MDT_OFA_048PTP	FN:47	PRODUCER	27−Nov−2004 22:25

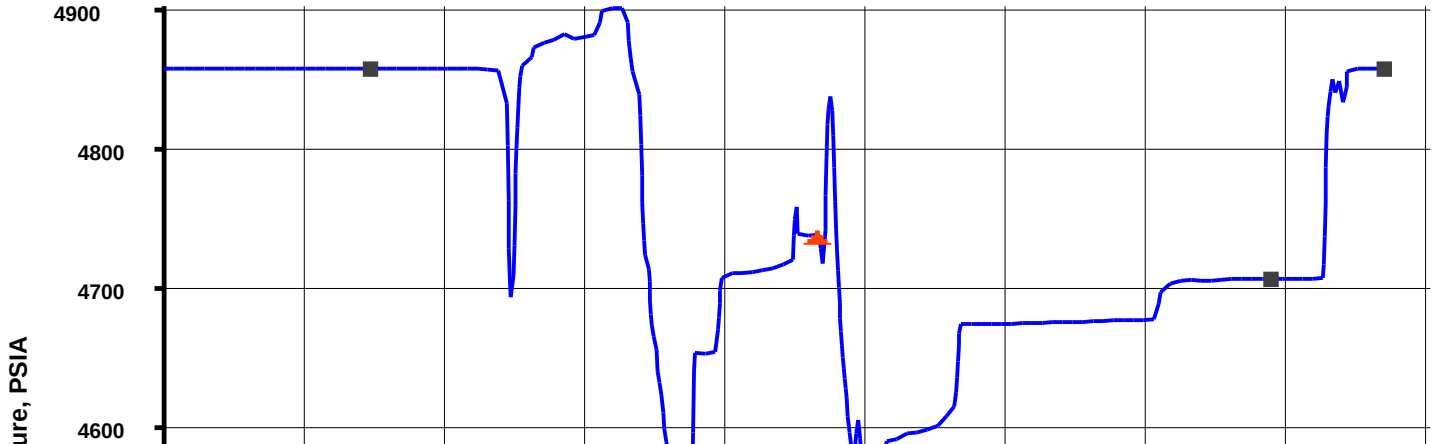
Schlumberger

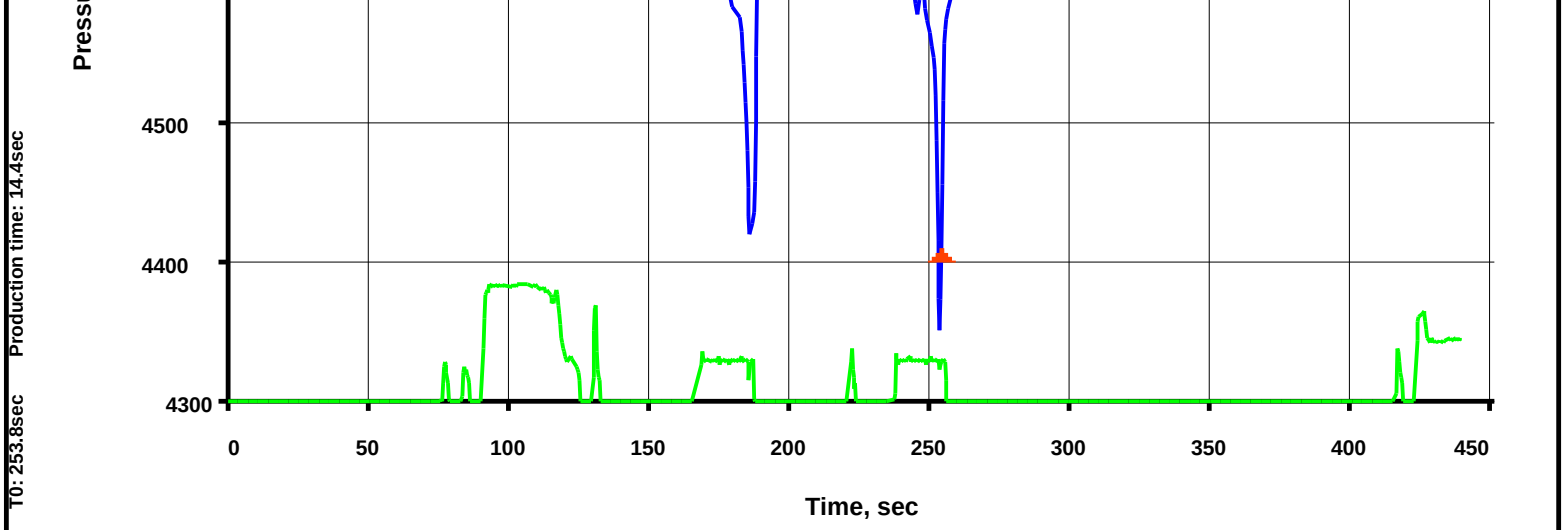
Pretest @ 3045.0 mMD

MAXIS Field Log

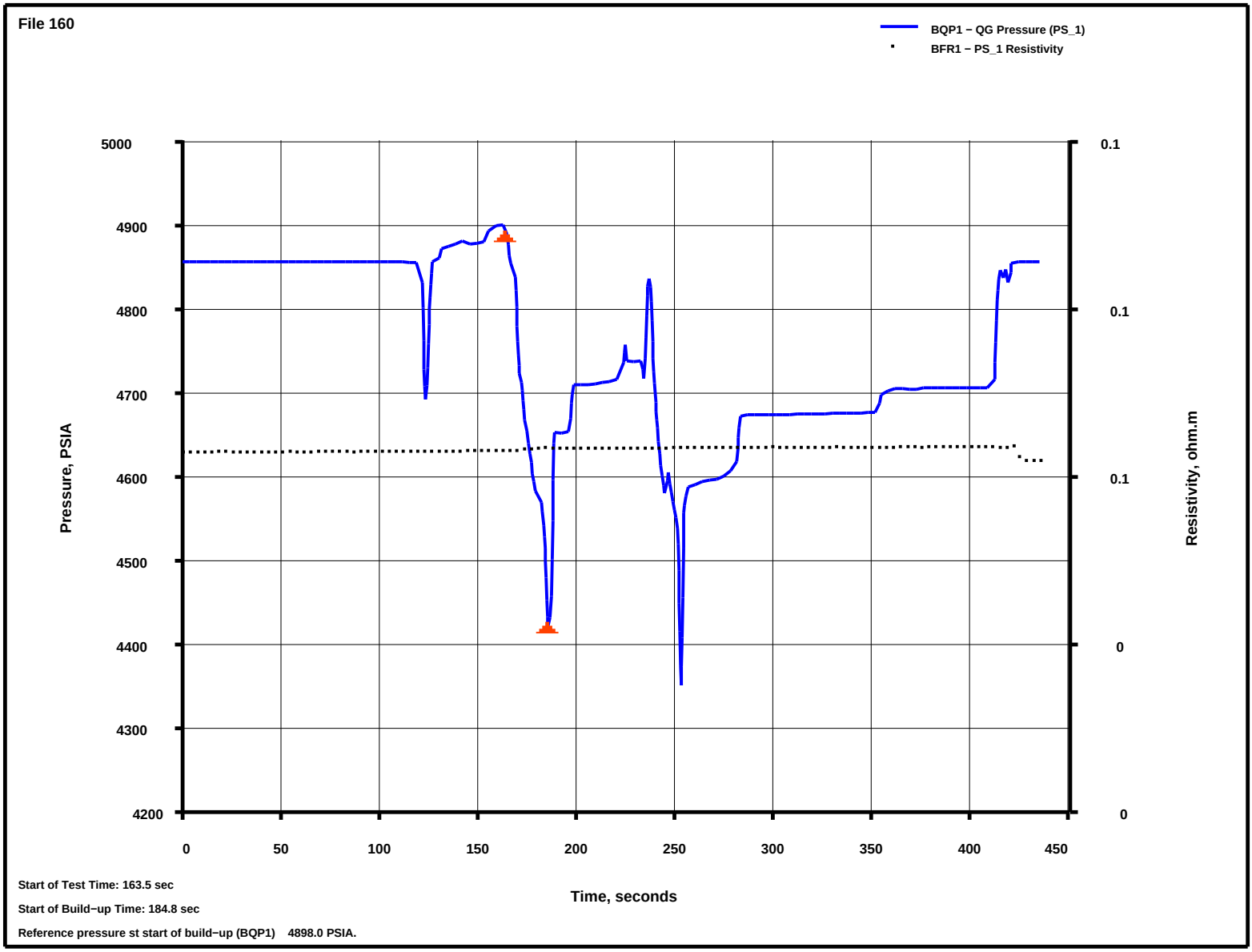
File 138 Depth, M: 3045.00 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	4855.25
Mud Pressure after test, PSIA:	4855.14
Last build−up pressure, PSIA:	4705.07
Draw−down mobility, md/cp:	3.2





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



Input DLIS Files

MDT_OFA_138LTP 27−Nov−2004 18:02

Output DLIS Files

DEFAULT	MDT_OFA_045PTP	FN:44	PRODUCER	27−Nov−2004 21:40	3045.0 M	1.2 M

Elapsed Time (s)	Event Summary
417.6	Retract Single Probe Module (MRPS) 1
232.2	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
163.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
86.7	Probe Set @ 3045.0 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

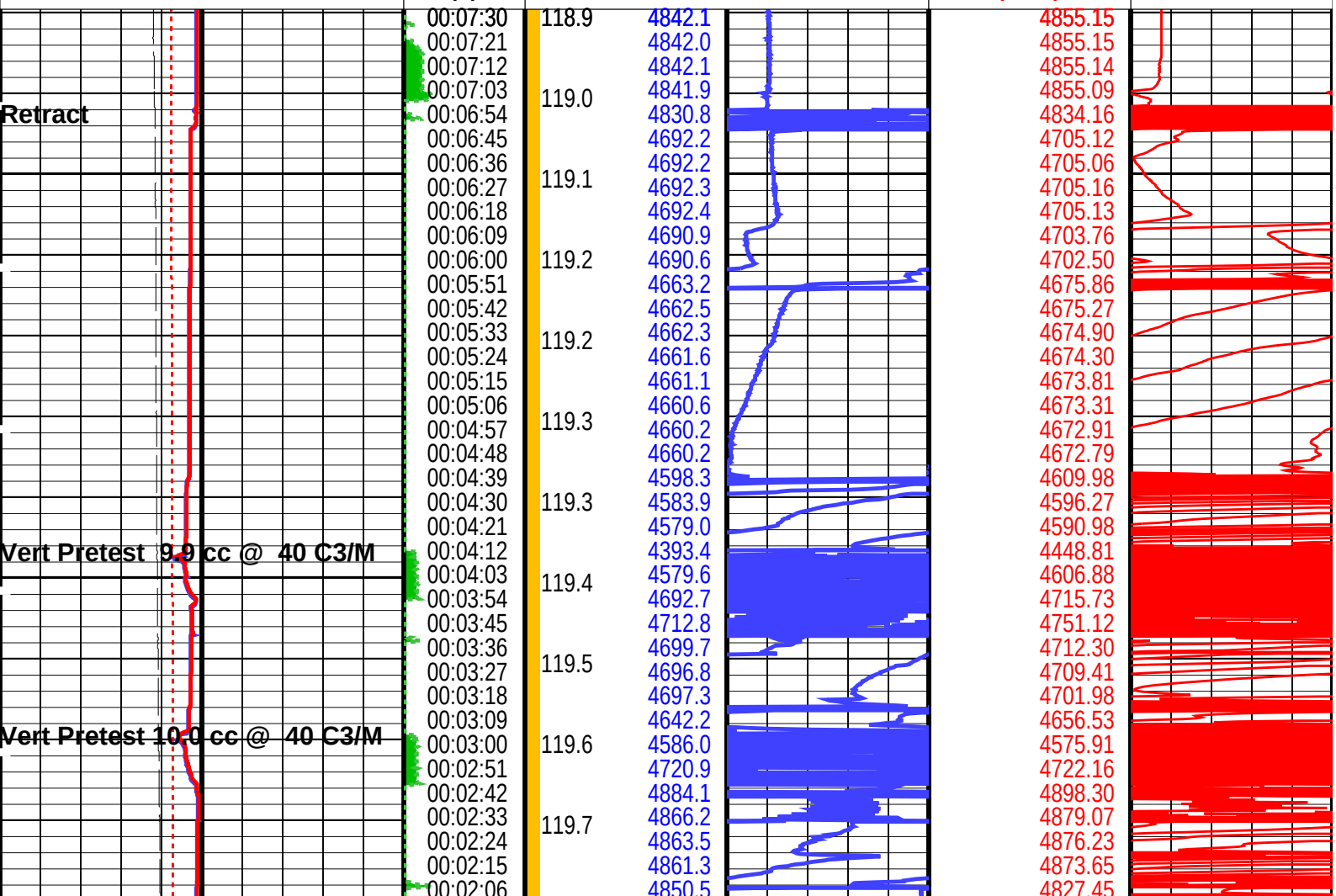
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

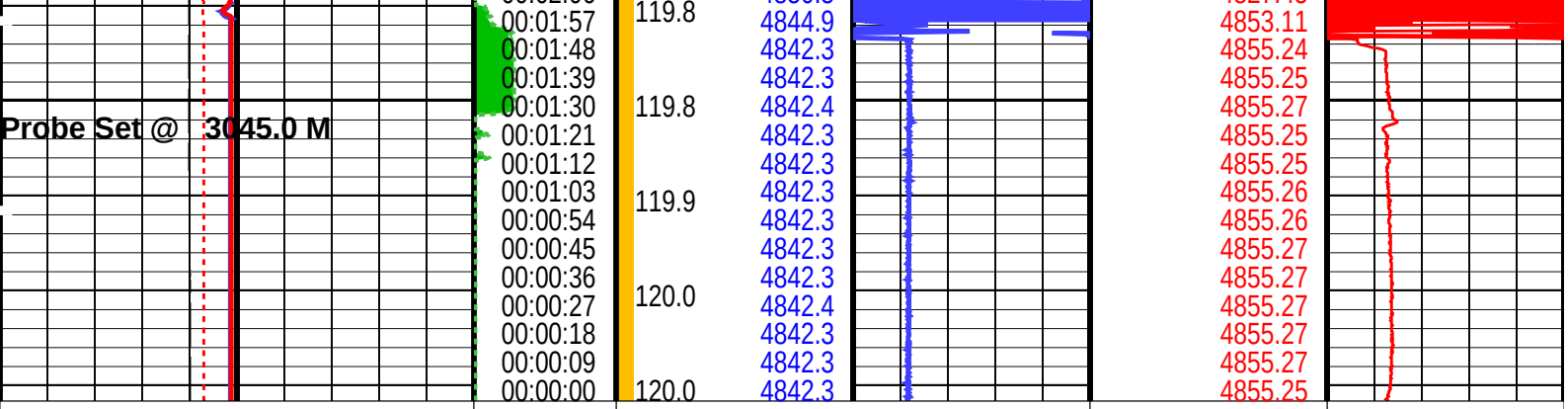
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

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)
00:07:30	118.9	4842.1	4855.15
00:07:21		4842.0	4855.15
00:07:12		4842.1	4855.14
00:07:03	119.0	4841.9	4855.09
00:06:54		4830.8	4834.16
00:06:45		4692.2	4705.12
00:06:36		4692.2	4705.06
00:06:27	119.1	4692.3	4705.16
00:06:18		4692.4	4705.13
00:06:09		4690.9	4703.76
00:06:00	119.2	4690.6	4702.50
00:05:51		4663.2	4675.86
00:05:42		4662.5	4675.27
00:05:33	119.2	4662.3	4674.90
00:05:24		4661.6	4674.30
00:05:15		4661.1	4673.81
00:05:06		4660.6	4673.31
00:04:57	119.3	4660.2	4672.91
00:04:48		4660.2	4672.79
00:04:39		4598.3	4609.98
00:04:30	119.3	4583.9	4596.27
00:04:21		4579.0	4590.98
00:04:12		4393.4	4448.81
00:04:03	119.4	4579.6	4606.88
00:03:54		4692.7	4715.73
00:03:45		4712.8	4751.12
00:03:36		4699.7	4712.30
00:03:27	119.5	4696.8	4709.41
00:03:18		4697.3	4701.98
00:03:09		4642.2	4656.53
00:03:00	119.6	4586.0	4575.91
00:02:51		4720.9	4722.16
00:02:42		4884.1	4898.30
00:02:33	119.7	4866.2	4879.07
00:02:24		4863.5	4876.23
00:02:15		4861.3	4873.65
00:02:06		4850.5	4827.45



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
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 21:40

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

27−Nov−2004 18:02

Output DLIS Files

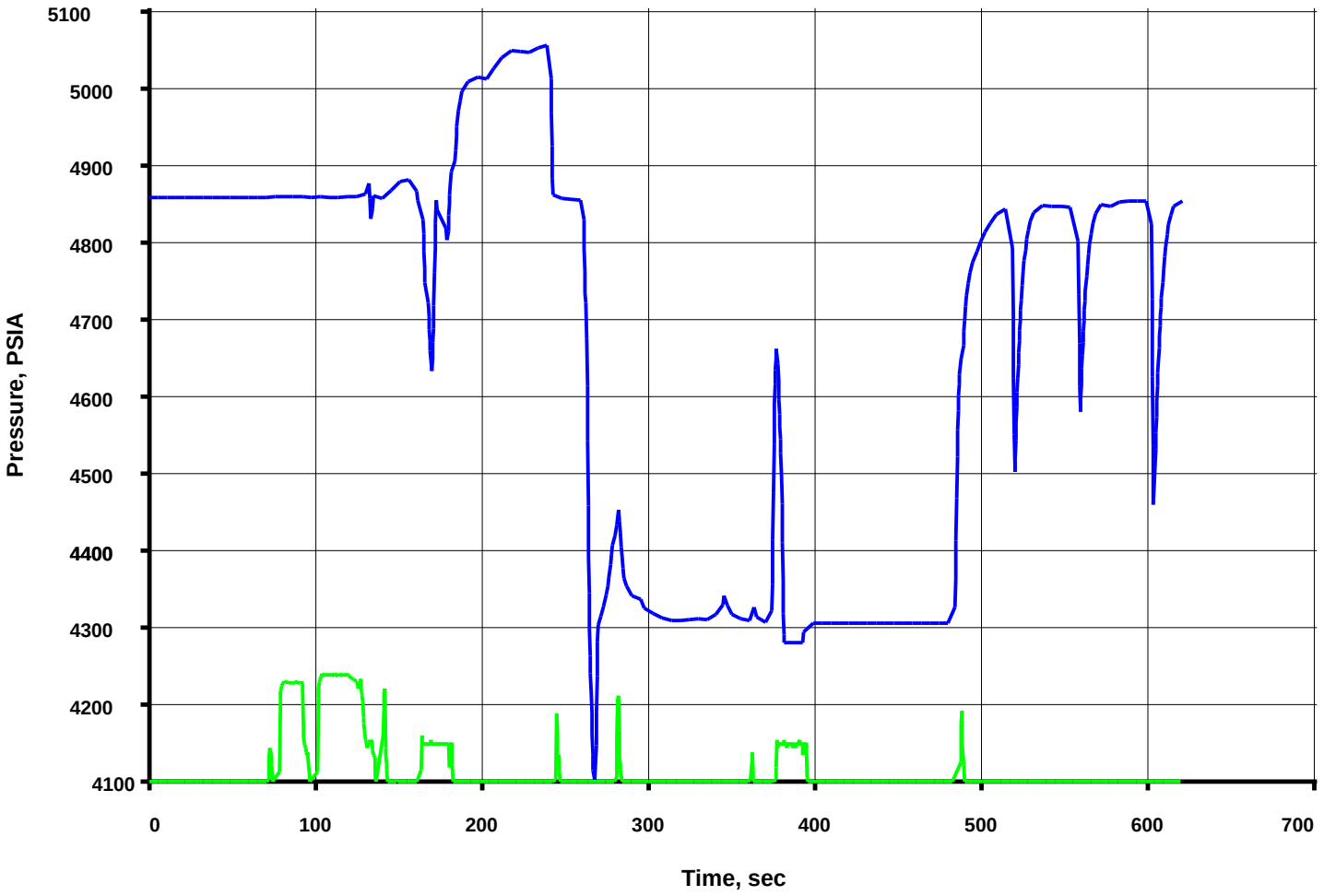
DEFAULT	MDT_OFA_045PTP	FN:44	PRODUCER	27−Nov−2004 21:40

Schlumberger

Pretest @ 3045.2 mMD

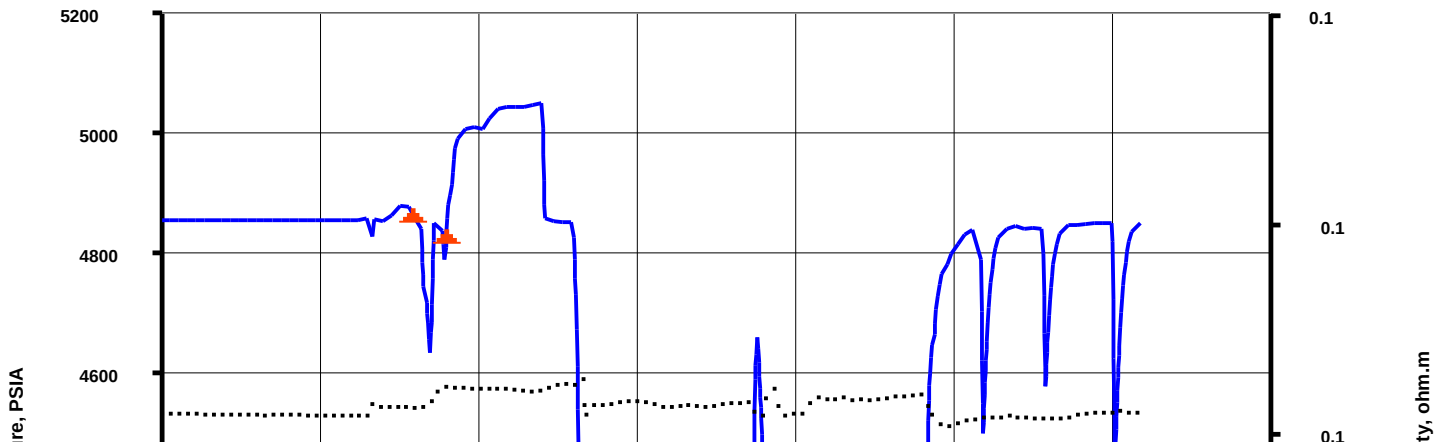
MAXIS Field Log

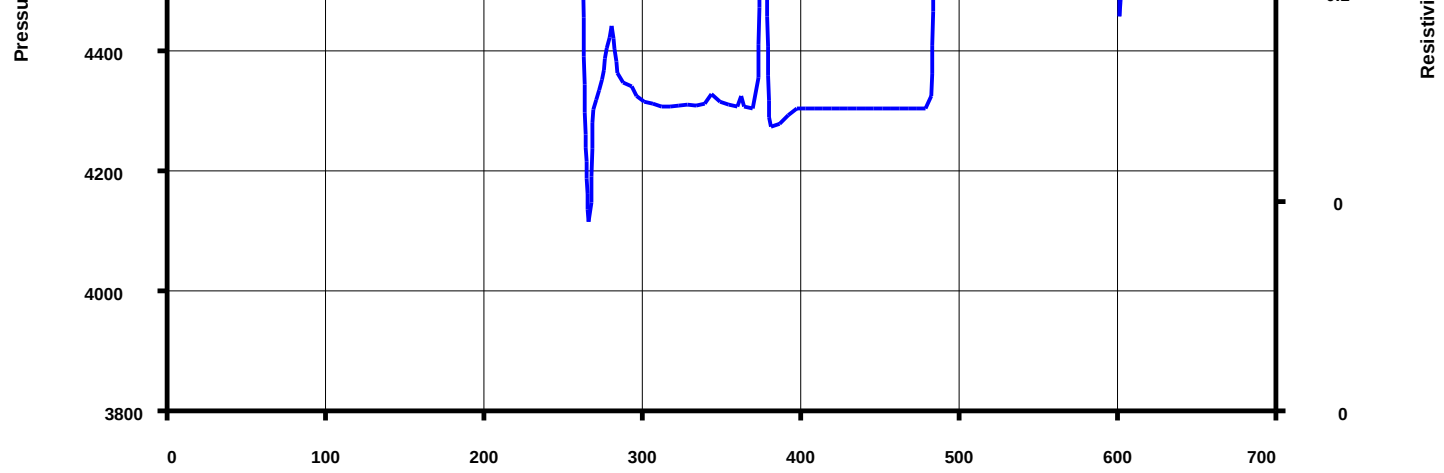
File 139 Depth, M: 3045.21 Unrecognizable − Large−Diameter probe



Pretest Volume: 0.0 cc − MRPS_1− BQP1 Resolution: 0.010psi

File 139





Start of Test Time: 158.7 sec

Start of Build−up Time: 179.7 sec

Reference pressure st start of build−up (BQP1) 4881.8 PSIA.

Input DLIS Files

MDT_OFA_139LTP 27−Nov−2004 18:02

Output DLIS Files

DEFAULT	MDT_OFA_046PTP	FN:45	PRODUCER	27−Nov−2004 21:52	3045.2 M	1.6 M

Elapsed Time (s)	Event Summary
616.5	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
597.9	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
572.4	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
554.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
532.2	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
514.8	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
371.1	Vert Pretest 10.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
267.6	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
257.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
158.7	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
96.9	Probe Set @ 3045.2 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

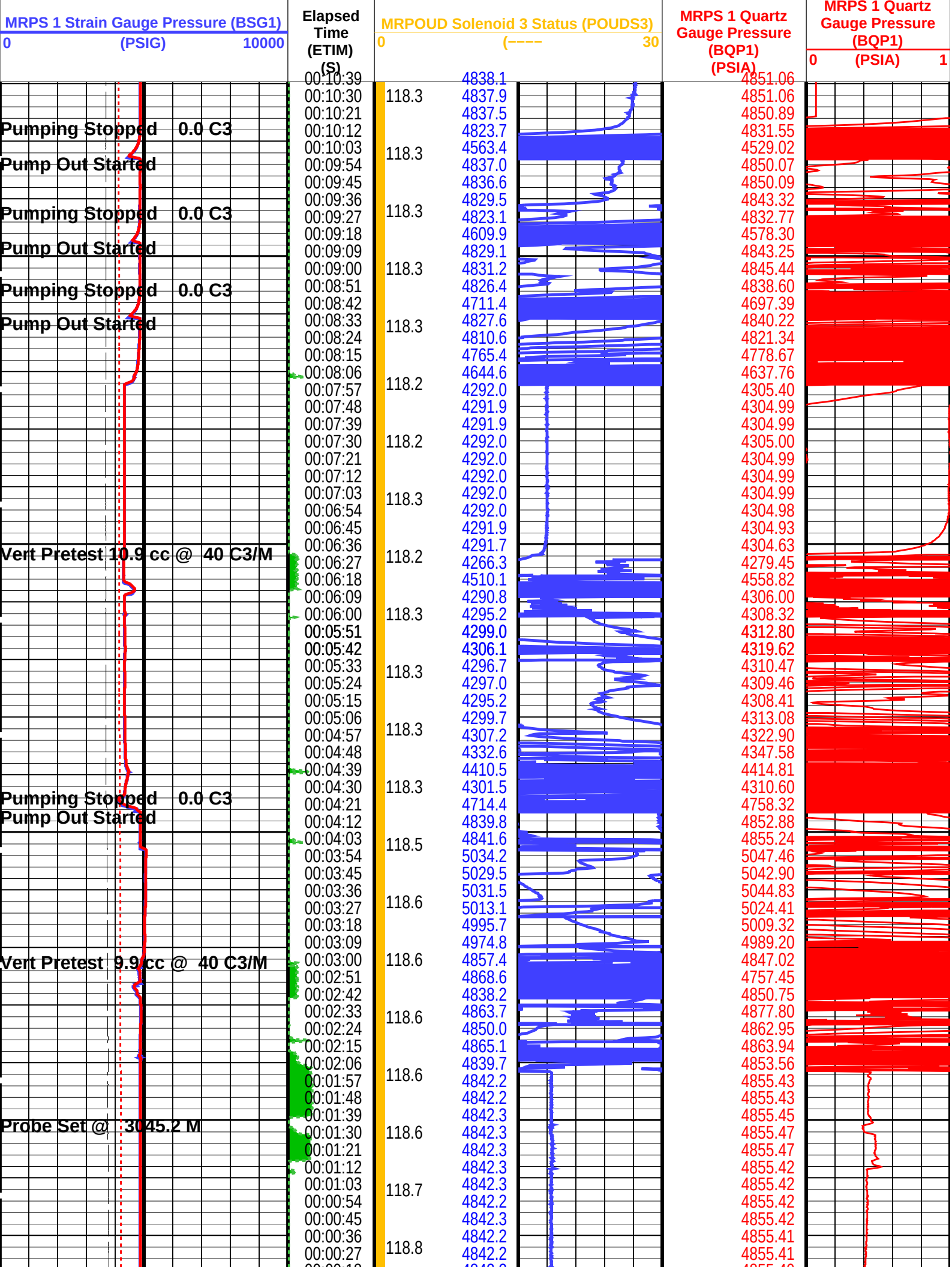
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

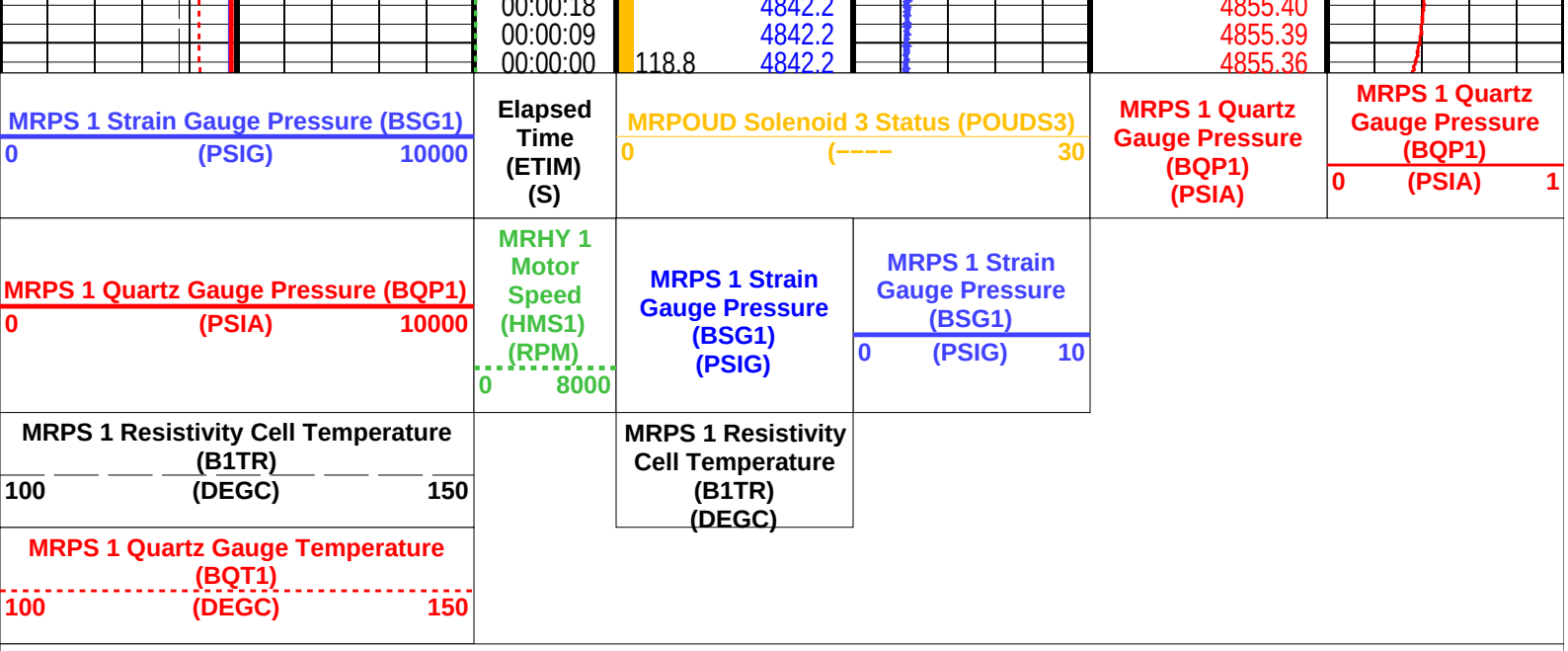
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 10000

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
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Vert Pretest 10.9 cc @ 40 C3/M
Pumping Stopped 0.0 C3
Pump Out Started
Vert Pretest 9.9 cc @ 40 C3/M
Probe Set @ 3045.2 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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 21:52

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

27−Nov−2004 18:02

Output DLIS Files

DEFAULT MDT_OFA_046PTP FN:45 PRODUCER 27−Nov−2004 21:52

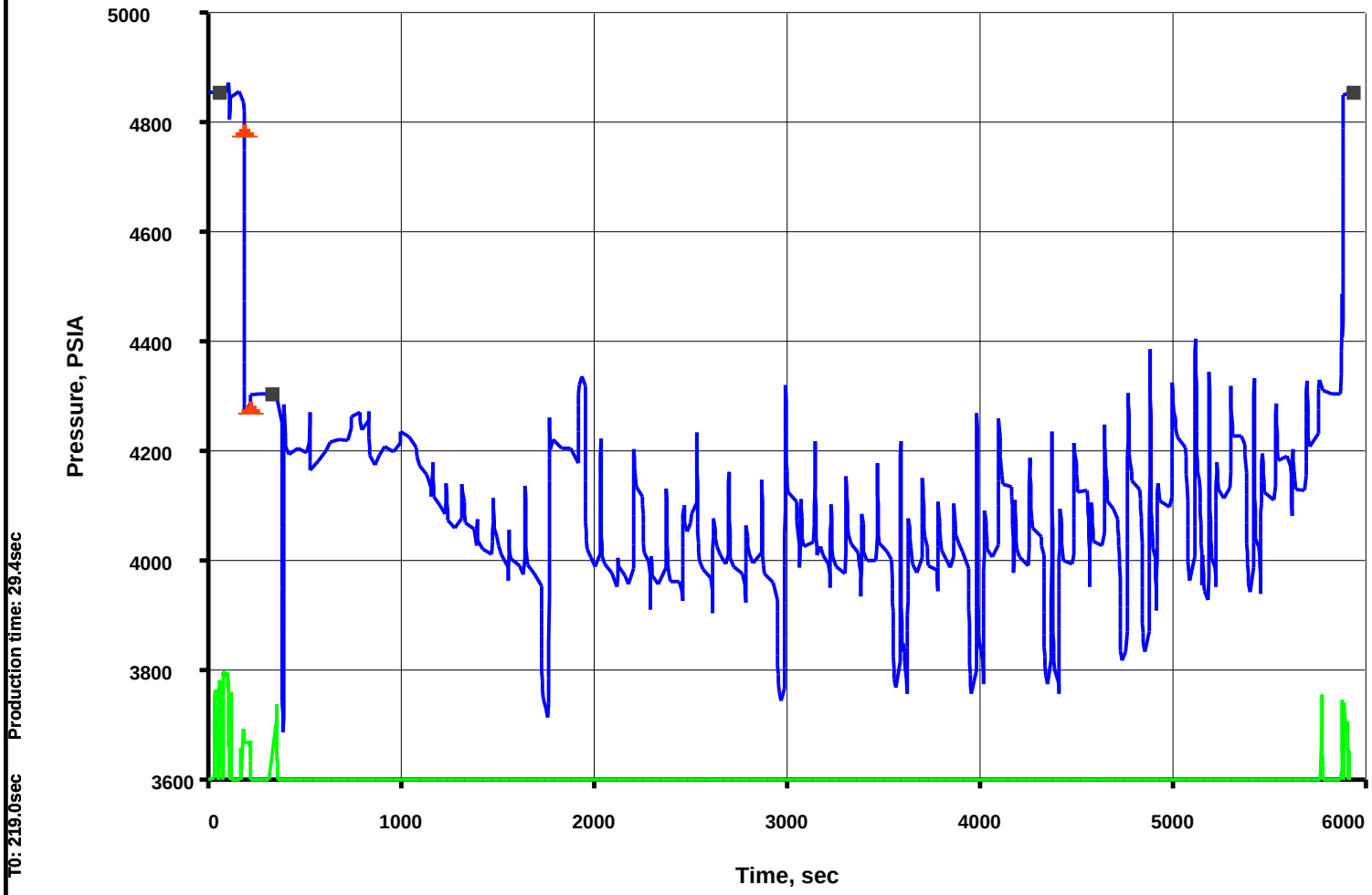
Schlumberger

Fluid analysis and pump out 3045.2 mMD

MAXIS Field Log

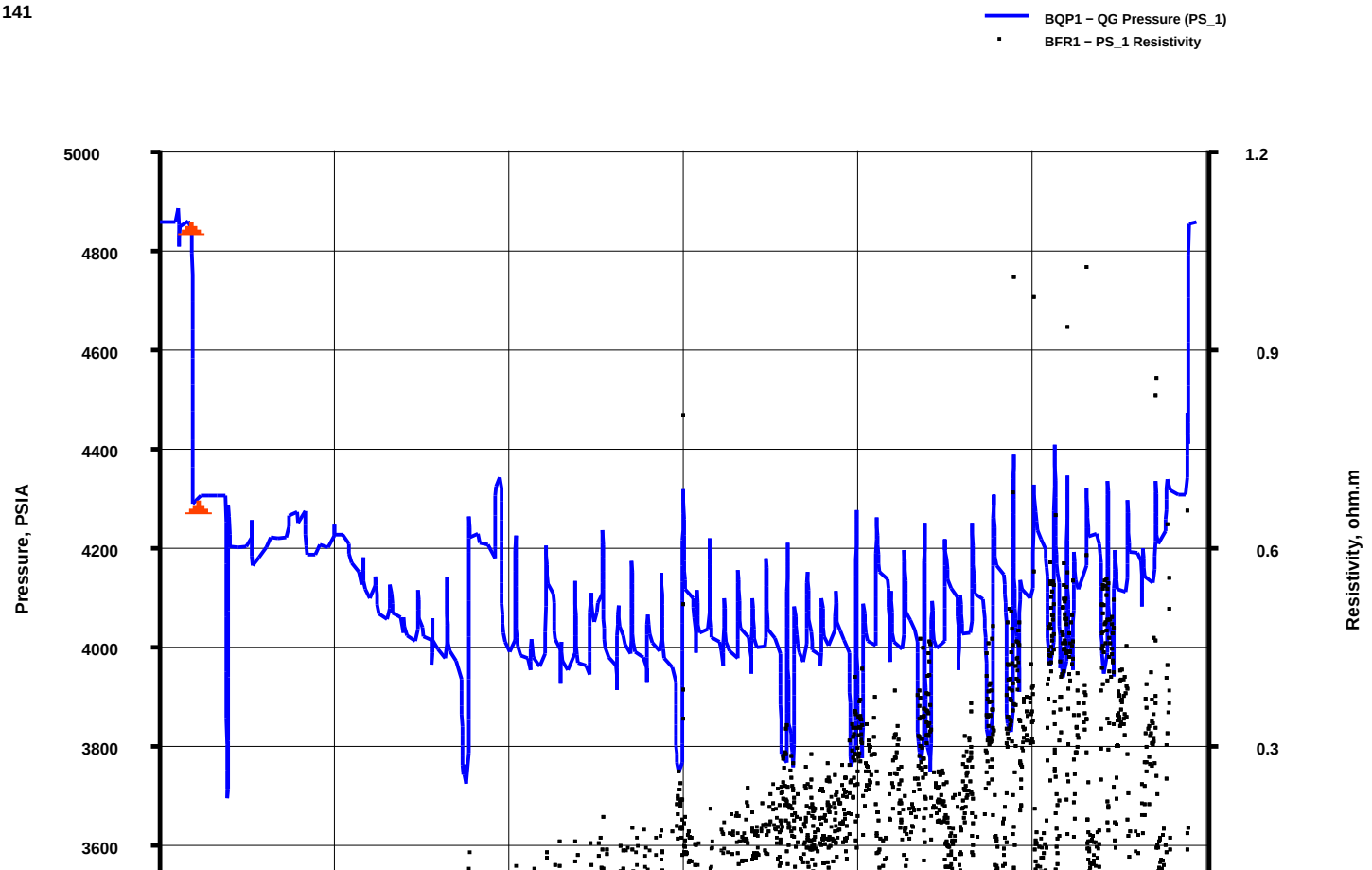
File 141 Depth, M: 3045.21 Normal Pretest − Large−Diameter probe

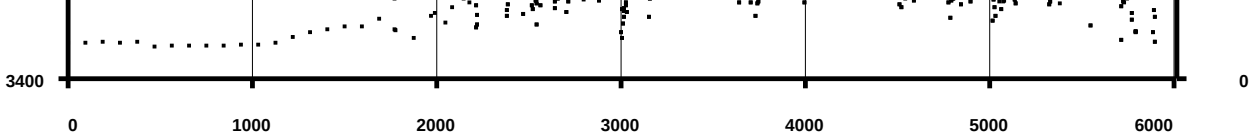
Mud Pressure before test, PSIA:	4855.5
Mud Pressure after test, PSIA:	4855.16
Last build−up pressure, PSIA:	4304.96
Draw−down mobility, md/cp:	60.9



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

File 141





Start of Test Time: 180.6 sec

Start of Build−up Time: 220.5 sec

Reference pressure st start of build−up (BQP1) 4865.4 PSIA.

Time, seconds

Input DLIS Files

DEFAULT	MDT_OFA_141LTP	FN:226	PRODUCER	27−Nov−2004 18:02	3045.2 M	15.1 M

Output DLIS Files

DEFAULT	MDT_OFA_047PTP	FN:46	PRODUCER	27−Nov−2004 21:59	3045.2 M	15.1 M

Event Summary

Elapsed Time (s)	Event Summary
5883.3	Retract Single Probe Module (MRPS) 1
5754.0	Pumping Stopped 32175.0 C3 Dual Up−down Pumpout Module (MRPOUD)
1950.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
1932.9	Pumping Stopped 9945.0 C3 Dual Up−down Pumpout Module (MRPOUD)
395.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
180.6	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
131.7	Initialize Multi−Sample Module (MRMS) 2
74.4	Probe Set @ 3045.2 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

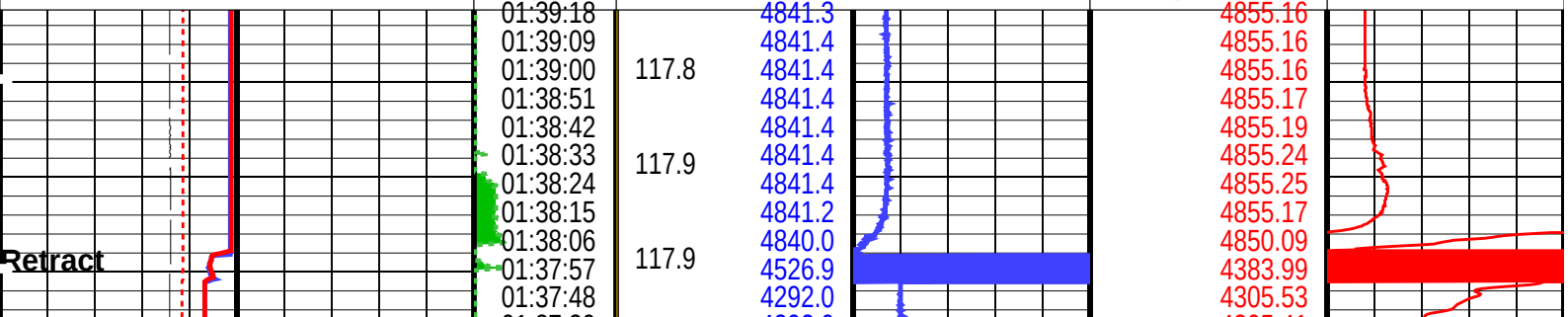
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

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 Quartz Gauge Pressure (BQP1) (PSIA)
01:39:18	4841.3	4855.16
01:39:09	4841.4	4855.16
01:39:00	117.8 4841.4	4855.16
01:38:51	4841.4	4855.17
01:38:42	4841.4	4855.19
01:38:33	117.9 4841.4	4855.24
01:38:24	4841.4	4855.25
01:38:15	4841.2	4855.17
01:38:06	4840.0	4850.09
01:37:57	117.9 4526.9	4383.99
01:37:48	4292.0	4305.53

Pumping Stopped 32175.0 C3

01:37:39		4292.0	4305.41
01:37:30	117.8	4292.0	4305.41
01:37:21		4291.9	4305.42
01:37:12		4292.0	4305.42
01:37:03	117.8	4292.0	4305.43
01:36:54		4292.0	4305.44
01:36:45		4292.0	4305.46
01:36:36	117.8	4291.9	4305.48
01:36:27		4292.1	4305.57
01:36:18		4293.8	4308.80
01:36:09		4325.5	4338.66
01:36:00	117.7	4322.2	4332.53
01:35:51		4186.3	4200.23
01:35:42		4186.1	4199.33
01:35:33	117.6	4186.6	4200.05
01:35:24		4187.4	4200.78
01:35:15		4187.4	4201.07
01:35:06	117.7	4196.8	4210.00
01:34:57		4328.6	4341.90
01:34:48		4115.1	4129.30
01:34:39		4115.4	4129.01
01:34:30	117.6	4116.7	4131.10
01:34:21		4119.7	4131.97
01:34:12		4117.6	4129.69
01:34:03	117.6	4115.5	4129.36
01:33:54		4125.5	4142.47
01:33:45		4181.4	4202.86
01:33:36		4147.3	4164.82
01:33:27	117.6	4176.7	4190.80
01:33:18		4175.8	4190.09
01:33:09		4176.6	4190.39
01:33:00	117.6	4177.2	4190.20
01:32:51		4175.8	4189.47
01:32:42		4173.1	4186.48
01:32:33	117.6	4170.8	4184.01
01:32:24		4184.7	4206.14
01:32:15		4212.0	4137.00
01:32:06	117.6	4096.4	4110.30
01:31:57		4097.8	4111.48
01:31:48		4099.3	4112.50
01:31:39		4099.9	4113.62
01:31:30	117.5	4100.6	4114.70
01:31:21		4101.2	4115.55
01:31:12		4137.1	4151.12
01:31:03	117.5	4176.0	4182.45
01:30:54		3972.7	3988.89
01:30:45		4013.3	4028.28
01:30:36		4015.9	4027.05
01:30:27	117.6	4072.8	4105.05
01:30:18		3928.6	3946.76
01:30:09		3925.6	3938.90
01:30:00	117.5	3931.1	3945.40
01:29:51		3965.0	3985.69
01:29:42		4150.5	4170.41
01:29:33	117.7	4215.5	4228.95
01:29:24		4215.0	4228.55
01:29:15		4214.0	4227.56
01:29:06		4213.5	4226.99
01:28:57	117.6	4214.4	4227.79
01:28:48		4210.2	4222.29
01:28:39		4206.2	4219.38
01:28:30	117.7	4219.3	4241.01
01:28:21		4305.9	4274.30
01:28:12		4099.8	4112.82
01:28:03	117.5	4098.6	4112.09
01:27:54		4101.4	4113.55
01:27:45		4101.7	4114.36
01:27:36	117.5	4102.8	4116.36
01:27:27		4103.8	4117.83
01:27:18		4115.5	4130.26
01:27:09		4177.4	4190.03
01:27:00	117.5	3979.1	3997.21
01:26:51		3980.8	3992.68
01:26:42		3996.1	4013.03

01:26:42		3996.1	4013.03
01:26:33	117.5	4165.1	4246.87
01:26:24		3922.9	3932.37
01:26:15		3919.1	3933.89
01:26:06		3921.4	3936.40
01:25:57	117.5	3986.0	4008.48
01:25:48		4020.9	4041.34
01:25:39		4135.0	4150.57
01:25:30	117.7	4141.5	4158.72
01:25:21		4351.1	4376.47
01:25:12		3939.1	3954.21
01:25:03	117.5	3950.4	3962.43
01:24:54		3950.0	3961.98
01:24:45		3958.5	3984.39
01:24:36		4122.0	4138.77
01:24:27	117.6	4199.8	4214.17
01:24:18		4202.3	4215.77
01:24:09		4203.0	4216.63
01:24:00	117.7	4203.5	4217.26
01:23:51		4209.8	4223.44
01:23:42		4215.1	4229.18
01:23:33	117.6	4247.4	4263.15
01:23:24		4261.4	4279.44
01:23:15		4082.1	4096.20
01:23:06		4083.6	4097.55
01:22:57	117.5	4085.2	4098.31
01:22:48		4086.0	4099.67
01:22:39		4085.4	4099.46
01:22:30	117.5	4088.2	4101.08
01:22:21		4087.7	4100.60
01:22:12		4100.5	4115.40
01:22:03	117.5	4130.9	4140.00
01:21:54		3939.8	3959.83
01:21:45		3997.8	4013.09
01:21:36		4023.9	4041.69
01:21:27	117.6	4144.8	4210.85
01:21:18		3818.6	3832.66
01:21:09		3814.7	3833.33
01:21:00	117.5	3831.1	3842.14
01:20:51		3828.0	3843.88
01:20:42		4004.3	4049.40
01:20:33	117.6	4102.0	4119.49
01:20:24		4141.6	4155.04
01:20:15		4141.8	4155.47
01:20:06	117.6	4140.6	4153.49
01:19:57		4135.5	4148.90
01:19:48		4139.9	4157.92
01:19:39		4161.4	4176.83
01:19:30	117.5	4307.0	4306.38
01:19:21		3818.5	3828.73
01:19:12		3815.5	3827.41
01:19:03	117.5	3796.3	3810.03
01:18:54		3819.4	3832.17
01:18:45		4001.7	4015.64
01:18:36		4052.5	4070.81
01:18:27	117.6	4083.2	4096.55
01:18:18		4081.6	4094.93
01:18:09		4081.8	4095.58
01:18:00	117.6	4081.7	4095.48
01:17:51		4084.9	4098.48
01:17:42		4099.8	4119.04
01:17:33	117.6	4154.5	4173.02
01:17:24		4015.7	4029.61
01:17:15		4015.0	4028.39
01:17:06		4021.1	4035.40
01:16:57	117.6	4022.3	4035.47
01:16:48		4022.1	4034.94
01:16:39		4018.9	4029.37
01:16:30	117.6	4012.9	4030.95
01:16:21		4091.9	4116.39
01:16:12		4006.9	4007.52
01:16:03	117.6	4067.1	4086.25
01:15:54		4116.4	4130.37
01:15:45		4113.6	4125.85

01:15:36		4103.0	4116.14
01:15:27	117.6	4103.8	4117.77
01:15:18		4105.4	4119.34
01:15:09		4110.8	4125.42
01:15:00	117.6	4167.1	4181.30
01:14:51		4206.7	4225.59
01:14:42		3980.1	3993.99
01:14:33	117.5	3981.7	3994.57
01:14:24		3982.3	3995.99
01:14:15		3982.7	3996.27
01:14:06	117.5	3982.4	3996.13
01:13:57		3985.3	3998.79
01:13:48		4001.2	4017.80
01:13:39		4090.1	4100.60
01:13:30	117.4	3817.8	3748.71
01:13:21		3782.4	3791.89
01:13:12		3780.5	3796.99
01:13:03	117.5	3828.6	3847.72
01:12:54		4219.5	4173.01
01:12:45		3751.7	3764.64
01:12:36	117.5	3754.2	3768.08
01:12:27		3770.5	3786.53
01:12:18		3802.8	3821.43
01:12:09		4005.6	4019.22
01:12:00	117.6	4019.3	4037.30
01:11:51		4036.8	4050.51
01:11:42		4037.2	4050.66
01:11:33	117.6	4040.9	4054.75
01:11:24		4045.8	4058.74
01:11:15		4046.9	4060.48
01:11:06		4097.9	4131.75
01:10:57	117.6	3974.7	3988.61
01:10:48		3980.5	3992.21
01:10:39		3981.2	3995.38
01:10:30	117.6	3983.9	3996.11
01:10:21		3985.7	3999.08
01:10:12		3985.2	3999.18
01:10:03	117.6	3994.4	4007.30
01:09:54		4007.7	4022.97
01:09:45		4089.0	4112.50
01:09:36		3942.8	4040.49
01:09:27	117.6	4096.1	4116.87
01:09:18		4121.9	4135.60
01:09:09		4121.7	4135.38
01:09:00	117.6	4124.0	4137.26
01:08:51		4123.6	4137.12
01:08:42		4119.6	4133.65
01:08:33	117.7	4149.8	4164.72
01:08:24		4217.8	4233.98
01:08:15		3990.0	4003.62
01:08:06		3991.7	4004.95
01:07:57	117.5	3989.5	4004.12
01:07:48		3992.5	4006.56
01:07:39		3997.1	4009.83
01:07:30	117.5	3995.3	4009.72
01:07:21		4008.0	4022.02
01:07:12		4073.7	4087.81
01:07:03	117.4	4013.4	3997.38
01:06:54		3813.0	3827.13
01:06:45		3831.5	3847.05
01:06:36		3835.9	3852.96
01:06:27	117.5	4085.5	4210.50
01:06:18		3744.4	3755.92
01:06:09		3745.7	3756.63
01:06:00	117.5	3741.6	3754.77
01:05:51		3752.8	3779.57
01:05:42		3994.0	4007.51
01:05:33	117.6	4010.1	4022.00
01:05:24		3997.8	4011.20
01:05:15		3999.9	4014.19
01:05:06		4003.1	4016.72
01:04:57	117.6	4008.1	4022.41
01:04:48		4022.7	4036.06

01:04:39		4022.8	4035.39
01:04:30	117.6	4095.9	4104.69
01:04:21		3974.4	3987.04
01:04:12		3973.5	3986.82
01:04:03	117.6	3981.1	3995.04
01:03:54		3984.6	3997.01
01:03:45		3981.0	3998.35
01:03:36		3996.6	4007.96
01:03:27	117.6	4001.2	4014.25
01:03:18		4017.0	4033.03
01:03:09		4067.8	4083.25
01:03:00	117.6	3969.5	3983.32
01:02:51		3967.7	3981.20
01:02:42		3970.5	3982.67
01:02:33	117.6	3972.9	3986.58
01:02:24		3970.1	3981.97
01:02:15		3972.3	3987.04
01:02:06		4028.6	4040.06
01:01:57	117.6	4024.8	4039.44
01:01:48		4107.3	4123.30
01:01:39		3952.0	3965.11
01:01:30	117.5	3952.5	3966.01
01:01:21		3956.6	3970.01
01:01:12		3968.5	3982.14
01:01:03	117.5	3970.9	3984.79
01:00:54		3980.0	3994.00
01:00:45		3998.8	4012.87
01:00:36		4068.5	4083.85
01:00:27	117.5	3939.3	3901.49
01:00:18		3779.8	3794.54
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01:00:00	117.5	3848.1	3844.63
00:59:51		4222.6	4209.16
00:59:42		3753.7	3769.02
00:59:33	117.5	3759.4	3777.95
00:59:24		3757.0	3772.50
00:59:15		3771.7	3802.59
00:59:06		3988.3	4000.81
00:58:57	117.6	3999.1	4013.91
00:58:48		4003.2	4016.05
00:58:39		4004.9	4017.25
00:58:30	117.6	4005.8	4018.93
00:58:21		4007.5	4019.90
00:58:12		4006.8	4020.79
00:58:03	117.7	4007.2	4020.57
00:57:54		4058.3	4091.77
00:57:45		3986.8	3999.47
00:57:36		3984.7	3997.96
00:57:27	117.6	3986.3	3998.48
00:57:18		3985.0	3998.51
00:57:09		3975.4	3990.87
00:57:00	117.7	3980.9	3994.94
00:56:51		3991.7	4005.21
00:56:42		3996.8	4011.52
00:56:33	117.6	4062.7	4079.17
00:56:24		3955.9	3987.73
00:56:15		3985.9	4000.52
00:56:06		4011.8	4025.04
00:55:57	117.6	4009.5	4023.04
00:55:48		4009.0	4022.73
00:55:39		4013.7	4027.46
00:55:30	117.7	4022.3	4035.28
00:55:21		4026.6	4042.88
00:55:12		4103.0	4118.65
00:55:03	117.6	3963.3	3977.47
00:54:54		3967.2	3980.42
00:54:45		3968.8	3981.84
00:54:36	117.6	3968.1	3981.22
00:54:27		3967.1	3980.49
00:54:18		3975.2	3991.24
00:54:09		3983.2	3996.78
00:54:00	117.7	3987.4	4002.64
00:53:51		4073.6	4099.60
00:53:42		3977.5	3990.58

00:53:42		3977.5	3990.58
00:53:33	117.7	3981.4	3995.56
00:53:24		3991.3	4006.13
00:53:15		3996.4	4010.66
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00:52:57	117.7	4012.5	4027.29
00:52:48		3998.0	4010.72
00:52:39		3994.6	4008.90
00:52:30	117.7	4078.7	4120.51
00:52:21		4021.1	4034.33
00:52:12		4022.0	4035.15
00:52:03	117.7	4020.2	4034.58
00:51:54		4020.4	4033.37
00:51:45		4013.6	4027.27
00:51:36	117.7	4012.0	4024.15
00:51:27		4019.5	4033.79
00:51:18		4039.9	4063.69
00:51:09		4028.2	3994.62
00:51:00	117.7	4040.1	4053.68
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00:50:42		4104.2	4120.63
00:50:33	117.7	4104.3	4117.95
00:50:24		4105.0	4118.38
00:50:15		4099.1	4112.74
00:50:06	117.7	4105.8	4125.29
00:49:57		4233.6	4292.11
00:49:48		3736.0	3746.14
00:49:39		3724.6	3741.03
00:49:30	117.6	3725.3	3738.97
00:49:21		3745.1	3763.60
00:49:12		3825.6	3865.98
00:49:03	117.7	3940.8	3955.81
00:48:54		3939.1	3954.78
00:48:45		3953.1	3966.14
00:48:36	117.7	3950.5	3963.93
00:48:27		3955.5	3968.82
00:48:18		3955.9	3968.85
00:48:09		3963.1	3975.89
00:48:00	117.7	3977.3	3991.87
00:47:51		4128.3	4148.77
00:47:42		3978.3	3992.22
00:47:33	117.7	3992.1	4005.76
00:47:24		3992.8	4006.50
00:47:15		3987.0	3999.70
00:47:06	117.7	3978.5	3992.55
00:46:57		3991.0	4004.84
00:46:48		3997.9	4011.60
00:46:39		4014.1	4029.30
00:46:30	117.7	4065.2	4069.45
00:46:21		3966.6	3980.04
00:46:12		3964.3	3976.92
00:46:03	117.7	3964.5	3976.88
00:45:54		3963.9	3977.25
00:45:45		3962.2	3975.56
00:45:36	117.7	3963.5	3977.51
00:45:27		3975.9	3987.70
00:45:18		3976.5	3989.71
00:45:09		3987.8	4003.17
00:45:00	117.7	4171.5	4145.36
00:44:51		3973.6	3987.62
00:44:42		3986.6	4000.85
00:44:33	117.7	3984.5	3997.98
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00:44:15		4002.3	4016.55
00:44:06	117.7	4011.8	4024.57
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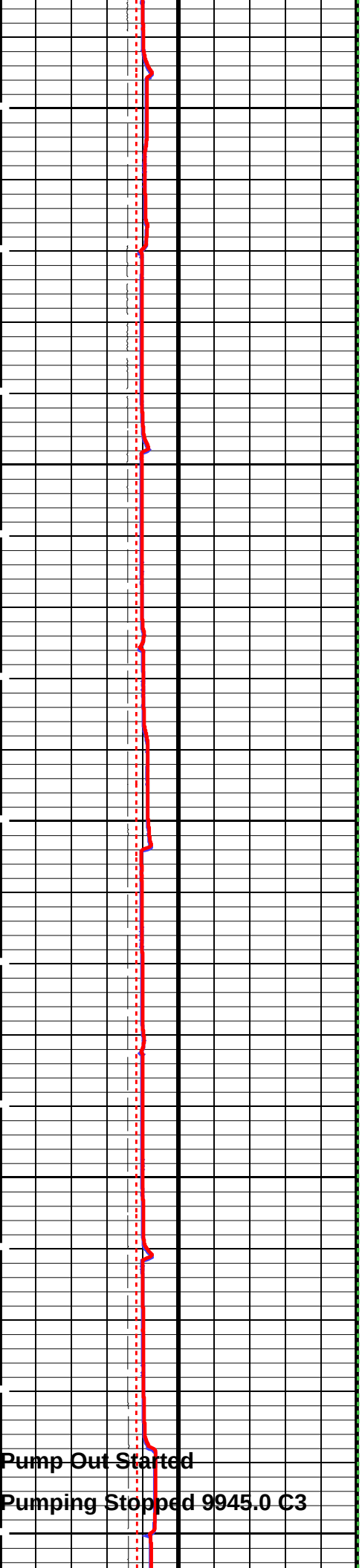
00:43:48		4028.3	4048.12
00:43:39		4042.7	4044.55
00:43:30	117.7	3955.1	3969.51
00:43:21		3959.9	3974.36
00:43:12		3971.4	3984.25
00:43:03	117.7	3964.5	3976.58
00:42:54		3961.9	3977.62
00:42:45		3968.1	3982.46



00:42:36		3977.0	3989.44
00:42:27	117.8	3981.0	3998.08
00:42:18		4072.7	4107.66
00:42:09		4079.6	4093.83
00:42:00	117.8	4083.9	4096.68
00:41:51		4084.2	4096.28
00:41:42		4052.4	4054.39
00:41:33	117.8	4029.9	4043.76
00:41:24		4033.1	4048.53
00:41:15		4047.0	4060.37
00:41:06		4082.9	4094.80
00:40:57	117.7	3950.4	3964.01
00:40:48		3950.3	3962.60
00:40:39		3948.0	3961.82
00:40:30	117.7	3948.0	3959.89
00:40:21		3944.7	3958.17
00:40:12		3946.0	3960.19
00:40:03	117.8	3948.0	3959.80
00:39:54		3951.3	3964.50
00:39:45		3975.2	3991.43
00:39:36		4135.0	4132.71
00:39:27	117.7	3937.9	3951.58
00:39:18		3938.7	3951.77
00:39:09		3940.9	3953.63
00:39:00	117.8	3940.5	3952.71
00:38:51		3948.1	3961.70
00:38:42		3949.2	3963.14
00:38:33	117.8	3951.8	3965.50
00:38:24		3955.8	3970.01
00:38:15		3985.5	3990.29
00:38:06		3986.9	3999.15
00:37:57	117.8	3989.0	4003.55
00:37:48		3987.4	4005.47
00:37:39		4013.7	4030.17
00:37:30	117.8	4112.5	4124.47
00:37:21		4109.2	4123.06
00:37:12		4112.4	4126.45
00:37:03	117.8	4111.8	4126.97
00:36:54		4148.3	4164.67
00:36:45		3931.1	3945.94
00:36:36		3935.1	3952.03
00:36:27	117.8	3934.9	3951.16
00:36:18		3942.9	3956.94
00:36:09		3951.5	3964.06
00:36:00	117.8	3963.9	3980.00
00:35:51		3963.3	3977.59
00:35:42		3964.5	3978.51
00:35:33	117.8	3971.1	3985.50
00:35:24		3991.1	3988.82
00:35:15		3961.8	3973.66
00:35:06		3964.0	3978.29
00:34:57	117.8	3967.0	3980.68
00:34:48		3967.3	3980.04
00:34:39		3966.2	3981.18
00:34:30	117.8	3966.7	3981.43
00:34:21		3970.5	3984.50
00:34:12		3984.3	3996.52
00:34:03	117.8	3993.2	4011.29
00:33:54		3969.9	3982.23
00:33:45		3971.8	3986.45
00:33:36		3975.4	3988.03
00:33:27	117.8	3979.3	3994.82
00:33:18		3986.5	3999.81
00:33:09		3990.8	4004.77
00:33:00	117.8	3995.2	4008.83
00:32:51		4002.0	4014.78
00:32:42		4025.2	4039.23
00:32:33	118.0	4333.1	4345.87
00:32:24		4327.2	4340.12
00:32:15		4322.2	4335.11
00:32:06		4313.6	4326.06
00:31:57	117.9	4195.1	4209.45
00:31:48		4197.2	4210.02

00:31:39		4189.5	4203.99
00:31:30	117.9	4193.2	4206.08
00:31:21		4192.2	4205.13
00:31:12		4191.1	4203.29
00:31:03	117.9	4185.7	4198.60
00:30:54		4185.3	4199.44
00:30:45		4182.0	4194.58
00:30:36	117.9	4186.0	4200.35
00:30:27		4219.5	4233.09
00:30:18		4215.6	4228.97
00:30:09		4209.4	4221.76
00:30:00	117.9	4209.7	4224.31
00:29:51		4203.7	4220.23
00:29:42		4199.7	4212.37
00:29:33	117.9	4200.8	4225.67
00:29:24		3704.8	3713.94
00:29:15		3706.9	3719.98
00:29:06	117.8	3724.1	3737.83
00:28:57		3726.3	3745.72
00:28:48		3988.2	3969.34
00:28:39		3955.5	3968.45
00:28:30	117.8	3954.5	3967.60
00:28:21		3956.4	3968.90
00:28:12		3960.6	3975.19
00:28:03	117.8	3966.5	3980.61
00:27:54		3967.5	3981.90
00:27:45		3970.5	3983.61
00:27:36		3983.1	3997.37
00:27:27	117.8	4024.1	4054.57
00:27:18		3958.8	3973.43
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00:27:00	117.8	3977.4	3990.93
00:26:51		3978.7	3992.22
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00:26:33	117.8	3984.3	3997.47
00:26:24		3984.5	3998.57
00:26:15		3987.6	4001.59
00:26:06	117.8	3993.7	4007.84
00:25:57		4014.4	4017.13
00:25:48		4000.9	4013.83
00:25:39		4000.4	4013.38
00:25:30	117.8	3997.3	4009.30
00:25:21		4000.6	4014.08
00:25:12		4000.1	4014.17
00:25:03	117.8	4023.6	4038.60
00:24:54		4045.6	4056.68
00:24:45		4036.3	4052.56
00:24:36		3996.5	4009.97
00:24:27	117.8	3998.3	4012.45
00:24:18		4000.5	4014.06
00:24:09		4003.1	4016.37
00:24:00	117.8	4006.4	4019.67
00:23:51		4008.8	4022.03
00:23:42		4009.3	4022.52
00:23:33	117.8	4010.7	4023.91
00:23:24		4017.0	4030.20
00:23:15		4085.0	4033.78
00:23:06		4045.2	4058.77
00:22:57	117.8	4045.1	4059.25
00:22:48		4047.6	4060.84
00:22:39		4047.0	4061.20
00:22:30	117.8	4043.8	4057.03
00:22:21		4046.8	4060.32
00:22:12		4050.0	4070.20
00:22:03	117.8	4098.2	4110.06
00:21:54		4037.9	4050.37
00:21:45		4039.6	4052.82
00:21:36	117.8	4042.8	4055.45
00:21:27		4044.1	4056.73
00:21:18		4046.8	4060.27
00:21:09		4047.8	4060.78
00:21:00	117.8	4051.3	4064.39
00:20:51		4054.1	4067.71
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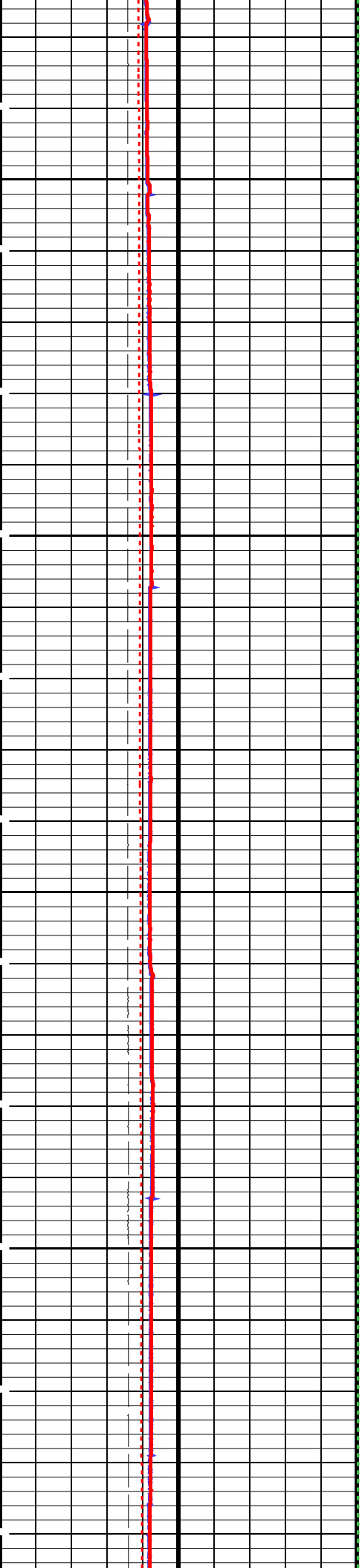

00:20:42		4091.2	4105.06
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00:20:06		4081.9	4095.85
00:19:57	117.8	4095.0	4108.11
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00:19:39		4096.4	4110.02
00:19:30	117.8	4105.2	4119.33
00:19:21		4098.4	4112.40
00:19:12		4137.5	4148.47
00:19:03	117.8	4136.0	4150.46
00:18:54		4146.5	4157.89
00:18:45		4158.9	4170.82
00:18:36	117.8	4150.8	4171.62
00:18:27		4163.6	4173.48
00:18:18		4167.3	4179.77
00:18:09		4177.4	4188.93
00:18:00	117.8	4203.3	4220.29
00:17:51		4203.2	4217.16
00:17:42		4209.2	4225.08
00:17:33	117.8	4209.3	4224.21
00:17:24		4210.5	4226.04
00:17:15		4210.4	4223.31
00:17:06	117.8	4217.4	4228.38
00:16:57		4216.2	4229.34
00:16:48		4216.2	4227.05
00:16:39		4229.9	4244.83
00:16:30	117.8	4187.8	4198.41
00:16:21		4189.1	4199.42
00:16:12		4186.8	4198.54
00:16:03	117.8	4187.5	4199.21
00:15:54		4190.3	4203.13
00:15:45		4183.4	4203.05
00:15:36	117.8	4189.5	4199.69
00:15:27		4175.3	4204.90
00:15:18		4185.5	4209.06
00:15:09		4185.7	4197.52
00:15:00	117.8	4190.6	4200.15
00:14:51		4193.6	4195.57
00:14:42		4174.9	4188.13
00:14:33	117.8	4166.5	4182.41
00:14:24		4158.5	4178.34
00:14:15		4177.0	4189.21
00:14:06	117.8	4160.8	4182.44
00:13:57		4191.9	4215.27
00:13:48		4230.8	4240.06
00:13:39		4226.7	4238.39
00:13:30	117.9	4226.2	4240.67
00:13:21		4224.3	4235.42
00:13:12		4230.6	4244.67
00:13:03	117.9	4249.1	4265.71
00:12:54		4256.0	4264.89
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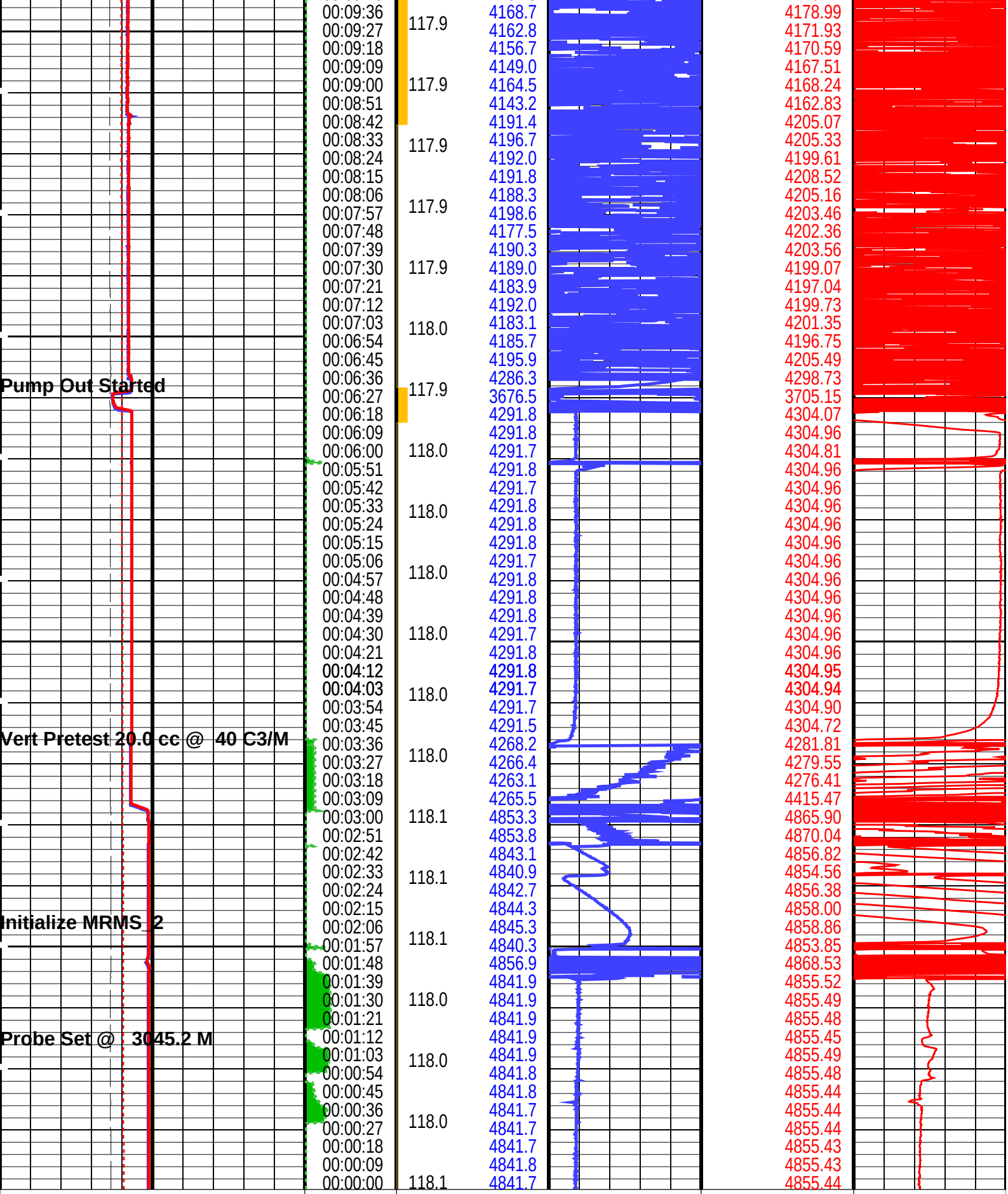
00:12:36	117.9	4243.8	4261.46
00:12:27		4246.6	4259.98
00:12:18		4203.7	4219.16
00:12:09		4204.4	4217.24
00:12:00	117.9	4209.9	4220.52
00:11:51		4206.7	4218.94
00:11:42		4207.7	4218.32
00:11:33	117.9	4213.4	4227.66
00:11:24		4206.0	4220.51
00:11:15		4204.3	4218.54
00:11:06	117.9	4205.4	4219.13
00:10:57		4209.9	4218.35
00:10:48		4211.9	4220.01
00:10:39		4208.3	4219.77
00:10:30	117.9	4184.1	4205.28
00:10:21		4190.2	4201.03
00:10:12		4195.2	4185.53
00:10:03	117.9	4174.0	4177.39
00:09:54		4162.8	4176.67
00:09:45		4167.3	4178.24



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)
00:09:36	117.9	4168.7	4178.99	
00:09:27		4162.8	4171.93	
00:09:18		4156.7	4170.59	
00:09:09		4149.0	4167.51	
00:09:00	117.9	4164.5	4168.24	
00:08:51		4143.2	4162.83	
00:08:42		4191.4	4205.07	
00:08:33	117.9	4196.7	4205.33	
00:08:24		4192.0	4199.61	
00:08:15		4191.8	4208.52	
00:08:06	117.9	4188.3	4205.16	
00:07:57		4198.6	4203.46	
00:07:48		4177.5	4202.36	
00:07:39		4190.3	4203.56	
00:07:30	117.9	4189.0	4199.07	
00:07:21		4183.9	4197.04	
00:07:12		4192.0	4199.73	
00:07:03	118.0	4183.1	4201.35	
00:06:54		4185.7	4196.75	
00:06:45		4195.9	4205.49	
00:06:36		4286.3	4298.73	
00:06:27	117.9	3676.5	3705.15	
00:06:18		4291.8	4304.07	
00:06:09		4291.8	4304.96	
00:06:00	118.0	4291.7	4304.81	
00:05:51		4291.8	4304.96	
00:05:42		4291.7	4304.96	
00:05:33	118.0	4291.8	4304.96	
00:05:24		4291.8	4304.96	
00:05:15		4291.8	4304.96	
00:05:06	118.0	4291.7	4304.96	
00:04:57		4291.8	4304.96	
00:04:48		4291.8	4304.96	
00:04:39		4291.8	4304.96	
00:04:30	118.0	4291.7	4304.96	
00:04:21		4291.8	4304.96	
00:04:12		4291.8	4304.95	
00:04:03	118.0	4291.7	4304.94	
00:03:54		4291.7	4304.90	
00:03:45		4291.5	4304.72	
00:03:36	118.0	4268.2	4281.81	
00:03:27		4266.4	4279.55	
00:03:18		4263.1	4276.41	
00:03:09		4265.5	4415.47	
00:03:00	118.1	4853.3	4865.90	
00:02:51		4853.8	4870.04	
00:02:42		4843.1	4856.82	
00:02:33	118.1	4840.9	4854.56	
00:02:24		4842.7	4856.38	
00:02:15		4844.3	4858.00	
00:02:06		4845.3	4858.86	
00:01:57	118.1	4840.3	4853.85	
00:01:48		4856.9	4868.53	
00:01:39		4841.9	4855.52	
00:01:30	118.0	4841.9	4855.49	
00:01:21		4841.9	4855.48	
00:01:12		4841.9	4855.45	
00:01:03	118.0	4841.9	4855.49	
00:00:54		4841.8	4855.48	
00:00:45		4841.8	4855.44	
00:00:36	118.0	4841.7	4855.44	
00:00:27		4841.7	4855.44	
00:00:18		4841.7	4855.43	
00:00:09		4841.8	4855.43	
00:00:00	118.1	4841.7	4855.44	

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

MRPS 1 Quartz Gauge Pressure (BQP1)

MRHY 1 Motor Speed

MRPS 1 Strain Gauge Pressure

0 (PSIA) 10000

(HMS1) (RPM)
0 8000

Gauge Pressure (BSG1) (PSIG)

(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
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 21:59

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_141LTP	FN:226	PRODUCER	27−Nov−2004 18:02	3045.2 M	15.1 M

Output DLIS Files

DEFAULT	MDT_OFA_047PTP	FN:46	PRODUCER	27−Nov−2004 21:59

Input DLIS Files

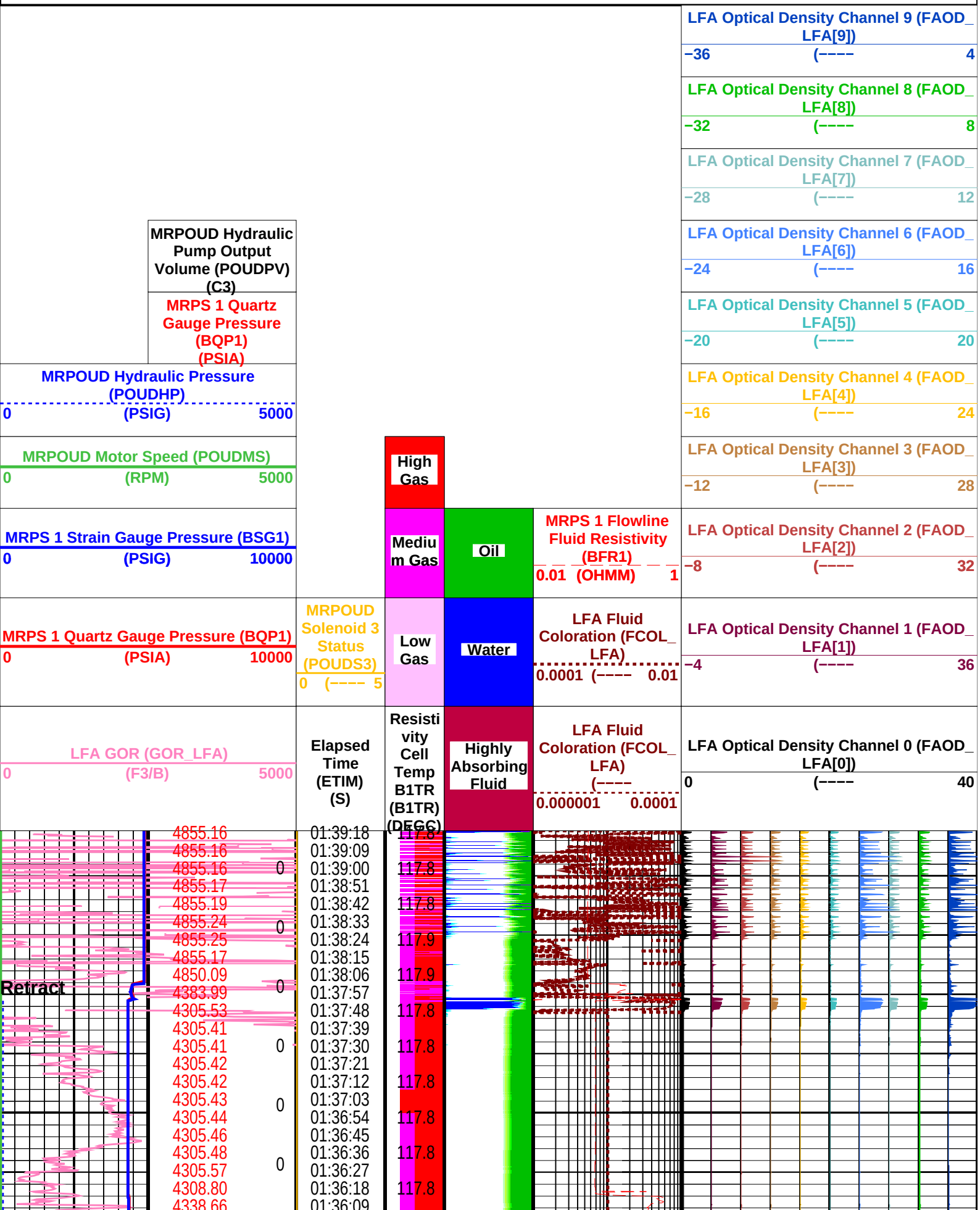
DEFAULT	MDT_OFA_141LTP	FN:226	PRODUCER	27−Nov−2004 18:02	3045.2 M	15.1 M

Output DLIS Files

DEFAULT	MDT_OFA_047PTP	FN:46	PRODUCER	27−Nov−2004 21:59	3045.2 M	15.1 M

Elapsed Time (s)	Event Summary
5883.3	Retract Single Probe Module (MRPS) 1
5754.0	Pumping Stopped 32175.0 C3 Dual Up−down Pumpout Module (MRPOUD)
1950.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
1932.9	Pumping Stopped 9945.0 C3 Dual Up−down Pumpout Module (MRPOUD)
395.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
180.6	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1

131.7	Initialize Multi−Sample Module (MRMS) 2
74.4	Probe Set @ 3045.2 M Single Probe Module (MRPS) 1



Pumping Stopped 32175.0 C3

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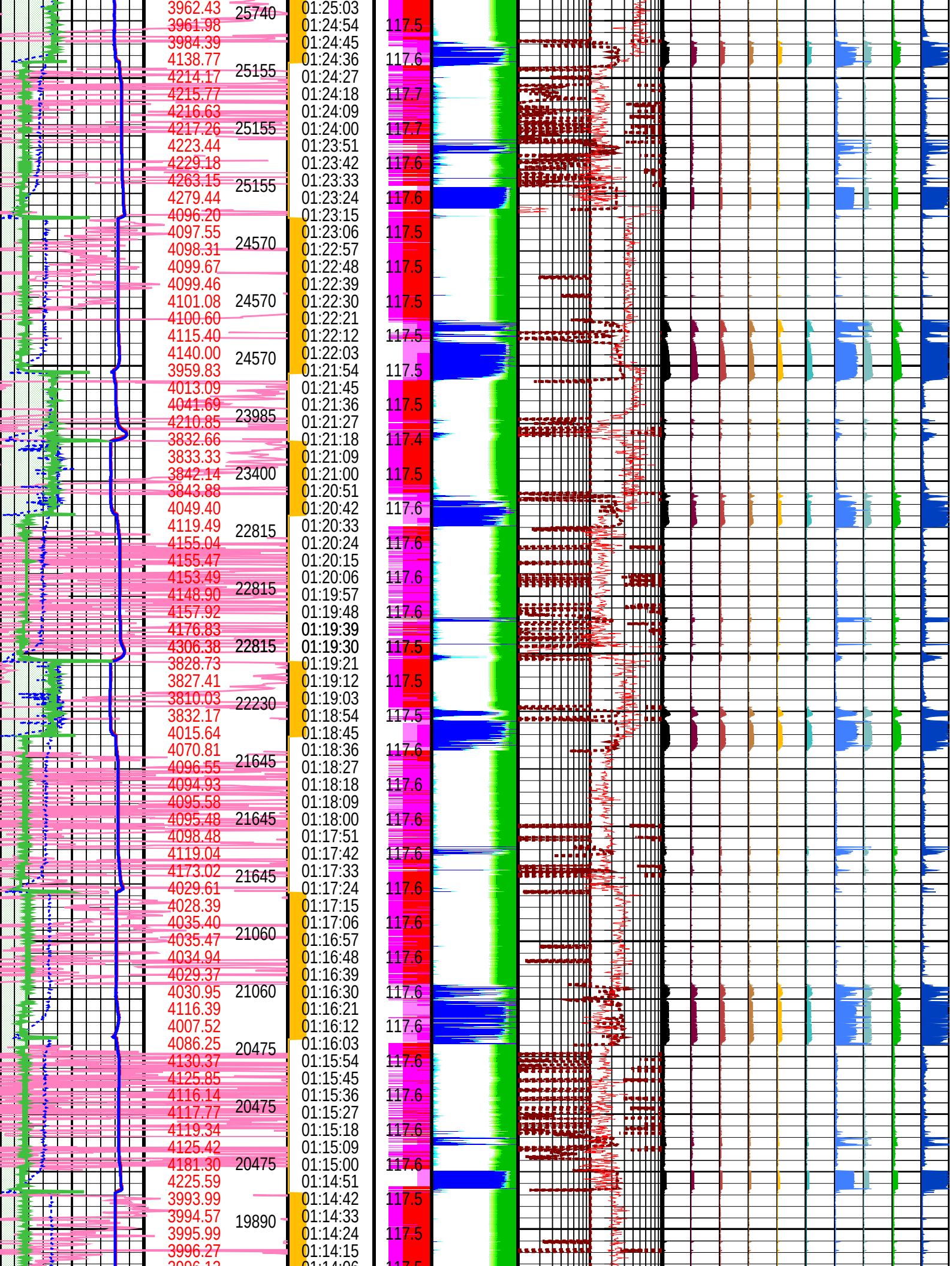
4199.33		01:35:51	
4200.05	32175	01:35:42	117.7
4200.78		01:35:33	
4201.07		01:35:24	117.6
4210.00	32175	01:35:15	
4341.90		01:35:06	117.7
4129.30		01:34:57	
4129.01		01:34:48	117.6
4131.10	31590	01:34:39	
4131.97		01:34:30	117.6
4129.69		01:34:21	
4129.36	31590	01:34:12	117.6
4142.47		01:34:03	
4202.86		01:33:54	117.6
4164.82	31005	01:33:45	
4190.80		01:33:36	117.6
4190.09		01:33:27	
4190.39		01:33:18	117.6
4190.20	31005	01:33:09	
4189.47		01:33:00	117.6
4186.48		01:32:51	
4184.01	31005	01:32:42	117.6
4206.14		01:32:33	
4137.00		01:32:24	117.6
4110.30	30420	01:32:15	
4111.48		01:32:06	117.5
4112.50		01:31:57	
4113.62		01:31:48	117.5
4114.70	30420	01:31:39	
4115.55		01:31:30	117.5
4151.12		01:31:21	
4182.45	30420	01:31:12	117.6
3988.89		01:31:03	
4028.28		01:30:54	117.5
4027.05		01:30:45	
4105.05	29835	01:30:36	117.5
3946.76		01:30:27	
3938.90		01:30:18	117.5
3945.40	29250	01:30:09	
3985.69		01:30:00	117.5
4170.41		01:29:51	
4228.95	28665	01:29:42	117.6
4228.55		01:29:33	
4227.56		01:29:24	117.7
4226.99	28665	01:29:15	
4227.79		01:29:06	117.6
4222.29		01:28:57	
4219.38		01:28:48	117.6
4241.01	28665	01:28:39	
4274.30		01:28:30	117.7
4112.82		01:28:21	
4112.09	28080	01:28:12	117.6
4113.55		01:28:03	
4114.36		01:27:54	117.5
4116.36	28080	01:27:45	
4117.83		01:27:36	117.5
4130.26		01:27:27	
4190.03		01:27:18	117.6
3997.21	27495	01:27:09	
3992.68		01:27:00	117.5
4013.03		01:26:51	
4246.87	27495	01:26:42	117.5
3932.37		01:26:33	
3933.89		01:26:24	117.5
3936.40	26910	01:26:15	
4008.48		01:26:06	117.5
4041.34		01:25:57	
4150.57		01:25:48	117.6
4158.72	26325	01:25:39	
4376.47		01:25:30	117.7
3954.21		01:25:21	
		01:25:12	117.5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3961.98 01:24:54 117.5
3984.39 01:24:45
4138.77 01:24:36 117.6
4214.17 25155 01:24:27
4215.77 01:24:18 117.7
4216.63 01:24:09
4217.26 25155 01:24:00 117.7
4223.44 01:23:51
4229.18 01:23:42 117.6
4263.15 25155 01:23:33
4279.44 01:23:24 117.6
4096.20 01:23:15
4097.55 01:23:06 117.5
4098.31 24570 01:22:57
4099.67 01:22:48 117.5
4099.46 01:22:39
4101.08 24570 01:22:30 117.5
4100.60 01:22:21
4115.40 01:22:12 117.5
4140.00 24570 01:22:03
3959.83 01:21:54 117.5
4013.09 01:21:45
4041.69 01:21:36 117.5
4210.85 23985 01:21:27
3832.66 01:21:18 117.4
3833.33 01:21:09
3842.14 23400 01:21:00 117.5
3843.88 01:20:51
4049.40 01:20:42 117.6
4119.49 22815 01:20:33
4155.04 01:20:24 117.6
4155.47 01:20:15
4153.49 01:20:06 117.6
4148.90 22815 01:19:57
4157.92 01:19:48 117.6
4176.83 01:19:39
4306.38 22815 01:19:30 117.5
3828.73 01:19:21
3827.41 01:19:12 117.5
3810.03 22230 01:19:03
3832.17 01:18:54 117.5
4015.64 01:18:45
4070.81 01:18:36 117.6
4096.55 21645 01:18:27
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4173.02 21645 01:17:33
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4028.39 01:17:15
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4030.95 21060 01:16:30 117.6
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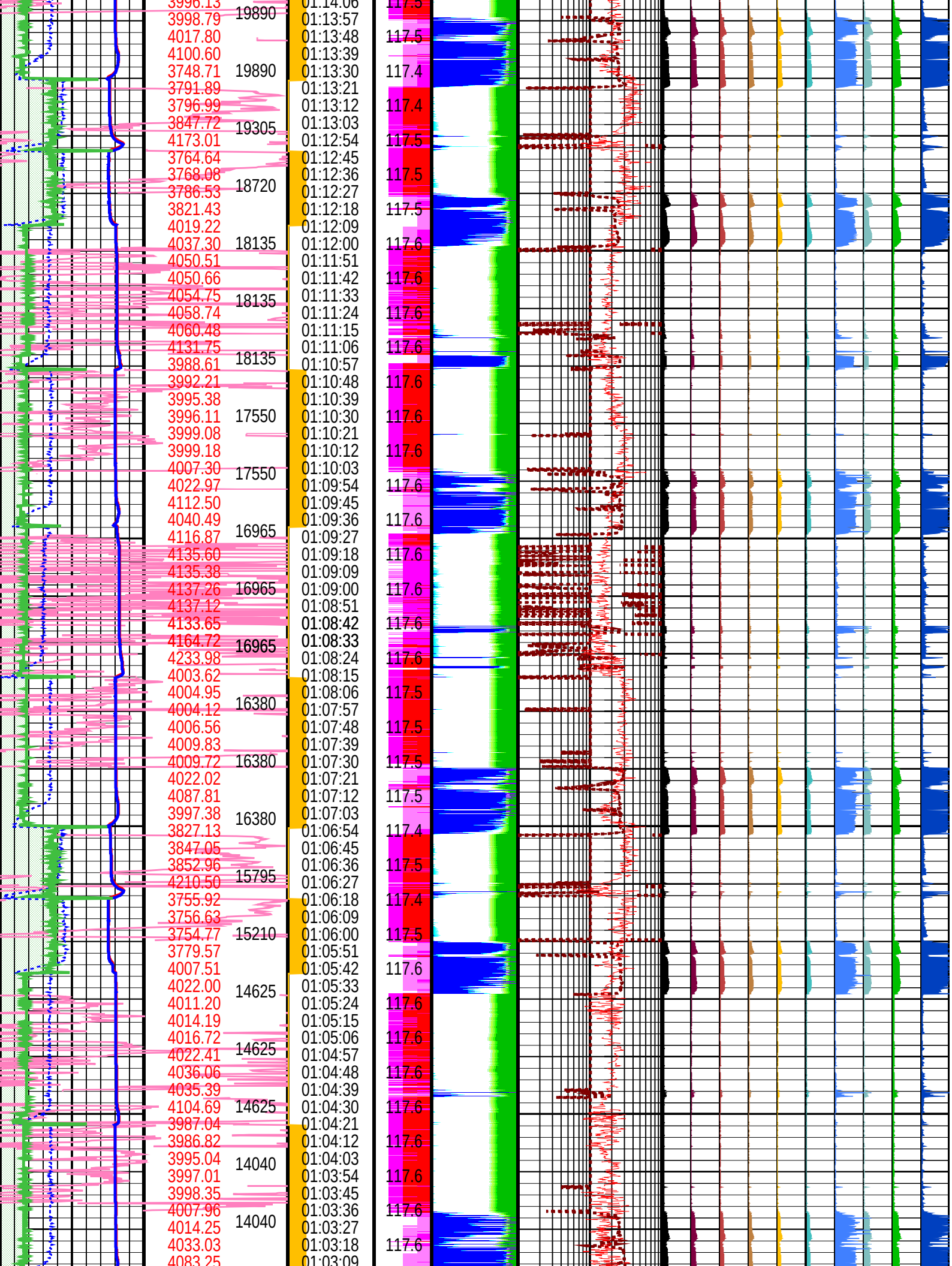
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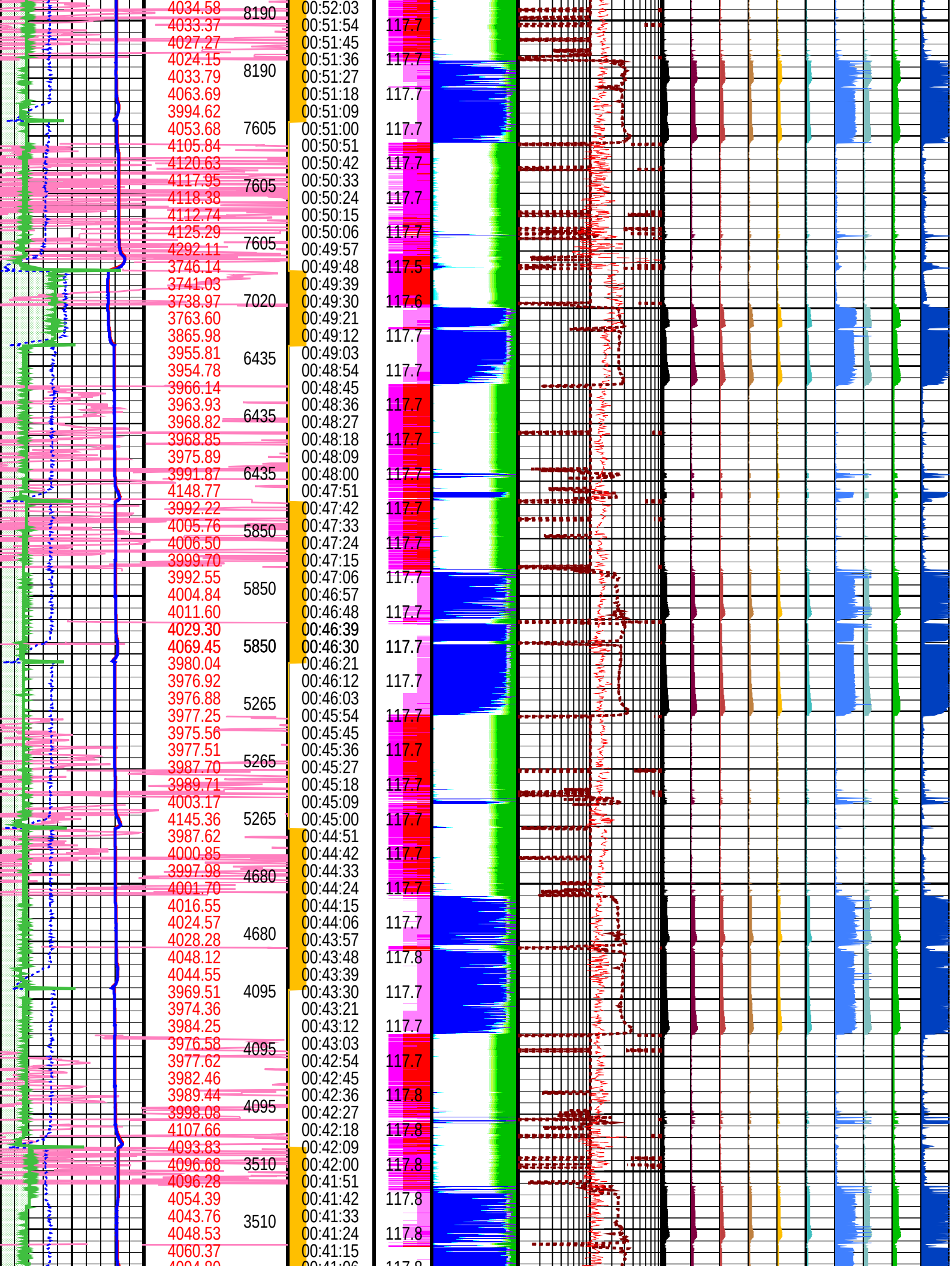
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4000.85 00:44:42 117.7
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4107.66 00:42:18 117.8
4093.83 00:42:09
4096.68 3510 00:42:00 117.8
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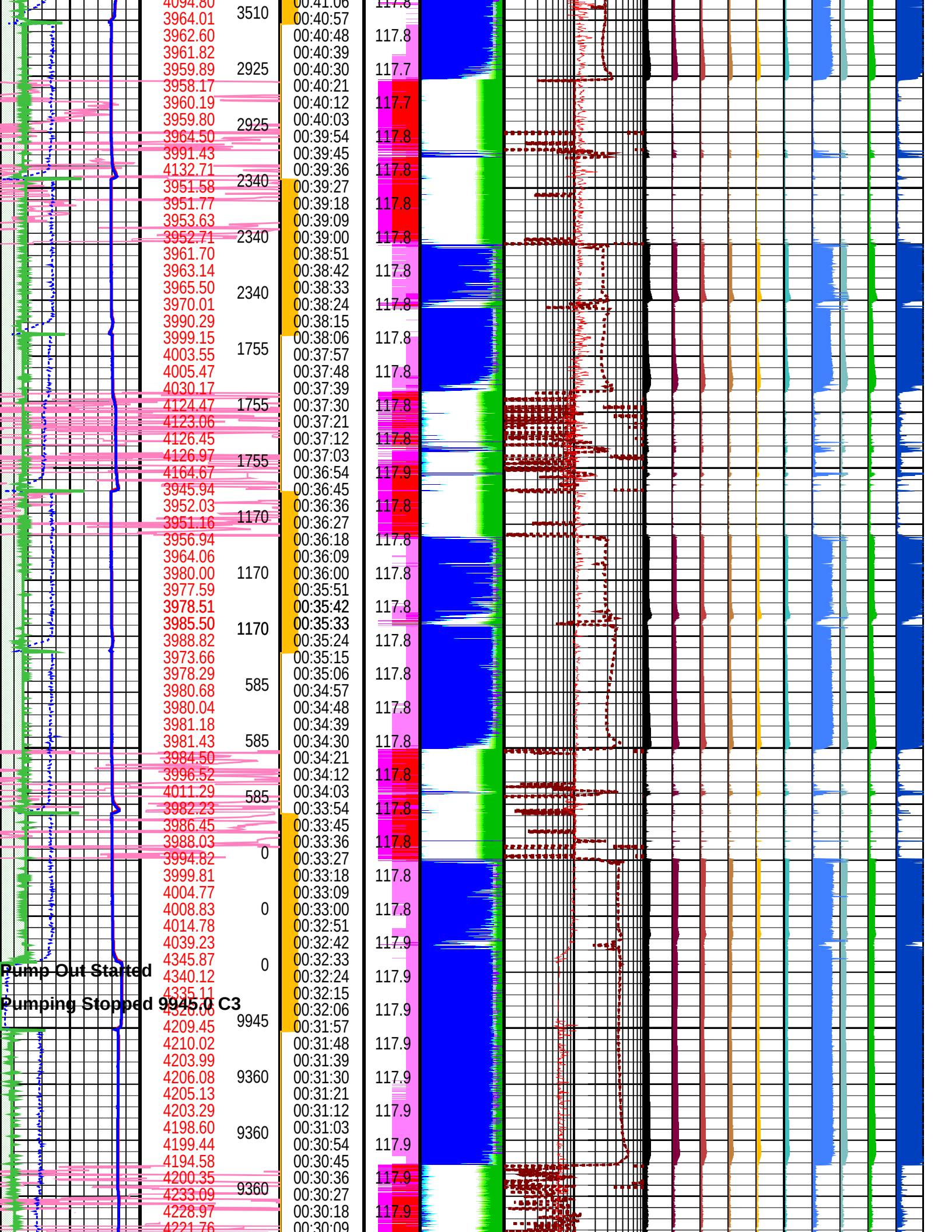
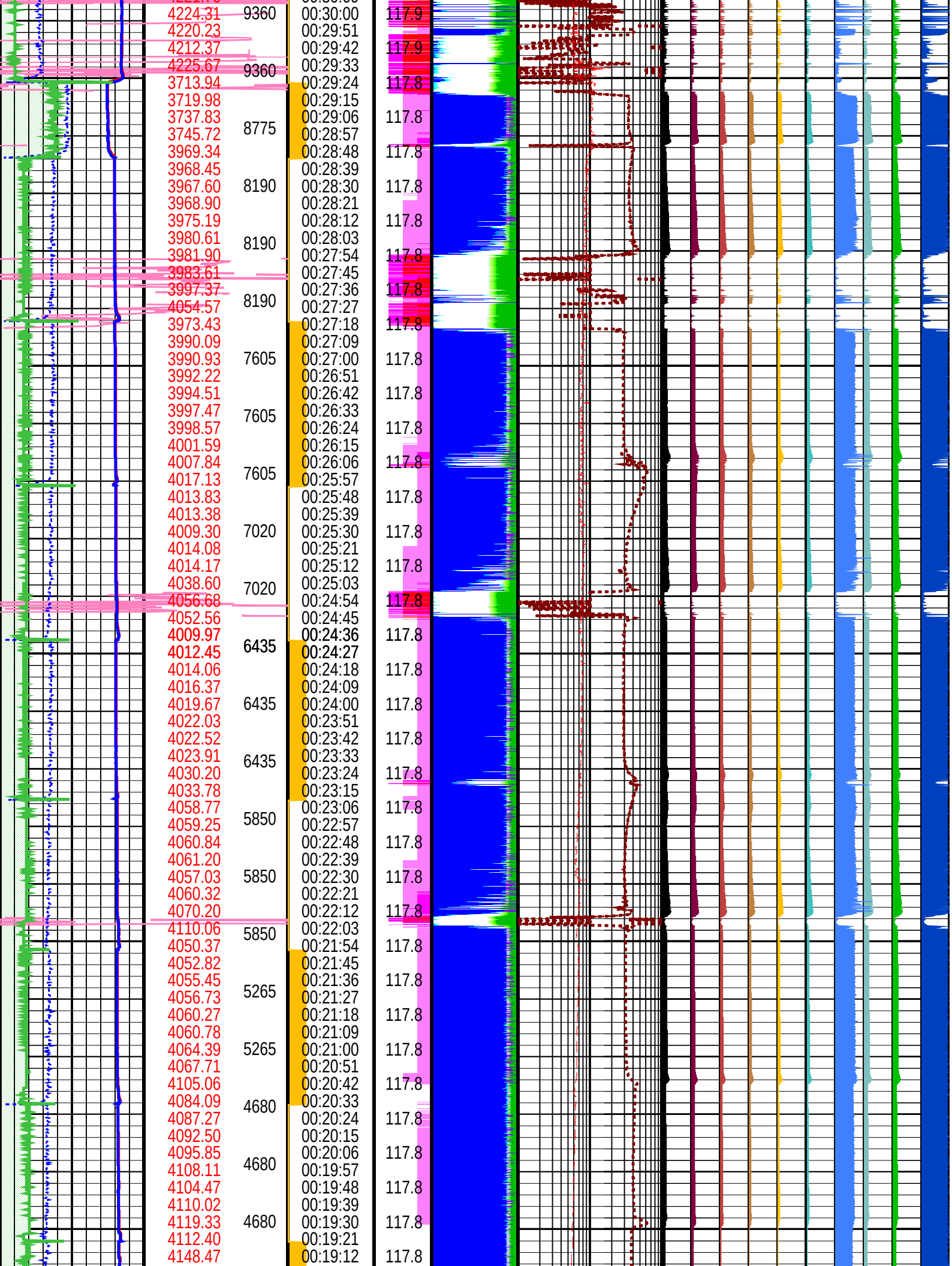

Pump Out Started
Pumping Stopped 9945.0 C3



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3975.19		00:28:12	117.8
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4014.08		00:25:21	
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4022.52		00:23:42	117.8
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4060.84		00:22:48	117.8
4061.20		00:22:39	
4057.03	5850	00:22:30	117.8
4060.32		00:22:21	
4070.20		00:22:12	117.8
4110.06	5850	00:22:03	
4050.37		00:21:54	117.8
4052.82		00:21:45	
4055.45		00:21:36	117.8
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4067.71		00:20:51	
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4092.50		00:20:15	
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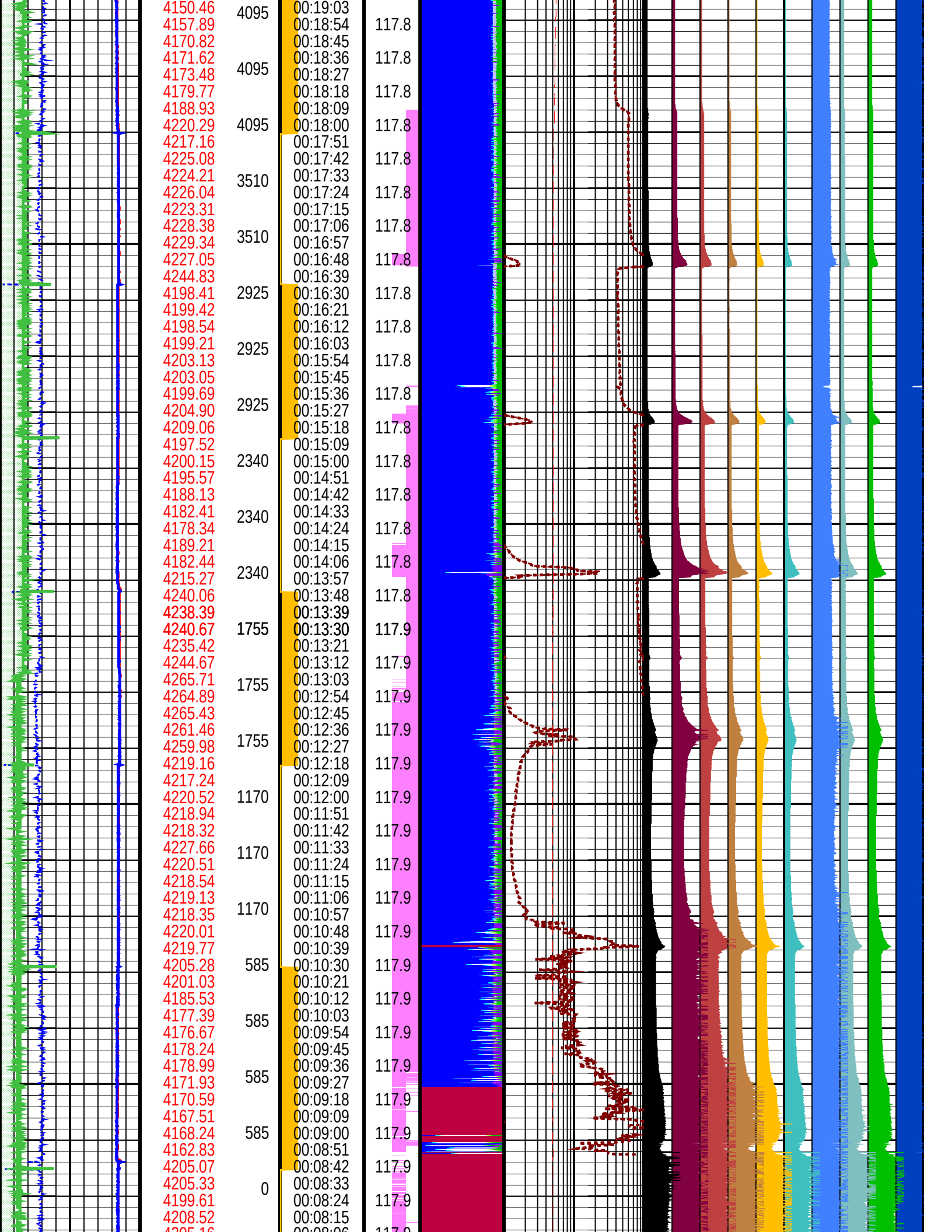

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4188.93		00:18:09	
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4224.21	3510	00:17:33	
4226.04		00:17:24	117.8
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4189.21		00:14:15	
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4215.27	2340	00:13:57	
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4264.89		00:12:54	117.9
4265.43		00:12:45	
4261.46		00:12:36	117.9
4259.98	1755	00:12:27	
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4217.24		00:12:09	
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4218.94		00:11:51	
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4220.51		00:11:24	117.9
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4219.13		00:11:06	117.9
4218.35	1170	00:10:57	
4220.01		00:10:48	117.9
4219.77		00:10:39	
4205.28	585	00:10:30	117.9
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4177.39	585	00:10:03	
4176.67		00:09:54	117.9
4178.24		00:09:45	
4178.99	585	00:09:36	117.9
4171.93		00:09:27	
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4167.51		00:09:09	
4168.24	585	00:09:00	117.9
4162.83		00:08:51	
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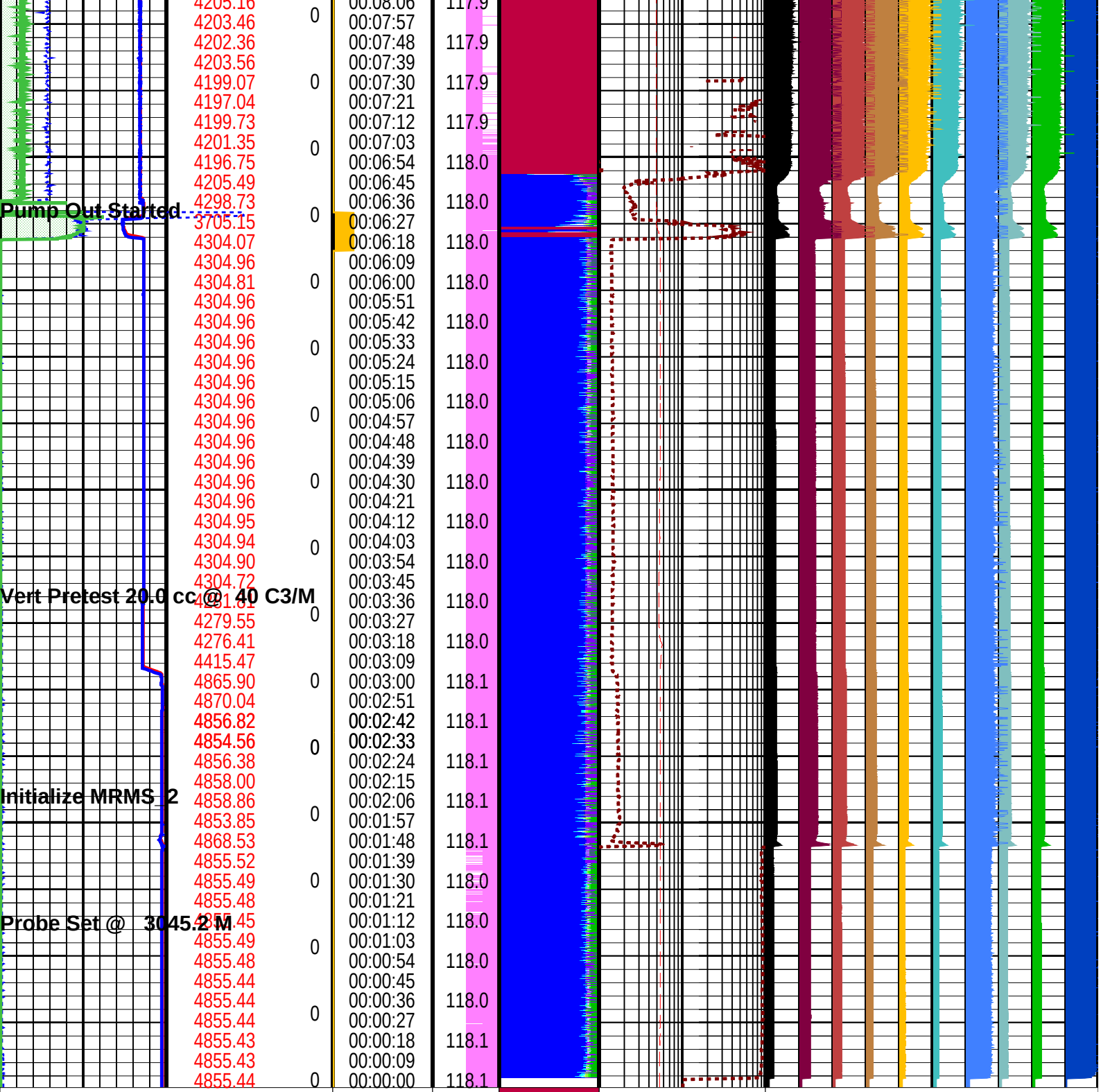


LFA GOR (GOR_LFA) 0 (F3/B) 5000	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)	Highly Absorbing Fluid	LFA Fluid Coloration (FCOL_LFA) (---- 0.000001 0.0001	LFA Optical Density Channel 0 (FAOD_LFA[0]) 0 (---- 40
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10000	MRPOUD Solenoid 3 Status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

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)

High Gas

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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 21:59

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

DEFAULT	MDT_OFA_141LTP	FN:226	PRODUCER	27−Nov−2004 18:02	3045.2 M	15.1 M

Output DLIS Files

DEFAULT	MDT_OFA_047PTP	FN:46	PRODUCER	27−Nov−2004 21:59

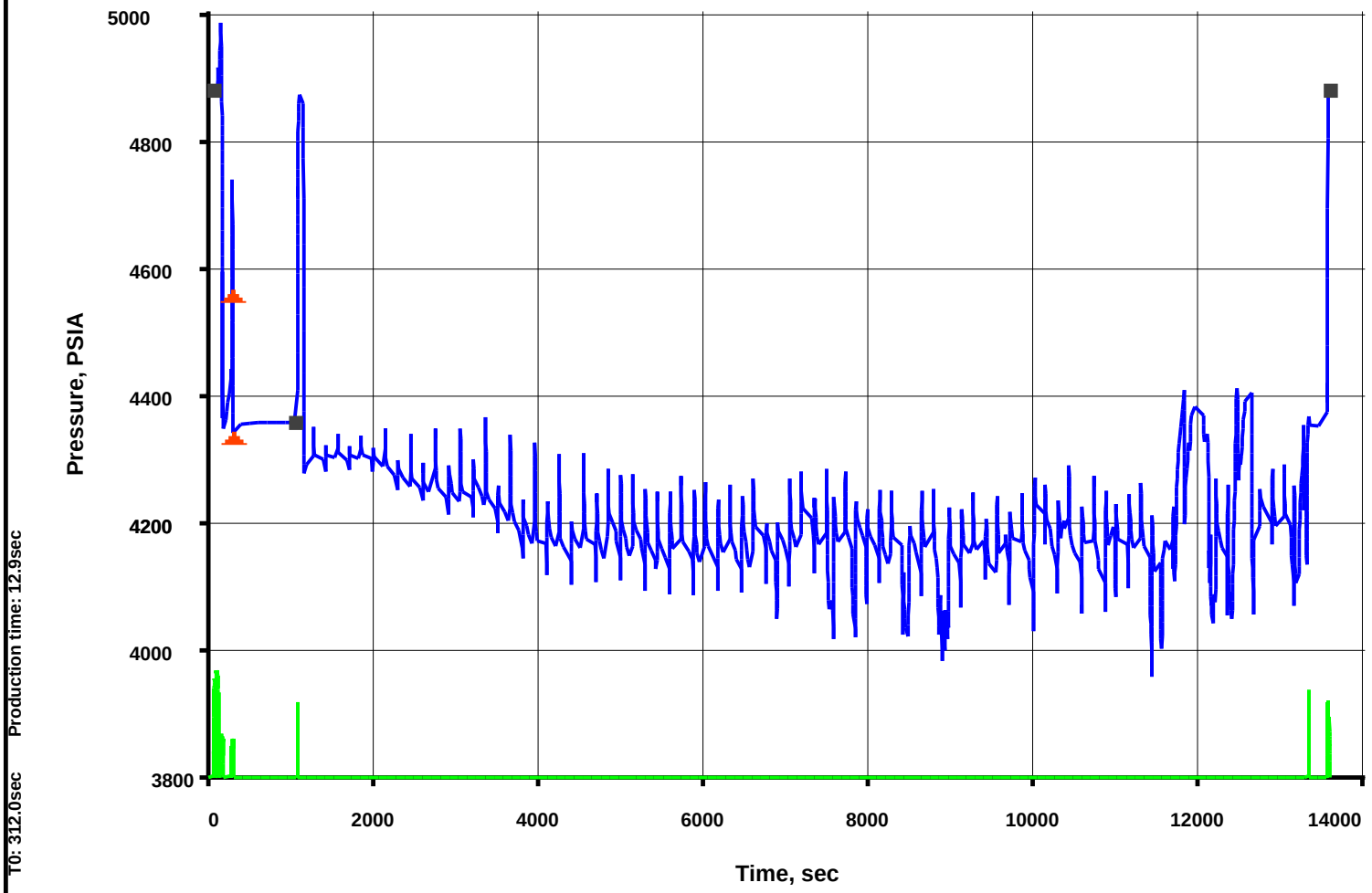
Schlumberger

Sample @ 3057.2 mMD

MAXIS Field Log

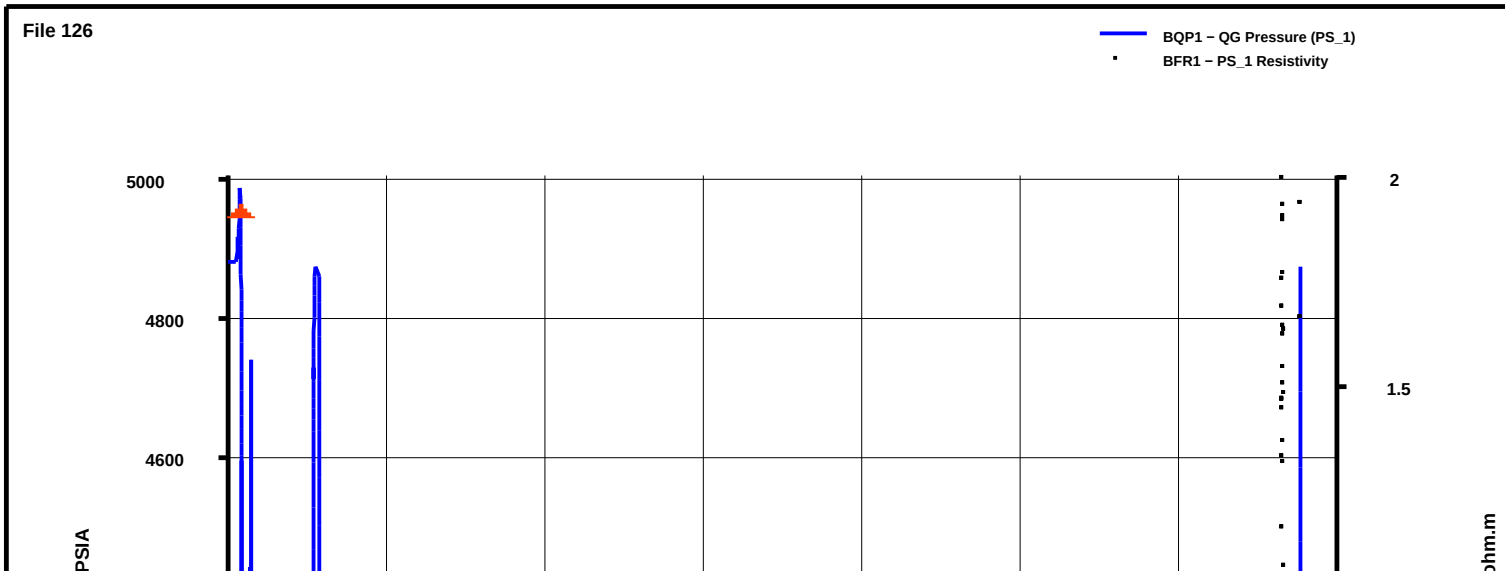
File 126 Depth, M: 3057.22 Volumetric Limited draw−down − Large−Diameter probe

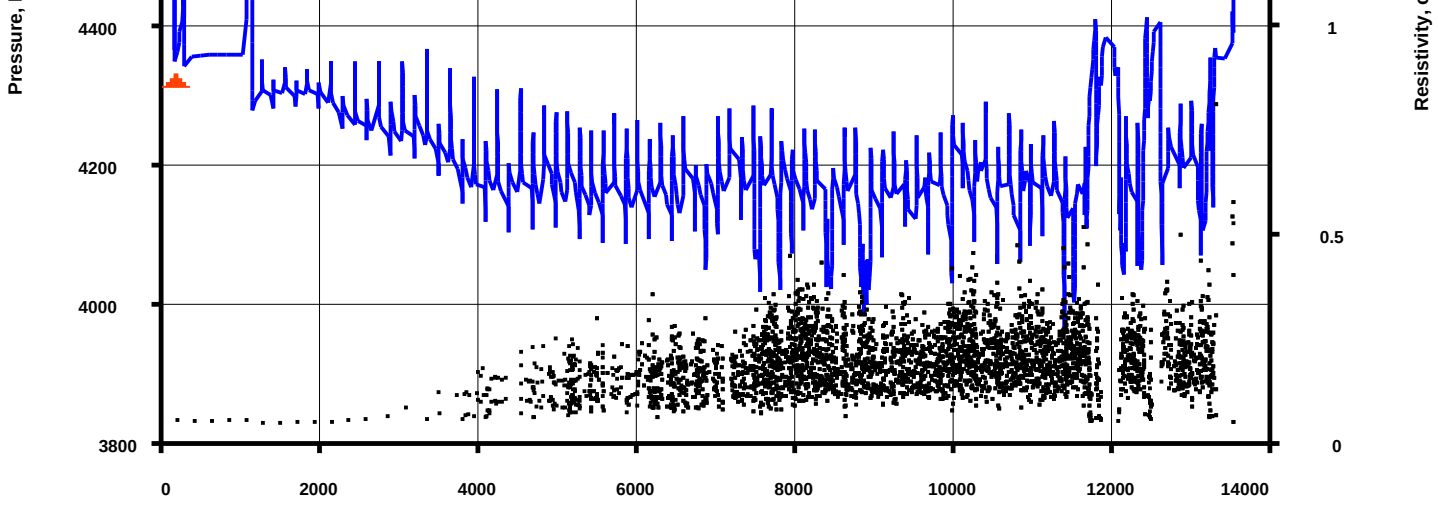
Mud Pressure before test, PSIA:	4875.49
Mud Pressure after test, PSIA:	4875.3
Last build−up pressure, PSIA:	4356.29
Draw−down mobility, md/cp:	17.8



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

File 126





Start of Test Time: 163.5 sec

Start of Build−up Time: 185.1 sec

Reference pressure st start of build−up (BQP1) 4967.2 PSIA.

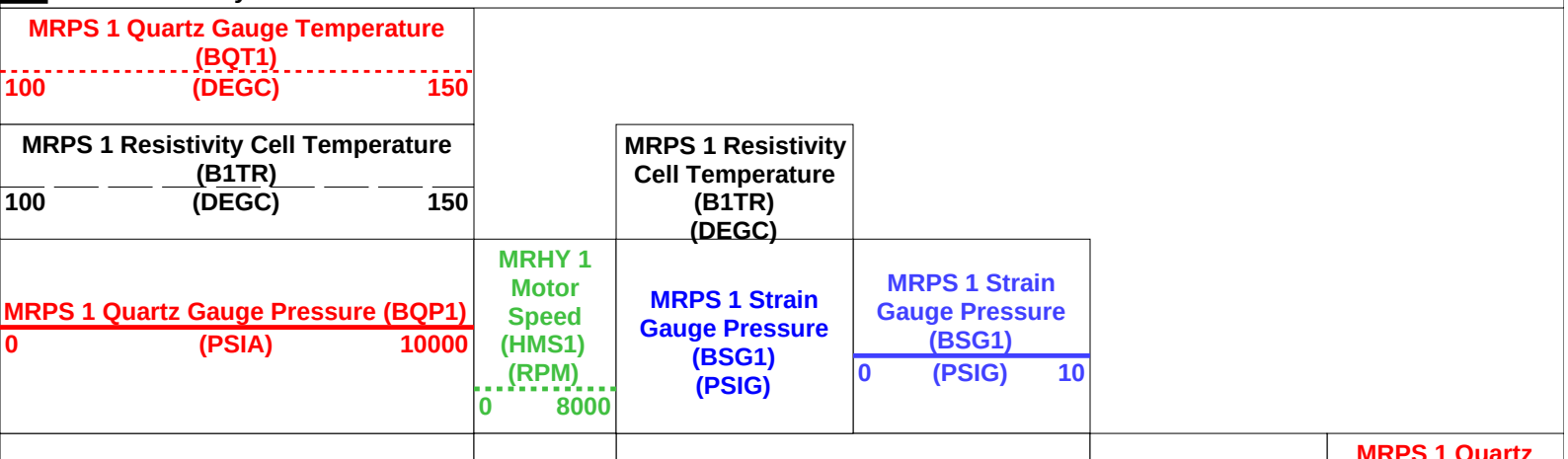
Output DLIS Files

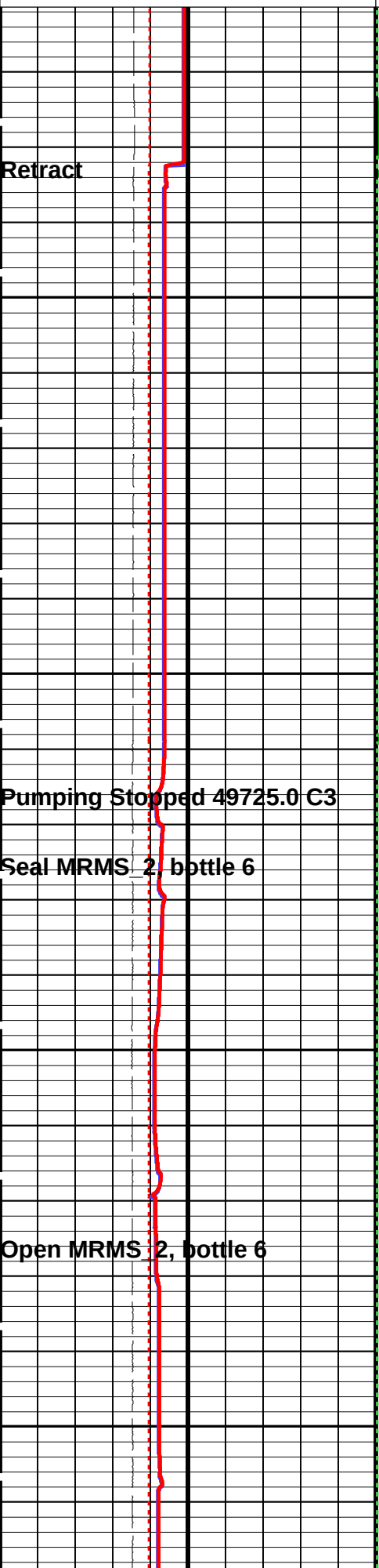
DEFAULT	MDT_OFA_126LTP	FN:205	PRODUCER	26−Nov−2004 22:35	3057.2 M	34.6 M
RT_BACKUP	MDT_OFA_126LTP	FN:206	PRODUCER	26−Nov−2004 22:35	3057.2 M	34.6 M

Elapsed Time (s)	Event Summary
13541.7	Retract Single Probe Module (MRPS) 1
13291.8	Pumping Stopped 49725.0 C3 Dual Up−down Pumpout Module (MRPOUD)
13263.9	Seal Multi−Sample Module (MRMS) 2, bottle 6
13111.5	Open Multi−Sample Module (MRMS) 2, bottle 6, sample number = 8
12613.5	Seal Multi−Sample Module (MRMS) 1, bottle 1
12336.6	Open Multi−Sample Module (MRMS) 1, bottle 1, sample number = 7
12121.2	Seal Multi−Sample Module (MRMS) 2, bottle 5
11529.0	Open Multi−Sample Module (MRMS) 2, bottle 5, sample number = 6
1151.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
291.0	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
163.5	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
91.8	Probe Set @ 3057.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

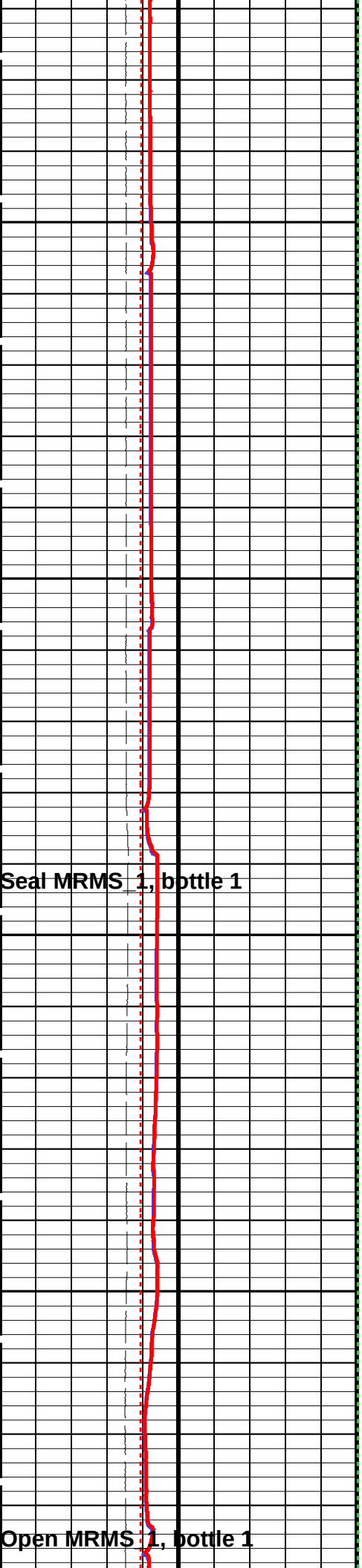
Time Mark Every 60 S



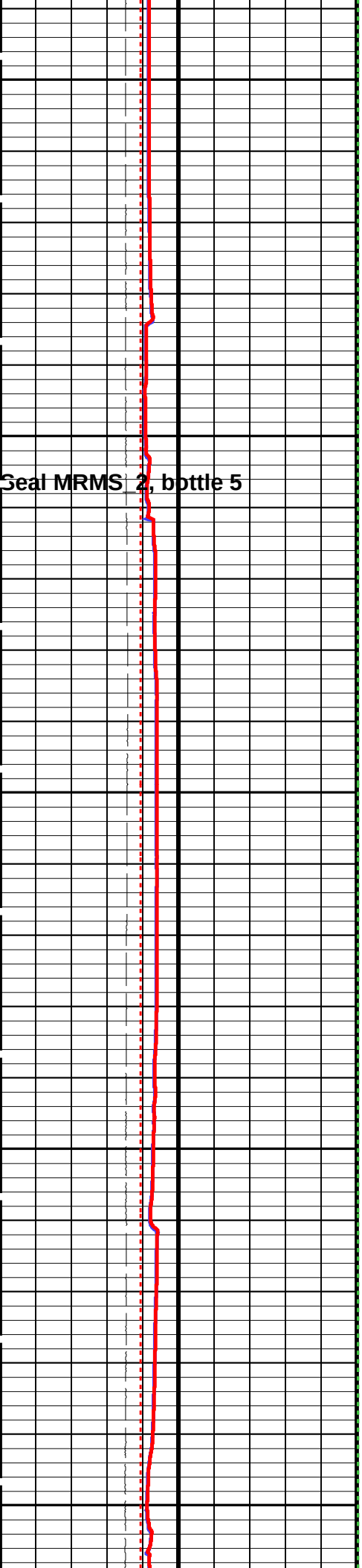


MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000	Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30		MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
	03:46:39		4861.1	4875.29
	03:46:30	117.7	4861.1	4875.29
	03:46:21		4861.1	4875.31
	03:46:12		4861.2	4875.33
	03:46:03	117.8	4861.1	4875.33
	03:45:54		4860.9	4875.25
	03:45:45		4859.9	4873.88
Retract	03:45:36		4394.7	4414.57
	03:45:27	117.7	4337.5	4351.32
	03:45:18		4337.5	4351.27
	03:45:09		4337.5	4351.26
	03:45:00	117.7	4337.5	4351.27
	03:44:51		4337.6	4351.27
	03:44:42		4337.5	4351.26
	03:44:33	117.6	4337.6	4351.26
	03:44:24		4337.5	4351.26
	03:44:15		4337.6	4351.25
	03:44:06	117.6	4337.5	4351.26
	03:43:57		4337.5	4351.26
	03:43:48		4337.6	4351.27
	03:43:39		4337.6	4351.25
	03:43:30	117.6	4337.5	4351.26
	03:43:21		4337.5	4351.27
	03:43:12		4337.6	4351.28
	03:43:03	117.6	4337.6	4351.31
	03:42:54		4337.6	4351.32
	03:42:45		4337.6	4351.32
	03:42:36	117.6	4337.7	4351.33
	03:42:27		4337.7	4351.36
	03:42:18		4337.7	4351.42
	03:42:09		4337.9	4351.62
	03:42:00	117.6	4338.8	4352.80
	03:41:51		4347.7	4360.30
	03:41:42		4325.1	4336.46
	03:41:33	117.5	4197.4	4169.86
Pumping Stopped 49725.0 C3	03:41:24		4145.2	4163.76
	03:41:15		4283.1	4294.13
	03:41:06		4257.5	4266.72
Seal MRMS_2, bottle 6	03:40:57	117.5	4204.3	4215.69
	03:40:48		4299.7	4311.69
	03:40:39		4279.1	4291.18
	03:40:30	117.5	4256.7	4269.61
	03:40:21		4242.3	4255.03
	03:40:12		4212.2	4223.83
	03:40:03	117.5	4174.3	4181.99
	03:39:54		4104.6	4117.50
	03:39:45		4083.5	4097.76
	03:39:36		4078.7	4092.35
	03:39:27	117.5	4082.9	4096.12
	03:39:18		4089.3	4106.11
	03:39:09		4128.3	4144.78
	03:39:00	117.5	4254.5	4258.22
	03:38:51		4104.9	4119.23
	03:38:42		4107.4	4120.74
	03:38:33	117.5	4121.0	4134.52
Open MRMS_2, bottle 6	03:38:24		4124.1	4137.82
	03:38:15		4197.9	4212.31
	03:38:06		4198.1	4211.87
	03:37:57	117.5	4198.9	4212.67
	03:37:48		4197.1	4211.62
	03:37:39		4198.1	4212.34
	03:37:30	117.6	4197.3	4211.26
	03:37:21		4197.3	4211.79
	03:37:12		4200.4	4217.38
	03:37:03	117.6	4230.5	4244.82
	03:36:54		4183.7	4197.83
	03:36:45		4184.2	4197.80
	03:36:36		4183.9	4197.62
	03:36:27	117.5	4179.0	4192.55

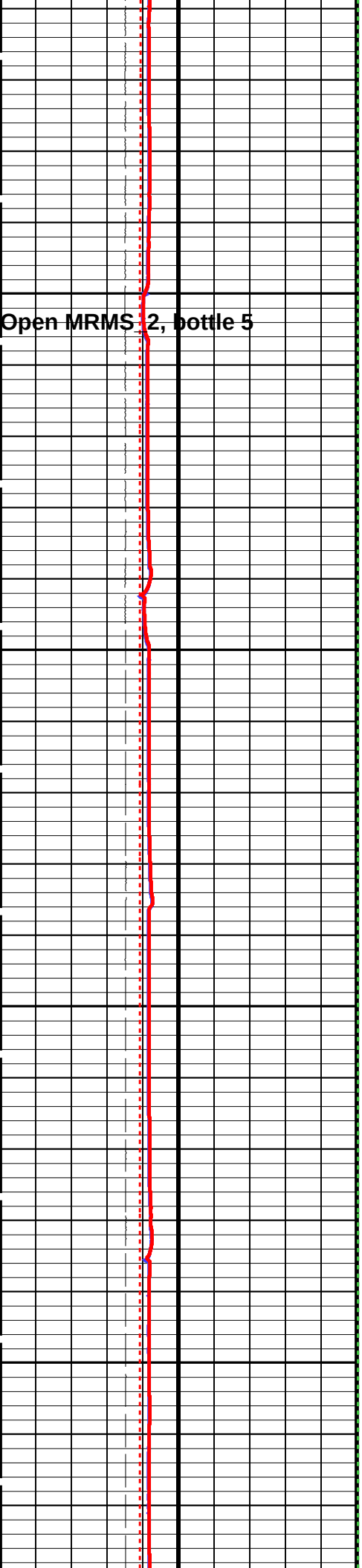
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



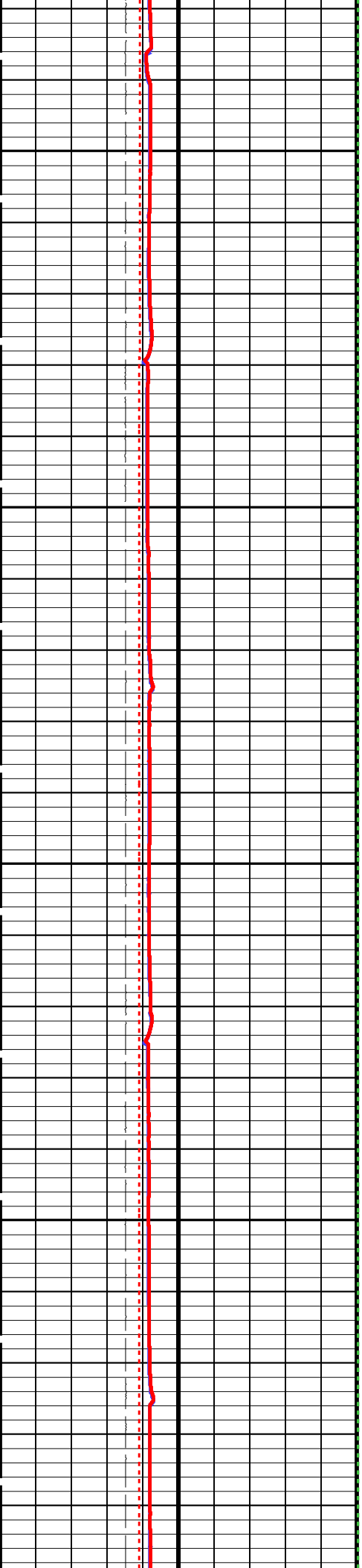
03:36:18		4176.3	4189.67
03:36:09		4173.7	4187.44
03:36:00	117.5	4174.0	4187.24
03:35:51		4175.3	4189.16
03:35:42		4174.6	4188.68
03:35:33	117.5	4176.5	4190.71
03:35:24		4178.5	4192.36
03:35:15		4178.3	4192.41
03:35:06		4185.9	4201.22
03:34:57	117.6	4193.3	4210.10
03:34:48		4219.1	4232.63
03:34:39		4275.2	4286.46
03:34:30	117.6	4186.1	4158.55
03:34:21		4201.4	4215.17
03:34:12		4199.0	4212.98
03:34:03	117.6	4199.4	4213.37
03:33:54		4200.6	4214.40
03:33:45		4199.3	4213.44
03:33:36		4201.4	4214.83
03:33:27	117.6	4200.4	4215.00
03:33:18		4202.2	4215.38
03:33:09		4203.1	4217.11
03:33:00	117.6	4204.3	4217.65
03:32:51		4210.0	4222.84
03:32:42		4213.4	4227.56
03:32:33	117.6	4212.2	4225.78
03:32:24		4211.6	4225.52
03:32:15		4213.5	4228.75
03:32:06		4232.7	4246.23
03:31:57	117.6	4159.6	4173.81
03:31:48		4163.0	4178.10
03:31:39		4165.2	4180.37
03:31:30	117.6	4169.2	4182.69
03:31:21		4165.1	4179.10
03:31:12		4165.4	4177.53
03:31:03	117.6	4166.0	4176.62
03:30:54		4161.8	4175.82
03:30:45		4107.8	4105.00
03:30:36		4092.3	4107.91
03:30:27	117.8	4217.9	4241.00
03:30:18		4381.4	4394.81
03:30:09		4378.8	4392.77
03:30:00	117.8	4377.2	4390.59
03:29:51		4372.8	4386.45
03:29:42		4367.4	4380.71
03:29:33	117.8	4362.6	4376.52
03:29:24		4368.9	4383.11
03:29:15		4375.9	4386.53
03:29:06		4379.6	4393.93
03:28:57	117.6	4359.1	4372.82
03:28:48		4354.3	4367.25
03:28:39		4335.2	4348.38
03:28:30	117.6	4309.6	4321.78
03:28:21		4286.8	4298.76
03:28:12		4263.2	4281.89
03:28:03	117.6	4288.7	4300.62
03:27:54		4276.7	4290.71
03:27:45		4256.0	4279.61
03:27:36		4316.2	4340.06
03:27:27	117.7	4386.2	4400.35
03:27:18		4376.4	4388.27
03:27:09		4314.4	4322.99
03:27:00	117.5	4232.4	4245.08
03:26:51		4202.0	4212.06
03:26:42		4149.0	4158.36
03:26:33	117.4	4070.1	4078.88
03:26:24		4032.0	4044.24
03:26:15		4043.8	4060.46
03:26:06		4059.8	4076.77
03:25:57	117.5	4069.5	4088.15
03:25:48		4088.1	4106.00
03:25:39		4247.3	4259.43
03:25:30	117.5	4015.6	4071.09
03:25:21		4145.9	4159.17



03:25:21		4145.9	4159.17
03:25:12		4147.7	4160.58
03:25:03	117.5	4146.1	4159.83
03:24:54		4146.1	4159.73
03:24:45		4146.1	4160.08
03:24:36		4145.0	4158.96
03:24:27	117.5	4146.2	4160.04
03:24:18		4147.4	4161.30
03:24:09		4148.6	4162.55
03:24:00	117.5	4155.7	4175.69
03:23:51		4168.7	4182.57
03:23:42		4170.6	4185.00
03:23:33	117.5	4177.4	4193.25
03:23:24		4184.6	4199.82
03:23:15		4216.5	4234.04
03:23:06		4058.5	4074.48
03:22:57	117.5	4064.0	4077.16
03:22:48		4073.7	4085.71
03:22:39		4026.7	4043.09
03:22:30	117.5	4040.5	4054.11
03:22:21		4044.2	4061.92
03:22:12		4080.0	4134.04
03:22:03	117.6	4125.1	4133.57
03:21:54		4087.3	4109.24
03:21:45		4283.5	4287.01
03:21:36		4282.6	4299.89
03:21:27	117.7	4321.6	4335.15
03:21:18		4317.3	4330.92
03:21:09		4312.8	4325.50
03:21:00	117.7	4309.2	4323.22
03:20:51		4314.1	4328.73
03:20:42		4332.6	4348.82
03:20:33	117.8	4368.0	4382.76
03:20:24		4368.0	4381.75
03:20:15		4366.5	4380.25
03:20:06		4366.5	4380.01
03:19:57	117.7	4366.3	4380.11
03:19:48		4366.8	4380.61
03:19:39		4368.4	4382.35
03:19:30	117.7	4369.4	4383.27
03:19:21		4369.7	4383.40
03:19:12		4370.2	4383.88
03:19:03	117.7	4367.5	4380.84
03:18:54		4367.5	4380.93
03:18:45		4365.4	4378.91
03:18:36	117.6	4364.2	4377.55
03:18:27		4361.1	4375.05
03:18:18		4357.2	4369.78
03:18:09		4347.3	4359.83
03:18:00	117.6	4322.1	4331.78
03:17:51		4299.5	4313.67
03:17:42		4319.8	4328.97
03:17:33	117.6	4298.1	4308.72
03:17:24		4272.6	4284.97
03:17:15		4261.6	4274.31
03:17:06		4248.9	4258.46
03:16:57	117.6	4203.9	4211.10
03:16:48		4221.1	4267.46
03:16:39		4371.4	4383.89
03:16:30	117.6	4363.1	4376.15
03:16:21		4355.9	4367.90
03:16:12		4336.0	4348.39
03:16:03	117.6	4323.9	4337.36
03:15:54		4315.9	4329.91
03:15:45		4304.1	4317.78
03:15:36		4287.7	4300.34
03:15:27	117.5	4272.5	4286.09
03:15:18		4247.6	4259.73
03:15:09		4170.2	4181.13
03:15:00	117.4	4120.3	4134.12
03:14:51		4095.2	4109.10
03:14:42		4139.0	4158.38
03:14:33	117.4	4180.9	4178.75
03:14:24		4156.6	4170.37



03:14:15		4144.8	4152.57
03:14:06		4140.7	4154.83
03:13:57	117.4	4145.9	4159.22
03:13:48		4147.2	4161.12
03:13:39		4147.2	4161.39
03:13:30	117.5	4155.6	4170.92
03:13:21		4161.5	4175.24
03:13:12		4164.6	4177.21
03:13:03	117.5	4161.1	4170.63
03:12:54		4154.5	4165.83
03:12:45		4138.4	4151.77
03:12:36	117.5	4115.6	4130.80
03:12:27		4129.4	4142.92
03:12:18		3991.5	4005.61
03:12:09		3986.6	4004.49
03:12:00	117.5	4124.8	4138.05
03:11:51		4110.3	4122.97
03:11:42		4108.0	4121.98
03:11:33	117.5	4108.3	4121.37
03:11:24		4106.5	4120.49
03:11:15		4106.6	4120.46
03:11:06	117.5	4109.6	4122.26
03:10:57		4103.7	4116.74
03:10:48		4118.7	4135.61
03:10:39		4128.3	4142.10
03:10:30	117.5	4163.2	4175.96
03:10:21		4197.8	4202.38
03:10:12		4024.5	4037.03
03:10:03	117.5	4020.9	4036.35
03:09:54		4089.8	4115.91
03:09:45		4149.5	4162.82
03:09:36	117.5	4147.6	4161.43
03:09:27		4142.4	4155.02
03:09:18		4142.0	4154.98
03:09:09		4138.7	4153.55
03:09:00	117.5	4148.6	4161.84
03:08:51		4149.9	4163.20
03:08:42		4148.0	4161.30
03:08:33	117.5	4153.4	4167.85
03:08:24		4172.0	4185.79
03:08:15		4190.5	4203.05
03:08:06		4236.0	4252.82
03:07:57	117.5	4140.3	4154.61
03:07:48		4144.0	4157.10
03:07:39		4143.2	4156.80
03:07:30	117.5	4141.2	4154.27
03:07:21		4141.1	4155.00
03:07:12		4144.0	4157.48
03:07:03	117.5	4142.8	4156.63
03:06:54		4143.8	4157.67
03:06:45		4146.3	4160.34
03:06:36		4146.6	4162.28
03:06:27	117.5	4161.6	4176.18
03:06:18		4162.8	4176.82
03:06:09		4162.9	4177.57
03:06:00	117.5	4180.1	4196.71
03:05:51		4196.9	4209.13
03:05:42		4232.4	4238.98
03:05:33	117.5	4155.7	4171.40
03:05:24		4153.3	4166.32
03:05:15		4152.2	4166.35
03:05:06	117.5	4150.0	4163.36
03:04:57		4150.6	4163.61
03:04:48		4151.3	4165.26
03:04:39		4154.4	4167.85
03:04:30	117.5	4156.7	4170.56
03:04:21		4155.7	4168.78
03:04:12		4147.8	4162.05
03:04:03	117.5	4148.3	4161.46
03:03:54		4149.2	4163.25
03:03:45		4150.8	4164.87
03:03:36	117.5	4154.1	4167.20
03:03:27		4162.4	4177.69



03:03:18		4174.5	4192.47
03:03:09		4195.6	4209.20
03:03:00	117.5	4063.3	4079.75
03:02:51		4120.0	4145.72
03:02:42		4179.1	4192.58
03:02:33	117.5	4181.7	4195.65
03:02:24		4178.3	4191.35
03:02:15		4177.1	4190.81
03:02:06		4175.9	4189.63
03:01:57	117.5	4171.7	4184.67
03:01:48		4150.6	4164.65
03:01:39		4148.5	4160.89
03:01:30	117.5	4146.0	4159.23
03:01:21		4160.8	4174.53
03:01:12		4182.5	4196.69
03:01:03	117.5	4226.5	4248.04
03:00:54		4135.2	4126.44
03:00:45		4119.3	4133.65
03:00:36		4105.1	4118.53
03:00:27	117.5	4102.0	4115.29
03:00:18		4101.6	4115.91
03:00:09		4103.3	4117.01
03:00:00	117.5	4102.1	4116.07
02:59:51		4106.6	4120.29
02:59:42		4112.7	4123.53
02:59:33	117.5	4117.2	4135.13
02:59:24		4134.4	4148.24
02:59:15		4137.4	4151.65
02:59:06		4144.6	4157.70
02:58:57	117.5	4149.8	4163.65
02:58:48		4154.1	4172.90
02:58:39		4190.3	4208.53
02:58:30	117.5	4157.1	4170.78
02:58:21		4154.3	4168.40
02:58:12		4155.3	4169.20
02:58:03	117.5	4156.0	4170.50
02:57:54		4157.5	4170.81
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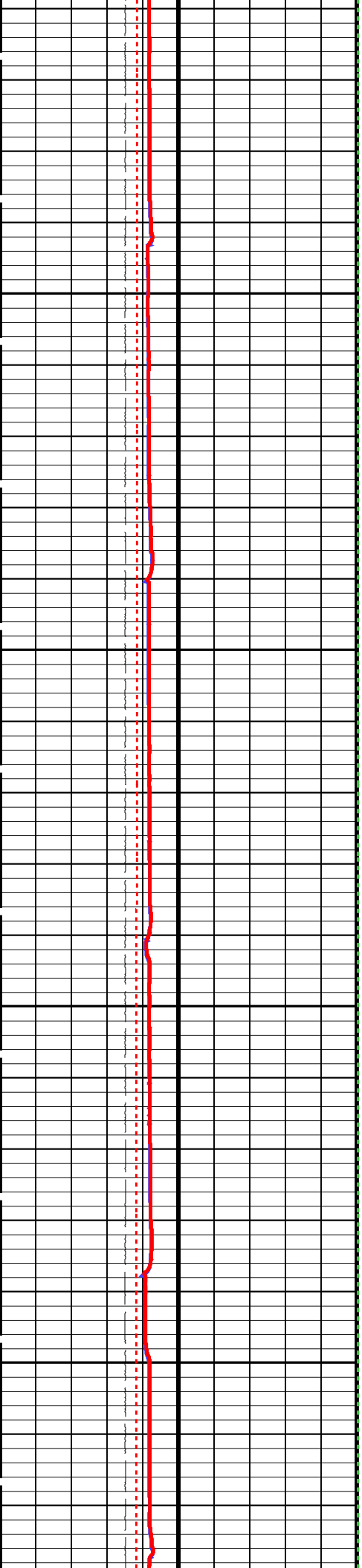

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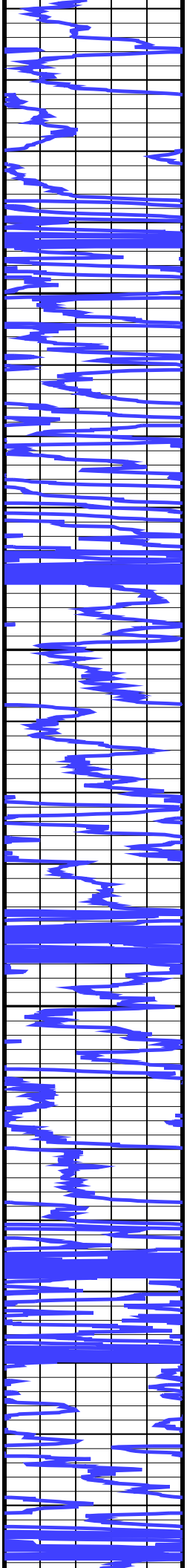

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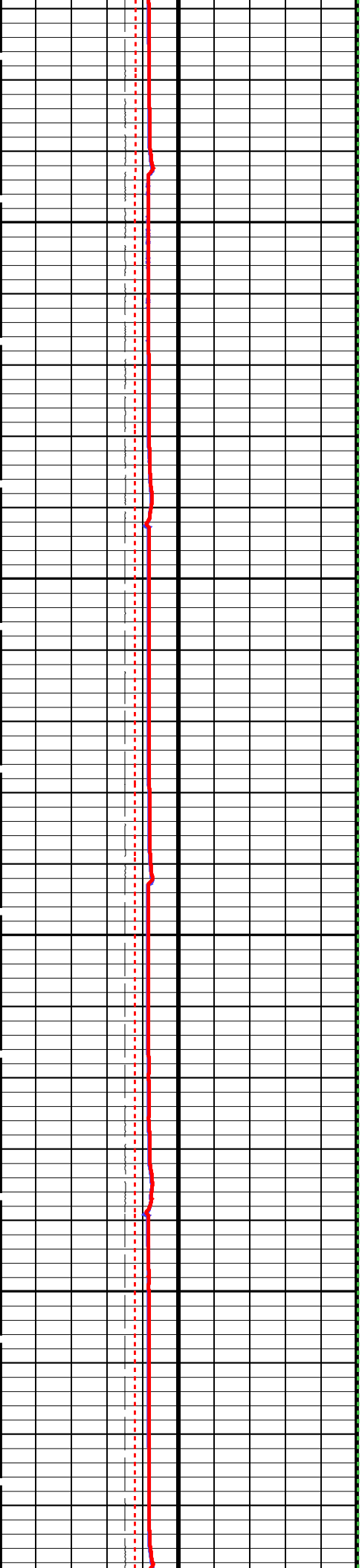

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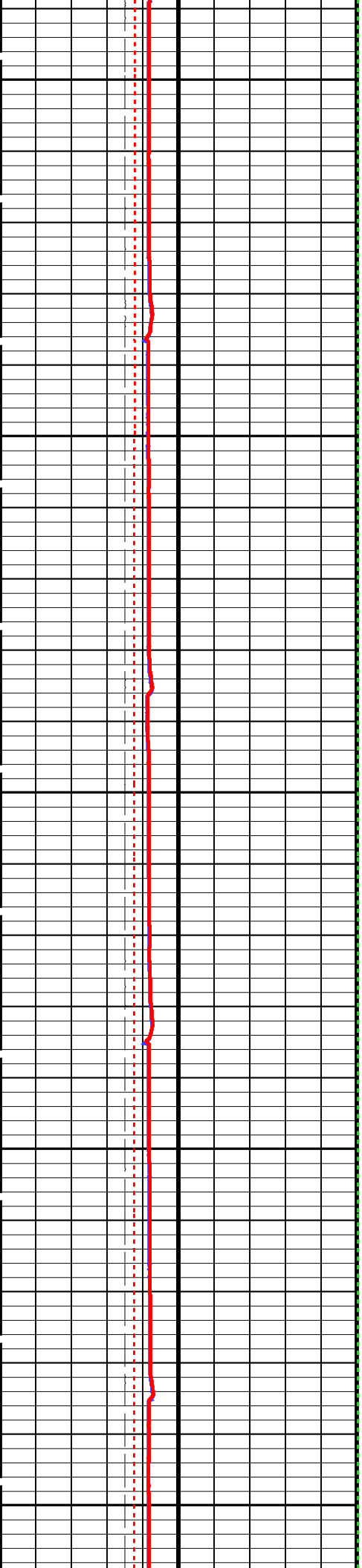

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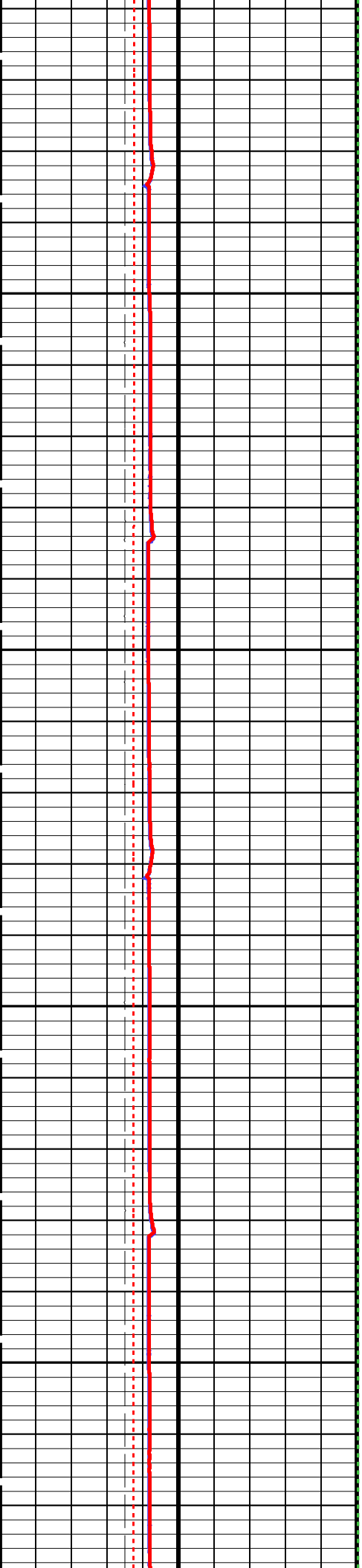

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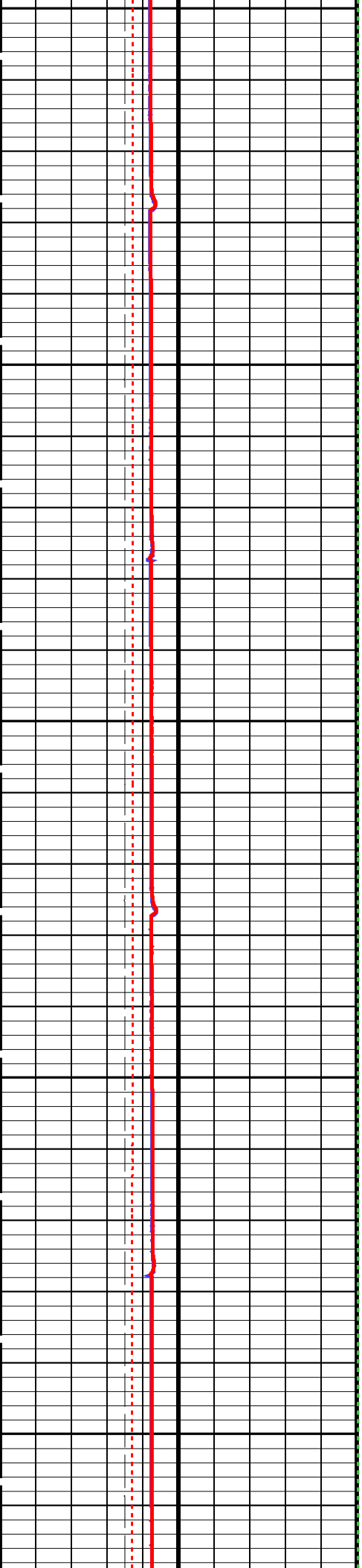

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00:55:30	117.4	4228.5	4242.63
00:55:21		4229.8	4244.08
00:55:12		4230.0	4243.66
00:55:03	117.4	4229.7	4244.57
00:54:54		4234.3	4247.27
00:54:45		4236.2	4250.82
00:54:36		4243.6	4257.31
00:54:27	117.4	4241.6	4257.10
00:54:18		4243.8	4257.92
00:54:09		4243.5	4257.53
00:54:00	117.4	4248.8	4263.44
00:53:51		4246.9	4262.52
00:53:42		4249.6	4264.99
00:53:33	117.4	4273.8	4295.94
00:53:24		4221.6	4237.71
00:53:15		4224.0	4237.36
00:53:06		4223.4	4236.87
00:52:57	117.4	4223.8	4237.24
00:52:48		4225.1	4237.89
00:52:39		4224.1	4237.16
00:52:30	117.4	4226.3	4239.78
00:52:21		4223.9	4239.03
00:52:12		4226.1	4238.76
00:52:03	117.4	4224.9	4240.43
00:51:54		4225.8	4241.23
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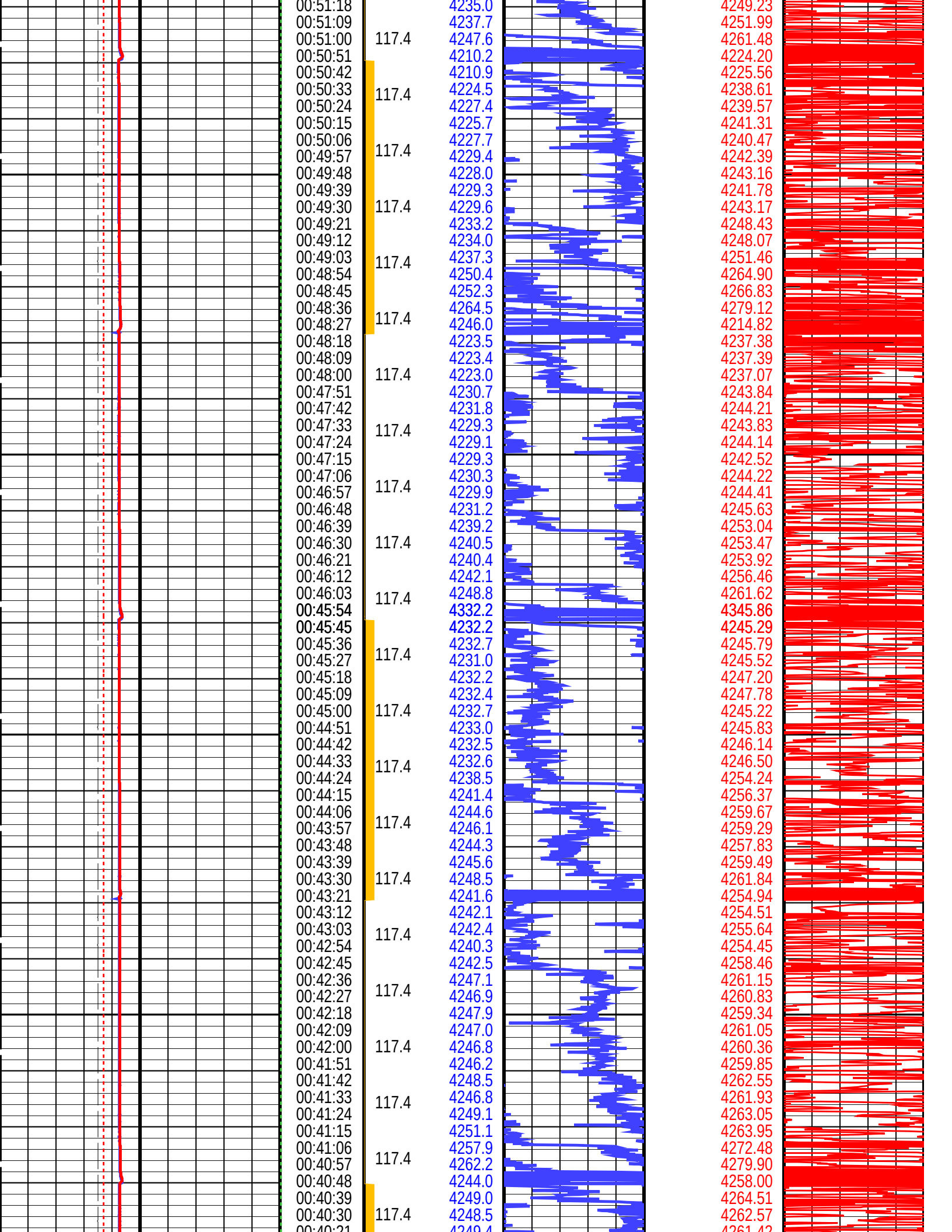
00:51:27	117.4	4234.7	4248.52



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00:49:30	117.4	4229.6	4243.17
00:49:21		4233.2	4248.43
00:49:12		4234.0	4248.07
00:49:03	117.4	4237.3	4251.46
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00:48:36		4264.5	4279.12
00:48:27	117.4	4246.0	4214.82
00:48:18		4223.5	4237.38
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00:48:00	117.4	4223.0	4237.07
00:47:51		4230.7	4243.84
00:47:42		4231.8	4244.21
00:47:33	117.4	4229.3	4243.83
00:47:24		4229.1	4244.14
00:47:15		4229.3	4242.52
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00:46:57	117.4	4229.9	4244.41
00:46:48		4231.2	4245.63
00:46:39		4239.2	4253.04
00:46:30	117.4	4240.5	4253.47
00:46:21		4240.4	4253.92
00:46:12		4242.1	4256.46
00:46:03	117.4	4248.8	4261.62
00:45:54		4332.2	4345.86
00:45:45		4232.2	4245.29
00:45:36		4232.7	4245.79
00:45:27	117.4	4231.0	4245.52
00:45:18		4232.2	4247.20
00:45:09		4232.4	4247.78
00:45:00	117.4	4232.7	4245.22
00:44:51		4233.0	4245.83
00:44:42		4232.5	4246.14
00:44:33	117.4	4232.6	4246.50
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00:43:57	117.4	4246.1	4259.29
00:43:48		4244.3	4257.83
00:43:39		4245.6	4259.49
00:43:30	117.4	4248.5	4261.84
00:43:21		4241.6	4254.94
00:43:12		4242.1	4254.51
00:43:03	117.4	4242.4	4255.64
00:42:54		4240.3	4254.45
00:42:45		4242.5	4258.46
00:42:36		4247.1	4261.15
00:42:27	117.4	4246.9	4260.83
00:42:18		4247.9	4259.34
00:42:09		4247.0	4261.05
00:42:00	117.4	4246.8	4260.36
00:41:51		4246.2	4259.85
00:41:42		4248.5	4262.55
00:41:33	117.4	4246.8	4261.93
00:41:24		4249.1	4263.05
00:41:15		4251.1	4263.95
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00:40:57	117.4	4262.2	4279.90
00:40:48		4244.0	4258.00
00:40:39		4249.0	4264.51
00:40:30	117.4	4248.5	4262.57
00:40:21		4249.4	4261.42

00:40:21		4249.4	4261.42
00:40:12		4248.5	4261.31
00:40:03	117.4	4250.3	4263.90
00:39:54		4251.2	4266.12
00:39:45		4251.8	4265.08
00:39:36		4253.9	4267.87
00:39:27	117.4	4254.7	4267.65
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00:39:09		4259.4	4275.00
00:39:00	117.4	4262.2	4274.41
00:38:51		4261.7	4276.53
00:38:42		4264.3	4276.36
00:38:33	117.4	4262.7	4275.29
00:38:24		4267.9	4285.13
00:38:15		4259.0	4273.11
00:38:06		4258.5	4272.26
00:37:57	117.4	4258.6	4272.41
00:37:48		4257.9	4271.05
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00:37:30	117.4	4259.9	4273.95
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00:36:54		4265.2	4278.78
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00:36:36		4265.1	4277.91
00:36:27	117.4	4269.2	4283.02
00:36:18		4269.2	4283.92
00:36:09		4278.4	4291.15
00:36:00	117.4	4279.4	4292.83
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00:35:33	117.4	4265.3	4277.60
00:35:24		4263.5	4278.27
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00:34:57	117.4	4276.6	4290.84
00:34:48		4276.4	4291.02
00:34:39		4277.2	4291.55
00:34:30	117.4	4280.2	4294.41
00:34:21		4282.2	4294.48
00:34:12		4282.2	4294.84
00:34:03	117.4	4283.5	4298.11
00:33:54		4283.3	4296.76
00:33:45		4284.8	4297.96
00:33:36	117.4	4288.5	4302.33
00:33:27		4292.8	4308.16
00:33:18		4296.1	4307.83
00:33:09		4287.2	4300.75
00:33:00	117.4	4286.7	4300.38
00:32:51		4287.4	4301.01
00:32:42		4287.8	4301.38
00:32:33	117.4	4288.2	4301.47
00:32:24		4288.7	4302.02
00:32:15		4289.7	4301.85
00:32:06	117.4	4288.4	4301.72
00:31:57		4289.2	4302.84
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00:31:12		4289.4	4304.40
00:31:03	117.4	4293.8	4307.51
00:30:54		4300.8	4316.69
00:30:45		4286.8	4299.42
00:30:36		4287.9	4301.16
00:30:27	117.4	4286.0	4299.86
00:30:18		4286.0	4299.15
00:30:09		4285.3	4300.36
00:30:00	117.4	4286.8	4300.60
00:29:51		4286.4	4300.23
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00:29:33	117.4	4288.9	4301.34
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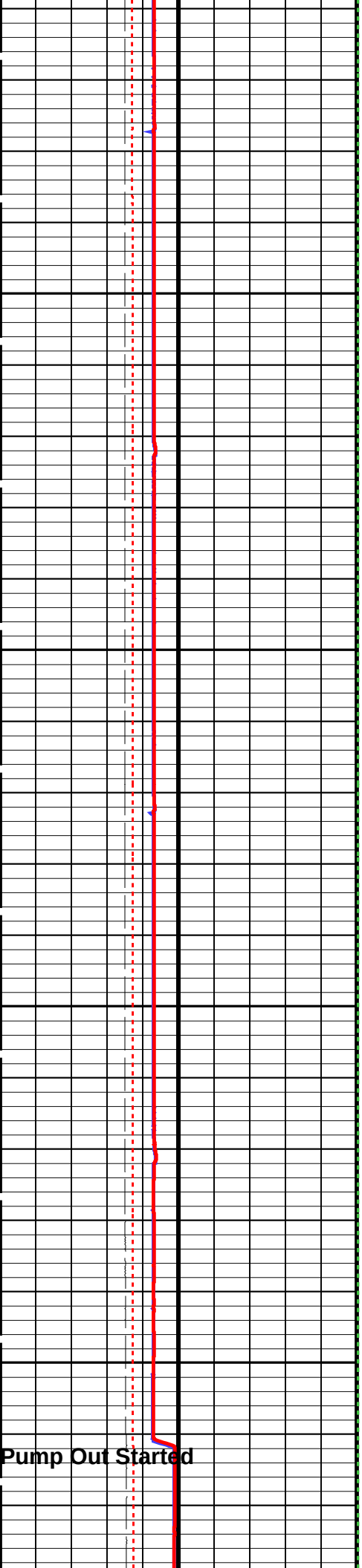

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00:28:21		4283.4	4296.11
00:28:12		4282.8	4296.18
00:28:03	117.4	4283.2	4296.89
00:27:54		4283.3	4296.42
00:27:45		4282.2	4296.08
00:27:36		4284.1	4297.39
00:27:27	117.4	4282.7	4296.84
00:27:18		4283.0	4297.56
00:27:09		4282.2	4296.70
00:27:00	117.4	4284.6	4297.66
00:26:51		4283.5	4296.72
00:26:42		4284.7	4298.34
00:26:33	117.4	4285.9	4299.22
00:26:24		4286.2	4299.78
00:26:15		4320.7	4346.41
00:26:06		4289.2	4303.32
00:25:57	117.4	4290.0	4302.84
00:25:48		4289.6	4302.82
00:25:39		4287.1	4300.74
00:25:30	117.4	4287.6	4301.53
00:25:21		4289.3	4302.06
00:25:12		4290.5	4301.57
00:25:03	117.4	4286.5	4301.47
00:24:54		4288.2	4300.40
00:24:45		4286.4	4300.10
00:24:36		4288.0	4300.23
00:24:27	117.4	4288.2	4300.93
00:24:18		4285.4	4299.77
00:24:09		4286.1	4300.81
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00:22:39		4284.0	4297.19
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00:22:21		4283.4	4297.31
00:22:12		4284.5	4297.58
00:22:03	117.4	4284.7	4298.27
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00:21:45		4283.2	4297.68
00:21:36		4288.4	4302.95
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00:20:51		4278.6	4292.18
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00:20:24		4278.4	4289.91
00:20:15		4277.4	4290.98
00:20:06		4279.1	4287.30
00:19:57	117.5	4276.6	4292.46
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00:19:39		4261.7	4274.04
00:19:30	117.5	4258.5	4270.94
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00:19:03	117.6	4857.6	4871.40
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00:17:33	117.5	4342.9	4356.27
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00:17:06		4342.7	4356.09
00:16:57	117.5	4342.6	4356.01
00:16:48		4342.6	4355.95
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00:16:30	117.6	4342.5	4355.84
00:16:21		4342.4	4355.73
00:16:12		4342.2	4355.57
00:16:03	117.5	4342.2	4355.55
00:15:54		4342.3	4355.74
00:15:45		4342.7	4356.03
00:15:36		4342.8	4356.16
00:15:27	117.6	4342.7	4356.08
00:15:18		4342.7	4356.02
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00:15:00	117.6	4342.5	4355.85
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00:14:42		4342.4	4355.74
00:14:33	117.6	4342.3	4355.65
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00:14:06		4342.5	4355.84
00:13:57	117.6	4342.5	4355.86
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00:13:39		4342.5	4355.87
00:13:30	117.6	4342.4	4355.77
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00:12:00	117.6	4342.4	4355.76
00:11:51		4342.3	4355.72
00:11:42		4342.1	4355.46
00:11:33	117.5	4342.3	4355.67
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00:11:15		4342.5	4355.88
00:11:06		4342.8	4356.09
00:10:57	117.5	4342.7	4356.07
00:10:48		4342.7	4356.13
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00:10:12		4342.4	4355.76
00:10:03	117.6	4342.2	4355.62
00:09:54		4342.1	4355.47
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00:09:27	117.6	4342.2	4355.58
00:09:18		4342.1	4355.51
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00:09:00	117.5	4342.1	4355.57
00:08:51		4342.2	4355.58
00:08:42		4342.0	4355.34
00:08:33	117.5	4341.7	4355.10
00:08:24		4341.5	4354.84
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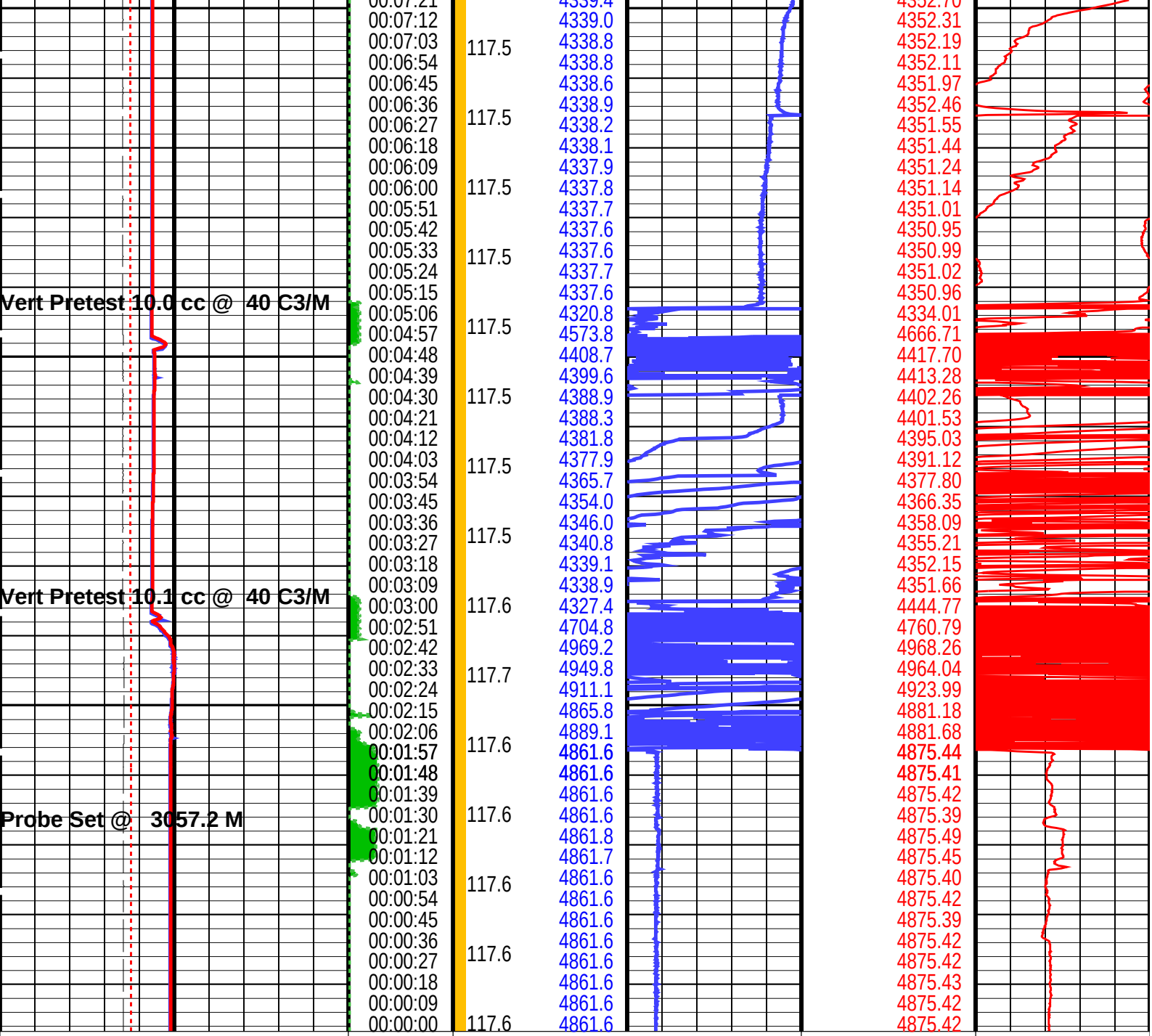
00:08:06		4340.7	4354.08
00:07:57	117.5	4340.5	4353.83
00:07:48		4340.2	4353.61
00:07:39		4340.0	4353.39
00:07:30	117.5	4339.8	4353.14
00:07:21		4339.4	4352.70



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)
00:07:21	117.5	4339.4	4352.70	4352.70
00:07:12		4339.0	4352.31	
00:07:03		4338.8	4352.19	
00:06:54		4338.8	4352.11	
00:06:45		4338.6	4351.97	
00:06:36	117.5	4338.9	4352.46	
00:06:27		4338.2	4351.55	
00:06:18		4338.1	4351.44	
00:06:09		4337.9	4351.24	
00:06:00	117.5	4337.8	4351.14	
00:05:51		4337.7	4351.01	
00:05:42		4337.6	4350.95	
00:05:33	117.5	4337.6	4350.99	
00:05:24		4337.7	4351.02	
00:05:15		4337.6	4350.96	
00:05:06	117.5	4320.8	4334.01	
00:04:57		4573.8	4666.71	
00:04:48		4408.7	4417.70	
00:04:39		4399.6	4413.28	
00:04:30	117.5	4388.9	4402.26	
00:04:21		4388.3	4401.53	
00:04:12		4381.8	4395.03	
00:04:03	117.5	4377.9	4391.12	
00:03:54		4365.7	4377.80	
00:03:45		4354.0	4366.35	
00:03:36	117.5	4346.0	4358.09	
00:03:27		4340.8	4355.21	
00:03:18		4339.1	4352.15	
00:03:09		4338.9	4351.66	
00:03:00	117.6	4327.4	4444.77	
00:02:51		4704.8	4760.79	
00:02:42		4969.2	4968.26	
00:02:33	117.7	4949.8	4964.04	
00:02:24		4911.1	4923.99	
00:02:15		4865.8	4881.18	
00:02:06		4889.1	4881.68	
00:01:57	117.6	4861.6	4875.44	
00:01:48		4861.6	4875.41	
00:01:39		4861.6	4875.42	
00:01:30	117.6	4861.6	4875.39	
00:01:21		4861.8	4875.49	
00:01:12		4861.7	4875.45	
00:01:03	117.6	4861.6	4875.40	
00:00:54		4861.6	4875.42	
00:00:45		4861.6	4875.39	
00:00:36	117.6	4861.6	4875.42	
00:00:27		4861.6	4875.42	
00:00:18		4861.6	4875.43	
00:00:09		4861.6	4875.42	
00:00:00	117.6	4861.6	4875.42	

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

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

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 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: 26−Nov−2004 22:35

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_126LTP	FN:205	PRODUCER	26−Nov−2004 22:35
RT_BACKUP	MDT_OFA_126LTP	FN:206	PRODUCER	26−Nov−2004 22:35

Output DLIS Files

DEFAULT	MDT_OFA_126LTP	FN:205	PRODUCER	26−Nov−2004 22:35	3057.2 M	34.6 M
RT_BACKUP	MDT_OFA_126LTP	FN:206	PRODUCER	26−Nov−2004 22:35	3057.2 M	34.6 M

Elapsed Time (s)	Event Summary
13541.7	Retract Single Probe Module (MRPS) 1
13291.8	Pumping Stopped 49725.0 C3 Dual Up−down Pumpout Module (MRPOUD)
13263.9	Seal Multi−Sample Module (MRMS) 2, bottle 6
13111.5	Open Multi−Sample Module (MRMS) 2, bottle 6, sample number = 8
12613.5	Seal Multi−Sample Module (MRMS) 1, bottle 1
12336.6	Open Multi−Sample Module (MRMS) 1, bottle 1, sample number = 7
12121.2	Seal Multi−Sample Module (MRMS) 2, bottle 5
11529.0	Open Multi−Sample Module (MRMS) 2, bottle 5, sample number = 6
1151.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
291.0	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
163.5	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
91.8	Probe Set @ 3057.2 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

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

Oil

Low Gas

Water

Resistivity Cell Temp B1TR (B1TR) (DEGC)

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 6 (FAOD_LFA[6])
-24 (---- 16

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

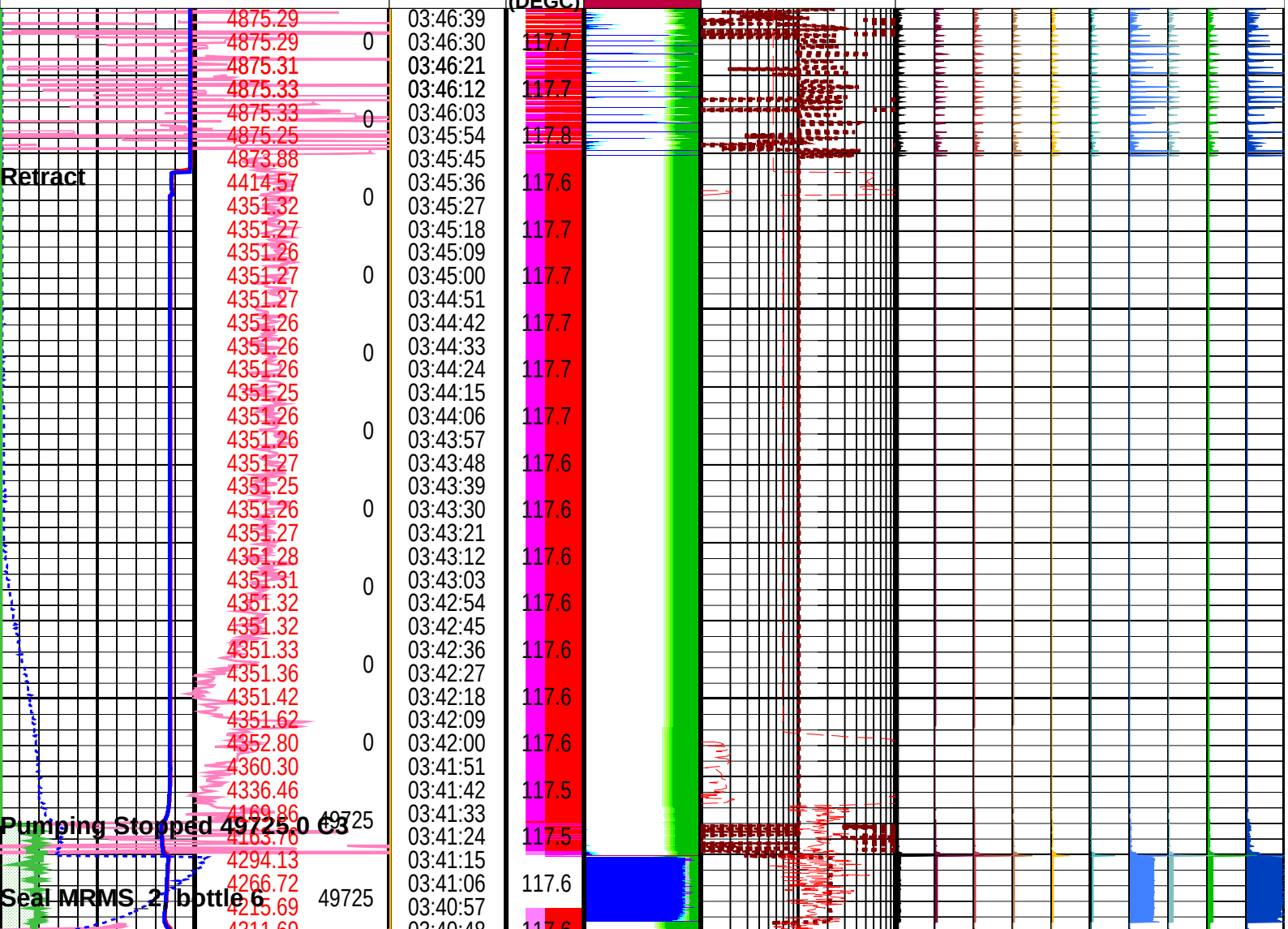
LFA Optical Density Channel 4 (FAOD_LFA[4])
-16 (---- 24

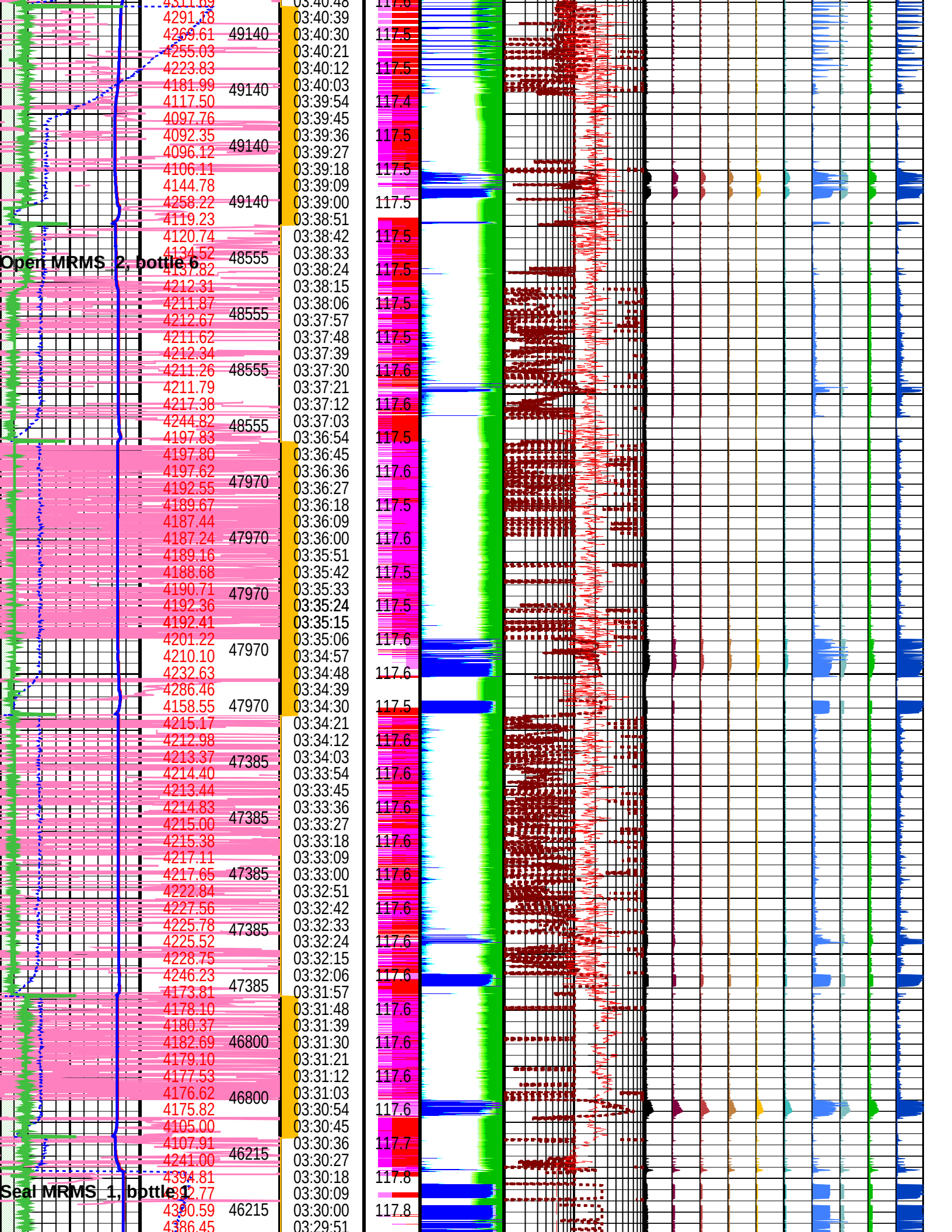
LFA Optical Density Channel 3 (FAOD_LFA[3])
-12 (---- 28

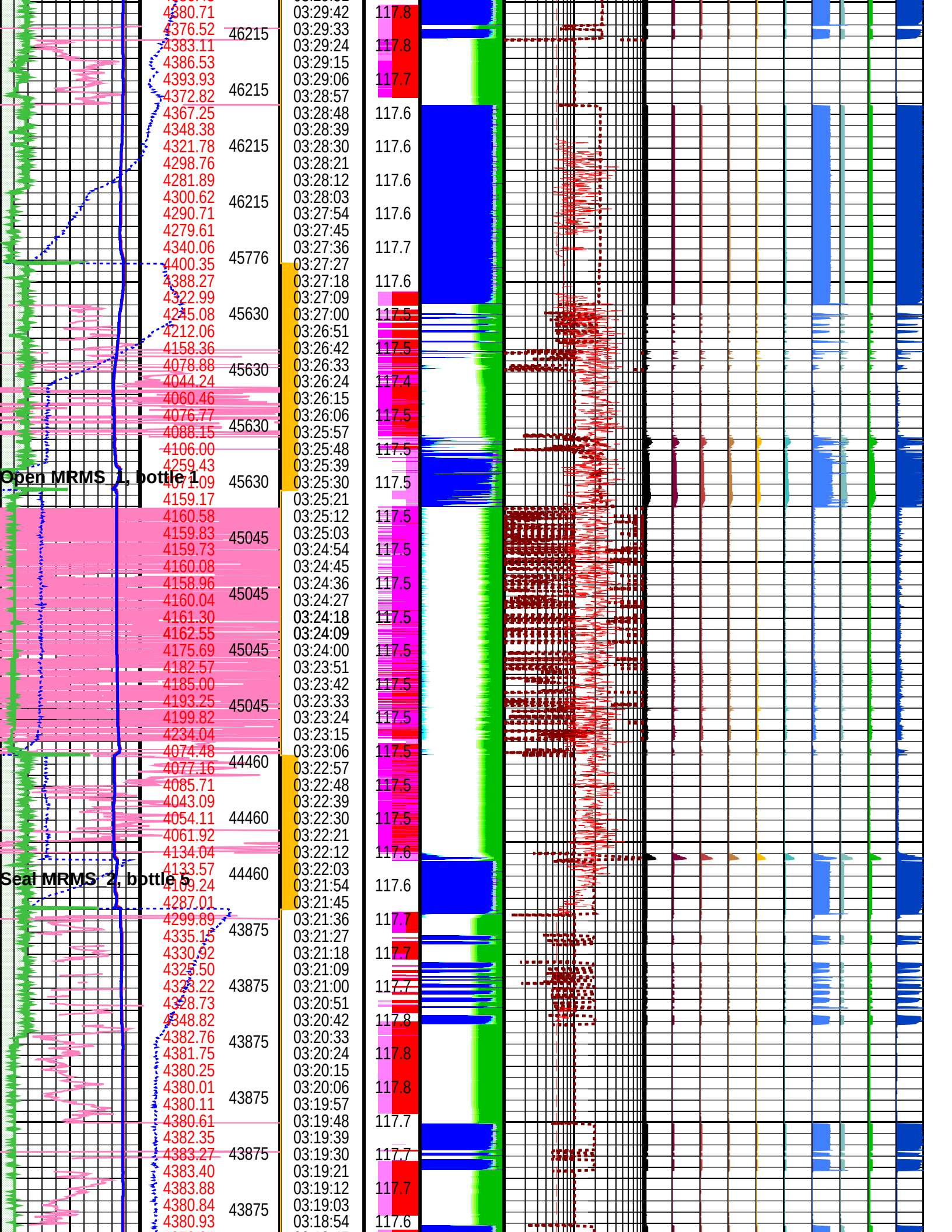
LFA Optical Density Channel 2 (FAOD_LFA[2])
-8 (---- 32

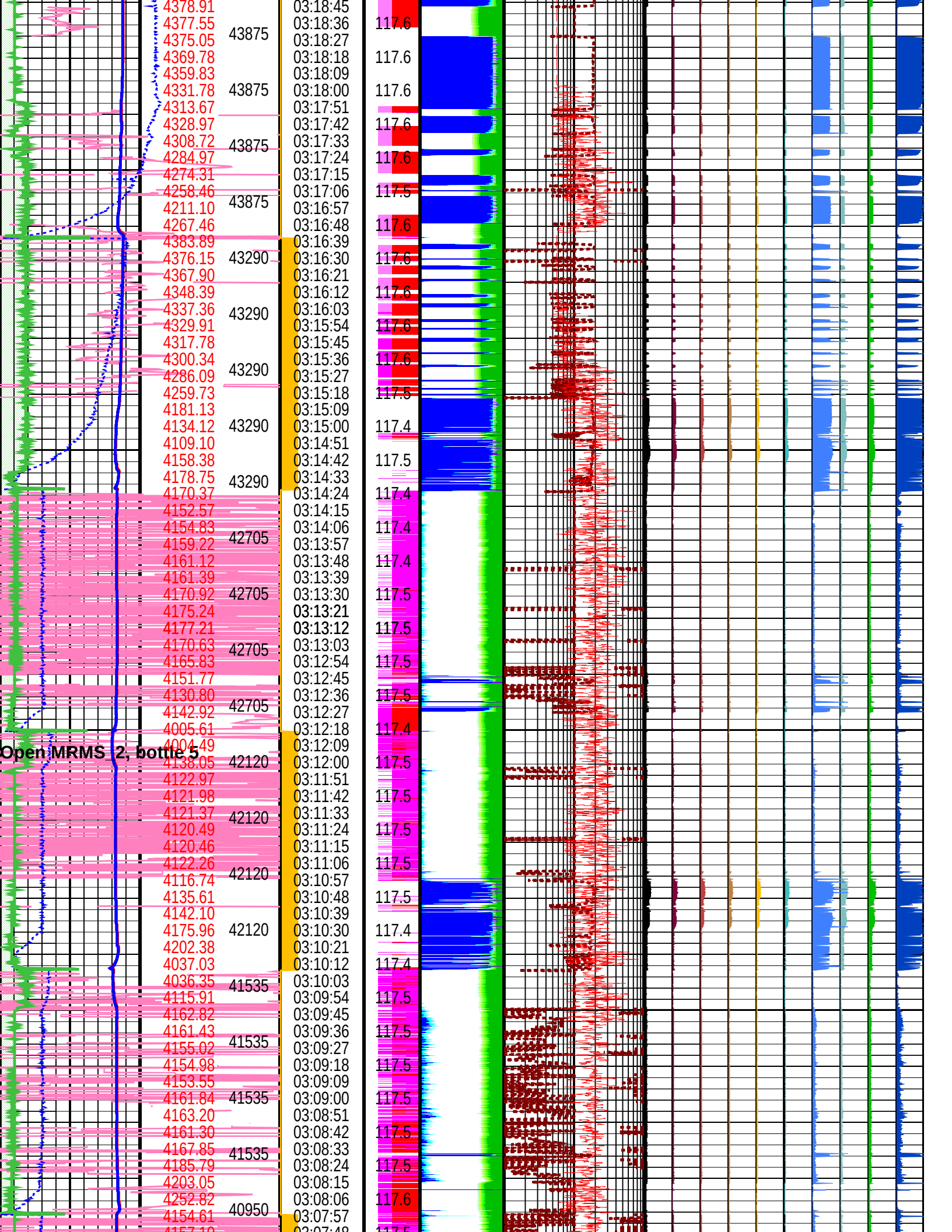
LFA Optical Density Channel 1 (FAOD_LFA[1])
-4 (---- 36

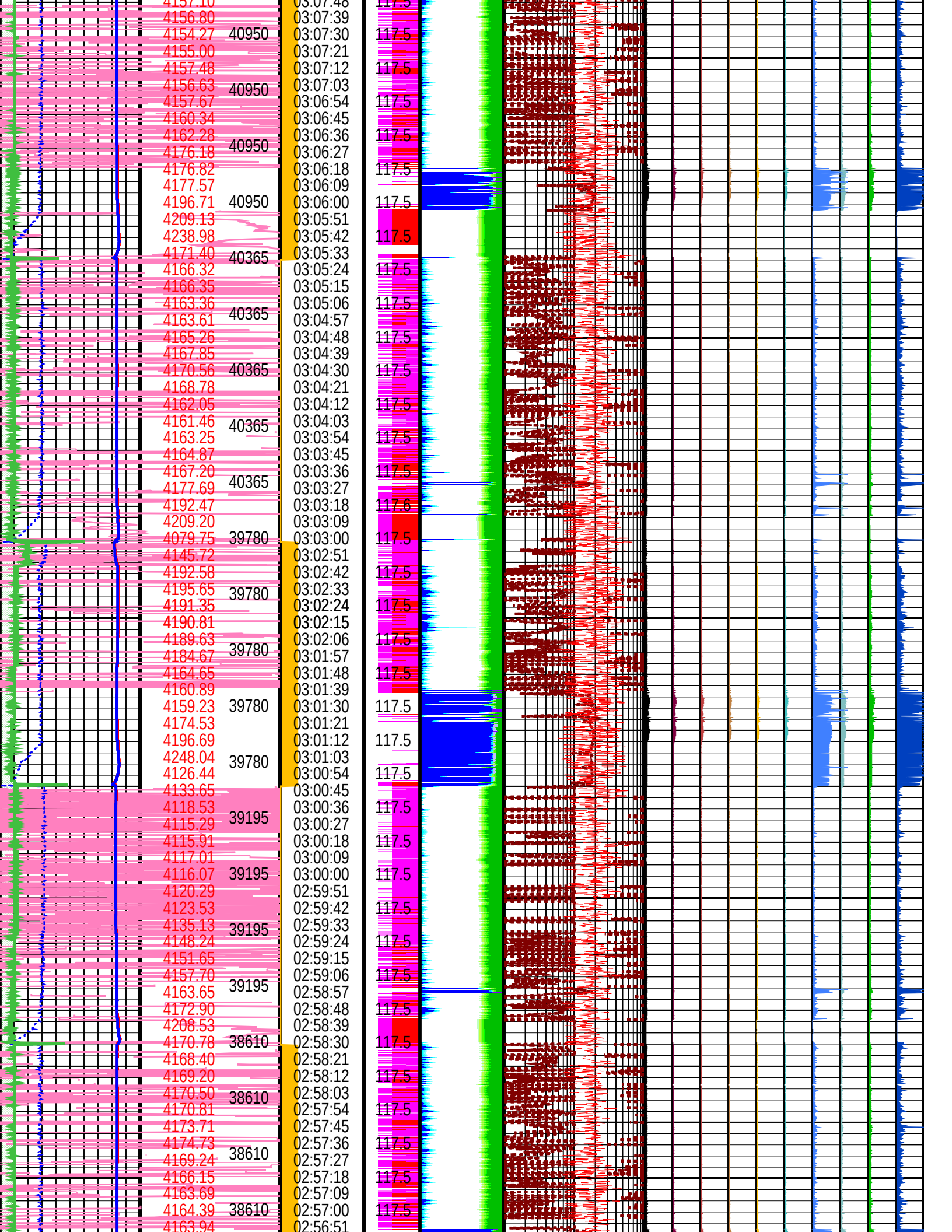
LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40




Open MRMS_2, bottle 6
Seal MRMS_1, bottle 1


Open MRMS_1, bottle 1
Seal MRMS_2, bottle 5


Open MRMS 2, bottle 5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4157.48 03:07:12 117.5
4156.63 40950 03:07:03
4157.67 03:06:54 117.5
4160.34 03:06:45
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4176.18 03:06:27
4176.82 03:06:18 117.5
4177.57 03:06:09
4196.71 40950 03:06:00 117.5
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4171.40 40365 03:05:33
4166.32 03:05:24 117.5
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4167.85 03:04:39
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4209.20 03:03:09
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4145.72 03:02:51
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4164.65 03:01:48 117.5
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4196.69 03:01:12 117.5
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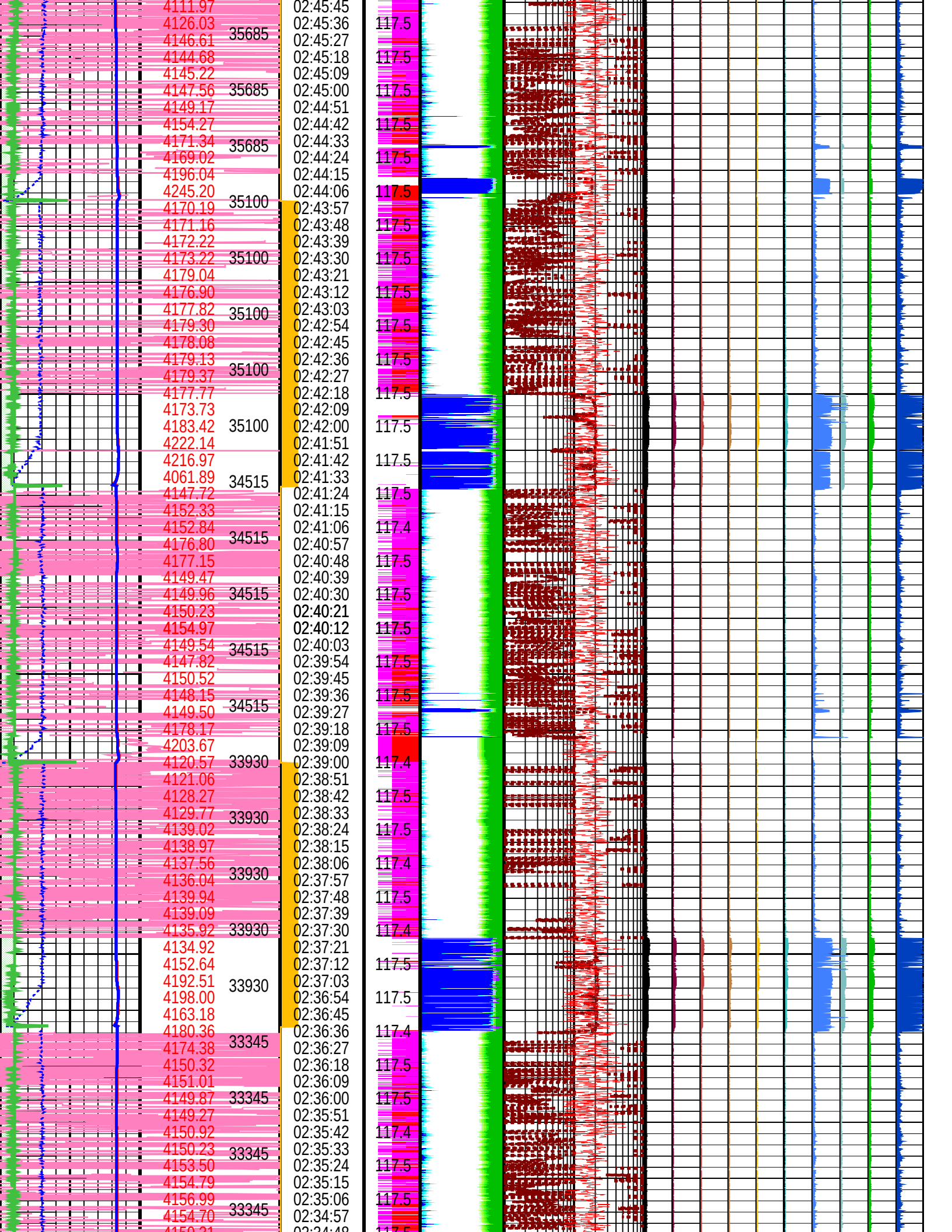
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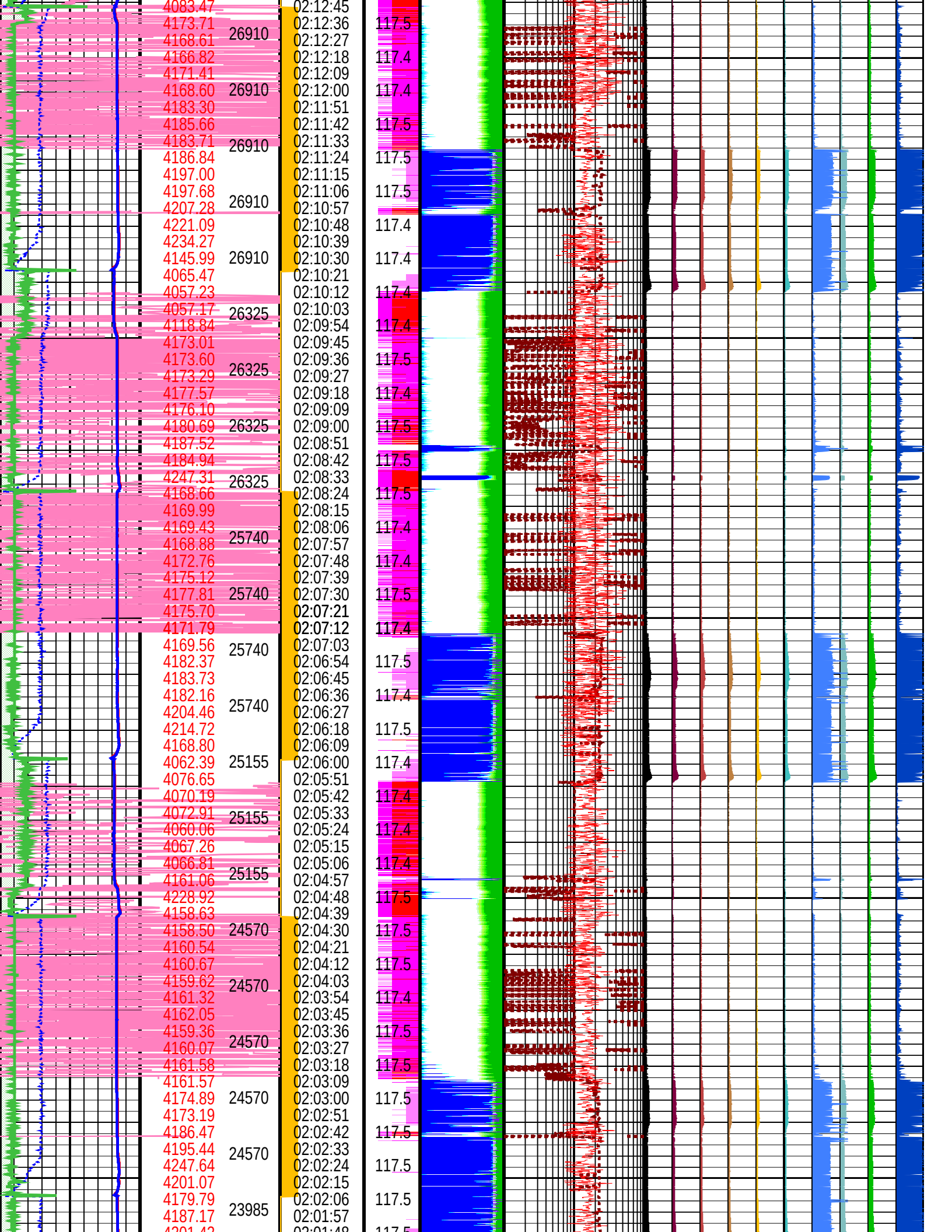
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4176.10 02:09:09
4180.69 26325 02:09:00 117.5
4187.52 02:08:51
4184.94 02:08:42 117.5
4247.31 26325 02:08:33
4168.66 02:08:24 117.5
4169.99 02:08:15
4169.43 25740 02:08:06 117.4
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4172.76 02:07:48 117.4
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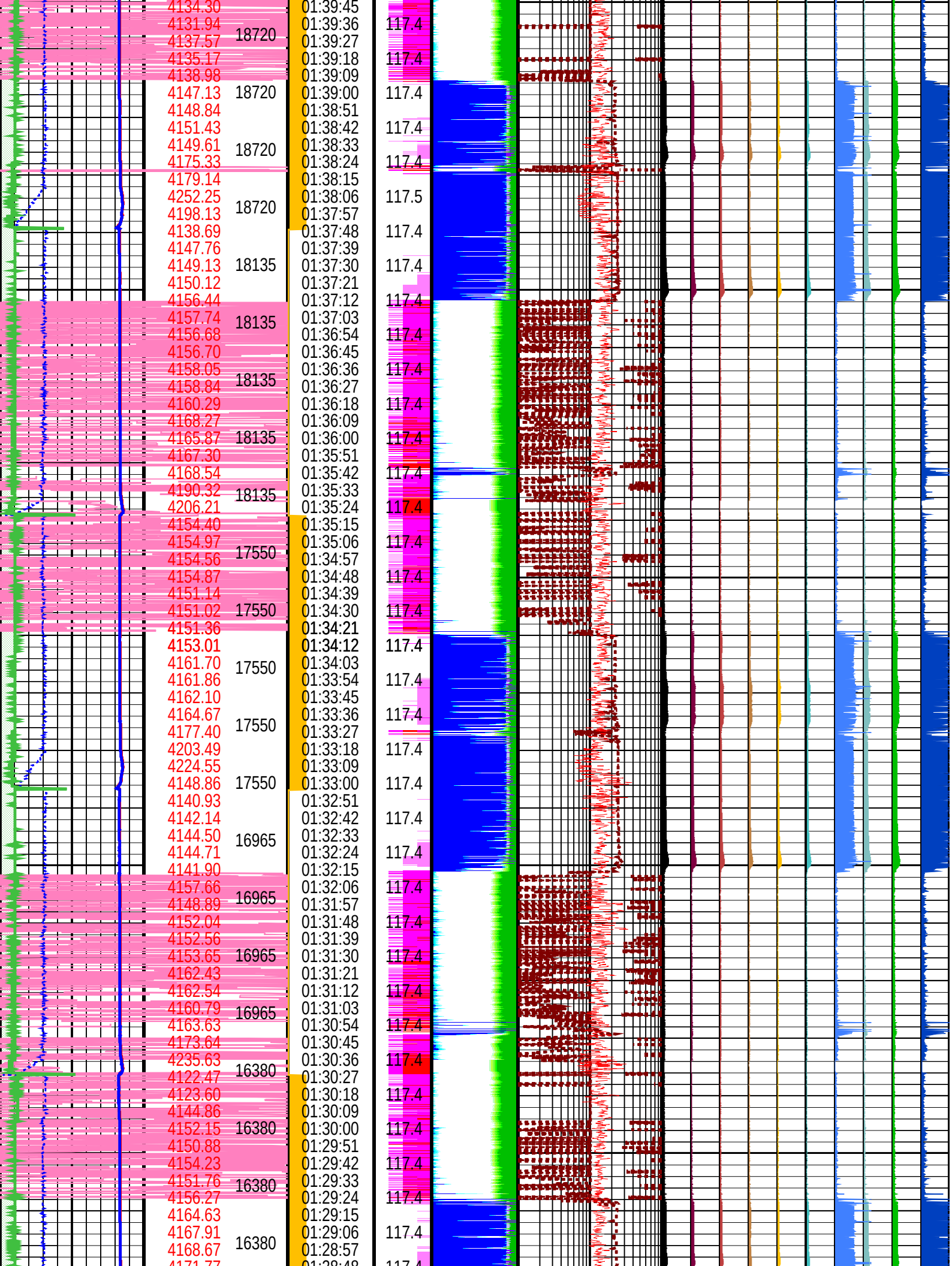

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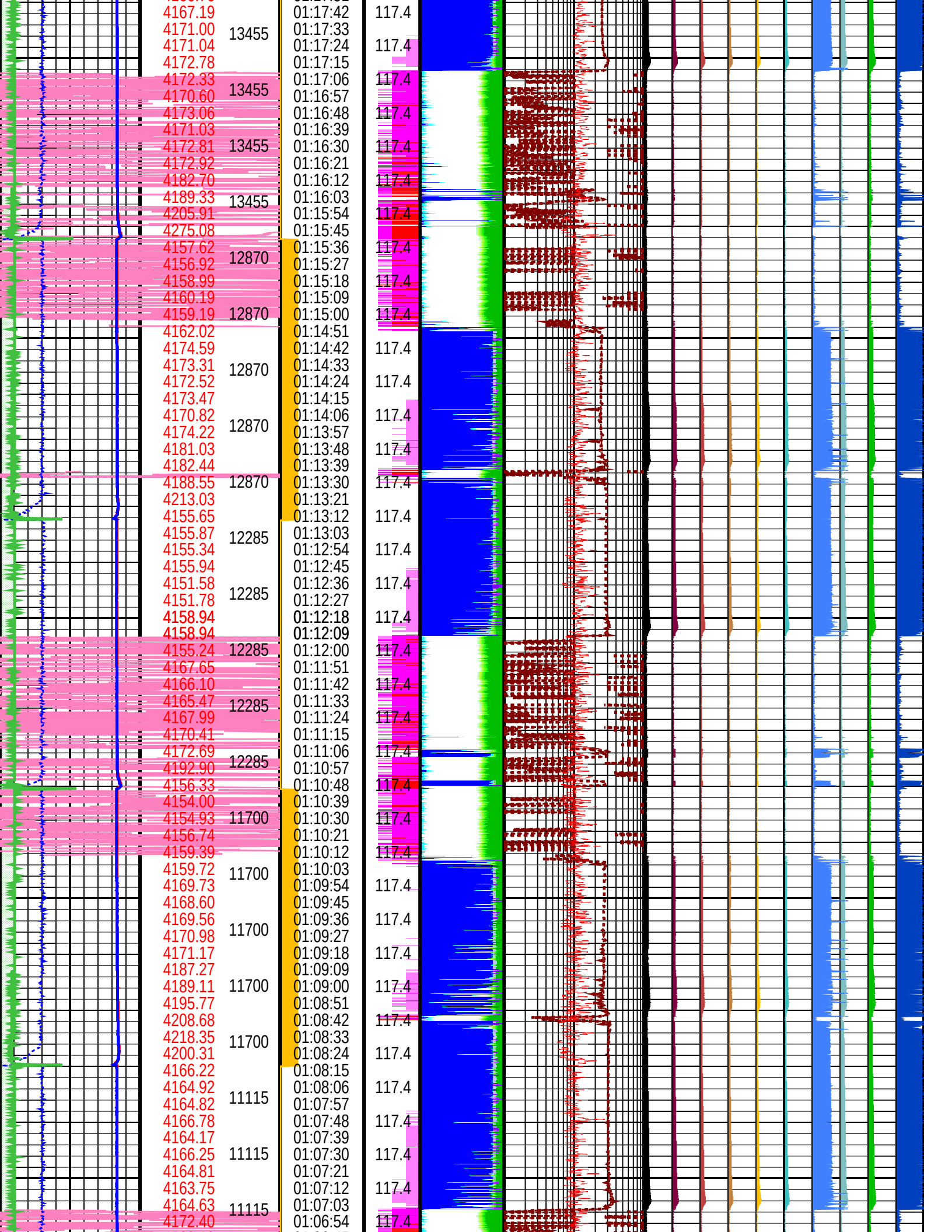
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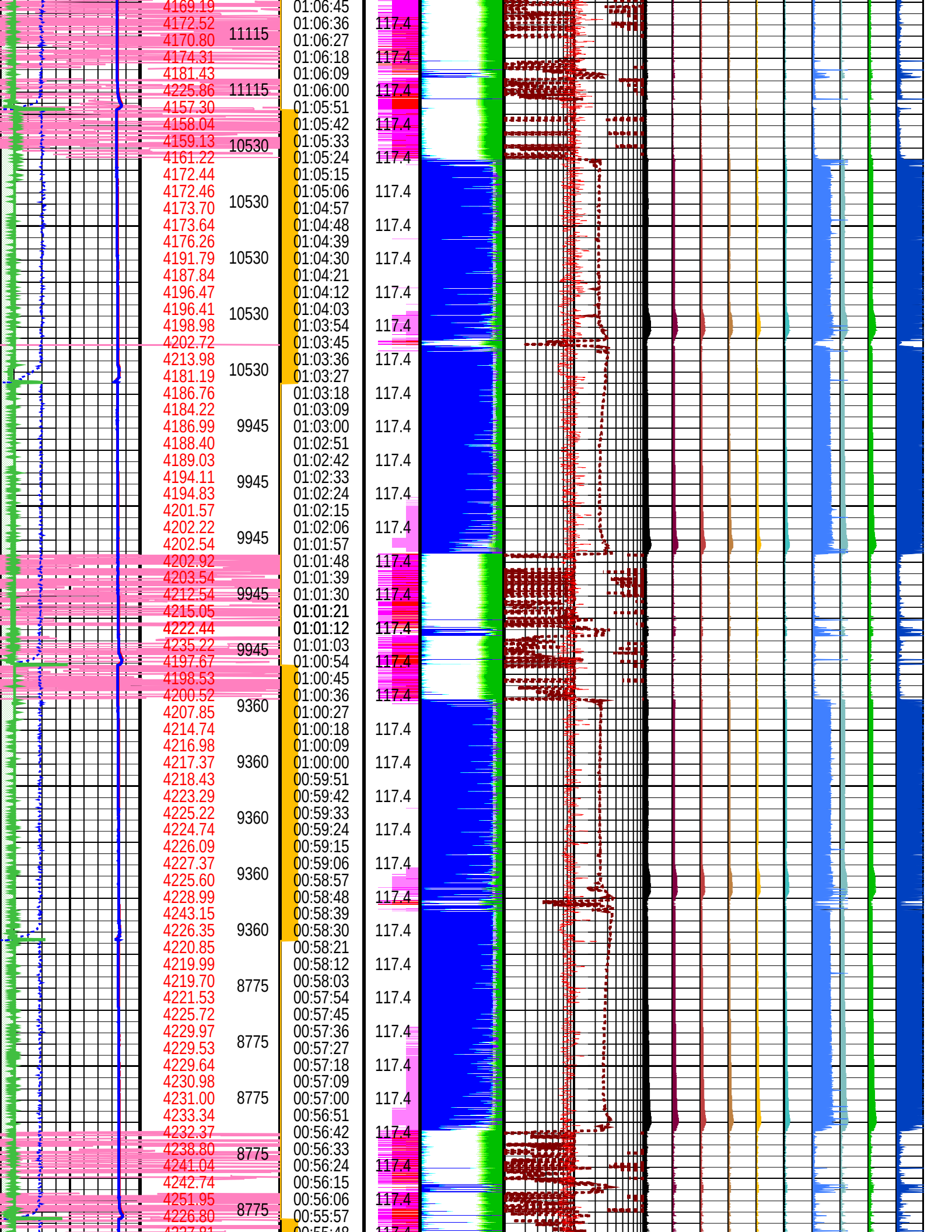
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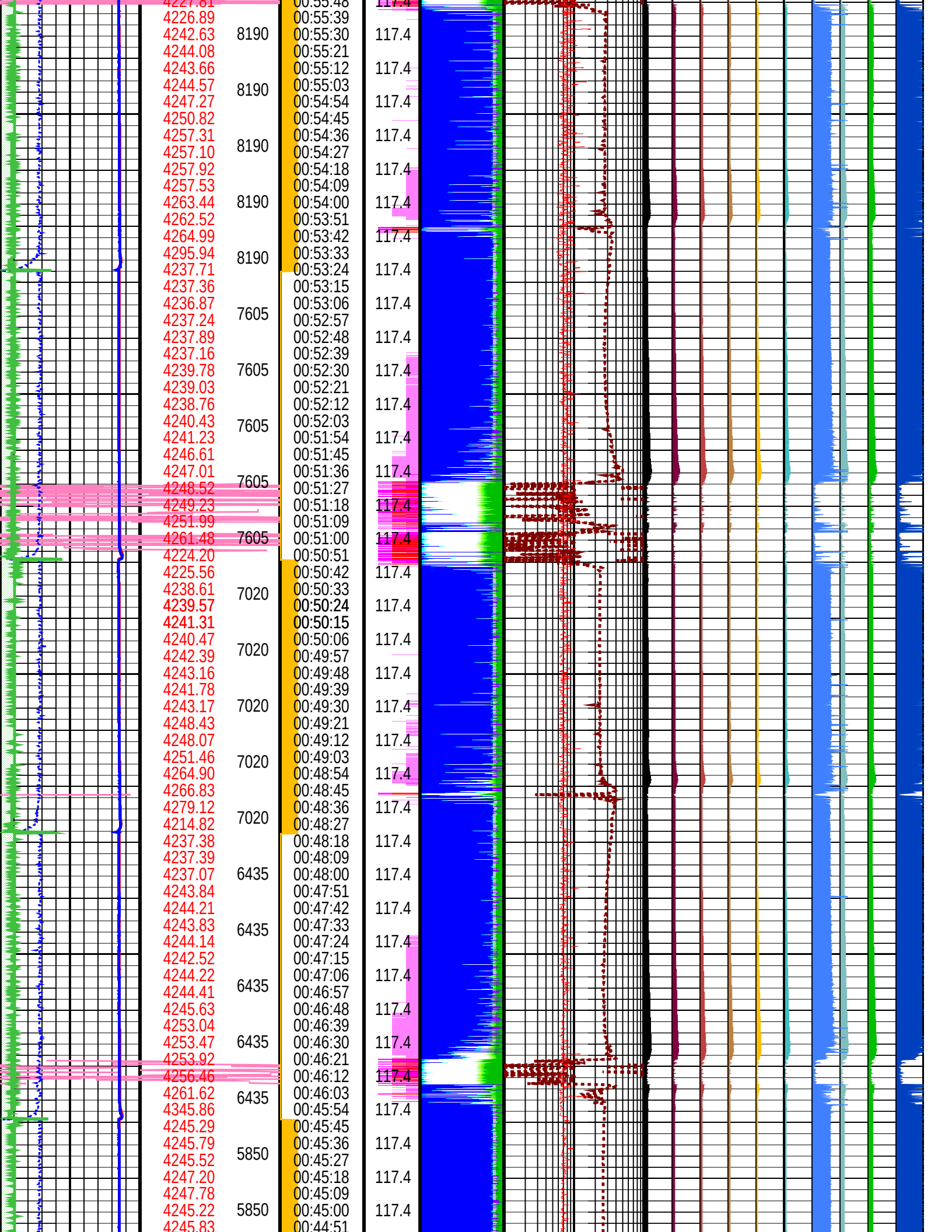

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4241.31		00:50:15	
4240.47		00:50:06	117.4
4242.39	7020	00:49:57	
4243.16		00:49:48	117.4
4241.78		00:49:39	
4243.17	7020	00:49:30	117.4
4248.43		00:49:21	
4248.07		00:49:12	117.4
4251.46	7020	00:49:03	
4264.90		00:48:54	117.4
4266.83		00:48:45	
4279.12		00:48:36	117.4
4214.82	7020	00:48:27	
4237.38		00:48:18	117.4
4237.39		00:48:09	
4237.07	6435	00:48:00	117.4
4243.84		00:47:51	
4244.21		00:47:42	117.4
4243.83	6435	00:47:33	
4244.14		00:47:24	117.4
4242.52		00:47:15	
4244.22		00:47:06	117.4
4244.41	6435	00:46:57	
4245.63		00:46:48	117.4
4253.04		00:46:39	
4253.47	6435	00:46:30	117.4
4253.92		00:46:21	
4256.46		00:46:12	117.4
4261.62	6435	00:46:03	
4345.86		00:45:54	117.4
4245.29		00:45:45	
4245.79		00:45:36	117.4
4245.52	5850	00:45:27	
4247.20		00:45:18	117.4
4247.78		00:45:09	
4245.22	5850	00:45:00	117.4
4245.83		00:44:51	

4246.14		00:44:42	117.4
4246.50	5850	00:44:33	
4254.24		00:44:24	117.4
4256.37		00:44:15	
4259.67	5850	00:44:06	117.4
4259.29		00:43:57	
4257.83		00:43:48	117.4
4259.49		00:43:39	
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4254.94		00:43:21	
4254.51		00:43:12	117.4
4255.64	5265	00:43:03	
4254.45		00:42:54	117.4
4258.46		00:42:45	
4261.15	5265	00:42:36	117.4
4260.83		00:42:27	
4259.34		00:42:18	117.4
4261.05		00:42:09	
4260.36	5265	00:42:00	117.4
4259.85		00:41:51	
4262.55		00:41:42	117.4
4261.93	5265	00:41:33	
4263.05		00:41:24	117.4
4263.95		00:41:15	
4272.48	5265	00:41:06	117.4
4279.90		00:40:57	
4258.00		00:40:48	117.4
4264.51		00:40:39	
4262.57	4680	00:40:30	117.3
4261.42		00:40:21	
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4263.90	4680	00:40:03	
4266.12		00:39:54	117.4
4265.08		00:39:45	
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4267.65		00:39:27	
4273.98		00:39:18	117.4
4275.00		00:39:09	
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4285.13		00:38:24	117.4
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4271.05		00:37:48	117.4
4272.72		00:37:39	
4273.95	4095	00:37:30	117.4
4275.40		00:37:21	
4276.47		00:37:12	117.4
4276.36	4095	00:37:03	
4278.78		00:36:54	117.4
4278.16		00:36:45	
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4283.92		00:36:18	117.4
4291.15		00:36:09	
4292.83	4095	00:36:00	117.4
4299.87		00:35:51	
4276.90		00:35:42	117.4
4277.60	3510	00:35:33	
4278.27		00:35:24	117.4
4289.33		00:35:15	
4290.66	3510	00:35:06	117.4
4290.84		00:34:57	
4291.02		00:34:48	117.4
4291.55		00:34:39	
4294.41	3510	00:34:30	117.4
4294.48		00:34:21	
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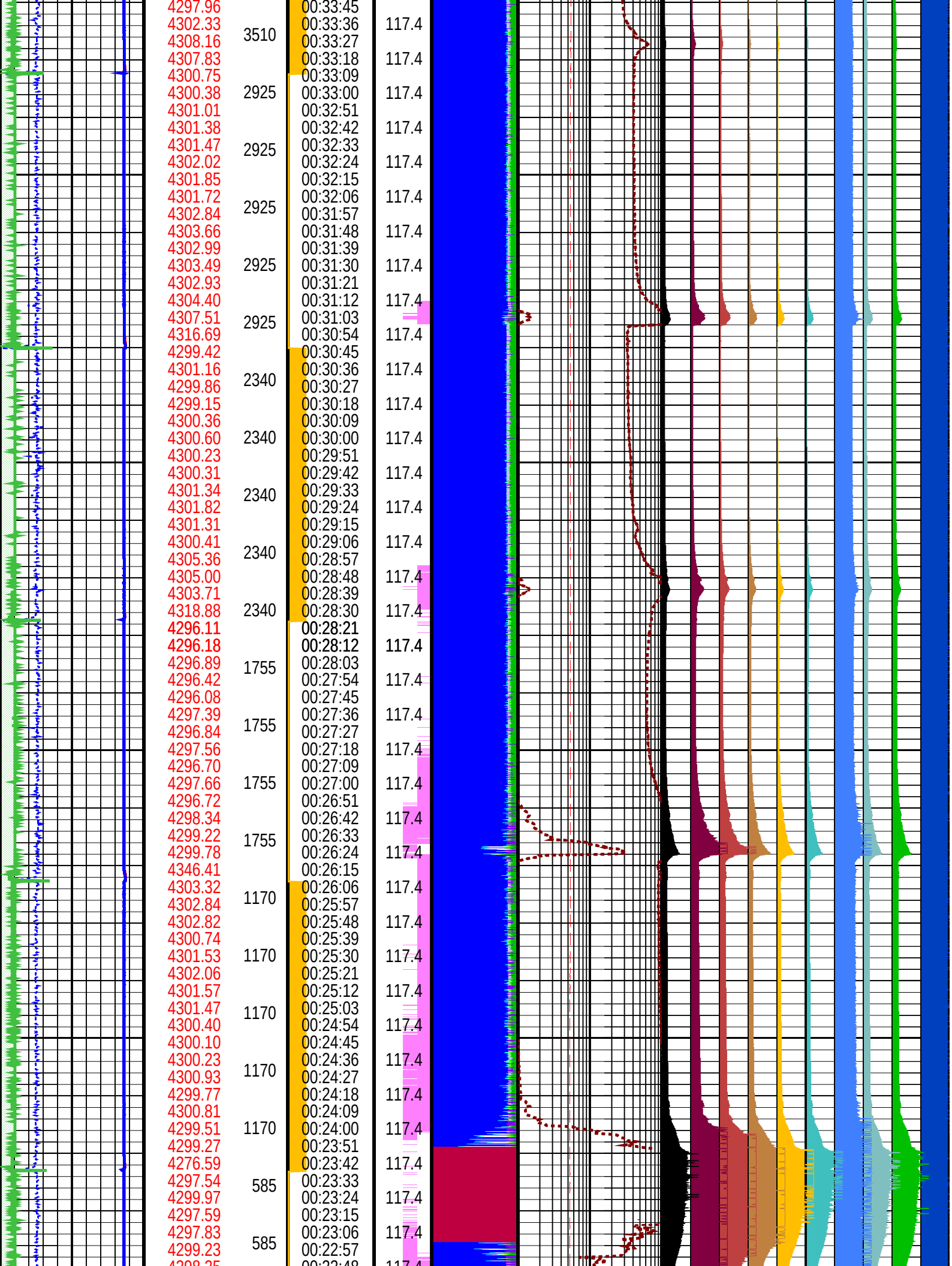
4298.11	3510	00:34:03	
4296.76		00:33:54	117.4



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4300.75		00:33:09	
4300.38	2925	00:33:00	117.4
4301.01		00:32:51	
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4301.47	2925	00:32:33	
4302.02		00:32:24	117.4
4301.85		00:32:15	
4301.72	2925	00:32:06	117.4
4302.84		00:31:57	
4303.66		00:31:48	117.4
4302.99		00:31:39	
4303.49	2925	00:31:30	117.4
4302.93		00:31:21	
4304.40		00:31:12	117.4
4307.51	2925	00:31:03	
4316.69		00:30:54	117.4
4299.42		00:30:45	
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4299.86		00:30:27	
4299.15		00:30:18	117.4
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4300.31		00:29:42	117.4
4301.34	2340	00:29:33	
4301.82		00:29:24	117.4
4301.31		00:29:15	
4300.41	2340	00:29:06	117.4
4305.36		00:28:57	
4305.00		00:28:48	117.4
4303.71		00:28:39	
4318.88	2340	00:28:30	117.4
4296.11		00:28:21	
4296.18		00:28:12	117.4
4296.89	1755	00:28:03	
4296.42		00:27:54	117.4
4296.08		00:27:45	
4297.39	1755	00:27:36	117.4
4296.84		00:27:27	
4297.56		00:27:18	117.4
4296.70		00:27:09	
4297.66	1755	00:27:00	117.4
4296.72		00:26:51	
4298.34		00:26:42	117.4
4299.22	1755	00:26:33	
4299.78		00:26:24	117.4
4346.41		00:26:15	
4303.32	1170	00:26:06	117.4
4302.84		00:25:57	
4302.82		00:25:48	117.4
4300.74		00:25:39	
4301.53	1170	00:25:30	117.4
4302.06		00:25:21	
4301.57		00:25:12	117.4
4301.47	1170	00:25:03	
4300.40		00:24:54	117.4
4300.10		00:24:45	
4300.23	1170	00:24:36	117.4
4300.93		00:24:27	
4299.77		00:24:18	117.4
4300.81		00:24:09	
4299.51	1170	00:24:00	117.4
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4276.59		00:23:42	117.4
4297.54	585	00:23:33	
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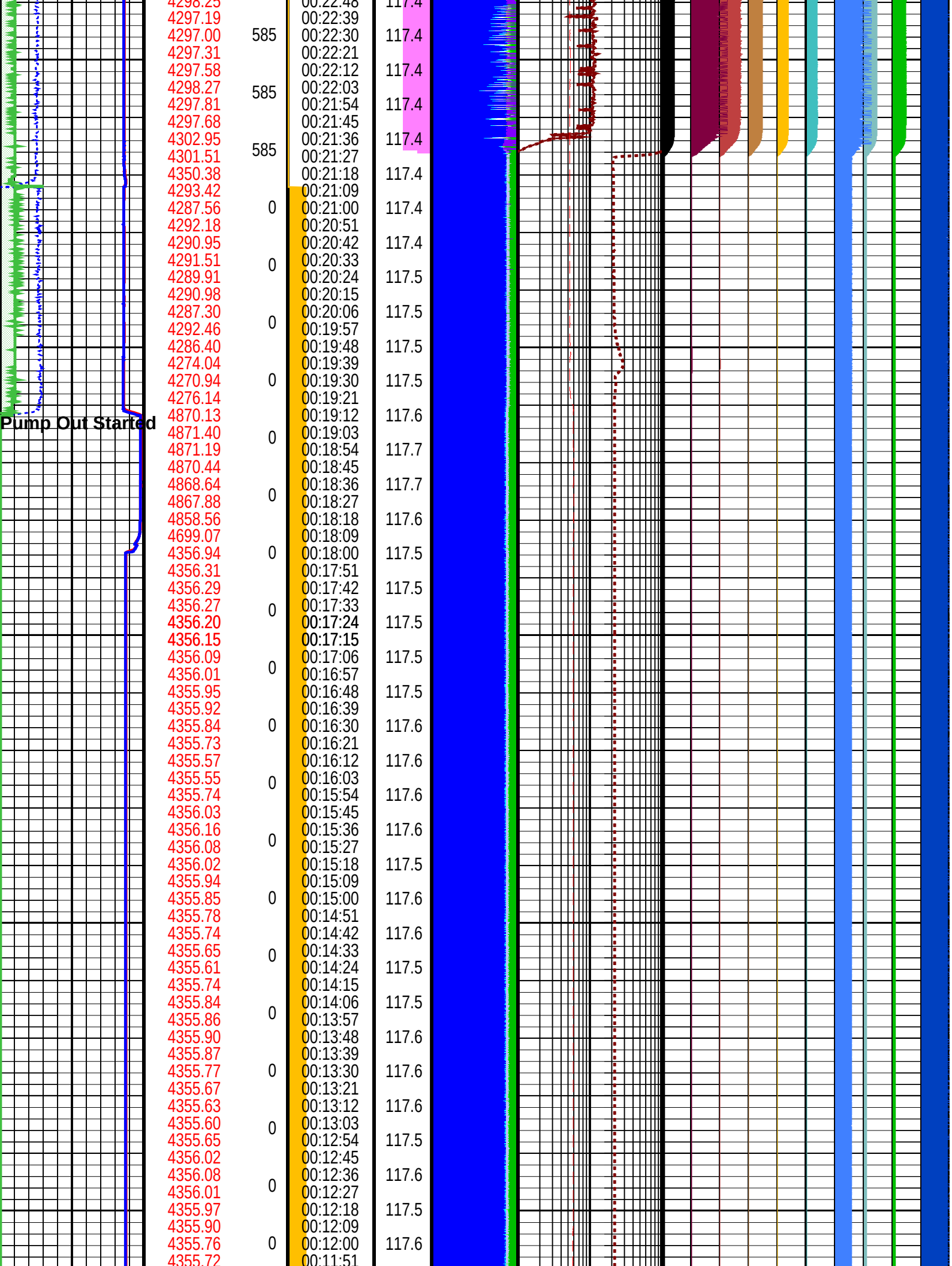
4299.23		00:22:57	



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4297.81		00:21:54	117.4
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4302.95	585	00:21:36	117.4
4301.51		00:21:27	
4350.38		00:21:18	117.4
4293.42		00:21:09	
4287.56	0	00:21:00	117.4
4292.18		00:20:51	
4290.95		00:20:42	117.4
4291.51	0	00:20:33	
4289.91		00:20:24	117.5
4290.98		00:20:15	
4287.30	0	00:20:06	117.5
4292.46		00:19:57	
4286.40		00:19:48	117.5
4274.04		00:19:39	
4270.94	0	00:19:30	117.5
4276.14		00:19:21	
4870.13		00:19:12	117.6
4871.40	0	00:19:03	
4871.19		00:18:54	117.7
4870.44		00:18:45	
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4867.88		00:18:27	
4858.56		00:18:18	117.6
4699.07		00:18:09	
4356.94	0	00:18:00	117.5
4356.31		00:17:51	
4356.29		00:17:42	117.5
4356.27	0	00:17:33	
4356.20		00:17:24	117.5
4356.15		00:17:15	
4356.09	0	00:17:06	117.5
4356.01		00:16:57	
4355.95		00:16:48	117.5
4355.92		00:16:39	
4355.84	0	00:16:30	117.6
4355.73		00:16:21	
4355.57		00:16:12	117.6
4355.55	0	00:16:03	
4355.74		00:15:54	117.6
4356.03		00:15:45	
4356.16	0	00:15:36	117.6
4356.08		00:15:27	
4356.02		00:15:18	117.5
4355.94		00:15:09	
4355.85	0	00:15:00	117.6
4355.78		00:14:51	
4355.74		00:14:42	117.6
4355.65	0	00:14:33	
4355.61		00:14:24	117.5
4355.74		00:14:15	
4355.84	0	00:14:06	117.5
4355.86		00:13:57	
4355.90		00:13:48	117.6
4355.87		00:13:39	
4355.77	0	00:13:30	117.6
4355.67		00:13:21	
4355.63		00:13:12	117.6
4355.60	0	00:13:03	
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4356.02		00:12:45	
4356.08	0	00:12:36	117.6
4356.01		00:12:27	
4355.97		00:12:18	117.5
4355.90		00:12:09	
4355.76	0	00:12:00	117.6
4355.72		00:11:51	

4355.46		00:11:42	117.6
4355.67	0	00:11:33	
4355.94		00:11:24	117.5
4355.88		00:11:15	
4356.09	0	00:11:06	117.6
4356.07		00:10:57	
4356.13		00:10:48	117.5
4355.90		00:10:39	
4355.82	0	00:10:30	117.5
4355.82		00:10:21	
4355.76		00:10:12	117.5
4355.62	0	00:10:03	
4355.47		00:09:54	117.5
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4355.82	0	00:09:36	117.5
4355.58		00:09:27	
4355.51		00:09:18	117.5
4355.35		00:09:09	
4355.57	0	00:09:00	117.5
4355.58		00:08:51	
4355.34		00:08:42	117.5
4355.10	0	00:08:33	
4354.84		00:08:24	117.5
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4353.83		00:07:57	
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4353.39		00:07:39	
4353.14	0	00:07:30	117.5
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4352.31		00:07:12	117.5
4352.19	0	00:07:03	
4352.11		00:06:54	117.5
4351.97		00:06:45	
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4351.55		00:06:27	
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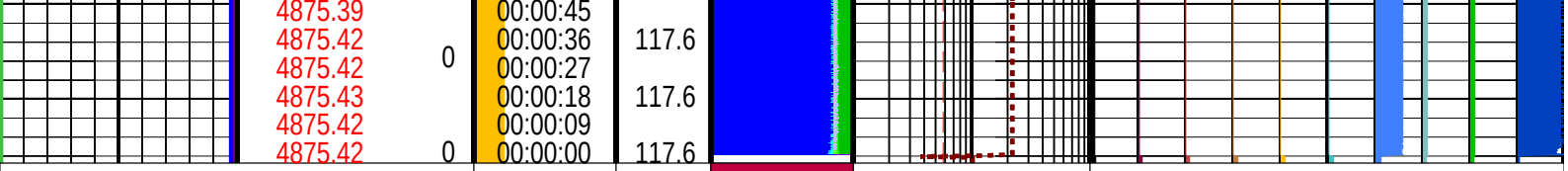
4351.14	0	00:06:00	117.5
4351.01		00:05:51	
4350.95		00:05:42	117.5
4350.99	0	00:05:33	
4351.02		00:05:24	117.5
4350.96		00:05:15	
Vert Pretest 10.0 cc @ 40 C3/M 4334.01		00:05:06	117.5
4666.71	0	00:04:57	
4417.70		00:04:48	117.5
4413.28		00:04:39	
4402.26	0	00:04:30	117.5
4401.53		00:04:21	
4395.03		00:04:12	117.5
4391.12	0	00:04:03	
4377.80		00:03:54	117.5
4366.35		00:03:45	
4358.09	0	00:03:36	117.5
4355.21		00:03:27	
4352.15		00:03:18	117.5
4351.66		00:03:09	
Vert Pretest 10.1 cc @ 40 C3/M 4444.77	0	00:03:00	117.6
4760.79		00:02:51	
4968.26		00:02:42	117.7
4964.04	0	00:02:33	
4923.99		00:02:24	117.7
4881.18		00:02:15	
4881.68	0	00:02:06	117.7
4875.44		00:01:57	
4875.41		00:01:48	117.6
4875.42		00:01:39	
Probe Set @ 3057.2 M 4875.39	0	00:01:30	117.6
4875.49		00:01:21	
4875.45		00:01:12	117.6
4875.40	0	00:01:03	
4875.42		00:00:54	117.6



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: Power Cartridge		

PDCO	Probe Depth Correction Offset	0	M

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 26−Nov−2004 22:35

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_126LTP	FN:205	PRODUCER	26−Nov−2004 22:35
RT_BACKUP	MDT_OFA_126LTP	FN:206	PRODUCER	26−Nov−2004 22:35

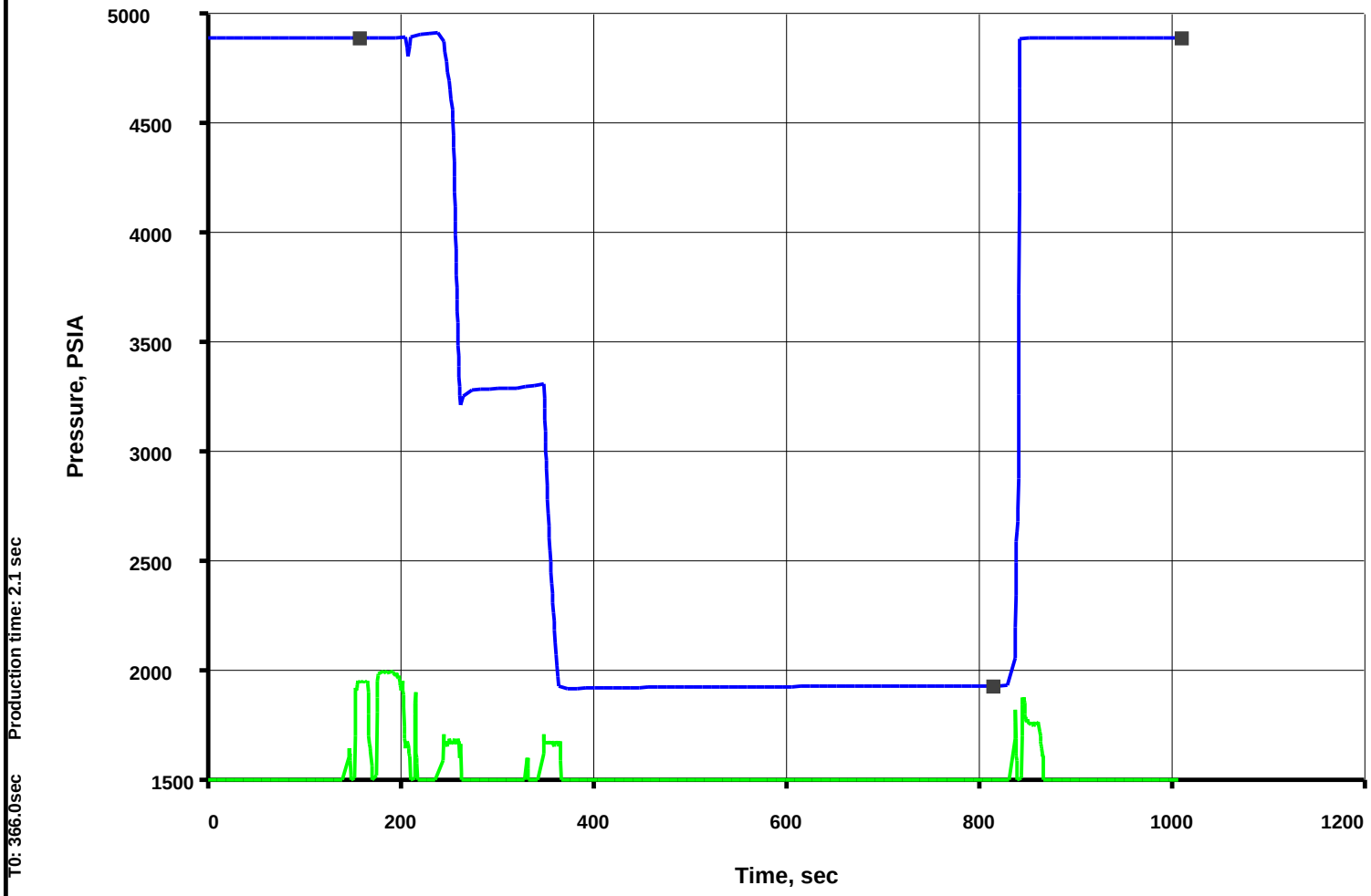
Schlumberger

Pretest @ 3067.0 mMD

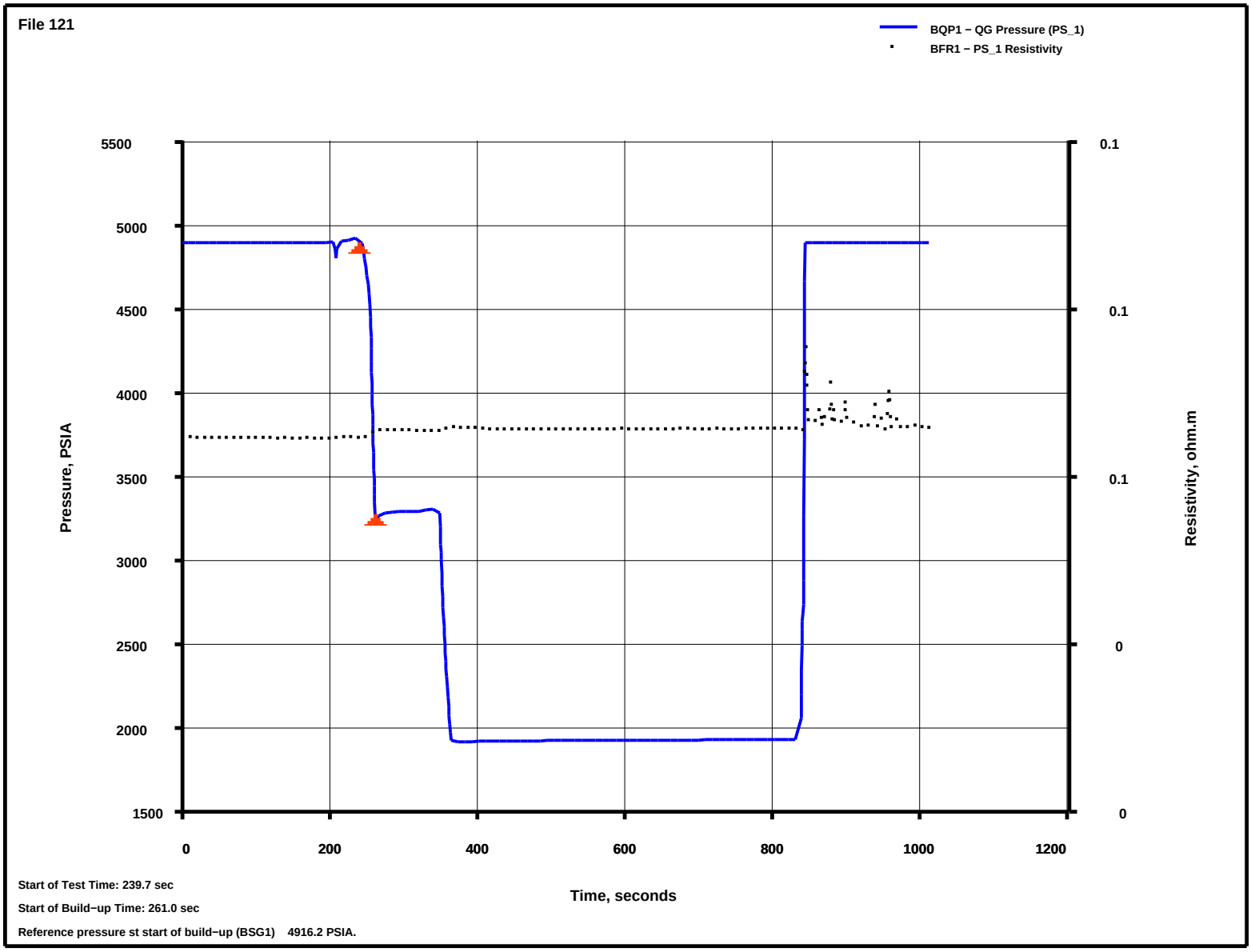
MAXIS Field Log

File 121 Depth, M: 3067.00 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	4891.17
Mud Pressure after test, PSIA:	4891.23
Last build−up pressure, PSIA:	1931.54



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



Output DLIS Files

DEFAULT	MDT_OFA_121LTP	FN:195	PRODUCER	26–Nov–2004 21:11	3067.0 M	2.6 M
RT_BACKUP	MDT_OFA_121LTP	FN:196	PRODUCER	26–Nov–2004 21:11	3067.0 M	2.6 M

Elapsed Time (s)	Event Summary
839.7	Retract Single Probe Module (MRPS) 1
343.2	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
239.7	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
171.0	Probe Set @ 3067.0 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

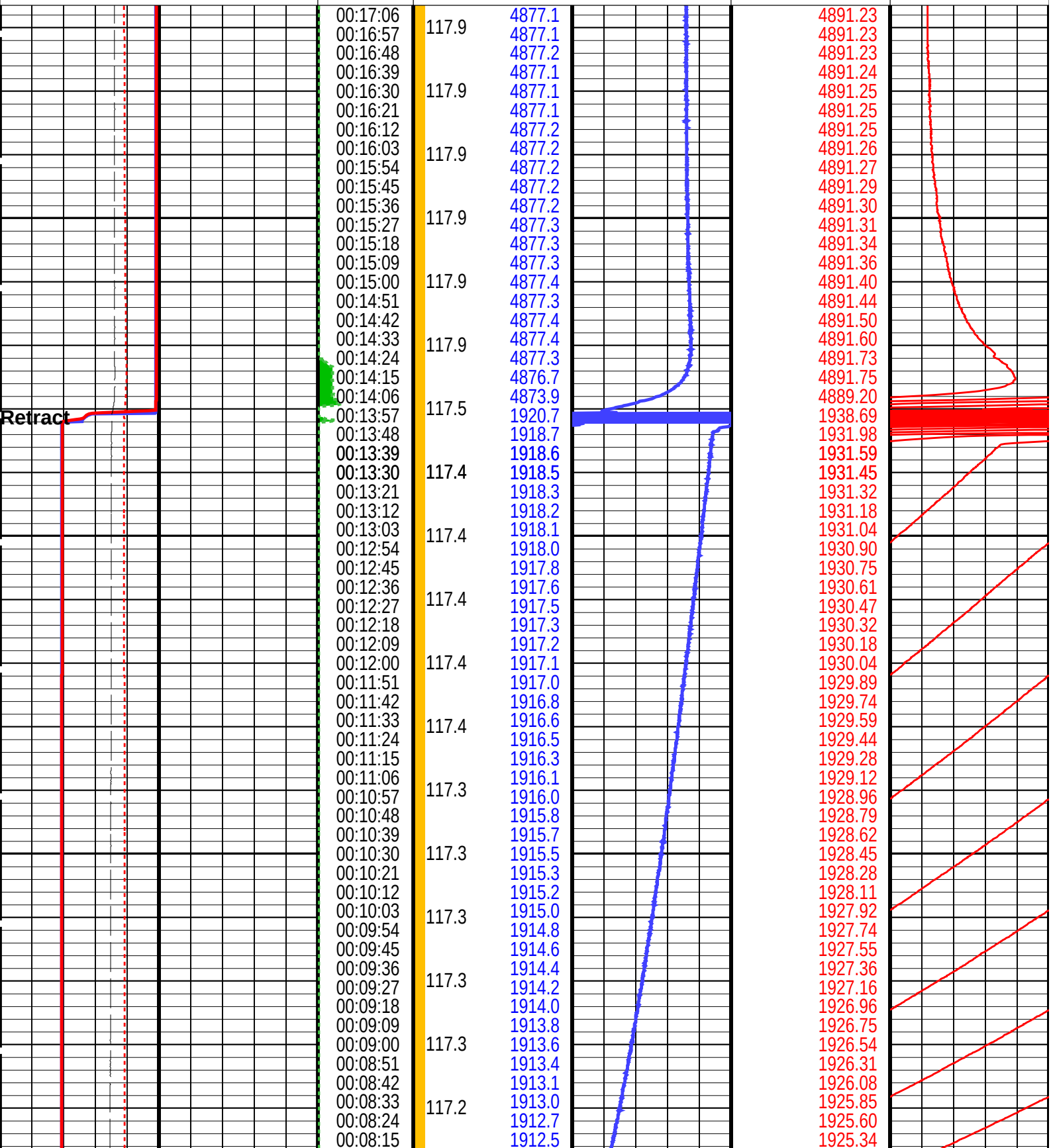
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

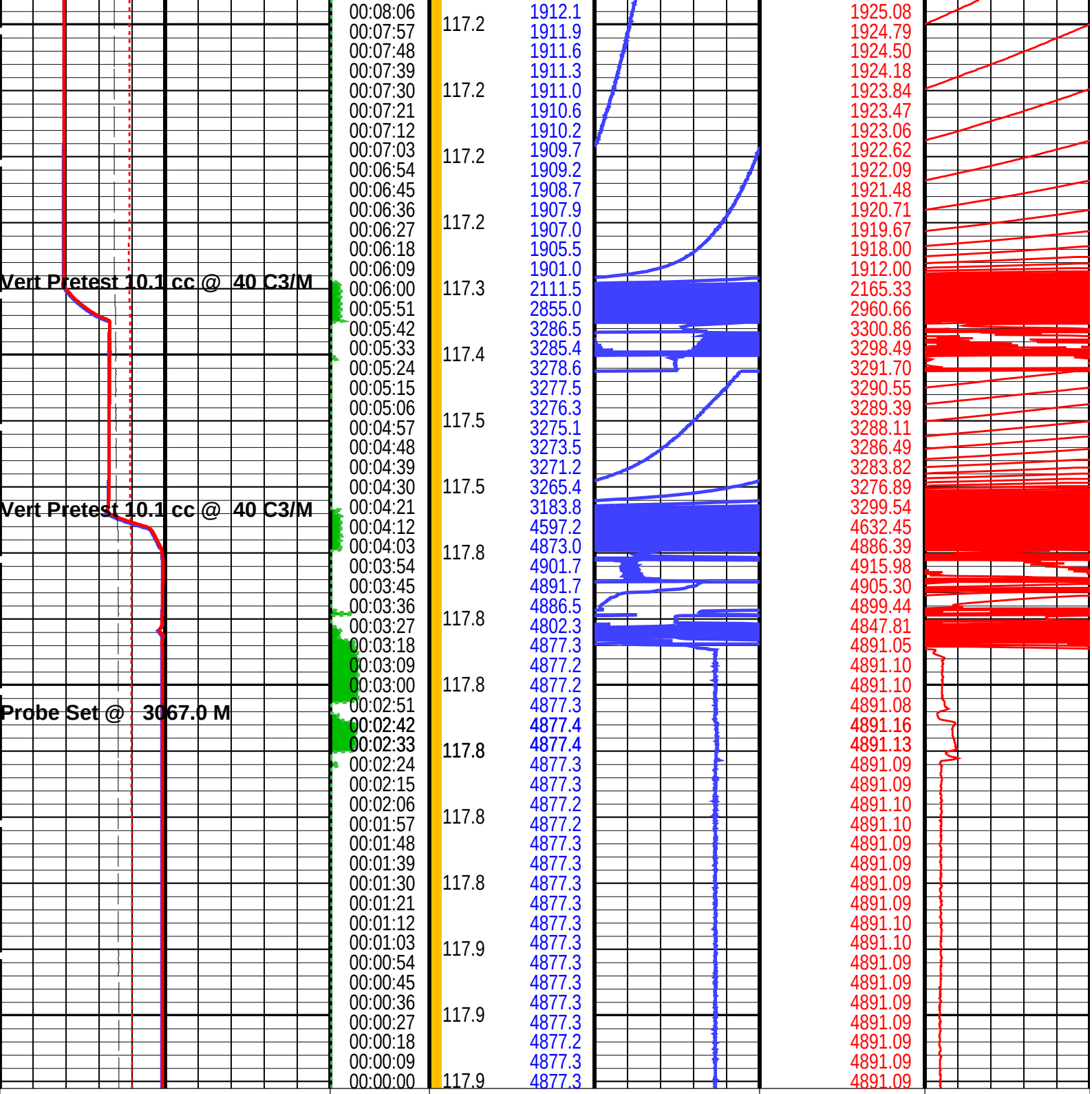
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

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)
00:17:06		4877.1	4891.23
00:16:57	117.9	4877.1	4891.23
00:16:48		4877.2	4891.23
00:16:39		4877.1	4891.24
00:16:30	117.9	4877.1	4891.25
00:16:21		4877.1	4891.25
00:16:12		4877.2	4891.25
00:16:03	117.9	4877.2	4891.26
00:15:54		4877.2	4891.27
00:15:45		4877.2	4891.29
00:15:36	117.9	4877.2	4891.30
00:15:27		4877.3	4891.31
00:15:18		4877.3	4891.34
00:15:09		4877.3	4891.36
00:15:00	117.9	4877.4	4891.40
00:14:51		4877.3	4891.44
00:14:42		4877.4	4891.50
00:14:33	117.9	4877.4	4891.60
00:14:24		4877.3	4891.73
00:14:15		4876.7	4891.75
00:14:06		4873.9	4889.20
00:13:57	117.5	1920.7	1938.69
00:13:48		1918.7	1931.98
00:13:39		1918.6	1931.59
00:13:30	117.4	1918.5	1931.45
00:13:21		1918.3	1931.32
00:13:12		1918.2	1931.18
00:13:03	117.4	1918.1	1931.04
00:12:54		1918.0	1930.90
00:12:45		1917.8	1930.75
00:12:36		1917.6	1930.61
00:12:27	117.4	1917.5	1930.47
00:12:18		1917.3	1930.32
00:12:09		1917.2	1930.18
00:12:00	117.4	1917.1	1930.04
00:11:51		1917.0	1929.89
00:11:42		1916.8	1929.74
00:11:33	117.4	1916.6	1929.59
00:11:24		1916.5	1929.44
00:11:15		1916.3	1929.28
00:11:06		1916.1	1929.12
00:10:57	117.3	1916.0	1928.96
00:10:48		1915.8	1928.79
00:10:39		1915.7	1928.62
00:10:30	117.3	1915.5	1928.45
00:10:21		1915.3	1928.28
00:10:12		1915.2	1928.11
00:10:03	117.3	1915.0	1927.92
00:09:54		1914.8	1927.74
00:09:45		1914.6	1927.55
00:09:36		1914.4	1927.36
00:09:27	117.3	1914.2	1927.16
00:09:18		1914.0	1926.96
00:09:09		1913.8	1926.75
00:09:00	117.3	1913.6	1926.54
00:08:51		1913.4	1926.31
00:08:42		1913.1	1926.08
00:08:33	117.2	1913.0	1925.85
00:08:24		1912.7	1925.60
00:08:15		1912.5	1925.34



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)
00:08:06	117.2	1912.1	1925.08	
00:07:57		1911.9	1924.79	
00:07:48		1911.6	1924.50	
00:07:39		1911.3	1924.18	
00:07:30	117.2	1911.0	1923.84	
00:07:21		1910.6	1923.47	
00:07:12		1910.2	1923.06	
00:07:03	117.2	1909.7	1922.62	
00:06:54		1909.2	1922.09	
00:06:45		1908.7	1921.48	
00:06:36	117.2	1907.9	1920.71	
00:06:27		1907.0	1919.67	
00:06:18		1905.5	1918.00	
00:06:09		1901.0	1912.00	
00:06:00	117.3	2111.5	2165.33	
00:05:51		2855.0	2960.66	
00:05:42		3286.5	3300.86	
00:05:33	117.4	3285.4	3298.49	
00:05:24		3278.6	3291.70	
00:05:15		3277.5	3290.55	
00:05:06	117.5	3276.3	3289.39	
00:04:57		3275.1	3288.11	
00:04:48		3273.5	3286.49	
00:04:39		3271.2	3283.82	
00:04:30	117.5	3265.4	3276.89	
00:04:21		3183.8	3299.54	
00:04:12		4597.2	4632.45	
00:04:03	117.8	4873.0	4886.39	
00:03:54		4901.7	4915.98	
00:03:45		4891.7	4905.30	
00:03:36	117.8	4886.5	4899.44	
00:03:27		4802.3	4847.81	
00:03:18		4877.3	4891.05	
00:03:09		4877.2	4891.10	
00:03:00	117.8	4877.2	4891.10	
00:02:51		4877.3	4891.08	
00:02:42		4877.4	4891.16	
00:02:33	117.8	4877.4	4891.13	
00:02:24		4877.3	4891.09	
00:02:15		4877.3	4891.09	
00:02:06	117.8	4877.2	4891.10	
00:01:57		4877.2	4891.10	
00:01:48		4877.3	4891.09	
00:01:39		4877.3	4891.09	
00:01:30	117.8	4877.3	4891.09	
00:01:21		4877.3	4891.09	
00:01:12		4877.3	4891.10	
00:01:03	117.9	4877.3	4891.10	
00:00:54		4877.3	4891.09	
00:00:45		4877.3	4891.09	
00:00:36		4877.3	4891.09	
00:00:27	117.9	4877.3	4891.09	
00:00:18		4877.2	4891.09	
00:00:09		4877.3	4891.09	
00:00:00	117.9	4877.3	4891.09	

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: 26−Nov−2004 21:11

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_121LTP	FN:195	PRODUCER	26−Nov−2004 21:11
RT_BACKUP	MDT_OFA_121LTP	FN:196	PRODUCER	26−Nov−2004 21:11

Schlumberger

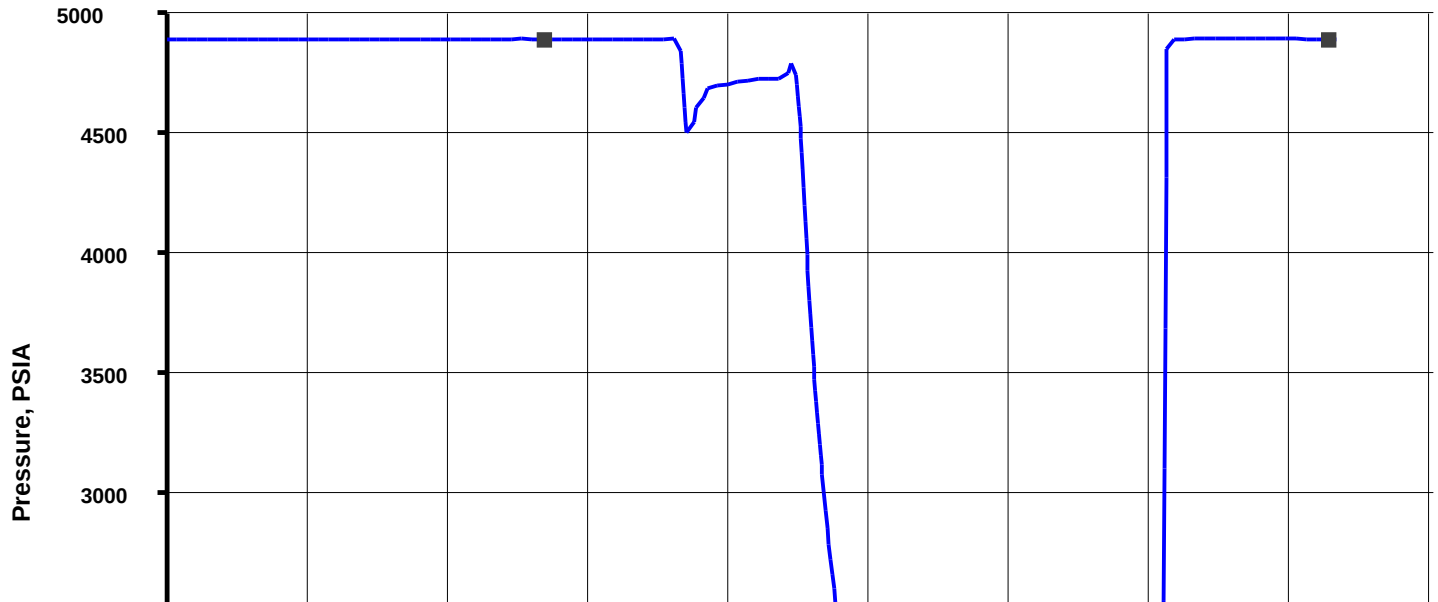
Pretest @ 3067.5 mMD

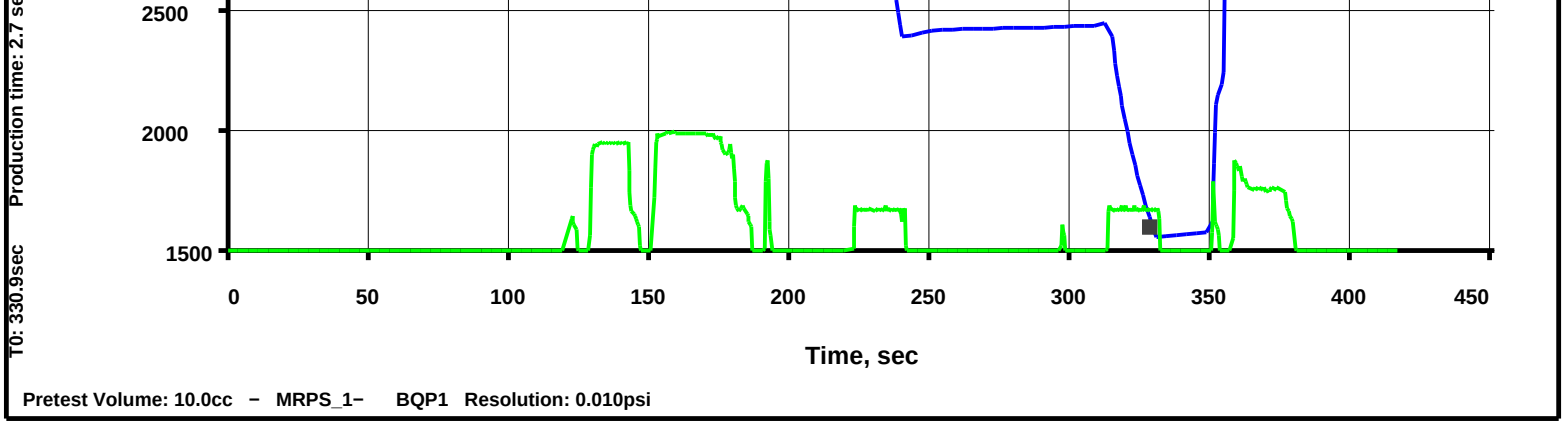
MAXIS Field Log

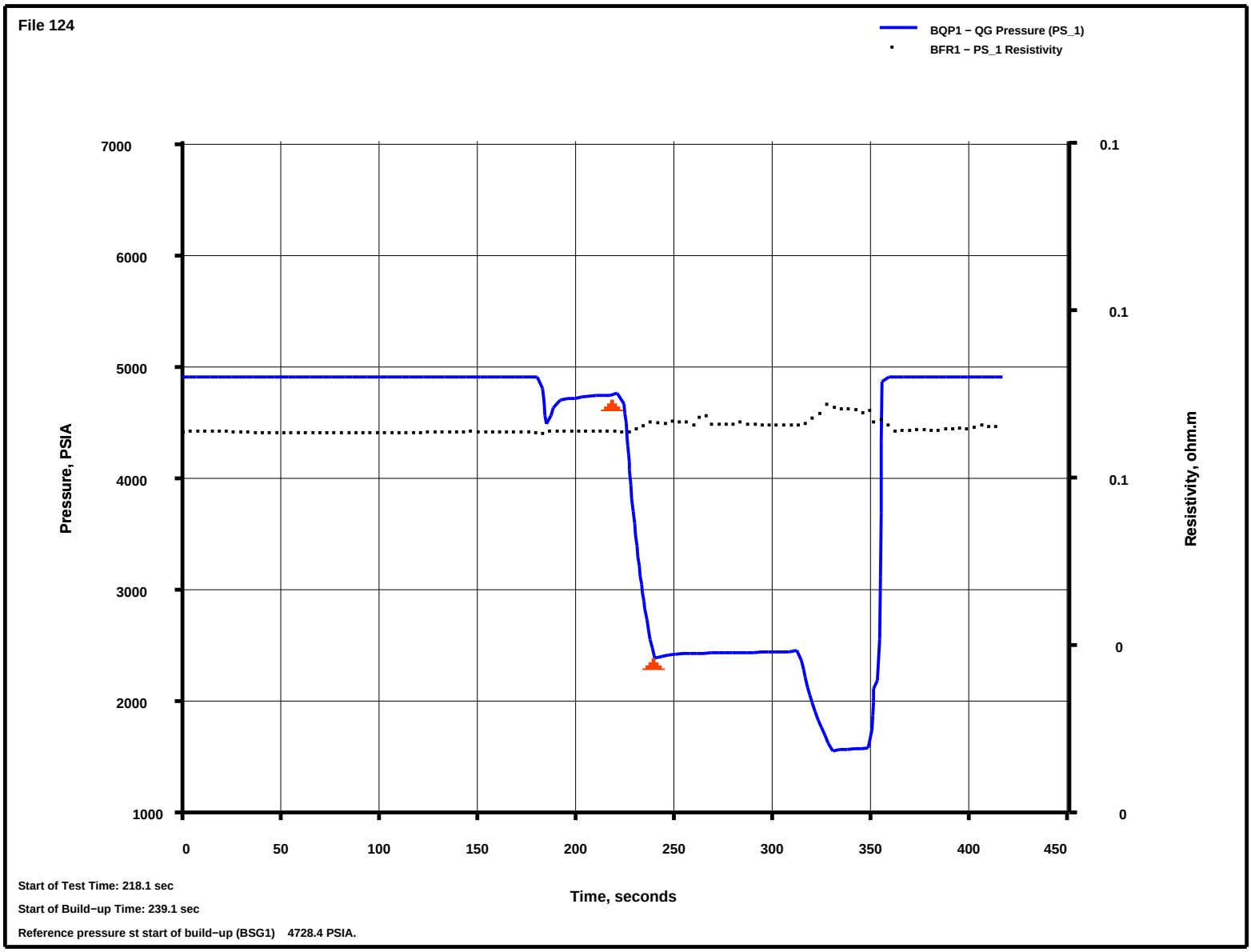
File 124 Depth, M: 3067.49

Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	4891.97
Mud Pressure after test, PSIA:	4891.94
Last build−up pressure, PSIA:	1603.75







Output DLIS Files

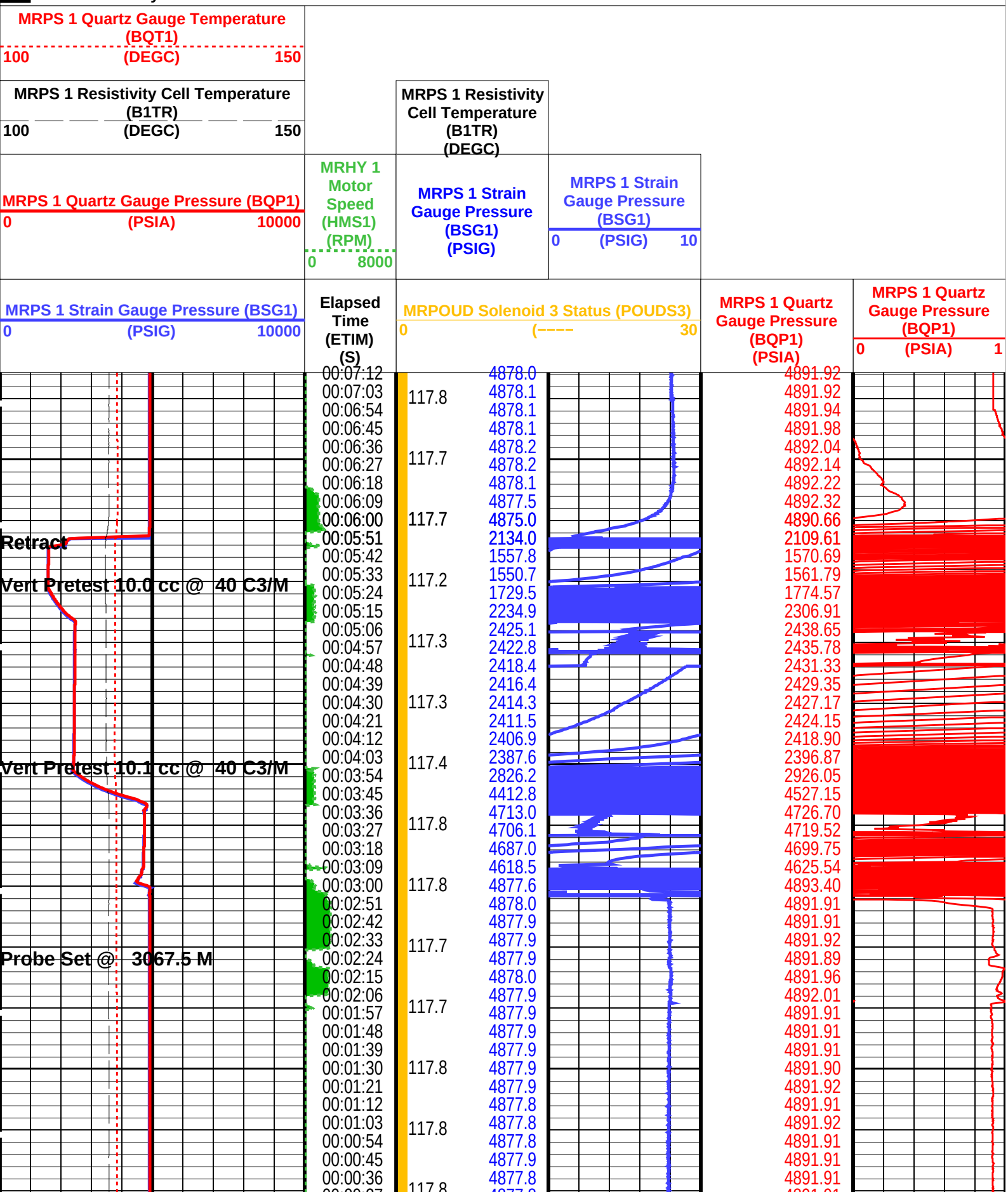
DEFAULT	MDT_OFA_124LTP	FN:201	PRODUCER	26−Nov−2004 21:47	3067.5 M	1.1 M
RT_BACKUP	MDT_OFA_124LTP	FN:202	PRODUCER	26−Nov−2004 21:47	3067.5 M	1.1 M

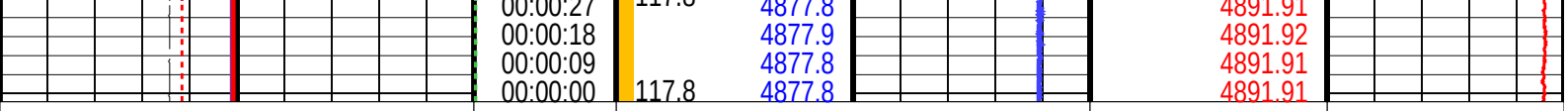
Elapsed Time (s)	Event Summary
352.2	Retract Single Probe Module (MRPS) 1
307.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1

218.1	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
147.3	Probe Set @ 3067.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





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: 26-Nov-2004 21:47

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	MRMS_2	12C0-301
MRPC	12C0-301	SGT-L	12C0-301
TCC-BF	12C0-301		

Output DLIS Files

DEFAULT	MDT_OFA_124LTP	FN:201	PRODUCER	26-Nov-2004 21:47
RT_BACKUP	MDT_OFA_124LTP	FN:202	PRODUCER	26-Nov-2004 21:47

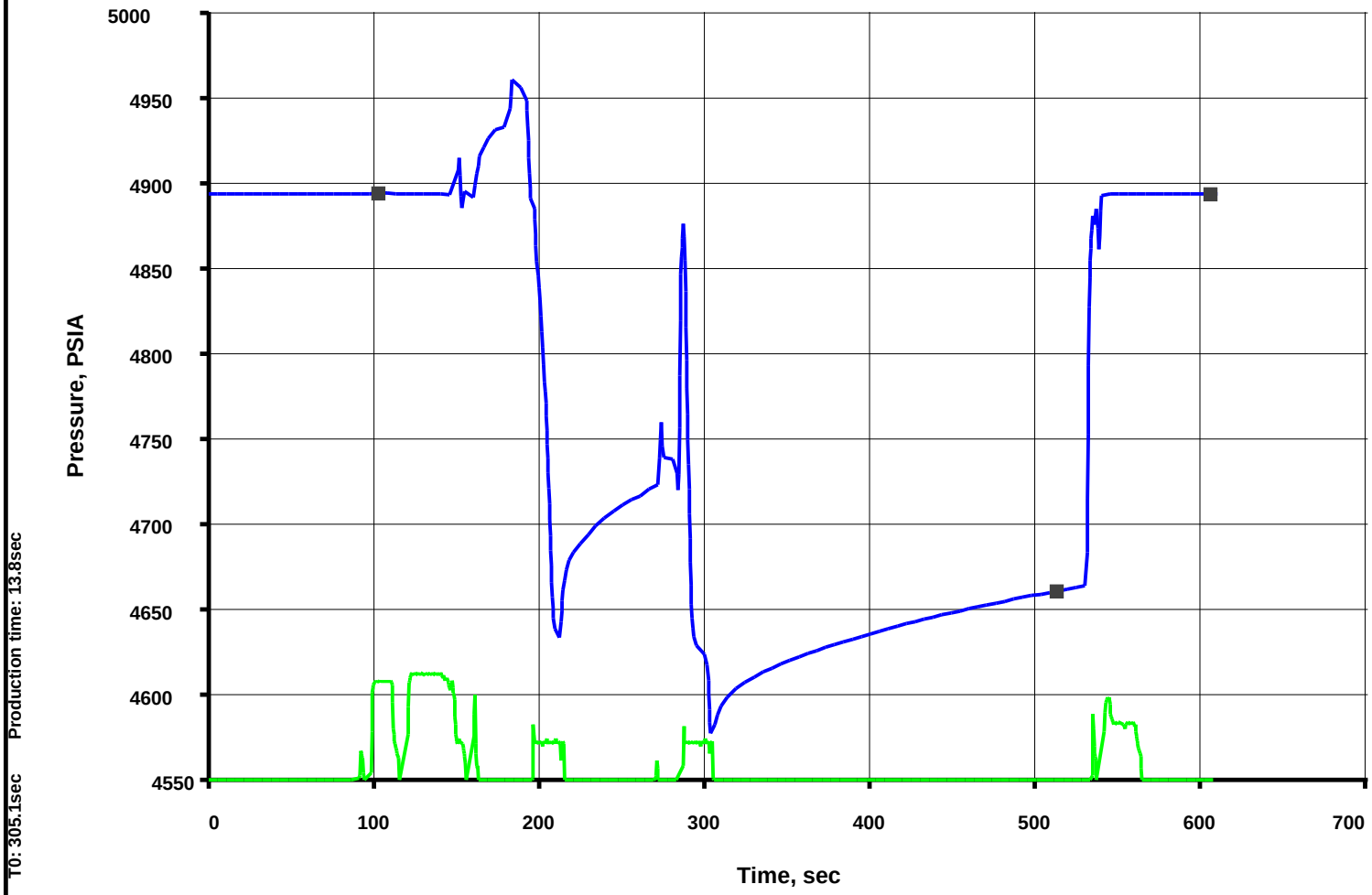
Schlumberger

Pretest @ 3068.5 mMD

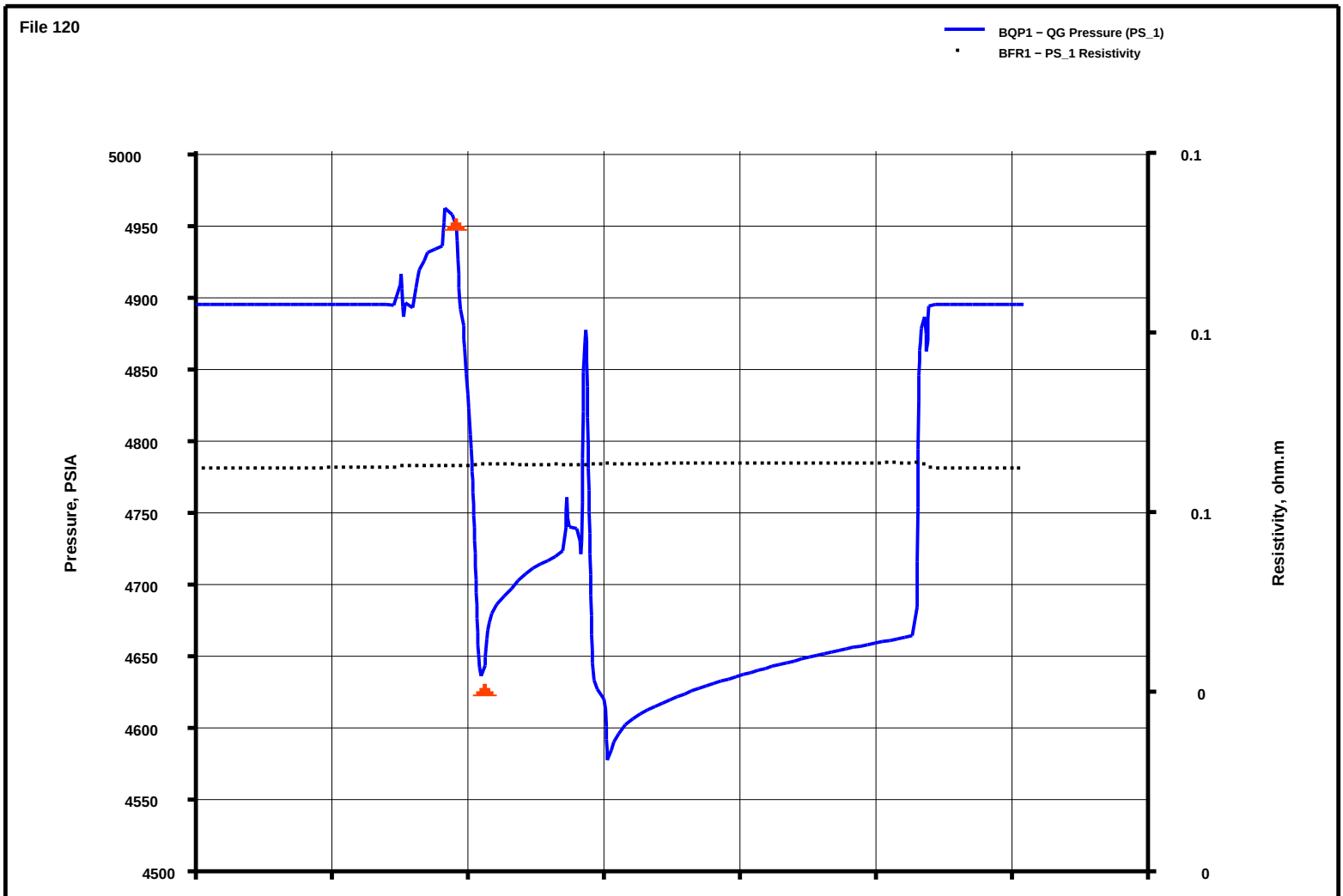
MAXIS Field Log

File 120 Depth, M: 3068.51 Dry Test - Large-Diameter probe

Mud Pressure before test, PSIA:	4893.58
Mud Pressure after test, PSIA:	4893.47
Last build-up pressure, PSIA:	4660.85



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



0 100 200 300 400 500 600 700

Time, seconds

Start of Test Time: 191.1 sec

Start of Build−up Time: 212.4 sec

Reference pressure st start of build−up (BSG1) 4952.1 PSIA.

Output DLIS Files

DEFAULT	MDT_OFA_120LTP	FN:193	PRODUCER	26−Nov−2004 20:55	3068.5 M	1.6 M
RT_BACKUP	MDT_OFA_120LTP	FN:194	PRODUCER	26−Nov−2004 20:55	3068.5 M	1.6 M

Elapsed Time (s)	Event Summary
536.4	Retract Single Probe Module (MRPS) 1
282.0	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
191.1	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
115.8	Probe Set @ 3068.5 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

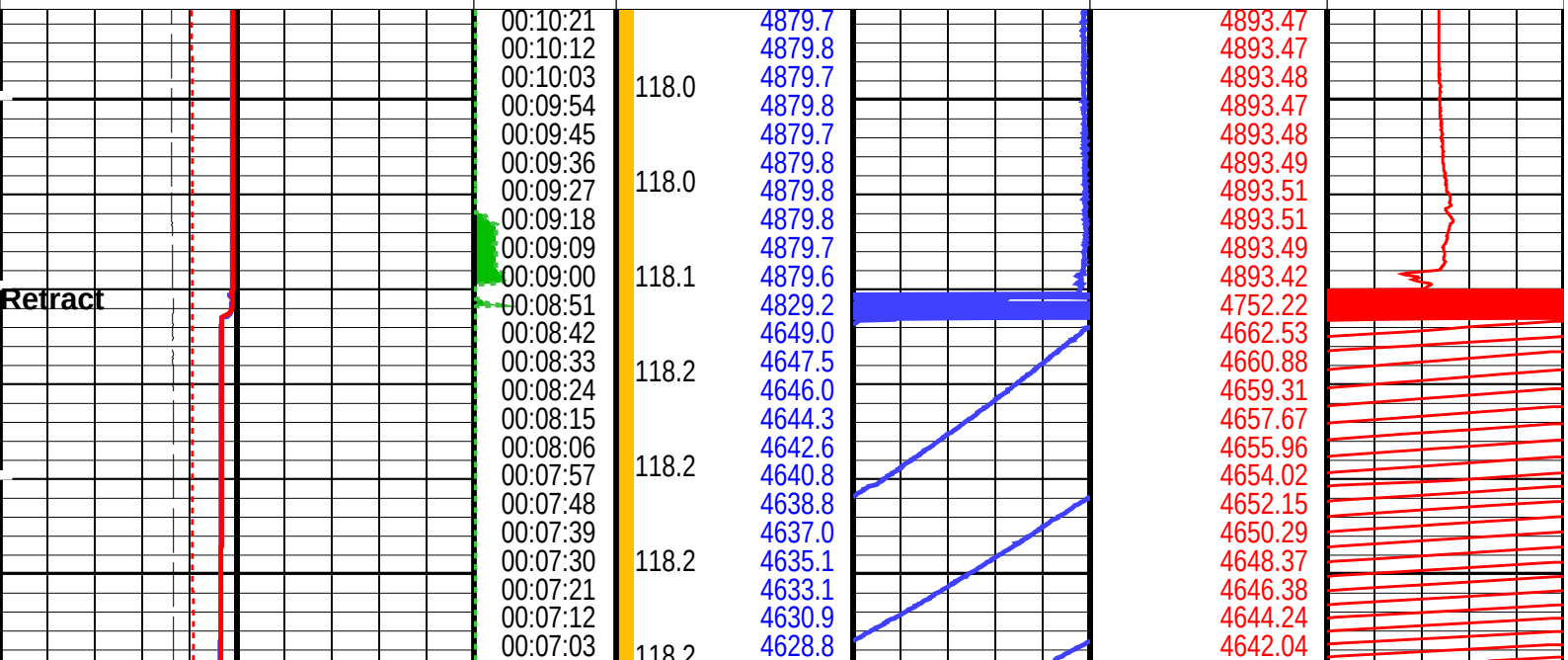
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

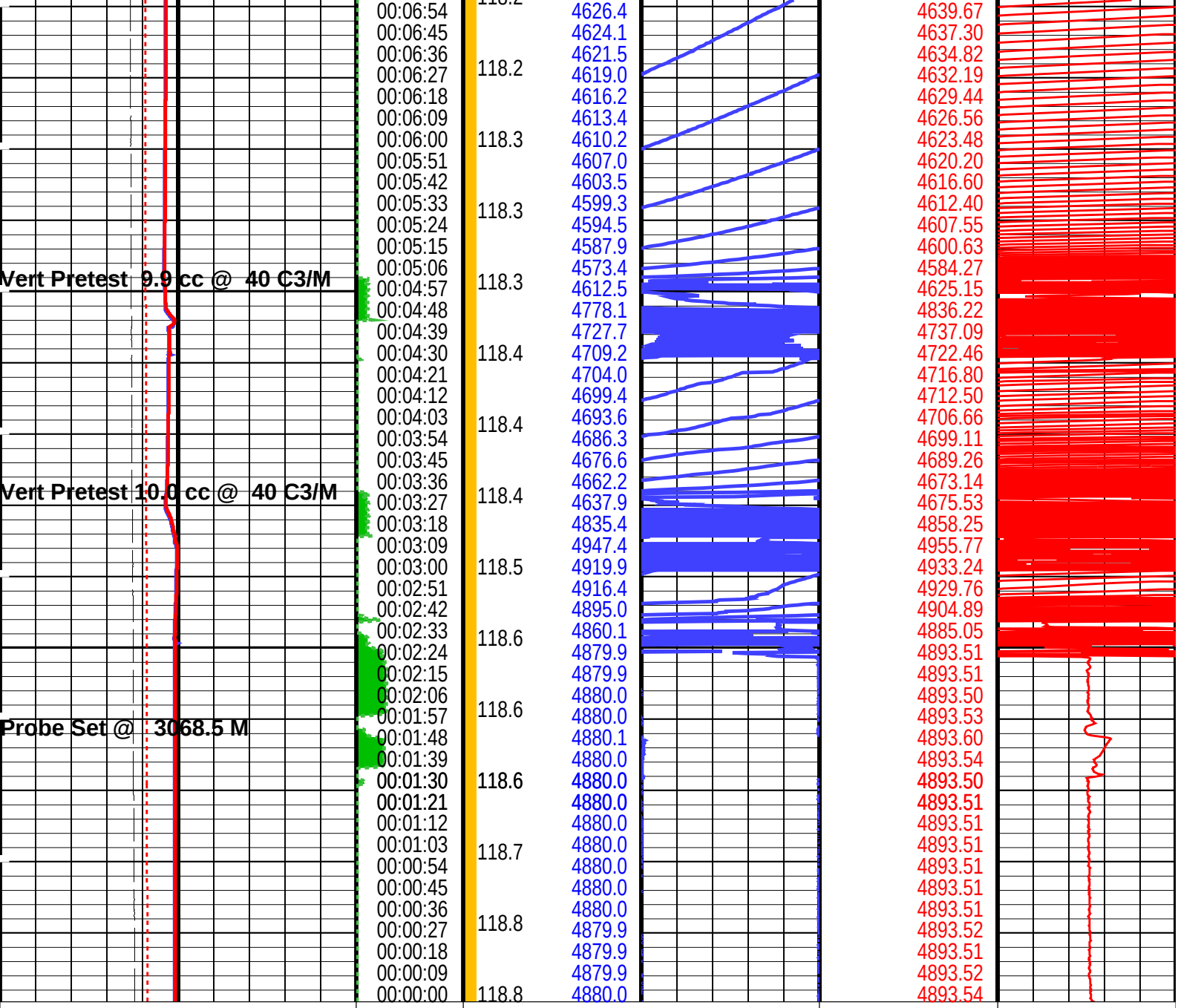
MRPOUD Solenoid 3 Status (POUDS3) 0 (−−−− 30

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)
00:10:21		4879.7	4893.47
00:10:12		4879.8	4893.47
00:10:03	118.0	4879.7	4893.48
00:09:54		4879.8	4893.47
00:09:45		4879.7	4893.48
00:09:36		4879.8	4893.49
00:09:27	118.0	4879.8	4893.51
00:09:18		4879.8	4893.51
00:09:09		4879.7	4893.49
00:09:00	118.1	4879.6	4893.42
00:08:51		4829.2	4752.22
00:08:42		4649.0	4662.53
00:08:33	118.2	4647.5	4660.88
00:08:24		4646.0	4659.31
00:08:15		4644.3	4657.67
00:08:06		4642.6	4655.96
00:07:57	118.2	4640.8	4654.02
00:07:48		4638.8	4652.15
00:07:39		4637.0	4650.29
00:07:30	118.2	4635.1	4648.37
00:07:21		4633.1	4646.38
00:07:12		4630.9	4644.24
00:07:03	118.2	4628.8	4642.04



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)
00:06:54	118.2	4626.4	4639.67	
00:06:45		4624.1	4637.30	
00:06:36		4621.5	4634.82	
00:06:27	118.2	4619.0	4632.19	
00:06:18		4616.2	4629.44	
00:06:09		4613.4	4626.56	
00:06:00	118.3	4610.2	4623.48	
00:05:51		4607.0	4620.20	
00:05:42		4603.5	4616.60	
00:05:33	118.3	4599.3	4612.40	
00:05:24		4594.5	4607.55	
00:05:15		4587.9	4600.63	
00:05:06		4573.4	4584.27	
00:04:57	118.3	4612.5	4625.15	
00:04:48		4778.1	4836.22	
00:04:39		4727.7	4737.09	
00:04:30	118.4	4709.2	4722.46	
00:04:21		4704.0	4716.80	
00:04:12		4699.4	4712.50	
00:04:03	118.4	4693.6	4706.66	
00:03:54		4686.3	4699.11	
00:03:45		4676.6	4689.26	
00:03:36		4662.2	4673.14	
00:03:27	118.4	4637.9	4675.53	
00:03:18		4835.4	4858.25	
00:03:09		4947.4	4955.77	
00:03:00	118.5	4919.9	4933.24	
00:02:51		4916.4	4929.76	
00:02:42		4895.0	4904.89	
00:02:33	118.6	4860.1	4885.05	
00:02:24		4879.9	4893.51	
00:02:15		4879.9	4893.51	
00:02:06		4880.0	4893.50	
00:01:57	118.6	4880.0	4893.53	
00:01:48		4880.1	4893.60	
00:01:39		4880.0	4893.54	
00:01:30	118.6	4880.0	4893.50	
00:01:21		4880.0	4893.51	
00:01:12		4880.0	4893.51	
00:01:03	118.7	4880.0	4893.51	
00:00:54		4880.0	4893.51	
00:00:45		4880.0	4893.51	
00:00:36		4880.0	4893.51	
00:00:27	118.8	4879.9	4893.52	
00:00:18		4879.9	4893.51	
00:00:09		4879.9	4893.52	
00:00:00	118.8	4880.0	4893.54	

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) 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

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: 26−Nov−2004 20:56

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_120LTP	FN:193	PRODUCER	26−Nov−2004 20:55
RT_BACKUP	MDT_OFA_120LTP	FN:194	PRODUCER	26−Nov−2004 20:55

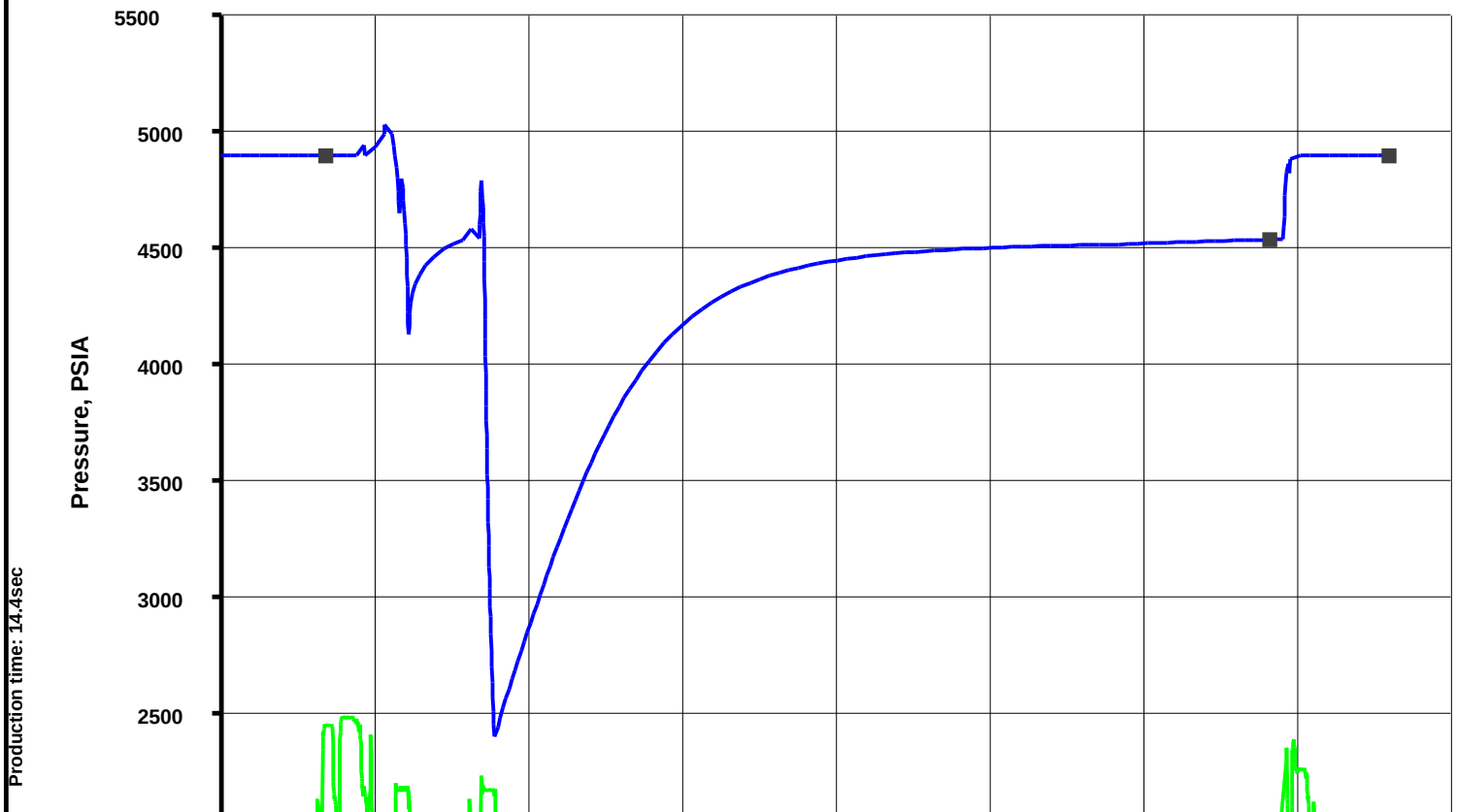
Schlumberger

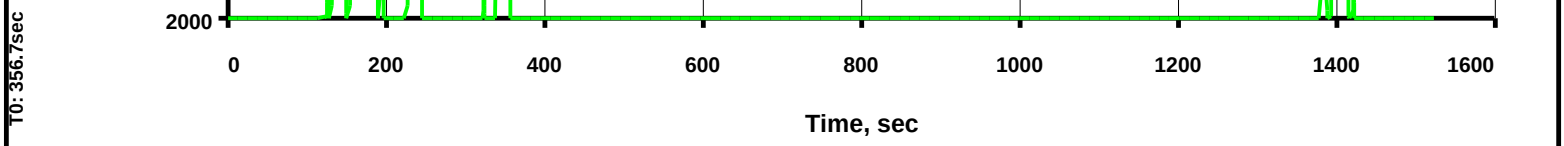
Pretest @ 3071.0 mMD

MAXIS Field Log

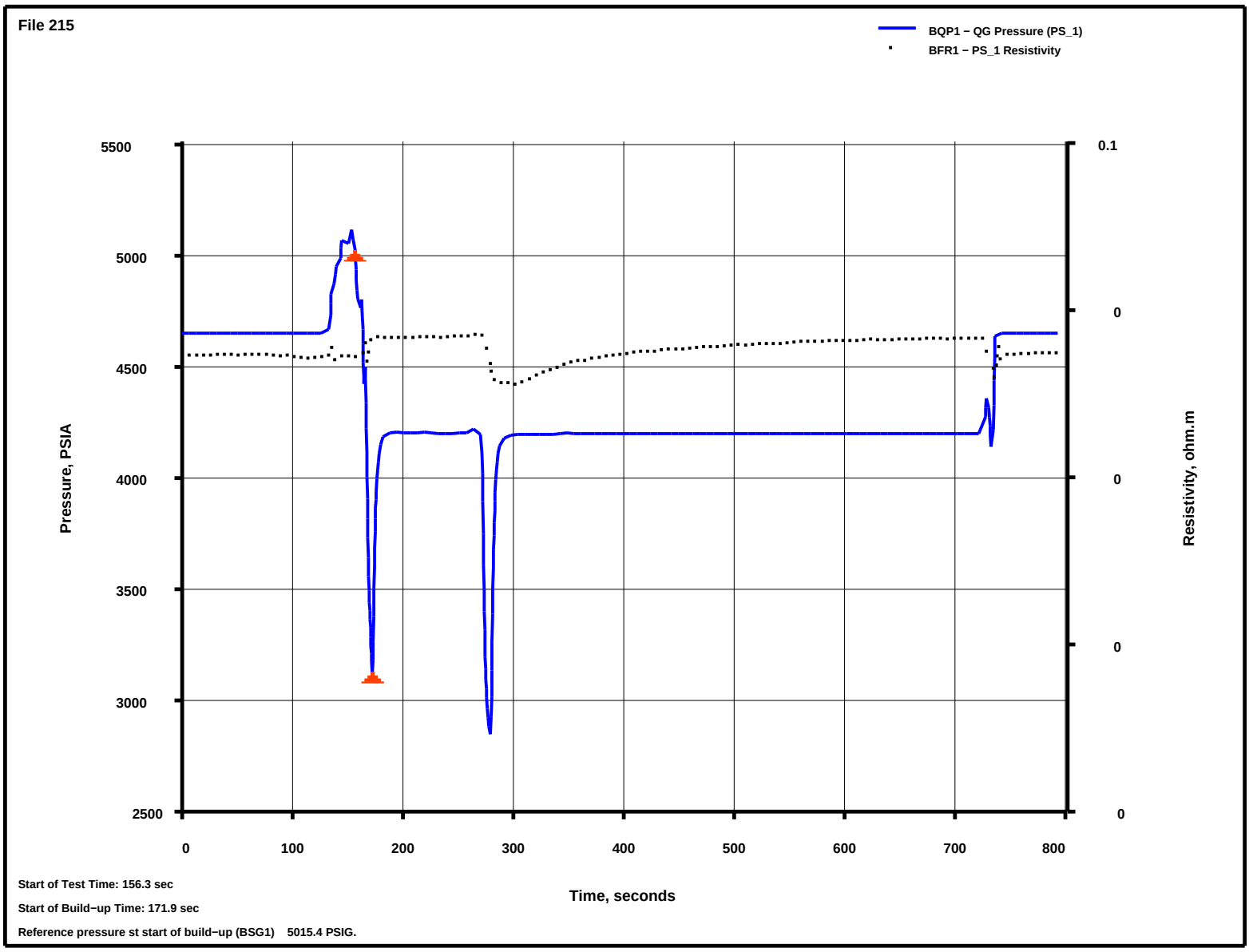
File 125 Depth, M: 3071.01 Dry Test − Large−Diameter probe

Mud Pressure before test, PSIA:	4897.46
Mud Pressure after test, PSIA:	4897.37
Last build−up pressure, PSIA:	4536.15





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



Start of Test Time: 156.3 sec

Start of Build−up Time: 171.9 sec

Reference pressure st start of build−up (BSG1) 5015.4 PSIG.

Output DLIS Files

DEFAULT	MDT_OFA_125LTP	FN:203	PRODUCER	26−Nov−2004 21:59	3071.0 M	3.9 M
RT_BACKUP	MDT_OFA_125LTP	FN:204	PRODUCER	26−Nov−2004 21:59	3071.0 M	3.9 M

Elapsed Time (s)	Event Summary
1388.7	Retract Single Probe Module (MRPS) 1
334.2	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
222.3	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
150.0	Probe Set @ 3071.0 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

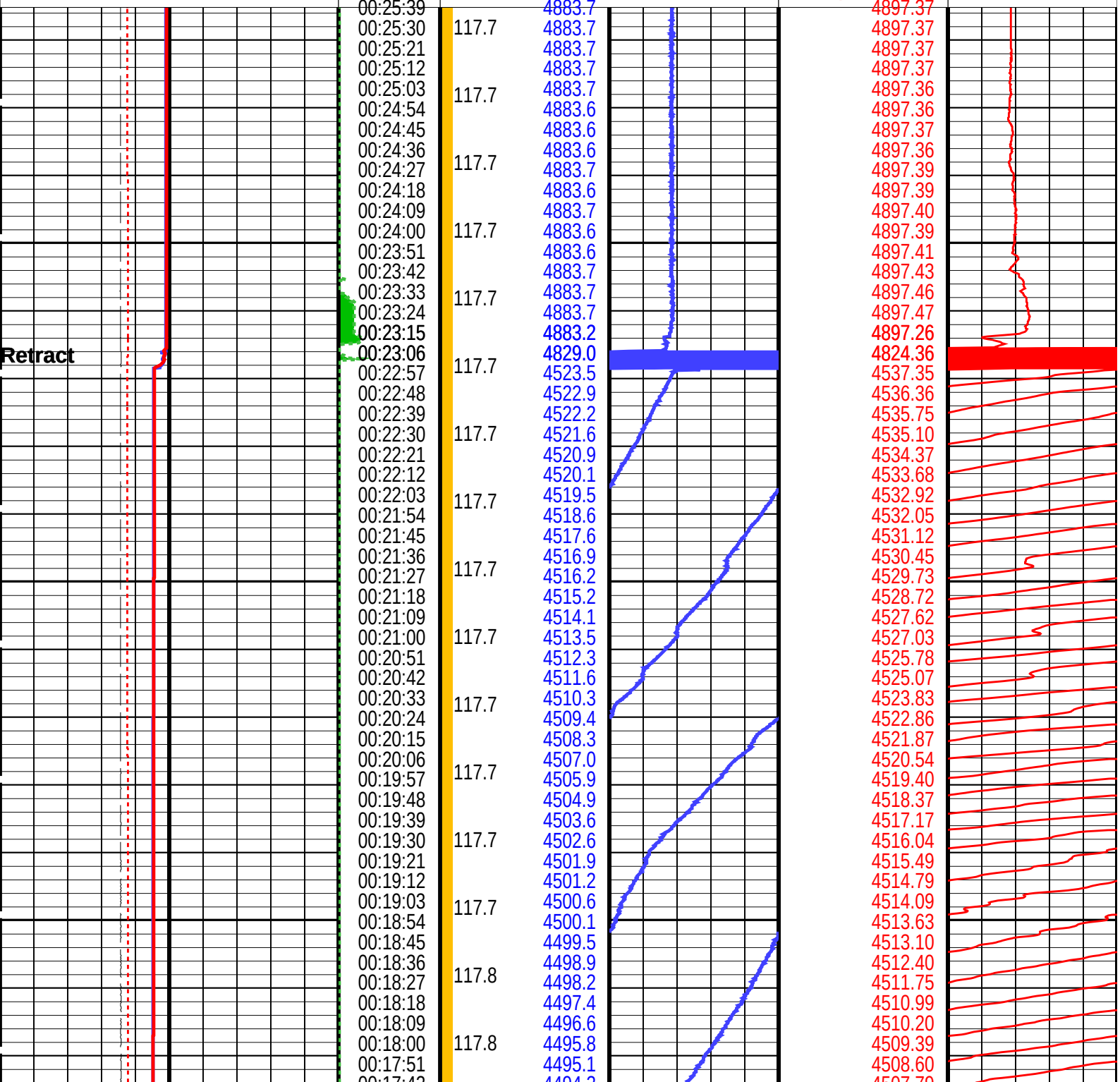
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

Elapsed Time (ETIM) (S)

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

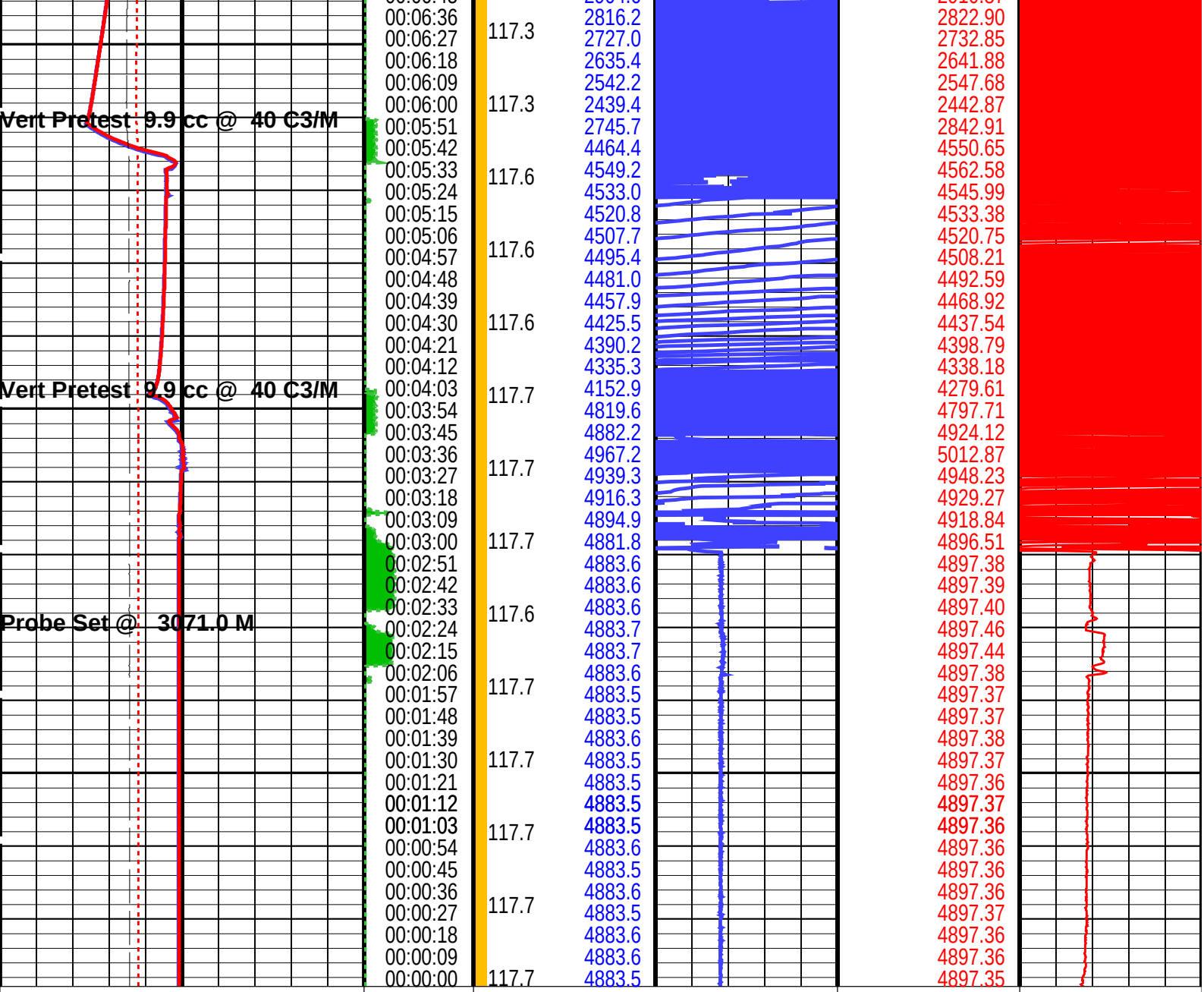
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

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)
00:25:39		4883.7	4897.37
00:25:30	117.7	4883.7	4897.37
00:25:21		4883.7	4897.37
00:25:12		4883.7	4897.37
00:25:03	117.7	4883.7	4897.36
00:24:54		4883.6	4897.36
00:24:45		4883.6	4897.37
00:24:36	117.7	4883.6	4897.36
00:24:27		4883.7	4897.39
00:24:18		4883.6	4897.39
00:24:09		4883.7	4897.40
00:24:00	117.7	4883.6	4897.39
00:23:51		4883.6	4897.41
00:23:42		4883.7	4897.43
00:23:33	117.7	4883.7	4897.46
00:23:24		4883.7	4897.47
00:23:15		4883.2	4897.26
00:23:06	117.7	4829.0	4824.36
00:22:57		4523.5	4537.35
00:22:48		4522.9	4536.36
00:22:39		4522.2	4535.75
00:22:30	117.7	4521.6	4535.10
00:22:21		4520.9	4534.37
00:22:12		4520.1	4533.68
00:22:03	117.7	4519.5	4532.92
00:21:54		4518.6	4532.05
00:21:45		4517.6	4531.12
00:21:36	117.7	4516.9	4530.45
00:21:27		4516.2	4529.73
00:21:18		4515.2	4528.72
00:21:09		4514.1	4527.62
00:21:00	117.7	4513.5	4527.03
00:20:51		4512.3	4525.78
00:20:42		4511.6	4525.07
00:20:33	117.7	4510.3	4523.83
00:20:24		4509.4	4522.86
00:20:15		4508.3	4521.87
00:20:06	117.7	4507.0	4520.54
00:19:57		4505.9	4519.40
00:19:48		4504.9	4518.37
00:19:39		4503.6	4517.17
00:19:30	117.7	4502.6	4516.04
00:19:21		4501.9	4515.49
00:19:12		4501.2	4514.79
00:19:03	117.7	4500.6	4514.09
00:18:54		4500.1	4513.63
00:18:45		4499.5	4513.10
00:18:36	117.8	4498.9	4512.40
00:18:27		4498.2	4511.75
00:18:18		4497.4	4510.99
00:18:09		4496.6	4510.20
00:18:00	117.8	4495.8	4509.39
00:17:51		4495.1	4508.60

00:17:42		4494.2	4507.79
00:17:33	117.8	4493.3	4506.93
00:17:24		4492.6	4506.10
00:17:15		4491.5	4505.18
00:17:06	117.8	4490.7	4504.24
00:16:57		4489.8	4503.24
00:16:48		4488.6	4502.23
00:16:39		4487.5	4501.07
00:16:30	117.8	4486.3	4499.79
00:16:21		4485.0	4498.46
00:16:12		4483.6	4497.10
00:16:03	117.8	4482.1	4495.66
00:15:54		4480.7	4494.13
00:15:45		4479.1	4492.65
00:15:36	117.8	4477.4	4490.98
00:15:27		4475.6	4489.13
00:15:18		4473.8	4487.22
00:15:09		4471.8	4485.22
00:15:00	117.8	4469.5	4483.05
00:14:51		4467.2	4480.76
00:14:42		4464.9	4478.32
00:14:33	117.8	4462.3	4475.72
00:14:24		4459.5	4472.98
00:14:15		4456.6	4470.02
00:14:06		4453.3	4466.74
00:13:57	117.8	4449.8	4463.23
00:13:48		4446.2	4459.56
00:13:39		4442.2	4455.48
00:13:30	117.8	4438.0	4451.24
00:13:21		4433.5	4446.80
00:13:12		4428.7	4441.86
00:13:03	117.8	4423.6	4436.80
00:12:54		4418.0	4431.34
00:12:45		4412.3	4425.56
00:12:36		4406.2	4419.22
00:12:27	117.8	4399.3	4412.27
00:12:18		4391.6	4404.79
00:12:09		4383.6	4396.58
00:12:00	117.8	4374.9	4387.79
00:11:51		4365.3	4378.08
00:11:42		4355.1	4367.94
00:11:33	117.7	4344.1	4356.79
00:11:24		4332.0	4344.88
00:11:15		4319.2	4331.78
00:11:06		4304.9	4317.50
00:10:57	117.7	4289.6	4301.88
00:10:48		4273.1	4285.56
00:10:39		4255.5	4267.59
00:10:30	117.7	4235.9	4248.16
00:10:21		4215.0	4226.90
00:10:12		4192.0	4204.08
00:10:03	117.7	4167.5	4179.16
00:09:54		4140.4	4152.04
00:09:45		4111.4	4122.66
00:09:36		4079.7	4091.02
00:09:27	117.7	4046.0	4056.75
00:09:18		4008.8	4019.59
00:09:09		3969.5	3979.70
00:09:00	117.6	3926.4	3936.67
00:08:51		3880.7	3890.39
00:08:42		3831.3	3841.03
00:08:33	117.6	3779.1	3788.17
00:08:24		3722.9	3732.20
00:08:15		3663.7	3672.21
00:08:06		3600.6	3609.46
00:07:57	117.5	3535.7	3543.82
00:07:48		3466.6	3475.07
00:07:39		3395.5	3402.96
00:07:30	117.5	3319.3	3327.00
00:07:21		3242.6	3249.41
00:07:12		3161.9	3169.38
00:07:03	117.4	3078.6	3085.04
00:06:54		2990.4	2997.44
00:06:45		2904.6	2910.87



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	

	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: 26−Nov−2004 22:00

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_125LTP	FN:203	PRODUCER	26−Nov−2004 21:59
RT_BACKUP	MDT_OFA_125LTP	FN:204	PRODUCER	26−Nov−2004 21:59

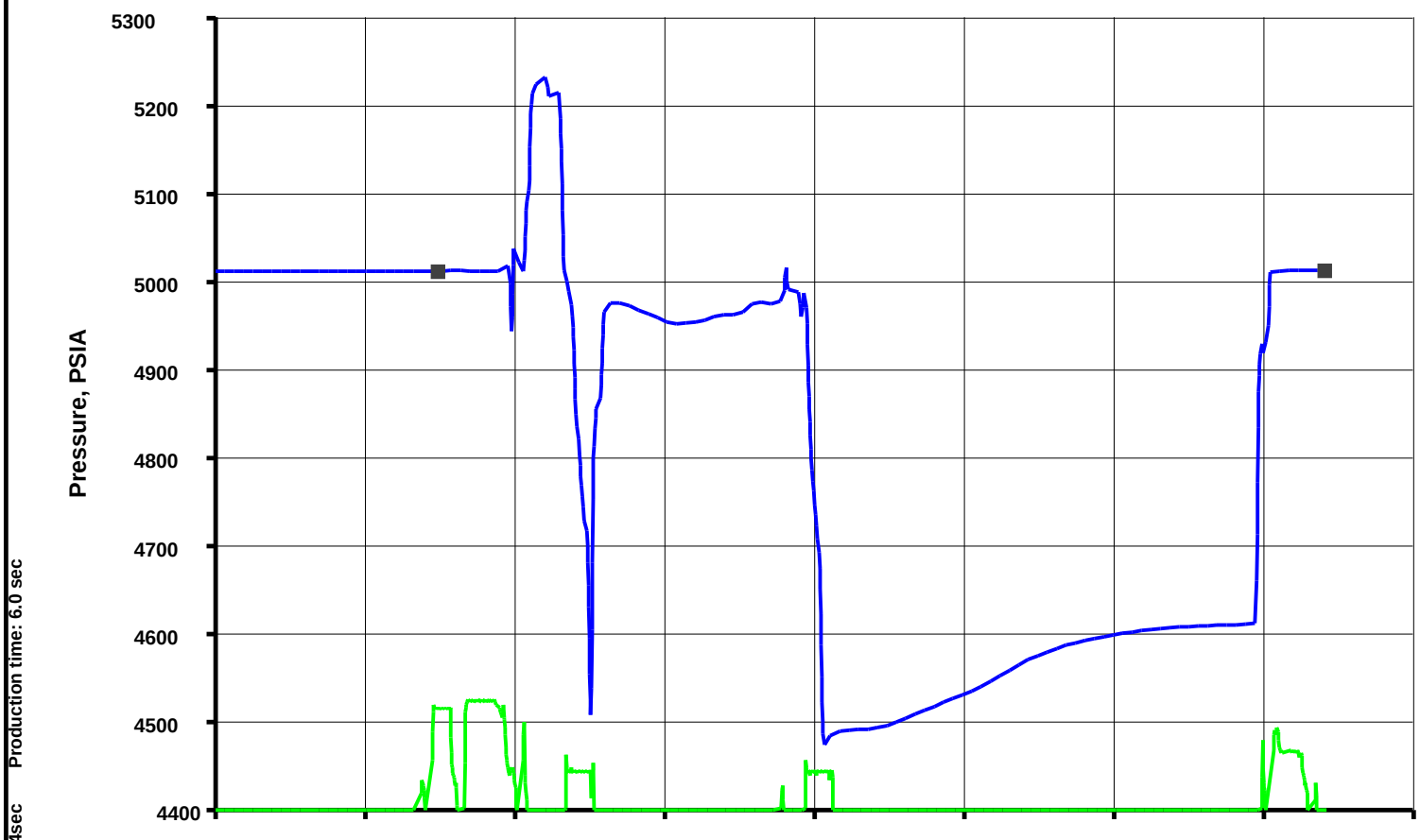
Schlumberger

Pretest @ 3142.5mMD

MAXIS Field Log

File 114 Depth, M: 3142.48 Unrecognizable − Large−Diameter probe

Mud Pressure before test, PSIA: 5011.98
Mud Pressure after test, PSIA: 5012.01



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

Output DLIS Files

DEFAULT	MDT_OFA_114LTP	FN:181	PRODUCER	26–Nov–2004 16:59	3142.5 M	1.9 M
RT_BACKUP	MDT_OFA_114LTP	FN:182	PRODUCER	26–Nov–2004 16:59	3142.5 M	1.9 M

Elapsed Time (s)	Event Summary
701.7	Retract Single Probe Module (MRPS) 1
389.7	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
229.2	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
162.0	Probe Set @ 3142.5 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 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

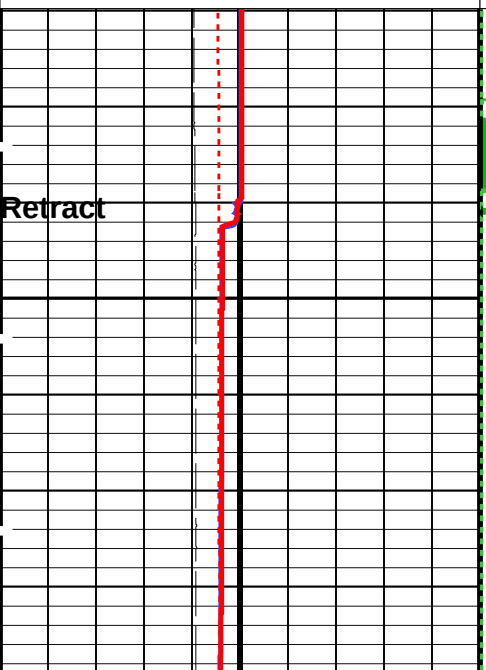
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

Elapsed Time (ETIM) (S)

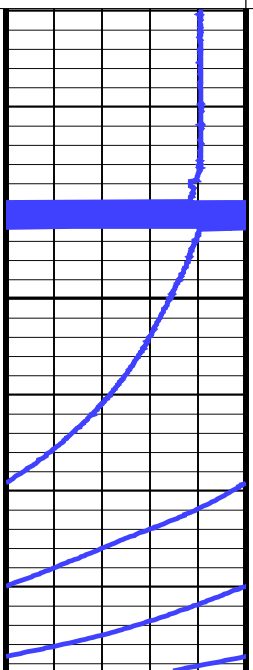
MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30

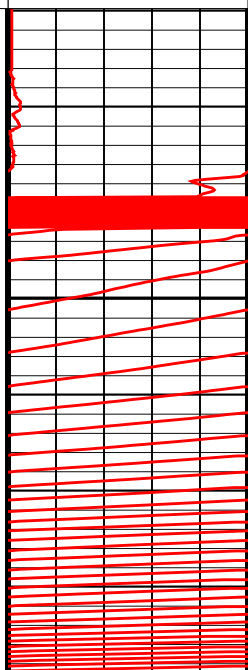
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

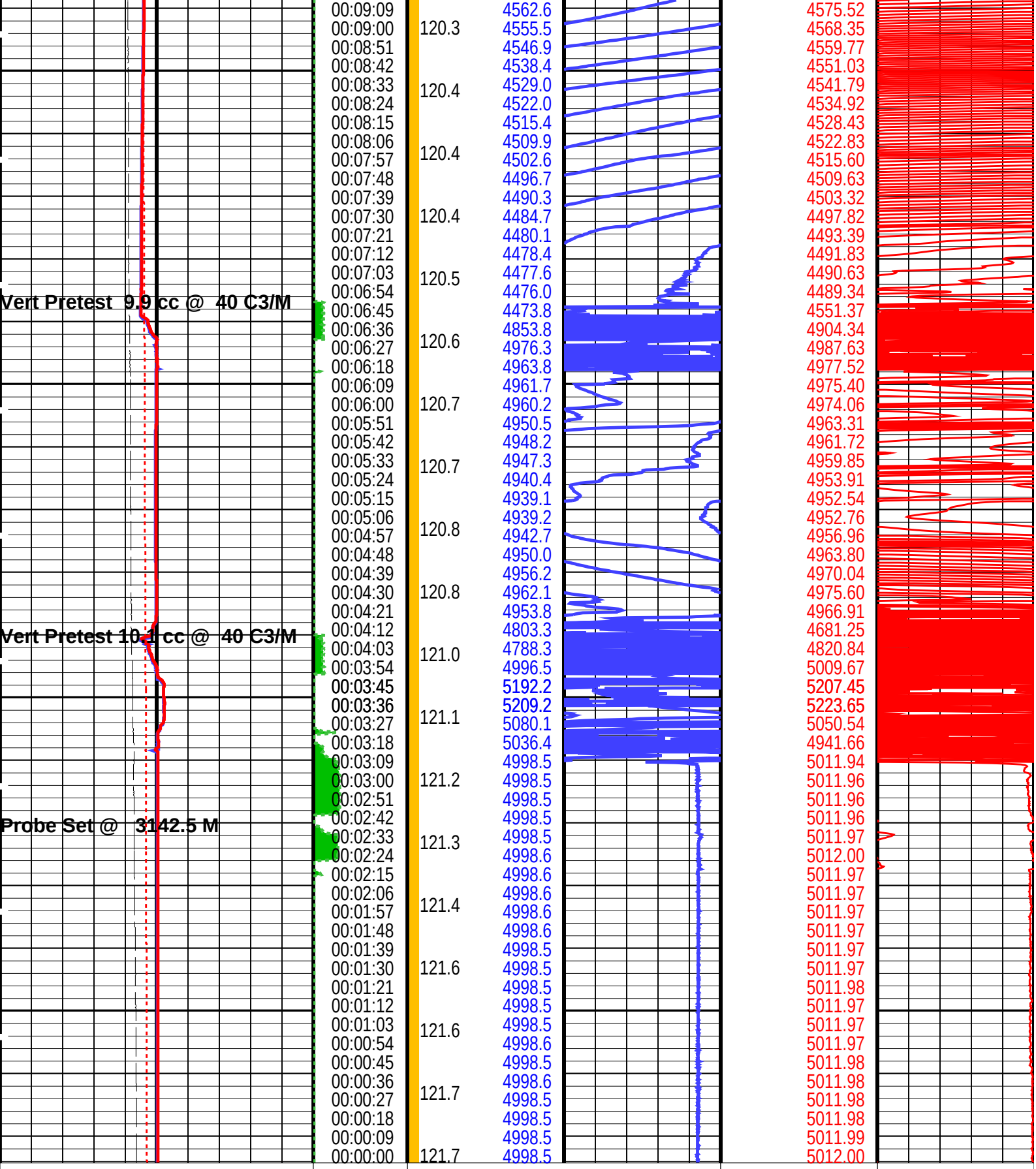
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1



Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:12:36		4998.1	5012.01
00:12:27	120.1	4998.0	5012.01
00:12:18		4998.1	5012.02
00:12:09		4998.1	5012.03
00:12:00	120.2	4998.1	5012.01
00:11:51		4997.9	5011.96
00:11:42		4933.1	4935.72
00:11:33	120.3	4598.0	4612.01
00:11:24		4597.5	4610.96
00:11:15		4596.9	4610.39
00:11:06	120.3	4596.3	4609.77
00:10:57		4595.7	4609.08
00:10:48		4594.9	4608.25
00:10:39		4593.8	4607.22
00:10:30	120.3	4592.6	4605.97
00:10:21		4591.1	4604.45
00:10:12		4589.2	4602.53
00:10:03	120.3	4586.7	4599.94
00:09:54		4583.7	4596.95
00:09:45		4580.7	4593.89
00:09:36	120.3	4577.5	4590.67
00:09:27		4573.6	4586.66
00:09:18		4567.9	4580.93







Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:09:09		4562.6	4575.52
00:09:00	120.3	4555.5	4568.35
00:08:51		4546.9	4559.77
00:08:42		4538.4	4551.03
00:08:33	120.4	4529.0	4541.79
00:08:24		4522.0	4534.92
00:08:15		4515.4	4528.43
00:08:06	120.4	4509.9	4522.83
00:07:57		4502.6	4515.60
00:07:48		4496.7	4509.63
00:07:39		4490.3	4503.32
00:07:30	120.4	4484.7	4497.82
00:07:21		4480.1	4493.39
00:07:12		4478.4	4491.83
00:07:03	120.5	4477.6	4490.63
00:06:54		4476.0	4489.34
00:06:45		4473.8	4551.37
00:06:36		4853.8	4904.34
00:06:27	120.6	4976.3	4987.63
00:06:18		4963.8	4977.52
00:06:09		4961.7	4975.40
00:06:00	120.7	4960.2	4974.06
00:05:51		4950.5	4963.31
00:05:42		4948.2	4961.72
00:05:33	120.7	4947.3	4959.85
00:05:24		4940.4	4953.91
00:05:15		4939.1	4952.54
00:05:06	120.8	4939.2	4952.76
00:04:57		4942.7	4956.96
00:04:48		4950.0	4963.80
00:04:39		4956.2	4970.04
00:04:30	120.8	4962.1	4975.60
00:04:21		4953.8	4966.91
00:04:12		4803.3	4681.25
00:04:03	121.0	4788.3	4820.84
00:03:54		4996.5	5009.67
00:03:45		5192.2	5207.45
00:03:36		5209.2	5223.65
00:03:27	121.1	5080.1	5050.54
00:03:18		5036.4	4941.66
00:03:09		4998.5	5011.94
00:03:00	121.2	4998.5	5011.96
00:02:51		4998.5	5011.96
00:02:42		4998.5	5011.96
00:02:33	121.3	4998.5	5011.97
00:02:24		4998.6	5012.00
00:02:15		4998.6	5011.97
00:02:06		4998.6	5011.97
00:01:57	121.4	4998.6	5011.97
00:01:48		4998.6	5011.97
00:01:39		4998.5	5011.97
00:01:30	121.6	4998.5	5011.97
00:01:21		4998.5	5011.98
00:01:12		4998.5	5011.97
00:01:03	121.6	4998.5	5011.97
00:00:54		4998.6	5011.97
00:00:45		4998.5	5011.98
00:00:36		4998.6	5011.98
00:00:27	121.7	4998.5	5011.98
00:00:18		4998.5	5011.98
00:00:09		4998.5	5011.99
00:00:00	121.7	4998.5	5012.00

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)		
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: 26−Nov−2004 16:59

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_114LTP	FN:181	PRODUCER	26−Nov−2004 16:59
RT_BACKUP	MDT_OFA_114LTP	FN:182	PRODUCER	26−Nov−2004 16:59

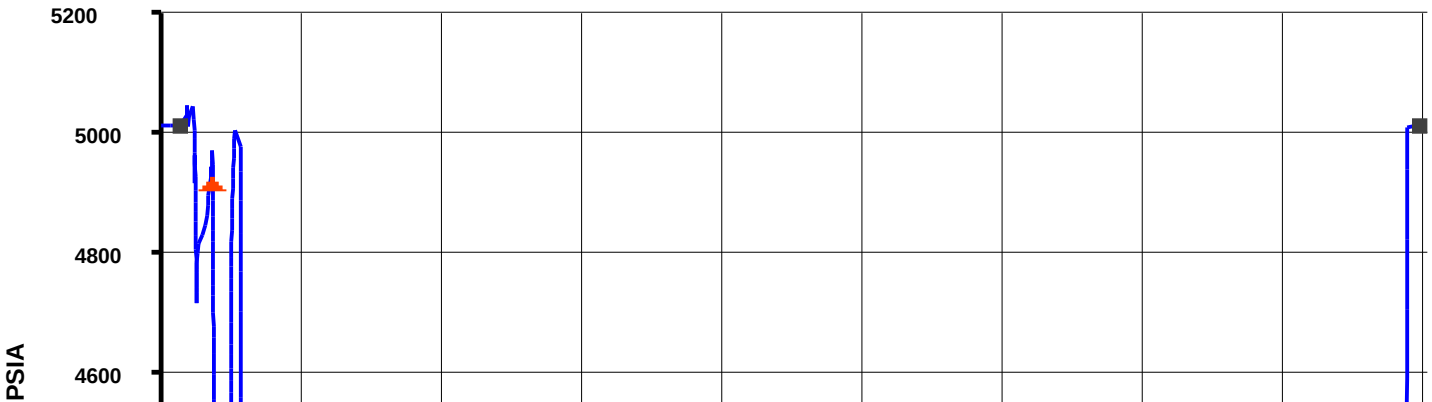
Schlumberger

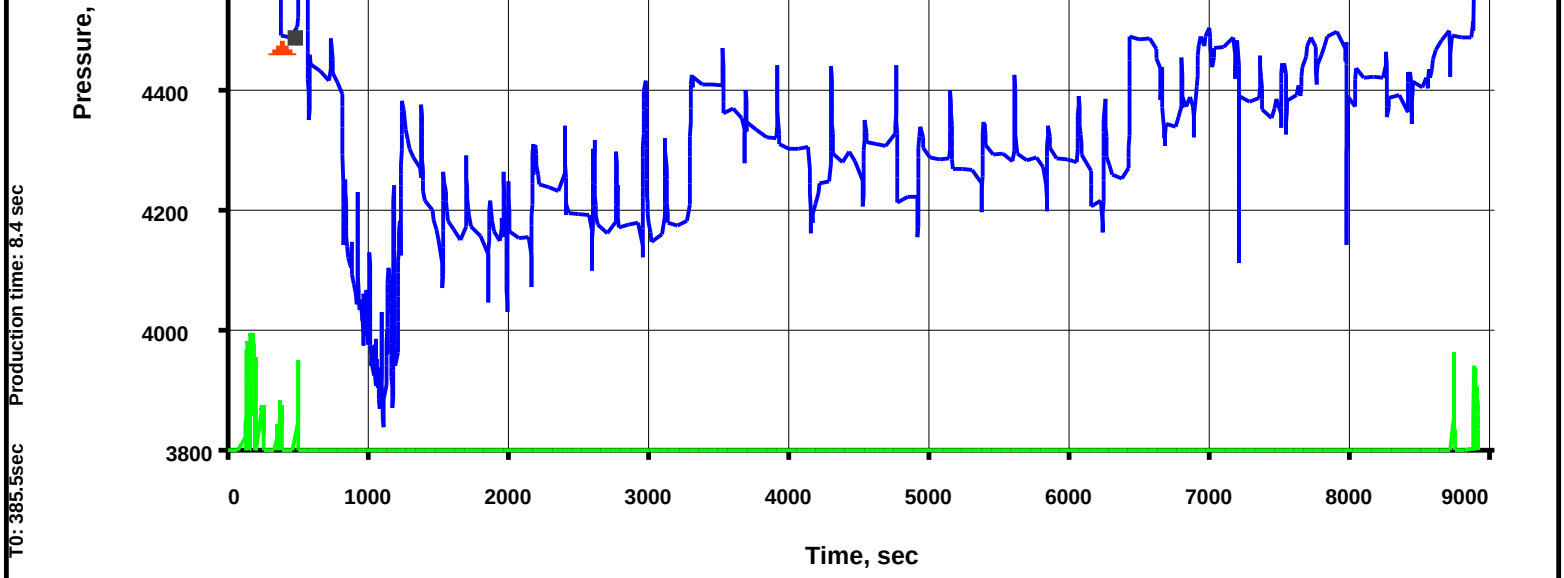
Sample @ 3142.7

MAXIS Field Log

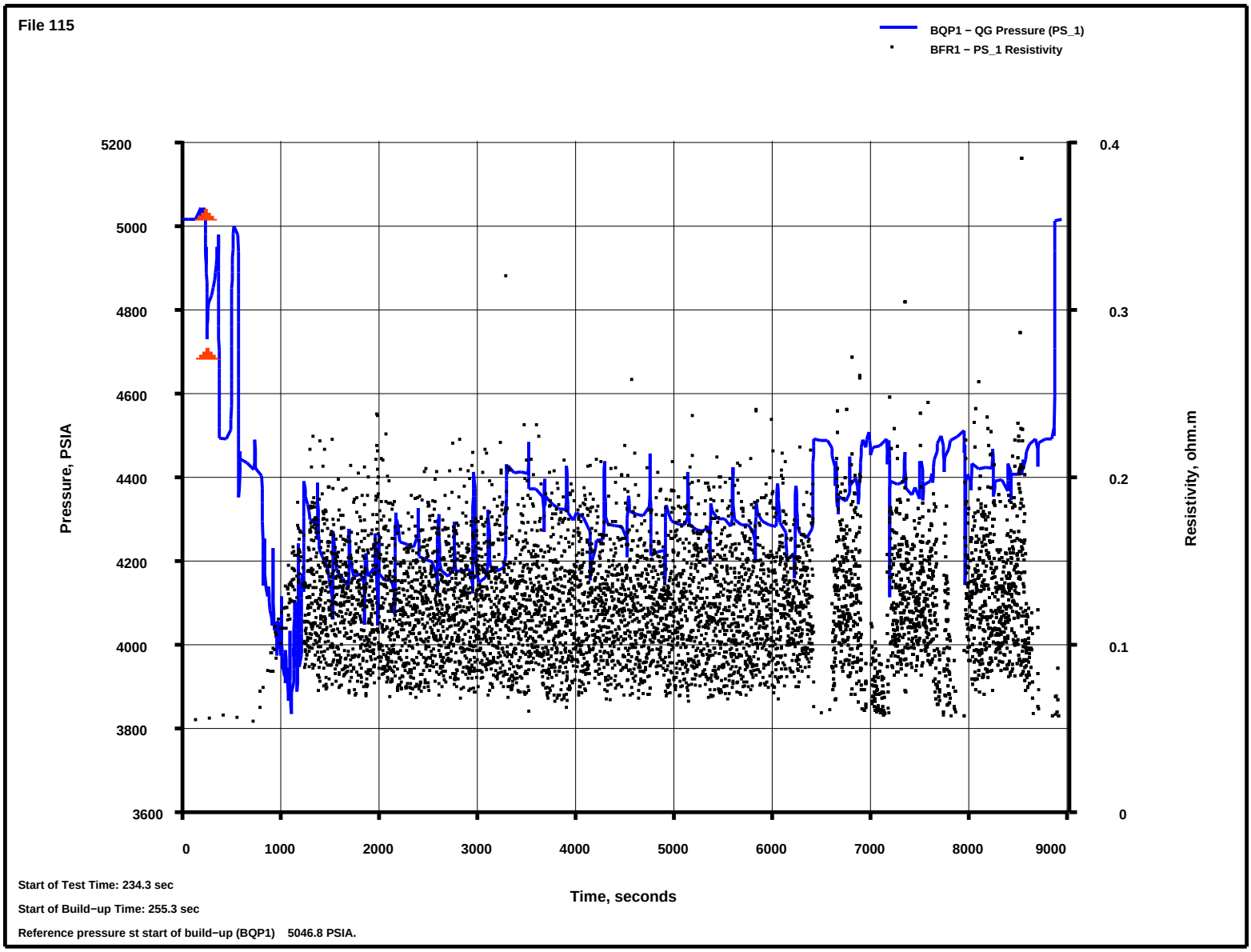
File 115 Depth, M: 3142.71 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5012.34
Mud Pressure after test, PSIA:	5011.91
Last build−up pressure, PSIA:	4489.01
Draw−down mobility, md/cp:	259.7





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



Start of Test Time: 234.3 sec

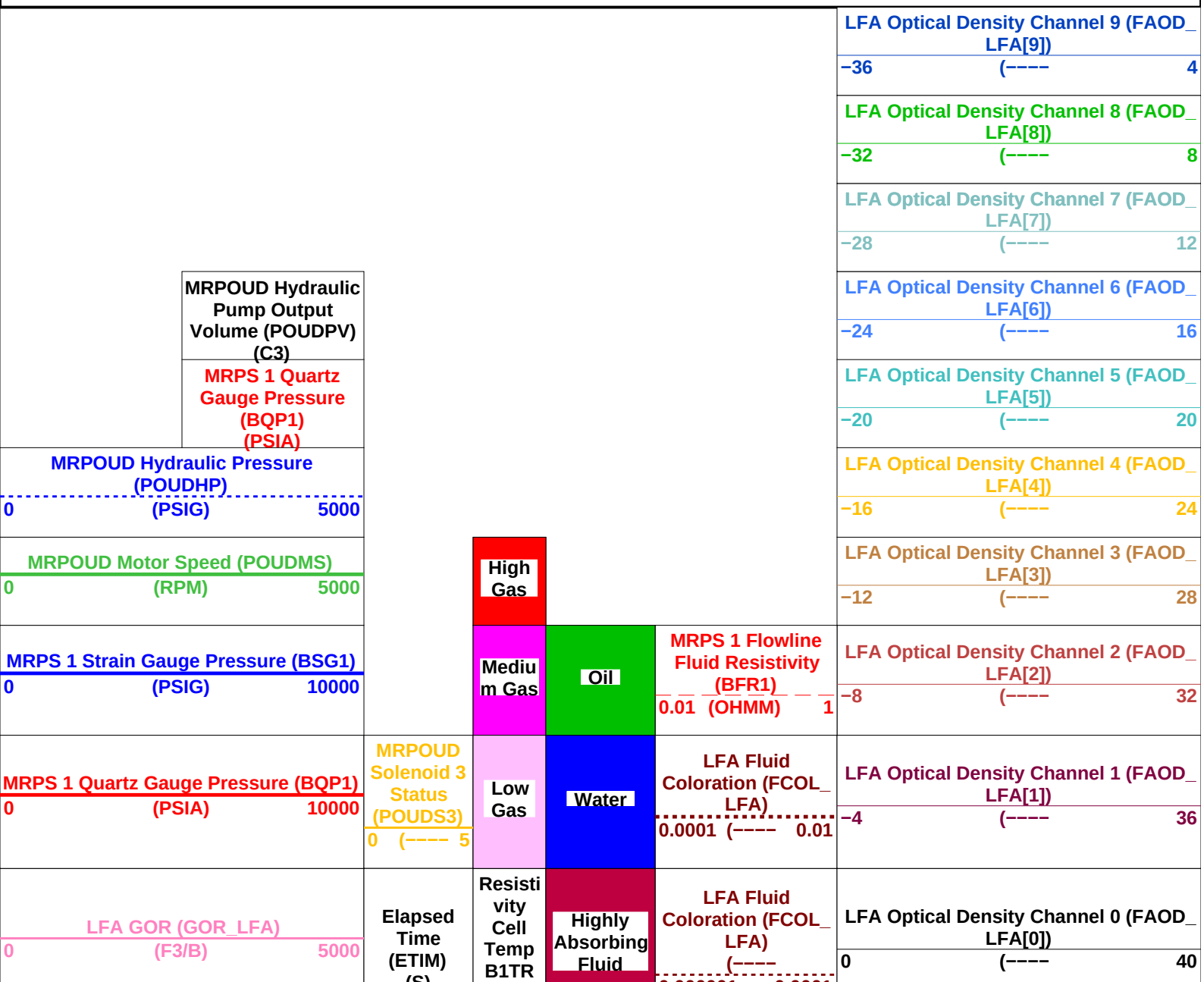
Start of Build−up Time: 255.3 sec

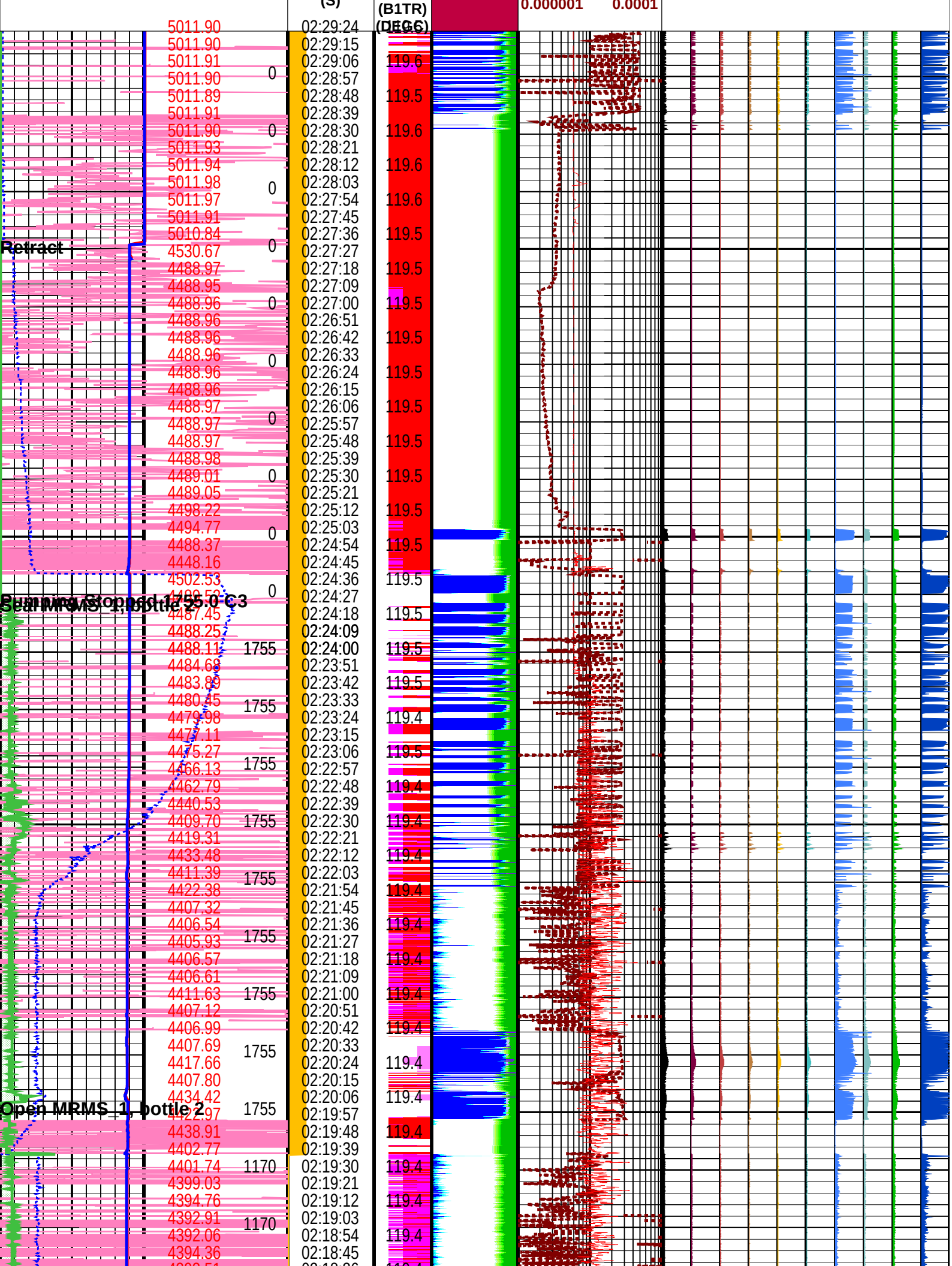
Reference pressure st start of build−up (BQP1) 5046.8 PSIA.

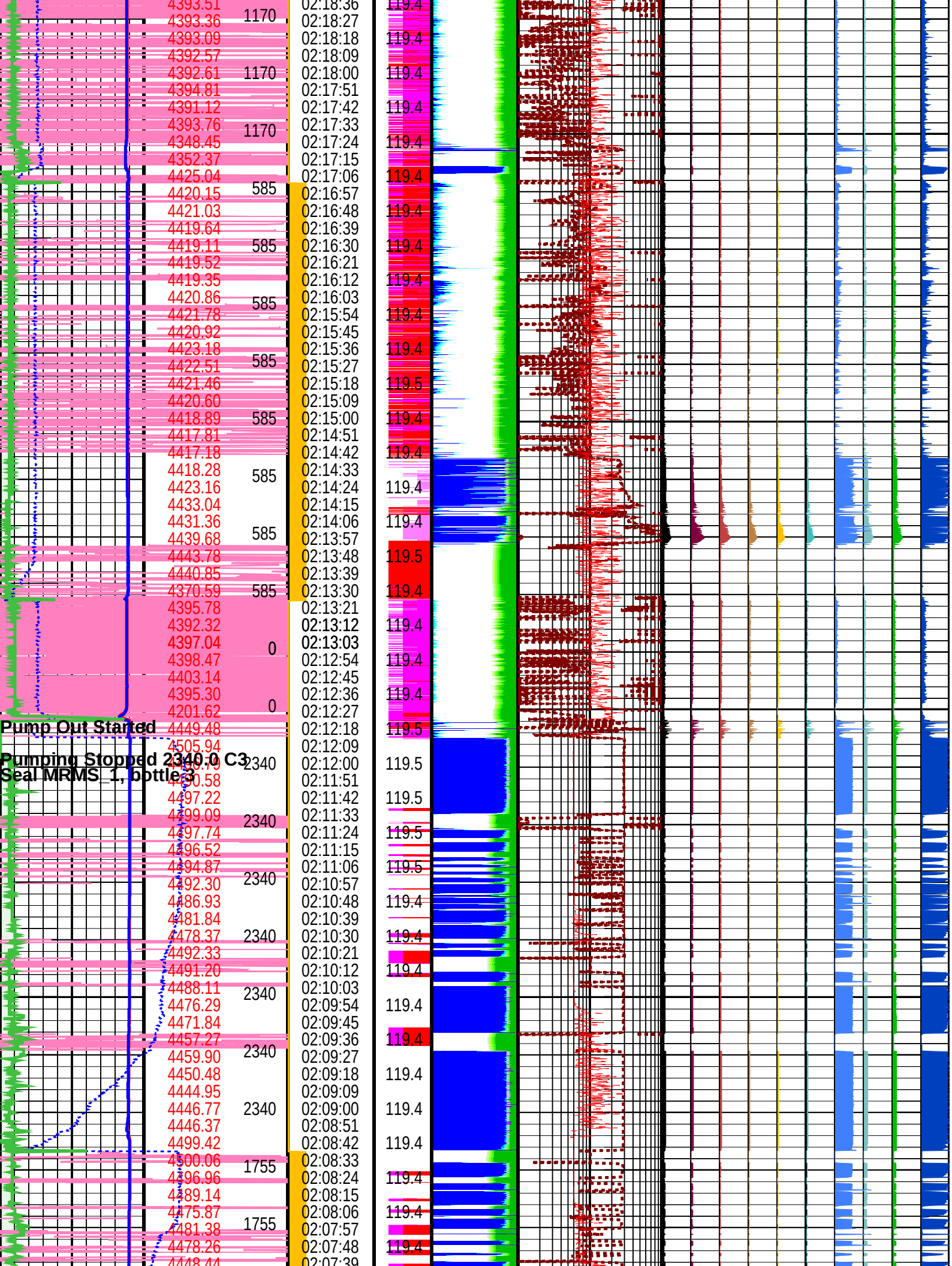
Output DLIS Files

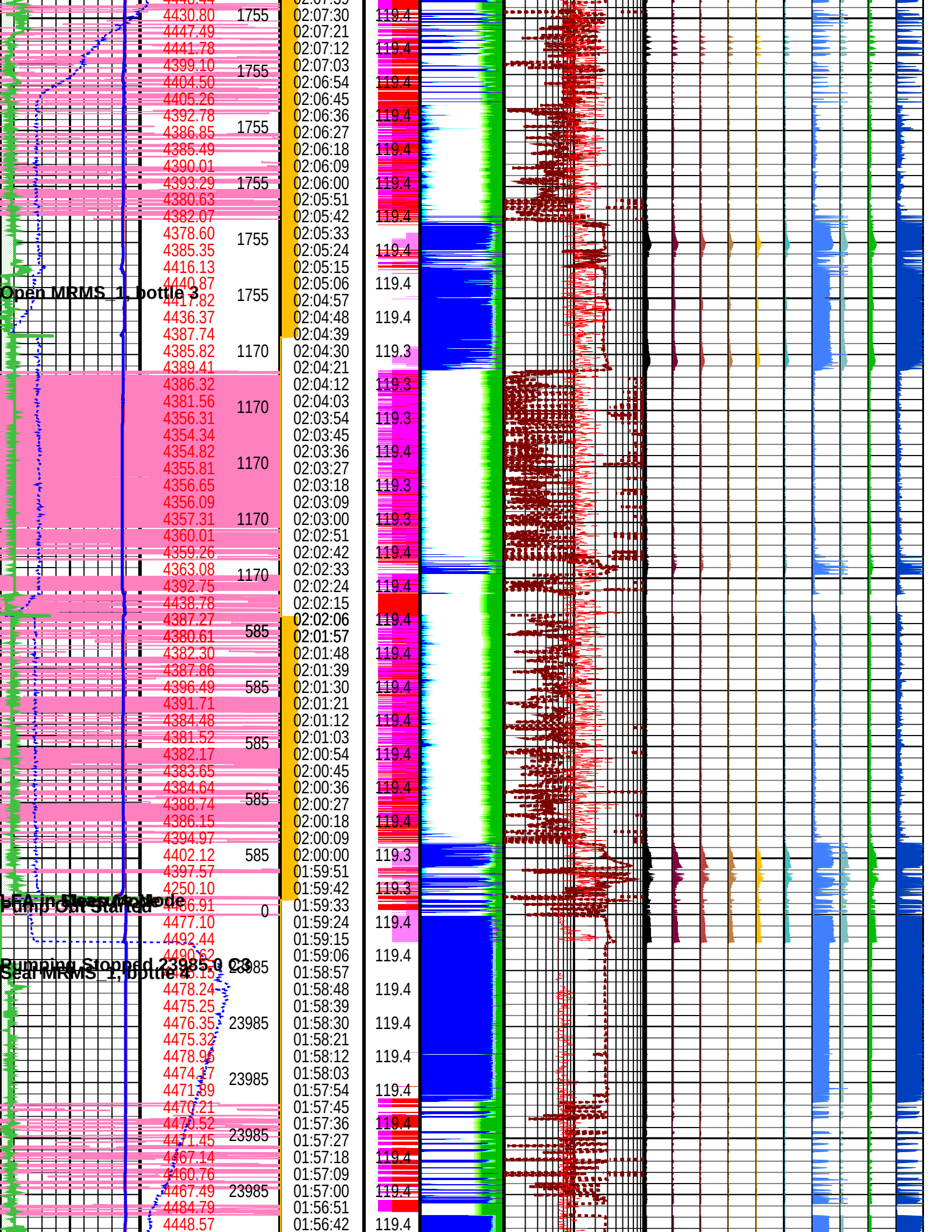
DEFAULT	MDT_OFA_115LTP	FN:183	PRODUCER	26−Nov−2004 17:16	3142.7 M	22.8 M
RT_BACKUP	MDT_OFA_115LTP	FN:184	PRODUCER	26−Nov−2004 17:15	3142.7 M	22.8 M

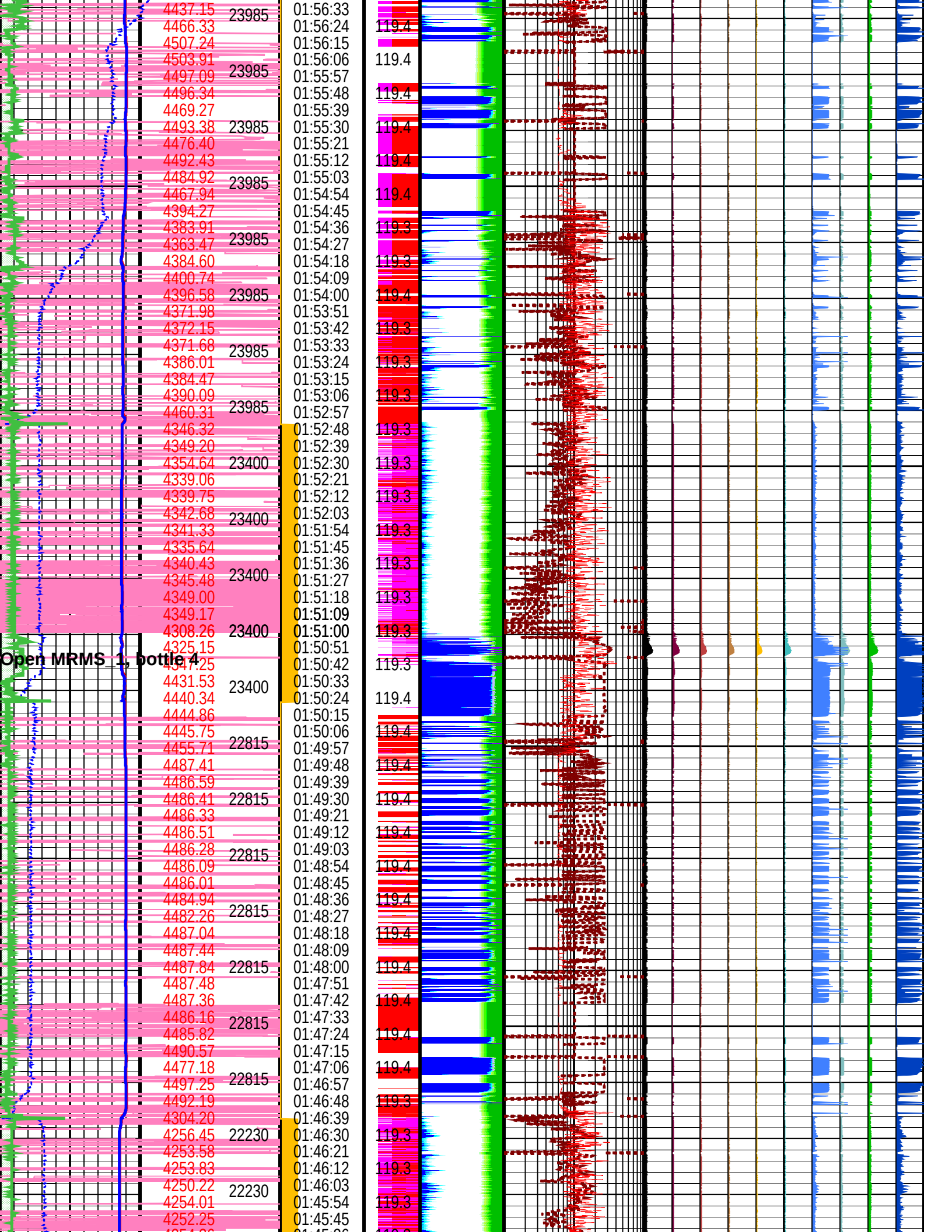
Elapsed Time (s)	Event Summary
8852.4	Retract Single Probe Module (MRPS) 1
8668.2	Pumping Stopped 1755.0 C3 Dual Up−down Pumpout Module (MRPOUD)
8665.8	Seal Multi−Sample Module (MRMS) 1, bottle 2
8403.3	Open Multi−Sample Module (MRMS) 1, bottle 2, sample number = 5
7942.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
7925.7	Pumping Stopped 2340.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7917.6	Seal Multi−Sample Module (MRMS) 1, bottle 3
7504.8	Open Multi−Sample Module (MRMS) 1, bottle 3, sample number = 4
7176.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
7144.8	Pumping Stopped 23985.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7140.3	Seal Multi−Sample Module (MRMS) 1, bottle 4
6648.6	Open Multi−Sample Module (MRMS) 1, bottle 4, sample number = 3
564.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
364.8	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
234.3	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
153.9	Probe Set @ 3142.7 M Single Probe Module (MRPS) 1

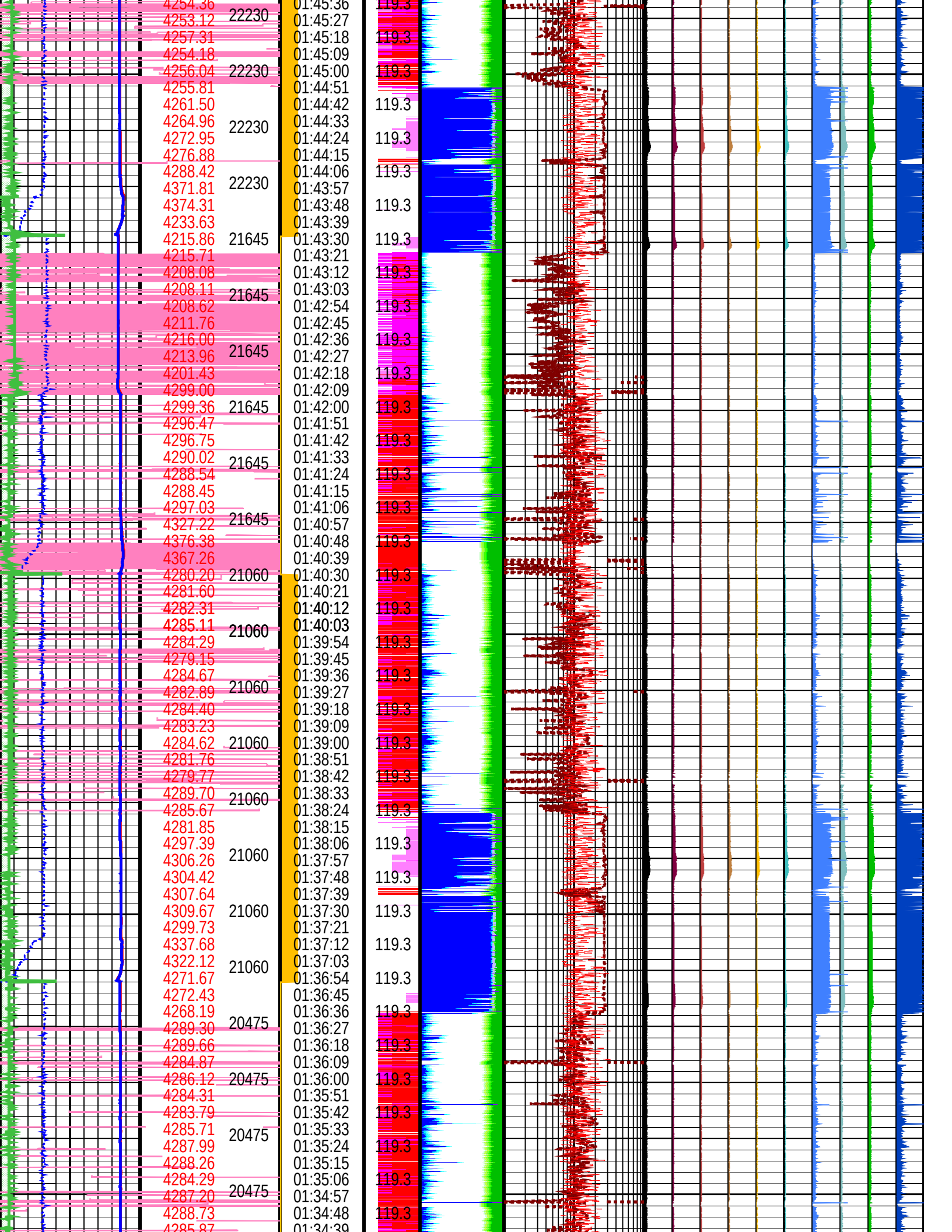



(S)
(B1TR)
(DEG6)
0.000001
0.0001
Retract
Pumping Stopped 1755.0 C3
Seal MRMS_1, bottle 2
Open MRMS_1, bottle 2


Pump Out Started
Pumping Stopped 2340.0 C3
Seal MRMS_1, bottle 3


Open MRMS_1, bottle 3
Pump Off Started
Pumping Stopped 23985.0 C3
Seal MRMS_1, bottle 4


Open MRMS_1, bottle 4
4437.15 23985 01:56:33
4466.33 01:56:24 119.4
4507.24 01:56:15
4503.91 01:56:06 119.4
4497.09 23985 01:55:57
4496.34 01:55:48 119.4
4469.27 01:55:39
4493.38 23985 01:55:30 119.4
4476.40 01:55:21
4492.43 01:55:12 119.4
4484.92 23985 01:55:03
4467.94 01:54:54 119.4
4394.27 01:54:45
4383.91 01:54:36 119.3
4363.47 23985 01:54:27
4384.60 01:54:18 119.3
4400.74 01:54:09
4396.58 23985 01:54:00 119.4
4371.98 01:53:51
4372.15 01:53:42 119.3
4371.68 23985 01:53:33
4386.01 01:53:24 119.3
4384.47 01:53:15
4390.09 01:53:06 119.3
4460.31 23985 01:52:57
4346.32 01:52:48 119.3
4349.20 01:52:39
4354.64 23400 01:52:30 119.3
4339.06 01:52:21
4339.75 01:52:12 119.3
4342.68 23400 01:52:03
4341.33 01:51:54 119.3
4335.64 01:51:45
4340.43 01:51:36 119.3
4345.48 23400 01:51:27
4349.00 01:51:18 119.3
4349.17 01:51:09
4308.26 23400 01:51:00 119.3
4325.15 01:50:51
4431.25 01:50:42 119.3
4431.53 23400 01:50:33
4440.34 01:50:24 119.4
4444.86 01:50:15
4445.75 01:50:06 119.4
4455.71 22815 01:49:57
4487.41 01:49:48 119.4
4486.59 01:49:39
4486.41 22815 01:49:30 119.4
4486.33 01:49:21
4486.51 01:49:12 119.4
4486.28 22815 01:49:03
4486.09 01:48:54 119.4
4486.01 01:48:45
4484.94 01:48:36 119.4
4482.26 22815 01:48:27
4487.04 01:48:18 119.4
4487.44 01:48:09
4487.84 22815 01:48:00 119.4
4487.48 01:47:51
4487.36 01:47:42 119.4
4486.16 22815 01:47:33
4485.82 01:47:24 119.4
4490.57 01:47:15
4477.18 01:47:06 119.4
4497.25 22815 01:46:57
4492.19 01:46:48 119.3
4304.20 01:46:39
4256.45 22230 01:46:30 119.3
4253.58 01:46:21
4253.83 01:46:12 119.3
4250.22 22230 01:46:03
4254.01 01:45:54 119.3
4252.25 01:45:45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4256.04 22230 01:45:00 119.3
4255.81 01:44:51
4261.50 01:44:42 119.3
4264.96 22230 01:44:33
4272.95 01:44:24 119.3
4276.88 01:44:15
4288.42 22230 01:44:06 119.3
4371.81 01:43:57
4374.31 01:43:48 119.3
4233.63 01:43:39
4215.86 21645 01:43:30 119.3
4215.71 01:43:21
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4208.11 21645 01:43:03
4208.62 01:42:54 119.3
4211.76 01:42:45
4216.00 01:42:36 119.3
4213.96 21645 01:42:27
4201.43 01:42:18 119.3
4299.00 01:42:09
4299.36 21645 01:42:00 119.3
4296.47 01:41:51
4296.75 01:41:42 119.3
4290.02 21645 01:41:33
4288.54 01:41:24 119.3
4288.45 01:41:15
4297.03 01:41:06 119.3
4327.22 21645 01:40:57
4376.38 01:40:48 119.3
4367.26 01:40:39
4280.20 21060 01:40:30 119.3
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4285.11 21060 01:40:03
4284.29 01:39:54 119.3
4279.15 01:39:45
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4282.89 21060 01:39:27
4284.40 01:39:18 119.3
4283.23 01:39:09
4284.62 21060 01:39:00 119.3
4281.76 01:38:51
4279.77 01:38:42 119.3
4289.70 21060 01:38:33
4285.67 01:38:24 119.3
4281.85 01:38:15
4297.39 01:38:06 119.3
4306.26 21060 01:37:57
4304.42 01:37:48 119.3
4307.64 01:37:39
4309.67 21060 01:37:30 119.3
4299.73 01:37:21
4337.68 01:37:12 119.3
4322.12 21060 01:37:03
4271.67 01:36:54 119.3
4272.43 01:36:45
4268.19 01:36:36 119.3
4289.30 20475 01:36:27
4289.66 01:36:18 119.3
4284.87 01:36:09
4286.12 20475 01:36:00 119.3
4284.31 01:35:51
4283.79 01:35:42 119.3
4285.71 20475 01:35:33
4287.99 01:35:24 119.3
4288.26 01:35:15
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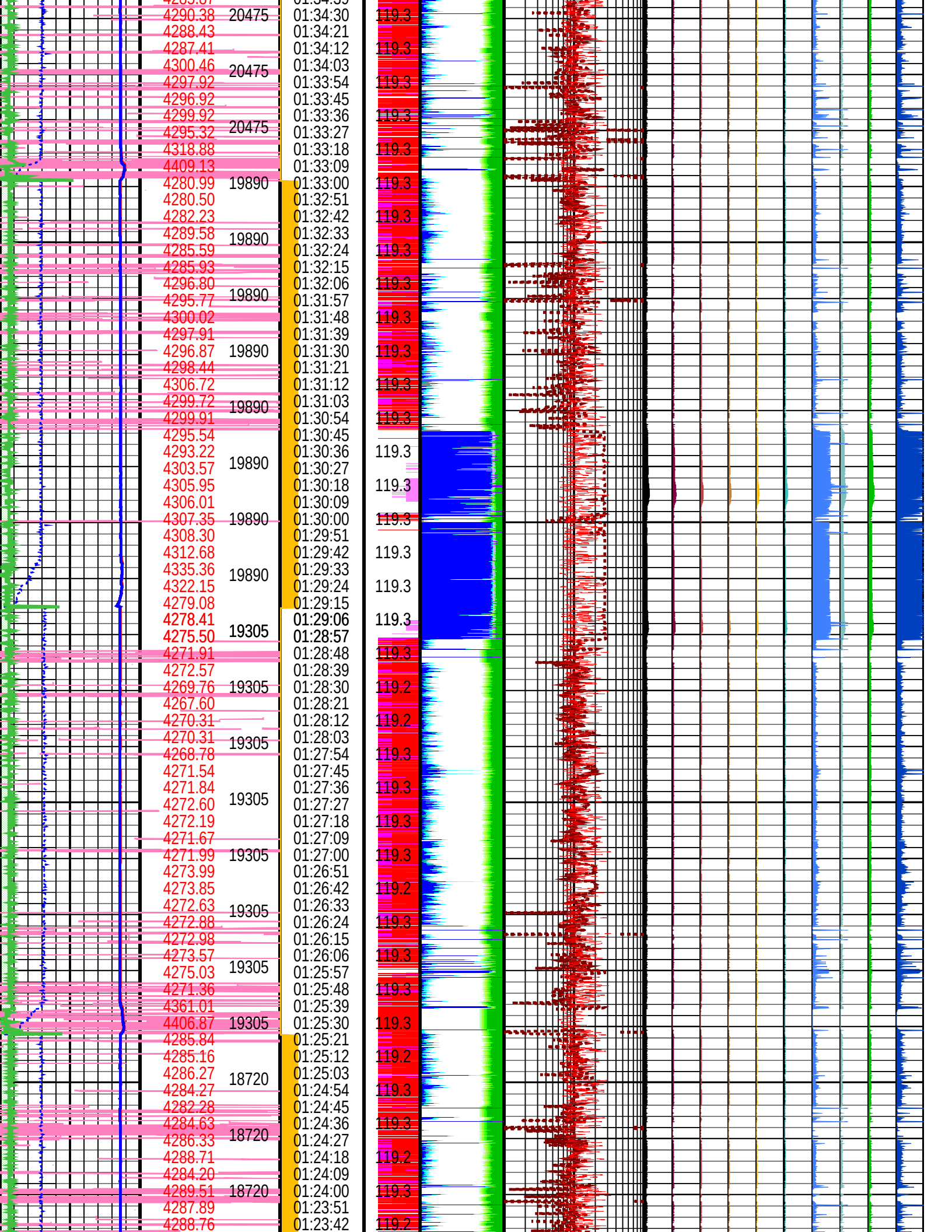
4287.20 20475 01:34:57
4288.73 01:34:48 119.3
4285.87 01:34:39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4298.44 01:31:21
4306.72 01:31:12 119.3
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4299.91 01:30:54 119.3
4295.54 01:30:45
4293.22 19890 01:30:36 119.3
4303.57 01:30:27
4305.95 01:30:18 119.3
4306.01 01:30:09
4307.35 19890 01:30:00 119.3
4308.30 01:29:51
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4335.36 19890 01:29:33
4322.15 01:29:24 119.3
4279.08 01:29:15
4278.41 01:29:06 119.3
4275.50 19305 01:28:57
4271.91 01:28:48 119.3
4272.57 01:28:39
4269.76 19305 01:28:30 119.2
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4270.31 01:28:12 119.2
4270.31 19305 01:28:03
4268.78 01:27:54 119.3
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4271.84 19305 01:27:36 119.3
4272.60 01:27:27
4272.19 01:27:18 119.3
4271.67 01:27:09
4271.99 19305 01:27:00 119.3
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4273.85 01:26:42 119.2
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4406.87 19305 01:25:30 119.3
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4285.16 01:25:12 119.2
4286.27 18720 01:25:03
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4286.33 18720 01:24:27
4288.71 01:24:18 119.2
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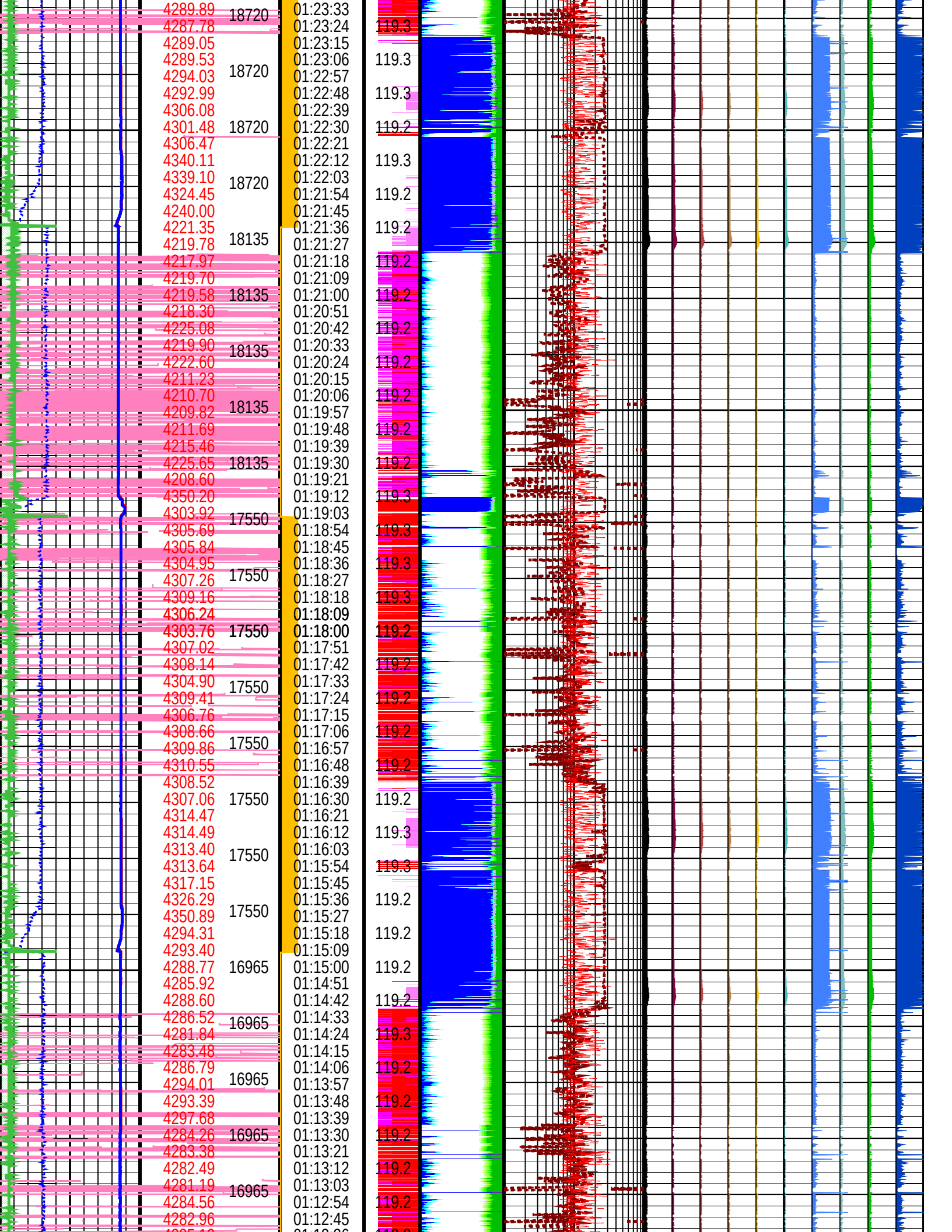
4287.89 01:23:51
4288.76 01:23:42 119.2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4287.78 01:23:24 119.3
4289.05 01:23:15
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4294.03 18720 01:22:57
4292.99 01:22:48 119.3
4306.08 01:22:39
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4339.10 18720 01:22:03
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4219.58 18135 01:21:00 119.2
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4225.08 01:20:42 119.2
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4211.69 01:19:48 119.2
4215.46 01:19:39
4225.65 18135 01:19:30 119.2
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4303.92 17550 01:19:03
4305.69 01:18:54 119.3
4305.84 01:18:45
4304.95 01:18:36 119.3
4307.26 17550 01:18:27
4309.16 01:18:18 119.3
4306.24 01:18:09
4303.76 17550 01:18:00 119.2
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4309.86 17550 01:16:57
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4307.06 17550 01:16:30 119.2
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4282.22	16965	01:12:27	
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4348.14	16965	01:11:33	
4358.43		01:11:24	119.2
4248.59		01:11:15	
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4253.06	16380	01:10:30	119.2
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4302.48		01:06:36	119.2
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4303.73	15795	01:05:33	
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4383.00		01:05:06	119.2
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4323.33	15210	01:04:30	119.2
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4323.88	15210	01:04:03	
4319.79		01:03:54	119.2
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4325.02		01:03:36	119.2
4325.39	15210	01:03:27	
4331.49		01:03:18	119.2
4332.20		01:03:09	
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4335.16		01:02:42	119.2
4334.46	15210	01:02:33	
4342.00		01:02:24	119.2
4347.94		01:02:15	
4347.98		01:02:06	119.2
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4348.02		01:01:48	119.2
4349.22		01:01:39	

4349.22		01:01:39	
4339.80	15210	01:01:30	119.2
4403.48		01:01:21	
4295.01		01:01:12	119.2
4348.48	14625	01:01:03	
4355.68		01:00:54	119.2
4357.53		01:00:45	
4370.95		01:00:36	119.2
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4371.55		01:00:18	119.2
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4370.22		00:59:51	
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4369.73		00:58:48	119.2
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4411.56		00:57:54	119.2
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4410.61		00:57:09	
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4411.89		00:56:51	
4410.75		00:56:42	119.2
4412.28	14040	00:56:33	
4409.75		00:56:24	119.2
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4414.52	14040	00:55:57	
4415.20		00:55:48	119.2
4416.08		00:55:39	
4416.10	14040	00:55:30	119.2
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4306.97		00:54:45	
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4184.65	13455	00:54:27	
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4178.30		00:54:09	
4181.14	13455	00:54:00	119.2
4180.80		00:53:51	
4179.83		00:53:42	119.2
4177.37	13455	00:53:33	
4176.96		00:53:24	119.2
4174.97		00:53:15	
4178.22		00:53:06	119.2
4177.81	13455	00:52:57	
4178.56		00:52:48	119.2
4179.78		00:52:39	
4180.44	13455	00:52:30	119.2
4182.68		00:52:21	
4179.13		00:52:12	119.2
4204.42	13455	00:52:03	
4293.00		00:51:54	119.2
4320.59		00:51:45	
4156.15		00:51:36	119.2
4158.61	12870	00:51:27	
4157.48		00:51:18	119.2
4159.71		00:51:09	
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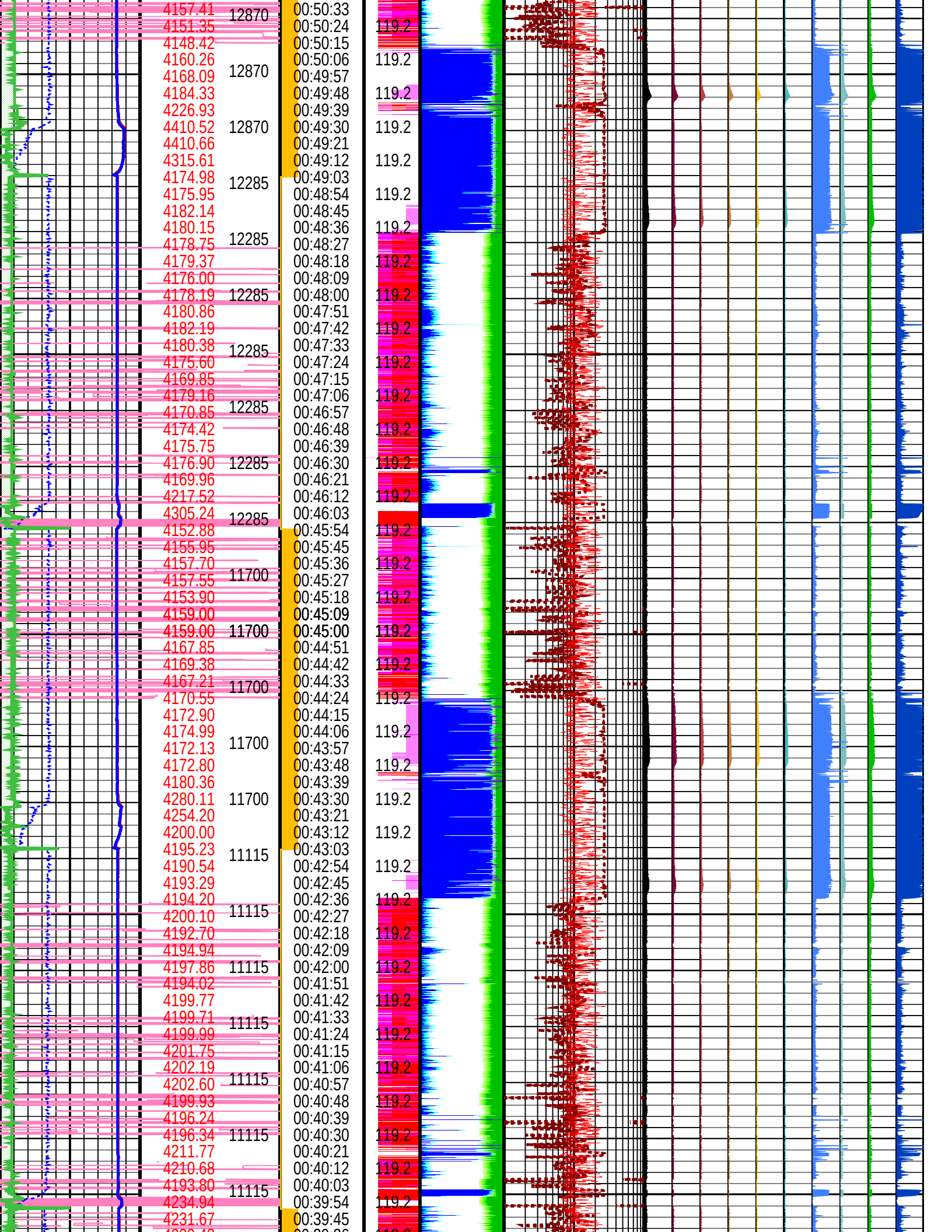
4155.35		00:50:51	
4159.34		00:50:42	119.2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4184.33 00:49:48 119.2
4226.93 00:49:39
4410.52 12870 00:49:30 119.2
4410.66 00:49:21
4315.61 00:49:12 119.2
4174.98 12285 00:49:03
4175.95 00:48:54 119.2
4182.14 00:48:45
4180.15 00:48:36 119.2
4178.75 12285 00:48:27
4179.37 00:48:18 119.2
4176.00 00:48:09
4178.19 12285 00:48:00 119.2
4180.86 00:47:51
4182.19 00:47:42 119.2
4180.38 12285 00:47:33
4175.60 00:47:24 119.2
4169.85 00:47:15
4179.16 00:47:06 119.2
4170.85 12285 00:46:57
4174.42 00:46:48 119.2
4175.75 00:46:39
4176.90 12285 00:46:30 119.2
4169.96 00:46:21
4217.52 00:46:12 119.2
4305.24 12285 00:46:03
4152.88 00:45:54 119.2
4155.95 00:45:45
4157.70 00:45:36 119.2
4157.55 11700 00:45:27
4153.90 00:45:18 119.2
4159.00 00:45:09
4159.00 11700 00:45:00 119.2
4167.85 00:44:51
4169.38 00:44:42 119.2
4167.21 11700 00:44:33
4170.55 00:44:24 119.2
4172.90 00:44:15
4174.99 00:44:06 119.2
4172.13 11700 00:43:57
4172.80 00:43:48 119.2
4180.36 00:43:39
4280.11 11700 00:43:30 119.2
4254.20 00:43:21
4200.00 00:43:12 119.2
4195.23 11115 00:43:03
4190.54 00:42:54 119.2
4193.29 00:42:45
4194.20 00:42:36 119.2
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4199.71 11115 00:41:33
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4202.19 00:41:06 119.2
4202.60 11115 00:40:57
4199.93 00:40:48 119.2
4196.24 00:40:39
4196.34 11115 00:40:30 119.2
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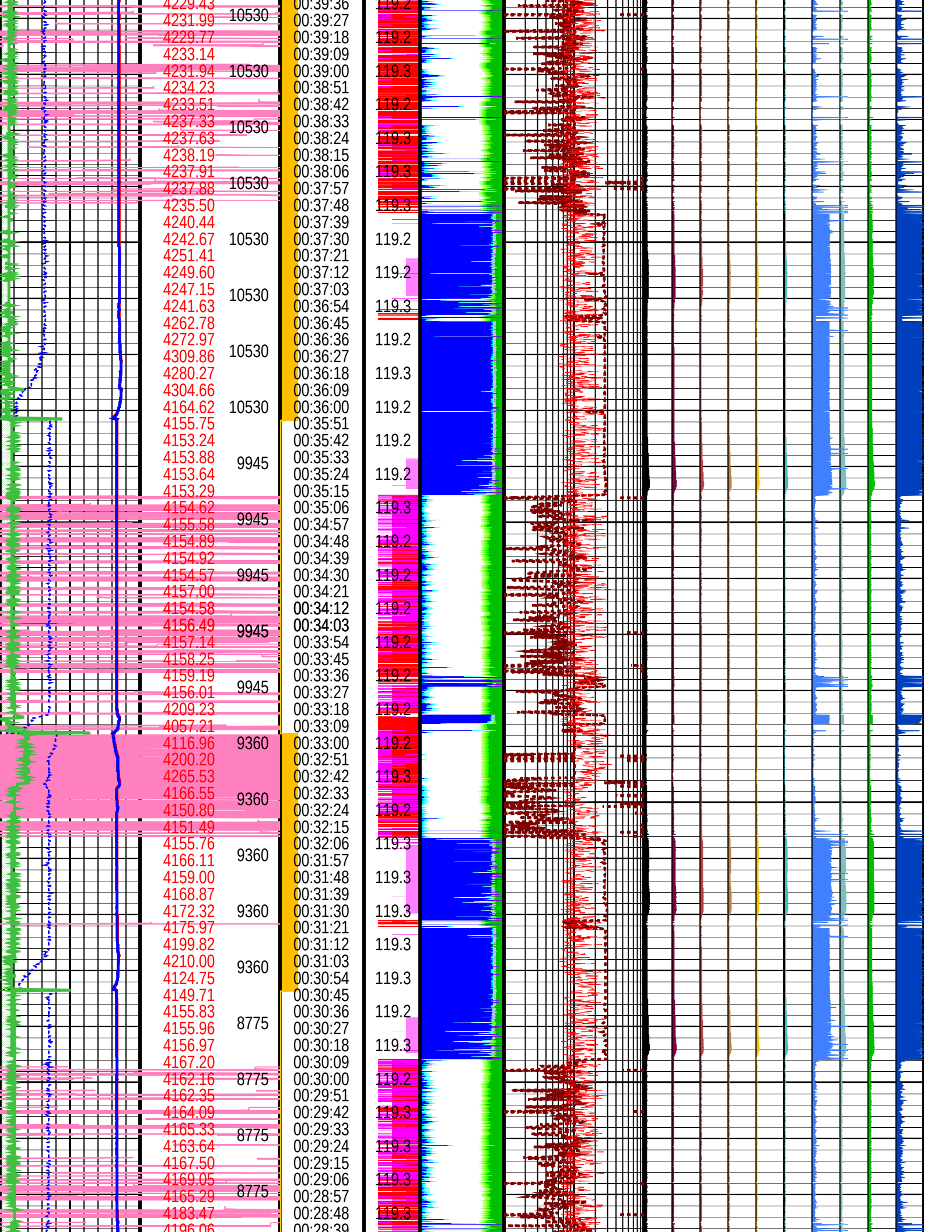
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4231.94 10530 00:39:00 119.3
4234.23 00:38:51
4233.51 00:38:42 119.2
4237.33 10530 00:38:33
4237.63 00:38:24 119.3
4238.19 00:38:15
4237.91 00:38:06 119.3
4237.88 10530 00:37:57
4235.50 00:37:48 119.3
4240.44 00:37:39
4242.67 10530 00:37:30 119.2
4251.41 00:37:21
4249.60 00:37:12 119.2
4247.15 10530 00:37:03
4241.63 00:36:54 119.3
4262.78 00:36:45
4272.97 00:36:36 119.2
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4304.66 00:36:09
4164.62 10530 00:36:00 119.2
4155.75 00:35:51
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4153.64 00:35:24 119.2
4153.29 00:35:15
4154.62 00:35:06 119.3
4155.58 9945 00:34:57
4154.89 00:34:48 119.2
4154.92 00:34:39
4154.57 9945 00:34:30 119.2
4157.00 00:34:21
4154.58 00:34:12 119.2
4156.49 9945 00:34:03
4157.14 00:33:54 119.2
4158.25 00:33:45
4159.19 00:33:36 119.2
4156.01 9945 00:33:27
4209.23 00:33:18 119.2
4057.21 00:33:09
4116.96 9360 00:33:00 119.2
4200.20 00:32:51
4265.53 00:32:42 119.3
4166.55 9360 00:32:33
4150.80 00:32:24 119.2
4151.49 00:32:15
4155.76 00:32:06 119.3
4166.11 9360 00:31:57
4159.00 00:31:48 119.3
4168.87 00:31:39
4172.32 9360 00:31:30 119.3
4175.97 00:31:21
4199.82 00:31:12 119.3
4210.00 9360 00:31:03
4124.75 00:30:54 119.3
4149.71 00:30:45
4155.83 00:30:36 119.2
4155.96 8775 00:30:27
4156.97 00:30:18 119.3
4167.20 00:30:09
4162.16 8775 00:30:00 119.2
4162.35 00:29:51
4164.09 00:29:42 119.3
4165.33 8775 00:29:33
4163.64 00:29:24 119.3
4167.50 00:29:15
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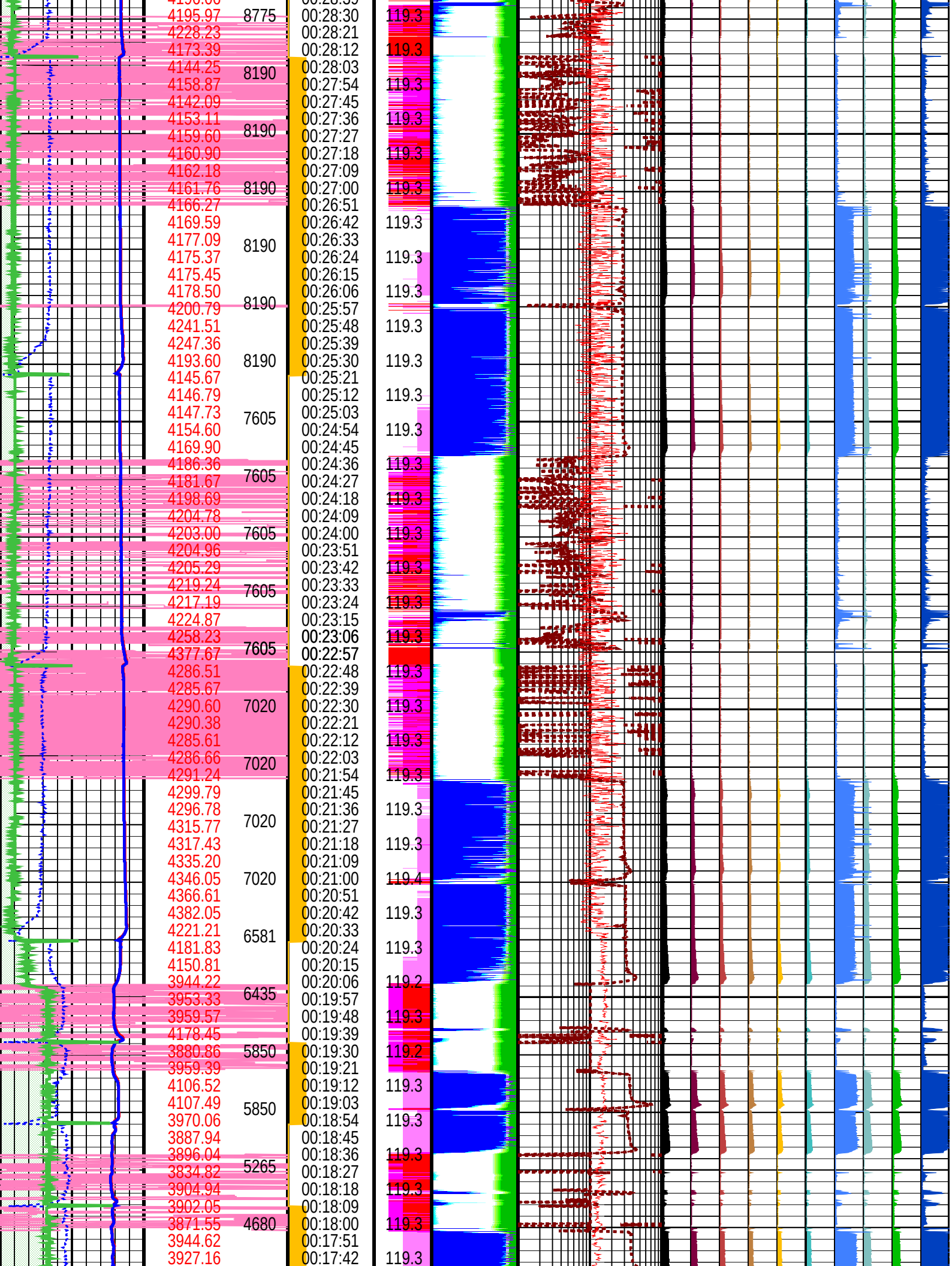
4196.06 00:28:39



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4228.23		00:28:21	
4173.39		00:28:12	119.3
4144.25	8190	00:28:03	
4158.87		00:27:54	119.3
4142.09		00:27:45	
4153.11		00:27:36	119.3
4159.60	8190	00:27:27	
4160.90		00:27:18	119.3
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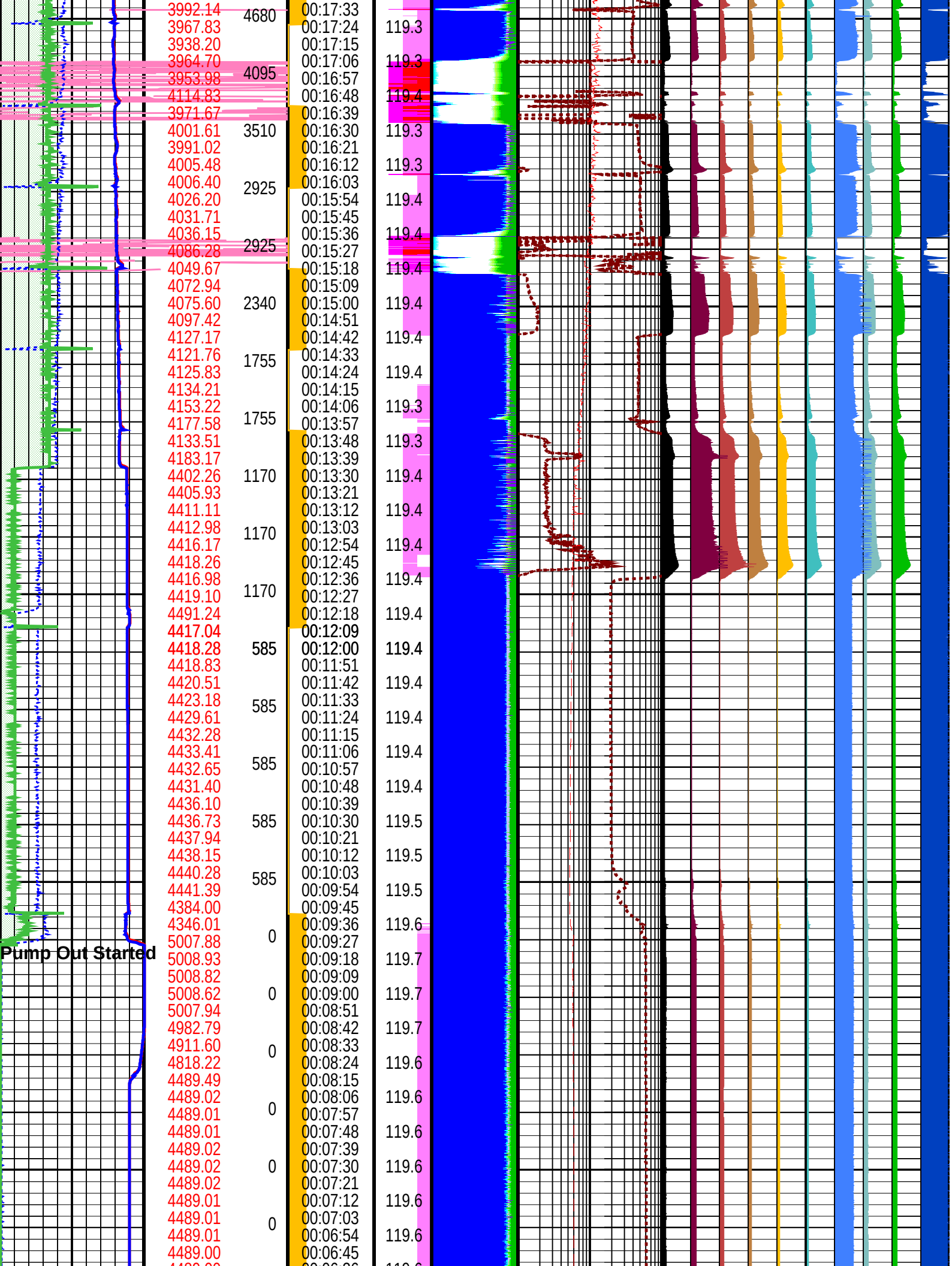
4161.76	8190	00:27:00	119.3
4166.27		00:26:51	
4169.59		00:26:42	119.3
4177.09	8190	00:26:33	
4175.37		00:26:24	119.3
4175.45		00:26:15	
4178.50		00:26:06	119.3
4200.79	8190	00:25:57	
4241.51		00:25:48	119.3
4247.36		00:25:39	
4193.60	8190	00:25:30	119.3
4145.67		00:25:21	
4146.79		00:25:12	119.3
4147.73	7605	00:25:03	
4154.60		00:24:54	119.3
4169.90		00:24:45	
4186.36		00:24:36	119.3
4181.67	7605	00:24:27	
4198.69		00:24:18	119.3
4204.78		00:24:09	
4203.00	7605	00:24:00	119.3
4204.96		00:23:51	
4205.29		00:23:42	119.3
4219.24	7605	00:23:33	
4217.19		00:23:24	119.3
4224.87		00:23:15	
4258.23		00:23:06	119.3
4377.67	7605	00:22:57	
4286.51		00:22:48	119.3
4285.67		00:22:39	
4290.60	7020	00:22:30	119.3
4290.38		00:22:21	
4285.61		00:22:12	119.3
4286.66	7020	00:22:03	
4291.24		00:21:54	119.3
4299.79		00:21:45	
4296.78		00:21:36	119.3
4315.77	7020	00:21:27	
4317.43		00:21:18	119.3
4335.20		00:21:09	
4346.05	7020	00:21:00	119.4
4366.61		00:20:51	
4382.05		00:20:42	119.3
4221.21	6581	00:20:33	
4181.83		00:20:24	119.3
4150.81		00:20:15	
3944.22		00:20:06	119.2
3953.33	6435	00:19:57	
3959.57		00:19:48	119.3
4178.45		00:19:39	
3880.86	5850	00:19:30	119.2
3959.39		00:19:21	
4106.52		00:19:12	119.3
4107.49	5850	00:19:03	
3970.06		00:18:54	119.3
3887.94		00:18:45	
3896.04		00:18:36	119.3
3834.82	5265	00:18:27	
3904.94		00:18:18	119.3
3902.05		00:18:09	
3871.55	4680	00:18:00	119.3
3944.62		00:17:51	
3927.16		00:17:42	119.3



3992.14	4680	00:17:33	
3967.83		00:17:24	119.3
3938.20		00:17:15	
3964.70		00:17:06	119.3
3953.98	4095	00:16:57	
4114.83		00:16:48	119.4
3971.67		00:16:39	
4001.61	3510	00:16:30	119.3
3991.02		00:16:21	
4005.48		00:16:12	119.3
4006.40	2925	00:16:03	
4026.20		00:15:54	119.4
4031.71		00:15:45	
4036.15		00:15:36	119.4
4086.28	2925	00:15:27	
4049.67		00:15:18	119.4
4072.94		00:15:09	
4075.60	2340	00:15:00	119.4
4097.42		00:14:51	
4127.17		00:14:42	119.4
4121.76	1755	00:14:33	
4125.83		00:14:24	119.4
4134.21		00:14:15	
4153.22		00:14:06	119.3
4177.58	1755	00:13:57	
4133.51		00:13:48	119.3
4183.17		00:13:39	
4402.26	1170	00:13:30	119.4
4405.93		00:13:21	
4411.11		00:13:12	119.4
4412.98	1170	00:13:03	
4416.17		00:12:54	119.4
4418.26		00:12:45	
4416.98		00:12:36	119.4
4419.10	1170	00:12:27	
4491.24		00:12:18	119.4
4417.04		00:12:09	
4418.28	585	00:12:00	119.4
4418.83		00:11:51	
4420.51		00:11:42	119.4
4423.18	585	00:11:33	
4429.61		00:11:24	119.4
4432.28		00:11:15	
4433.41		00:11:06	119.4
4432.65	585	00:10:57	
4431.40		00:10:48	119.4
4436.10		00:10:39	
4436.73	585	00:10:30	119.5
4437.94		00:10:21	
4438.15		00:10:12	119.5
4440.28	585	00:10:03	
4441.39		00:09:54	119.5
4384.00		00:09:45	
4346.01		00:09:36	119.6
5007.88	0	00:09:27	
5008.93		00:09:18	119.7
5008.82		00:09:09	
5008.62	0	00:09:00	119.7
5007.94		00:08:51	
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4911.60	0	00:08:33	
4818.22		00:08:24	119.6
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4489.02		00:07:39	
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4489.02		00:07:21	
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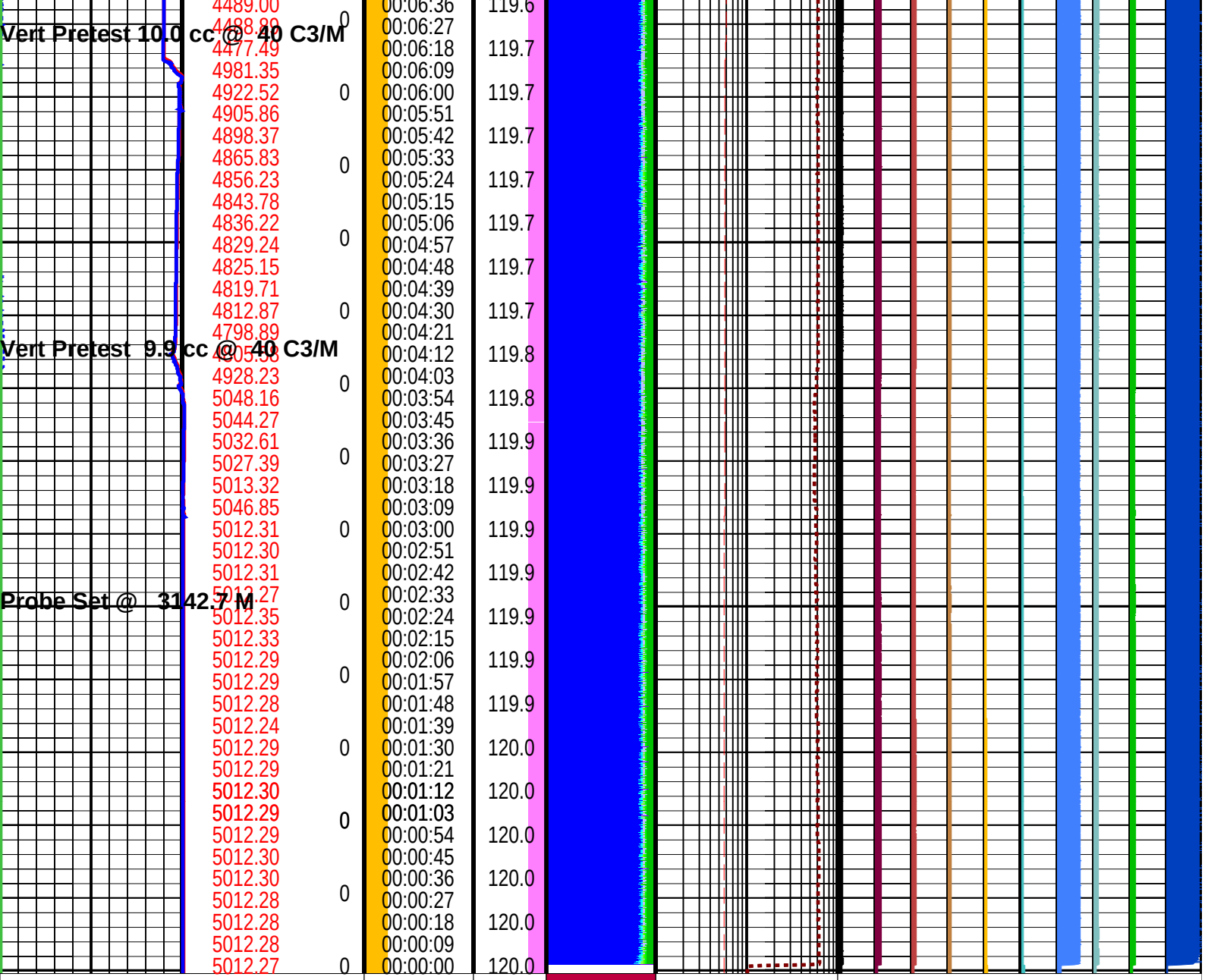


LFA GOR (GOR_LFA)
0 (F3/B) 5000

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

LFA Optical Density Channel 5 (FAOD_LFA[5])

(BQP1) (PSIA)	−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: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 26−Nov−2004 17:16

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_115LTP	FN:183	PRODUCER	26−Nov−2004 17:16
RT_BACKUP	MDT_OFA_115LTP	FN:184	PRODUCER	26−Nov−2004 17:15

Output DLIS Files

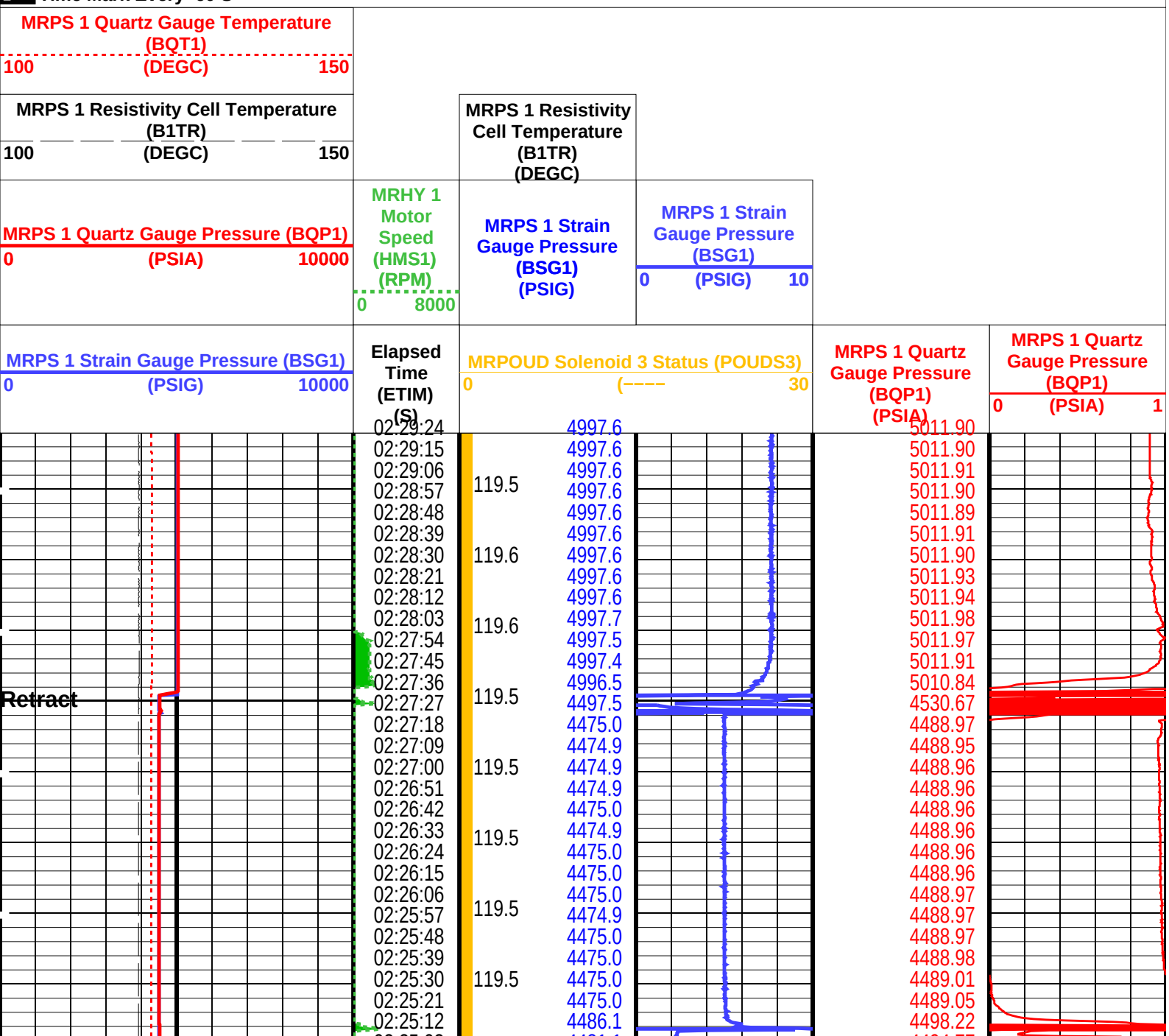
DEFAULT	MDT_OFA_115LTP	FN:183	PRODUCER	26−Nov−2004 17:16	3142.7 M	22.8 M
RT_BACKUP	MDT_OFA_115LTP	FN:184	PRODUCER	26−Nov−2004 17:15	3142.7 M	22.8 M

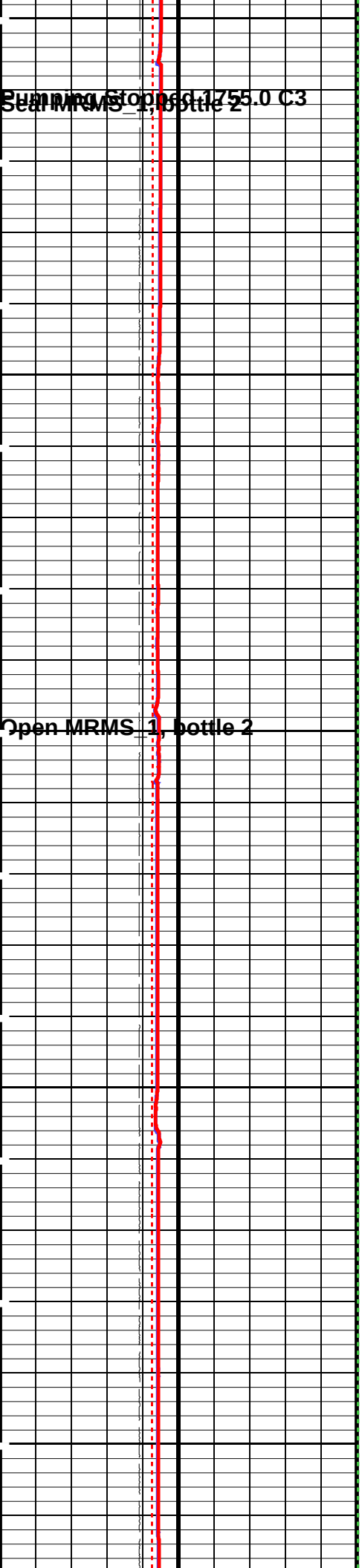
Elapsed Time (s)	Event Summary
8852.4	Retract Single Probe Module (MRPS) 1
8668.2	Pumping Stopped 1755.0 C3 Dual Up−down Pumpout Module (MRPOUD)

8665.8	Seal Multi−Sample Module (MRMS) 1, bottle 2
8403.3	Open Multi−Sample Module (MRMS) 1, bottle 2, sample number = 5
7942.5	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
7925.7	Pumping Stopped 2340.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7917.6	Seal Multi−Sample Module (MRMS) 1, bottle 3
7504.8	Open Multi−Sample Module (MRMS) 1, bottle 3, sample number = 4
7176.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
7144.8	Pumping Stopped 23985.0 C3 Dual Up−down Pumpout Module (MRPOUD)
7140.3	Seal Multi−Sample Module (MRMS) 1, bottle 4
6648.6	Open Multi−Sample Module (MRMS) 1, bottle 4, sample number = 3
564.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
364.8	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
234.3	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
153.9	Probe Set @ 3142.7 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





02:25:03	119.5	4481.1	4494.77
02:24:54		4475.6	4488.37
02:24:45		4444.4	4448.16
02:24:36		4488.7	4502.53
02:24:27	119.5	4476.0	4489.52
02:24:18		4471.8	4487.45
02:24:09		4474.3	4488.25
02:24:00	119.5	4474.4	4488.11
02:23:51		4471.2	4484.68
02:23:42		4470.3	4483.89
02:23:33	119.5	4467.1	4480.45
02:23:24		4466.1	4479.98
02:23:15		4463.4	4477.11
02:23:06		4461.6	4475.27
02:22:57	119.4	4453.2	4466.13
02:22:48		4450.3	4462.79
02:22:39		4432.5	4440.53
02:22:30	119.4	4396.1	4409.70
02:22:21		4405.8	4419.31
02:22:12		4419.6	4433.48
02:22:03	119.4	4381.9	4411.39
02:21:54		4413.1	4422.38
02:21:45		4393.3	4407.32
02:21:36		4392.6	4406.54
02:21:27	119.4	4392.2	4405.93
02:21:18		4392.7	4406.57
02:21:09		4392.0	4406.61
02:21:00	119.4	4398.3	4411.63
02:20:51		4391.7	4407.12
02:20:42		4392.9	4406.99
02:20:33	119.4	4393.8	4407.69
02:20:24		4402.7	4417.66
02:20:15		4401.1	4407.80
02:20:06		4427.2	4434.42
02:19:57	119.4	4419.6	4422.97
02:19:48		4426.3	4438.91
02:19:39		4388.2	4402.77
02:19:30	119.4	4387.8	4401.74
02:19:21		4384.2	4399.03
02:19:12		4382.3	4394.76
02:19:03	119.4	4379.0	4392.91
02:18:54		4378.5	4392.06
02:18:45		4380.2	4394.36
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02:16:21		4406.5	4419.52
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02:16:03	119.4	4407.0	4420.86
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02:15:18		4407.0	4421.46
02:15:09		4407.0	4420.60
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02:14:51		4404.3	4417.81
02:14:42		4403.1	4417.18
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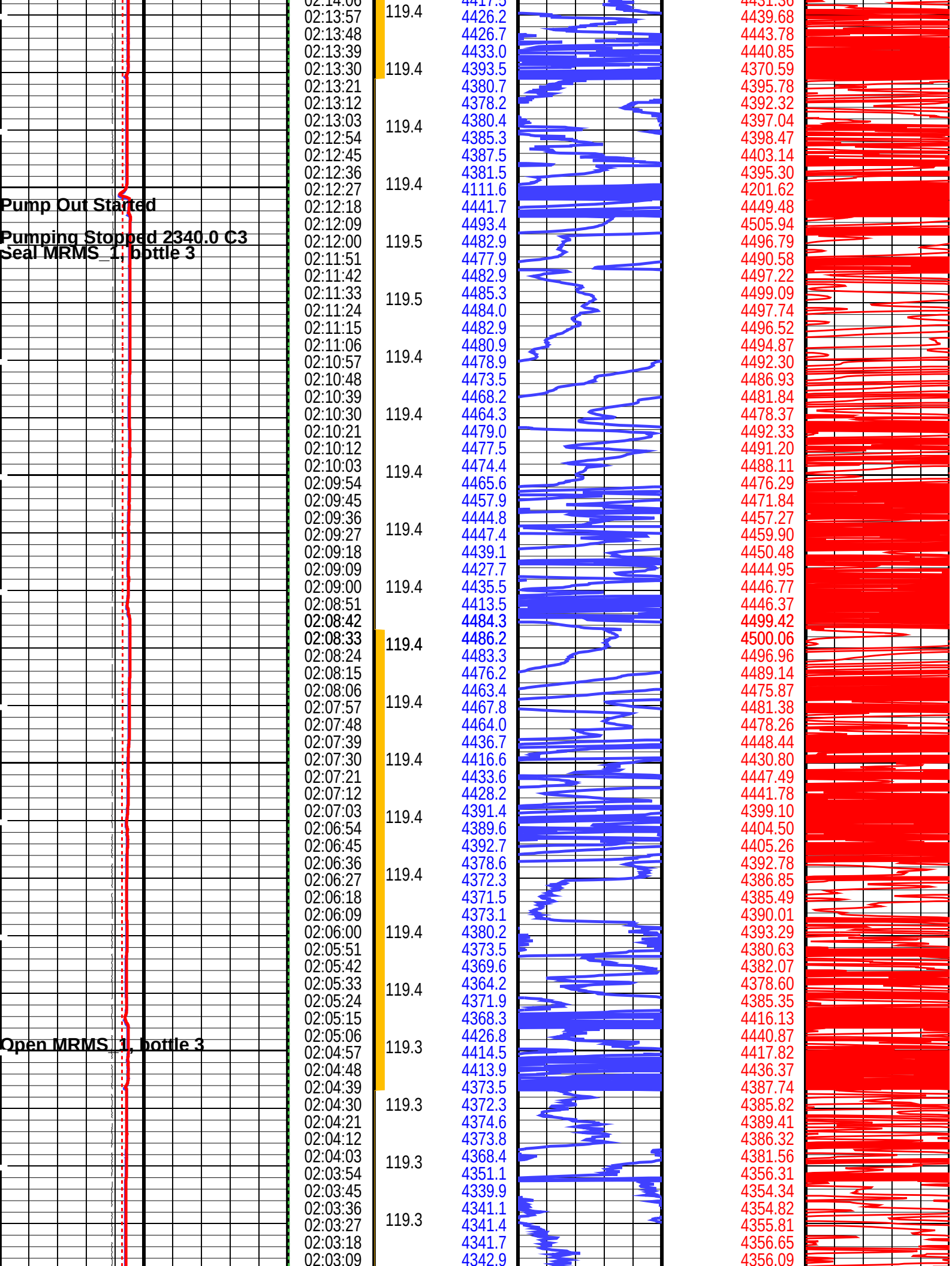

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02:12:36		4381.5	4395.30
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02:11:42		4482.9	4497.22
02:11:33	119.5	4485.3	4499.09
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02:11:15		4482.9	4496.52
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02:10:12		4477.5	4491.20
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02:09:54		4465.6	4476.29
02:09:45		4457.9	4471.84
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02:07:21		4433.6	4447.49
02:07:12		4428.2	4441.78
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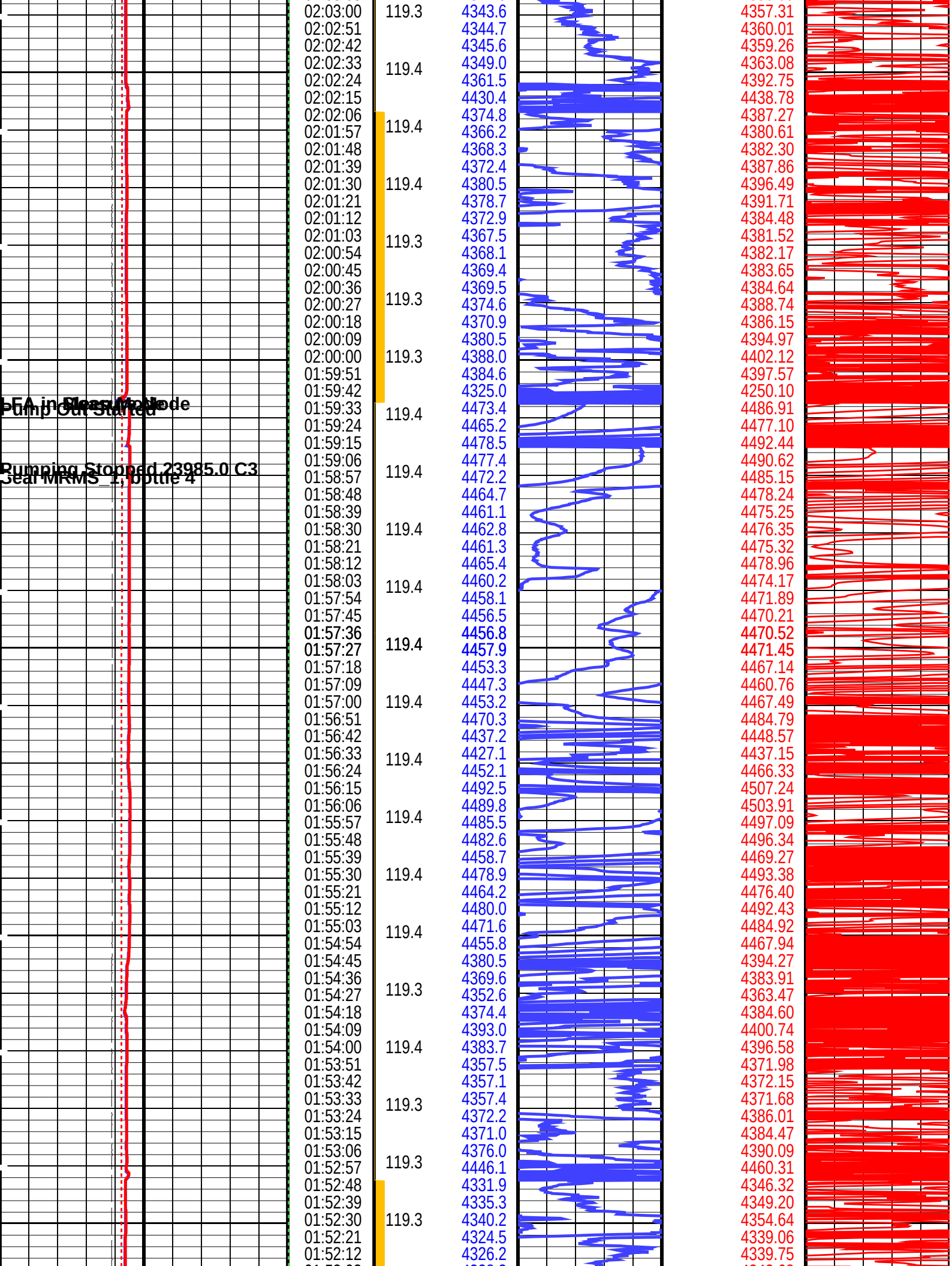

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01:57:27	119.4	4457.9	4471.45
01:57:18		4453.3	4467.14
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01:56:33	119.4	4427.1	4437.15
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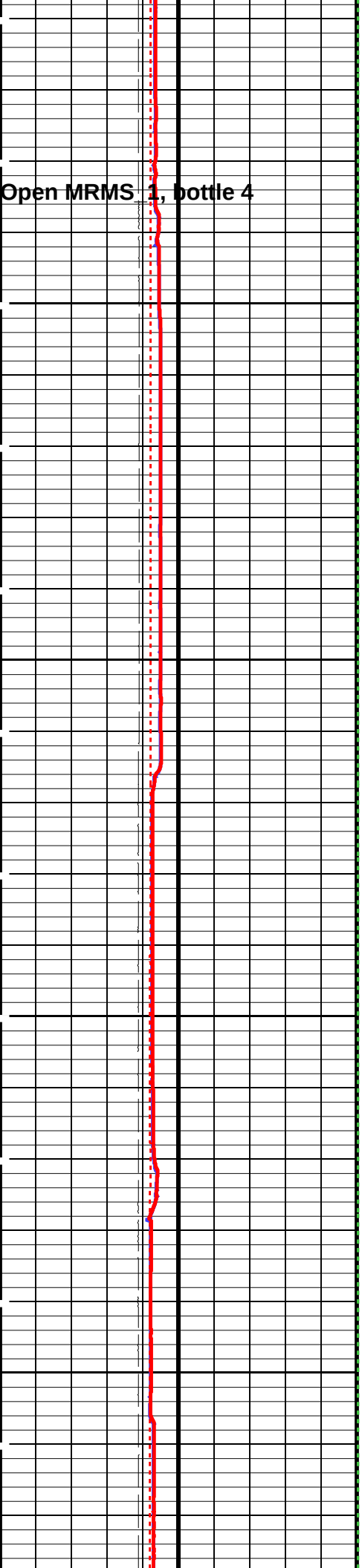

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01:49:12		4472.5	4486.51
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01:48:00	119.4	4473.8	4487.84
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01:45:36		4239.8	4254.36
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01:32:15		4270.9	4285.93
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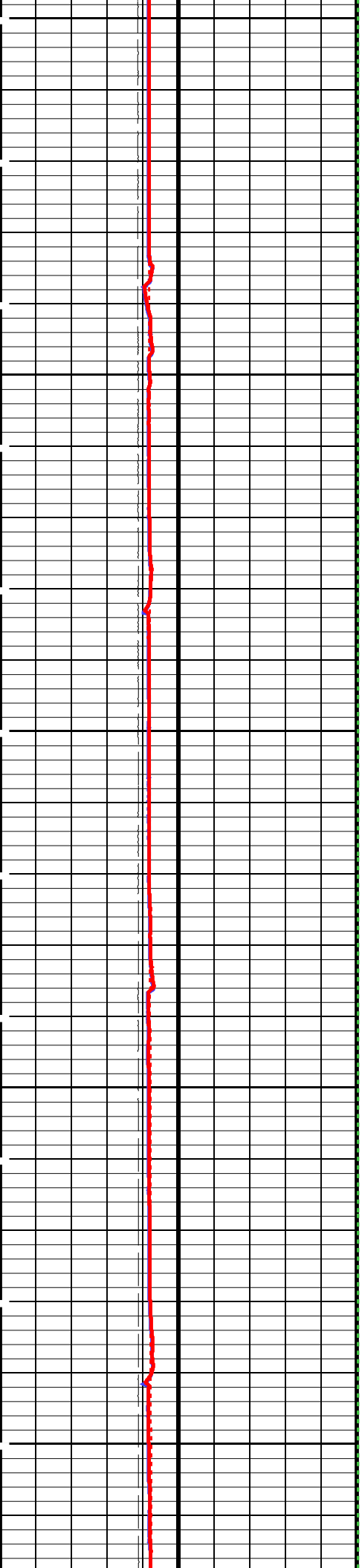

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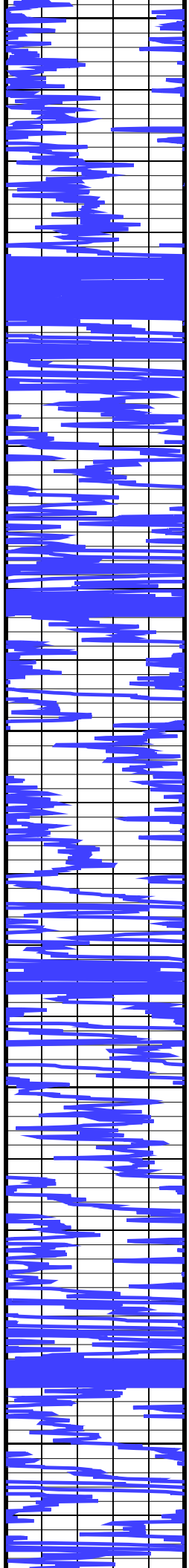

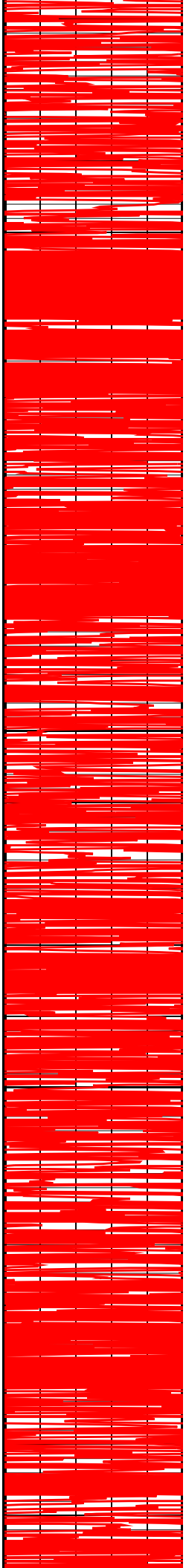

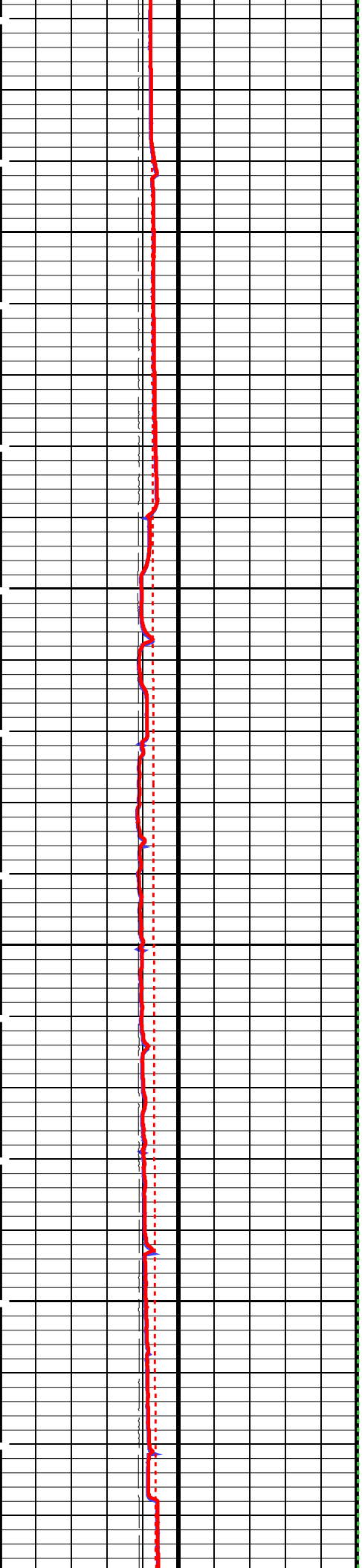

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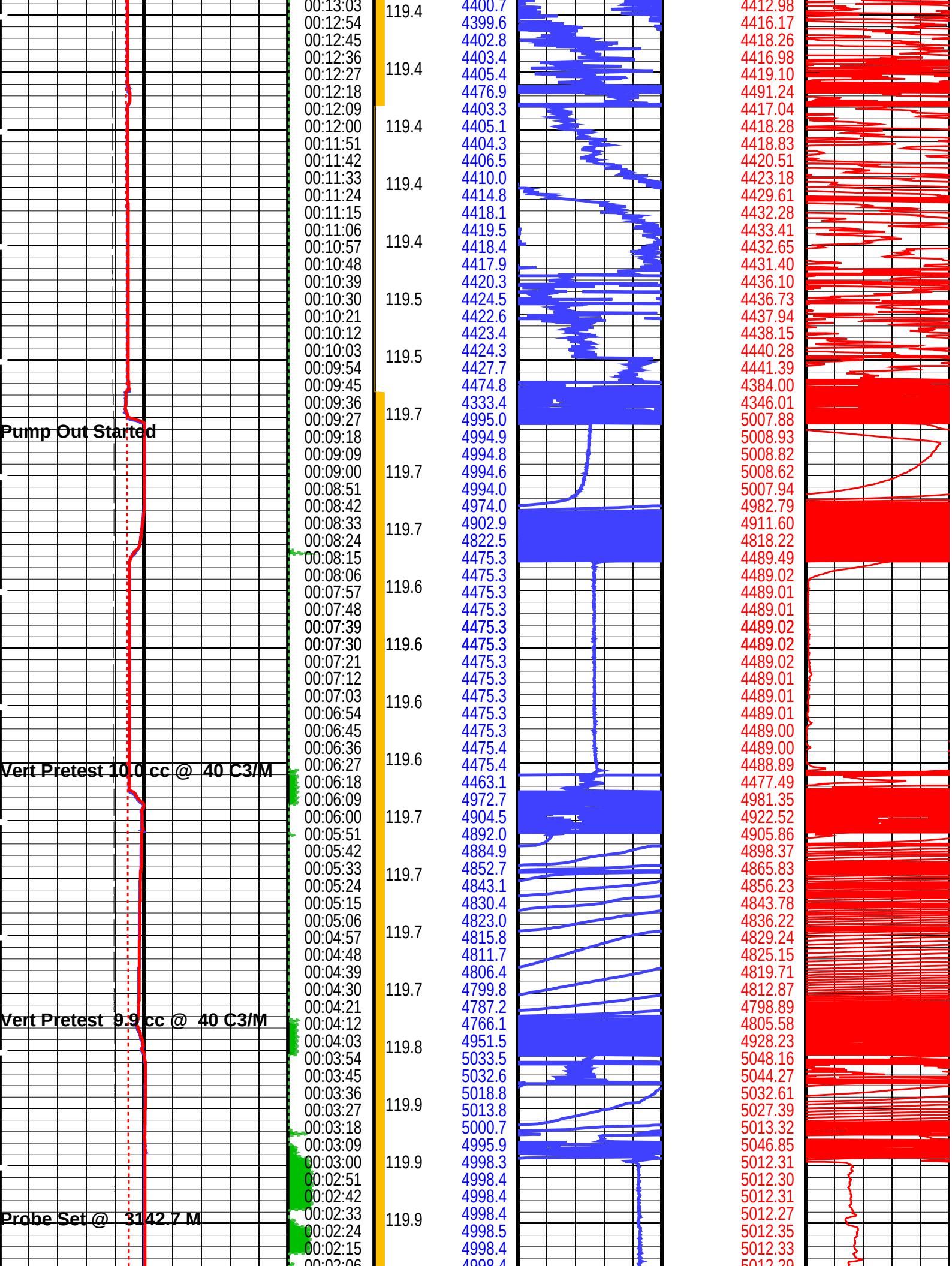
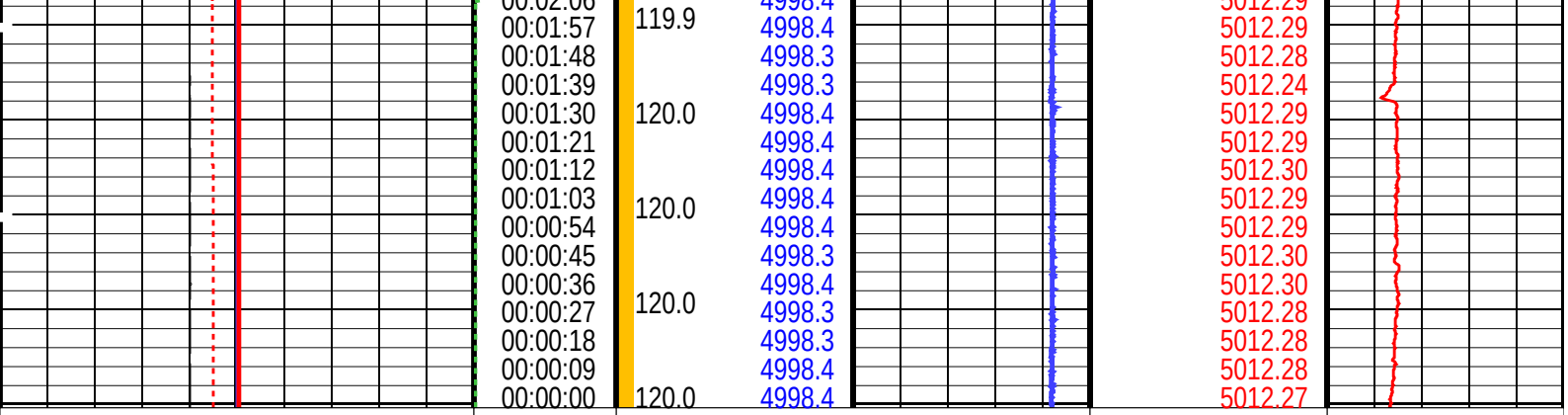
00:17:51		3944.4	3944.62
00:17:42		3909.1	3927.16
00:17:33	119.3	3962.4	3992.14
00:17:24		3955.3	3967.83
00:17:15		3918.5	3938.20
00:17:06		3943.9	3964.70
00:16:57	119.3	3935.2	3953.98
00:16:48		4128.7	4114.83
00:16:39		3956.1	3971.67
00:16:30	119.3	3986.2	4001.61
00:16:21		3995.4	3991.02
00:16:12		3988.9	4005.48
00:16:03	119.4	3993.2	4006.40
00:15:54		4002.2	4026.20
00:15:45		4017.6	4031.71
00:15:36		4019.2	4036.15
00:15:27	119.4	4064.1	4086.28
00:15:18		4032.6	4049.67
00:15:09		4052.0	4072.94
00:15:00	119.4	4058.3	4075.60
00:14:51		4093.0	4097.42
00:14:42		4101.0	4127.17
00:14:33	119.4	4103.7	4121.76
00:14:24		4096.8	4125.83
00:14:15		4121.2	4134.21
00:14:06		4138.2	4153.22
00:13:57	119.4	4311.1	4177.58
00:13:48		4122.5	4133.51
00:13:39		4134.9	4183.17
00:13:30	119.4	4388.2	4402.26
00:13:21		4392.5	4405.93
00:13:12		4399.3	4411.11


Pump Out Started
Vert Pretest 10.0 cc @ 40 C3/M
Vert Pretest 9.9 cc @ 40 C3/M
Probe Set @ 3142.7 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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 26-Nov-2004 17:16

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	MRMS_2	12C0-301
MRPC	12C0-301	SGT-L	12C0-301
TCC-BF	12C0-301		

Output DLIS Files

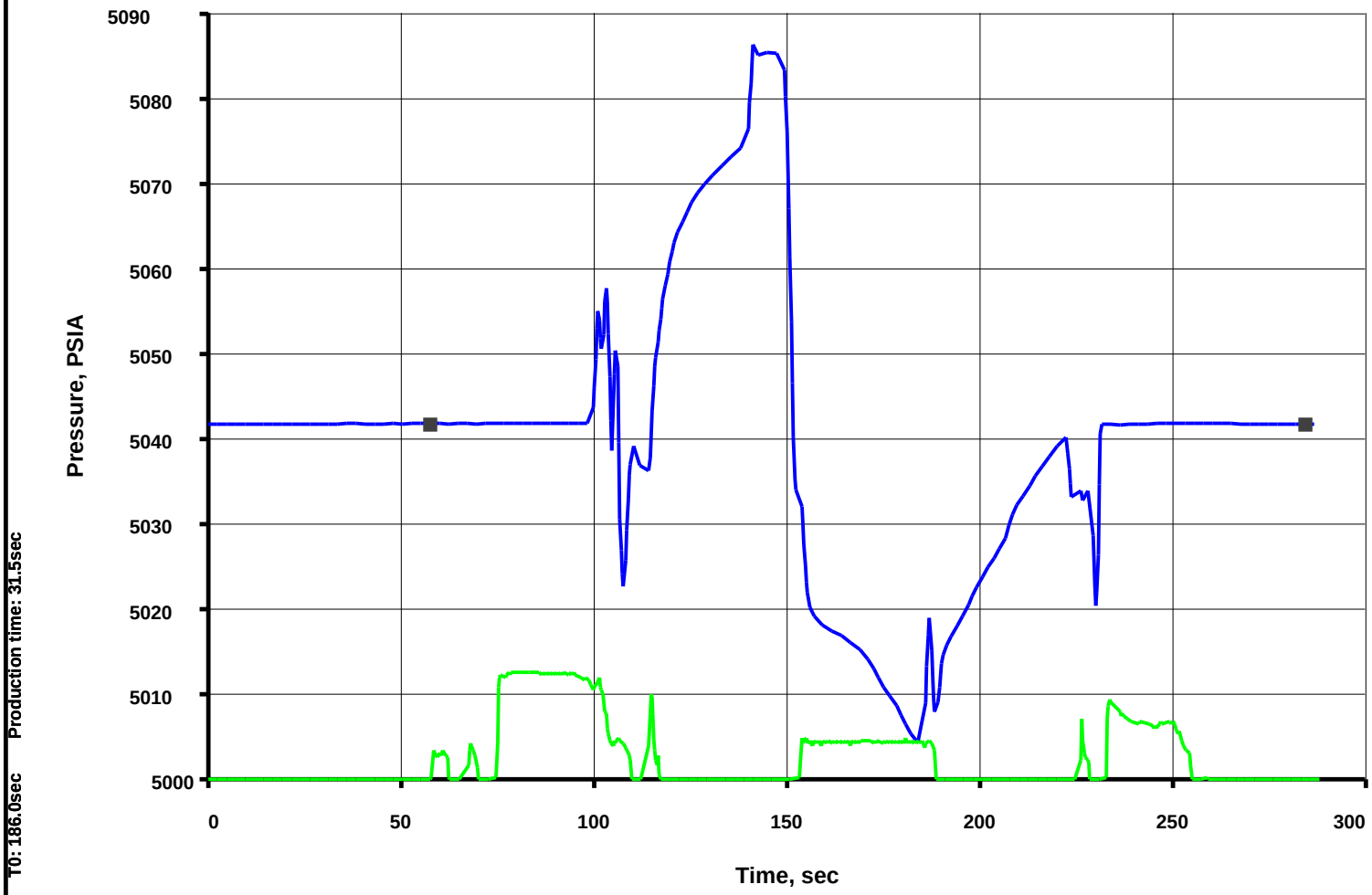
DEFAULT	MDT_OFA_115LTP	FN:183	PRODUCER	26-Nov-2004 17:16
RT_BACKUP	MDT_OFA_115LTP	FN:184	PRODUCER	26-Nov-2004 17:15

Schlumberger

Pretest @ 3161.8 mMD

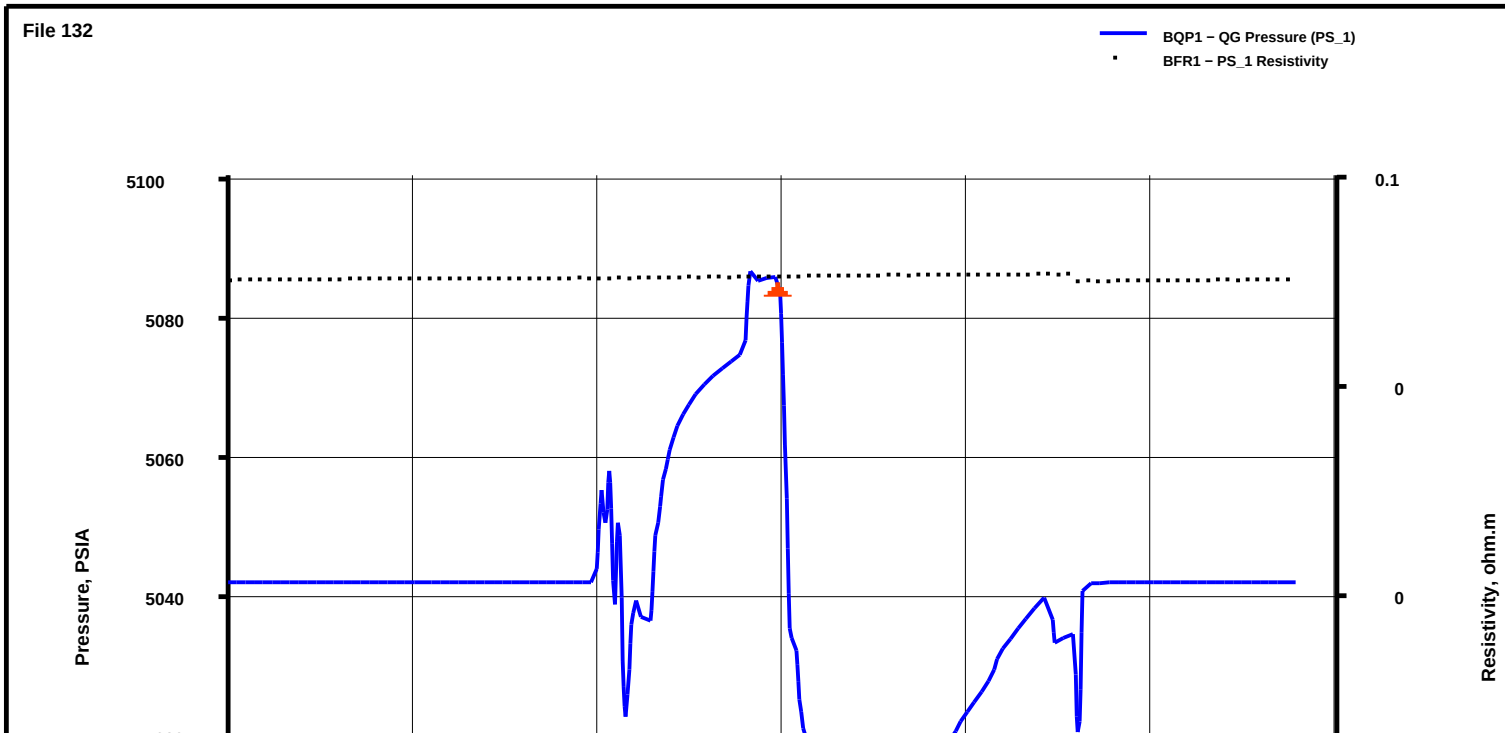
File 132 Depth, M: 3161.84 Lost Seal − Large−Diameter probe

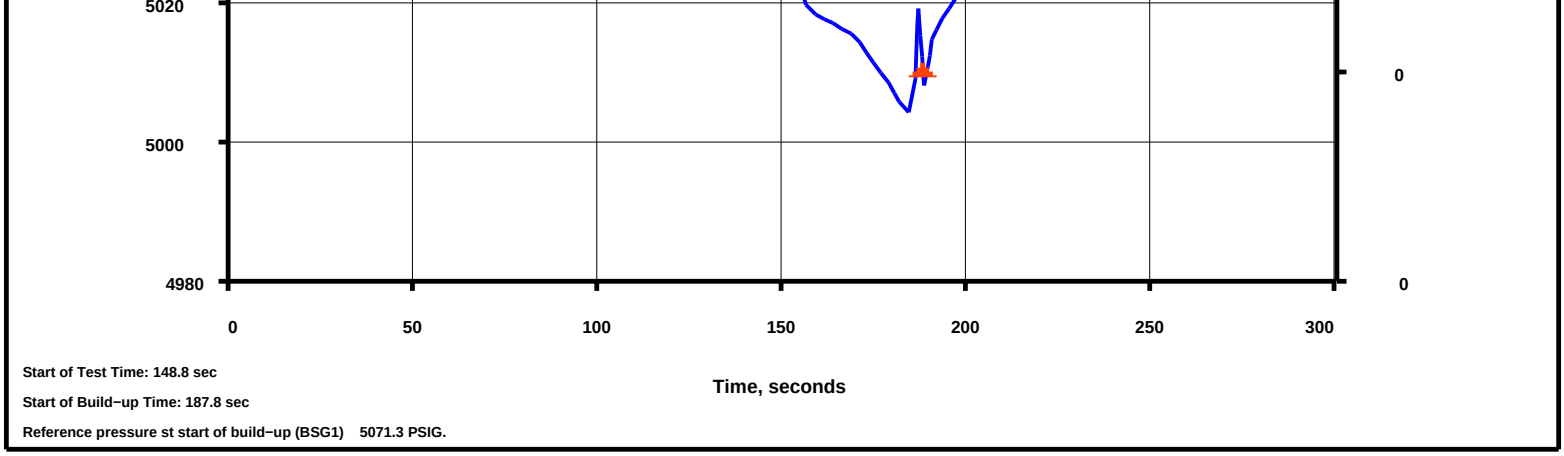
Mud Pressure before test, PSIA: 5041.76
Mud Pressure after test, PSIA: 5041.74



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

File 132





Input DLIS Files

MDT_OFA_132LTP 27−Nov−2004 18:02

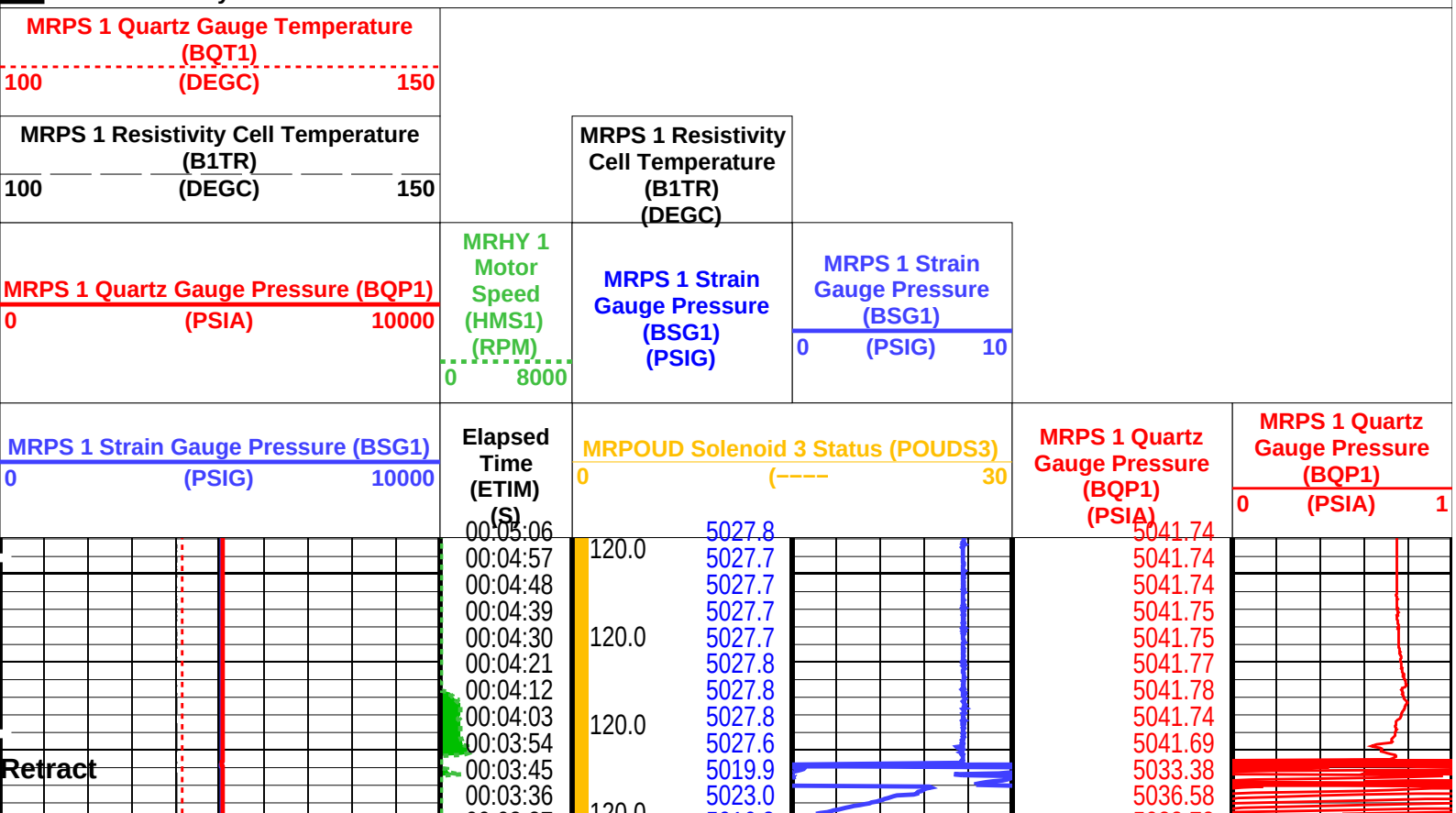
Output DLIS Files

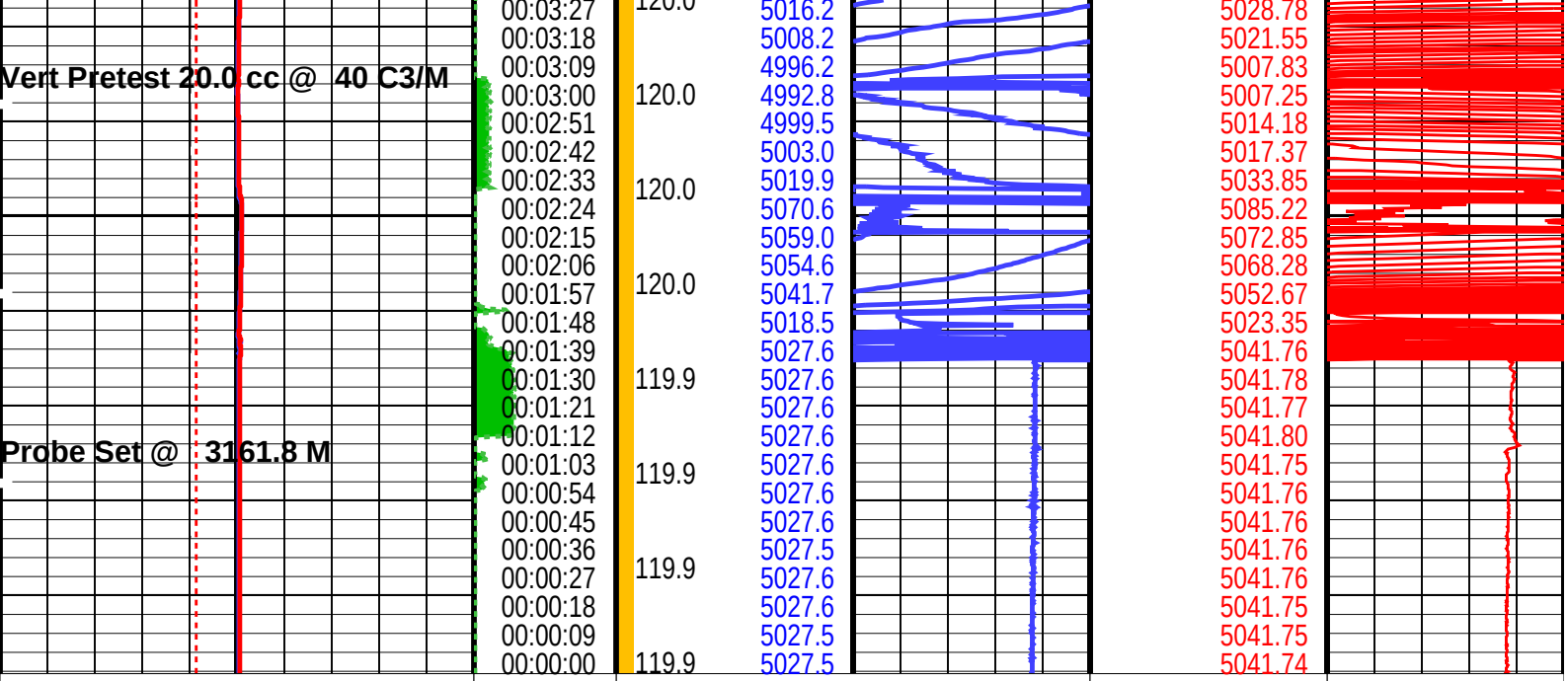
DEFAULT MDT_OFA_041PTP FN:40 PRODUCER 27−Nov−2004 20:47 3161.8 M 0.8 M

Elapsed Time (s)	Event Summary
228.9	Retract Single Probe Module (MRPS) 1
148.8	Vert Pretest 20.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
70.8	Probe Set @ 3161.8 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





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
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 20:47

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

Output DLIS Files

DEFAULT MDT_OFA_041PTP FN:40 PRODUCER 27−Nov−2004 20:47

Schlumberger

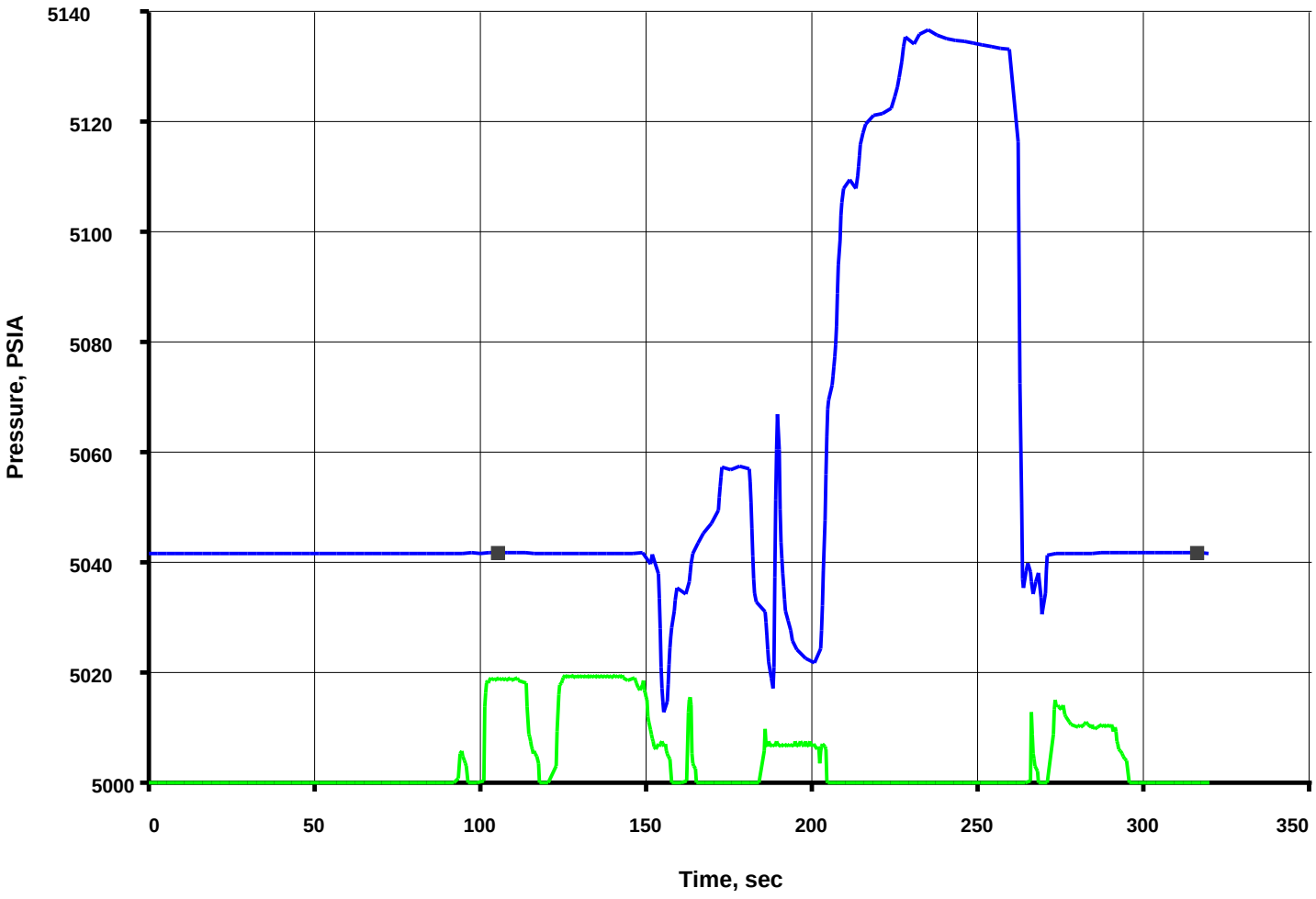
Pretest @ 3162.0mMD

MAXIS Field Log

File 129 Depth, M: 3161.99

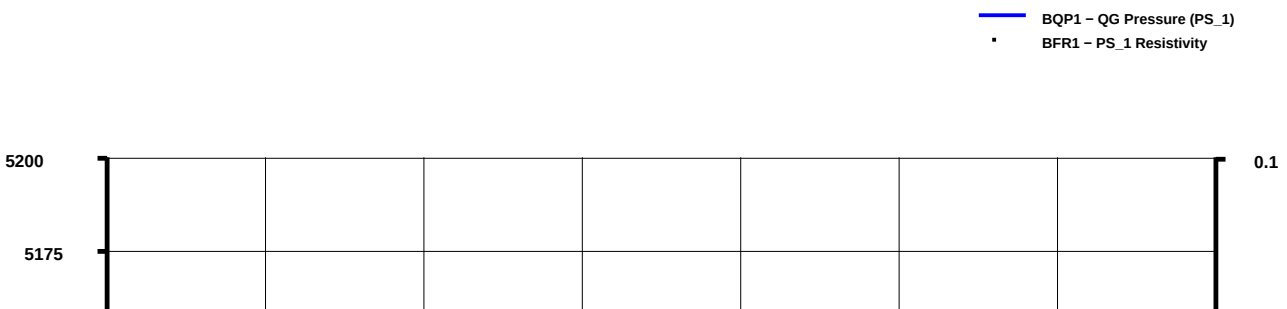
Lost Seal − Large−Diameter probe

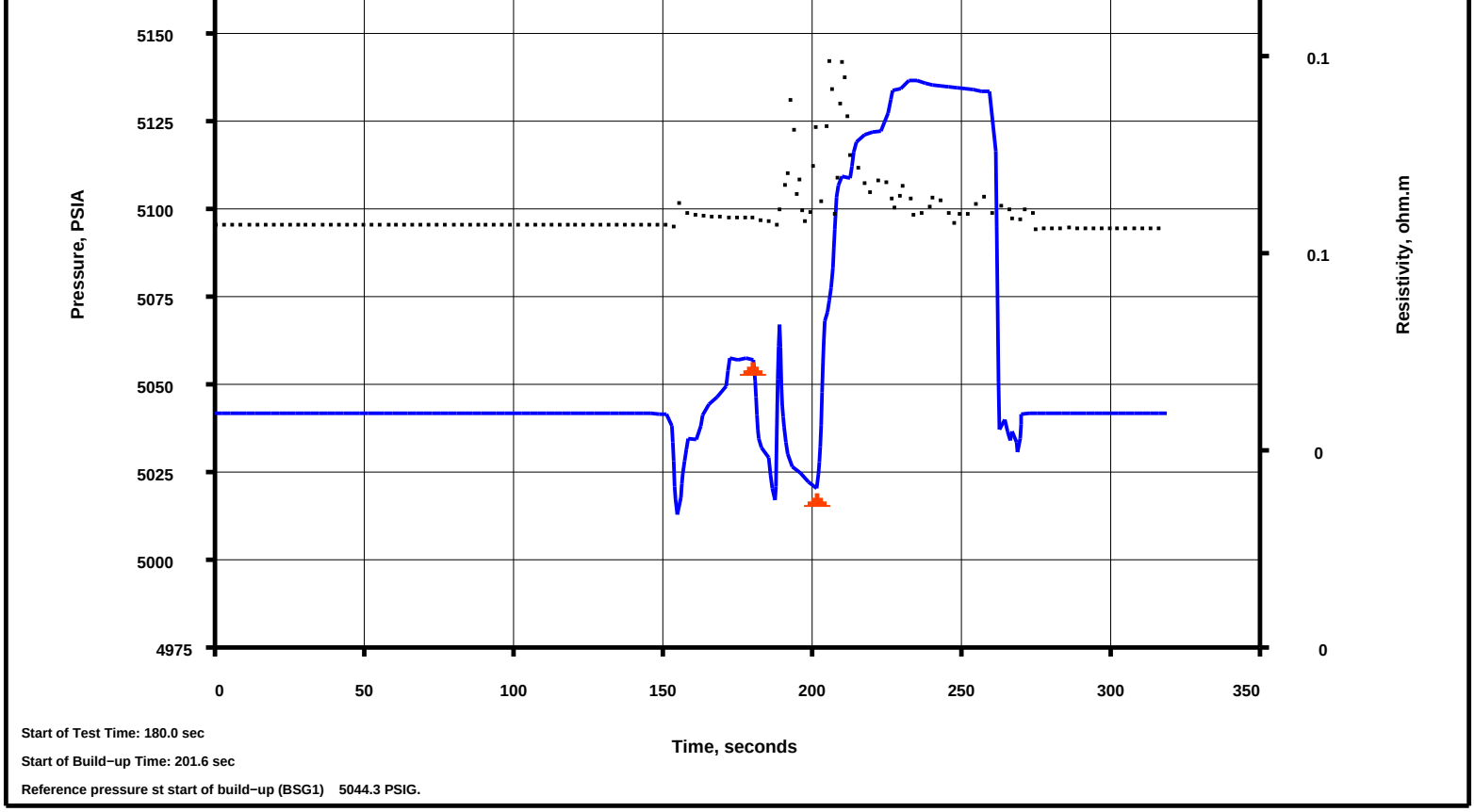
Mud Pressure before test, PSIA: 5041.78
Mud Pressure after test, PSIA: 5041.77



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

File 129





Output DLIS Files

DEFAULT	MDT_OFA_129LTP	FN:211	PRODUCER	27−Nov−2004 02:47	3162.0 M	0.9 M
RT_BACKUP	MDT_OFA_129LTP	FN:212	PRODUCER	27−Nov−2004 02:47	3162.0 M	0.9 M

Elapsed Time (s)	Event Summary
267.6	Retract Single Probe Module (MRPS) 1
180.0	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
118.2	Probe Set @ 3162.0 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

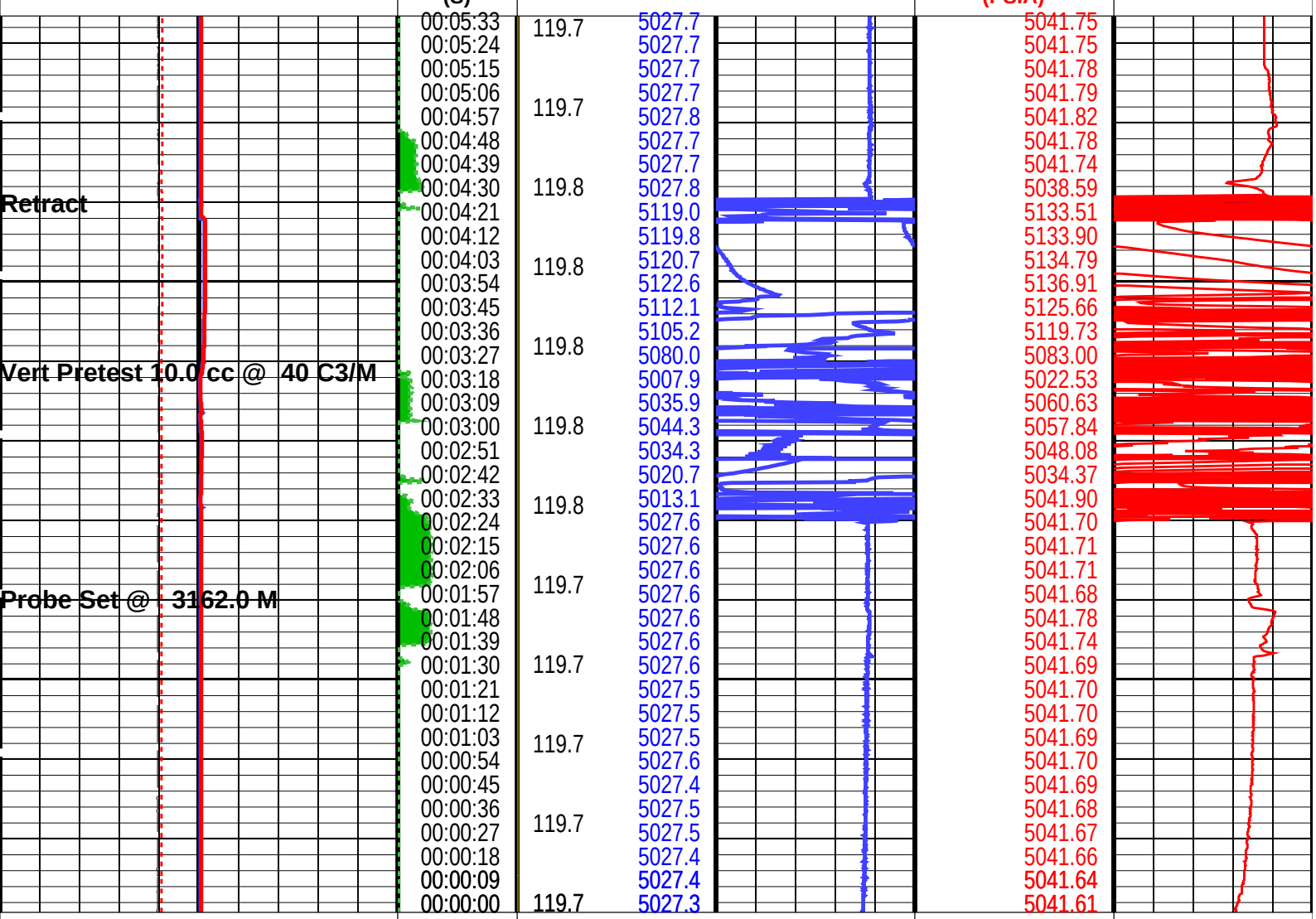
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

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	119.7	5027.7	5041.75
00:05:24		5027.7	5041.75
00:05:15		5027.7	5041.78
00:05:06		5027.7	5041.79
00:04:57	119.7	5027.8	5041.82
00:04:48		5027.7	5041.78
00:04:39		5027.7	5041.74
00:04:30	119.8	5027.8	5038.59
00:04:21		5119.0	5133.51
00:04:12		5119.8	5133.90
00:04:03	119.8	5120.7	5134.79
00:03:54		5122.6	5136.91
00:03:45		5112.1	5125.66
00:03:36	119.8	5105.2	5119.73
00:03:27		5080.0	5083.00
00:03:18		5007.9	5022.53
00:03:09		5035.9	5060.63
00:03:00	119.8	5044.3	5057.84
00:02:51		5034.3	5048.08
00:02:42		5020.7	5034.37
00:02:33	119.8	5013.1	5041.90
00:02:24		5027.6	5041.70
00:02:15		5027.6	5041.71
00:02:06		5027.6	5041.71
00:01:57	119.7	5027.6	5041.68
00:01:48		5027.6	5041.78
00:01:39		5027.6	5041.74
00:01:30	119.7	5027.6	5041.69
00:01:21		5027.5	5041.70
00:01:12		5027.5	5041.70
00:01:03	119.7	5027.5	5041.69
00:00:54		5027.6	5041.70
00:00:45		5027.4	5041.69
00:00:36	119.7	5027.5	5041.68
00:00:27		5027.5	5041.67
00:00:18		5027.4	5041.66
00:00:09		5027.4	5041.64
00:00:00	119.7	5027.3	5041.61

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

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_129LTP	FN:211	PRODUCER	27−Nov−2004 02:47
RT_BACKUP	MDT_OFA_129LTP	FN:212	PRODUCER	27−Nov−2004 02:47

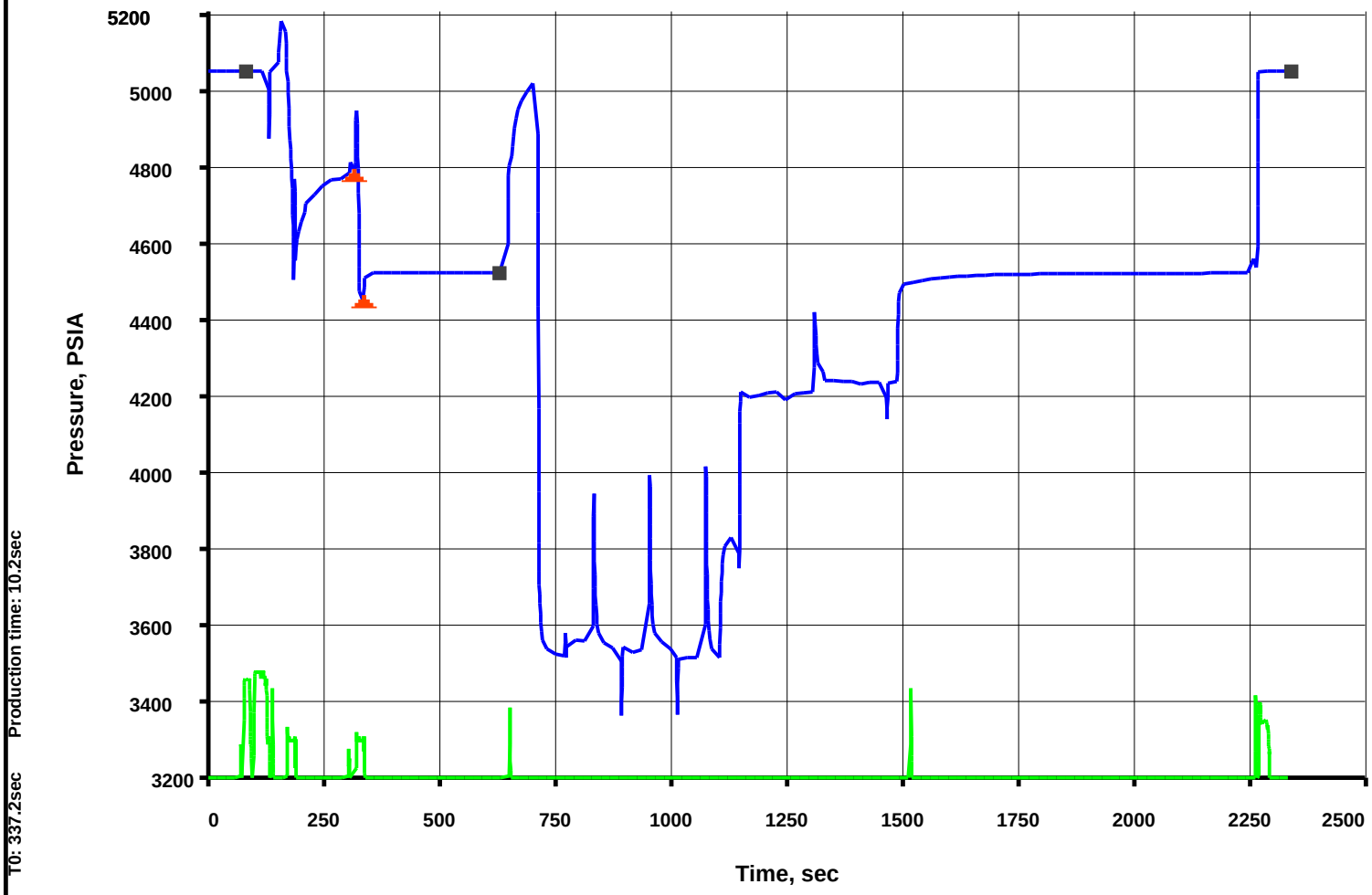
Schlumberger

Fluid analysis and Pump Out 3162.0 mMD

MAXIS Field Log

File 117 Depth, M: 3162.00 Volumetric Limited draw−down − Large−Diameter probe

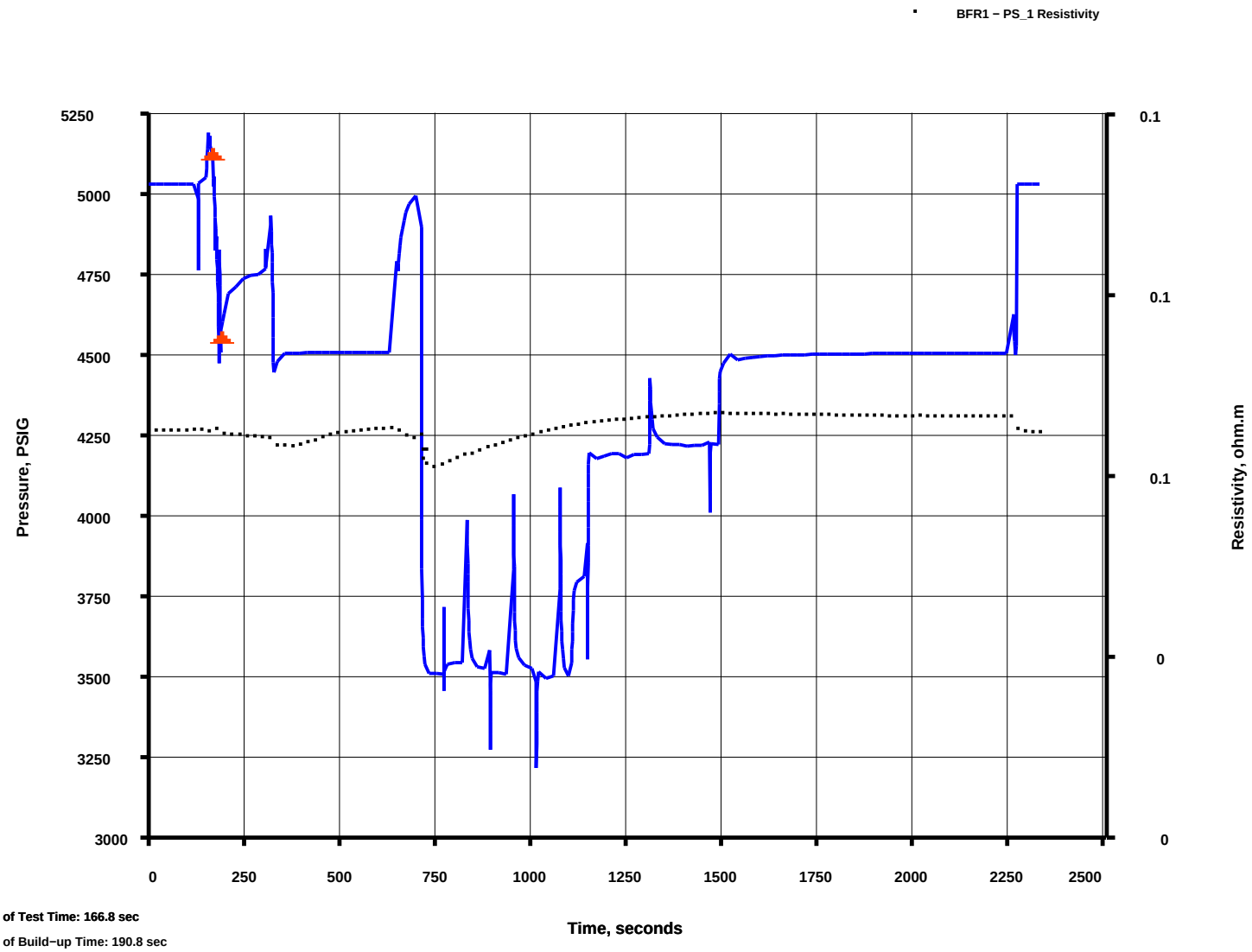
Mud Pressure before test, PSIA:	5042.77
Mud Pressure after test, PSIA:	5042.92
Last build−up pressure, PSIA:	4518.24
Draw−down mobility, md/cp:	30.7



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

File 117

BSG1 − SG Pressure (PS_1)



Start of Test Time: 166.8 sec

Start of Build–up Time: 190.8 sec

Reference pressure st start of build–up (BSG1) 5156.5 PSIG.

Output DLIS Files

DEFAULT	MDT_OFA_117LTP	FN:187	PRODUCER	26–Nov–2004 19:57	3162.0 M	6.0 M
RT_BACKUP	MDT_OFA_117LTP	FN:188	PRODUCER	26–Nov–2004 19:56	3162.0 M	6.0 M

Elapsed Time (s)	Event Summary
2265.6	Retract Single Probe Module (MRPS) 1
1489.2	Pumping Stopped 5850.0 C3 Dual Up–down Pumpout Module (MRPOUD)
709.8	Pump Out Started Dual Up–down Pumpout Module (MRPOUD)
679.8	Pumping Stopped 0.0 C3 Dual Up–down Pumpout Module (MRPOUD)
662.1	Pump Out Started Dual Up–down Pumpout Module (MRPOUD)
316.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
166.8	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
95.7	Probe Set @ 3162.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

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

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)

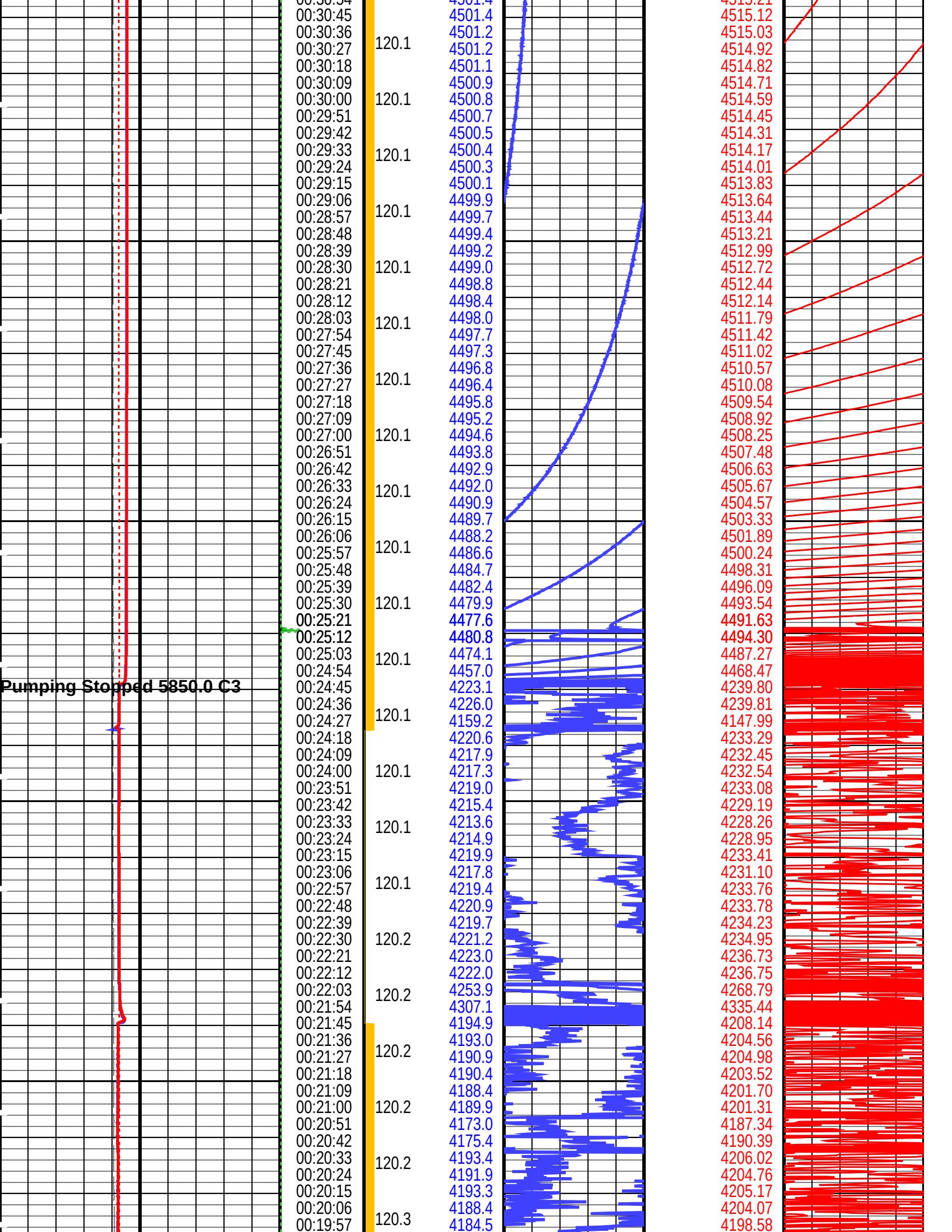
MRPOUD Solenoid 3 Status (POUDS3)
0 (---- 30

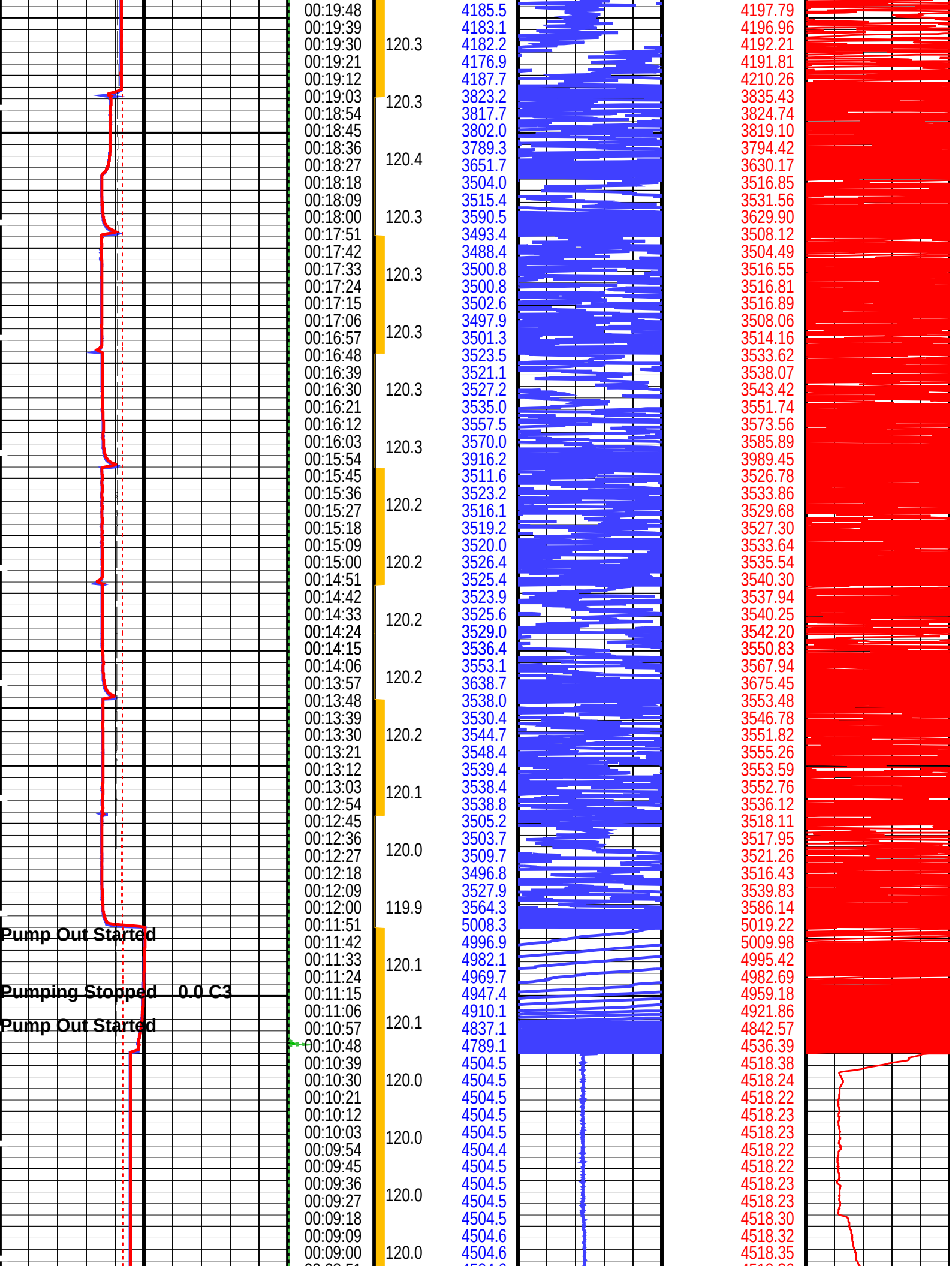
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

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

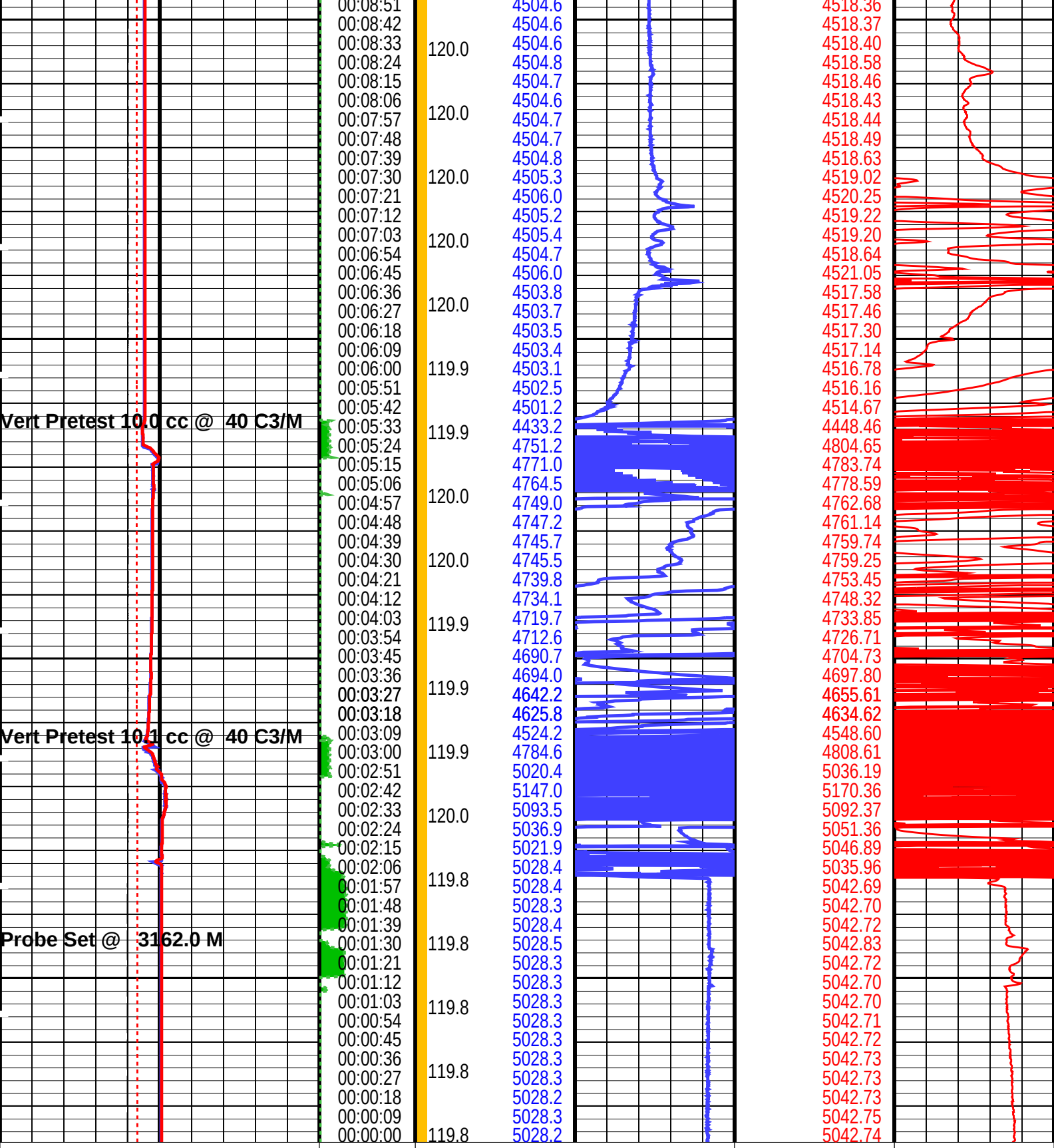
Retract

Elapsed Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:39:18		5028.8	5042.91
00:39:09		5028.8	5042.91
00:39:00	120.1	5028.8	5042.92
00:38:51		5028.8	5042.93
00:38:42		5028.8	5042.93
00:38:33	120.1	5028.8	5042.94
00:38:24		5028.8	5042.97
00:38:15		5028.8	5042.99
00:38:06		5028.8	5042.98
00:37:57	120.1	5028.5	5042.91
00:37:48		5027.4	4918.86
00:37:39		4623.9	4534.14
00:37:30	120.0	4503.0	4516.78
00:37:21		4503.0	4516.73
00:37:12		4503.0	4516.72
00:37:03	120.0	4503.0	4516.70
00:36:54		4502.9	4516.69
00:36:45		4503.0	4516.67
00:36:36		4502.9	4516.66
00:36:27	120.0	4502.9	4516.64
00:36:18		4502.9	4516.62
00:36:09		4502.8	4516.61
00:36:00	120.0	4502.9	4516.59
00:35:51		4502.8	4516.57
00:35:42		4502.8	4516.55
00:35:33	120.0	4502.8	4516.53
00:35:24		4502.7	4516.51
00:35:15		4502.7	4516.49
00:35:06		4502.7	4516.46
00:34:57	120.0	4502.7	4516.44
00:34:48		4502.7	4516.41
00:34:39		4502.6	4516.39
00:34:30	120.0	4502.7	4516.37
00:34:21		4502.6	4516.34
00:34:12		4502.6	4516.31
00:34:03	120.0	4502.6	4516.28
00:33:54		4502.5	4516.26
00:33:45		4502.5	4516.23
00:33:36		4502.5	4516.19
00:33:27	120.0	4502.4	4516.16
00:33:18		4502.4	4516.12
00:33:09		4502.3	4516.08
00:33:00	120.1	4502.3	4516.04
00:32:51		4502.3	4515.99
00:32:42		4502.3	4515.96
00:32:33	120.1	4502.2	4515.91
00:32:24		4502.1	4515.86
00:32:15		4502.1	4515.81
00:32:06		4502.1	4515.76
00:31:57	120.1	4502.0	4515.70
00:31:48		4501.9	4515.64
00:31:39		4501.8	4515.58
00:31:30	120.1	4501.8	4515.51
00:31:21		4501.7	4515.44
00:31:12		4501.6	4515.37
00:31:03	120.1	4501.6	4515.29
00:30:54		4501.4	4515.21


Pumping Stopped 5850.0 C3



00:19:48		4185.5	4197.79
00:19:39		4183.1	4196.96
00:19:30	120.3	4182.2	4192.21
00:19:21		4176.9	4191.81
00:19:12		4187.7	4210.26
00:19:03	120.3	3823.2	3835.43
00:18:54		3817.7	3824.74
00:18:45		3802.0	3819.10
00:18:36		3789.3	3794.42
00:18:27	120.4	3651.7	3630.17
00:18:18		3504.0	3516.85
00:18:09		3515.4	3531.56
00:18:00	120.3	3590.5	3629.90
00:17:51		3493.4	3508.12
00:17:42		3488.4	3504.49
00:17:33	120.3	3500.8	3516.55
00:17:24		3500.8	3516.81
00:17:15		3502.6	3516.89
00:17:06		3497.9	3508.06
00:16:57	120.3	3501.3	3514.16
00:16:48		3523.5	3533.62
00:16:39		3521.1	3538.07
00:16:30	120.3	3527.2	3543.42
00:16:21		3535.0	3551.74
00:16:12		3557.5	3573.56
00:16:03	120.3	3570.0	3585.89
00:15:54		3916.2	3989.45
00:15:45		3511.6	3526.78
00:15:36		3523.2	3533.86
00:15:27	120.2	3516.1	3529.68
00:15:18		3519.2	3527.30
00:15:09		3520.0	3533.64
00:15:00	120.2	3526.4	3535.54
00:14:51		3525.4	3540.30
00:14:42		3523.9	3537.94
00:14:33	120.2	3525.6	3540.25
00:14:24		3529.0	3542.20
00:14:15		3536.4	3550.83
00:14:06		3553.1	3567.94
00:13:57	120.2	3638.7	3675.45
00:13:48		3538.0	3553.48
00:13:39		3530.4	3546.78
00:13:30	120.2	3544.7	3551.82
00:13:21		3548.4	3555.26
00:13:12		3539.4	3553.59
00:13:03	120.1	3538.4	3552.76
00:12:54		3538.8	3536.12
00:12:45		3505.2	3518.11
00:12:36		3503.7	3517.95
00:12:27	120.0	3509.7	3521.26
00:12:18		3496.8	3516.43
00:12:09		3527.9	3539.83
00:12:00	119.9	3564.3	3586.14
00:11:51		5008.3	5019.22
00:11:42		4996.9	5009.98
00:11:33	120.1	4982.1	4995.42
00:11:24		4969.7	4982.69
00:11:15		4947.4	4959.18
00:11:06		4910.1	4921.86
00:10:57	120.1	4837.1	4842.57
00:10:48		4789.1	4536.39
00:10:39		4504.5	4518.38
00:10:30	120.0	4504.5	4518.24
00:10:21		4504.5	4518.22
00:10:12		4504.5	4518.23
00:10:03	120.0	4504.5	4518.23
00:09:54		4504.4	4518.22
00:09:45		4504.5	4518.22
00:09:36		4504.5	4518.23
00:09:27	120.0	4504.5	4518.23
00:09:18		4504.5	4518.30
00:09:09		4504.6	4518.32
00:09:00	120.0	4504.6	4518.35



Time	MRPOUD Solenoid 3 Status (POUDS3)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
00:08:51		4504.6	4518.36
00:08:42		4504.6	4518.37
00:08:33	120.0	4504.6	4518.40
00:08:24		4504.8	4518.58
00:08:15		4504.7	4518.46
00:08:06		4504.6	4518.43
00:07:57	120.0	4504.7	4518.44
00:07:48		4504.7	4518.49
00:07:39		4504.8	4518.63
00:07:30	120.0	4505.3	4519.02
00:07:21		4506.0	4520.25
00:07:12		4505.2	4519.22
00:07:03	120.0	4505.4	4519.20
00:06:54		4504.7	4518.64
00:06:45		4506.0	4521.05
00:06:36		4503.8	4517.58
00:06:27	120.0	4503.7	4517.46
00:06:18		4503.5	4517.30
00:06:09		4503.4	4517.14
00:06:00	119.9	4503.1	4516.78
00:05:51		4502.5	4516.16
00:05:42		4501.2	4514.67
00:05:33	119.9	4433.2	4448.46
00:05:24		4751.2	4804.65
00:05:15		4771.0	4783.74
00:05:06		4764.5	4778.59
00:04:57	120.0	4749.0	4762.68
00:04:48		4747.2	4761.14
00:04:39		4745.7	4759.74
00:04:30	120.0	4745.5	4759.25
00:04:21		4739.8	4753.45
00:04:12		4734.1	4748.32
00:04:03	119.9	4719.7	4733.85
00:03:54		4712.6	4726.71
00:03:45		4690.7	4704.73
00:03:36	119.9	4694.0	4697.80
00:03:27		4642.2	4655.61
00:03:18		4625.8	4634.62
00:03:09		4524.2	4548.60
00:03:00	119.9	4784.6	4808.61
00:02:51		5020.4	5036.19
00:02:42		5147.0	5170.36
00:02:33	120.0	5093.5	5092.37
00:02:24		5036.9	5051.36
00:02:15		5021.9	5046.89
00:02:06		5028.4	5035.96
00:01:57	119.8	5028.4	5042.69
00:01:48		5028.3	5042.70
00:01:39		5028.4	5042.72
00:01:30	119.8	5028.5	5042.83
00:01:21		5028.3	5042.72
00:01:12		5028.3	5042.70
00:01:03	119.8	5028.3	5042.70
00:00:54		5028.3	5042.71
00:00:45		5028.3	5042.72
00:00:36		5028.3	5042.73
00:00:27	119.8	5028.3	5042.73
00:00:18		5028.2	5042.73
00:00:09		5028.3	5042.75
00:00:00	119.8	5028.2	5042.74

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)

MRPS 1 Resistivity Cell Temperature

100	(B1TR) (DEGC)	150

Cell Temperature (B1TR) (DEGC)

100	MRPS 1 Quartz Gauge Temperature (BQT1) (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: 26−Nov−2004 19:57

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_117LTP	FN:187	PRODUCER	26−Nov−2004 19:57
RT_BACKUP	MDT_OFA_117LTP	FN:188	PRODUCER	26−Nov−2004 19:56

Output DLIS Files

DEFAULT	MDT_OFA_117LTP	FN:187	PRODUCER	26−Nov−2004 19:57	3162.0 M	6.0 M
RT_BACKUP	MDT_OFA_117LTP	FN:188	PRODUCER	26−Nov−2004 19:56	3162.0 M	6.0 M

Elapsed Time (s)	Event Summary
2265.6	Retract Single Probe Module (MRPS) 1
1489.2	Pumping Stopped 5850.0 C3 Dual Up−down Pumpout Module (MRPOUD)
709.8	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
679.8	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
662.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
316.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
166.8	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
95.7	Probe Set @ 3162.0 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

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

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 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

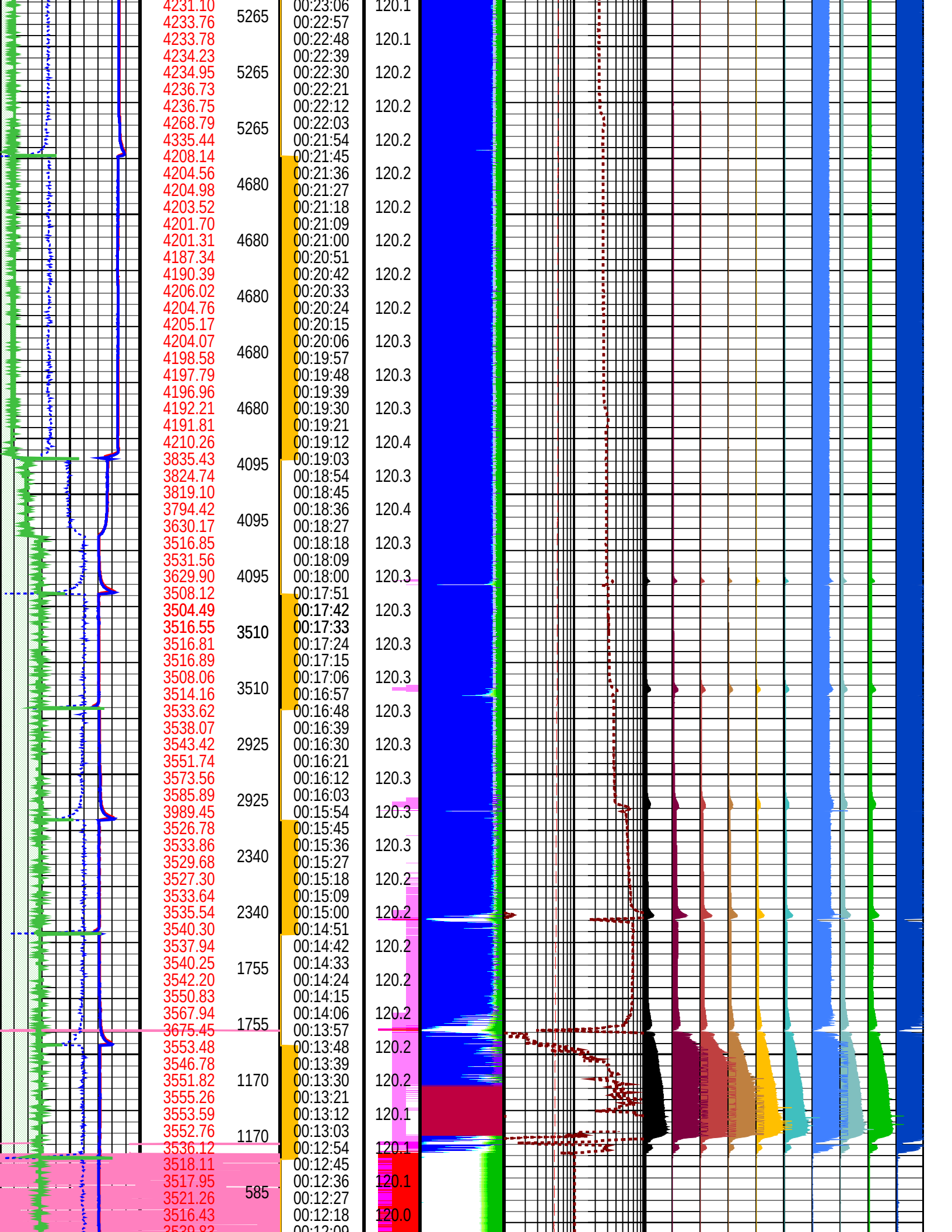
LFA Optical Density Channel 0 (FAOD_LFA[0])
0 (---- 40

Retract

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPOUD Solenoid 3 Status (POUDS3)	Elapsed Time (ETIM) (S)	Resistivity Cell Temp B1TR (B1TR) (DEGC)
5042.91		00:39:18	120.0
5042.91		00:39:09	
5042.92	0	00:39:00	120.1
5042.93		00:38:51	
5042.93		00:38:42	120.0
5042.94	0	00:38:33	
5042.97		00:38:24	120.1
5042.99		00:38:15	
5042.98	0	00:38:06	120.1
5042.91		00:37:57	
4918.86		00:37:48	120.0
4534.14		00:37:39	
4516.78	0	00:37:30	120.0
4516.73		00:37:21	
4516.72		00:37:12	120.0
4516.70	0	00:37:03	
4516.69		00:36:54	120.0
4516.67		00:36:45	
4516.66		00:36:36	120.0
4516.64	0	00:36:27	
4516.62		00:36:18	120.0
4516.61		00:36:09	
4516.59	0	00:36:00	120.0
4516.57		00:35:51	
4516.55		00:35:42	120.0
4516.53	0	00:35:33	
4516.51		00:35:24	120.0
4516.49		00:35:15	
4516.46		00:35:06	120.0
4516.44	0	00:34:57	
4516.41		00:34:48	120.0
4516.39		00:34:39	
4516.37	0	00:34:30	120.0
4516.34		00:34:21	
4516.31		00:34:12	120.0

4516.28	0	00:34:03	
4516.26		00:33:54	120.0
4516.23		00:33:45	
4516.19	0	00:33:36	120.0
4516.16		00:33:27	
4516.12		00:33:18	120.0
4516.08		00:33:09	
4516.04	0	00:33:00	120.1
4515.99		00:32:51	
4515.96		00:32:42	120.1
4515.91	0	00:32:33	
4515.86		00:32:24	120.1
4515.81		00:32:15	
4515.76	0	00:32:06	120.1
4515.70		00:31:57	
4515.64		00:31:48	120.1
4515.58		00:31:39	
4515.51	0	00:31:30	120.1
4515.44		00:31:21	
4515.37		00:31:12	120.1
4515.29	0	00:31:03	
4515.21		00:30:54	120.1
4515.12		00:30:45	
4515.03	0	00:30:36	120.1
4514.92		00:30:27	
4514.82		00:30:18	120.1
4514.71		00:30:09	
4514.59	0	00:30:00	120.1
4514.45		00:29:51	
4514.31		00:29:42	120.1
4514.17	0	00:29:33	
4514.01		00:29:24	120.1
4513.83		00:29:15	
4513.64	0	00:29:06	120.1
4513.44		00:28:57	
4513.21		00:28:48	120.1
4512.99		00:28:39	
4512.72	0	00:28:30	120.1
4512.44		00:28:21	
4512.14		00:28:12	120.1
4511.79	0	00:28:03	
4511.42		00:27:54	120.1
4511.02		00:27:45	
4510.57	0	00:27:36	120.1
4510.08		00:27:27	
4509.54		00:27:18	120.1
4508.92		00:27:09	
4508.25	0	00:27:00	120.1
4507.48		00:26:51	
4506.63		00:26:42	120.1
4505.67	0	00:26:33	
4504.57		00:26:24	120.1
4503.33		00:26:15	
4501.89	0	00:26:06	120.1
4500.24		00:25:57	
4498.31		00:25:48	120.1
4496.09		00:25:39	
4493.54	0	00:25:30	120.1
4491.63		00:25:21	
4494.30		00:25:12	120.2
4487.27	0	00:25:03	
4468.47		00:24:54	120.1
4239.80		00:24:45	
4239.81	5850	00:24:36	120.1
4147.99		00:24:27	
4233.29		00:24:18	120.1
4232.45		00:24:09	
4232.54	5265	00:24:00	120.1
4233.08		00:23:51	
4229.19		00:23:42	120.1
4228.26	5265	00:23:33	
4228.95		00:23:24	120.1
4233.41		00:23:15	

Pumping Stopped 5850.0 C3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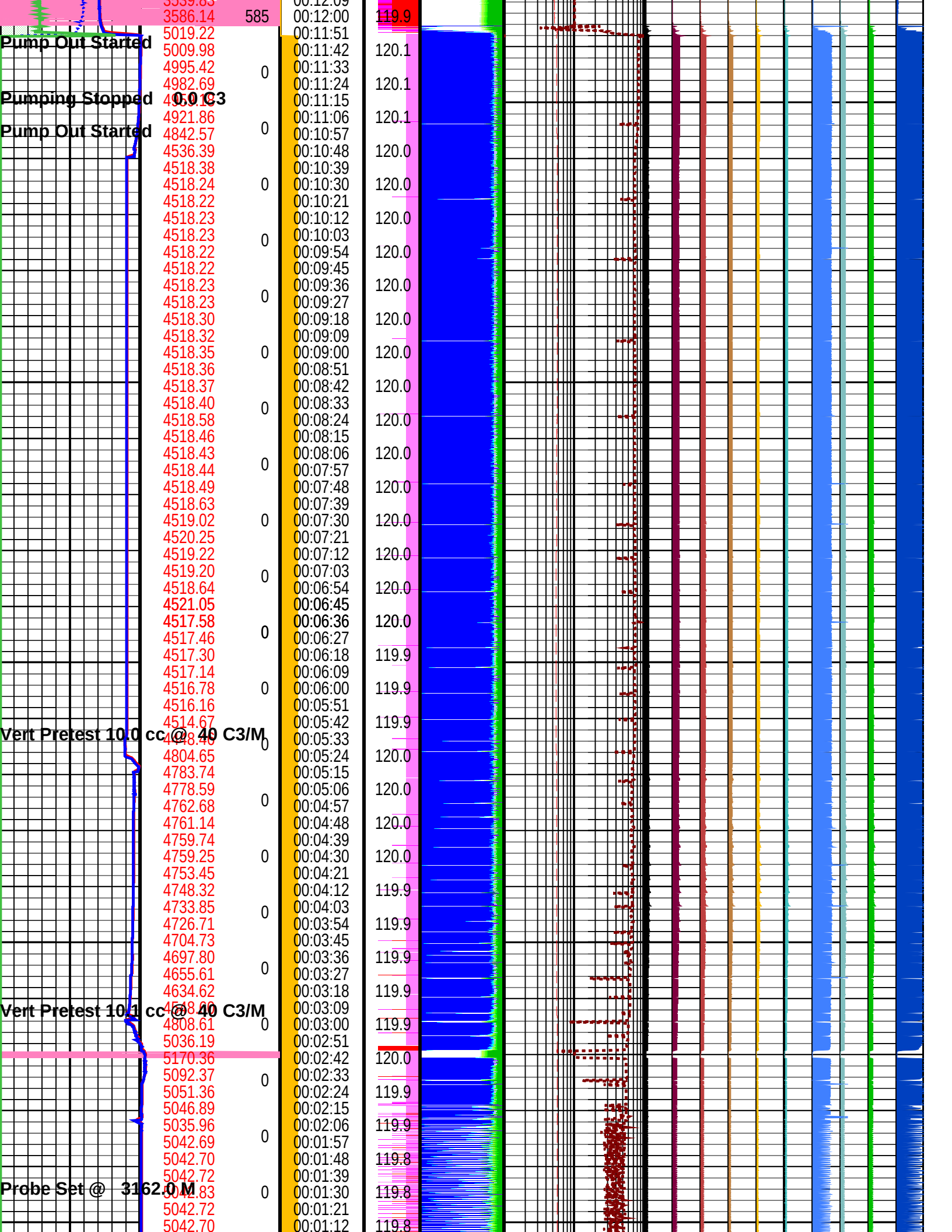
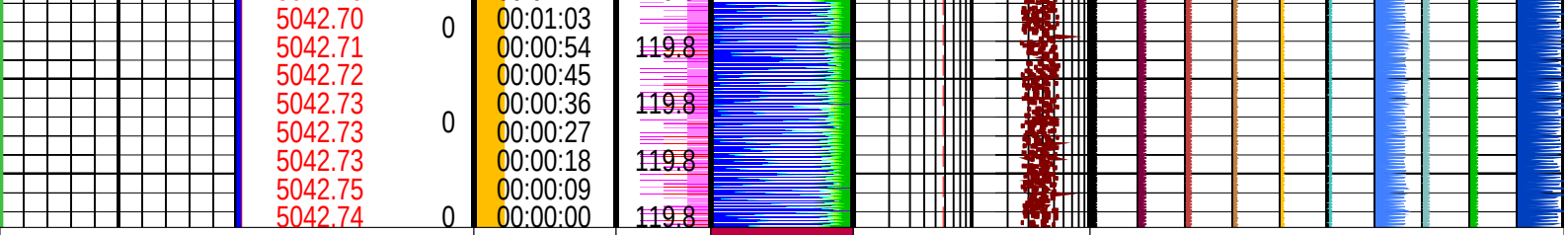

Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Vert Pretest 10.0 cc @ 40 C3/M
Vert Pretest 10.1 cc @ 40 C3/M
Probe Set @ 3162.0 M



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: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 26−Nov−2004 19:57

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_117LTP	FN:187	PRODUCER	26−Nov−2004 19:57
RT_BACKUP	MDT_OFA_117LTP	FN:188	PRODUCER	26−Nov−2004 19:56

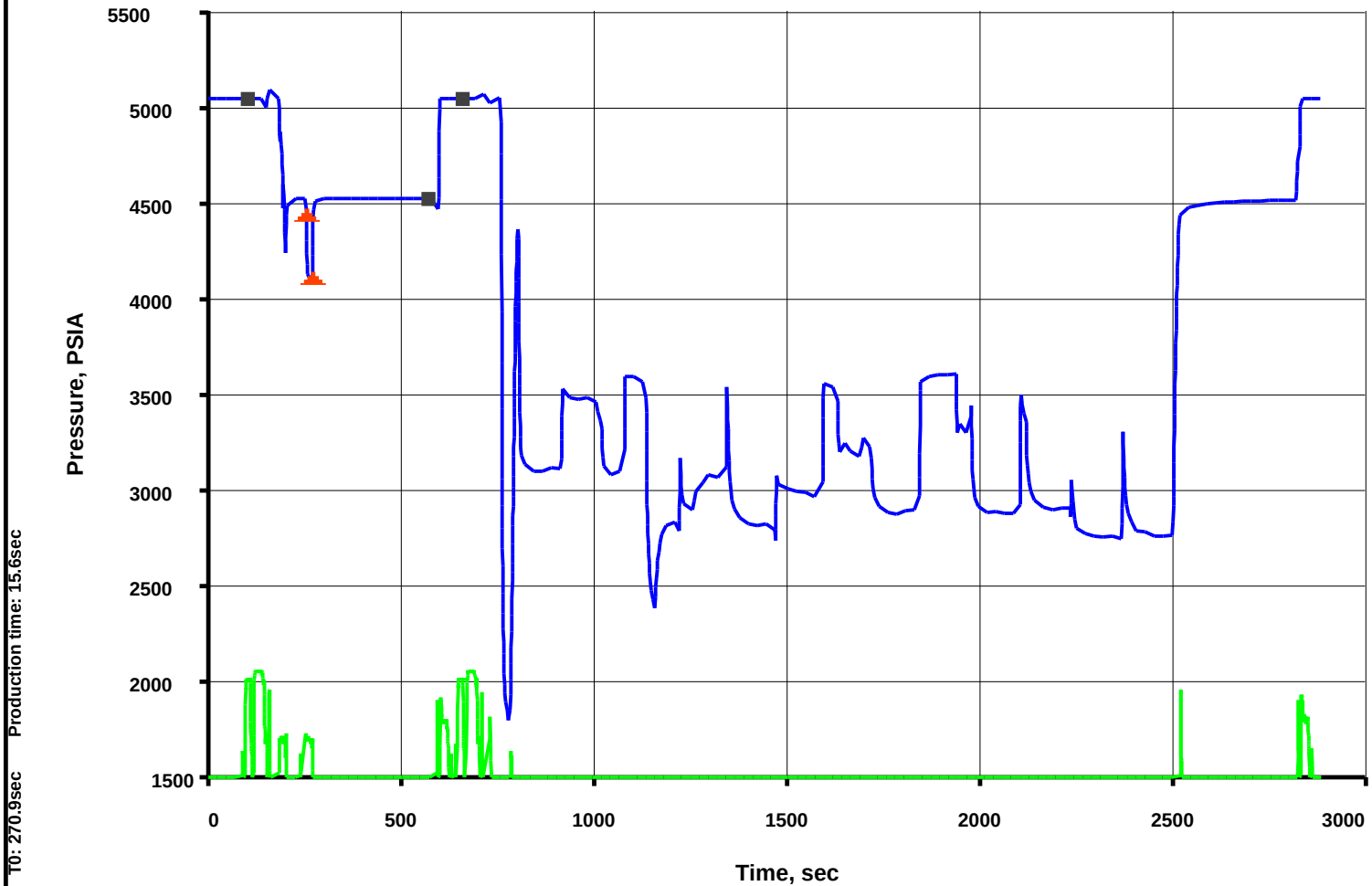
Schlumberger

Fluid analysis and pump out 3162 mMD (additional analysis)

MAXIS Field Log

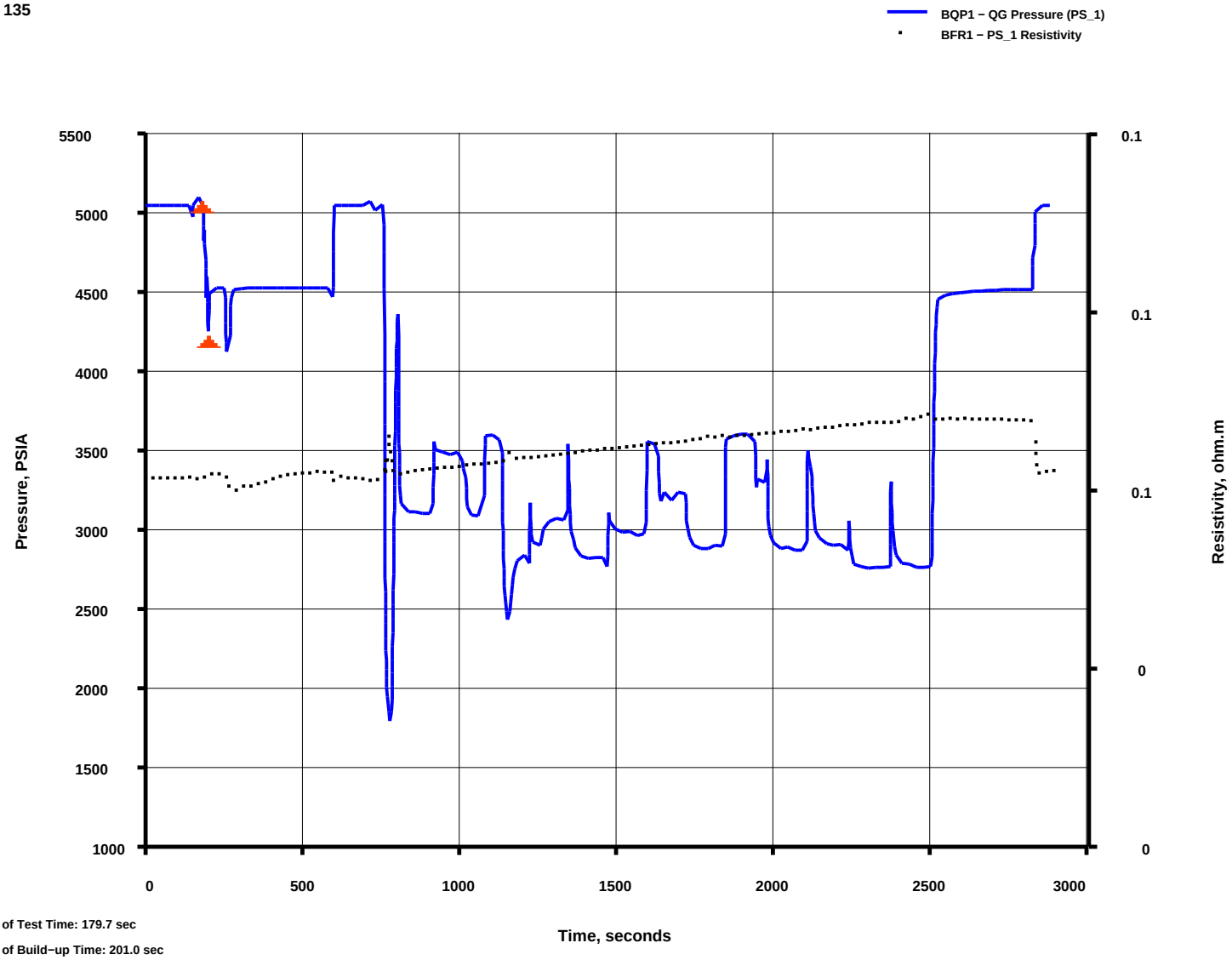
File 135 Depth, M: 3162.05 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5042.08
Mud Pressure after test, PSIA:	5042.12
Last build−up pressure, PSIA:	4517.85
Draw−down mobility, md/cp:	3.6



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

File 135



Start of Test Time: 179.7 sec

Start of Build−up Time: 201.0 sec

Reference pressure st start of build−up (BSG1) 5080.7 PSIG.

Input DLIS Files

MDT_OFA_135LTP 27−Nov−2004 18:02

Output DLIS Files

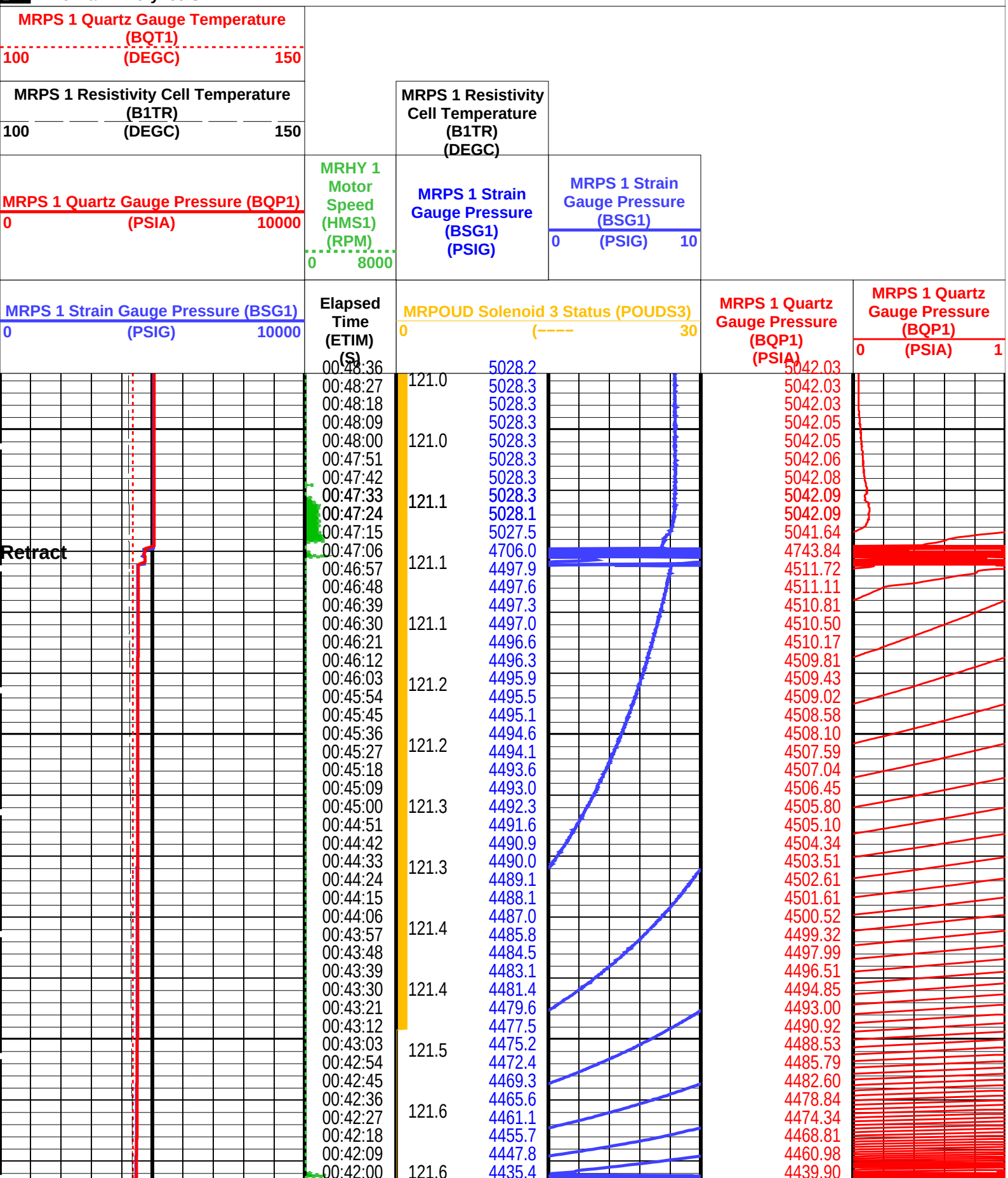
DEFAULT MDT_OFA_044PTP FN:43 PRODUCER 27−Nov−2004 21:28 3162.0 M 7.4 M

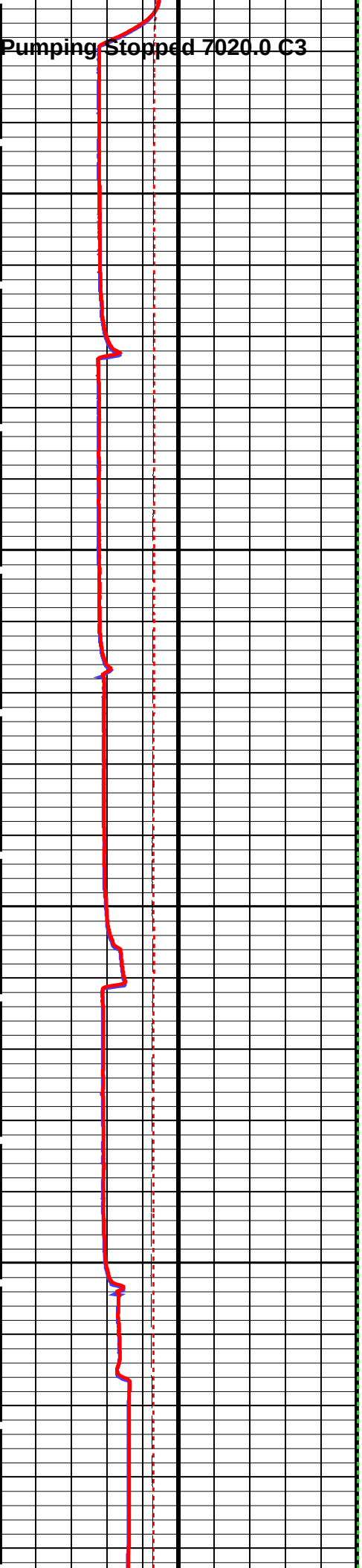
Elapsed Time (s)	Event Summary
2828.7	Retract Single Probe Module (MRPS) 1
2500.8	Pumping Stopped 7020.0 C3 Dual Up−down Pumpout Module (MRPOUD)
995.4	LFA Calibration
800.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
783.3	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
780.6	Auto Reset Single Probe Module (MRPS) 1
755.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
666.0	Probe Set @ 3162.0 M Single Probe Module (MRPS) 1
597.6	Retract Single Probe Module (MRPS) 1
249.6	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1

249.6	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
179.7	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
115.5	Probe Set @ 3162.0 M Single Probe Module (MRPS) 1

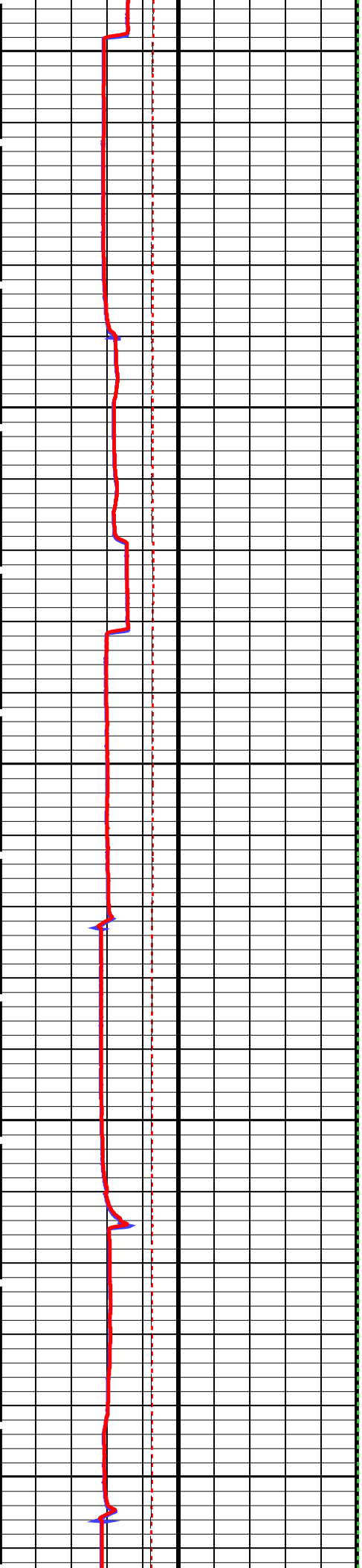
PIP SUMMARY

Time Mark Every 60 S

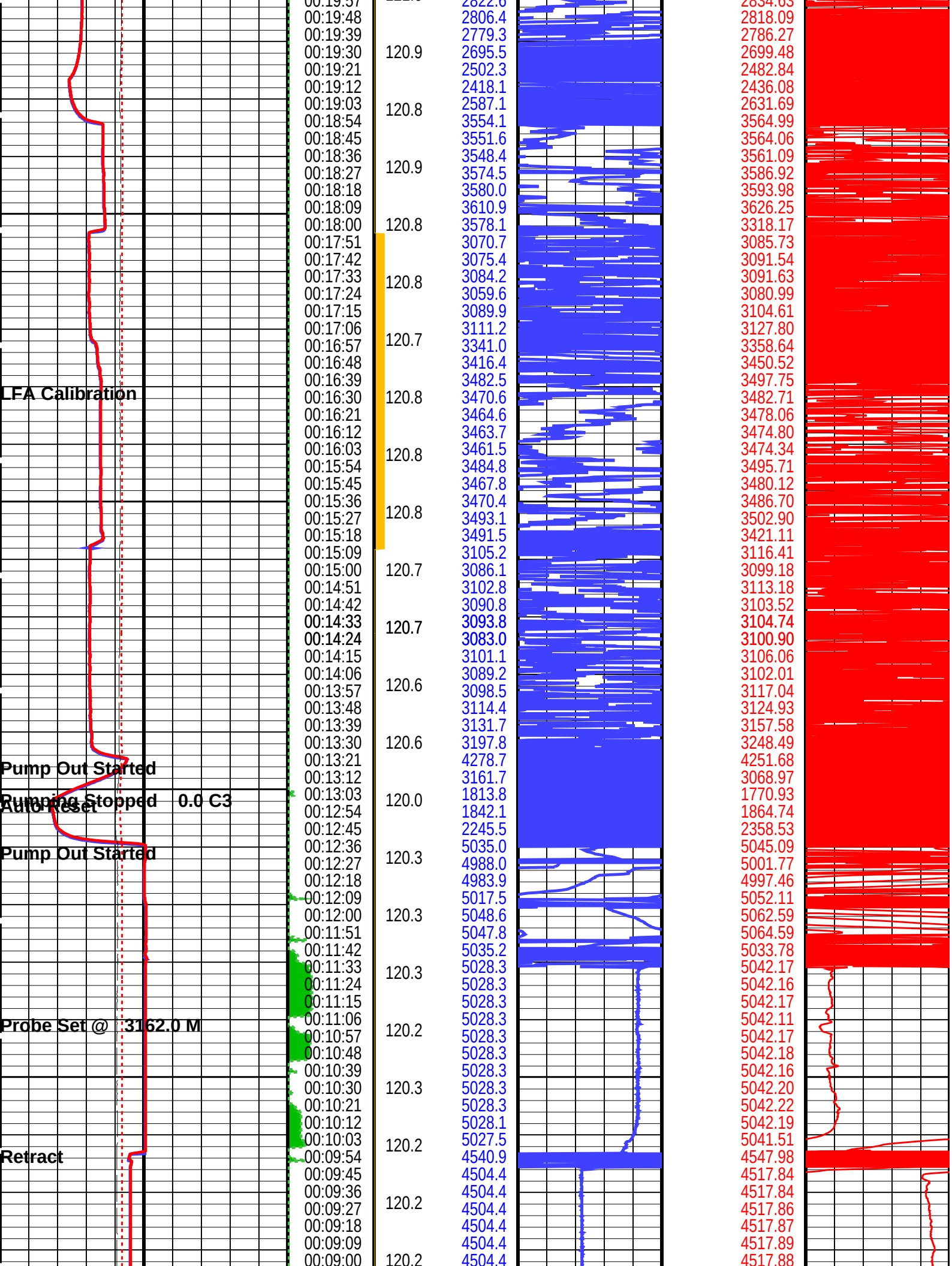


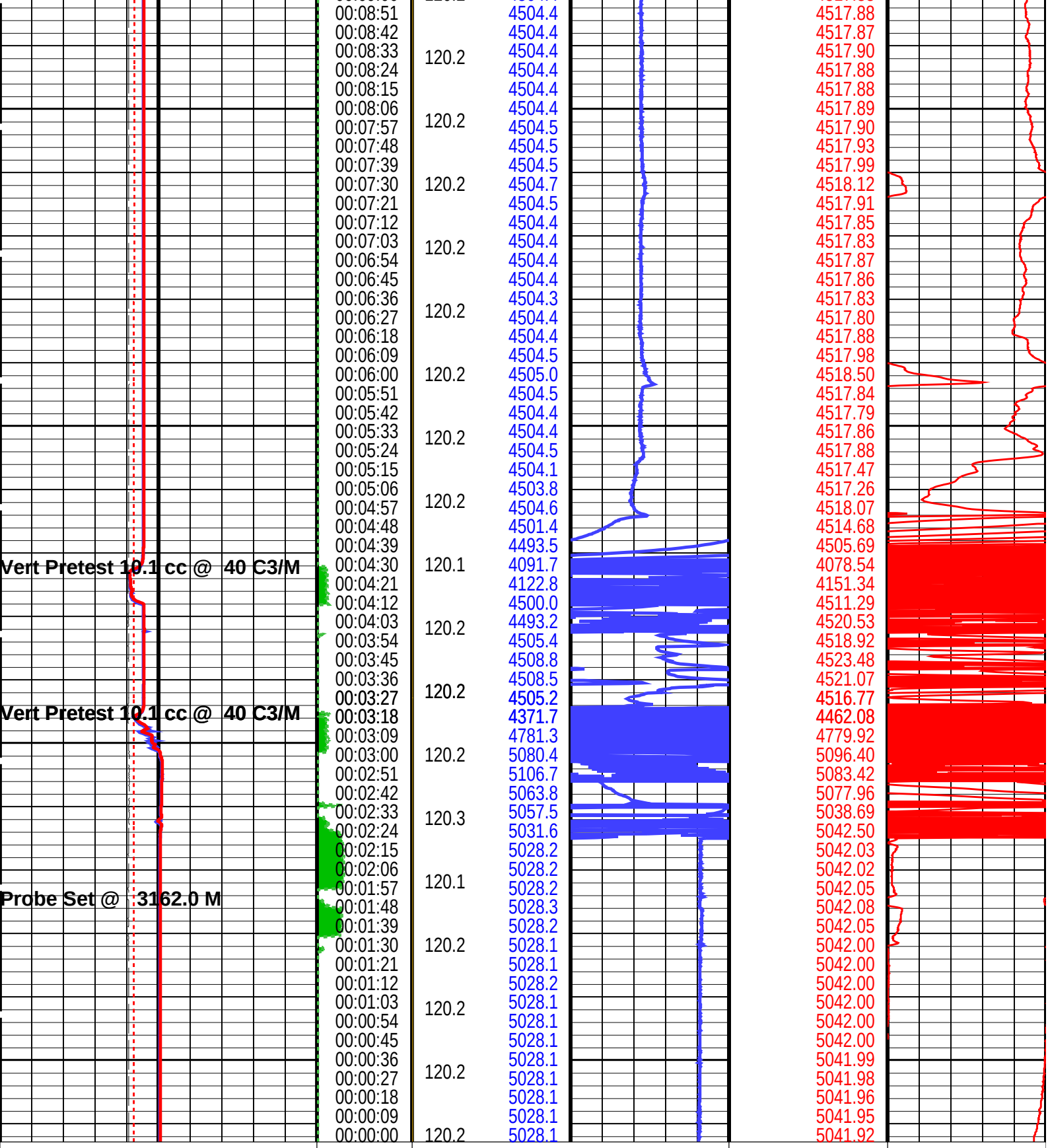


00:41:51		4058.9	4016.79
00:41:42		2972.2	2871.61
00:41:33	121.4	2753.6	2765.12
00:41:24		2746.1	2758.47
00:41:15		2748.0	2763.21
00:41:06		2754.7	2766.76
00:40:57	121.4	2752.3	2764.97
00:40:48		2749.1	2762.18
00:40:39		2760.0	2773.34
00:40:30	121.4	2769.8	2783.01
00:40:21		2768.4	2780.71
00:40:12		2777.9	2789.13
00:40:03	121.4	2784.0	2800.25
00:39:54		2808.5	2827.39
00:39:45		2854.8	2873.24
00:39:36		2999.9	3036.09
00:39:27	121.4	2723.5	2743.20
00:39:18		2737.7	2753.58
00:39:09		2742.8	2752.54
00:39:00	121.4	2743.8	2754.24
00:38:51		2736.2	2750.79
00:38:42		2748.6	2759.34
00:38:33	121.4	2738.8	2752.49
00:38:24		2746.7	2758.05
00:38:15		2747.3	2760.35
00:38:06		2747.8	2761.58
00:37:57	121.3	2754.9	2766.59
00:37:48		2756.5	2769.39
00:37:39		2774.9	2784.63
00:37:30	121.3	2786.0	2809.08
00:37:21		2919.8	2949.56
00:37:12		2890.7	2903.54
00:37:03	121.3	2886.1	2900.77
00:36:54		2889.0	2902.49
00:36:45		2886.4	2898.20
00:36:36		2888.9	2898.16
00:36:27	121.3	2884.7	2898.09
00:36:18		2886.1	2900.29
00:36:09		2891.2	2906.44
00:36:00	121.2	2896.1	2908.82
00:35:51		2905.7	2917.50
00:35:42		2936.6	2950.09
00:35:33	121.3	2975.9	2989.80
00:35:24		3110.4	3136.84
00:35:15		3380.5	3398.48
00:35:06		3486.1	3361.98
00:34:57	121.3	2853.0	2869.78
00:34:48		2863.9	2879.04
00:34:39		2859.3	2872.96
00:34:30	121.2	2859.4	2870.46
00:34:21		2856.4	2865.36
00:34:12		2862.8	2874.71
00:34:03	121.2	2874.8	2887.42
00:33:54		2871.8	2881.83
00:33:45		2877.0	2888.19
00:33:36		2870.1	2883.68
00:33:27	121.1	2873.1	2890.11
00:33:18		2899.4	2913.51
00:33:09		2932.8	2946.47
00:33:00	121.1	3098.1	3203.86
00:32:51		3292.4	3303.26
00:32:42		3307.1	3324.05
00:32:33	121.1	3319.5	3336.92
00:32:24		3261.0	3267.27
00:32:15		3597.8	3610.17
00:32:06		3584.4	3597.35
00:31:57	121.2	3584.6	3598.84
00:31:48		3584.9	3598.24
00:31:39		3586.7	3600.40
00:31:30	121.3	3588.0	3599.87
00:31:21		3585.5	3598.81
00:31:12		3580.2	3593.53
00:31:03	121.3	3564.4	3577.00



00:30:54		3550.8	3563.87
00:30:45		3417.5	3063.53
00:30:36		2882.6	2896.31
00:30:27	121.2	2883.1	2896.54
00:30:18		2882.9	2896.12
00:30:09		2879.3	2892.18
00:30:00	121.2	2869.7	2883.49
00:29:51		2867.4	2880.97
00:29:42		2857.8	2875.63
00:29:33	121.2	2858.1	2875.28
00:29:24		2871.8	2885.90
00:29:15		2870.8	2885.78
00:29:06		2888.3	2899.65
00:28:57	121.1	2910.7	2925.07
00:28:48		2952.5	2970.67
00:28:39		3202.7	3211.98
00:28:30	121.2	3222.0	3234.14
00:28:21		3275.2	3282.41
00:28:12		3189.7	3189.71
00:28:03	121.1	3159.0	3175.93
00:27:54		3172.5	3184.76
00:27:45		3186.3	3200.06
00:27:36		3248.6	3268.24
00:27:27	121.2	3200.3	3205.44
00:27:18		3174.2	3194.29
00:27:09		3527.8	3539.84
00:27:00	121.3	3521.4	3534.50
00:26:51		3537.1	3549.82
00:26:42		3556.7	3568.65
00:26:33		2969.7	2980.64
00:26:24	121.2	2952.4	2963.44
00:26:15		2951.2	2958.64
00:26:06		2948.4	2959.03
00:25:57	121.2	2968.9	2985.78
00:25:48		2974.9	2987.79
00:25:39		2977.6	2996.87
00:25:30	121.2	2982.3	2992.17
00:25:21		2978.2	2989.75
00:25:12		2974.1	2989.44
00:25:03	121.2	2997.5	3009.40
00:24:54		2982.8	3007.13
00:24:45		3003.4	3016.52
00:24:36		3027.6	3052.72
00:24:27	121.2	2800.7	2815.29
00:24:18		2808.6	2821.68
00:24:09		2806.4	2821.47
00:24:00	121.2	2808.9	2822.67
00:23:51		2808.0	2820.91
00:23:42		2801.8	2810.96
00:23:33	121.1	2808.7	2821.85
00:23:24		2807.2	2820.96
00:23:15		2814.8	2828.79
00:23:06		2822.0	2834.97
00:22:57	121.1	2839.8	2859.66
00:22:48		2867.2	2882.47
00:22:39		2977.4	2972.09
00:22:30	121.1	3099.9	3151.38
00:22:21		3035.4	3049.43
00:22:12		3046.4	3058.46
00:22:03	121.1	3044.4	3056.38
00:21:54		3066.3	3084.48
00:21:45		3045.9	3061.48
00:21:36		3062.2	3075.98
00:21:27	121.1	3047.5	3058.96
00:21:18		3004.7	3014.20
00:21:09		2992.4	3009.40
00:21:00	121.1	2929.2	2934.63
00:20:51		2896.2	2912.70
00:20:42		2892.1	2907.14
00:20:33	121.1	2907.0	2927.33
00:20:24		3214.5	3127.50
00:20:15		2822.7	2834.57
00:20:06		2827.4	2839.77
00:19:57	121.0	2822.6	2834.63


LFA Calibration
Pump Out Started
Pumping Stopped 0.0 C3
Auto Reset
Pump Out Started
Probe Set @ 3162.0 M
Retract



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		4504.4	4517.88	
00:08:42		4504.4	4517.87	
00:08:33	120.2	4504.4	4517.90	
00:08:24		4504.4	4517.88	
00:08:15		4504.4	4517.88	
00:08:06		4504.4	4517.89	
00:07:57	120.2	4504.5	4517.90	
00:07:48		4504.5	4517.93	
00:07:39		4504.5	4517.99	
00:07:30	120.2	4504.7	4518.12	
00:07:21		4504.5	4517.91	
00:07:12		4504.4	4517.85	
00:07:03	120.2	4504.4	4517.83	
00:06:54		4504.4	4517.87	
00:06:45		4504.4	4517.86	
00:06:36		4504.3	4517.83	
00:06:27	120.2	4504.4	4517.80	
00:06:18		4504.4	4517.88	
00:06:09		4504.5	4517.98	
00:06:00	120.2	4505.0	4518.50	
00:05:51		4504.5	4517.84	
00:05:42		4504.4	4517.79	
00:05:33	120.2	4504.4	4517.86	
00:05:24		4504.5	4517.88	
00:05:15		4504.1	4517.47	
00:05:06		4503.8	4517.26	
00:04:57	120.2	4504.6	4518.07	
00:04:48		4501.4	4514.68	
00:04:39		4493.5	4505.69	
00:04:30	120.1	4091.7	4078.54	
00:04:21		4122.8	4151.34	
00:04:12		4500.0	4511.29	
00:04:03	120.2	4493.2	4520.53	
00:03:54		4505.4	4518.92	
00:03:45		4508.8	4523.48	
00:03:36		4508.5	4521.07	
00:03:27	120.2	4505.2	4516.77	
00:03:18		4371.7	4462.08	
00:03:09		4781.3	4779.92	
00:03:00	120.2	5080.4	5096.40	
00:02:51		5106.7	5083.42	
00:02:42		5063.8	5077.96	
00:02:33	120.3	5057.5	5038.69	
00:02:24		5031.6	5042.50	
00:02:15		5028.2	5042.03	
00:02:06		5028.2	5042.02	
00:01:57	120.1	5028.2	5042.05	
00:01:48		5028.3	5042.08	
00:01:39		5028.2	5042.05	
00:01:30	120.2	5028.1	5042.00	
00:01:21		5028.1	5042.00	
00:01:12		5028.2	5042.00	
00:01:03	120.2	5028.1	5042.00	
00:00:54		5028.1	5042.00	
00:00:45		5028.1	5042.00	
00:00:36	120.2	5028.1	5041.99	
00:00:27		5028.1	5041.98	
00:00:18		5028.1	5041.96	
00:00:09		5028.1	5041.95	
00:00:00	120.2	5028.1	5041.92	

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

MRPS 1 Resistivity

(B1TR)
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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 21:28

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

27−Nov−2004 18:02

Output DLIS Files

DEFAULT	MDT_OFA_044PTP	FN:43	PRODUCER	27−Nov−2004 21:28

Input DLIS Files

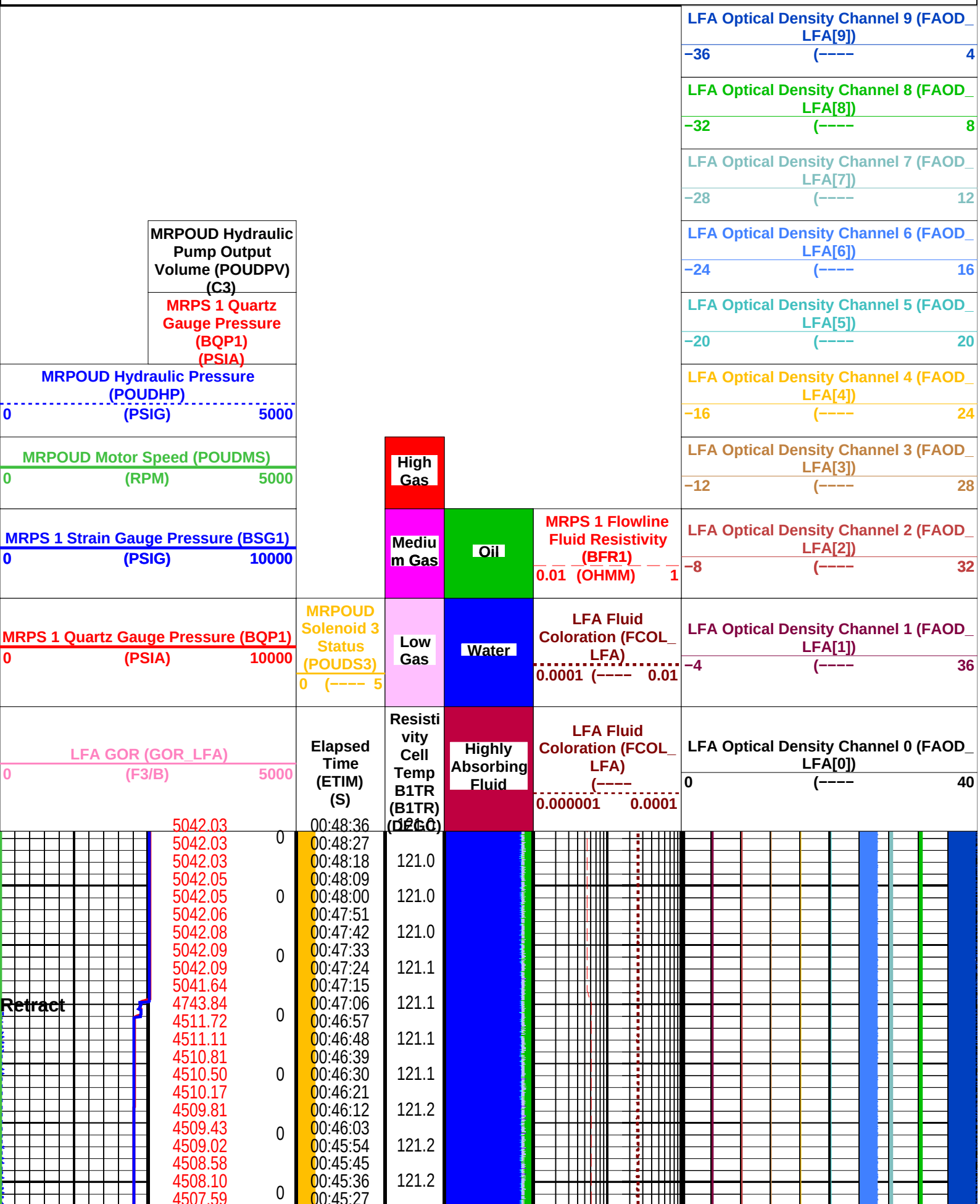
27−Nov−2004 18:02

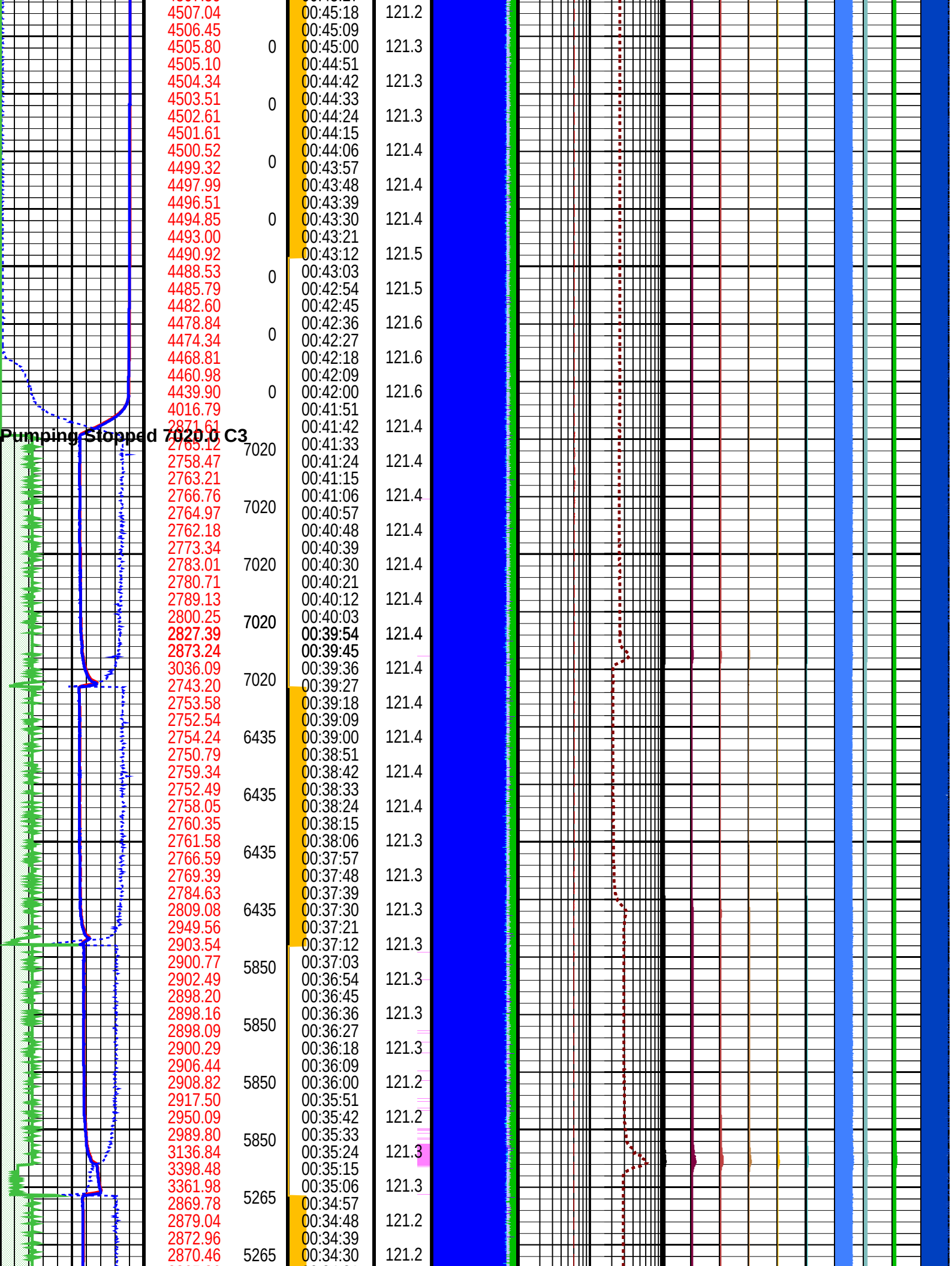
Output DLIS Files

DEFAULT	MDT_OFA_044PTP	FN:43	PRODUCER	27−Nov−2004 21:28	3162.0 M	7.4 M

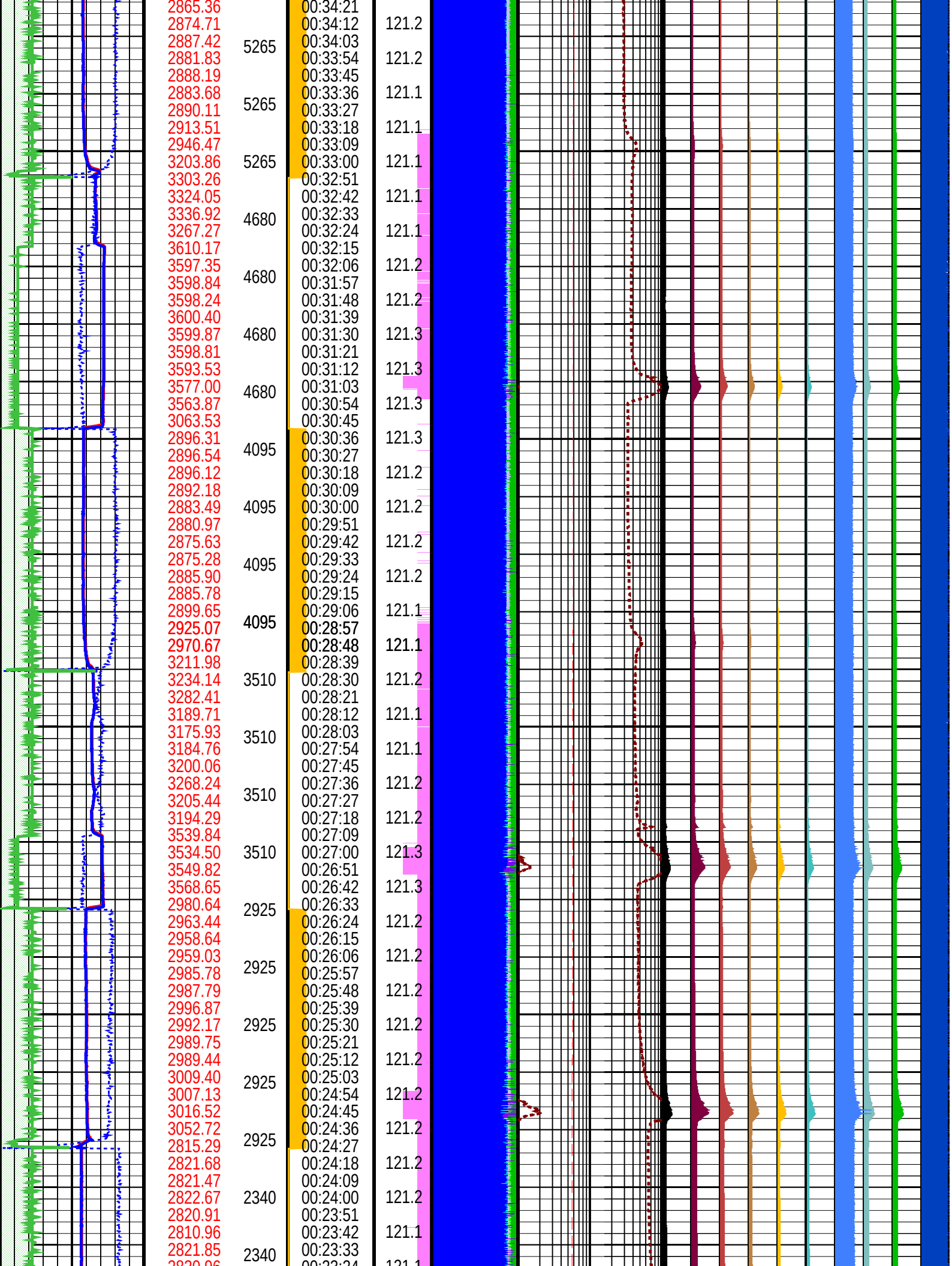
Elapsed Time (s)	Event Summary
2828.7	Retract Single Probe Module (MRPS) 1
2500.8	Pumping Stopped 7020.0 C3 Dual Up−down Pumpout Module (MRPOUD)
995.4	LFA Calibration
800.1	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
783.3	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
780.6	Auto Reset Single Probe Module (MRPS) 1
755.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
666.0	Probe Set @ 3162.0 M Single Probe Module (MRPS) 1
597.6	Retract Single Probe Module (MRPS) 1
249.6	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1

179.7	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
115.5	Probe Set @ 3162.0 M Single Probe Module (MRPS) 1

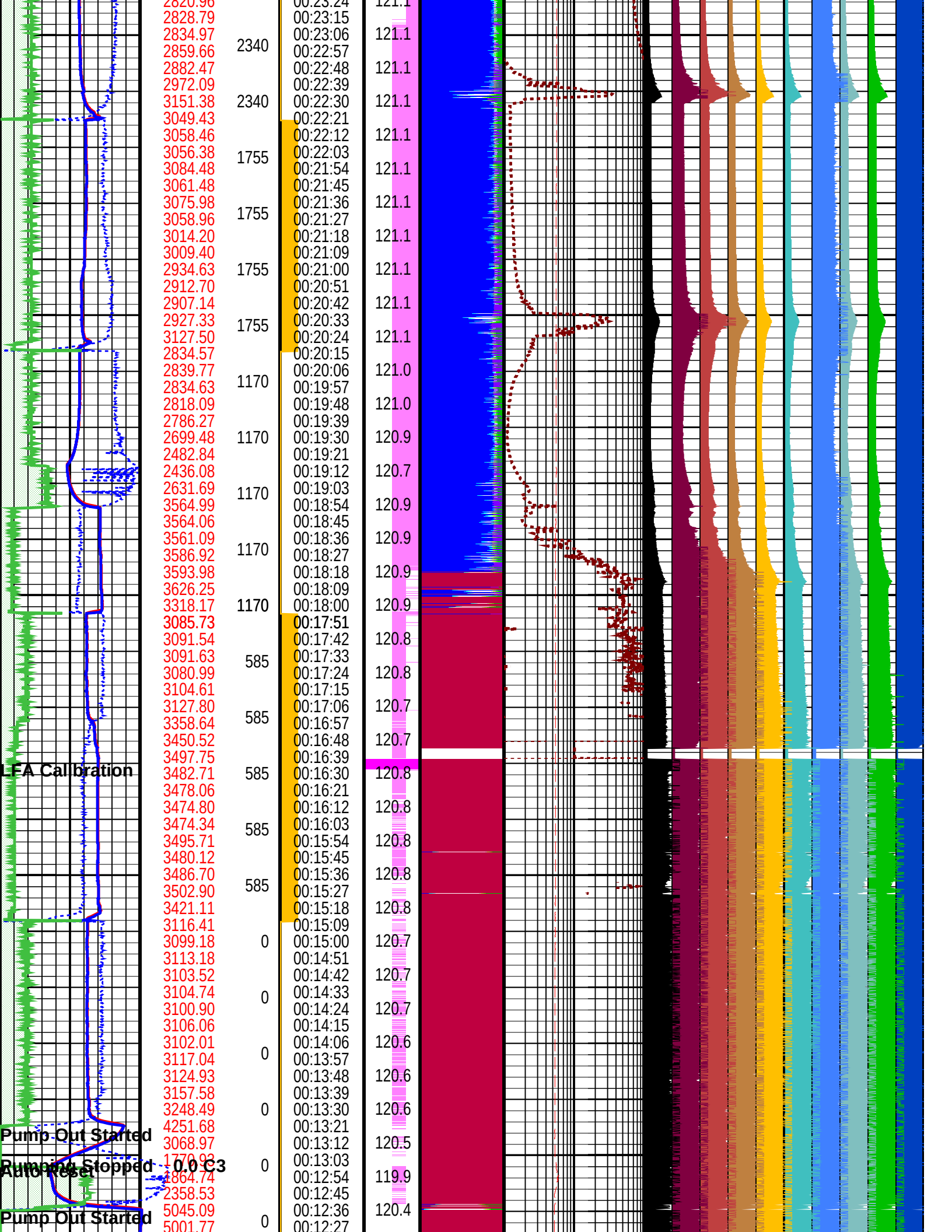


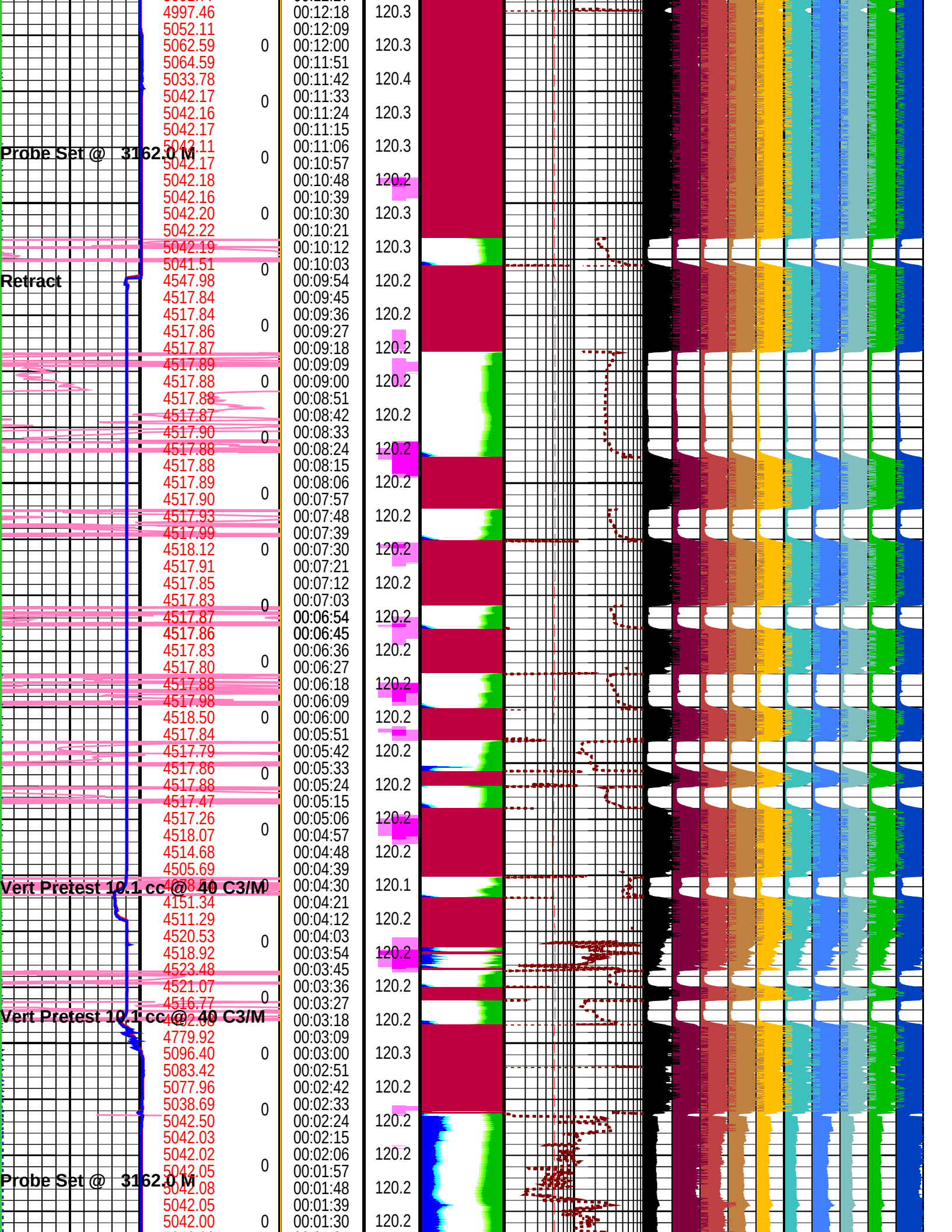


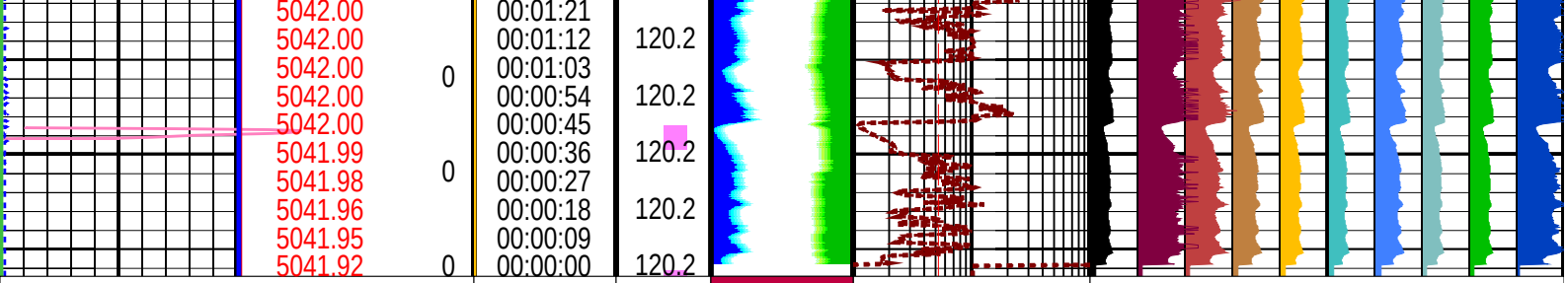
4507.04		00:45:18	121.2
4506.45		00:45:09	
4505.80	0	00:45:00	121.3
4505.10		00:44:51	
4504.34		00:44:42	121.3
4503.51	0	00:44:33	
4502.61		00:44:24	121.3
4501.61		00:44:15	
4500.52		00:44:06	121.4
4499.32	0	00:43:57	
4497.99		00:43:48	121.4
4496.51		00:43:39	
4494.85	0	00:43:30	121.4
4493.00		00:43:21	
4490.92		00:43:12	121.5
4488.53	0	00:43:03	
4485.79		00:42:54	121.5
4482.60		00:42:45	
4478.84		00:42:36	121.6
4474.34	0	00:42:27	
4468.81		00:42:18	121.6
4460.98		00:42:09	
4439.90	0	00:42:00	121.6
4016.79		00:41:51	
2871.61		00:41:42	121.4
2765.12	7020	00:41:33	
2758.47		00:41:24	121.4
2763.21		00:41:15	
2766.76		00:41:06	121.4
2764.97	7020	00:40:57	
2762.18		00:40:48	121.4
2773.34		00:40:39	
2783.01	7020	00:40:30	121.4
2780.71		00:40:21	
2789.13		00:40:12	121.4
2800.25	7020	00:40:03	
2827.39		00:39:54	121.4
2873.24		00:39:45	
3036.09		00:39:36	121.4
2743.20	7020	00:39:27	
2753.58		00:39:18	121.4
2752.54		00:39:09	
2754.24	6435	00:39:00	121.4
2750.79		00:38:51	
2759.34		00:38:42	121.4
2752.49	6435	00:38:33	
2758.05		00:38:24	121.4
2760.35		00:38:15	
2761.58		00:38:06	121.3
2766.59	6435	00:37:57	
2769.39		00:37:48	121.3
2784.63		00:37:39	
2809.08	6435	00:37:30	121.3
2949.56		00:37:21	
2903.54		00:37:12	121.3
2900.77	5850	00:37:03	
2902.49		00:36:54	121.3
2898.20		00:36:45	
2898.16		00:36:36	121.3
2898.09	5850	00:36:27	
2900.29		00:36:18	121.3
2906.44		00:36:09	
2908.82	5850	00:36:00	121.2
2917.50		00:35:51	
2950.09		00:35:42	121.2
2989.80	5850	00:35:33	
3136.84		00:35:24	121.3
3398.48		00:35:15	
3361.98		00:35:06	121.3
2869.78	5265	00:34:57	
2879.04		00:34:48	121.2
2872.96		00:34:39	
2870.46	5265	00:34:30	121.2



2865.36		00:34:21	
2874.71		00:34:12	121.2
2887.42	5265	00:34:03	
2881.83		00:33:54	121.2
2888.19		00:33:45	
2883.68	5265	00:33:36	121.1
2890.11		00:33:27	
2913.51		00:33:18	121.1
2946.47		00:33:09	
3203.86	5265	00:33:00	121.1
3303.26		00:32:51	
3324.05		00:32:42	121.1
3336.92	4680	00:32:33	
3267.27		00:32:24	121.1
3610.17		00:32:15	
3597.35	4680	00:32:06	121.2
3598.84		00:31:57	
3598.24		00:31:48	121.2
3600.40		00:31:39	
3599.87	4680	00:31:30	121.3
3598.81		00:31:21	
3593.53		00:31:12	121.3
3577.00	4680	00:31:03	
3563.87		00:30:54	121.3
3063.53		00:30:45	
2896.31	4095	00:30:36	121.3
2896.54		00:30:27	
2896.12		00:30:18	121.2
2892.18		00:30:09	
2883.49	4095	00:30:00	121.2
2880.97		00:29:51	
2875.63		00:29:42	121.2
2875.28	4095	00:29:33	
2885.90		00:29:24	121.2
2885.78		00:29:15	
2899.65		00:29:06	121.1
2925.07	4095	00:28:57	
2970.67		00:28:48	121.1
3211.98		00:28:39	
3234.14	3510	00:28:30	121.2
3282.41		00:28:21	
3189.71		00:28:12	121.1
3175.93	3510	00:28:03	
3184.76		00:27:54	121.1
3200.06		00:27:45	
3268.24	3510	00:27:36	121.2
3205.44		00:27:27	
3194.29		00:27:18	121.2
3539.84		00:27:09	
3534.50	3510	00:27:00	121.3
3549.82		00:26:51	
3568.65		00:26:42	121.3
2980.64	2925	00:26:33	
2963.44		00:26:24	121.2
2958.64		00:26:15	
2959.03	2925	00:26:06	121.2
2985.78		00:25:57	
2987.79		00:25:48	121.2
2996.87		00:25:39	
2992.17	2925	00:25:30	121.2
2989.75		00:25:21	
2989.44		00:25:12	121.2
3009.40	2925	00:25:03	
3007.13		00:24:54	121.2
3016.52		00:24:45	
3052.72	2925	00:24:36	121.2
2815.29		00:24:27	
2821.68		00:24:18	121.2
2821.47		00:24:09	
2822.67	2340	00:24:00	121.2
2820.91		00:23:51	
2810.96		00:23:42	121.1
2821.85	2340	00:23:33	
2820.06		00:23:24	121.1


LFA Calibration
Pump Out Started
Pumping Stopped
Auto Reset
0.0 C3
Pump Out Started


Probe Set @ 3162.0 M
Retract
Vert Pretest 10.1 cc @ 40 C3/M
Vert Pretest 10.1 cc @ 40 C3/M
Probe Set @ 3162.0 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)

MRPOUD Hydraulic Pump Output Volume (POUDPV) (C3)

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: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M
System and Miscellaneous			
PP	Playback Processing	NORMAL	

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 27−Nov−2004 21:28

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Input DLIS Files

27−Nov−2004 18:02

Output DLIS Files

DEFAULT MDT_OFA_044PTP FN:43 PRODUCER 27−Nov−2004 21:28

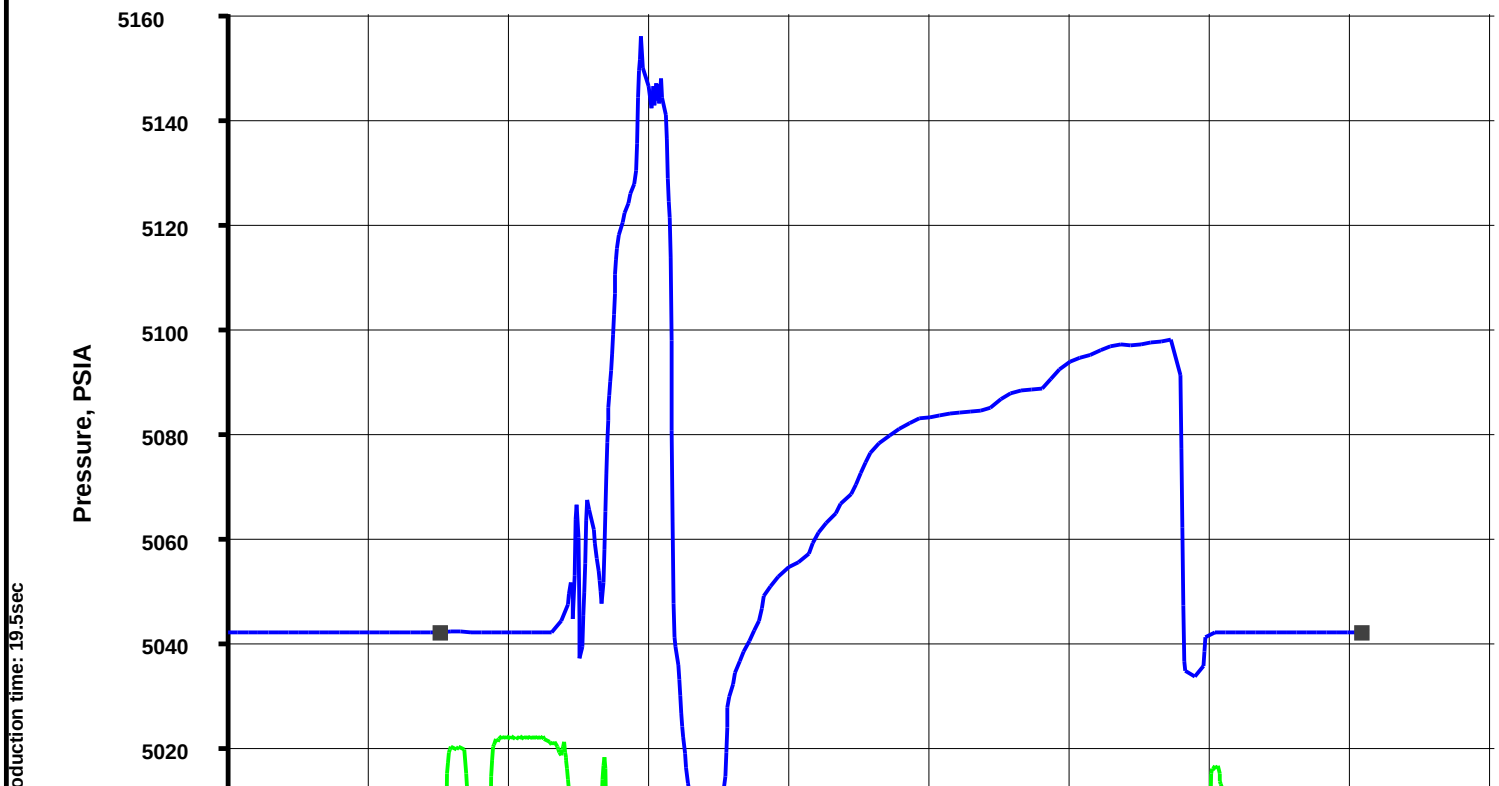
Schlumberger

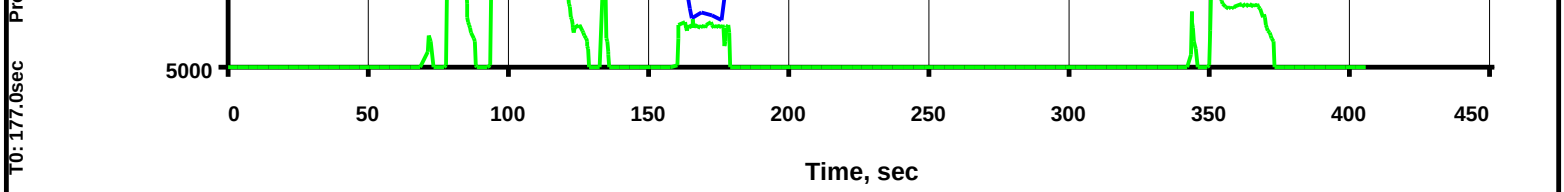
Pretest @ 3162.0mMD

MAXIS Field Log

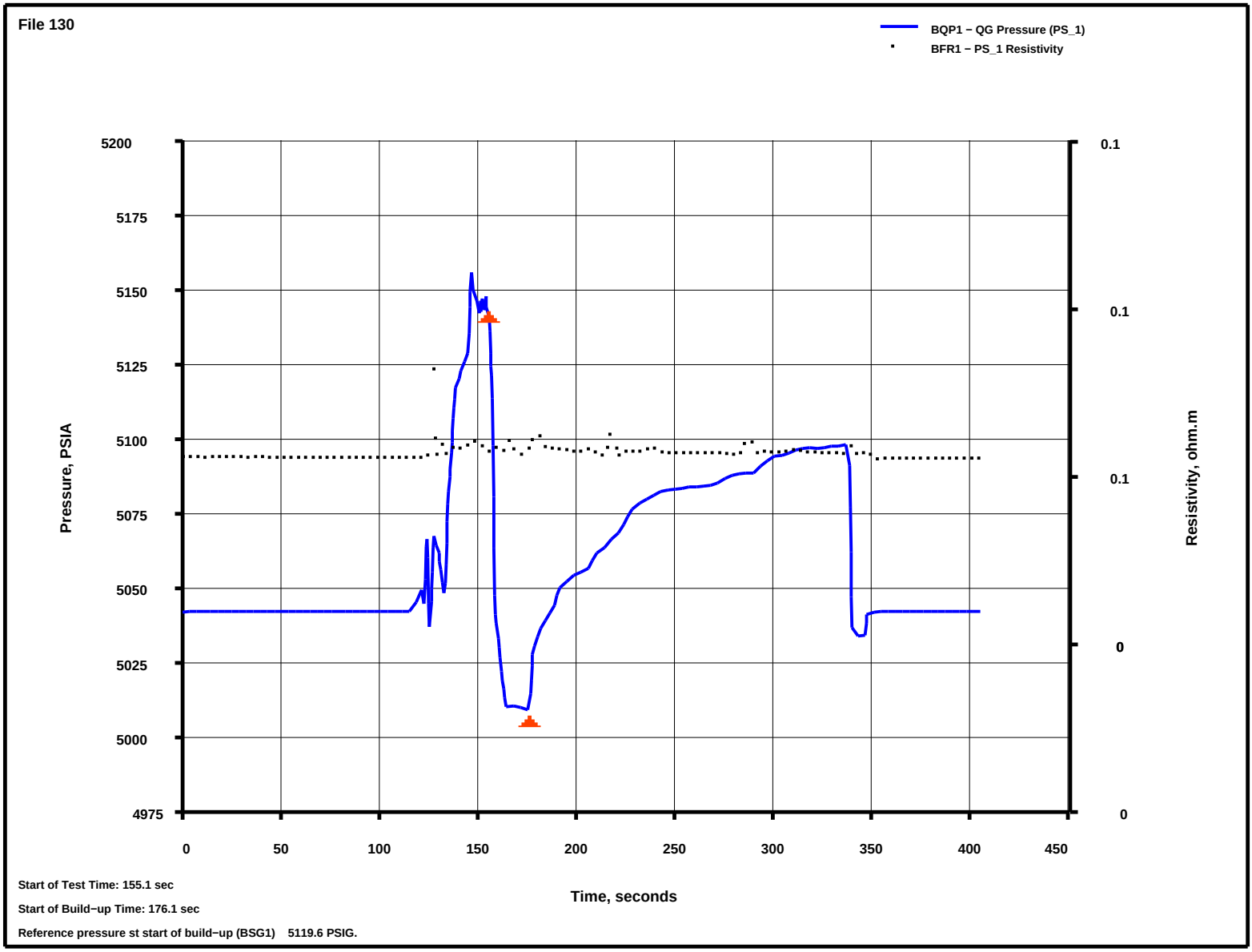
File 130 Depth, M: 3162.18 Lost Seal − Large−Diameter probe

Mud Pressure before test, PSIA: 5042.22
Mud Pressure after test, PSIA: 5042.2





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



Output DLIS Files

DEFAULT	MDT_OFA_130LTP	FN:213	PRODUCER	27−Nov−2004 02:55	3162.2 M	1.1 M
RT_BACKUP	MDT_OFA_130LTP	FN:214	PRODUCER	27−Nov−2004 02:54	3162.2 M	1.1 M

Elapsed Time (s)	Event Summary
344.7	Retract Single Probe Module (MRPS) 1
155.1	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
88.8	Probe Set @ 3162.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

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

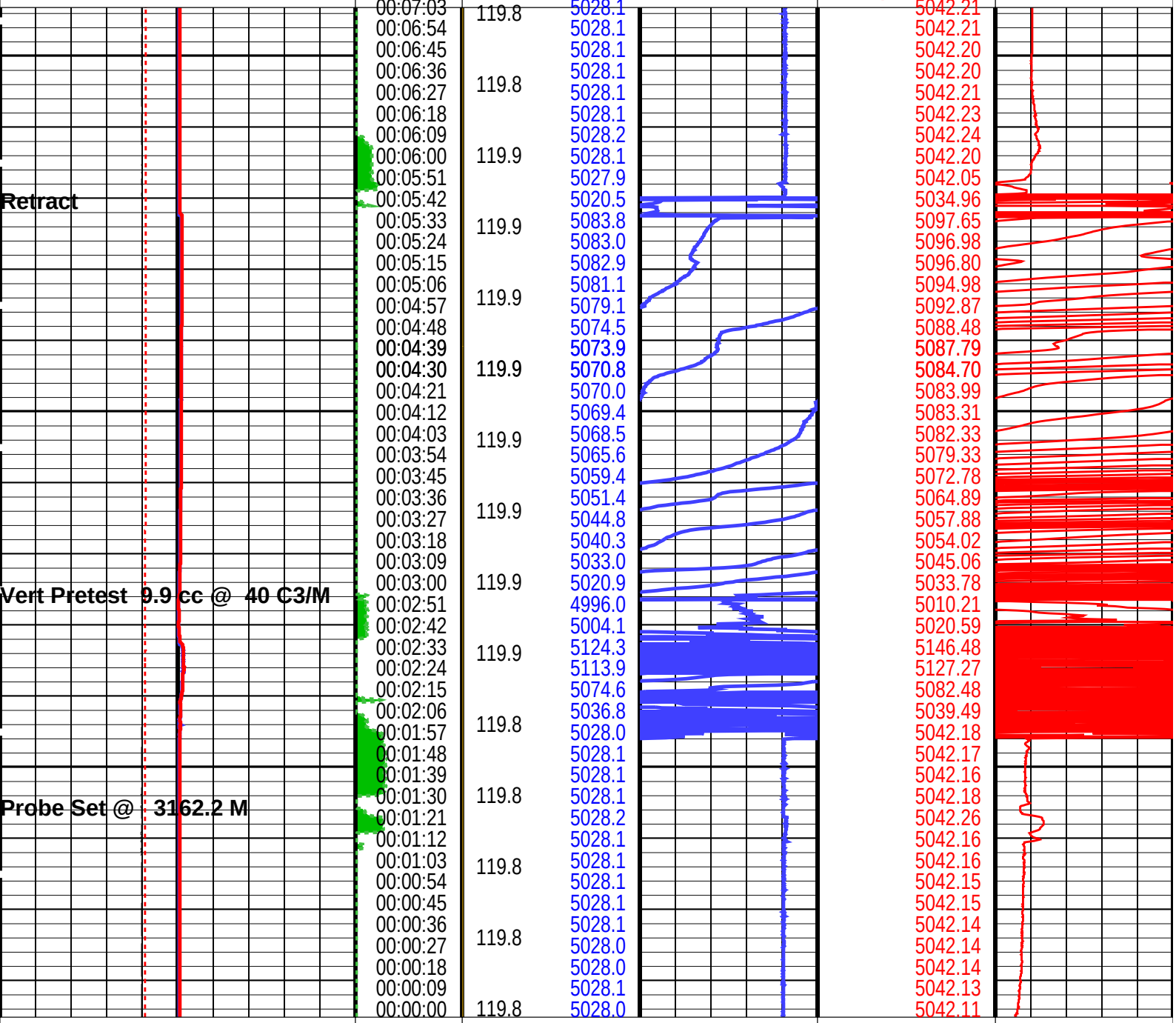
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10000

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)
00:07:03	119.8	5028.1	5042.21
00:06:54		5028.1	5042.21
00:06:45		5028.1	5042.20
00:06:36	119.8	5028.1	5042.20
00:06:27		5028.1	5042.21
00:06:18		5028.1	5042.23
00:06:09	119.9	5028.2	5042.24
00:06:00		5028.1	5042.20
00:05:51		5027.9	5042.05
00:05:42		5020.5	5034.96
00:05:33	119.9	5083.8	5097.65
00:05:24		5083.0	5096.98
00:05:15		5082.9	5096.80
00:05:06	119.9	5081.1	5094.98
00:04:57		5079.1	5092.87
00:04:48		5074.5	5088.48
00:04:39	119.9	5073.9	5087.79
00:04:30		5070.8	5084.70
00:04:21		5070.0	5083.99
00:04:12	119.9	5069.4	5083.31
00:04:03		5068.5	5082.33
00:03:54		5065.6	5079.33
00:03:45	119.9	5059.4	5072.78
00:03:36		5051.4	5064.89
00:03:27		5044.8	5057.88
00:03:18		5040.3	5054.02
00:03:09	119.9	5033.0	5045.06
00:03:00		5020.9	5033.78
00:02:51		4996.0	5010.21
00:02:42	119.9	5004.1	5020.59
00:02:33		5124.3	5146.48
00:02:24		5113.9	5127.27
00:02:15	119.8	5074.6	5082.48
00:02:06		5036.8	5039.49
00:01:57		5028.0	5042.18
00:01:48	119.8	5028.1	5042.17
00:01:39		5028.1	5042.16
00:01:30		5028.1	5042.18
00:01:21		5028.2	5042.26
00:01:12	119.8	5028.1	5042.16
00:01:03		5028.1	5042.16
00:00:54		5028.1	5042.15
00:00:45	119.8	5028.1	5042.15
00:00:36		5028.1	5042.14
00:00:27		5028.0	5042.14
00:00:18		5028.0	5042.14
00:00:09		5028.1	5042.13
00:00:00	119.8	5028.0	5042.11

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)	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: 27−Nov−2004 02:55

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_130LTP	FN:213	PRODUCER	27−Nov−2004 02:55
RT_BACKUP	MDT_OFA_130LTP	FN:214	PRODUCER	27−Nov−2004 02:54

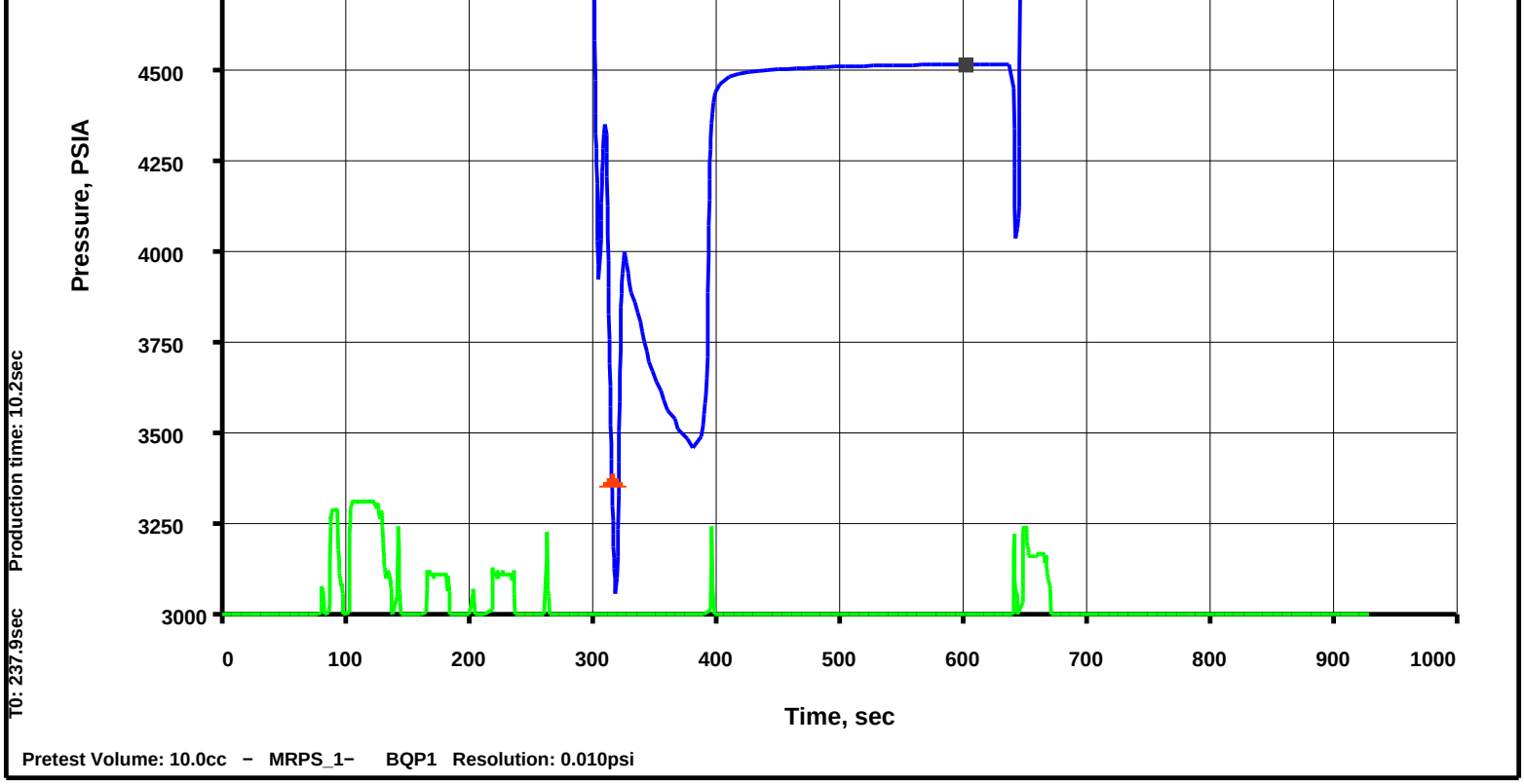
Schlumberger

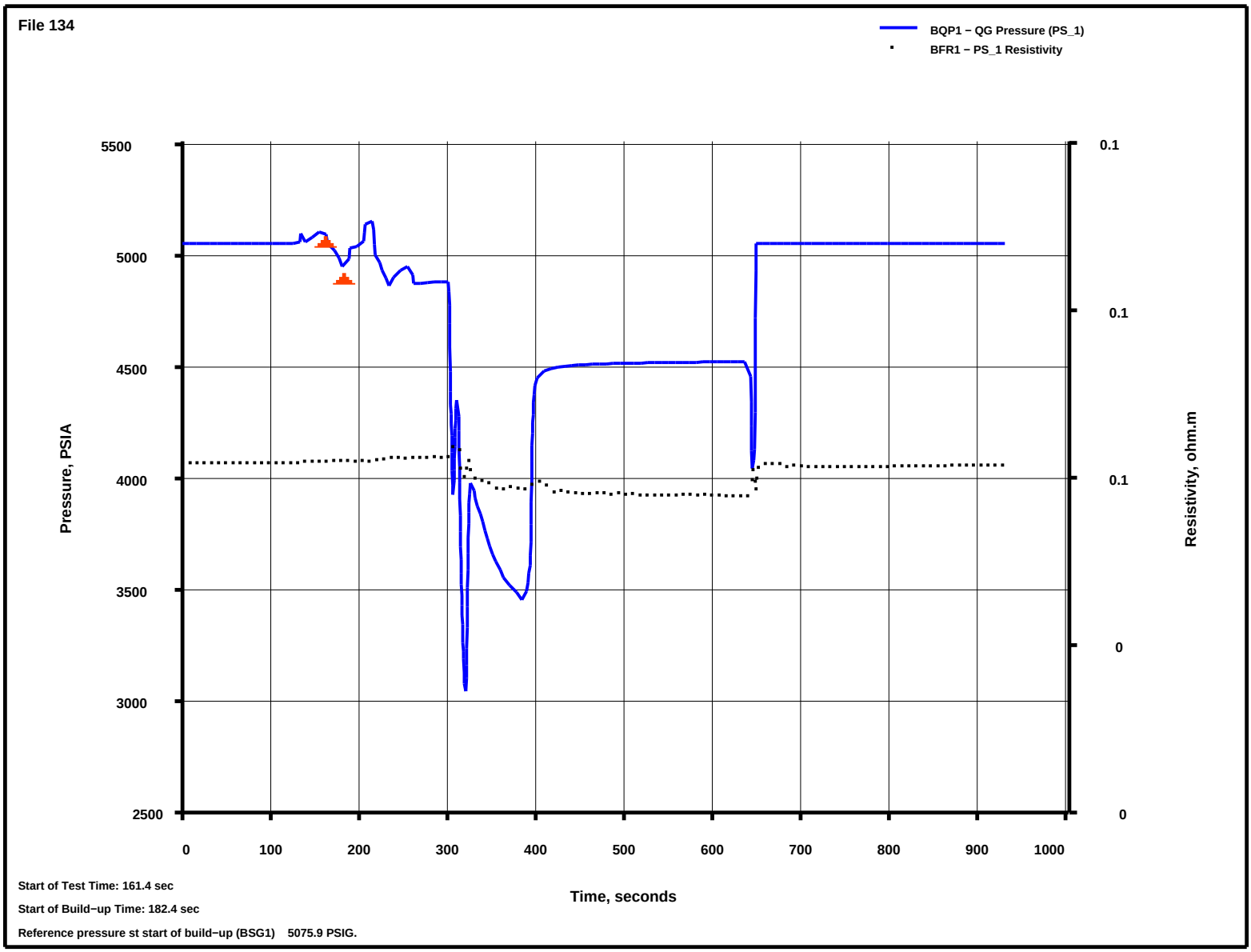
Pretest @ 3162.3 mMD

MAXIS Field Log

File 134 Depth, M: 3162.34 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5042.72
Mud Pressure after test, PSIA:	5042.44
Last build−up pressure, PSIA:	4513.4
Draw−down mobility, md/cp:	0.3





Input DLIS Files

Output DLIS Files

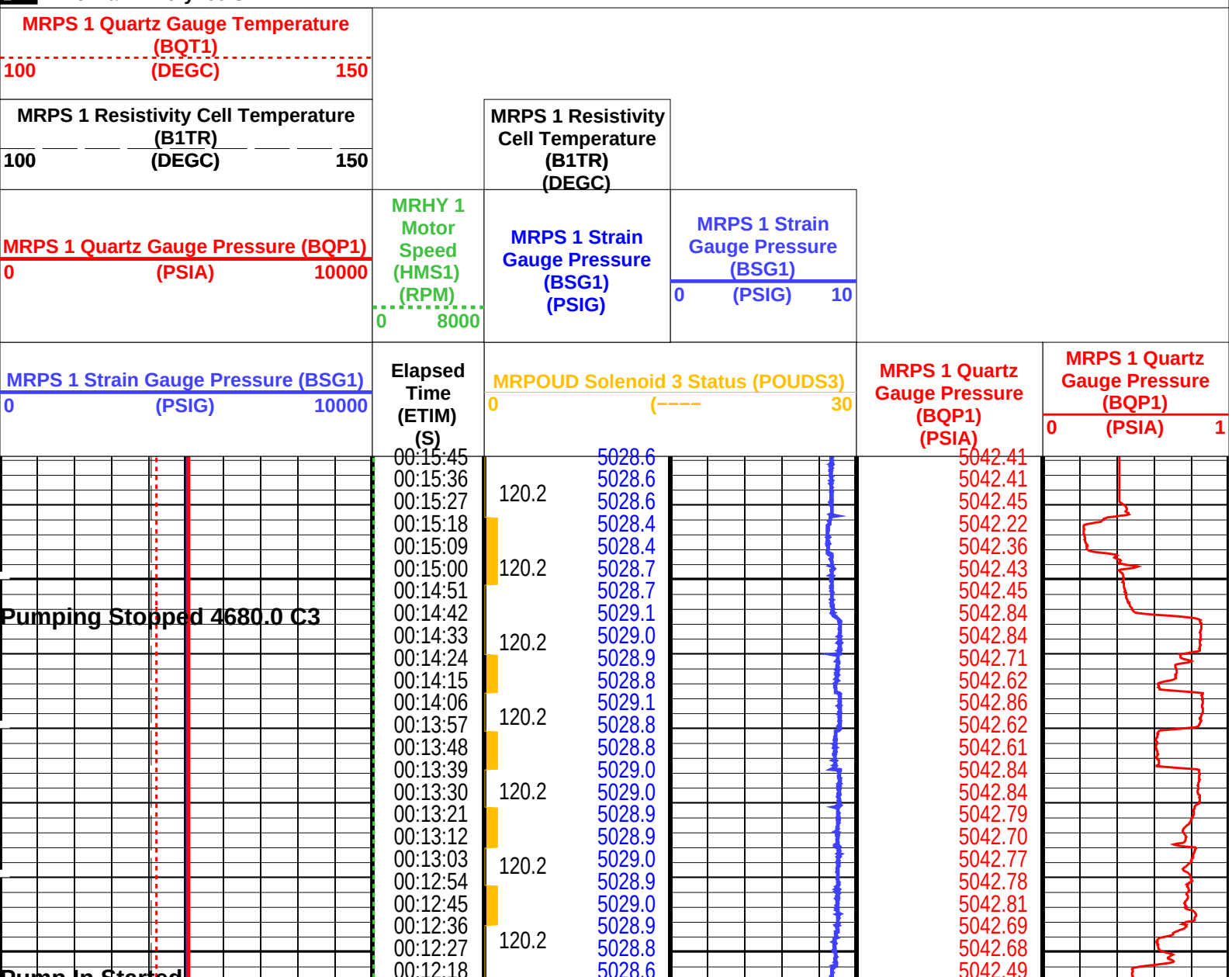
DEFAULT	MDT_OFA_043PTP	FN:42	PRODUCER	27−Nov−2004 21:16	3162.3 M	2.4 M

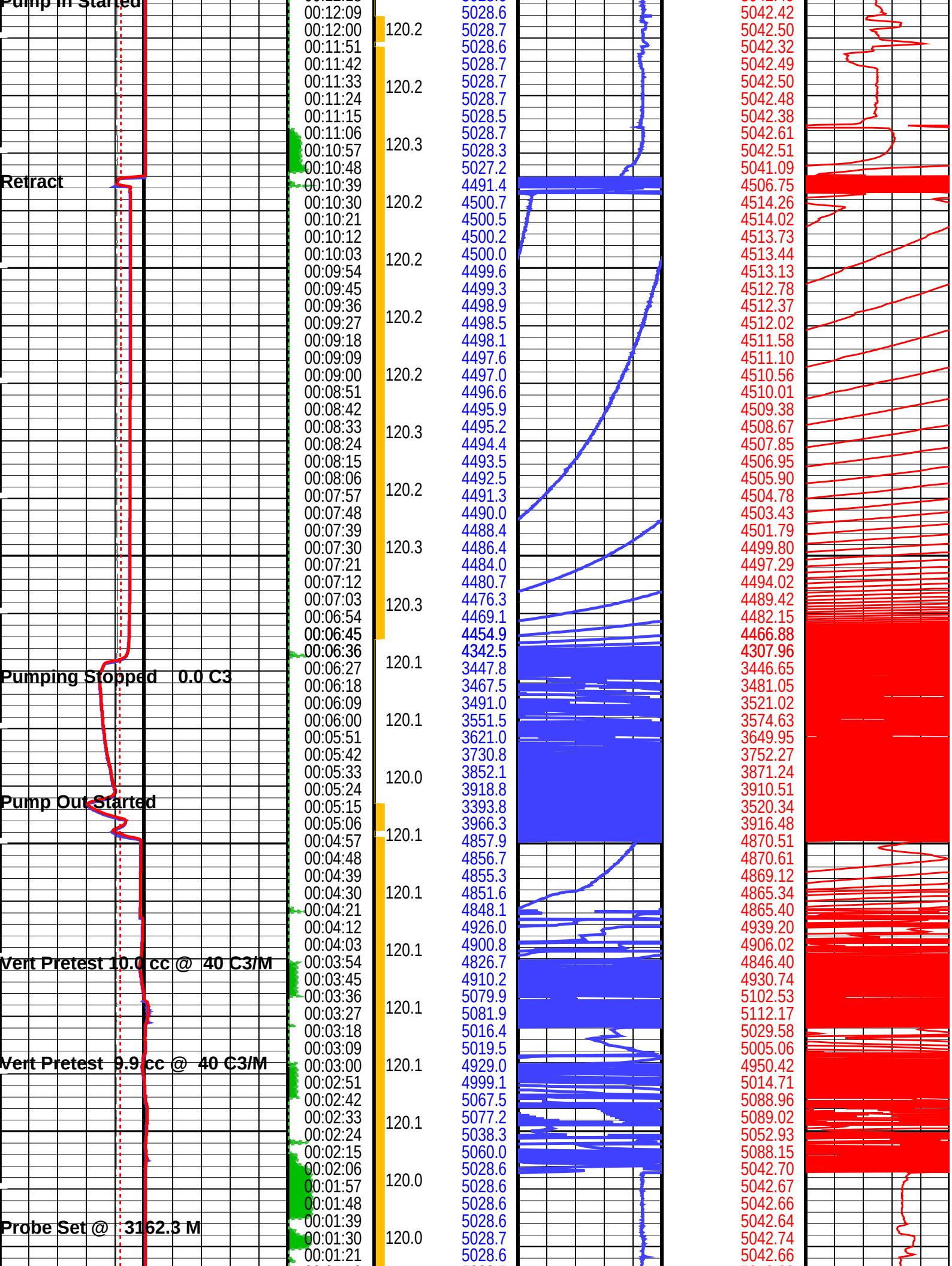
Event Summary

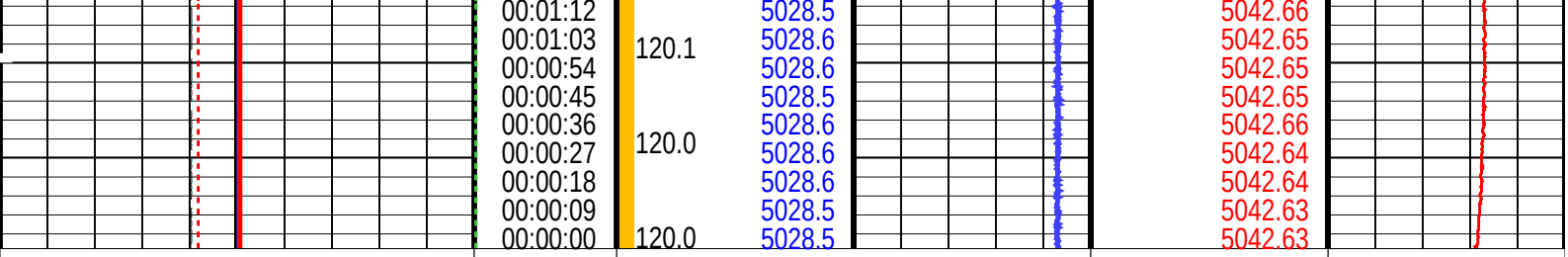
Elapsed Time (s)	Event Summary
884.1	Pumping Stopped 4680.0 C3 Dual Up−down Pumpout Module (MRPOUD)
738.3	Pump In Started Dual Up−down Pumpout Module (MRPOUD)
644.4	Retract Single Probe Module (MRPS) 1
386.4	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
321.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
214.2	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
161.4	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
99.0	Probe Set @ 3162.3 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S




Pump In Started
Retract
Pumping Stopped 0.0 C3
Pump Out Started
Vert Pretest 10.0 cc @ 40 C3/M
Vert Pretest 9.9 cc @ 40 C3/M
Probe Set @ 3162.3 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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27-Nov-2004 21:16

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	MRMS_2	12C0-301
MRPC	12C0-301	SGT-L	12C0-301
TCC-BF	12C0-301		

Input DLIS Files

27-Nov-2004 18:02

Output DLIS Files

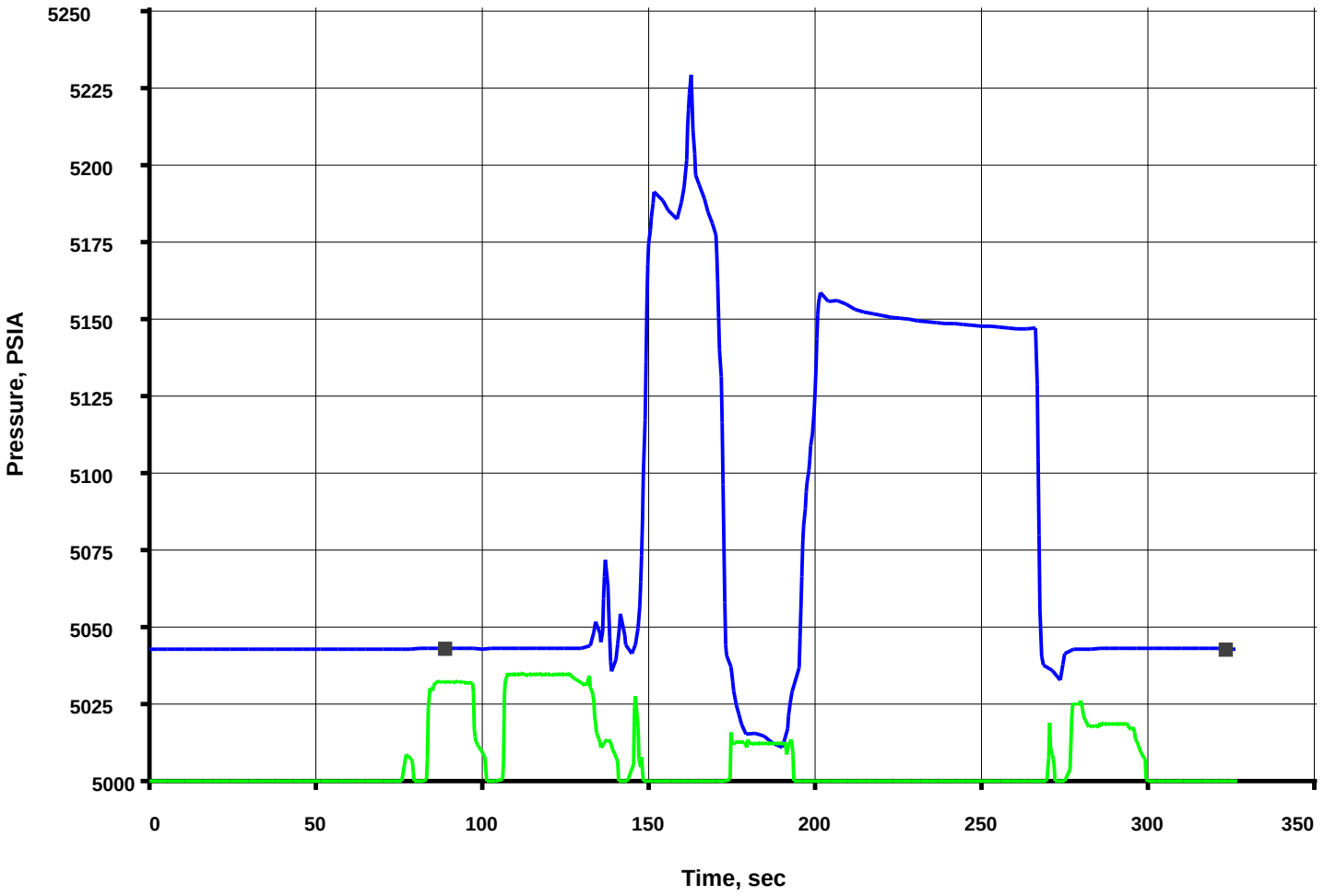
DEFAULT MDT_OFA_043PTP FN:42 PRODUCER 27-Nov-2004 21:16

Schlumberger

Pretest @ 3162.5 mMD

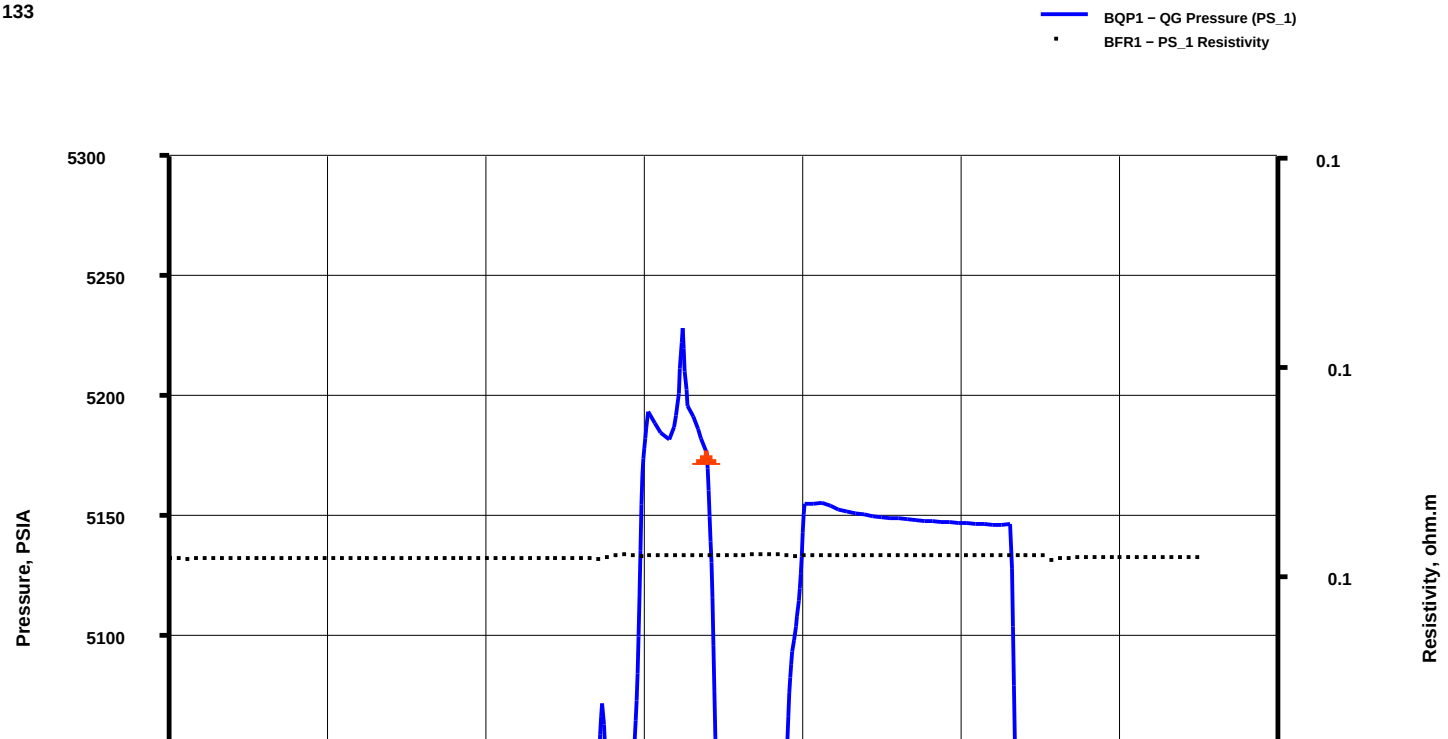
File 150 Depth, M: 3162.51 Lost Seal − Large−Diameter probe

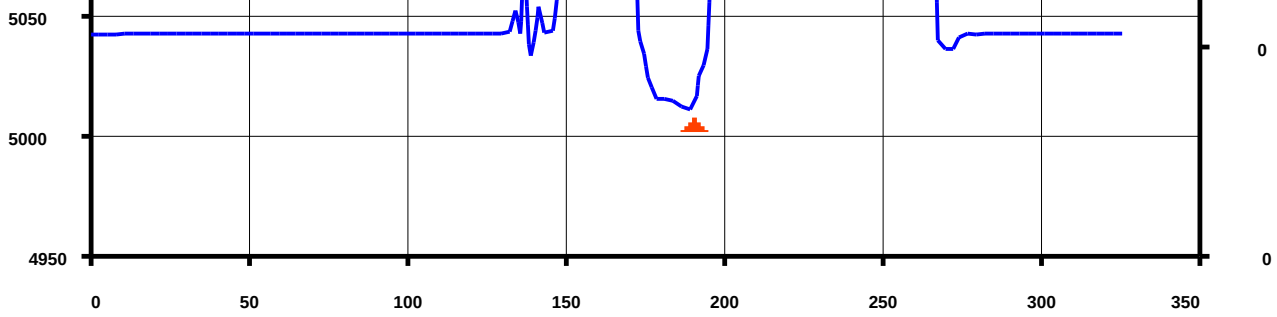
Mud Pressure before test, PSIA: 5042.94
Mud Pressure after test, PSIA: 5042.86



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

File 133





Start of Test Time: 169.5 sec

Start of Build−up Time: 190.5 sec

Reference pressure st start of build−up (BSG1) 5159.5 PSIG.

Input DLIS Files

MDT_OFA_133LTP 27−Nov−2004 18:02

Output DLIS Files

DEFAULT	MDT_OFA_042PTP	FN:41	PRODUCER	27−Nov−2004 21:03	3162.5 M	0.9 M

Elapsed Time (s)	Event Summary
271.8	Retract Single Probe Module (MRPS) 1
169.5	Vert Pretest 10.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
102.0	Probe Set @ 3162.5 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

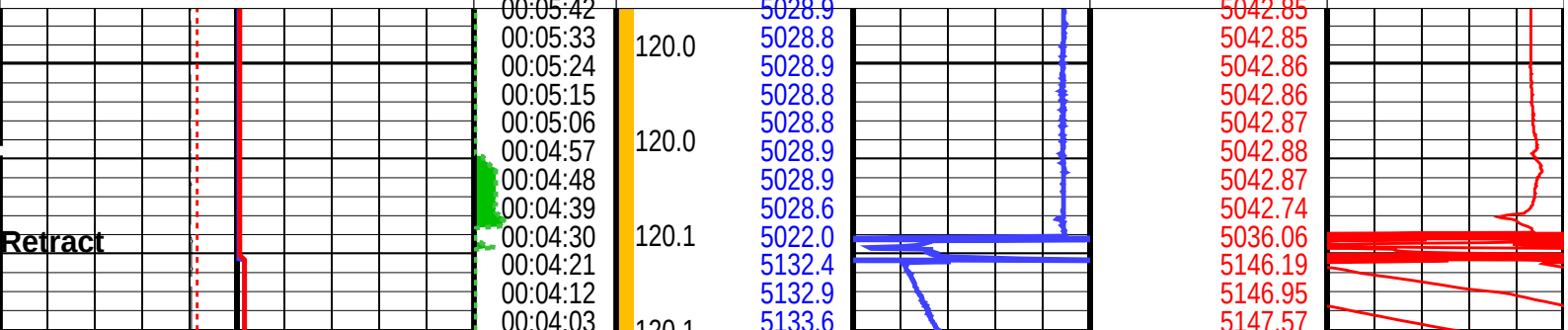
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000

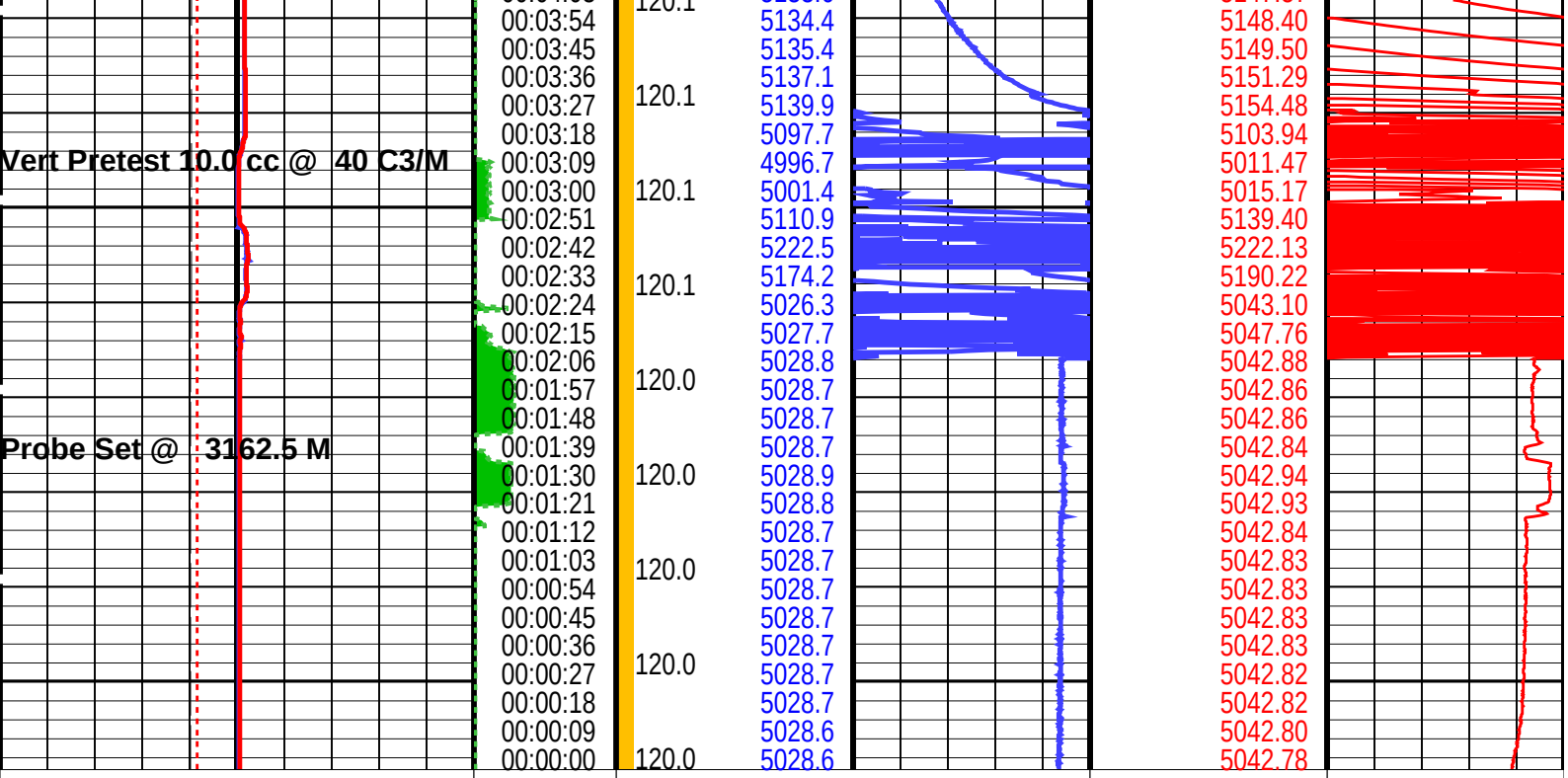
Elapsed Time (ETIM) (S)

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

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)

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





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
	System and Miscellaneous		
PP	Playback Processing	NORMAL	

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 27-Nov-2004 21:03

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	MRMS_2	12C0-301
MRPC	12C0-301	SGT-L	12C0-301
TCC-BE	12C0-301		

Input DLIS Files

27−Nov−2004 18:02

Output DLIS Files

DEFAULT	MDT_OFA_042PTP	FN:41	PRODUCER	27−Nov−2004 21:03

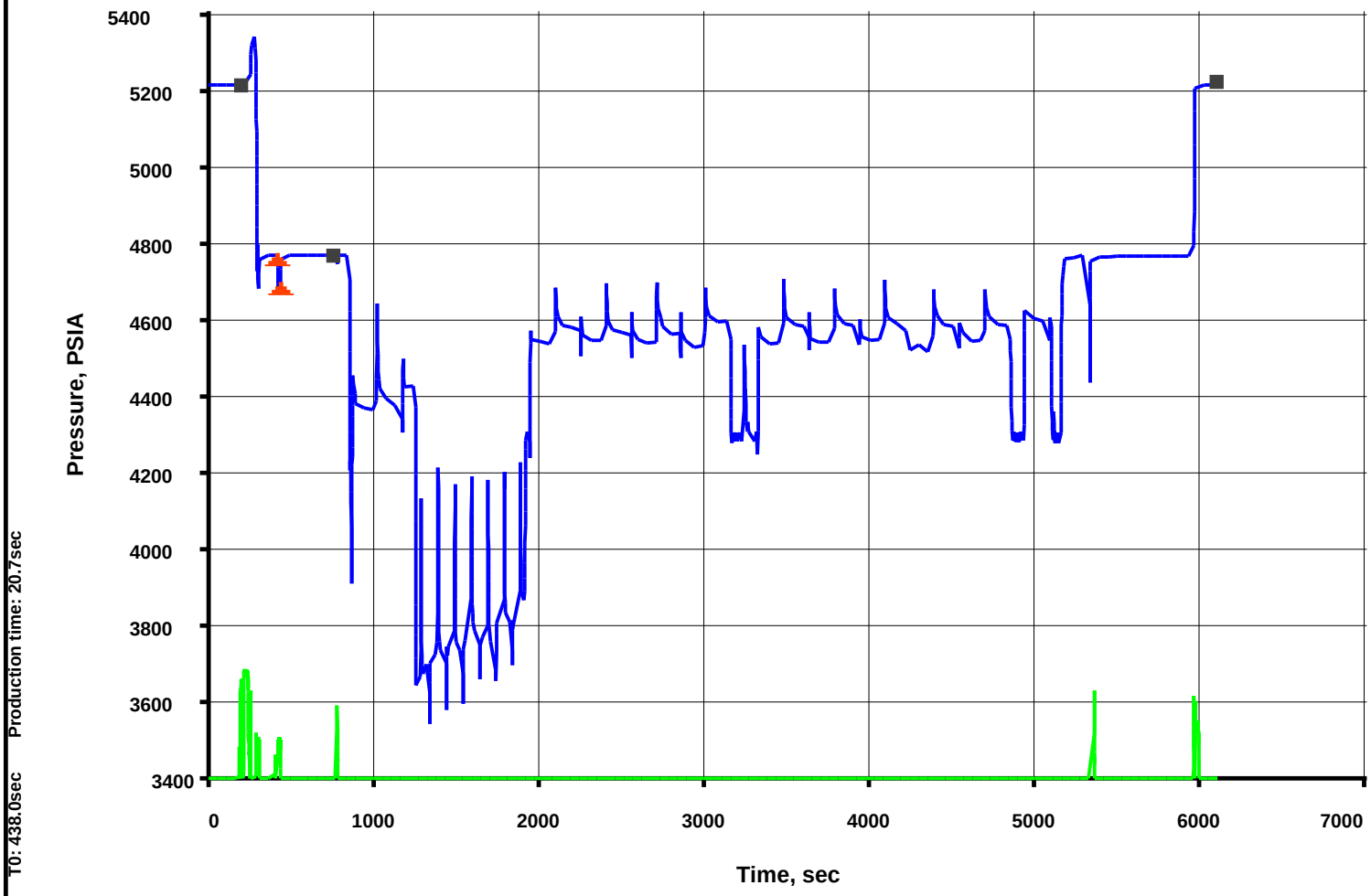
Schlumberger

Sample @ 3264.0 mMD

MAXIS Field Log

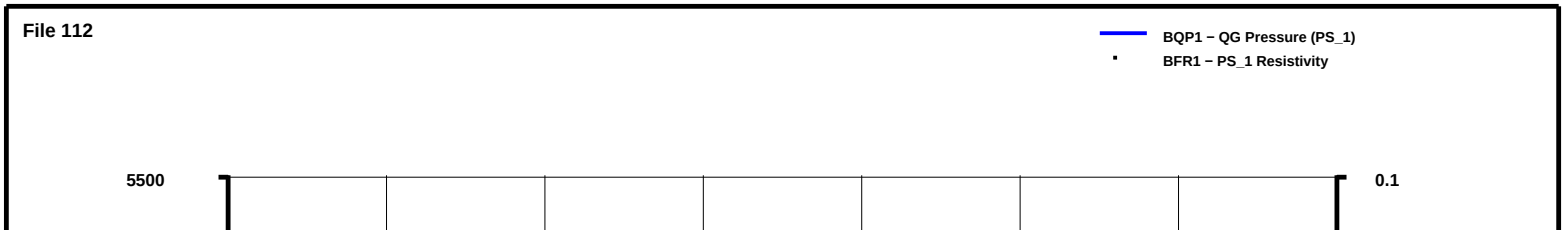
File 112 Depth, M: 3263.98 Volumetric Limited draw−down − Large−Diameter probe

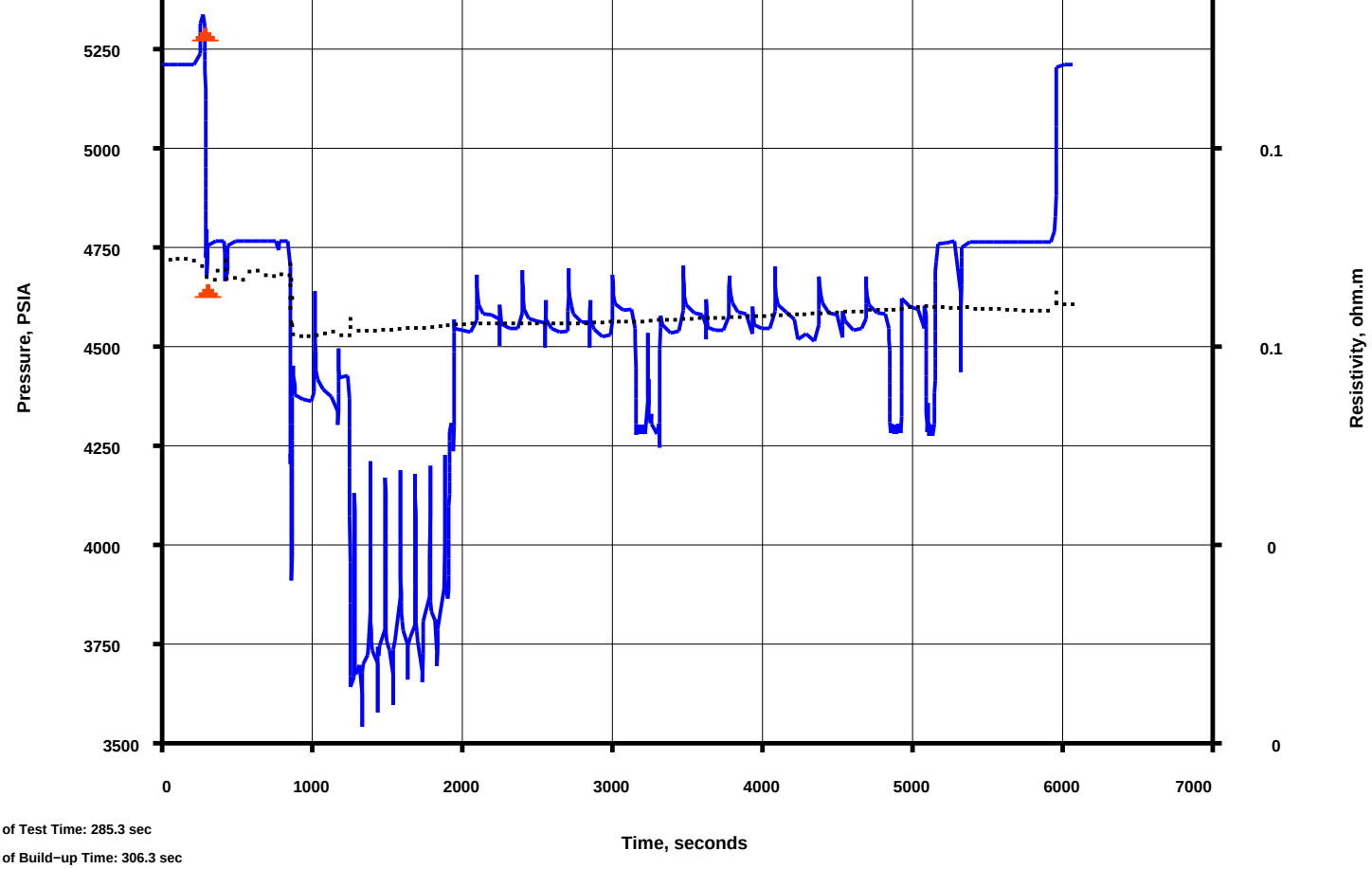
Mud Pressure before test, PSIA:	5206.94
Mud Pressure after test, PSIA:	5216.65
Last build−up pressure, PSIA:	4762.59
Draw−down mobility, md/cp:	15.1



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

File 112





Start of Test Time: 285.3 sec

Start of Build−up Time: 306.3 sec

Reference pressure st start of build−up (BQP1) 5313.8 PSIA.

Output DLIS Files

DEFAULT	MDT_OFA_112LTP	FN:177	PRODUCER	26−Nov−2004 15:03	3264.0 M	15.5 M
RT_BACKUP	MDT_OFA_112LTP	FN:178	PRODUCER	26−Nov−2004 15:02	3264.0 M	15.5 M

Elapsed Time (s)	Event Summary
5957.1	Retract Single Probe Module (MRPS) 1
5315.7	Seal Multi−Sample Module (MRMS) 1, bottle 6
5269.8	Pumping Stopped 22815.0 C3 Dual Up−down Pumpout Module (MRPOUD)
5102.4	Open Multi−Sample Module (MRMS) 1, bottle 6, sample number = 2
851.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
416.7	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
285.3	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
210.9	Probe Set @ 3264.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1)

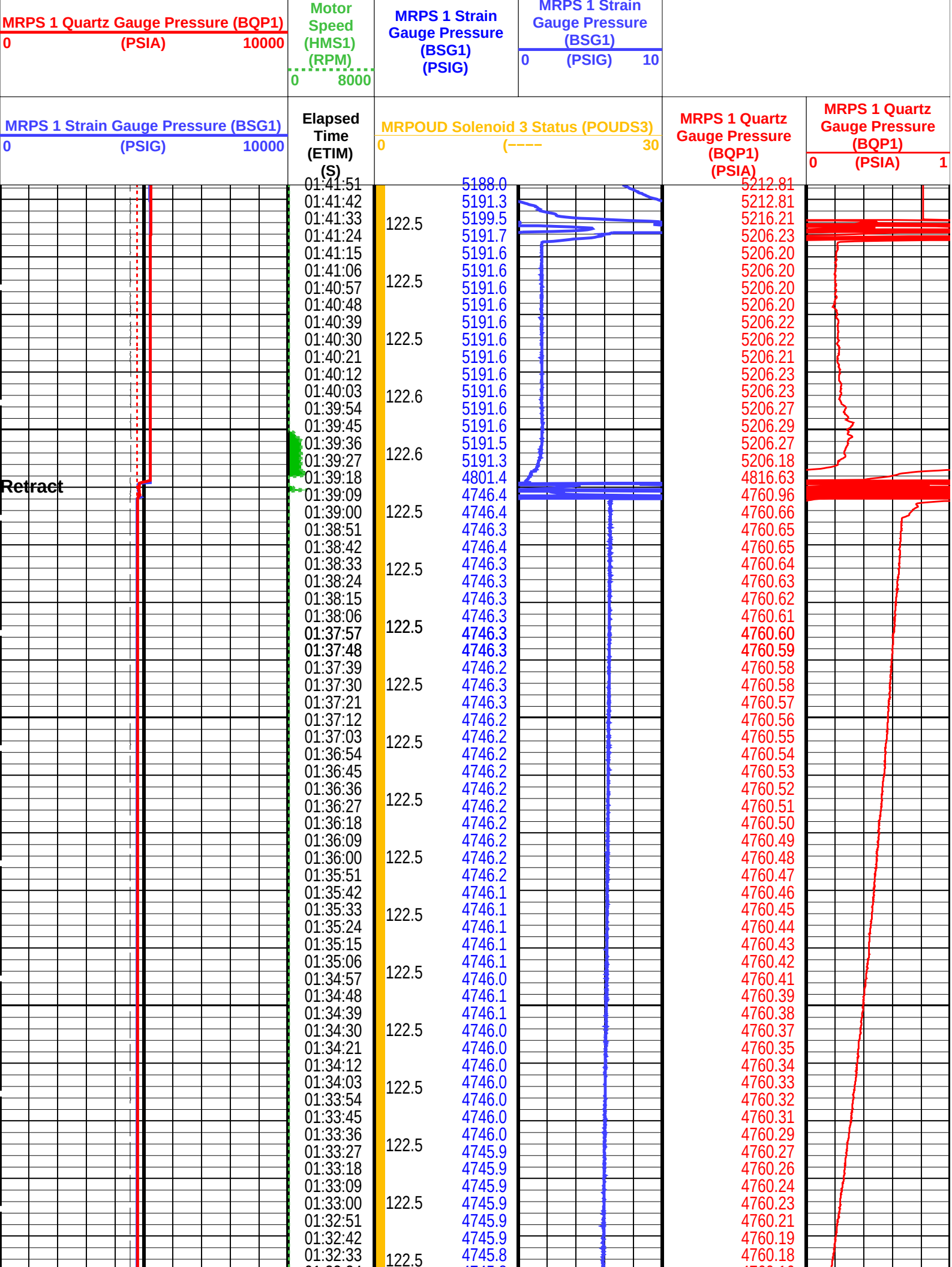
100 (DEGC) 150

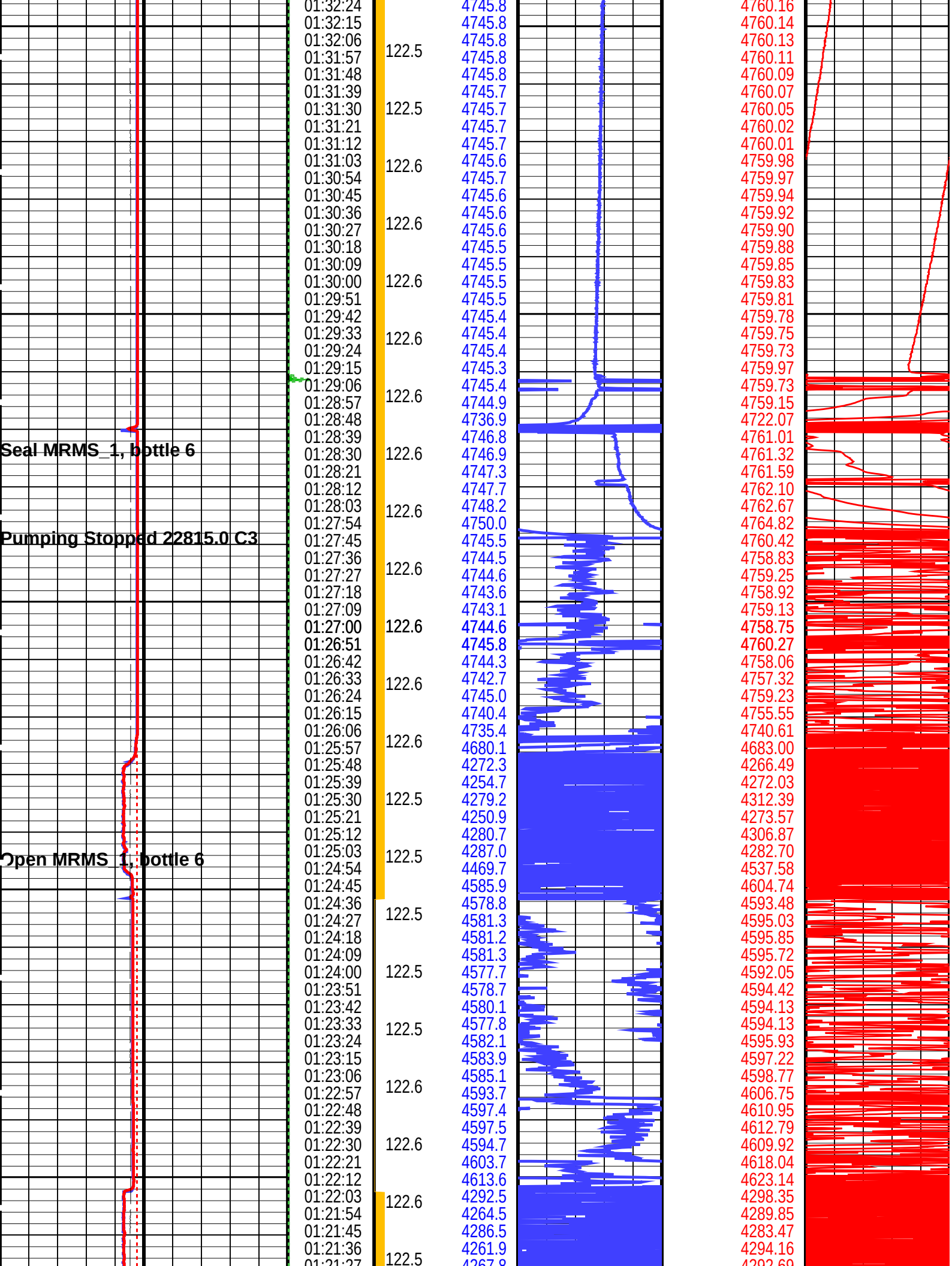
MRPS 1 Resistivity Cell Temperature (B1TR)

100 (DEGC) 150

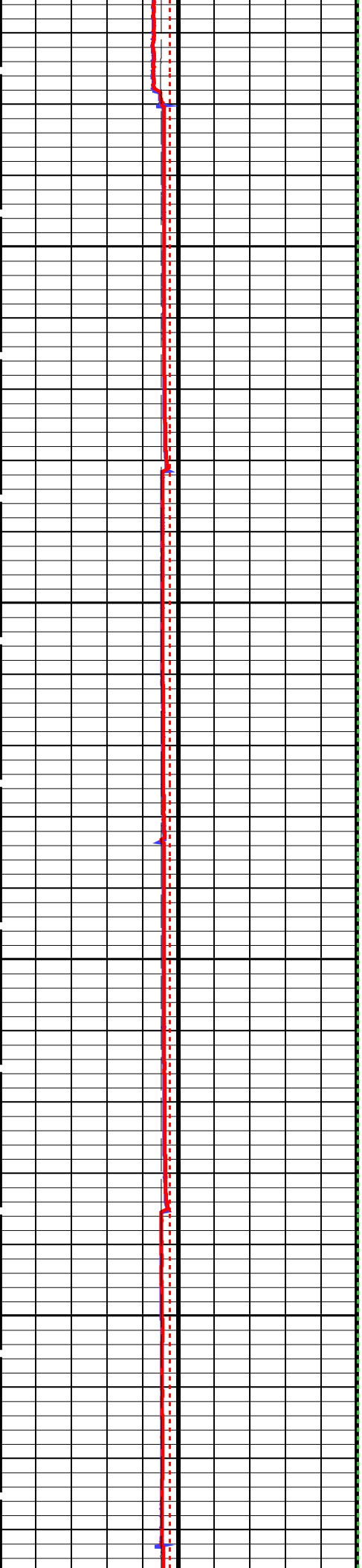
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)

MRHY 1


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



01:32:24		4745.8	4760.16
01:32:15		4745.8	4760.14
01:32:06		4745.8	4760.13
01:31:57	122.5	4745.8	4760.11
01:31:48		4745.8	4760.09
01:31:39		4745.7	4760.07
01:31:30	122.5	4745.7	4760.05
01:31:21		4745.7	4760.02
01:31:12		4745.7	4760.01
01:31:03	122.6	4745.6	4759.98
01:30:54		4745.7	4759.97
01:30:45		4745.6	4759.94
01:30:36		4745.6	4759.92
01:30:27	122.6	4745.6	4759.90
01:30:18		4745.5	4759.88
01:30:09		4745.5	4759.85
01:30:00	122.6	4745.5	4759.83
01:29:51		4745.5	4759.81
01:29:42		4745.4	4759.78
01:29:33	122.6	4745.4	4759.75
01:29:24		4745.4	4759.73
01:29:15		4745.3	4759.97
01:29:06		4745.4	4759.73
01:28:57	122.6	4744.9	4759.15
01:28:48		4736.9	4722.07
01:28:39		4746.8	4761.01
01:28:30	122.6	4746.9	4761.32
01:28:21		4747.3	4761.59
01:28:12		4747.7	4762.10
01:28:03	122.6	4748.2	4762.67
01:27:54		4750.0	4764.82
01:27:45		4745.5	4760.42
01:27:36		4744.5	4758.83
01:27:27	122.6	4744.6	4759.25
01:27:18		4743.6	4758.92
01:27:09		4743.1	4759.13
01:27:00	122.6	4744.6	4758.75
01:26:51		4745.8	4760.27
01:26:42		4744.3	4758.06
01:26:33	122.6	4742.7	4757.32
01:26:24		4745.0	4759.23
01:26:15		4740.4	4755.55
01:26:06		4735.4	4740.61
01:25:57	122.6	4680.1	4683.00
01:25:48		4272.3	4266.49
01:25:39		4254.7	4272.03
01:25:30	122.5	4279.2	4312.39
01:25:21		4250.9	4273.57
01:25:12		4280.7	4306.87
01:25:03	122.5	4287.0	4282.70
01:24:54		4469.7	4537.58
01:24:45		4585.9	4604.74
01:24:36		4578.8	4593.48
01:24:27	122.5	4581.3	4595.03
01:24:18		4581.2	4595.85
01:24:09		4581.3	4595.72
01:24:00	122.5	4577.7	4592.05
01:23:51		4578.7	4594.42
01:23:42		4580.1	4594.13
01:23:33	122.5	4577.8	4594.13
01:23:24		4582.1	4595.93
01:23:15		4583.9	4597.22
01:23:06		4585.1	4598.77
01:22:57	122.6	4593.7	4606.75
01:22:48		4597.4	4610.95
01:22:39		4597.5	4612.79
01:22:30	122.6	4594.7	4609.92
01:22:21		4603.7	4618.04
01:22:12		4613.6	4623.14
01:22:03	122.6	4292.5	4298.35
01:21:54		4264.5	4289.85
01:21:45		4286.5	4283.47
01:21:36		4261.9	4294.16
01:21:27	122.5	4267.8	4292.60



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01:21:00	122.4	4275.9	4281.87
01:20:51		4461.2	4474.94
01:20:42		4567.1	4581.97
01:20:33	122.5	4568.2	4580.82
01:20:24		4567.6	4581.62
01:20:15		4565.9	4581.17
01:20:06	122.5	4570.0	4584.34
01:19:57		4570.9	4585.53
01:19:48		4572.3	4585.91
01:19:39		4566.4	4581.60
01:19:30	122.5	4568.0	4584.64
01:19:21		4569.7	4584.97
01:19:12		4569.6	4584.77
01:19:03	122.5	4574.1	4587.86
01:18:54		4574.6	4588.59
01:18:45		4586.0	4600.49
01:18:36	122.5	4580.8	4597.57
01:18:27		4602.9	4617.13
01:18:18		4621.3	4643.37
01:18:09		4530.3	4543.09
01:18:00	122.5	4525.2	4541.03
01:17:51		4527.1	4543.87
01:17:42		4529.2	4542.46
01:17:33	122.5	4529.1	4543.86
01:17:24		4525.8	4538.61
01:17:15		4523.4	4540.69
01:17:06		4527.3	4538.94
01:16:57	122.5	4520.9	4536.56
01:16:48		4525.6	4541.46
01:16:39		4538.9	4553.33
01:16:30	122.5	4550.9	4564.33
01:16:21		4549.3	4561.03
01:16:12		4542.7	4560.55
01:16:03	122.5	4548.5	4559.18
01:15:54		4557.4	4571.73
01:15:45		4560.9	4569.88
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01:15:18		4564.6	4579.06
01:15:09		4559.8	4575.09
01:15:00	122.5	4562.7	4577.02
01:14:51		4562.8	4578.76
01:14:42		4565.6	4578.78
01:14:33	122.5	4566.6	4581.07
01:14:24		4567.2	4582.48
01:14:15		4567.2	4582.12
01:14:06	122.5	4564.6	4579.14
01:13:57		4578.2	4595.30
01:13:48		4581.2	4596.33
01:13:39		4583.7	4596.66
01:13:30	122.5	4585.0	4600.11
01:13:21		4599.9	4613.20
01:13:12		4613.0	4626.76
01:13:03	122.5	4645.4	4668.59
01:12:54		4494.7	4509.55
01:12:45		4495.2	4509.20
01:12:36	122.5	4493.1	4508.36
01:12:27		4494.9	4511.42
01:12:18		4499.3	4512.35
01:12:09		4515.6	4531.70
01:12:00	122.5	4513.0	4526.30
01:11:51		4512.8	4527.84
01:11:42		4515.6	4529.58
01:11:33	122.5	4513.1	4529.95
01:11:24		4515.2	4531.15
01:11:15		4522.7	4532.77
01:11:06	122.5	4514.9	4527.79
01:10:57		4508.7	4527.55
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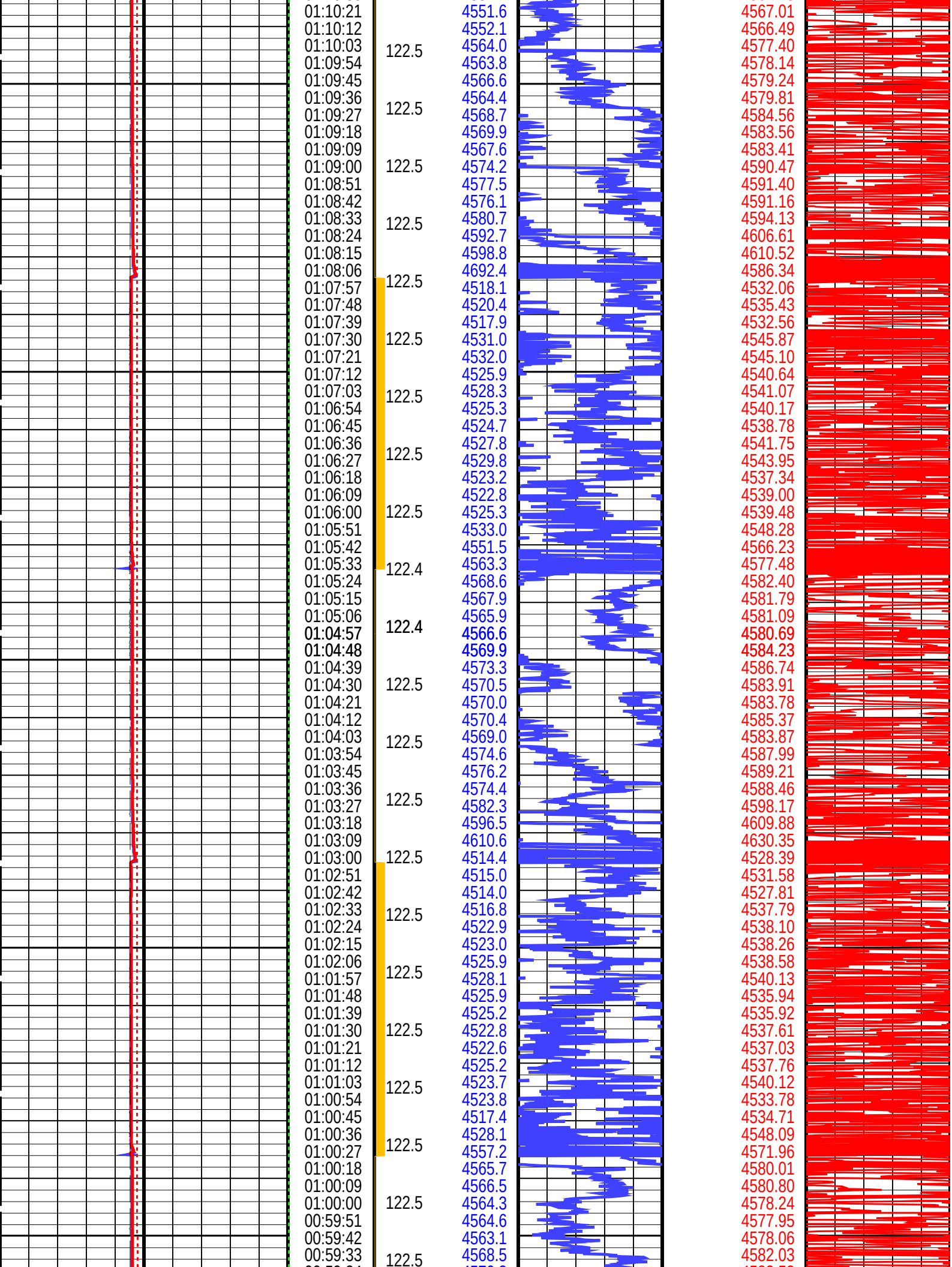
01:10:30	122.5	4552.4	4567.18



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01:09:36		4564.4	4579.81
01:09:27	122.5	4568.7	4584.56
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01:09:09		4567.6	4583.41
01:09:00	122.5	4574.2	4590.47
01:08:51		4577.5	4591.40
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01:08:33	122.5	4580.7	4594.13
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01:08:15		4598.8	4610.52
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01:07:57	122.5	4518.1	4532.06
01:07:48		4520.4	4535.43
01:07:39		4517.9	4532.56
01:07:30	122.5	4531.0	4545.87
01:07:21		4532.0	4545.10
01:07:12		4525.9	4540.64
01:07:03	122.5	4528.3	4541.07
01:06:54		4525.3	4540.17
01:06:45		4524.7	4538.78
01:06:36		4527.8	4541.75
01:06:27	122.5	4529.8	4543.95
01:06:18		4523.2	4537.34
01:06:09		4522.8	4539.00
01:06:00	122.5	4525.3	4539.48
01:05:51		4533.0	4548.28
01:05:42		4551.5	4566.23
01:05:33	122.4	4563.3	4577.48
01:05:24		4568.6	4582.40
01:05:15		4567.9	4581.79
01:05:06		4565.9	4581.09
01:04:57	122.4	4566.6	4580.69
01:04:48		4569.9	4584.23
01:04:39		4573.3	4586.74
01:04:30	122.5	4570.5	4583.91
01:04:21		4570.0	4583.78
01:04:12		4570.4	4585.37
01:04:03	122.5	4569.0	4583.87
01:03:54		4574.6	4587.99
01:03:45		4576.2	4589.21
01:03:36		4574.4	4588.46
01:03:27	122.5	4582.3	4598.17
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01:03:09		4610.6	4630.35
01:03:00	122.5	4514.4	4528.39
01:02:51		4515.0	4531.58
01:02:42		4514.0	4527.81
01:02:33	122.5	4516.8	4537.79
01:02:24		4522.9	4538.10
01:02:15		4523.0	4538.26
01:02:06		4525.9	4538.58
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01:01:48		4525.9	4535.94
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01:01:30	122.5	4522.8	4537.61
01:01:21		4522.6	4537.03
01:01:12		4525.2	4537.76
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01:00:45		4517.4	4534.71
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01:00:00	122.5	4564.3	4578.24
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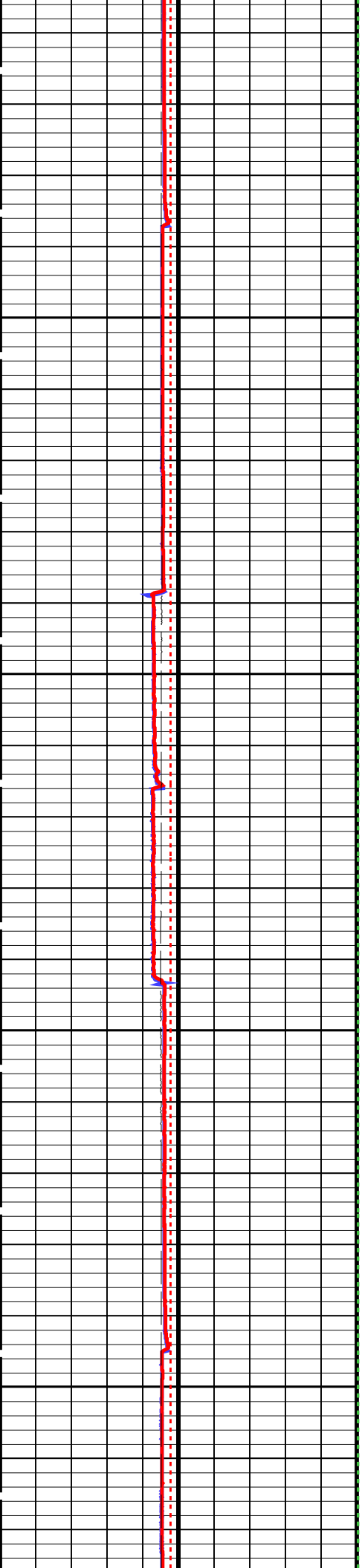

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00:59:15		4566.0	4581.42
00:59:06		4567.0	4581.95
00:58:57	122.5	4569.3	4583.54
00:58:48		4569.0	4584.77
00:58:39		4571.7	4586.62
00:58:30	122.5	4582.8	4597.52
00:58:21		4581.7	4595.77
00:58:12		4583.0	4602.20
00:58:03	122.5	4604.8	4619.69
00:57:54		4526.2	4538.25
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00:57:09		4519.7	4532.49
00:57:00	122.5	4521.6	4533.79
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00:56:42		4518.4	4533.83
00:56:33	122.5	4516.7	4532.16
00:56:24		4527.5	4541.33
00:56:15		4530.1	4543.79
00:56:06		4542.7	4554.90
00:55:57	122.6	4543.8	4553.90
00:55:48		4534.7	4549.93
00:55:39		4531.7	4547.77
00:55:30	122.6	4538.6	4555.51
00:55:21		4590.7	4490.82
00:55:12		4273.2	4296.88
00:55:03	122.5	4263.7	4277.83
00:54:54		4274.3	4290.86
00:54:45		4301.7	4308.57
00:54:36		4287.0	4312.18
00:54:27	122.5	4295.9	4307.19
00:54:18		4283.5	4301.48
00:54:09		4307.2	4325.08
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00:53:51		4260.6	4274.69
00:53:42		4278.3	4286.50
00:53:33		4258.7	4287.53
00:53:24	122.5	4263.8	4281.70
00:53:15		4283.9	4288.99
00:53:06		4260.4	4286.63
00:52:57	122.4	4252.6	4277.76
00:52:48		4275.9	4287.39
00:52:39		4267.4	4315.82
00:52:30	122.5	4575.4	4589.40
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00:52:12		4578.0	4591.84
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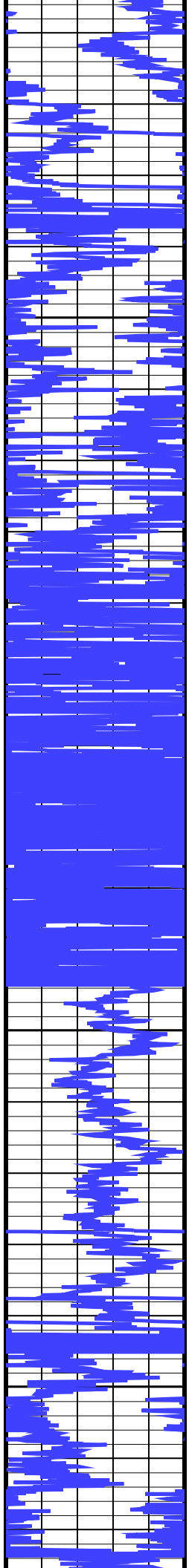
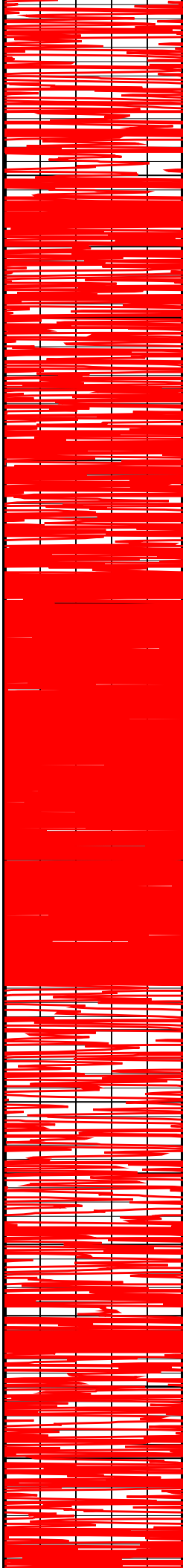
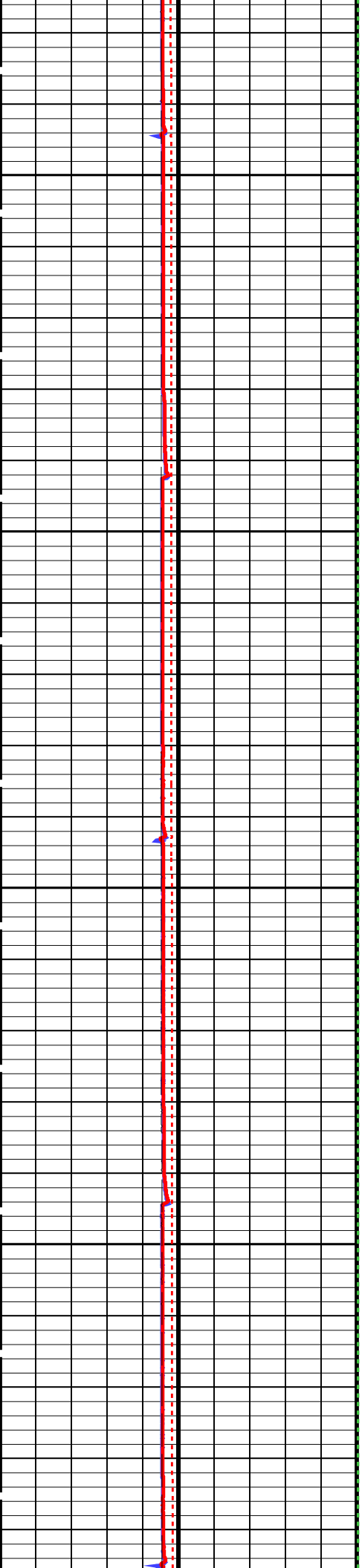
00:51:09		4575.5	4588.92
00:51:00	122.5	4575.7	4589.56
00:50:51		4585.4	4600.16
00:50:42		4587.6	4602.39
00:50:33	122.5	4585.1	4599.70
00:50:24		4583.1	4605.29
00:50:15		4594.9	4611.38
00:50:06		4637.1	4660.29
00:49:57	122.5	4512.8	4527.39
00:49:48		4511.7	4527.41
00:49:39		4512.1	4526.12
00:49:30	122.5	4512.9	4525.14
00:49:21		4513.4	4526.67
00:49:12		4513.1	4525.22
00:49:03	122.5	4513.2	4525.56
00:48:54		4512.4	4523.44
00:48:45		4511.3	4524.02
00:48:36		4525.5	4548.43
00:48:27	122.5	4529.0	4540.19







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00:47:51		4537.7	4550.50
00:47:42		4546.5	4559.45
00:47:33	122.5	4506.9	4496.02
00:47:24		4540.4	4556.60
00:47:15		4543.4	4557.58
00:47:06	122.5	4543.8	4557.07
00:46:57		4545.0	4559.26
00:46:48		4544.0	4558.50
00:46:39		4543.5	4558.39
00:46:30	122.5	4544.0	4557.79
00:46:21		4544.9	4557.82
00:46:12		4547.0	4562.04
00:46:03	122.5	4545.7	4559.39
00:45:54		4544.4	4559.67
00:45:45		4544.0	4564.67
00:45:36	122.5	4583.7	4597.95
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00:45:18		4599.6	4618.57
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00:44:51		4521.4	4535.89
00:44:42		4524.9	4536.98
00:44:33	122.5	4517.1	4533.27
00:44:24		4519.9	4533.50
00:44:15		4519.1	4535.66
00:44:06	122.5	4518.4	4532.20
00:43:57		4522.2	4536.44
00:43:48		4520.7	4532.17
00:43:39		4523.2	4539.19
00:43:30	122.5	4524.5	4539.45
00:43:21		4523.9	4537.59
00:43:12		4535.6	4551.07
00:43:03	122.5	4531.6	4546.08
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00:42:45		4532.9	4550.25
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00:42:27		4538.5	4554.06
00:42:18		4549.0	4563.67
00:42:09		4548.9	4562.95
00:42:00	122.5	4548.4	4563.14
00:41:51		4550.3	4564.61
00:41:42		4551.2	4565.71
00:41:33	122.5	4550.0	4563.25
00:41:24		4548.9	4564.46
00:41:15		4550.6	4563.43
00:41:06	122.5	4551.2	4567.00
00:40:57		4551.2	4564.79
00:40:48		4550.3	4564.37
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00:40:30	122.6	4562.0	4575.03
00:40:21		4567.9	4585.31
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00:40:03	122.6	4649.8	4548.43
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00:39:45		4527.4	4541.31
00:39:36	122.6	4530.8	4544.51
00:39:27		4527.8	4541.33
00:39:18		4527.1	4541.98
00:39:09		4531.2	4541.68
00:39:00	122.6	4526.1	4542.37
00:38:51		4531.8	4543.93
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00:38:06	122.6	4536.2	4550.63
00:37:57		4533.9	4550.36
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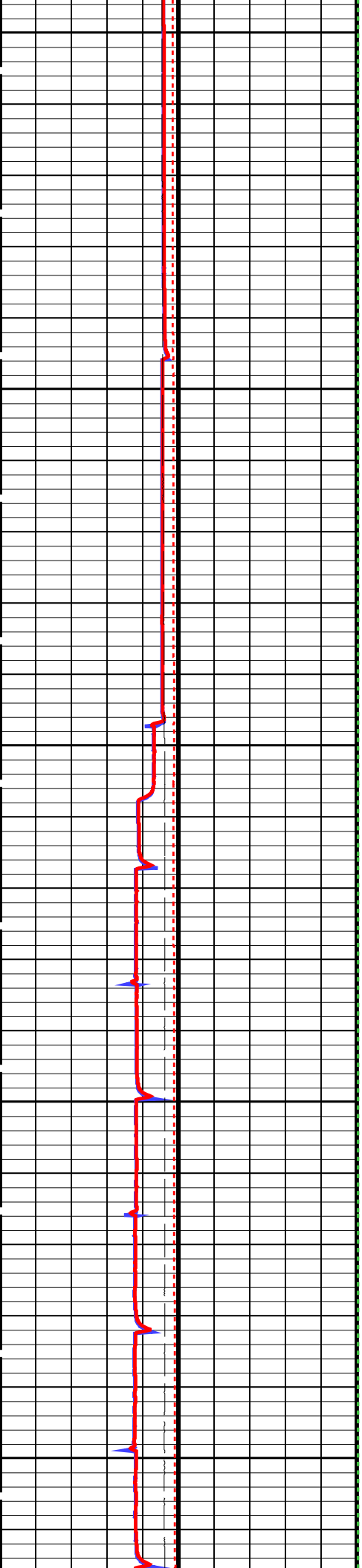

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00:37:03	122.6	4560.0	4575.30
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00:36:36		4560.9	4576.66
00:36:27	122.6	4560.7	4575.35
00:36:18		4562.2	4576.29
00:36:09		4562.2	4577.12
00:36:00	122.7	4563.0	4578.54
00:35:51		4563.2	4578.41
00:35:42		4562.5	4578.08
00:35:33	122.7	4568.4	4584.29
00:35:24		4579.7	4593.29
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00:35:06		4596.3	4613.50
00:34:57	122.7	4517.5	4532.51
00:34:48		4519.7	4534.07
00:34:39		4517.4	4533.67
00:34:30	122.7	4517.9	4533.38
00:34:21		4521.9	4534.70
00:34:12		4524.3	4538.57
00:34:03	122.7	4524.3	4539.46
00:33:54		4524.2	4538.92
00:33:45		4522.2	4538.42
00:33:36		4524.0	4537.30
00:33:27	122.8	4529.5	4539.92
00:33:18		4520.8	4535.32
00:33:09		4519.7	4530.06
00:33:00	122.9	4516.0	4530.13
00:32:51		4521.6	4533.65
00:32:42		4520.8	4531.07
00:32:33	122.9	4525.5	4542.84
00:32:24		4311.6	4302.79
00:32:15		4286.1	4303.54
00:32:06		4281.5	4290.90
00:31:57	123.0	4248.2	4245.58
00:31:48		3844.6	3858.01
00:31:39		3855.3	3873.99
00:31:30	123.0	3879.9	3912.40
00:31:21		3788.4	3802.73
00:31:12		3780.6	3796.35
00:31:03	123.0	3782.0	3803.30
00:30:54		3783.4	3797.70
00:30:45		3785.7	3799.07
00:30:36		3601.0	3731.74
00:30:27	123.0	3792.9	3808.06
00:30:18		3802.8	3817.54
00:30:09		3811.3	3821.98
00:30:00	123.0	3804.9	3820.13
00:29:51		3873.5	3922.13
00:29:42		3787.4	3801.96
00:29:33	123.0	3792.6	3803.77
00:29:24		3781.6	3797.32
00:29:15		3792.3	3807.45
00:29:06	123.0	3786.0	3796.04
00:28:57		3760.1	3770.14
00:28:48		3761.1	3773.95
00:28:39		3757.1	3770.23
00:28:30	123.0	3757.5	3772.59
00:28:21		3760.1	3779.71
00:28:12		3890.4	3968.73
00:28:03	122.9	3755.3	3764.53
00:27:54		3752.7	3763.49
00:27:45		3761.3	3770.82
00:27:36		3748.7	3763.50
00:27:27	123.0	3749.5	3760.24
00:27:18		3784.0	3796.31
00:27:09		3772.7	3783.33
00:27:00	122.9	3779.9	3793.32
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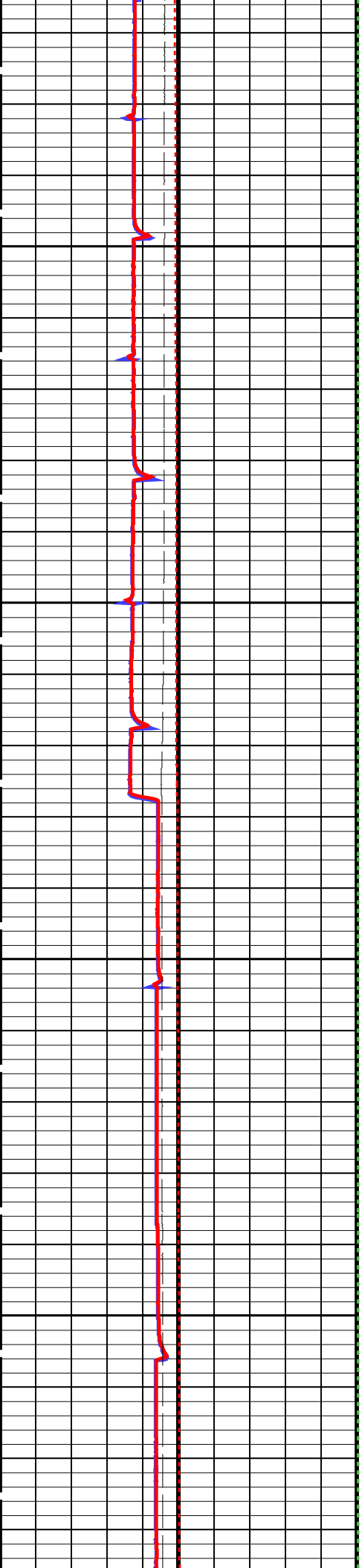

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00:26:06		3733.6	3752.16
00:25:57	123.0	3741.2	3762.23
00:25:48		3740.8	3756.70
00:25:39		3726.0	3739.92
00:25:30	122.9	3733.8	3746.38
00:25:21		3719.2	3733.60
00:25:12		3724.3	3738.25
00:25:03	122.9	3731.2	3742.01
00:24:54		3778.3	3818.38
00:24:45		3719.9	3733.92
00:24:36		3713.2	3723.30
00:24:27	122.9	3713.7	3733.63
00:24:18		3714.2	3729.21
00:24:09		3715.0	3727.09
00:24:00	122.9	3705.6	3582.07
00:23:51		3714.5	3725.27
00:23:42		3713.4	3725.77
00:23:33	122.9	3718.6	3731.29
00:23:24		3717.2	3732.30
00:23:15		3741.4	3764.34
00:23:06		3719.9	3734.60
00:22:57	122.9	3709.3	3725.39
00:22:48		3686.6	3698.55
00:22:39		3684.8	3695.66
00:22:30	122.9	3685.3	3699.76
00:22:21		3696.8	3707.93
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00:22:03	122.8	3696.8	3708.28
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00:21:36	122.7	3652.5	3670.31
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00:21:09		3628.2	3637.03
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00:20:42		4406.3	4421.01
00:20:33	122.6	4407.5	4421.13
00:20:24		4397.1	4410.20
00:20:15		4394.6	4409.15
00:20:06	122.6	4393.4	4404.36
00:19:57		4400.1	4412.00
00:19:48		4395.2	4409.41
00:19:39		4443.9	4473.54
00:19:30	122.6	4366.7	4380.45
00:19:21		4366.4	4379.90
00:19:12		4366.8	4380.96
00:19:03	122.6	4364.5	4378.43
00:18:54		4360.4	4373.49
00:18:45		4360.2	4374.22
00:18:36	122.6	4359.1	4372.69
00:18:27		4365.2	4378.73
00:18:18		4365.0	4377.89
00:18:09		4363.2	4376.70
00:18:00	122.6	4361.8	4376.87
00:17:51		4392.9	4405.80
00:17:42		4405.8	4419.34
00:17:33	122.7	4400.0	4412.66
00:17:24		4395.5	4410.02
00:17:15		4409.6	4428.91
00:17:06		4444.5	4464.21
00:16:57	122.7	4340.7	4355.33
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00:16:21		4339.6	4358.31
00:16:12		4351.3	4364.24
00:16:03	122.7	4346.3	4357.03
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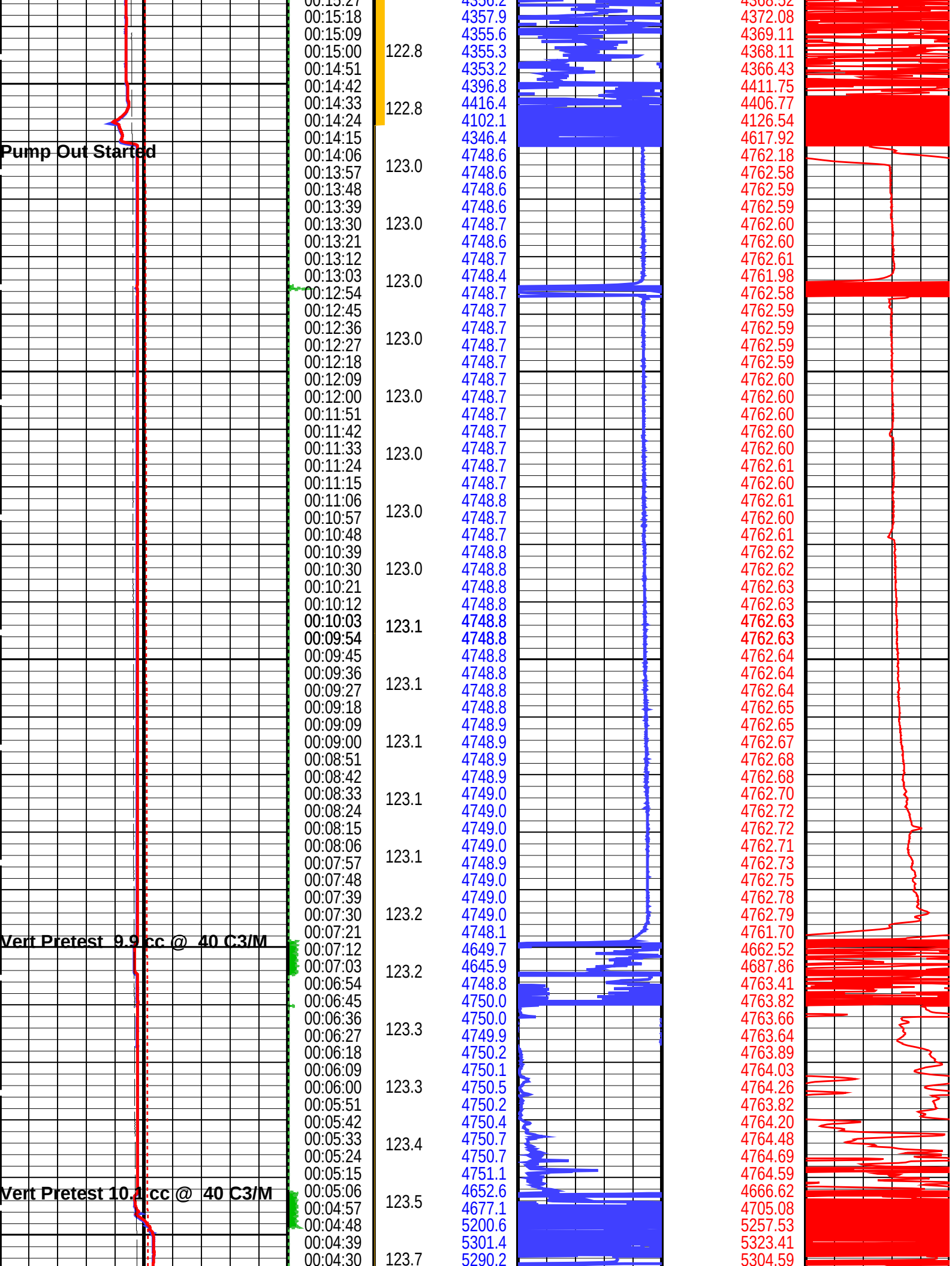

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00:15:09		4355.6	4369.11
00:15:00	122.8	4355.3	4368.11
00:14:51		4353.2	4366.43
00:14:42		4396.8	4411.75
00:14:33	122.8	4416.4	4406.77
00:14:24		4102.1	4126.54
00:14:15		4346.4	4617.92
00:14:06	123.0	4748.6	4762.18
00:13:57		4748.6	4762.58
00:13:48		4748.6	4762.59
00:13:39		4748.6	4762.59
00:13:30	123.0	4748.7	4762.60
00:13:21		4748.6	4762.60
00:13:12		4748.7	4762.61
00:13:03	123.0	4748.4	4761.98
00:12:54		4748.7	4762.58
00:12:45		4748.7	4762.59
00:12:36	123.0	4748.7	4762.59
00:12:27		4748.7	4762.59
00:12:18		4748.7	4762.59
00:12:09		4748.7	4762.60
00:12:00	123.0	4748.7	4762.60
00:11:51		4748.7	4762.60
00:11:42		4748.7	4762.60
00:11:33	123.0	4748.7	4762.60
00:11:24		4748.7	4762.61
00:11:15		4748.7	4762.60
00:11:06	123.0	4748.8	4762.61
00:10:57		4748.7	4762.60
00:10:48		4748.7	4762.61
00:10:39		4748.8	4762.62
00:10:30	123.0	4748.8	4762.62
00:10:21		4748.8	4762.63
00:10:12		4748.8	4762.63
00:10:03	123.1	4748.8	4762.63
00:09:54		4748.8	4762.63
00:09:45		4748.8	4762.64
00:09:36	123.1	4748.8	4762.64
00:09:27		4748.8	4762.64
00:09:18		4748.8	4762.65
00:09:09		4748.9	4762.65
00:09:00	123.1	4748.9	4762.67
00:08:51		4748.9	4762.68
00:08:42		4748.9	4762.68
00:08:33	123.1	4749.0	4762.70
00:08:24		4749.0	4762.72
00:08:15		4749.0	4762.72
00:08:06	123.1	4749.0	4762.71
00:07:57		4748.9	4762.73
00:07:48		4749.0	4762.75
00:07:39		4749.0	4762.78
00:07:30	123.2	4749.0	4762.79
00:07:21		4748.1	4761.70
00:07:12		4649.7	4662.52
00:07:03	123.2	4645.9	4687.86
00:06:54		4748.8	4763.41
00:06:45		4750.0	4763.82
00:06:36	123.3	4750.0	4763.66
00:06:27		4749.9	4763.64
00:06:18		4750.2	4763.89
00:06:09		4750.1	4764.03
00:06:00	123.3	4750.5	4764.26
00:05:51		4750.2	4763.82
00:05:42		4750.4	4764.20
00:05:33	123.4	4750.7	4764.48
00:05:24		4750.7	4764.69
00:05:15		4751.1	4764.59
00:05:06	123.5	4652.6	4666.62
00:04:57		4677.1	4705.08
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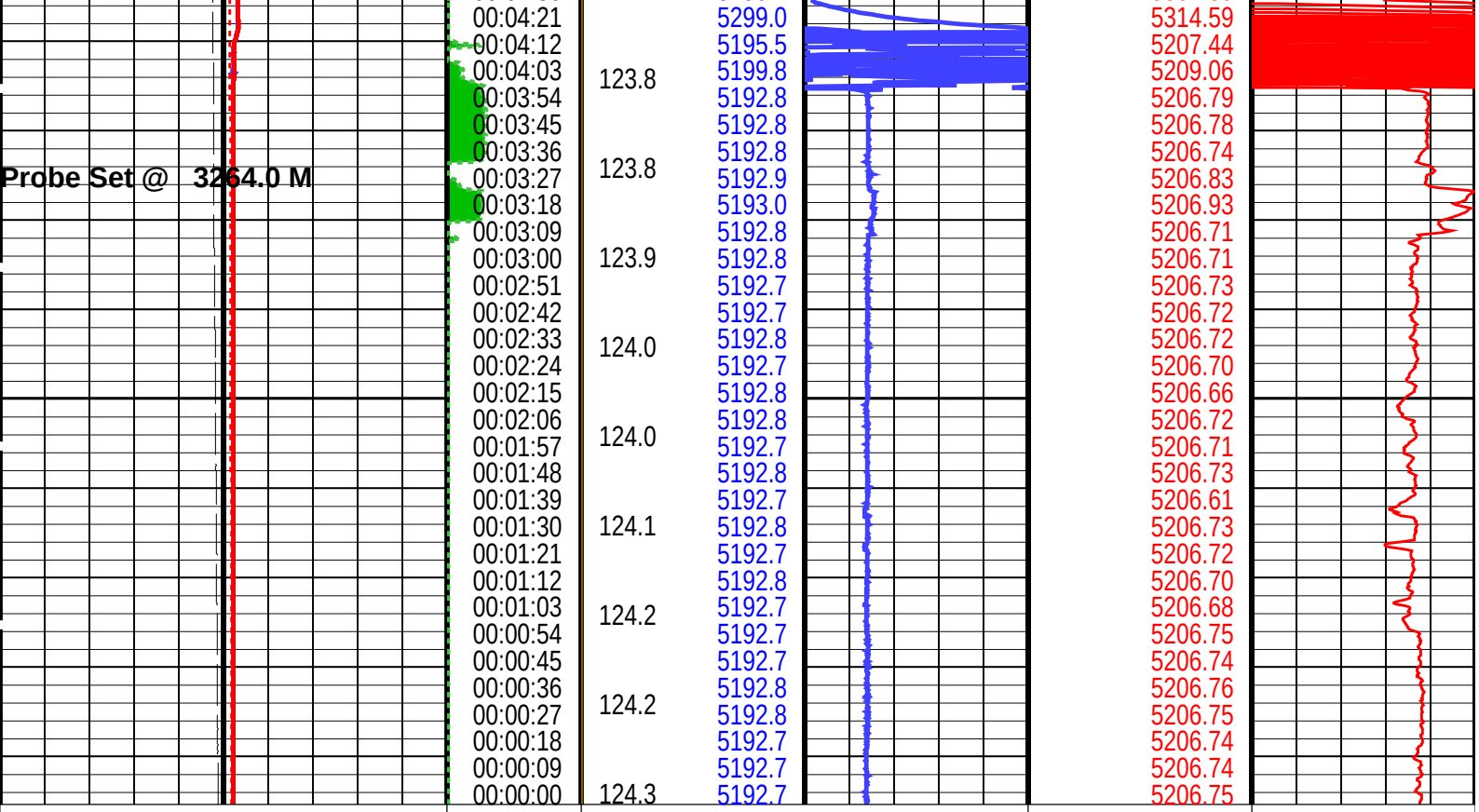
00:04:30	123.7	5290.2	5304.59



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: 26-Nov-2004 15:03

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	MRMS_2	12C0-301
MRPC	12C0-301	SGT_L	12C0-301

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

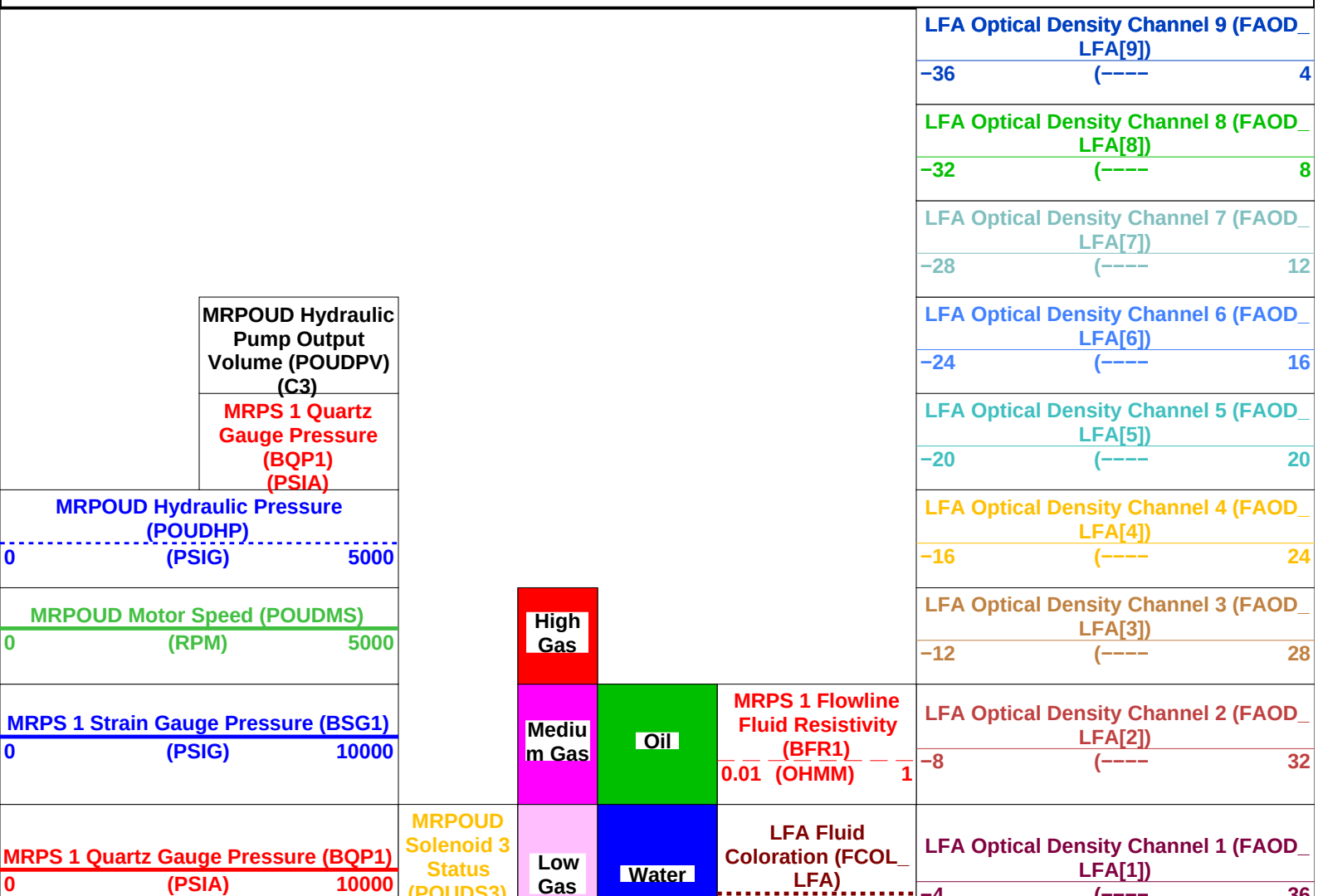
Output DLIS Files

DEFAULT	MDT_OFA_112LTP	FN:177	PRODUCER	26−Nov−2004 15:03
RT_BACKUP	MDT_OFA_112LTP	FN:178	PRODUCER	26−Nov−2004 15:02

Output DLIS Files

DEFAULT	MDT_OFA_112LTP	FN:177	PRODUCER	26−Nov−2004 15:03	3264.0 M	15.5 M
RT_BACKUP	MDT_OFA_112LTP	FN:178	PRODUCER	26−Nov−2004 15:02	3264.0 M	15.5 M

Elapsed Time (s)	Event Summary
5957.1	Retract Single Probe Module (MRPS) 1
5315.7	Seal Multi−Sample Module (MRMS) 1, bottle 6
5269.8	Pumping Stopped 22815.0 C3 Dual Up−down Pumpout Module (MRPOUD)
5102.4	Open Multi−Sample Module (MRMS) 1, bottle 6, sample number = 2
851.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
416.7	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
285.3	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
210.9	Probe Set @ 3264.0 M Single Probe Module (MRPS) 1



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
5212.81	01:41:51				
5212.81	01:41:42	122.5			
5216.21	01:41:33				
5206.23	01:41:24	122.5			
5206.20	01:41:15				
5206.20	01:41:06	122.5			
5206.20	01:40:57				
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5206.23	01:40:03				
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Retract 4816.63	01:39:18	122.6			
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4760.55	01:37:03				
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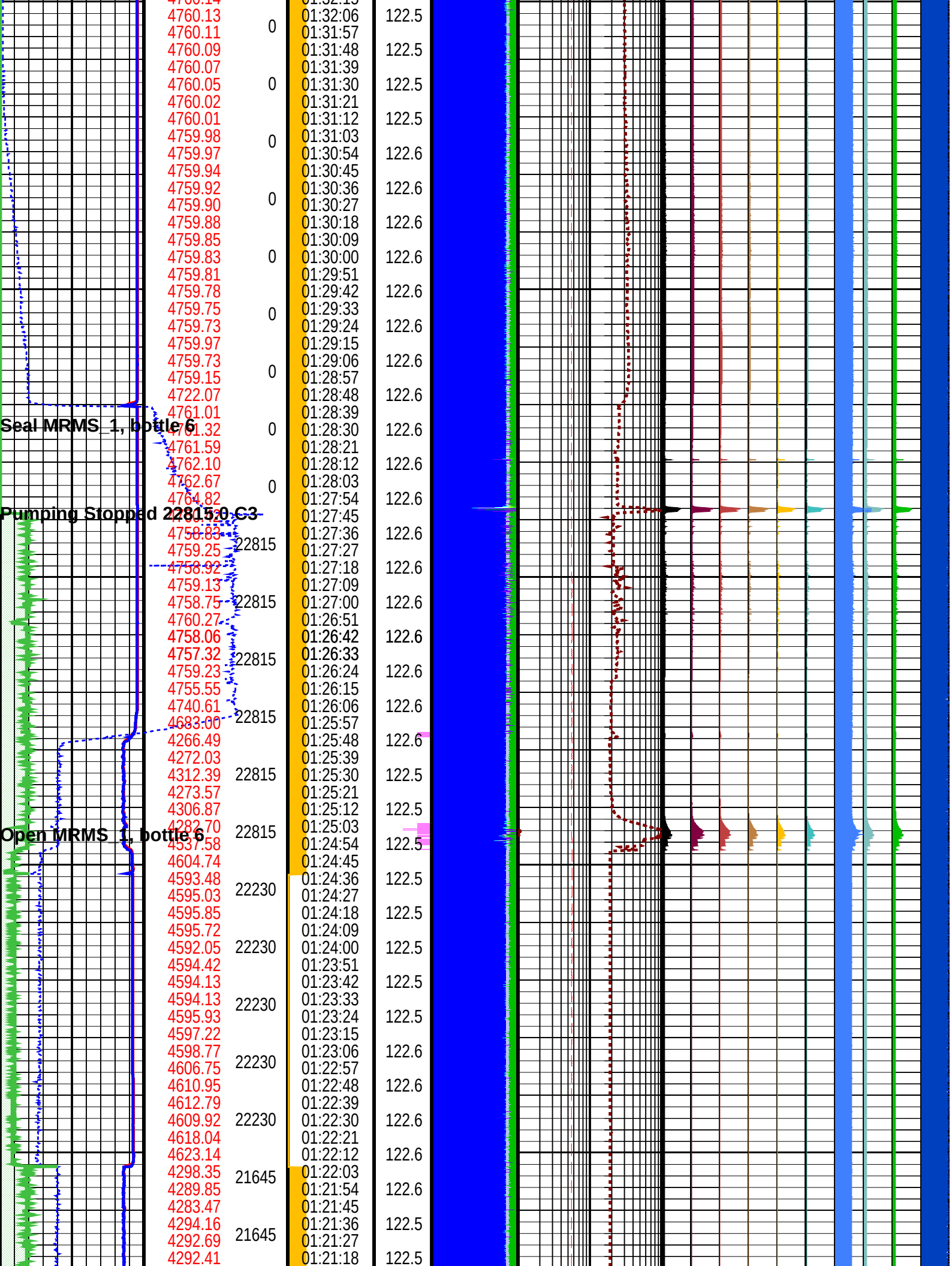
Seal MRMS_1, bottle 6
Pumping Stopped 22815.0 C3
Open MRMS_1, bottle 6

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4643.37		01:18:18	122.5
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4626.76		01:13:12	122.5
4668.59	19890	01:13:03	
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4531.70		01:12:09	
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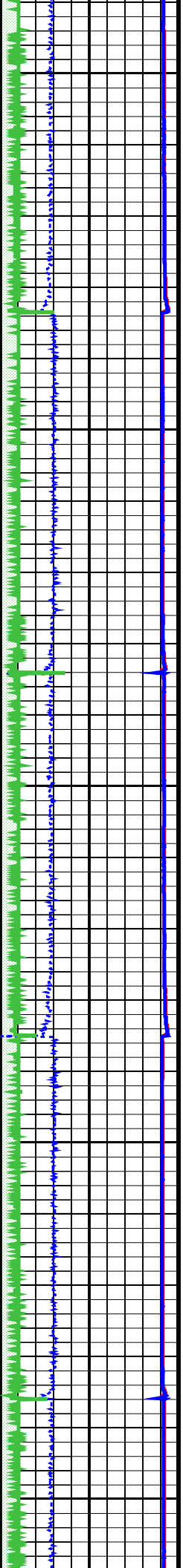

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4540.64		01:07:12	122.5
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4540.17		01:06:54	122.5
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4539.00		01:06:09	
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4548.28		01:05:51	
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4585.37		01:04:12	122.5
4583.87	17550	01:04:03	
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4540.13		01:01:57	
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4537.61	16965	01:01:30	122.5
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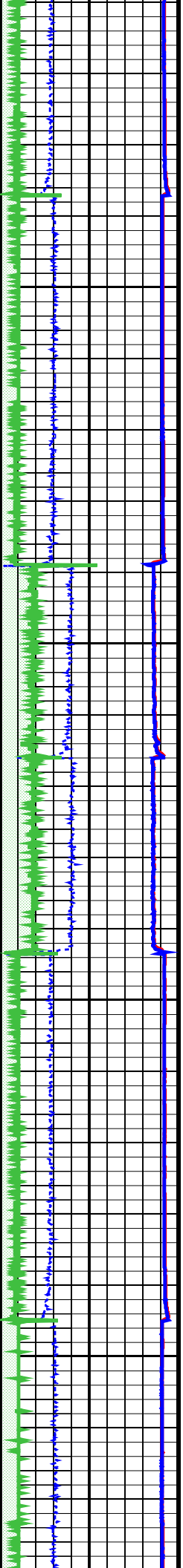

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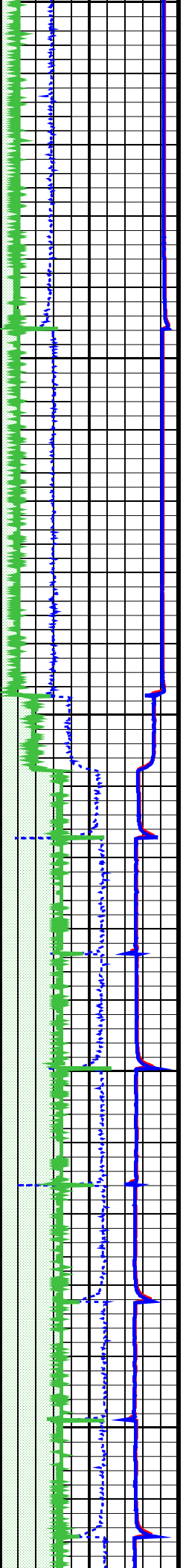

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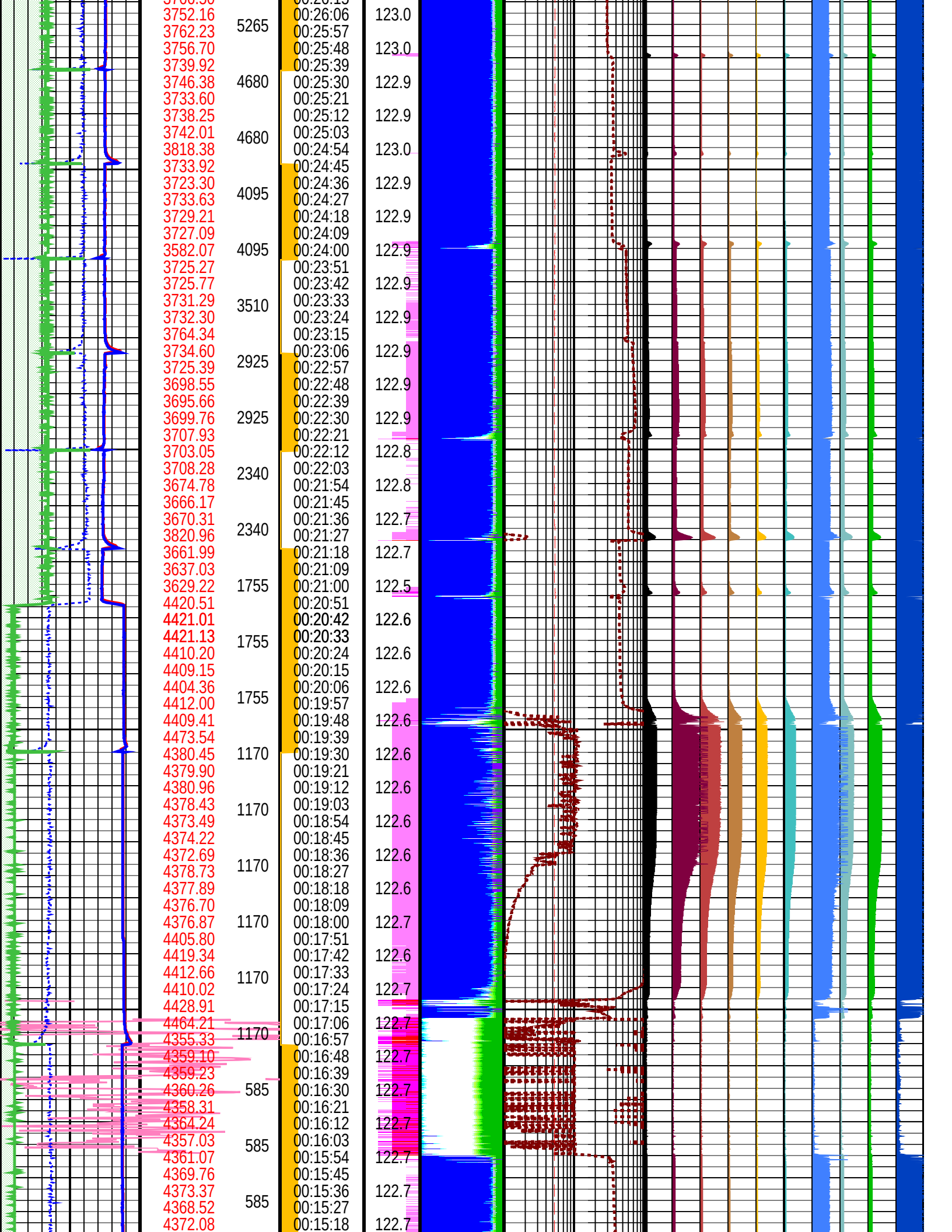
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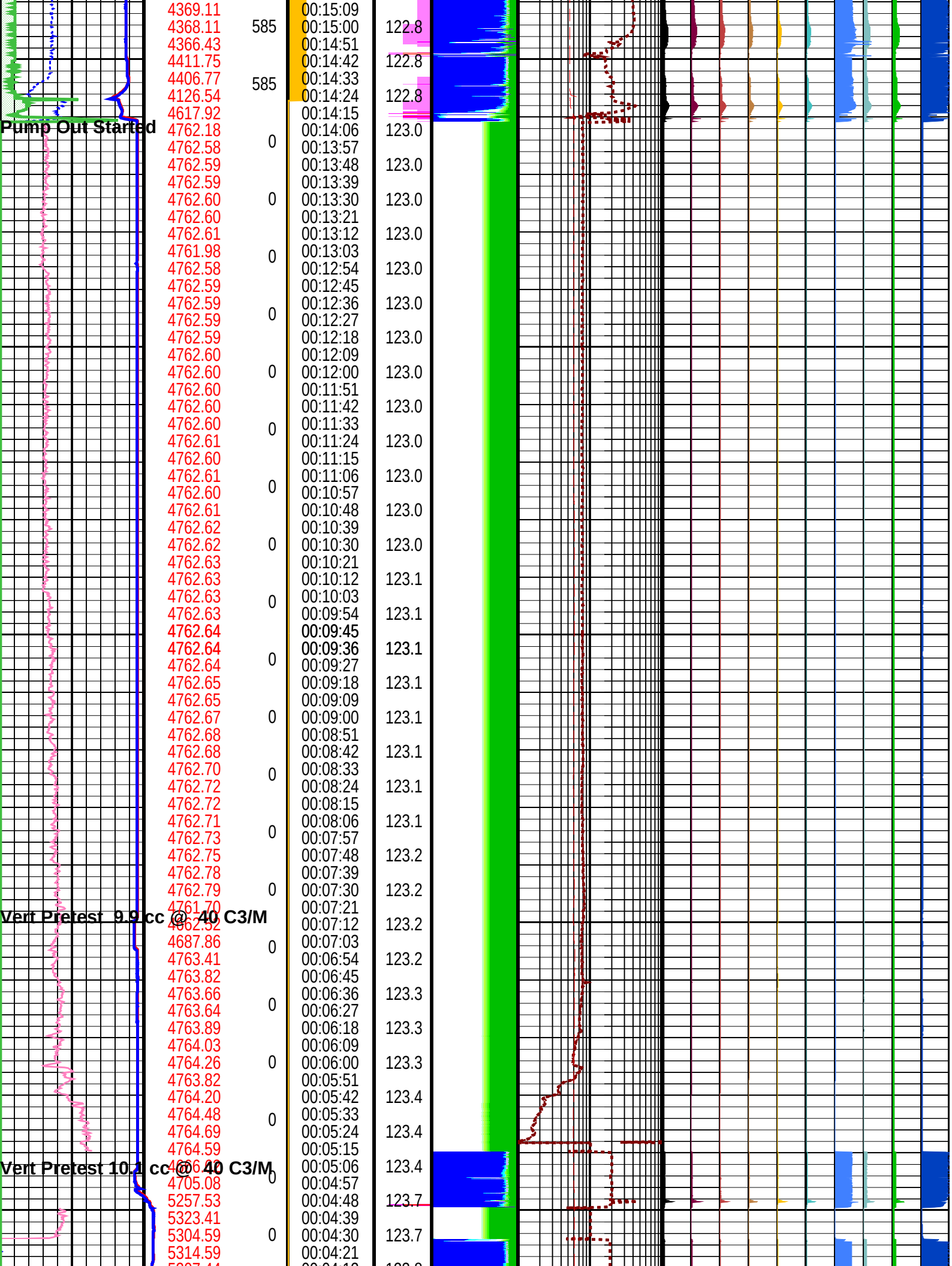
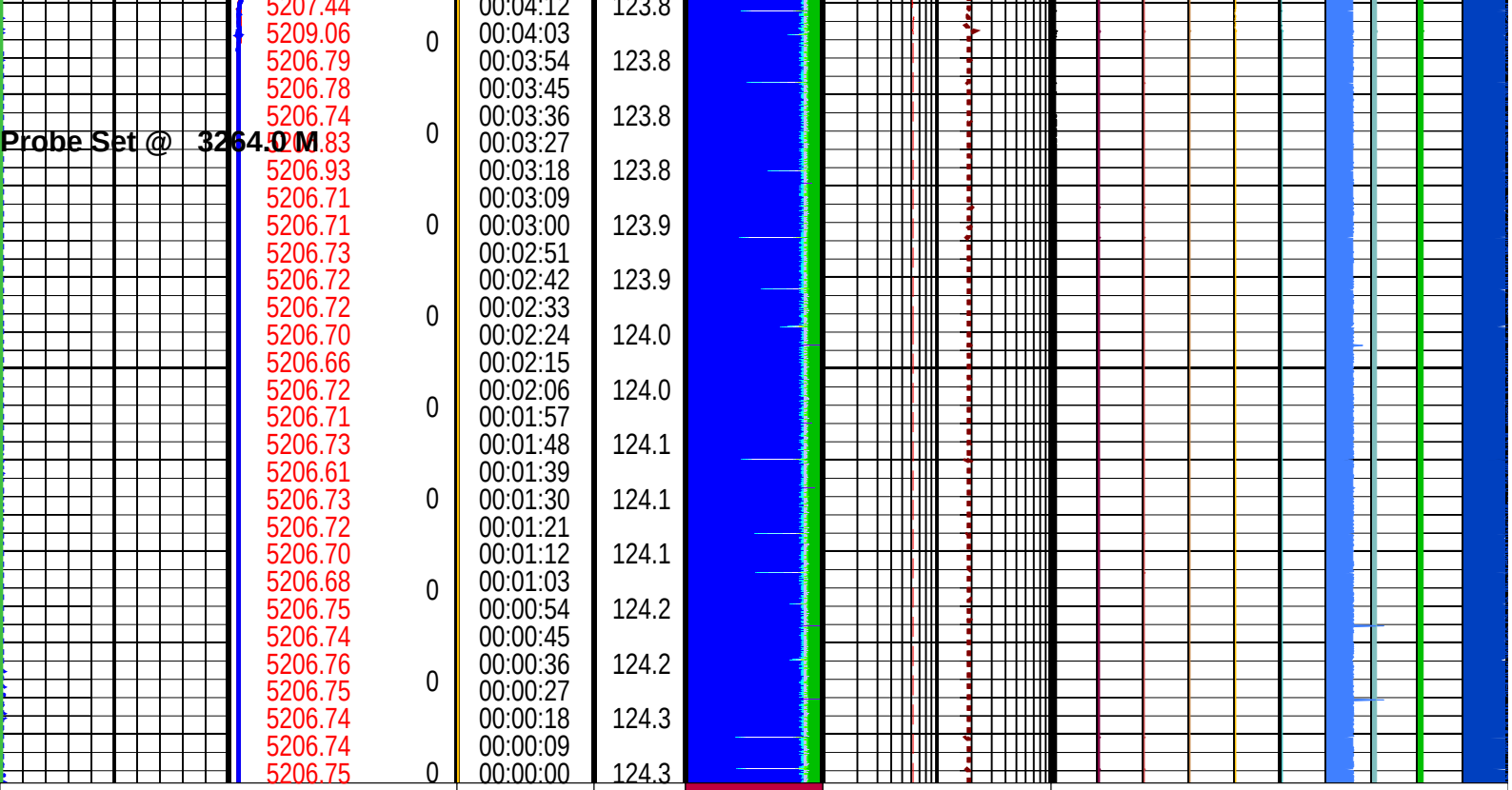
4380.96 00:19:12 122.6
4378.43 1170 00:19:03
4373.49 00:18:54 122.6
4374.22 00:18:45
4372.69 1170 00:18:36 122.6
4378.73 00:18:27
4377.89 00:18:18 122.6
4376.70 00:18:09
4376.87 1170 00:18:00 122.7
4405.80 00:17:51
4419.34 00:17:42 122.6
4412.66 1170 00:17:33
4410.02 00:17:24 122.7
4428.91 00:17:15
4464.21 00:17:06 122.7
4355.33 1170 00:16:57
4359.10 00:16:48 122.7
4359.23 00:16:39
4360.26 585 00:16:30 122.7
4358.31 00:16:21
4364.24 00:16:12 122.7
4357.03 585 00:16:03
4361.07 00:15:54 122.7
4369.76 00:15:45
4373.37 00:15:36 122.7
4368.52 585 00:15:27
4372.08 00:15:18 122.7



4369.11		00:15:09	
4368.11	585	00:15:00	122.8
4366.43		00:14:51	
4411.75		00:14:42	122.8
4406.77	585	00:14:33	
4126.54		00:14:24	122.8
4617.92		00:14:15	
4762.18		00:14:06	123.0
4762.58	0	00:13:57	
4762.59		00:13:48	123.0
4762.59		00:13:39	
4762.60	0	00:13:30	123.0
4762.60		00:13:21	
4762.61		00:13:12	123.0
4761.98	0	00:13:03	
4762.58		00:12:54	123.0
4762.59		00:12:45	
4762.59		00:12:36	123.0
4762.59	0	00:12:27	
4762.59		00:12:18	123.0
4762.60		00:12:09	
4762.60	0	00:12:00	123.0
4762.60		00:11:51	
4762.60		00:11:42	123.0
4762.60	0	00:11:33	
4762.61		00:11:24	123.0
4762.60		00:11:15	
4762.61		00:11:06	123.0
4762.60	0	00:10:57	
4762.61		00:10:48	123.0
4762.62		00:10:39	
4762.62	0	00:10:30	123.0
4762.63		00:10:21	
4762.63		00:10:12	123.1
4762.63	0	00:10:03	
4762.63		00:09:54	123.1
4762.64		00:09:45	
4762.64		00:09:36	123.1
4762.64	0	00:09:27	
4762.65		00:09:18	123.1
4762.65		00:09:09	
4762.67	0	00:09:00	123.1
4762.68		00:08:51	
4762.68		00:08:42	123.1
4762.70	0	00:08:33	
4762.72		00:08:24	123.1
4762.72		00:08:15	
4762.71		00:08:06	123.1
4762.73	0	00:07:57	
4762.75		00:07:48	123.2
4762.78		00:07:39	
4762.79	0	00:07:30	123.2
4761.70		00:07:21	
4662.52		00:07:12	123.2
4687.86	0	00:07:03	
4763.41		00:06:54	123.2
4763.82		00:06:45	
4763.66		00:06:36	123.3
4763.64	0	00:06:27	
4763.89		00:06:18	123.3
4764.03		00:06:09	
4764.26	0	00:06:00	123.3
4763.82		00:05:51	
4764.20		00:05:42	123.4
4764.48	0	00:05:33	
4764.69		00:05:24	123.4
4764.59		00:05:15	
4686.40		00:05:06	123.4
4705.08	0	00:04:57	
5257.53		00:04:48	123.7
5323.41		00:04:39	
5304.59	0	00:04:30	123.7
5314.59		00:04:21	



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])

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: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 26−Nov−2004 15:03

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_112LTP	FN:177	PRODUCER	26−Nov−2004 15:03
RT_BACKUP	MDT_OFA_112LTP	FN:178	PRODUCER	26−Nov−2004 15:02

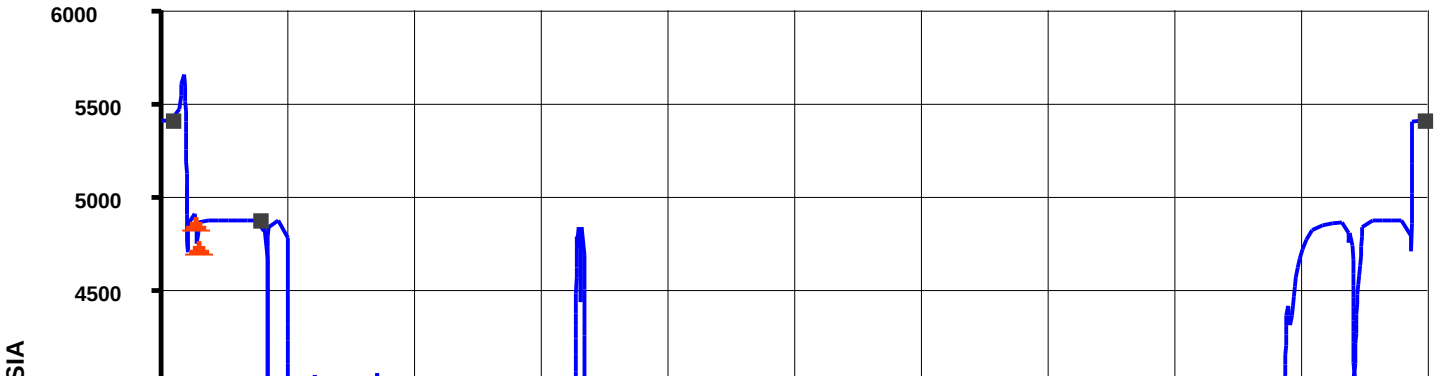
Schlumberger

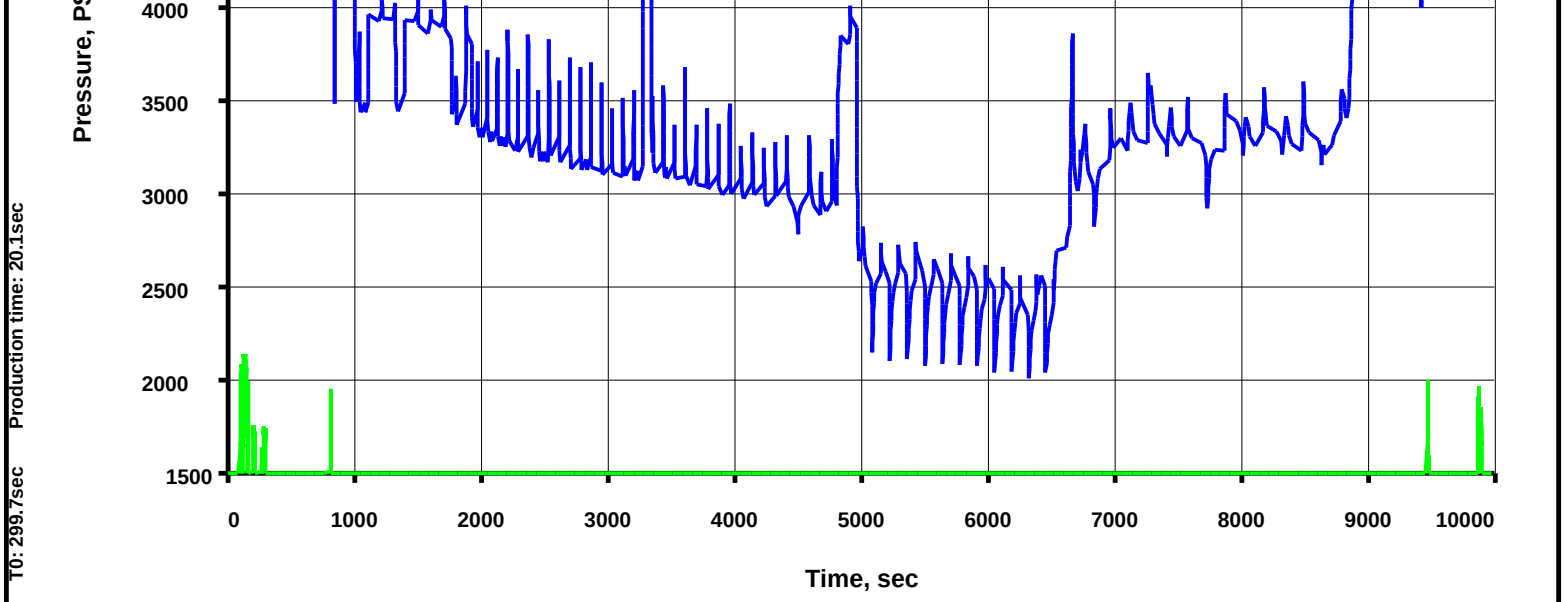
Sample @ 3386.5 mMD

MAXIS Field Log

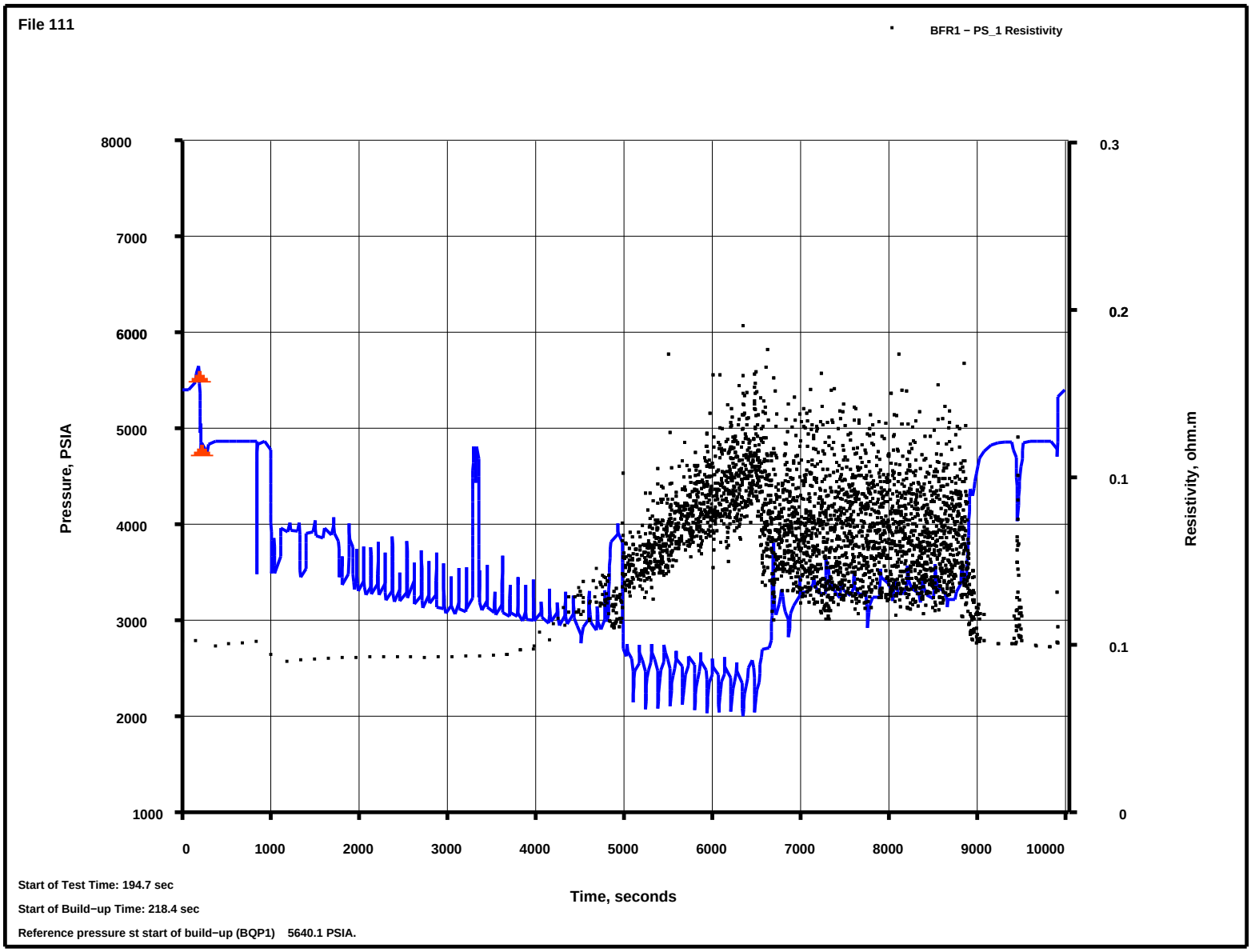
File 111 Depth, M: 3386.46 Volumetric Limited draw−down − Large−Diameter probe

Mud Pressure before test, PSIA:	5404.02
Mud Pressure after test, PSIA:	5404.75
Last build−up pressure, PSIA:	4871.89
Draw−down mobility, md/cp:	9.3





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



Start of Test Time: 194.7 sec

Start of Build−up Time: 218.4 sec

Reference pressure st start of build−up (BQP1) 5640.1 PSIA.

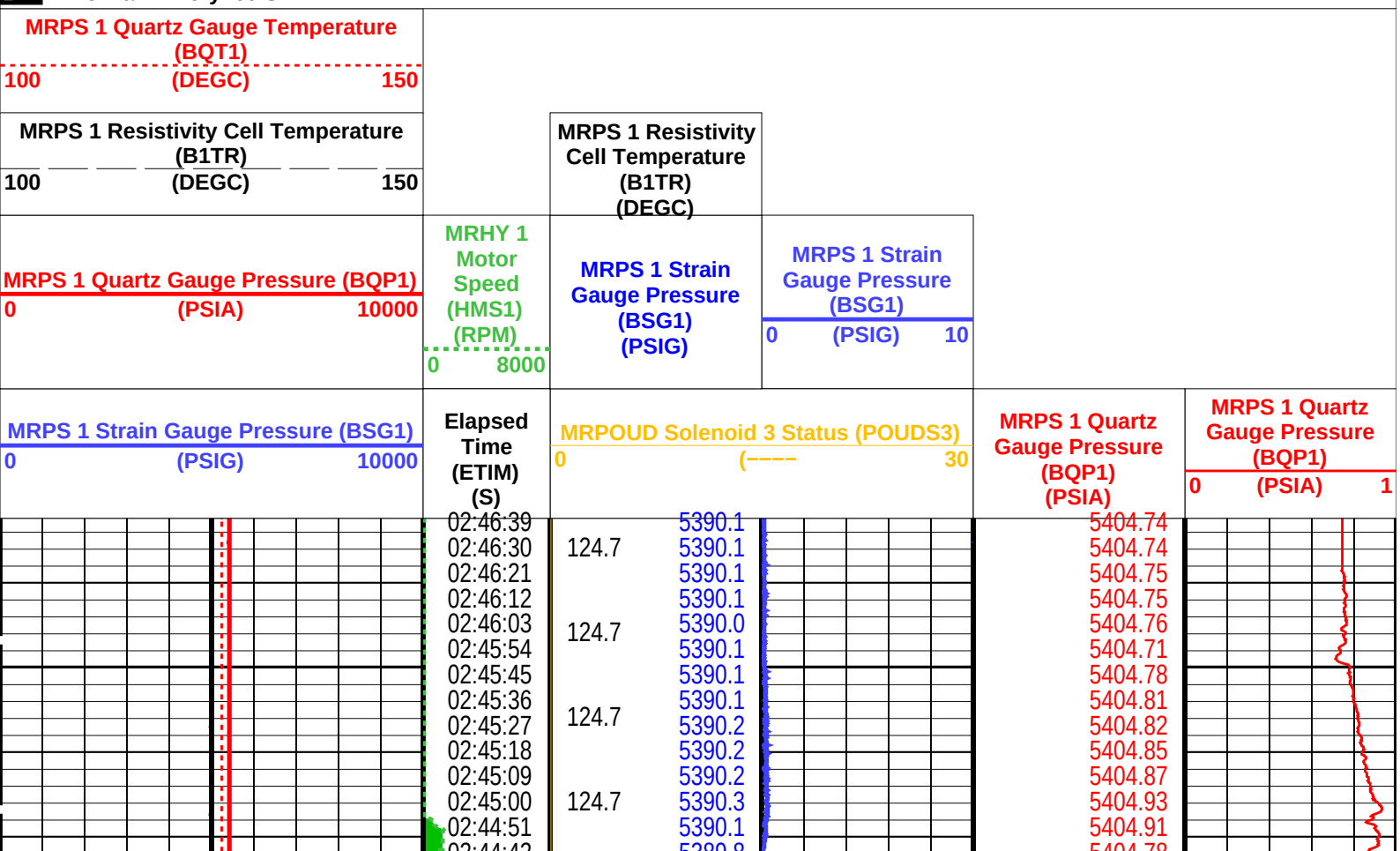
Output DLIS Files

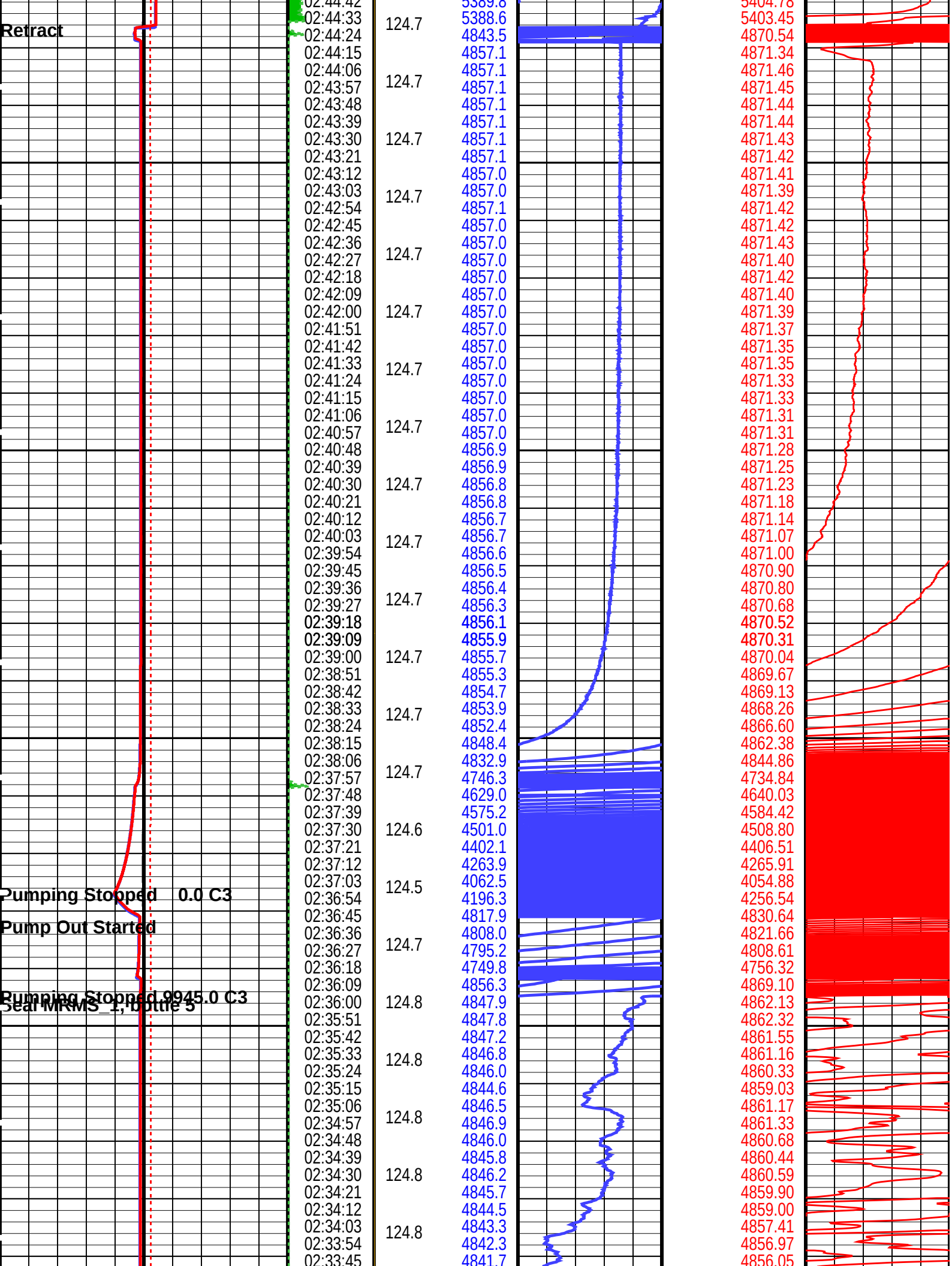
DEFAULT	MDT_OFA_111LTP	FN:175	PRODUCER	26−Nov−2004 12:06	3386.5 M	25.4 M
RT_BACKUP	MDT_OFA_111LTP	FN:176	PRODUCER	26−Nov−2004 12:06	3386.5 M	25.4 M

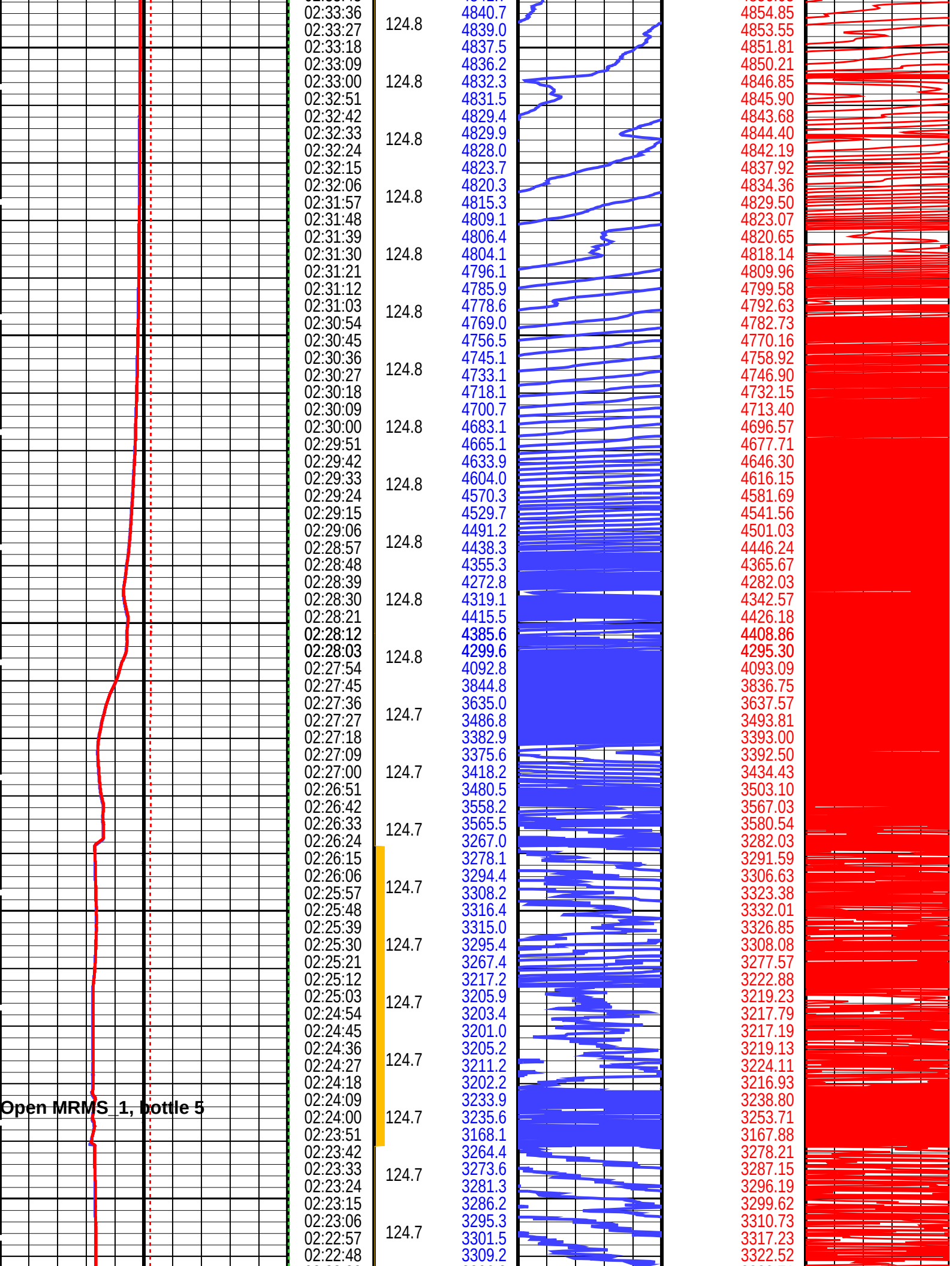
Elapsed Time (s)	Event Summary
9870.0	Retract Single Probe Module (MRPS) 1
9419.4	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
9402.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
9366.0	Pumping Stopped 9945.0 C3 Dual Up−down Pumpout Module (MRPOUD)
9362.1	Seal Multi−Sample Module (MRMS) 1, bottle 5
8648.7	Open Multi−Sample Module (MRMS) 1, bottle 5, sample number = 1
6666.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
6661.5	Pumping Stopped 24570.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3339.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
3328.5	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3309.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
3295.2	Pumping Stopped 15210.0 C3 Dual Up−down Pumpout Module (MRPOUD)
996.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
963.3	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
945.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
905.7	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
887.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
861.6	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
839.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
278.7	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
194.7	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
116.7	Probe Set @ 3386.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S




Retract
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 9945.0 C3
Seal MRMS_1, bottle 5



02:33:36		4840.7	4854.85
02:33:27	124.8	4839.0	4853.55
02:33:18		4837.5	4851.81
02:33:09		4836.2	4850.21
02:33:00	124.8	4832.3	4846.85
02:32:51		4831.5	4845.90
02:32:42		4829.4	4843.68
02:32:33	124.8	4829.9	4844.40
02:32:24		4828.0	4842.19
02:32:15		4823.7	4837.92
02:32:06	124.8	4820.3	4834.36
02:31:57		4815.3	4829.50
02:31:48		4809.1	4823.07
02:31:39		4806.4	4820.65
02:31:30	124.8	4804.1	4818.14
02:31:21		4796.1	4809.96
02:31:12		4785.9	4799.58
02:31:03	124.8	4778.6	4792.63
02:30:54		4769.0	4782.73
02:30:45		4756.5	4770.16
02:30:36	124.8	4745.1	4758.92
02:30:27		4733.1	4746.90
02:30:18		4718.1	4732.15
02:30:09		4700.7	4713.40
02:30:00	124.8	4683.1	4696.57
02:29:51		4665.1	4677.71
02:29:42		4633.9	4646.30
02:29:33	124.8	4604.0	4616.15
02:29:24		4570.3	4581.69
02:29:15		4529.7	4541.56
02:29:06	124.8	4491.2	4501.03
02:28:57		4438.3	4446.24
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02:28:39		4272.8	4282.03
02:28:30	124.8	4319.1	4342.57
02:28:21		4415.5	4426.18
02:28:12		4385.6	4408.86
02:28:03	124.8	4299.6	4295.30
02:27:54		4092.8	4093.09
02:27:45		3844.8	3836.75
02:27:36		3635.0	3637.57
02:27:27	124.7	3486.8	3493.81
02:27:18		3382.9	3393.00
02:27:09		3375.6	3392.50
02:27:00	124.7	3418.2	3434.43
02:26:51		3480.5	3503.10
02:26:42		3558.2	3567.03
02:26:33	124.7	3565.5	3580.54
02:26:24		3267.0	3282.03
02:26:15		3278.1	3291.59
02:26:06		3294.4	3306.63
02:25:57	124.7	3308.2	3323.38
02:25:48		3316.4	3332.01
02:25:39		3315.0	3326.85
02:25:30	124.7	3295.4	3308.08
02:25:21		3267.4	3277.57
02:25:12		3217.2	3222.88
02:25:03	124.7	3205.9	3219.23
02:24:54		3203.4	3217.79
02:24:45		3201.0	3217.19
02:24:36		3205.2	3219.13
02:24:27	124.7	3211.2	3224.11
02:24:18		3202.2	3216.93
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02:23:51		3168.1	3167.88
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02:23:24		3281.3	3296.19
02:23:15		3286.2	3299.62
02:23:06		3295.3	3310.73
02:22:57	124.7	3301.5	3317.23
02:22:48		3309.2	3322.52

02:22:39		3306.8	3320.71
02:22:30	124.7	3313.5	3327.72
02:22:21		3315.9	3330.32
02:22:12		3312.8	3329.57
02:22:03	124.7	3329.0	3343.88
02:21:54		3347.1	3362.14
02:21:45		3370.6	3388.62
02:21:36		3471.8	3520.57
02:21:27	124.8	3586.8	3585.54
02:21:18		3215.3	3230.03
02:21:09		3220.0	3232.61
02:21:00	124.7	3222.4	3233.95
02:20:51		3216.8	3232.84
02:20:42		3226.6	3239.96
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02:20:24		3223.6	3238.12
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02:19:03	124.7	3324.8	3339.56
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02:18:18		3282.3	3295.99
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02:16:57		3329.6	3343.77
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02:16:30	124.8	3402.5	3417.41
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02:15:09		3243.5	3260.46
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02:14:15		3333.3	3355.03
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02:13:48		3349.9	3362.52
02:13:39		3278.8	3282.43
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02:13:21		3307.3	3322.12
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02:13:03	124.8	3344.5	3358.53
02:12:54		3362.5	3378.63
02:12:45		3379.7	3392.64
02:12:36		3375.2	3389.55
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02:11:42		3426.2	3439.46

02:11:42		3426.2	3439.46
02:11:33	124.8	3396.8	3408.29
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02:11:06		3216.5	3231.08
02:10:57	124.8	3220.9	3232.97
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02:09:27	124.8	3193.0	3206.22
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02:09:00	124.8	3027.9	3031.46
02:08:51		2888.6	2904.69
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02:08:24		3261.2	3274.01
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02:07:30	124.8	3250.4	3264.43
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02:07:12		3263.8	3277.34
02:07:03	124.8	3265.5	3281.32
02:06:54		3272.7	3286.65
02:06:45		3291.7	3305.84
02:06:36		3302.7	3318.82
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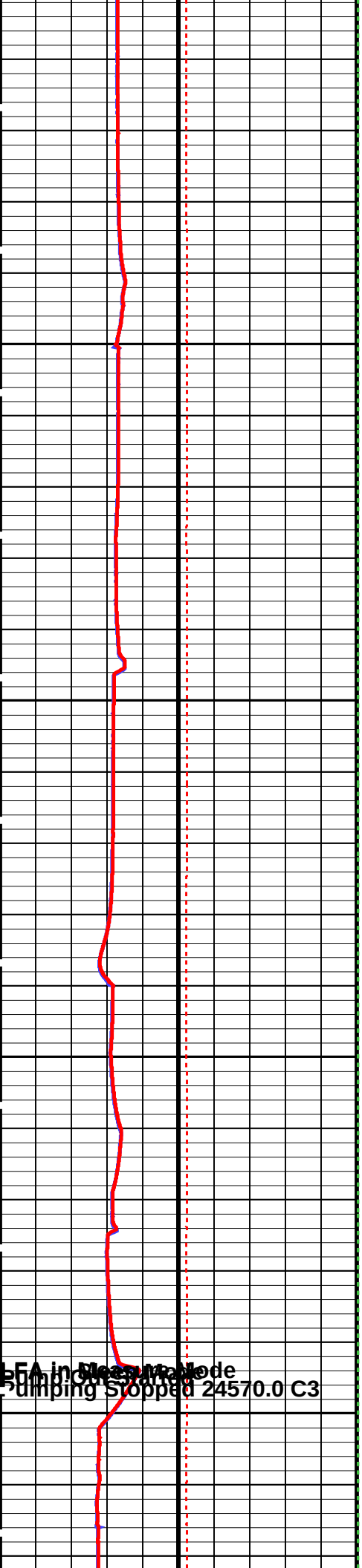

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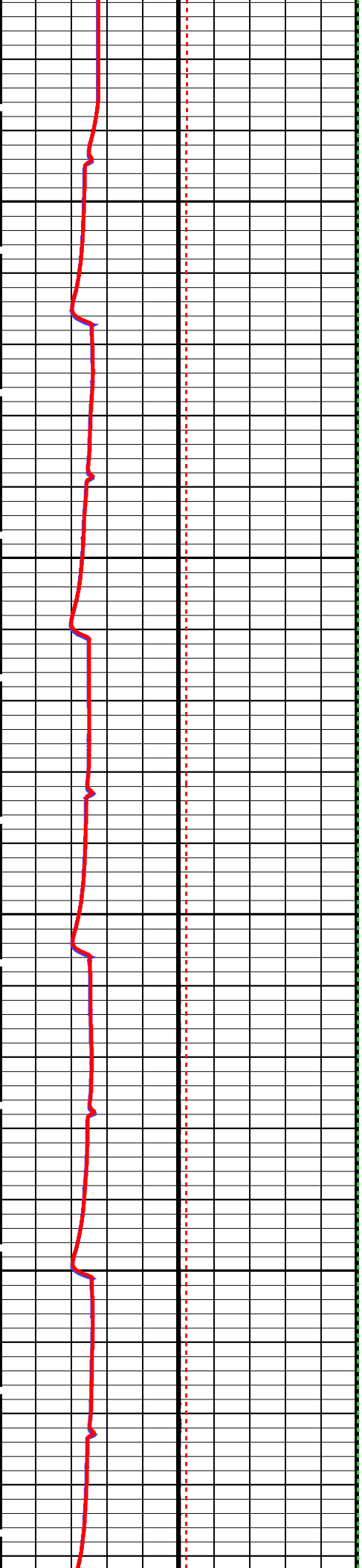

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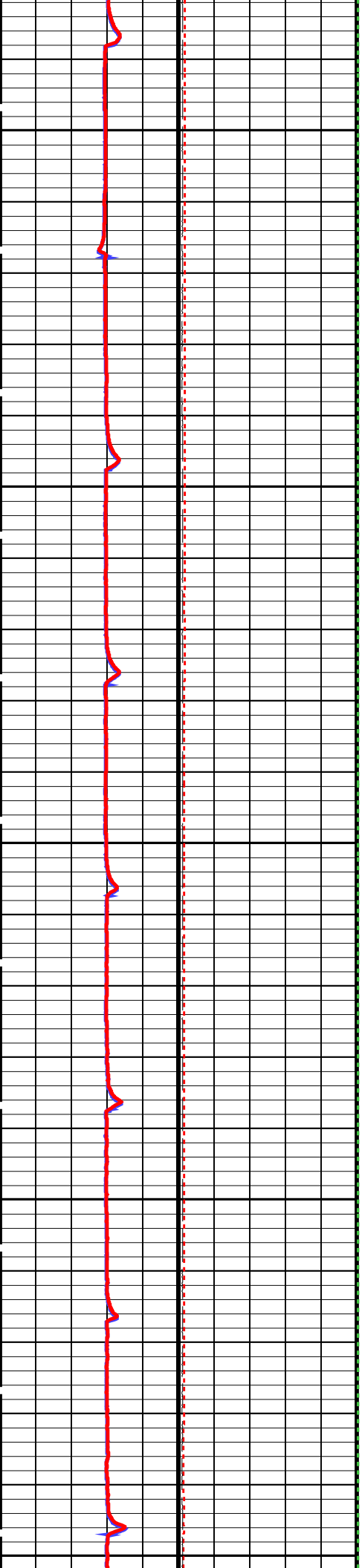

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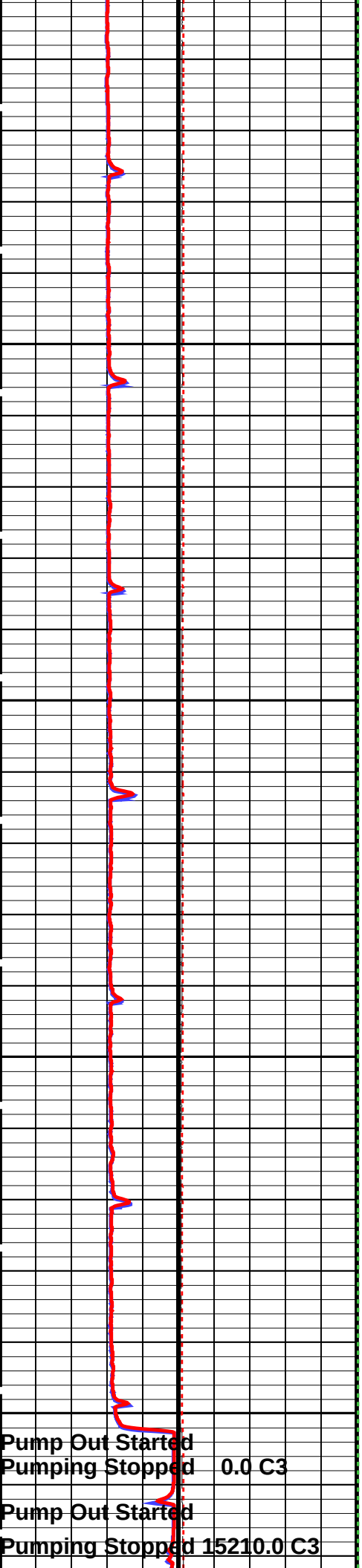

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01:01:03	125.4	3031.1		3050.48
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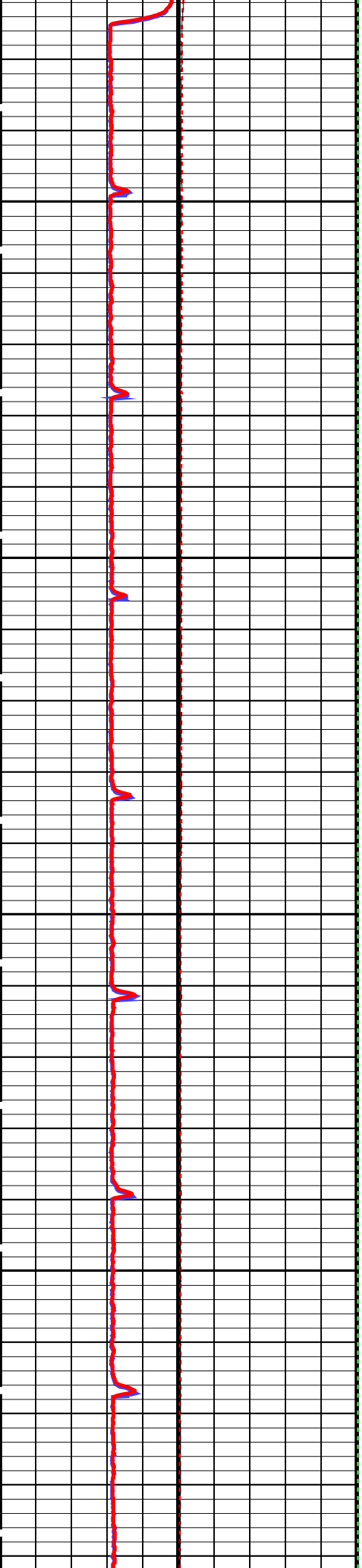

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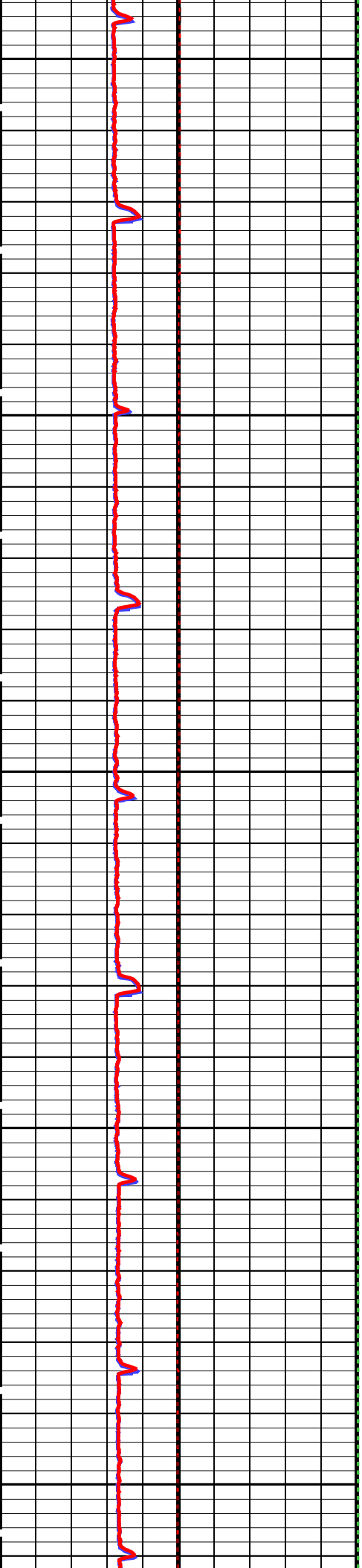

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00:39:00	125.0	3212.8	3216.42
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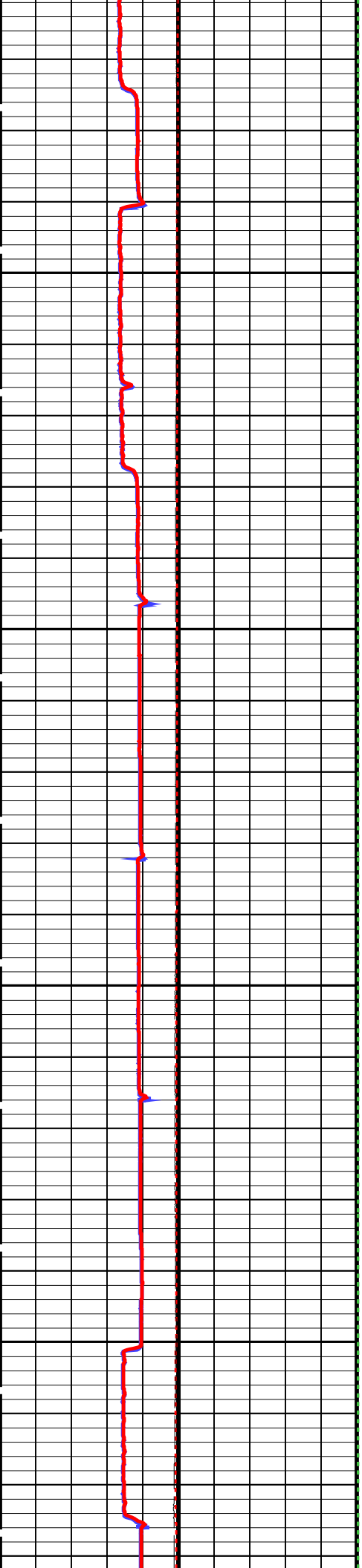

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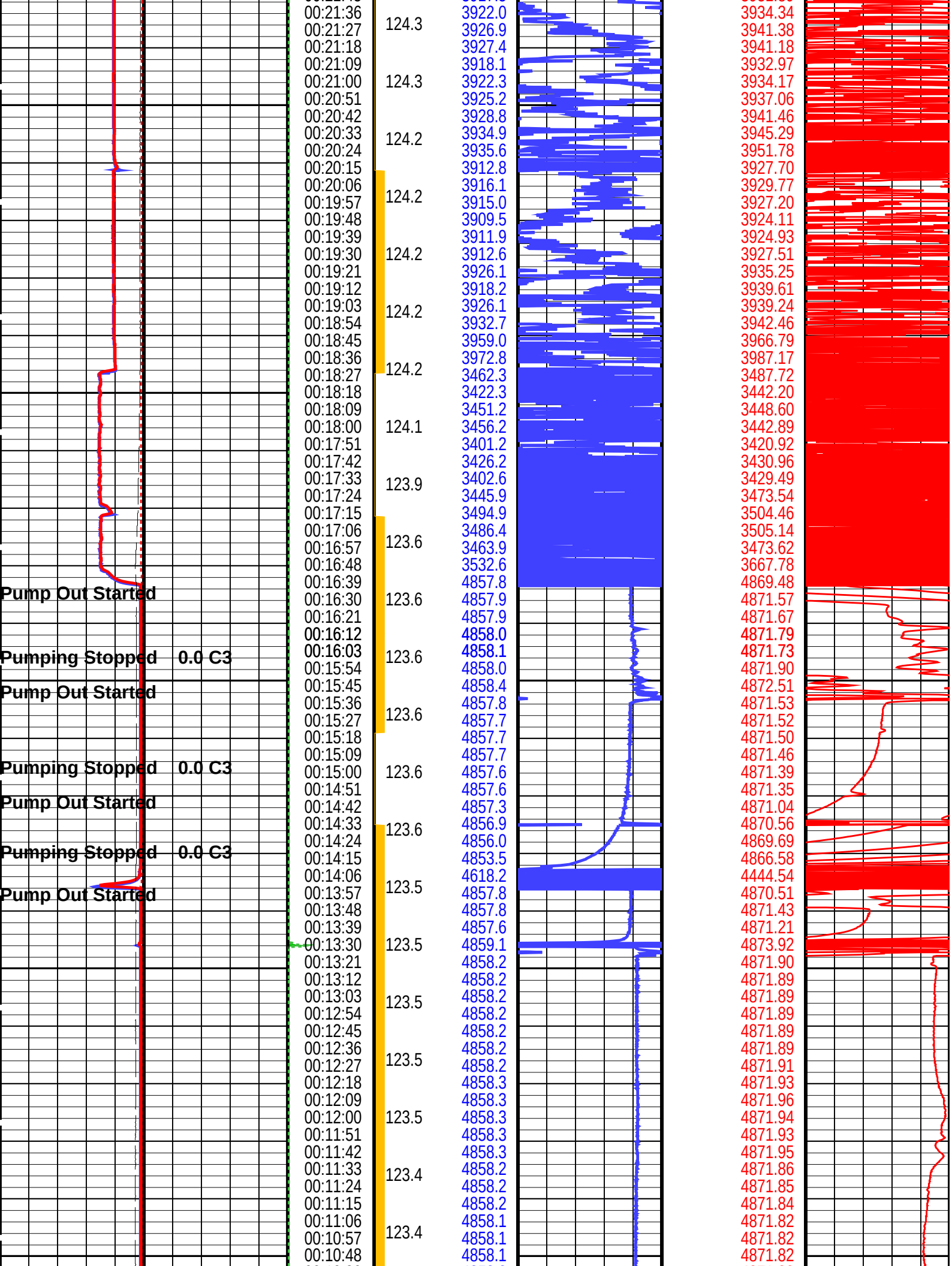

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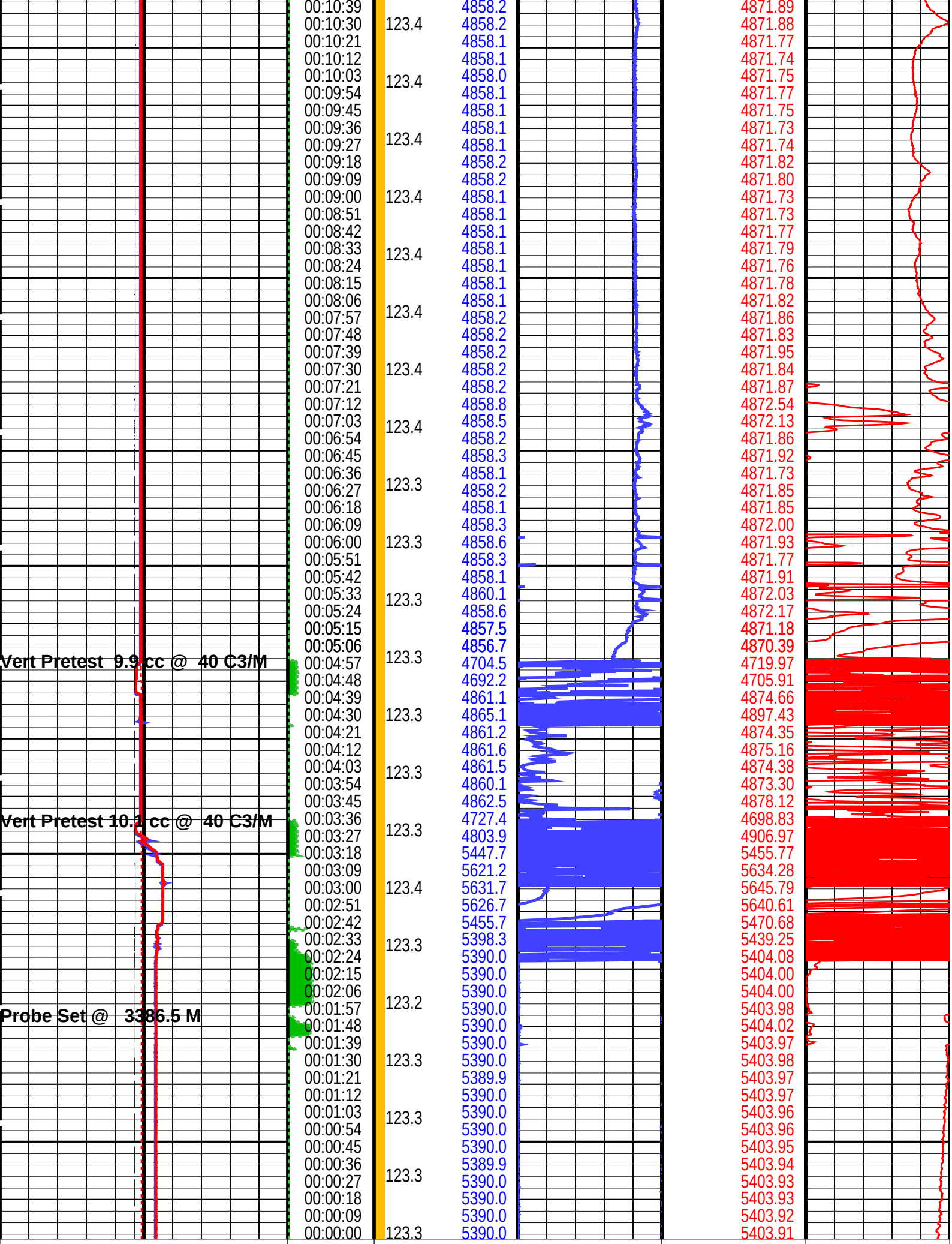
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Vert Pretest 10.1 cc @ 40 C3/M
Probe Set @ 3386.5 M
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Elapsed
MRPOUP Solenoid 2 Status (POUPS2)
MRPS 1 Quartz
MRPS 1 Quartz Gauge Pressure

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10000	Time (ETIM) (S)	MRPOUD Solenoid 3 Status (POUDS3) 0 (---- 30	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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 26-Nov-2004 12:06

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	MRMS_2	12C0-301
MRPC	12C0-301	SGT-L	12C0-301
TCC-BF	12C0-301		

Output DLIS Files

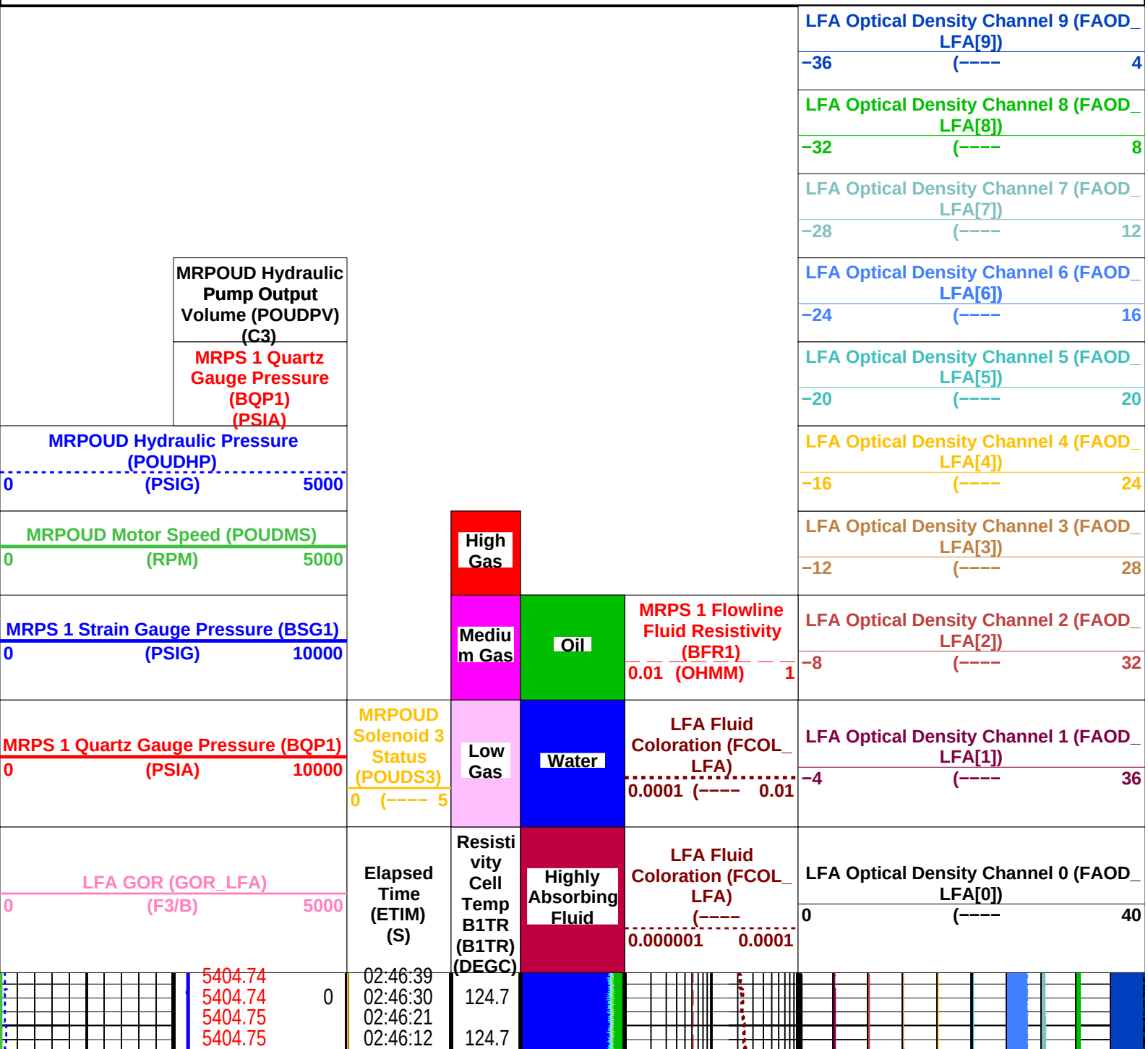
DEFAULT	MDT_OFA_111LTP	FN:175	PRODUCER	26-Nov-2004 12:06
RT_BACKUP	MDT_OFA_111LTP	FN:176	PRODUCER	26-Nov-2004 12:06

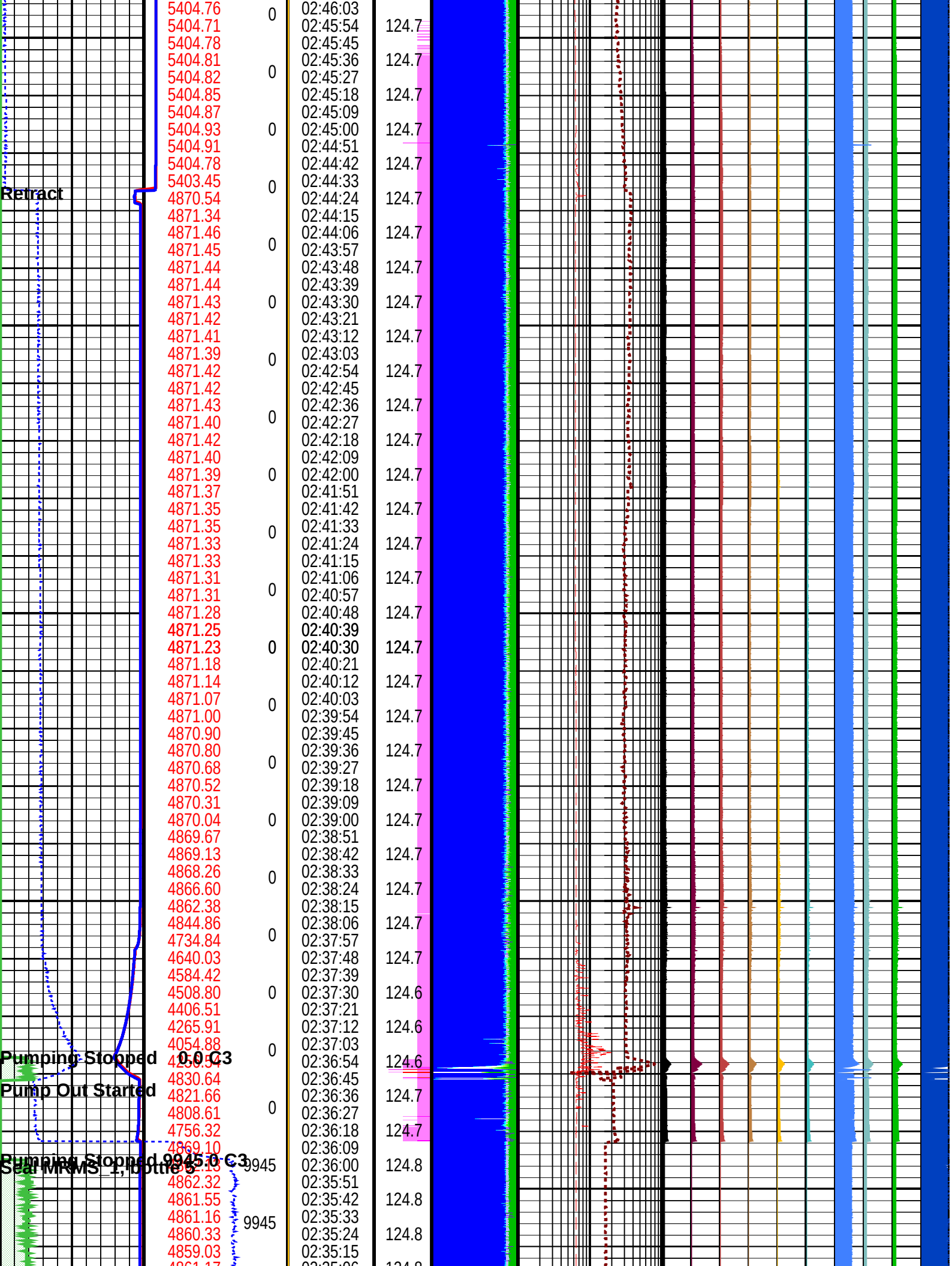
Output DLIS Files

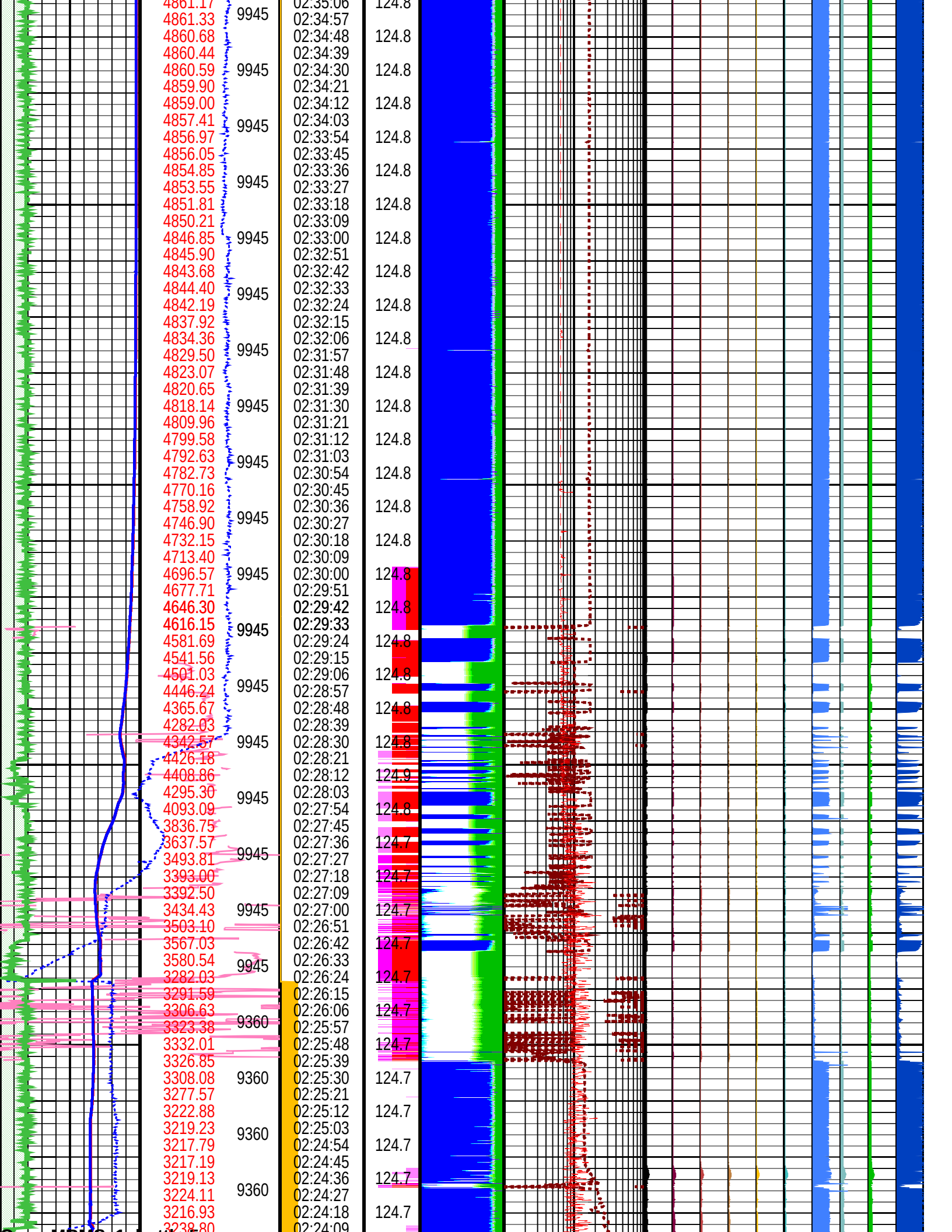
DEFAULT	MDT_OFA_111LTP	FN:175	PRODUCER	26-Nov-2004 12:06	3386.5 M	25.4 M
RT_BACKUP	MDT_OFA_111LTP	FN:176	PRODUCER	26-Nov-2004 12:06	3386.5 M	25.4 M

Elapsed Time (s)	Event Summary
9870.0	Retract Single Probe Module (MRPS) 1
9419.4	Pumping Stopped 0.0 C3 Dual Up-down Pumpout Module (MRPOUD)
9402.6	Pump Out Started Dual Up-down Pumpout Module (MRPOUD)
9366.0	Pumping Stopped 9945.0 C3 Dual Up-down Pumpout Module (MRPOUD)
9362.1	Seal Multi-Sample Module (MRMS) 1, bottle 5
8648.7	Open Multi-Sample Module (MRMS) 1, bottle 5, sample number = 1
6666.0	Pump Out Started Dual Up-down Pumpout Module (MRPOUD)

6661.5	Pumping Stopped 24570.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3339.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
3328.5	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3309.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
3295.2	Pumping Stopped 15210.0 C3 Dual Up−down Pumpout Module (MRPOUD)
996.6	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
963.3	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
945.0	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
905.7	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
887.7	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
861.6	Pumping Stopped 0.0 C3 Dual Up−down Pumpout Module (MRPOUD)
839.4	Pump Out Started Dual Up−down Pumpout Module (MRPOUD)
278.7	Vert Pretest 9.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
194.7	Vert Pretest 10.1 cc @ 40 C3/M Single Probe Module (MRPS) 1
116.7	Probe Set @ 3386.5 M Single Probe Module (MRPS) 1




Retract
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 9945.0 C3
Seal MRMS_1, bottle 5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4860.68 02:34:48 124.8
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4859.90 02:34:21
4859.00 02:34:12 124.8
4857.41 9945 02:34:03
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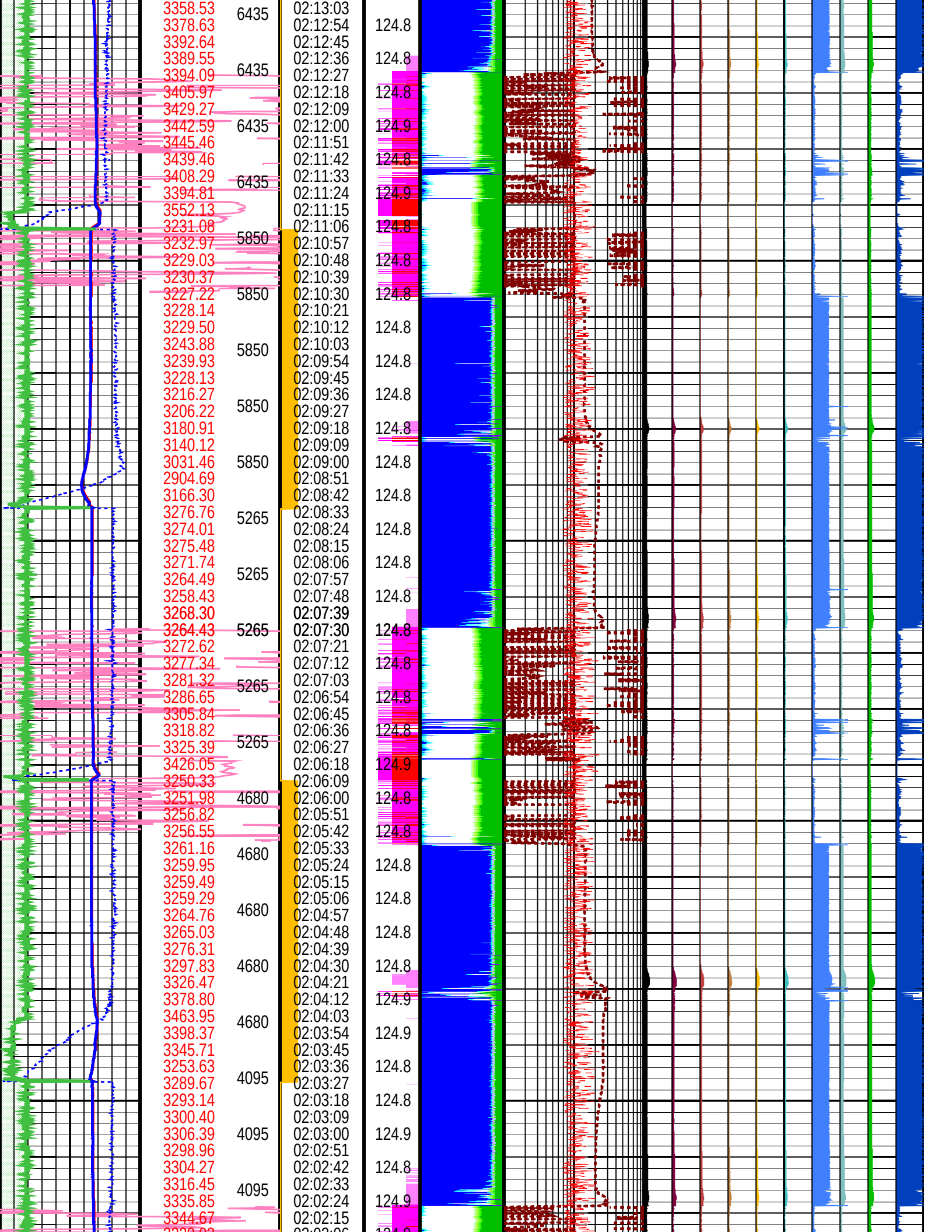
4856.05 02:33:45
4854.85 02:33:36 124.8
4853.55 9945 02:33:27
4851.81 02:33:18 124.8
4850.21 02:33:09
4846.85 9945 02:33:00 124.8
4845.90 02:32:51
4843.68 02:32:42 124.8
4844.40 9945 02:32:33
4842.19 02:32:24 124.8
4837.92 02:32:15
4834.36 02:32:06 124.8
4829.50 9945 02:31:57
4823.07 02:31:48 124.8
4820.65 02:31:39
4818.14 9945 02:31:30 124.8
4809.96 02:31:21
4799.58 02:31:12 124.8
4792.63 9945 02:31:03
4782.73 02:30:54 124.8
4770.16 02:30:45
4758.92 02:30:36 124.8
4746.90 9945 02:30:27
4732.15 02:30:18 124.8
4713.40 02:30:09
4696.57 9945 02:30:00 124.8
4677.71 02:29:51
4646.30 02:29:42 124.8
4616.15 9945 02:29:33
4581.69 02:29:24 124.8
4541.56 02:29:15
4501.03 02:29:06 124.8
4446.24 9945 02:28:57
4365.67 02:28:48 124.8
4282.03 02:28:39
4342.57 9945 02:28:30 124.8
4426.18 02:28:21
4408.86 02:28:12 124.9
4295.30 9945 02:28:03
4093.09 02:27:54 124.8
3836.75 02:27:45
3637.57 02:27:36 124.7
3493.81 9945 02:27:27
3393.00 02:27:18 124.7
3392.50 02:27:09
3434.43 9945 02:27:00 124.7
3503.10 02:26:51
3567.03 02:26:42 124.7
3580.54 9945 02:26:33
3282.03 02:26:24 124.7
3291.59 02:26:15
3306.63 02:26:06 124.7
3323.38 9360 02:25:57
3332.01 02:25:48 124.7
3326.85 02:25:39
3308.08 9360 02:25:30 124.7
3277.57 02:25:21
3222.88 02:25:12 124.7
3219.23 9360 02:25:03
3217.79 02:24:54 124.7
3217.19 02:24:45
3219.13 02:24:36 124.7
3224.11 9360 02:24:27
3216.93 02:24:18 124.7
3238.80 02:24:09

Open MRMS_1, bottle 5

3253.71	9360	02:24:00	124.7
3167.88		02:23:51	
3278.21		02:23:42	124.7
3287.15	8775	02:23:33	
3296.19		02:23:24	124.7
3299.62		02:23:15	
3310.73		02:23:06	124.7
3317.23	8775	02:22:57	
3322.52		02:22:48	124.7
3320.71		02:22:39	
3327.72	8775	02:22:30	124.7
3330.32		02:22:21	
3329.57		02:22:12	124.7
3343.88	8775	02:22:03	
3362.14		02:21:54	124.7
3388.62		02:21:45	
3520.57		02:21:36	124.8
3585.54	8775	02:21:27	
3230.03		02:21:18	124.7
3232.61		02:21:09	
3233.95	8190	02:21:00	124.7
3232.84		02:20:51	
3239.96		02:20:42	124.7
3238.90	8190	02:20:33	
3238.12		02:20:24	124.7
3244.17		02:20:15	
3252.56		02:20:06	124.7
3264.48	8190	02:19:57	
3274.76		02:19:48	124.7
3293.46		02:19:39	
3329.30	8190	02:19:30	124.8
3414.46		02:19:21	
3418.14		02:19:12	124.8
3339.56	8190	02:19:03	
3292.74		02:18:54	124.7
3218.37		02:18:45	
3278.97		02:18:36	124.8
3285.47	7605	02:18:27	
3295.99		02:18:18	124.8
3312.33		02:18:09	
3330.88	7605	02:18:00	124.8
3330.69		02:17:51	
3332.66		02:17:42	124.8
3329.16	7605	02:17:33	
3324.97		02:17:24	124.8
3331.31		02:17:15	
3338.41		02:17:06	124.8
3343.77	7605	02:16:57	
3351.31		02:16:48	124.8
3378.91		02:16:39	
3417.41	7605	02:16:30	124.8
3588.45		02:16:21	
3271.15		02:16:12	124.8
3277.18	7020	02:16:03	
3282.90		02:15:54	124.8
3282.85		02:15:45	
3264.03		02:15:36	124.8
3244.49	7020	02:15:27	
3250.31		02:15:18	124.8
3260.46		02:15:09	
3262.87	7020	02:15:00	124.8
3267.25		02:14:51	
3268.69		02:14:42	124.8
3282.90	7020	02:14:33	
3308.35		02:14:24	124.8
3355.03		02:14:15	
3453.25		02:14:06	124.8
3408.04	7020	02:13:57	
3362.52		02:13:48	124.8
3282.43		02:13:39	
3311.19	6435	02:13:30	124.8
3322.12		02:13:21	
3336.86		02:13:12	124.8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3405.97 02:12:18 124.8
3429.27 02:12:09
3442.59 6435 02:12:00 124.9
3445.46 02:11:51
3439.46 02:11:42 124.8
3408.29 6435 02:11:33
3394.81 02:11:24 124.9
3552.13 02:11:15
3231.08 02:11:06 124.8
3232.97 5850 02:10:57
3229.03 02:10:48 124.8
3230.37 02:10:39
3227.22 5850 02:10:30 124.8
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3243.88 5850 02:10:03
3239.93 02:09:54 124.8
3228.13 02:09:45
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3206.22 5850 02:09:27
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3140.12 02:09:09
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3264.49 5265 02:07:57
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3268.30 02:07:39
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3272.62 02:07:21
3277.34 02:07:12 124.8
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3305.84 02:06:45
3318.82 02:06:36 124.8
3325.39 5265 02:06:27
3426.05 02:06:18 124.9
3250.33 02:06:09
3251.98 4680 02:06:00 124.8
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3259.95 02:05:24 124.8
3259.49 02:05:15
3259.29 02:05:06 124.8
3264.76 4680 02:04:57
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3297.83 4680 02:04:30 124.8
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3463.95 4680 02:04:03
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3289.67 4095 02:03:27
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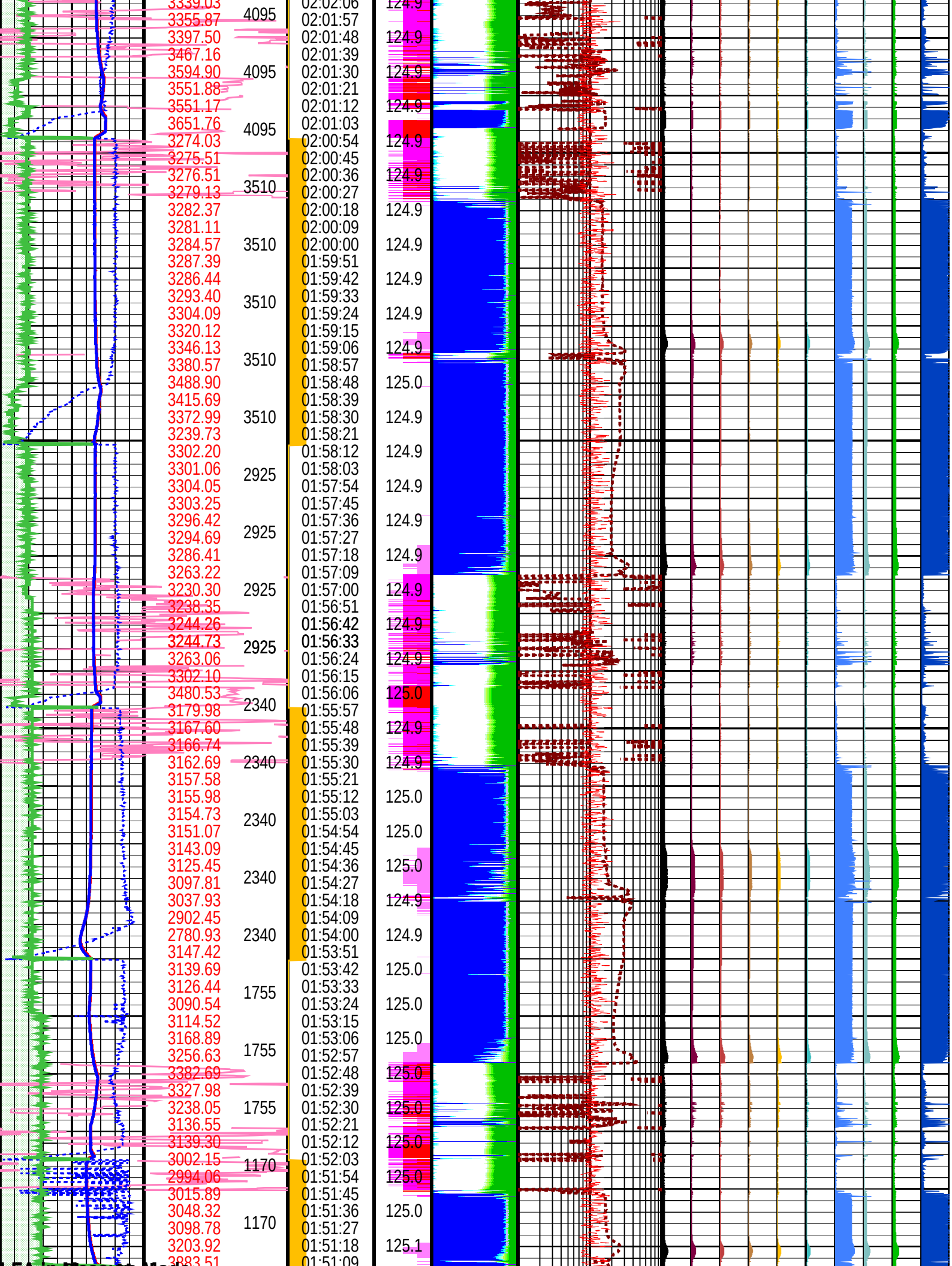

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3551.17		02:01:12	124.9
3651.76	4095	02:01:03	
3274.03		02:00:54	124.9
3275.51		02:00:45	
3276.51		02:00:36	124.9
3279.13	3510	02:00:27	
3282.37		02:00:18	124.9
3281.11		02:00:09	
3284.57	3510	02:00:00	124.9
3287.39		01:59:51	
3286.44		01:59:42	124.9
3293.40	3510	01:59:33	
3304.09		01:59:24	124.9
3320.12		01:59:15	
3346.13		01:59:06	124.9
3380.57	3510	01:58:57	
3488.90		01:58:48	125.0
3415.69		01:58:39	
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3303.25		01:57:45	
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3294.69	2925	01:57:27	
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3263.22		01:57:09	
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3238.35		01:56:51	
3244.26		01:56:42	124.9
3244.73	2925	01:56:33	
3263.06		01:56:24	124.9
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3167.60		01:55:48	124.9
3166.74		01:55:39	
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3157.58		01:55:21	
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3154.73	2340	01:55:03	
3151.07		01:54:54	125.0
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3037.93		01:54:18	124.9
2902.45		01:54:09	
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3139.69		01:53:42	125.0
3126.44	1755	01:53:33	
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3168.89		01:53:06	125.0
3256.63	1755	01:52:57	
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3015.89		01:51:45	
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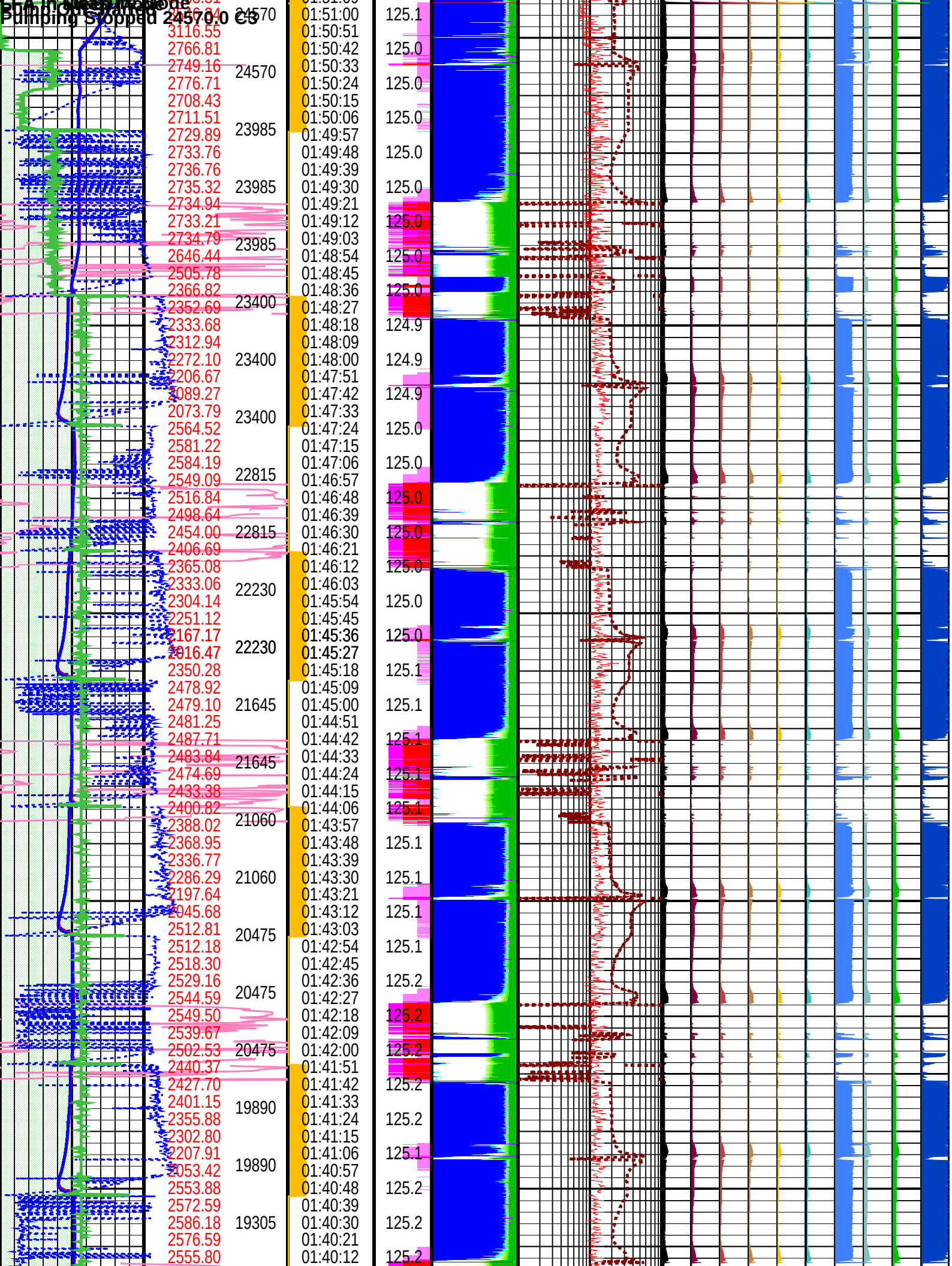
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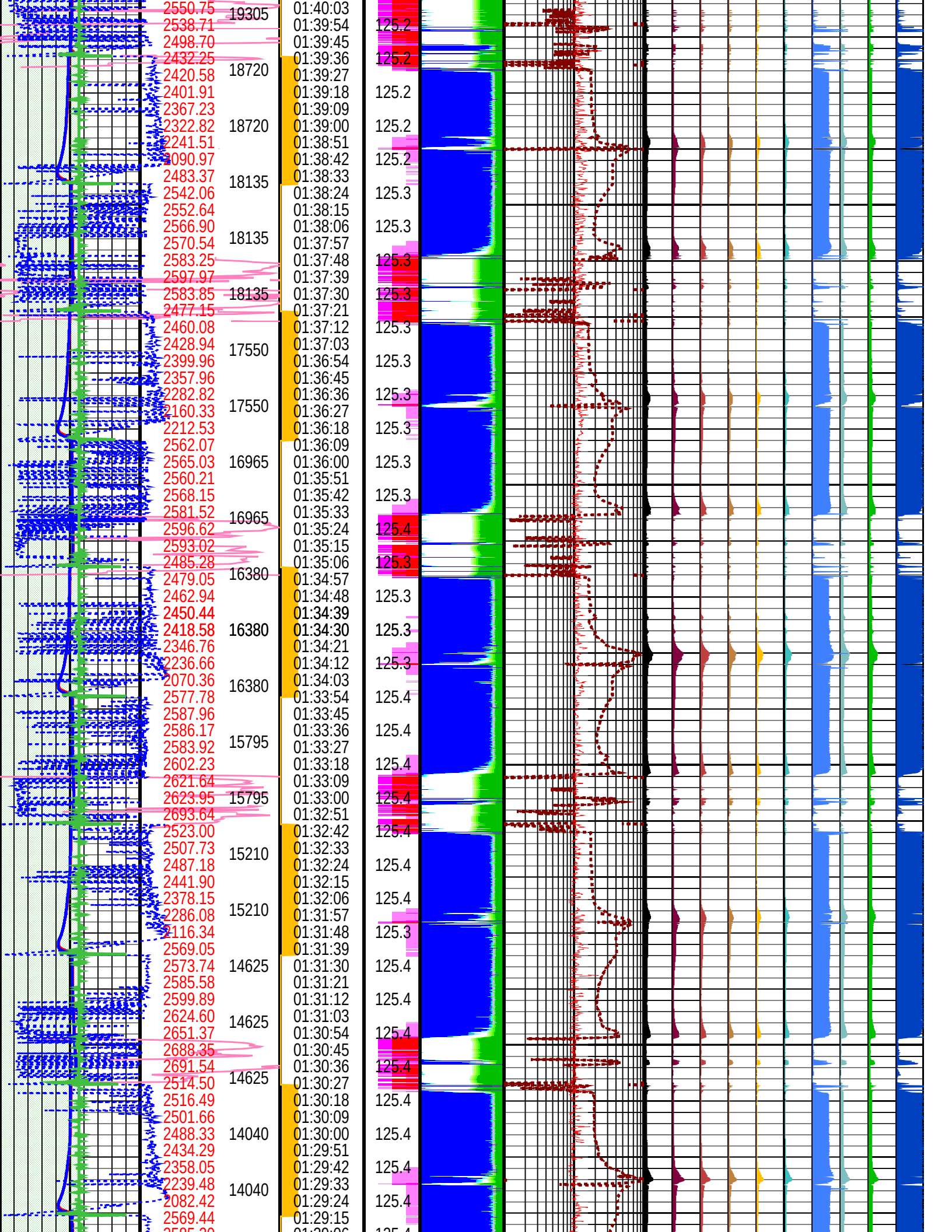
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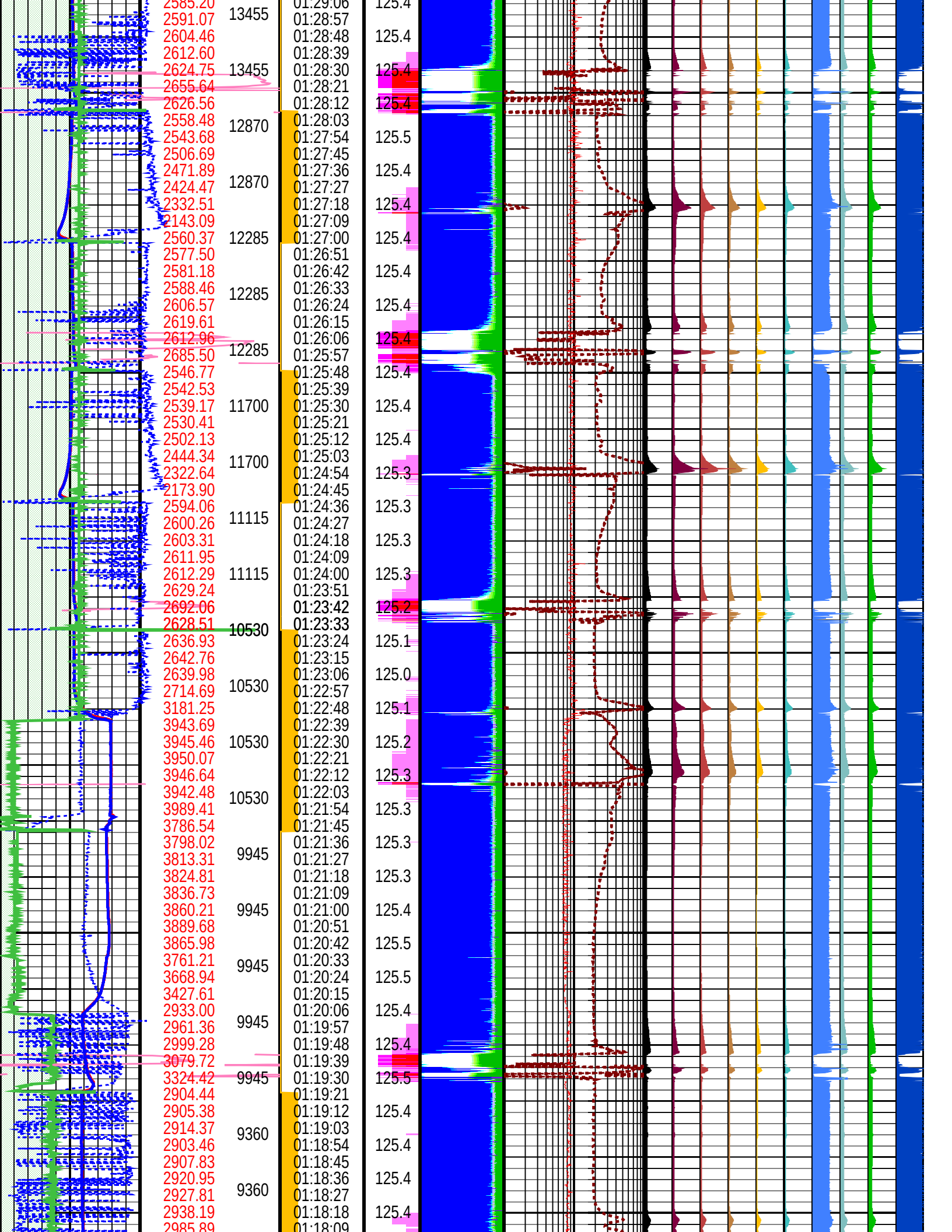
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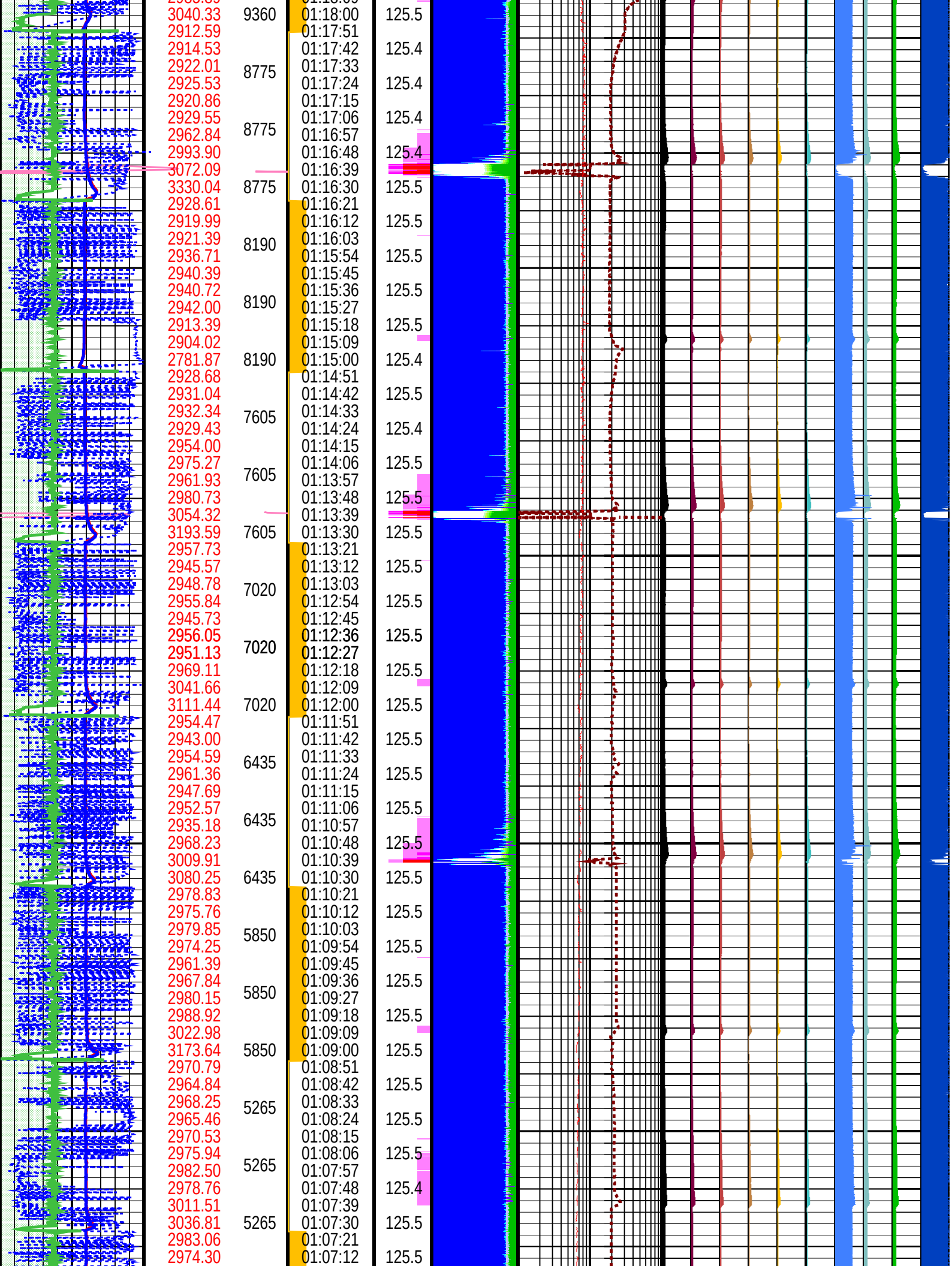

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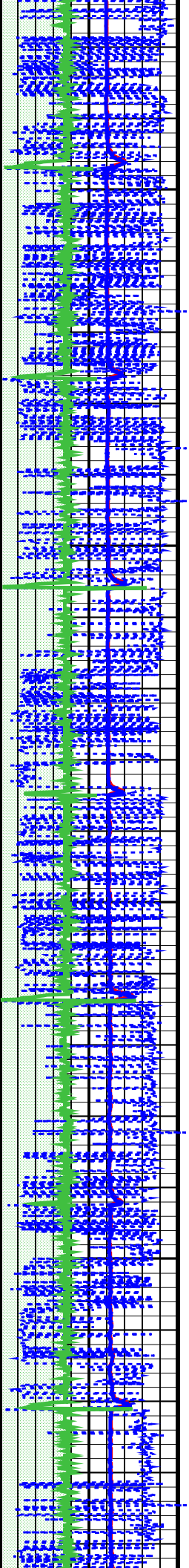

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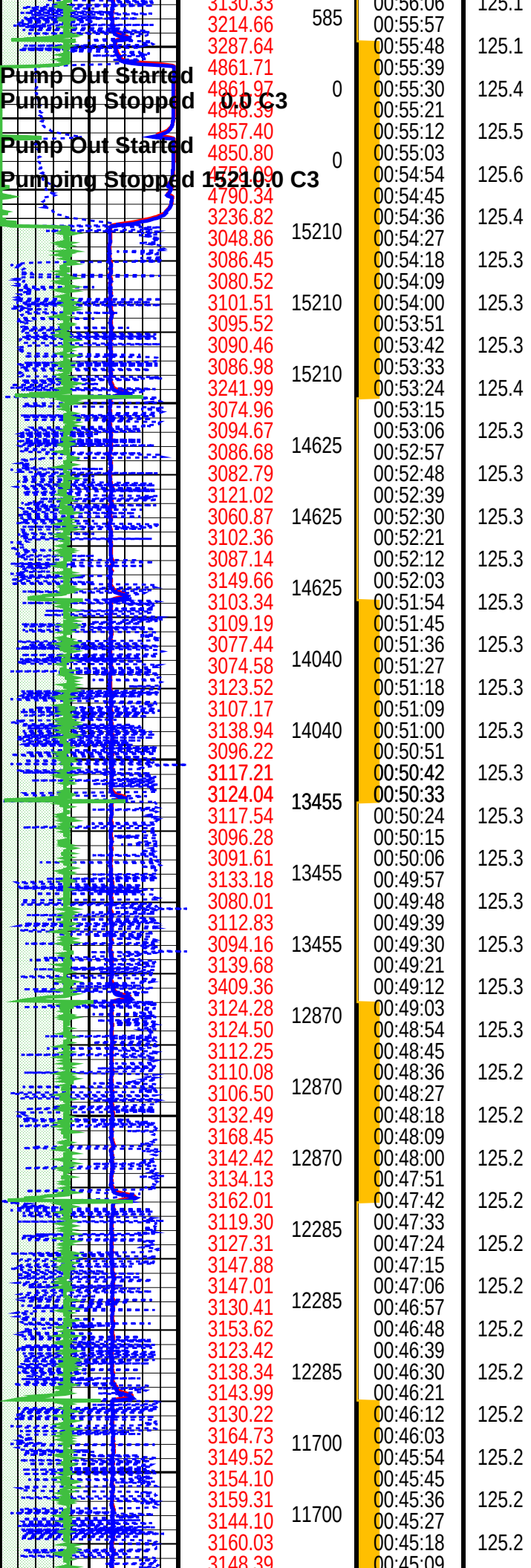

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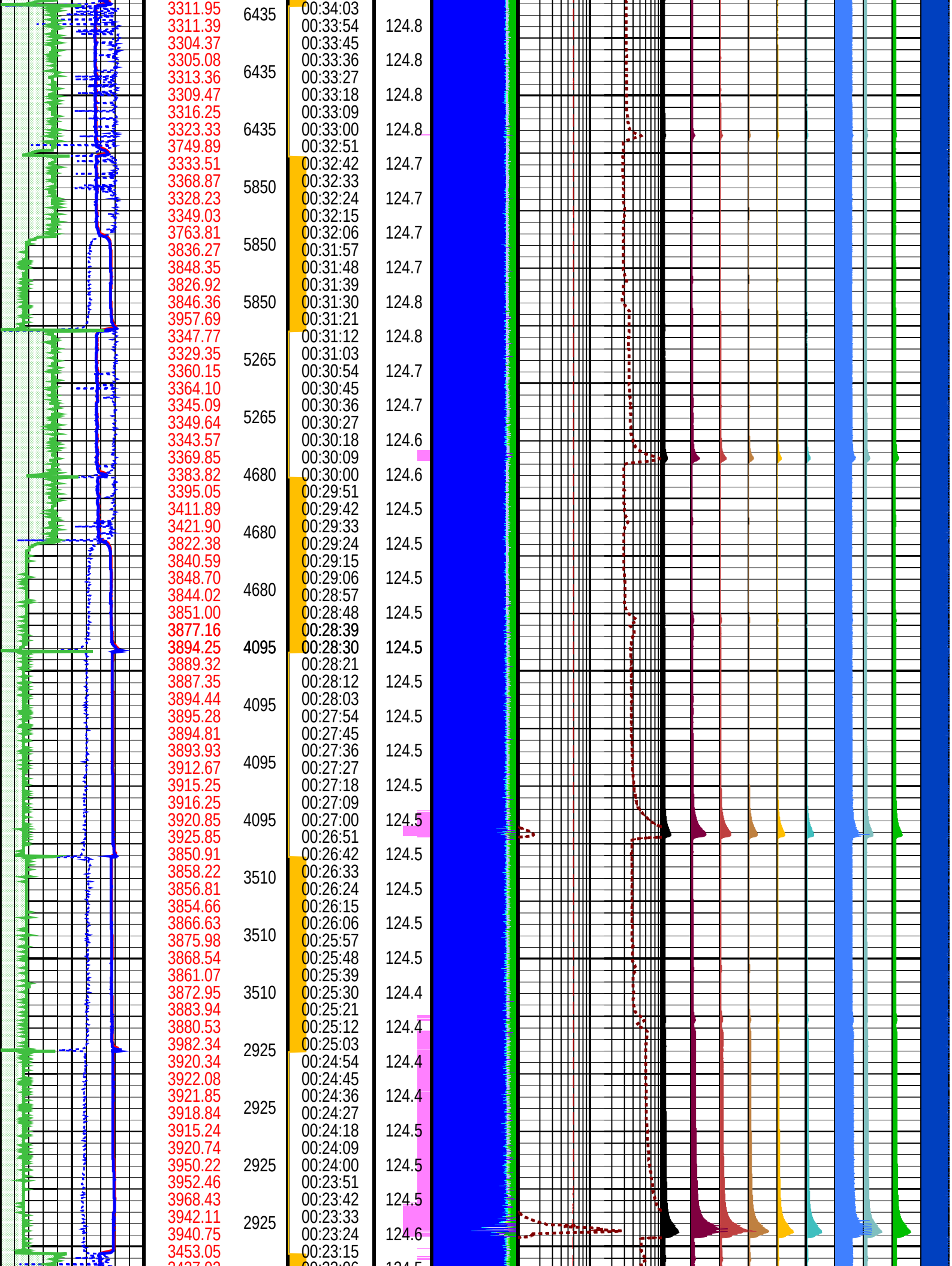

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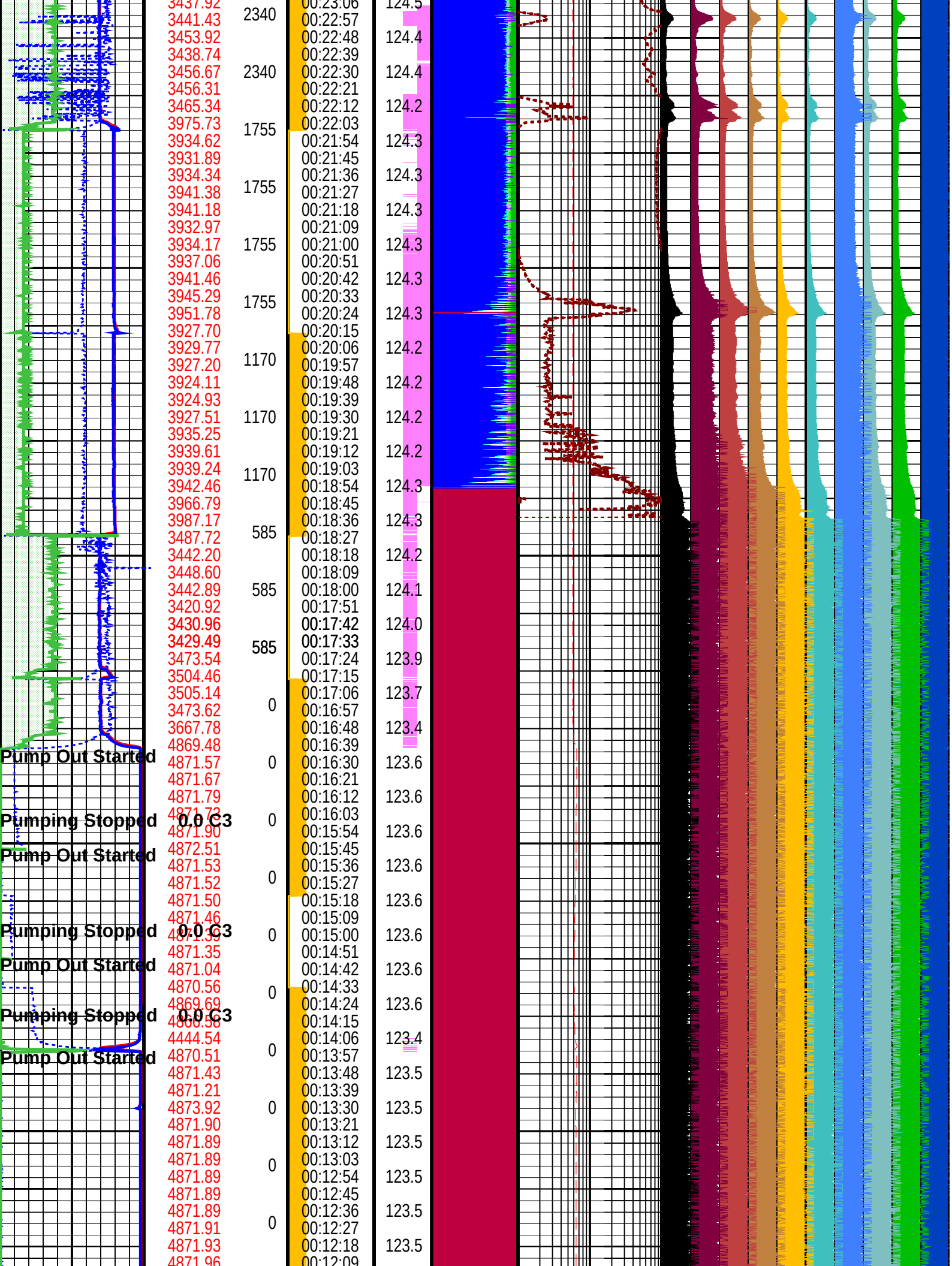
3916.25		00:27:09	
3920.85	4095	00:27:00	124.5
3925.85		00:26:51	
3850.91		00:26:42	124.5
3858.22	3510	00:26:33	
3856.81		00:26:24	124.5
3854.66		00:26:15	
3866.63		00:26:06	124.5
3875.98	3510	00:25:57	
3868.54		00:25:48	124.5
3861.07		00:25:39	
3872.95	3510	00:25:30	124.4
3883.94		00:25:21	
3880.53		00:25:12	124.4
3982.34	2925	00:25:03	
3920.34		00:24:54	124.4
3922.08		00:24:45	
3921.85		00:24:36	124.4
3918.84	2925	00:24:27	
3915.24		00:24:18	124.5
3920.74		00:24:09	
3950.22	2925	00:24:00	124.5
3952.46		00:23:51	
3968.43		00:23:42	124.5
3942.11	2925	00:23:33	
3940.75		00:23:24	124.6
3453.05		00:23:15	

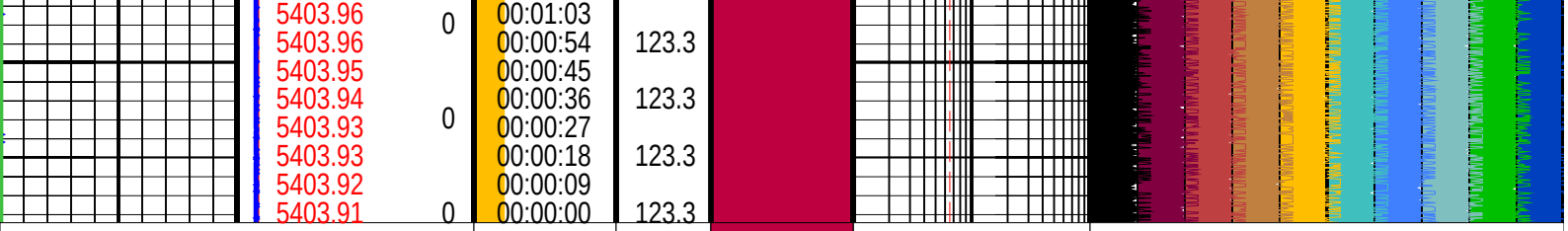

Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started
Pumping Stopped 0.0 C3
Pump Out Started

4871.94	0	00:12:00	123.5
4871.93		00:11:51	
4871.95		00:11:42	123.4
4871.86	0	00:11:33	
4871.85		00:11:24	123.4
4871.84		00:11:15	
4871.82		00:11:06	123.4
4871.82	0	00:10:57	
4871.82		00:10:48	123.4
4871.89		00:10:39	
4871.88	0	00:10:30	123.4
4871.77		00:10:21	
4871.74		00:10:12	123.4
4871.75	0	00:10:03	
4871.77		00:09:54	123.4
4871.75		00:09:45	
4871.73		00:09:36	123.4
4871.74	0	00:09:27	
4871.82		00:09:18	123.4
4871.80		00:09:09	
4871.73	0	00:09:00	123.4
4871.73		00:08:51	
4871.77		00:08:42	123.4
4871.79	0	00:08:33	
4871.76		00:08:24	123.4
4871.78		00:08:15	
4871.82		00:08:06	123.4
4871.86	0	00:07:57	
4871.83		00:07:48	123.4
4871.95		00:07:39	
4871.84	0	00:07:30	123.4
4871.87		00:07:21	
4872.54		00:07:12	123.3
4872.13	0	00:07:03	
4871.86		00:06:54	123.3
4871.92		00:06:45	
4871.73		00:06:36	123.3
4871.85	0	00:06:27	
4871.85		00:06:18	123.3
4872.00		00:06:09	
4871.93	0	00:06:00	123.3
4871.77		00:05:51	
4871.91		00:05:42	123.3
4872.03	0	00:05:33	
4872.17		00:05:24	123.3
4871.18		00:05:15	
4870.39		00:05:06	123.3
[illegible]	0	00:04:57	
4705.91		00:04:48	123.3
4874.66		00:04:39	
4897.43	0	00:04:30	123.3
4874.35		00:04:21	
4875.16		00:04:12	123.3
4874.38	0	00:04:03	
4873.30		00:03:54	123.3
4878.12		00:03:45	
[illegible]		00:03:36	123.2
4906.97	0	00:03:27	
5455.77		00:03:18	123.4
5634.28		00:03:09	
5645.79	0	00:03:00	123.4
5640.61		00:02:51	
5470.68		00:02:42	123.3
5439.25	0	00:02:33	
5404.08		00:02:24	123.3
5404.00		00:02:15	
5404.00		00:02:06	123.2
5403.98	0	00:01:57	
5404.02		00:01:48	123.2
5403.97		00:01:39	
5403.98	0	00:01:30	123.3
5403.97		00:01:21	
5403.97		00:01:12	123.3

Vert Pretest 9.9 cc @ 40 C3/M

Vert Pretest 10.1 cc @ 40 C3/M

Probe Set @ 3386.5 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 **	

SATL_LFA	LFA Saturation Level of Optical Density Measurement	** V **	
TCPS_STATUS_LFA	LFA Temperature Compensation Coefficient Status	VALID	
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: LFA_Station_with_MRPS−1 Vertical Scale: 1" per 60S Graphics File Created: 26−Nov−2004 12:06

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_111LTP	FN:175	PRODUCER	26−Nov−2004 12:06
RT_BACKUP	MDT_OFA_111LTP	FN:176	PRODUCER	26−Nov−2004 12:06

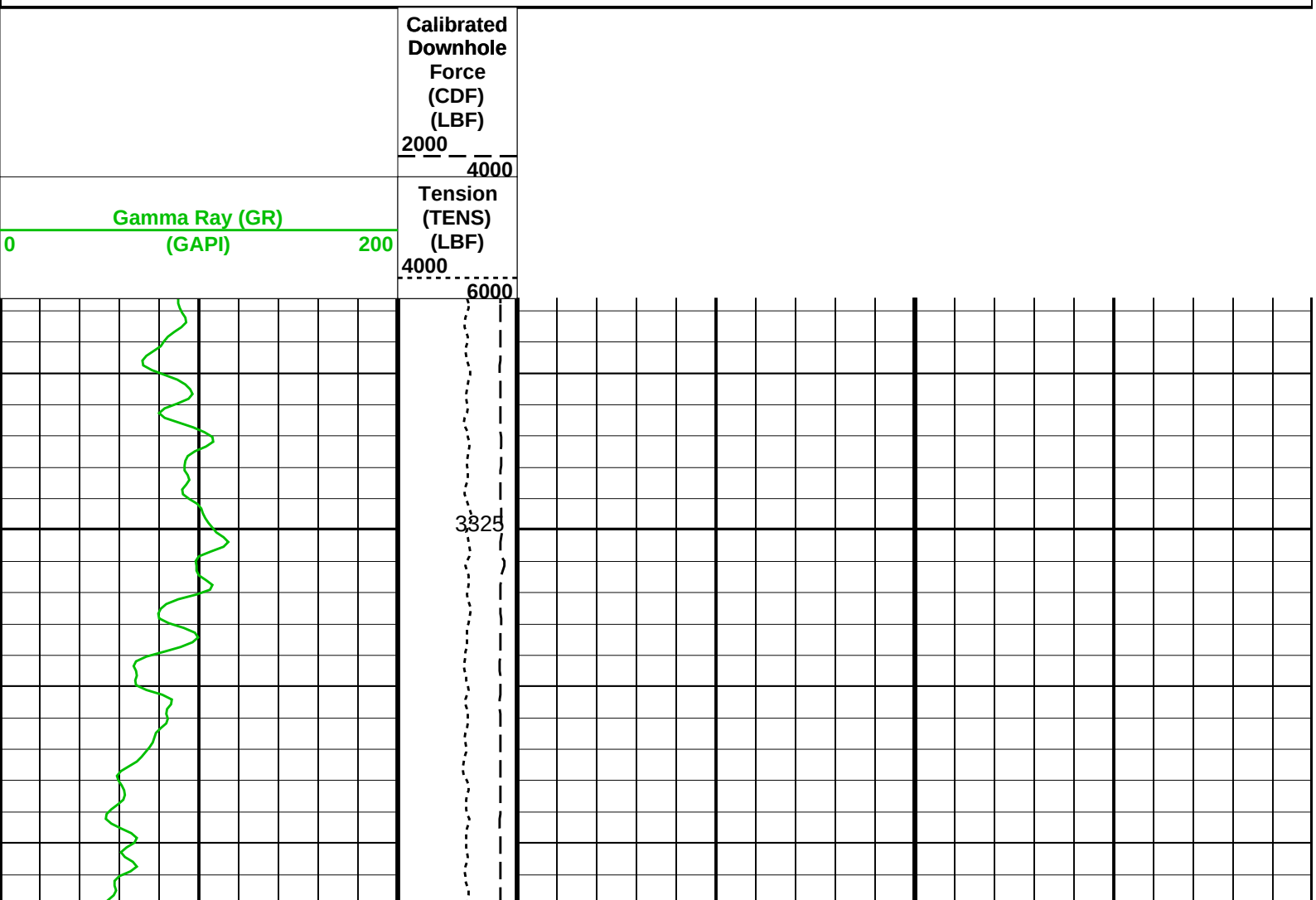
Output DLIS Files

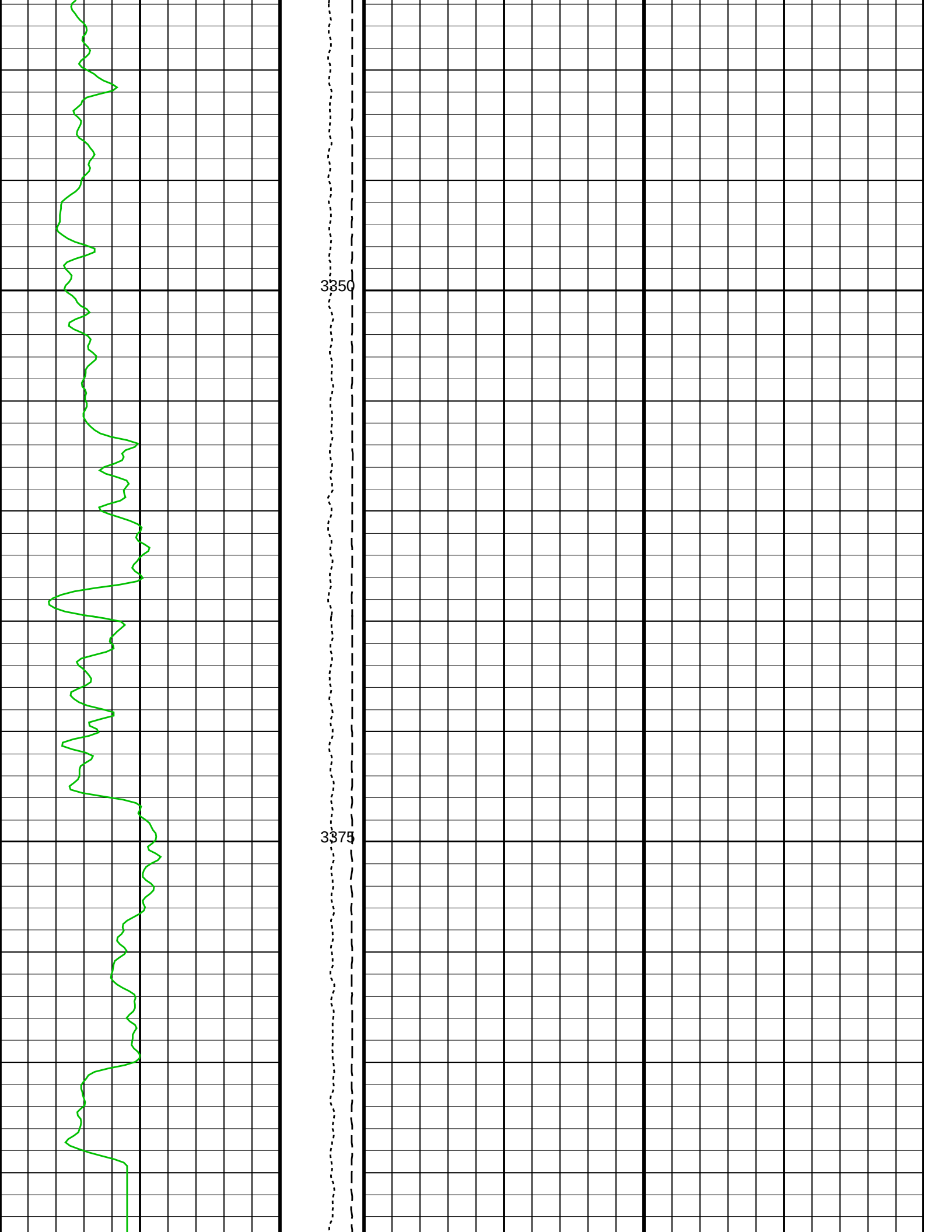
DEFAULT	MDT_OFA_110LUP	FN:173	PRODUCER	26−Nov−2004 11:52	3409.5 M	3317.6 M
RT_BACKUP	MDT_OFA_110LUP	FN:174	PRODUCER	26−Nov−2004 11:51	3409.5 M	3317.6 M

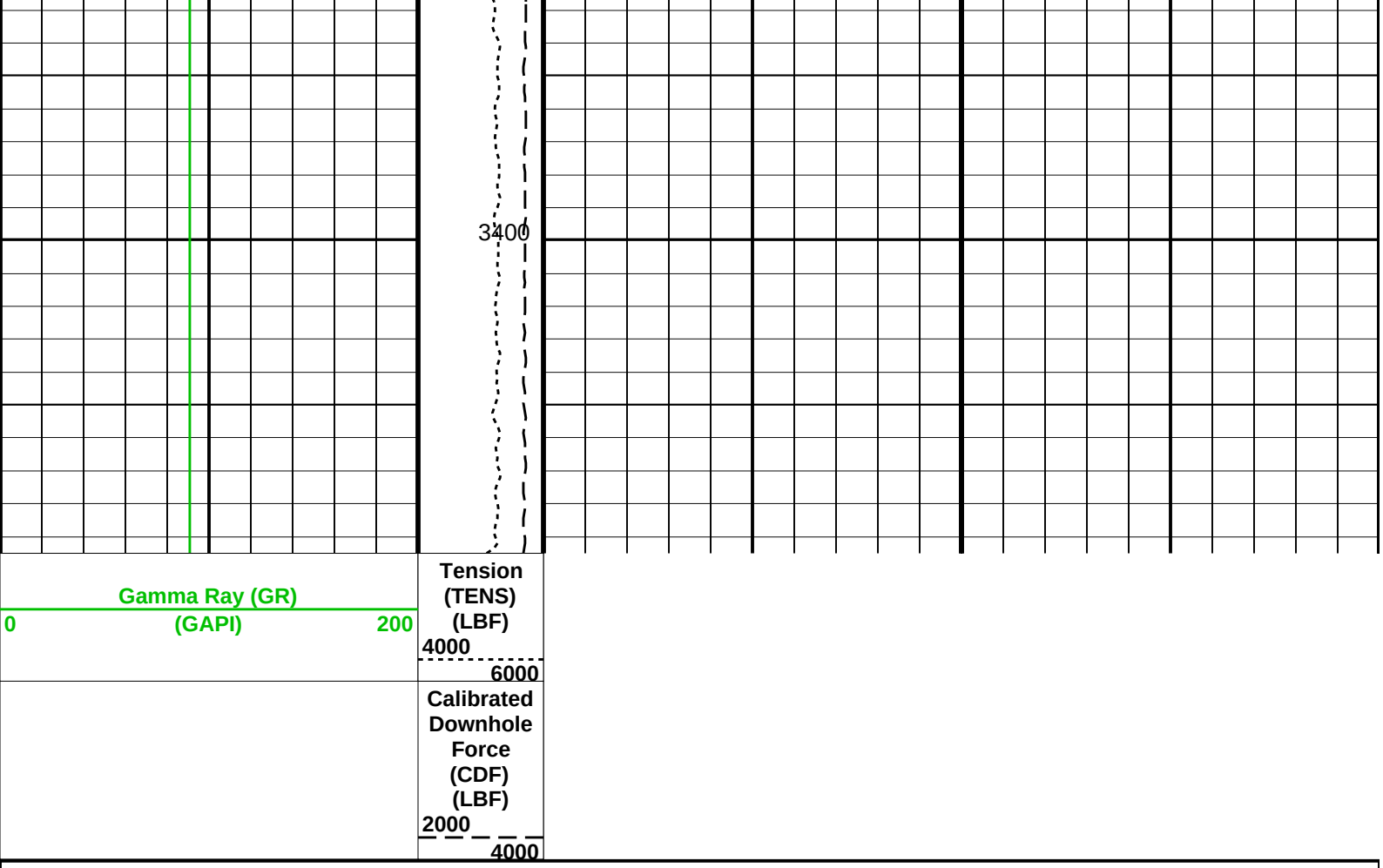
OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		




3350
3375



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

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 26−Nov−2004 11:52

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_110LUP	FN:173	PRODUCER	26−Nov−2004 11:52
RT_BACKUP	MDT_OFA_110LUP	FN:174	PRODUCER	26−Nov−2004 11:51

Output DLIS Files

DEFAULT	MDT_OFA_113LUP	FN:179	PRODUCER	26−Nov−2004 16:45	3259.5 M	3142.5 M
RT_BACKUP	MDT_OFA_113LUP	FN:180	PRODUCER	26−Nov−2004 16:45	3259.5 M	3142.5 M

OP System Version: 12C0−301

MCM

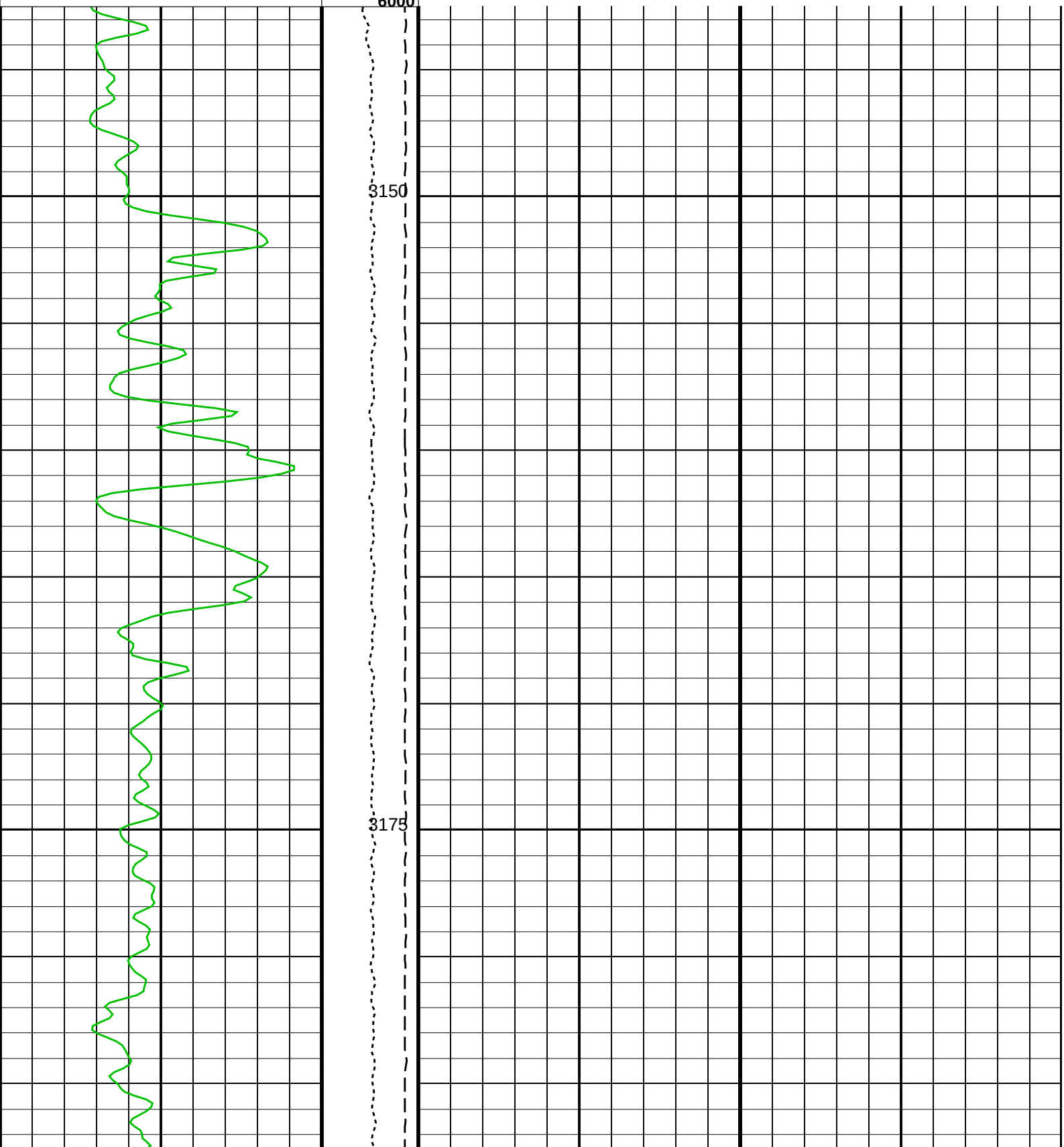
MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRMS_2	12C0−301

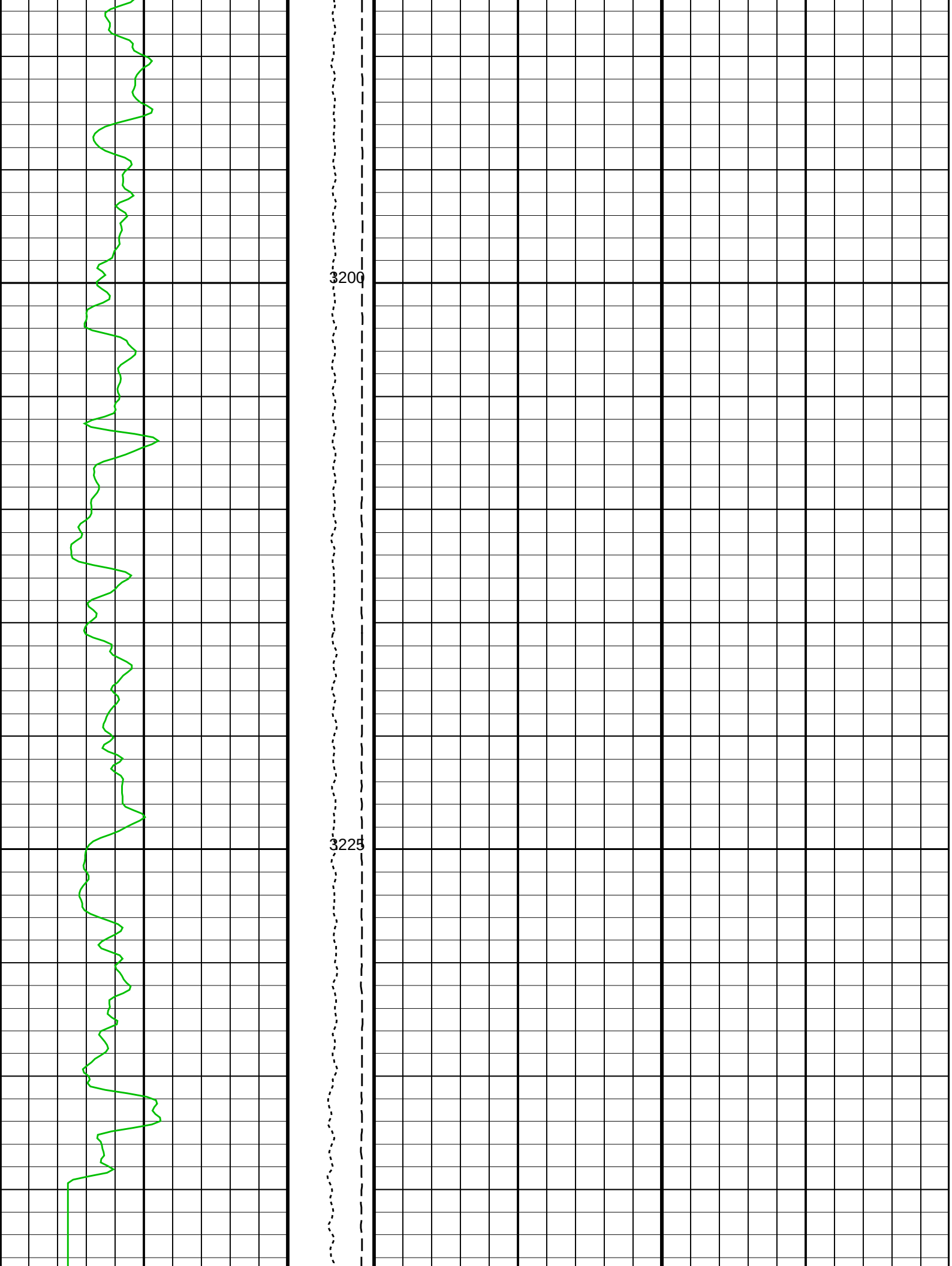
MRPC 12C0−301 SGT−L 12C0−301
TCC−BF 12C0−301

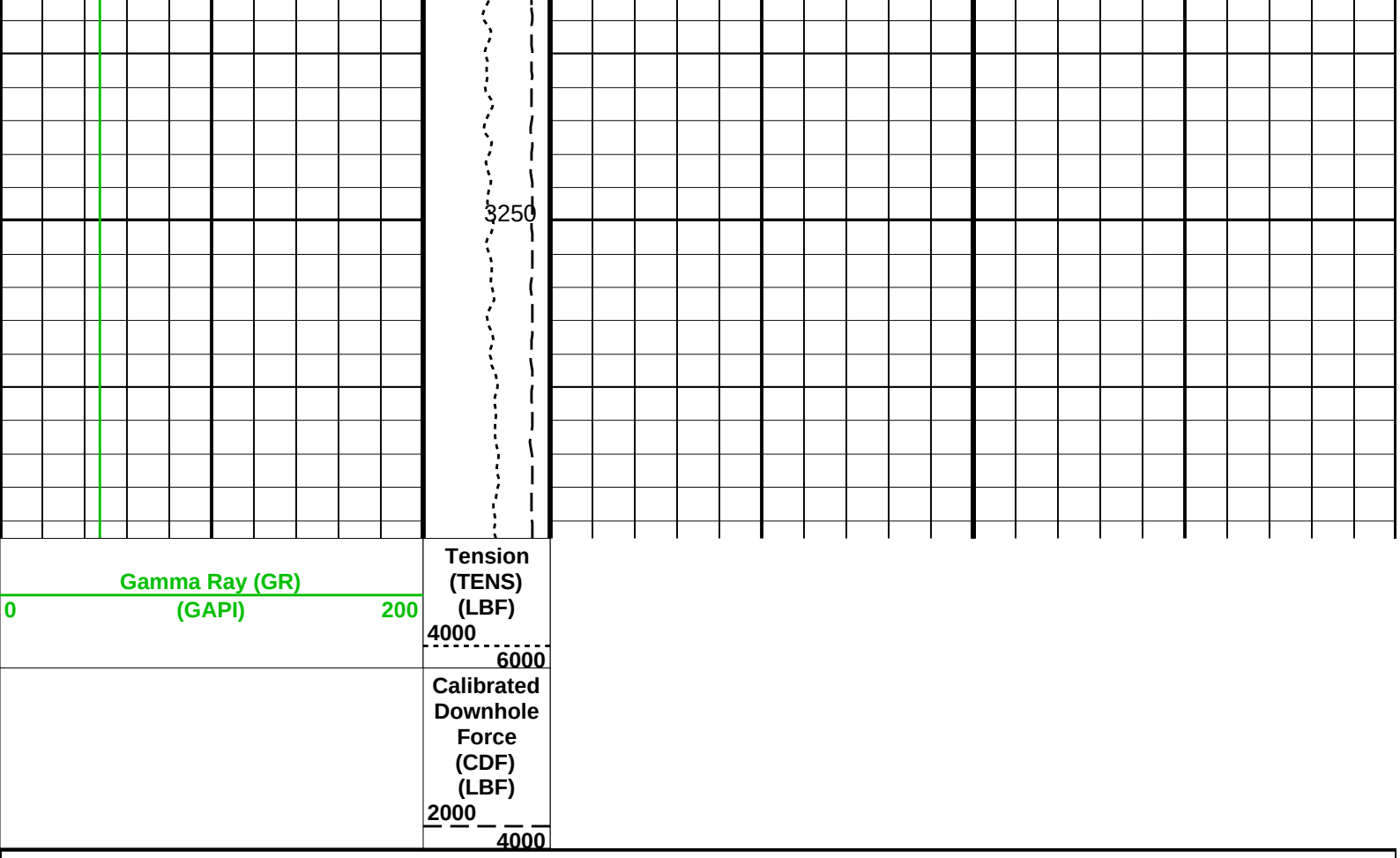
Calibrated Downhole Force (CDF) (LBF)
2000 4000

Gamma Ray (GR)
0 (GAPI) 200

Tension (TENS) (LBF)
4000 6000




3200
3225



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

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 26−Nov−2004 16:45

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_113LUP	FN:179	PRODUCER	26−Nov−2004 16:45
RT_BACKUP	MDT_OFA_113LUP	FN:180	PRODUCER	26−Nov−2004 16:45

Output DLIS Files

DEFAULT	MDT_OFA_116LUP	FN:185	PRODUCER	26−Nov−2004 19:50	3219.9 M	3162.0 M
RT_BACKUP	MDT_OFA_116LUP	FN:186	PRODUCER	26−Nov−2004 19:49	3219.9 M	3162.0 M

OP System Version: 12C0−301

MCM

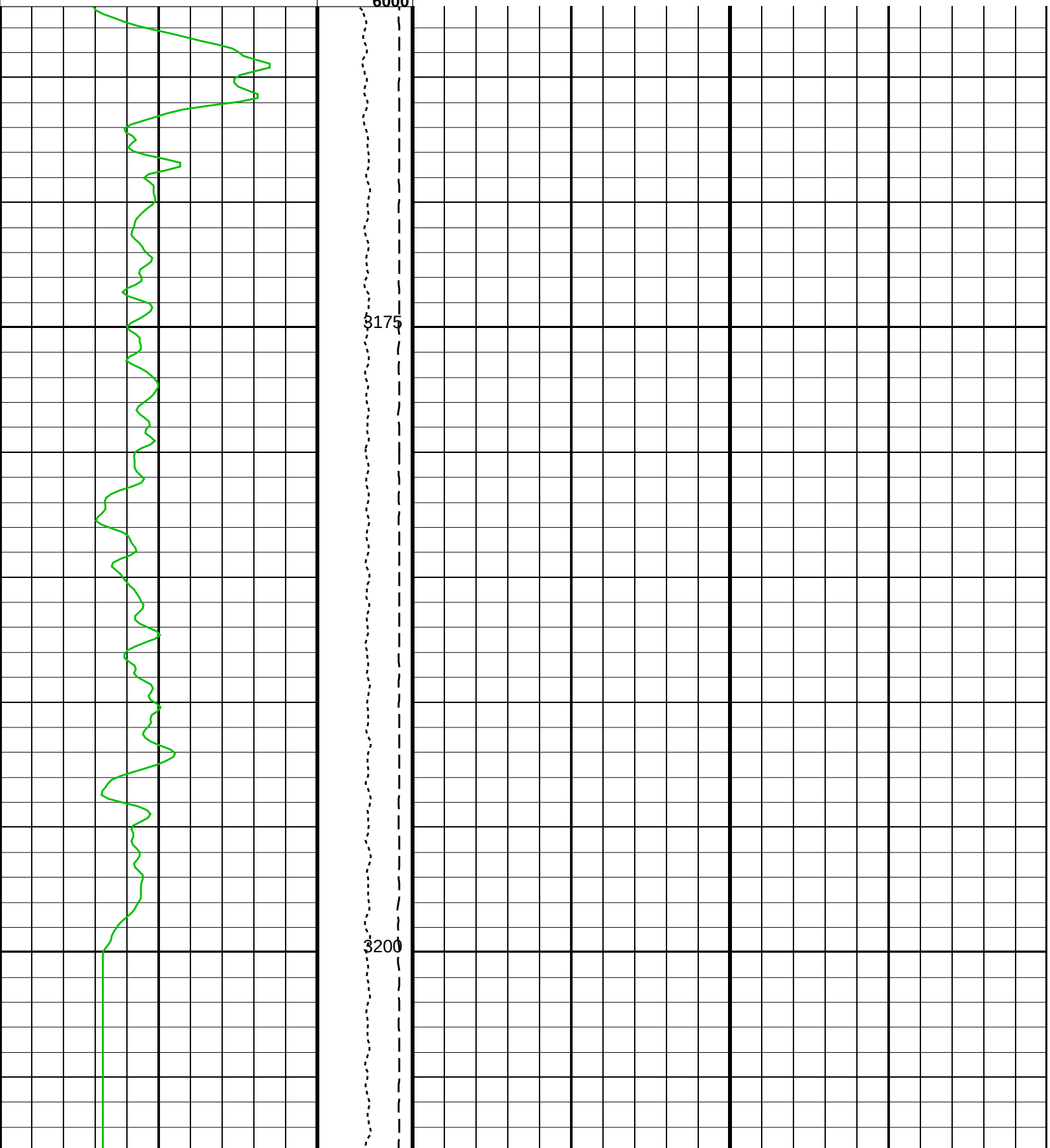
MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301

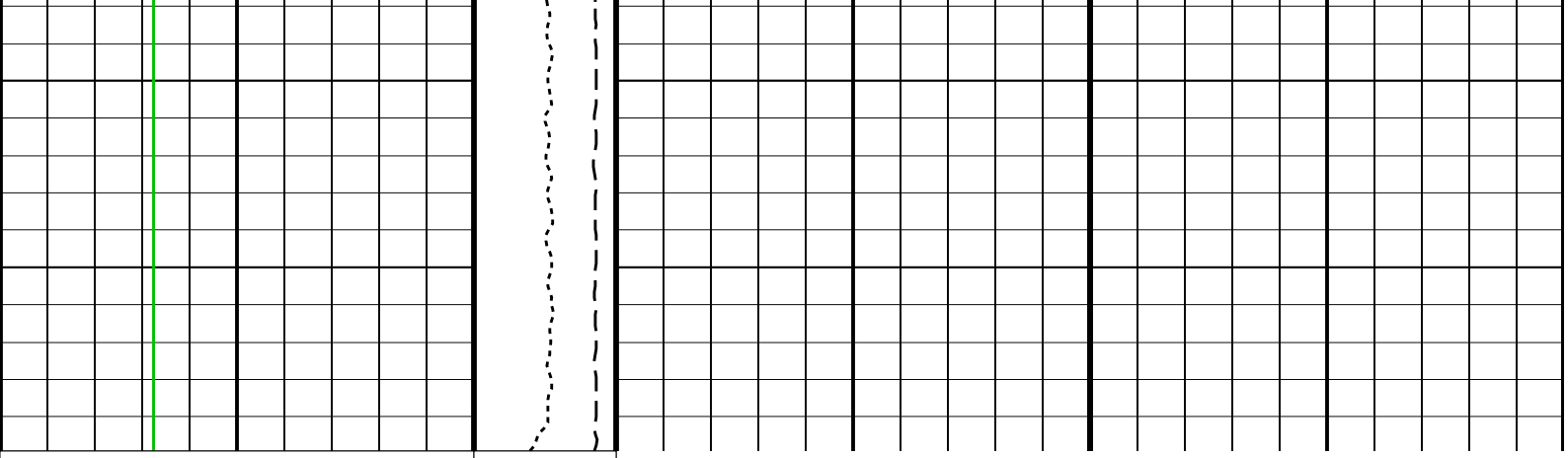
TCC−BF 12C0−301

Calibrated Downhole Force (CDF) (LBF)
2000 4000

Gamma Ray (GR) (GAPI)
0 200

Tension (TENS) (LBF)
4000 6000





Gamma Ray (GR) (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: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: CORRELATION **Vertical Scale: 1:200** **Graphics File Created: 26−Nov−2004 19:50**

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_116LUP	FN:185	PRODUCER	26−Nov−2004 19:50
RT_BACKUP	MDT_OFA_116LUP	FN:186	PRODUCER	26−Nov−2004 19:49

Output DLIS Files

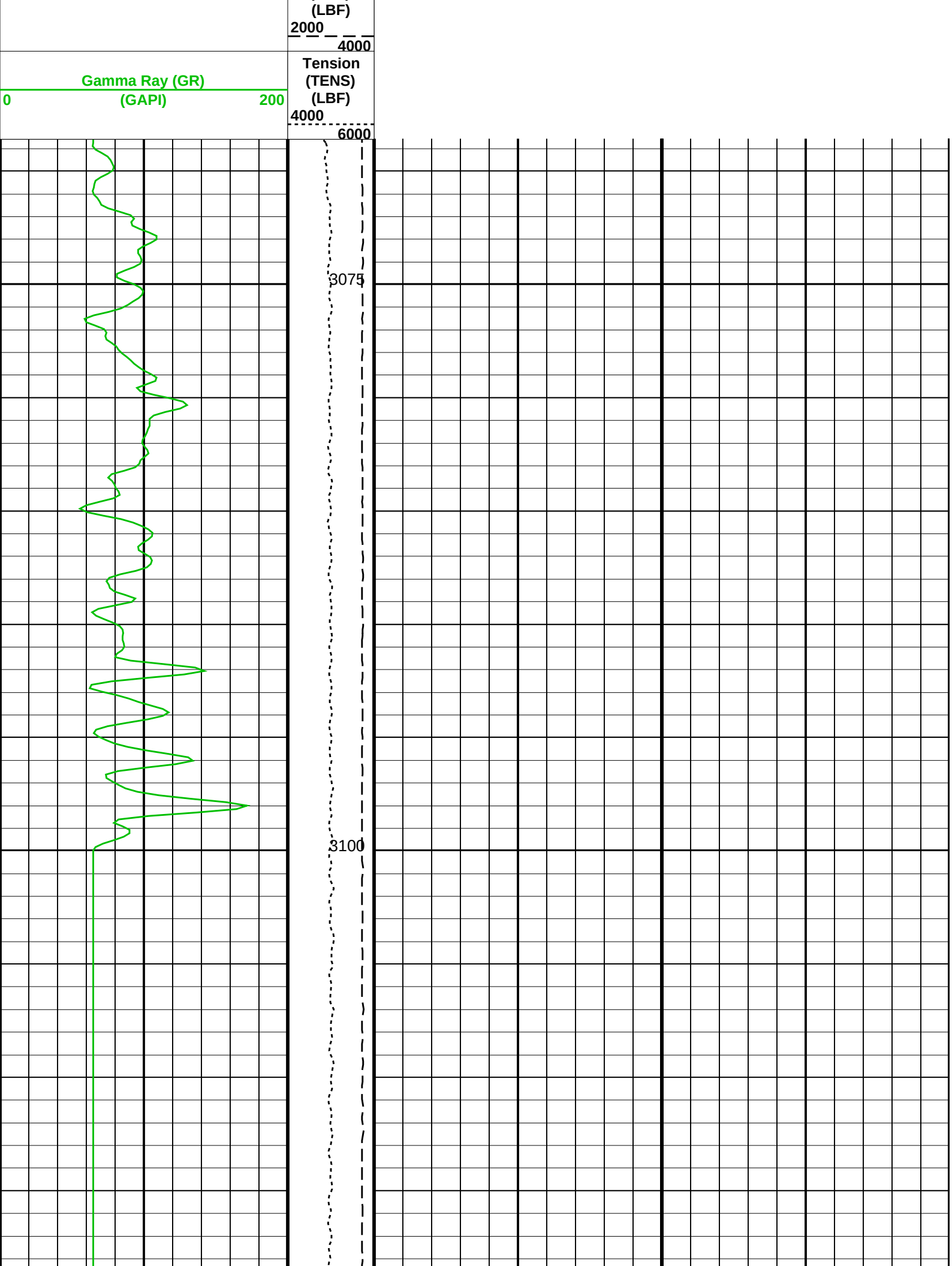
DEFAULT	MDT_OFA_119LUP	FN:191	PRODUCER	26−Nov−2004 20:49	3119.3 M	3068.6 M
RT_BACKUP	MDT_OFA_119LUP	FN:192	PRODUCER	26−Nov−2004 20:49	3119.3 M	3068.6 M

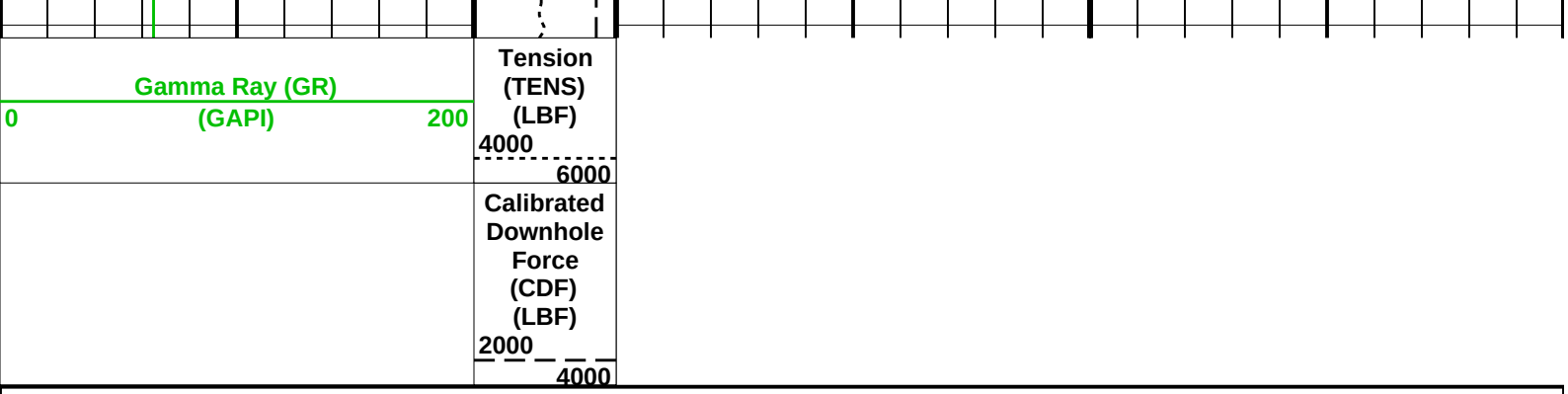
OP System Version: 12C0−301

MCM

MRPS_1	12C0−301	MRHY_1	12C0−301
MRPO_UD	12C0−301	LFA	12C0−301
MRMS_1	12C0−301	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Calibrated Downhole Force (CDF)


(LBF)
2000
4000
Tension
(TENS)
(LBF)
4000
6000
Gamma Ray (GR)
0
(GAPI)
200
3075
3100



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

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 26−Nov−2004 20:49

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_119LUP	FN:191	PRODUCER	26−Nov−2004 20:49
RT_BACKUP	MDT_OFA_119LUP	FN:192	PRODUCER	26−Nov−2004 20:49

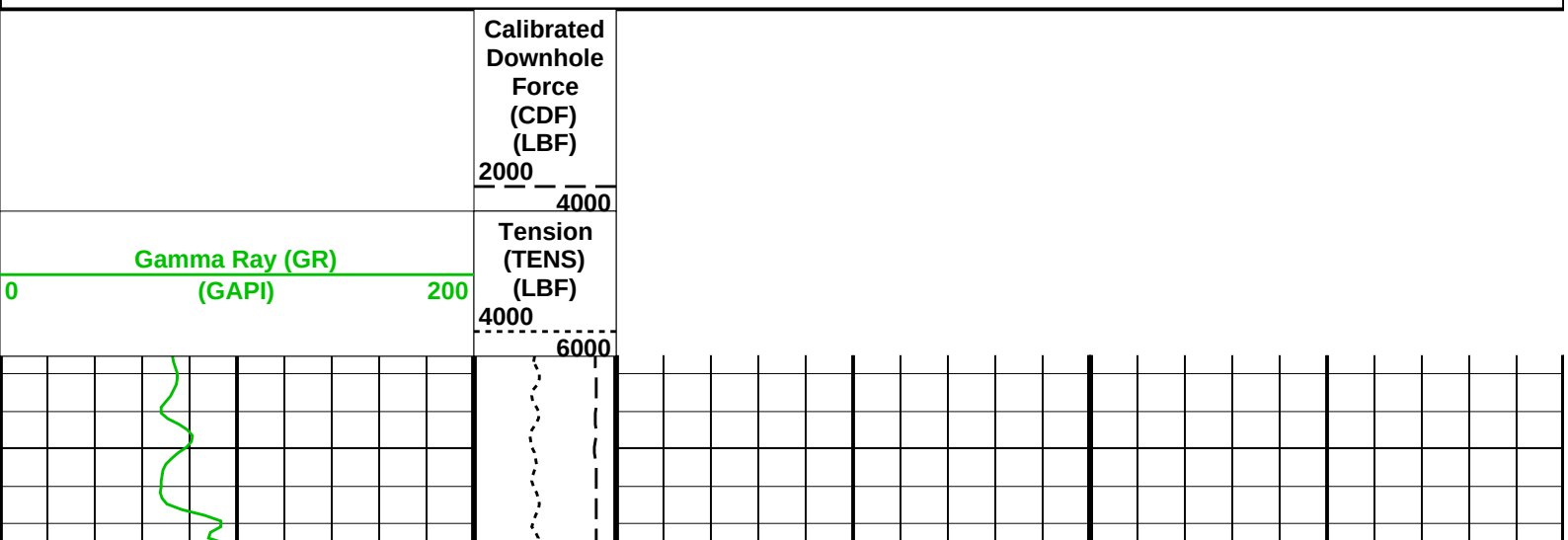
Output DLIS Files

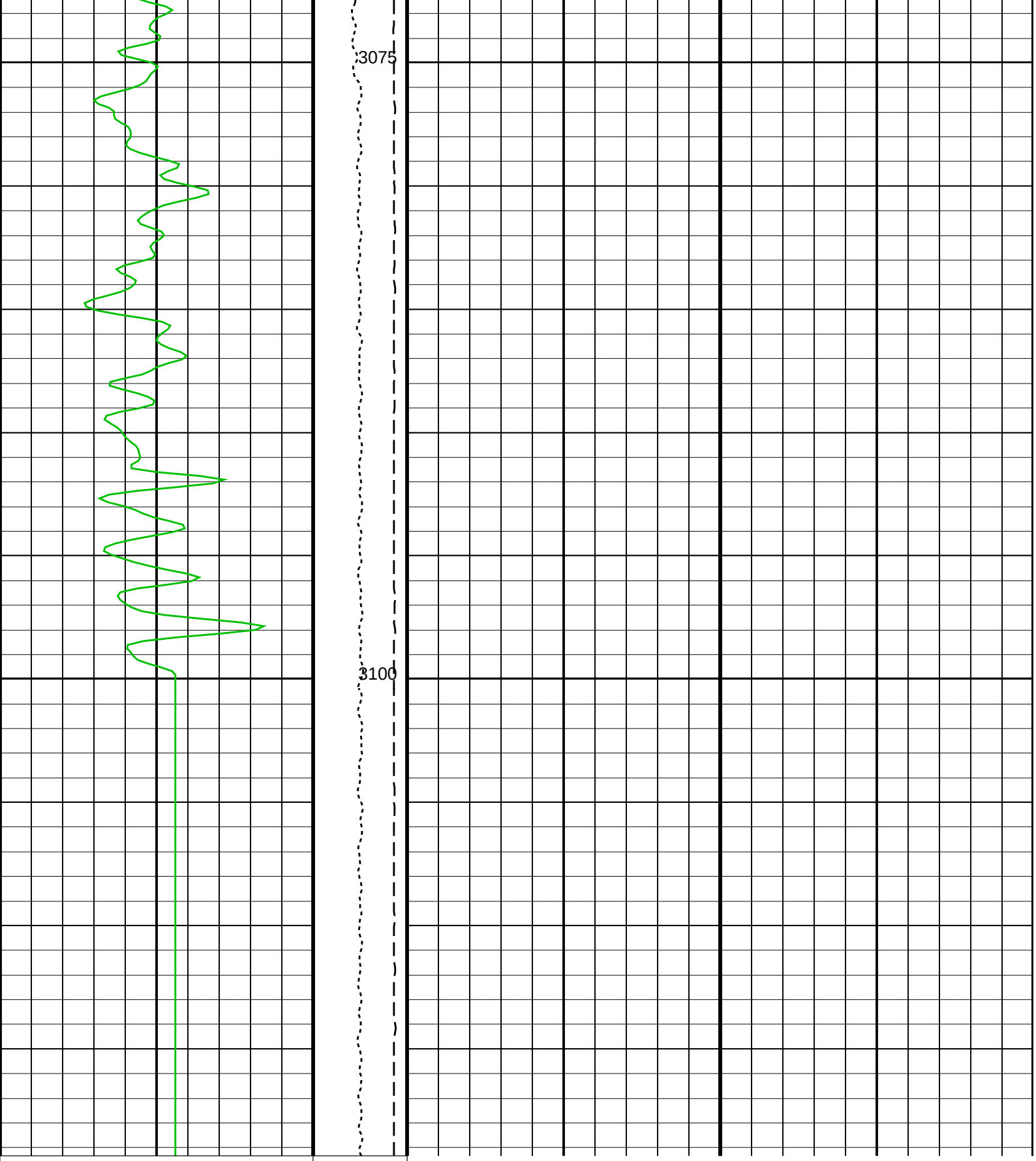
DEFAULT	MDT_OFA_123LUP	FN:199	PRODUCER	26−Nov−2004 21:40	3119.3 M	3067.5 M
RT_BACKUP	MDT_OFA_123LUP	FN:200	PRODUCER	26−Nov−2004 21:40	3119.3 M	3067.5 M

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		




3075
3100
Gamma Ray (GR)
0
(GAPI)
200
Tension
(TENS)
(LBF)
4000
6000
Calibrated
Downhole
Force
(CDF)
(LBF)
2000

4000

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

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 26−Nov−2004 21:40

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	MRMS_2	12C0−301
MRPC	12C0−301	SGT−L	12C0−301
TCC−BF	12C0−301		

Output DLIS Files

DEFAULT	MDT_OFA_123LUP	FN:199	PRODUCER	26−Nov−2004 21:40
RT_BACKUP	MDT_OFA_123LUP	FN:200	PRODUCER	26−Nov−2004 21:40

Schlumberger

Quartz Gauge
Master Calibration Summary

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	[illegible]

F'b/F'c**5	+.532464911564E−2

Schlumberger

Strain Gauge
Master Calibration Summary

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**

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Live Fluid Analyzer Wellsite Calibration − Spectrometer Channels							
Master: 20−Nov−2004 17:30 Before: 25−Nov−2004 14:02							
Dark Mode − 0	0.02500	0.02501	0.02488	N/A	N/A	N/A	V
Dark Mode − 1	0.02500	0.02517	0.02527	N/A	N/A	N/A	V
Dark Mode − 2	0.02500	0.02525	0.02544	N/A	N/A	N/A	V
Dark Mode − 3	0.02500	0.02499	0.02508	N/A	N/A	N/A	V
Dark Mode − 4	0.02500	0.02529	0.02548	N/A	N/A	N/A	V
Dark Mode − 5	0.02500	0.02503	0.02507	N/A	N/A	N/A	V
Dark Mode − 6	0.02500	0.02513	0.02502	N/A	N/A	N/A	V
Dark Mode − 7	0.02500	0.02524	0.02527	N/A	N/A	N/A	V
Dark Mode − 8	0.02500	0.02507	0.02514	N/A	N/A	N/A	V
Dark Mode − 9	0.02500	0.02514	0.02515	N/A	N/A	N/A	V
Source Mode − 0	0	0.8589	0.8624	N/A	N/A	N/A	V
Source Mode − 1	0	0.9993	1.034	N/A	N/A	N/A	V
Source Mode − 2	0	0.9312	0.9569	N/A	N/A	N/A	V
Source Mode − 3	0	0.7490	0.7587	N/A	N/A	N/A	V
Source Mode − 4	0	0.9352	0.9514	N/A	N/A	N/A	V
Source Mode − 5	0	0.7772	0.7898	N/A	N/A	N/A	V
Source Mode − 6	0	0.8551	0.8674	N/A	N/A	N/A	V
Source Mode − 7	0	1.070	1.078	N/A	N/A	N/A	V
Source Mode − 8	0	0.7661	0.7630	N/A	N/A	N/A	V
Source Mode − 9	0	1.479	1.469	N/A	N/A	N/A	V

Live Fluid Analyzer Wellsite Calibration − Gas Detector Channels
Master: 20−Nov−2004 17:30 Before: 25−Nov−2004 14:02

Dark Mode − 0	0.02500	0.02508	0.02509	N/A	N/A	N/A	V
Dark Mode − 1	0.02500	0.02489	0.02482	N/A	N/A	N/A	V
Dark Mode − 2	0.02500	0.02517	0.02518	N/A	N/A	N/A	V
Dark Mode − 3	0.02500	0.02515	0.02514	N/A	N/A	N/A	V
Dark Mode − 4	0.02500	0.02513	0.02511	N/A	N/A	N/A	V
Dark Mode − 5	0.02500	0.02498	0.02505	N/A	N/A	N/A	V

Live Fluid Analyzer Wellsite Calibration − Gas Detector Source Intensity
Master: 20−Nov−2004 17:30 Before: 25−Nov−2004 14:02

Source Intensity Dark Mode	0.02600	0.02753	0.02756	N/A	N/A	N/A	V
Source Intensity Source Mode	0.2500	0.2867	0.2769	N/A	N/A	N/A	V

Live Fluid Analyzer Master Calibration − Spectrometer
Master: 20−Nov−2004 17:30

Dry Dark Mode − 0	0.02500	0.02501	−−	−−	−−	−−	V
Dry Dark Mode − 1	0.02500	0.02517	−−	−−	−−	−−	V
Dry Dark Mode − 2	0.02500	0.02525	−−	−−	−−	−−	V
Dry Dark Mode − 3	0.02500	0.02499	−−	−−	−−	−−	V
Dry Dark Mode − 4	0.02500	0.02529	−−	−−	−−	−−	V
Dry Dark Mode − 5	0.02500	0.02503	−−	−−	−−	−−	V
Dry Dark Mode − 6	0.02500	0.02513	−−	−−	−−	−−	V
Dry Dark Mode − 7	0.02500	0.02524	−−	−−	−−	−−	V
Dry Dark Mode − 8	0.02500	0.02507	−−	−−	−−	−−	V
Dry Dark Mode − 9	0.02500	0.02514	−−	−−	−−	−−	V
Dry Source Mode − 0	0	0.8589	−−	−−	−−	−−	V
Dry Source Mode − 1	0	0.9993	−−	−−	−−	−−	V
Dry Source Mode − 2	0	0.9312	−−	−−	−−	−−	V
Dry Source Mode − 3	0	0.7490	−−	−−	−−	−−	V
Dry Source Mode − 4	0	0.9352	−−	−−	−−	−−	V
Dry Source Mode − 5	0	0.7772	−−	−−	−−	−−	V
Dry Source Mode − 6	0	0.8551	−−	−−	−−	−−	V
Dry Source Mode − 7	0	1.070	−−	−−	−−	−−	V
Dry Source Mode − 8	0	0.7661	−−	−−	−−	−−	V
Dry Source Mode − 9	0	1.479	−−	−−	−−	−−	V
Dry Measure Mode − 0	0	2.180	−−	−−	−−	−−	V
Dry Measure Mode − 1	0	2.118	−−	−−	−−	−−	V
Dry Measure Mode − 2	0	2.071	−−	−−	−−	−−	V
Dry Measure Mode − 3	0	1.966	−−	−−	−−	−−	V
Dry Measure Mode − 4	0	2.264	−−	−−	−−	−−	V
Dry Measure Mode − 5	0	2.329	−−	−−	−−	−−	V
Dry Measure Mode − 6	0	2.338	−−	−−	−−	−−	V
Dry Measure Mode − 7	0	2.398	−−	−−	−−	−−	V
Dry Measure Mode − 8	0	1.562	−−	−−	−−	−−	V
Dry Measure Mode − 9	0	2.223	−−	−−	−−	−−	V
Oil Dark Mode − 0	0.02500	0.02503	−−	−−	−−	−−	V
Oil Dark Mode − 1	0.02500	0.02517	−−	−−	−−	−−	V
Oil Dark Mode − 2	0.02500	0.02531	−−	−−	−−	−−	V
Oil Dark Mode − 3	0.02500	0.02498	−−	−−	−−	−−	V
Oil Dark Mode − 4	0.02500	0.02530	−−	−−	−−	−−	V
Oil Dark Mode − 5	0.02500	0.02502	−−	−−	−−	−−	V
Oil Dark Mode − 6	0.02500	0.02508	−−	−−	−−	−−	V
Oil Dark Mode − 7	0.02500	0.02529	−−	−−	−−	−−	V
Oil Dark Mode − 8	0.02500	0.02509	−−	−−	−−	−−	V
Oil Dark Mode − 9	0.02500	0.02513	−−	−−	−−	−−	V
Oil Source Mode − 0	0	0.8580	−−	−−	−−	−−	V
Oil Source Mode − 1	0	1.003	−−	−−	−−	−−	V
Oil Source Mode − 2	0	0.9341	−−	−−	−−	−−	V
Oil Source Mode − 3	0	0.7498	−−	−−	−−	−−	V
Oil Source Mode − 4	0	0.9370	−−	−−	−−	−−	V
Oil Source Mode − 5	0	0.7782	−−	−−	−−	−−	V
Oil Source Mode − 6	0	0.8556	−−	−−	−−	−−	V
Oil Source Mode − 7	0	1.071	−−	−−	−−	−−	V
Oil Source Mode − 8	0	0.7638	−−	−−	−−	−−	V
Oil Source Mode − 9	0	1.476	−−	−−	−−	−−	V
Oil Measure Mode − 0	1.000	1.995	−−	−−	−−	−−	V
Oil Measure Mode − 1	1.000	2.407	−−	−−	−−	−−	V
Oil Measure Mode − 2	1.000	2.339	−−	−−	−−	−−	V
Oil Measure Mode − 3	1.000	2.238	−−	−−	−−	−−	V
Oil Measure Mode − 4	1.000	2.574	−−	−−	−−	−−	V
Oil Measure Mode − 5	1.000	2.600	−−	−−	−−	−−	V
Oil Measure Mode − 6	1.000	2.310	−−	−−	−−	−−	V
Oil Measure Mode − 7	1.000	2.614	−−	−−	−−	−−	V
Oil Measure Mode − 8	1.000	0.2816	−−	−−	−−	−−	V
Oil Measure Mode − 9	1.000	1.663	−−	−−	−−	−−	V
Water Dark Mode − 0	0.02500	0.02495	−−	−−	−−	−−	V
Water Dark Mode − 1	0.02500	0.02530	−−	−−	−−	−−	V
Water Dark Mode − 2	0.02500	0.02532	−−	−−	−−	−−	V
Water Dark Mode − 3	0.02500	0.02491	−−	−−	−−	−−	V

Water Dark Mode − 4	0.02500	0.02529	−−	−−	−−	−−	V
Water Dark Mode − 5	0.02500	0.02504	−−	−−	−−	−−	V
Water Dark Mode − 6	0.02500	0.02507	−−	−−	−−	−−	V
Water Dark Mode − 7	0.02500	0.02522	−−	−−	−−	−−	V
Water Dark Mode − 8	0.02500	0.02507	−−	−−	−−	−−	V
Water Dark Mode − 9	0.02500	0.02511	−−	−−	−−	−−	V
Water Source Mode − 0	0	0.8562	−−	−−	−−	−−	V
Water Source Mode − 1	0	0.9993	−−	−−	−−	−−	V
Water Source Mode − 2	0	0.9310	−−	−−	−−	−−	V
Water Source Mode − 3	0	0.7484	−−	−−	−−	−−	V
Water Source Mode − 4	0	0.9350	−−	−−	−−	−−	V
Water Source Mode − 5	0	0.7759	−−	−−	−−	−−	V
Water Source Mode − 6	0	0.8523	−−	−−	−−	−−	V
Water Source Mode − 7	0	1.067	−−	−−	−−	−−	V
Water Source Mode − 8	0	0.7637	−−	−−	−−	−−	V
Water Source Mode − 9	0	1.476	−−	−−	−−	−−	V
Water Measure Mode − 0	1.000	0.7554	−−	−−	−−	−−	V
Water Measure Mode − 1	1.000	2.315	−−	−−	−−	−−	V
Water Measure Mode − 2	1.000	2.249	−−	−−	−−	−−	V
Water Measure Mode − 3	1.000	2.146	−−	−−	−−	−−	V
Water Measure Mode − 4	1.000	2.418	−−	−−	−−	−−	V
Water Measure Mode − 5	1.000	1.974	−−	−−	−−	−−	V
Water Measure Mode − 6	1.000	0.02914	−−	−−	−−	−−	V
Water Measure Mode − 7	1.000	0.5817	−−	−−	−−	−−	V
Water Measure Mode − 8	1.000	0.4861	−−	−−	−−	−−	V
Water Measure Mode − 9	1.000	0.02540	−−	−−	−−	−−	V

Live Fluid Analyzer Master Calibration − Gas Detector
Master: 20−Nov−2004 17:30

Dry Dark Mode − 0	0.02500	0.02508	−−	−−	−−	−−	V
Dry Dark Mode − 1	0.02500	0.02489	−−	−−	−−	−−	V
Dry Dark Mode − 2	0.02500	0.02517	−−	−−	−−	−−	V
Dry Dark Mode − 3	0.02500	0.02515	−−	−−	−−	−−	V
Dry Dark Mode − 4	0.02500	0.02513	−−	−−	−−	−−	V
Dry Dark Mode − 5	0.02500	0.02498	−−	−−	−−	−−	V
Dry Measure Mode − 0	0	0.1622	−−	−−	−−	−−	V
Dry Measure Mode − 1	0	0.2697	−−	−−	−−	−−	V
Dry Measure Mode − 2	0	0.4809	−−	−−	−−	−−	V
Dry Measure Mode − 3	0	0.4838	−−	−−	−−	−−	V
Dry Measure Mode − 4	0	0.4697	−−	−−	−−	−−	V
Dry Measure Mode − 5	0	0.3532	−−	−−	−−	−−	V
Dry Normalized − 0	0	0.2991	−−	−−	−−	−−	V
Dry Normalized − 1	0	0.5339	−−	−−	−−	−−	V
Dry Normalized − 2	0	0.9937	−−	−−	−−	−−	V
Dry Normalized − 3	0	1.000	−−	−−	−−	−−	V
Dry Normalized − 4	0	0.9694	−−	−−	−−	−−	V
Dry Normalized − 5	0	0.7158	−−	−−	−−	−−	V
Water Dark Mode − 0	0.02500	0.02510	−−	−−	−−	−−	V
Water Dark Mode − 1	0.02500	0.02490	−−	−−	−−	−−	V
Water Dark Mode − 2	0.02500	0.02516	−−	−−	−−	−−	V
Water Dark Mode − 3	0.02500	0.02517	−−	−−	−−	−−	V
Water Dark Mode − 4	0.02500	0.02513	−−	−−	−−	−−	V
Water Dark Mode − 5	0.02500	0.02500	−−	−−	−−	−−	V
Water Measure Mode − 0	1.000	0.1474	−−	−−	−−	−−	V
Water Measure Mode − 1	1.000	0.1273	−−	−−	−−	−−	V
Water Measure Mode − 2	1.000	0.08653	−−	−−	−−	−−	V
Water Measure Mode − 3	1.000	0.06934	−−	−−	−−	−−	V
Water Measure Mode − 4	1.000	0.07861	−−	−−	−−	−−	V
Water Measure Mode − 5	1.000	0.09062	−−	−−	−−	−−	V

Live Fluid Analyzer Master Calibration − Gas Detector Source Intensity
Master: 20−Nov−2004 17:30

Source Intensity Dark Mode	0.02600	0.02753	−−	−−	−−	−−	V
Source Intensity Source Mode	0.2500	0.2867	−−	−−	−−	−−	V

Live Fluid Analyzer Master Calibration − Absorption Coefficients
Master: 20−Nov−2004 17:33

Oil Absorption Coefficie − 0	0	0.03900	−−	−−	−−	−−	V
Oil Absorption Coefficie − 1	0	−0.05620	−−	−−	−−	−−	V
Oil Absorption Coefficie − 2	0	−0.05344	−−	−−	−−	−−	V
Oil Absorption Coefficie − 3	0	−0.05686	−−	−−	−−	−−	V
Oil Absorption Coefficie − 4	0	−0.05620	−−	−−	−−	−−	V
Oil Absorption Coefficie − 5	0	−0.04833	−−	−−	−−	−−	V
Oil Absorption Coefficie − 6	0	0.005370	−−	−−	−−	−−	V
Oil Absorption Coefficie − 7	0	−0.03784	−−	−−	−−	−−	V
Oil Absorption Coefficie − 8	0	0.7774	−−	−−	−−	−−	V
Oil Absorption Coefficie − 9	0	0.1278	−−	−−	−−	−−	V
Water Absorption Coeffic − 0	0	0.4698	−−	−−	−−	−−	V
Water Absorption Coeffic − 1	0	−0.03919	−−	−−	−−	−−	V
Water Absorption Coeffic − 2	0	−0.03628	−−	−−	−−	−−	V
Water Absorption Coeffic − 3	0	−0.03856	−−	−−	−−	−−	V
Water Absorption Coeffic − 4	0	−0.02874	−−	−−	−−	−−	V

Water Absorption Coeffic − 5	0	0.07271	−−	−−	−−	−−	V
Water Absorption Coeffic − 6	0	2.754	−−	−−	−−	−−	V
Water Absorption Coeffic − 7	0	0.6297	−−	−−	−−	−−	V
Water Absorption Coeffic − 8	0	0.5228	−−	−−	−−	−−	V
Water Absorption Coeffic − 9	0	3.869	−−	−−	−−	−−	V

Scintillation Gamma−Ray − L Wellsite Calibration − Detector Calibration
Before: 25−Nov−2004 13:31

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 8090

Auxiliary Equipment:

Live Fluid Analyzer Wellsite Calibration

Spectrometer Channels

Idx	Phase	Dark Mode V	Value
0	Master		0.02501
	Before		0.02488
1	Master		0.02517
	Before		0.02527
2	Master		0.02525
	Before		0.02544
3	Master		0.02499
	Before		0.02508
4	Master		0.02529
	Before		0.02548
5	Master		0.02503
	Before		0.02507
6	Master		0.02513
	Before		0.02502
7	Master		0.02524
	Before		0.02527
8	Master		0.02507
	Before		0.02514
9	Master		0.02514
	Before		0.02515
	0.01700 (Minimum)	0.02500 (Nominal) 0.03300 (Maximum)	

Idx	Phase	Source Mode V	Value
0	Master		0.8589
	Before		0.8624
	0.2000 (Minimum)	1.400 (Nominal) 2.600 (Maximum)	
1	Master		0.9993
	Before		1.034
	0.2000 (Minimum)	1.950 (Nominal) 3.700 (Maximum)	
2	Master		0.9312
	Before		0.9569
	0.2000 (Minimum)	1.950 (Nominal) 3.700 (Maximum)	
3	Master		0.7490
	Before		0.7587
	0.2000 (Minimum)	1.700 (Nominal) 3.200 (Maximum)	
4	Master		0.9352
	Before		0.9514
	0.2000 (Minimum)	1.950 (Nominal) 3.700 (Maximum)	
5	Master		0.7772
	Before		0.7898
	0.2000 (Minimum)	1.950 (Nominal) 3.700 (Maximum)	
6	Master		0.8551
	Before		0.8674
	0.2000 (Minimum)	1.950 (Nominal) 3.700 (Maximum)	
7	Master		1.070
	Before		1.078
	0.2000 (Minimum)	1.950 (Nominal) 3.700 (Maximum)	
8	Master		0.7661
	Before		0.7630
	0.2000 (Minimum)	1.950 (Nominal) 2.600 (Maximum)	
9	Master		1.479
	Before		1.469

	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)

Master: 20−Nov−2004 17:30 Before: 25−Nov−2004 14:02

Live Fluid Analyzer Wellsite Calibration

Gas Detector Channels

Idx	Phase	Dark Mode V	Value
0	Master		0.02508
	Before		0.02509
1	Master		0.02489
	Before		0.02482
2	Master		0.02517
	Before		0.02518
3	Master		0.02515
	Before		0.02514
4	Master		0.02513
	Before		0.02511
5	Master		0.02498
	Before		0.02505
		0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)	

Master: 20−Nov−2004 17:30

Before: 25−Nov−2004 14:02

Live Fluid Analyzer Wellsite Calibration

Gas Detector Source Intensity

Phase	Source Intensity Dark Mode V	Value	Phase	Source Intensity Source Mode V	Value
Master		0.02753	Master		0.2867
Before		0.02756	Before		0.2769
	0.01700 (Minimum) 0.02600 (Nominal) 0.03500 (Maximum)			0.1900 (Minimum) 0.2500 (Nominal) 0.3100 (Maximum)	

Master: 20−Nov−2004 17:30 Before: 25−Nov−2004 14:02

Live Fluid Analyzer Master Calibration

Spectrometer

Idx	Dry Dark Mode V	Value
0		0.02501
1		0.02517
2		0.02525
3		0.02499
4		0.02529
5		0.02503
6		0.02513
7		0.02524
8		0.02507
9		0.02514
	0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)	

Idx	Oil Dark Mode V	Value
0		0.02503
1		0.02517
2		0.02531
3		0.02498

Idx	Dry Source Mode V	Value
0		0.8589
	0.2000 (Minimum) 1.400 (Nominal) 2.600 (Maximum)	
1		0.9993
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
2		0.9312
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
3		0.7490
	0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)	
4		0.9352
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
5		0.7772
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
6		0.8551
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	
7		1.070
	0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)	

Idx	Dry Measure Mode V	Value
0		2.180
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
1		2.118
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
2		2.071
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
3		1.966
	1.700 (Minimum) 2.300 (Nominal) 2.900 (Maximum)	
4		2.264
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
5		2.329
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
6		2.338
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	
7		2.398
	2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)	

Idx	Value
4	0.02530
5	0.02502
6	0.02508
7	0.02529
8	0.02509
9	0.02513

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Water Dark Mode V	Value
0		0.02495
1		0.02530
2		0.02532
3		0.02491
4		0.02529
5		0.02504
6		0.02507
7		0.02522
8		0.02507
9		0.02511

0.01700 (Minimum) 0.02500 (Nominal) 0.03300 (Maximum)

Idx	Value
8	0.7661

0.2000 (Minimum) 1.950 (Nominal) 2.600 (Maximum)

Idx	Value
9	1.479

0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)

Idx	Oil Source Mode V	Value
0		0.8580
1		1.003
2		0.9341
3		0.7498
4		0.9370
5		0.7782
6		0.8556
7		1.071
8		0.7638
9		1.476

0.2000 (Minimum) 1.400 (Nominal) 2.600 (Maximum)

0.2000 (Minimum) 1.950 (Nominal) 3.700 (Maximum)

0.2000 (Minimum) 1.700 (Nominal) 3.200 (Maximum)

0.2000 (Minimum) 1.950 (Nominal) 2.600 (Maximum)

Idx	Water Source Mode V	Value
0		0.8562
1		0.9993
2		0.9310
3		0.7484
4		0.9350
5		0.7759
6		0.8523
7		1.067
8		0.7637
9		1.476

0.2000 (Minimum) 1.400 (Nominal) 2.600 (Maximum)

Idx	Value
8	1.562

1.350 (Minimum) 1.830 (Nominal) 2.300 (Maximum)

Idx	Value
9	2.223

2.000 (Minimum) 2.600 (Nominal) 3.200 (Maximum)

Idx	Oil Measure Mode V	Value
0		1.995
1		2.407
2		2.339
3		2.238
4		2.574
5		2.600
6		2.310
7		2.614
8		0.2816
9		1.663

0 (Minimum) 1.000 (Nominal) 4.500 (Maximum)

Idx	Water Measure Mode V	Value
0		0.7554
1		2.315
2		2.249
3		2.146
4		2.418
5		1.974
6		0.02914
7		0.5817
8		0.4861
9		0.02540

0 (Minimum) 1.000 (Nominal) 4.500 (Maximum)

0.2000 (Minimum)	1.950 (Nominal)	3.700 (Maximum)

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Live Fluid Analyzer Master Calibration

Gas Detector

Idx	Dry Dark Mode V	Value
0		0.02508
1		0.02489
2		0.02517
3		0.02515
4		0.02513
5		0.02498
	0.01700 (Minimum) / 0.02500 (Nominal) / 0.03300 (Maximum)	

Idx	Water Dark Mode V	Value
0		0.02510
1		0.02490
2		0.02516
3		0.02517
4		0.02513
5		0.02500
	0.01700 (Minimum) / 0.02500 (Nominal) / 0.03300 (Maximum)	

Idx	Dry Measure Mode V	Value
0		0.1622
	0 (Minimum) / 0.5000 (Nominal) / 1.000 (Maximum)	
1		0.2697
	0 (Minimum) / 0.5000 (Nominal) / 1.000 (Maximum)	
2		0.4809
	0 (Minimum) / 0.5000 (Nominal) / 1.000 (Maximum)	
3		0.4838
	0.3000 (Minimum) / 0.5000 (Nominal) / 1.000 (Maximum)	
4		0.4697
	0 (Minimum) / 0.5000 (Nominal) / 1.000 (Maximum)	
5		0.3532
	0 (Minimum) / 0.5000 (Nominal) / 1.000 (Maximum)	

Idx	Dry Normalized V	Value
0		0.2991
	0.08000 (Minimum) / 0.2000 (Nominal) / 0.3200 (Maximum)	
1		0.5339
	0.2530 (Minimum) / 0.4600 (Nominal) / 0.6670 (Maximum)	
2		0.9937
	0.8080 (Minimum) / 1.010 (Nominal) / 1.212 (Maximum)	
3		1.000
	1.000 (Minimum) / 1.000 (Nominal) / 1.000 (Maximum)	
4		0.9694
	0.7360 (Minimum) / 0.9200 (Nominal) / 1.104 (Maximum)	
5		0.7158
	0.5250 (Minimum) / 0.7500 (Nominal) / 0.9750 (Maximum)	

Idx	Water Measure Mode V	Value
0		0.1474
1		0.1273
2		0.08653
3		0.06934
4		0.07861
5		0.09062
	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
	0.02753		0.2867
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
0		0.03900
	0.003000 (Minimum) / 0.05300 (Nominal) / 0.1030 (Maximum)	
1		−0.05620
	−0.1000 (Minimum) / −0.06000 (Nominal) / −0.02000 (Maximum)	
2		−0.05344
	−0.1000 (Minimum) / −0.06000 (Nominal) / −0.02000 (Maximum)	
3		−0.05686
	−0.1000 (Minimum) / −0.06000 (Nominal) / −0.02000 (Maximum)	
4		−0.05620
	−0.1000 (Minimum) / −0.06000 (Nominal) / −0.02000 (Maximum)	
5		−0.04833

Idx	Water Absorption Coefficients V	Value
0		0.4698
	0.4300 (Minimum) / 0.4800 (Nominal) / 0.5300 (Maximum)	
1		−0.03919
	−0.1000 (Minimum) / −0.05500 (Nominal) / −0.010000 (Maximum)	
2		−0.03628
	−0.1000 (Minimum) / −0.05500 (Nominal) / −0.010000 (Maximum)	
3		−0.03856
	−0.08000 (Minimum) / −0.04000 (Nominal) / 0 (Maximum)	
4		−0.02874
	−0.07000 (Minimum) / −0.03000 (Nominal) / 0.010000 (Maximum)	
5		0.07271

−0.1000 (Minimum)	−0.06500 (Nominal)	−0.03000 (Maximum)		0.02000 (Minimum)	0.06500 (Nominal)	0.1100 (Maximum)	
6			0.005370	6			2.754
−0.03000 (Minimum)	0 (Nominal)	0.03000 (Maximum)		2.450 (Minimum)	2.650 (Nominal)	2.850 (Maximum)	
7			−0.03784	7			0.6297
−0.08000 (Minimum)	−0.04000 (Nominal)	0 (Maximum)		0.5800 (Minimum)	0.6400 (Nominal)	0.7000 (Maximum)	
8			0.7774	8			0.5228
0.6700 (Minimum)	0.7350 (Nominal)	0.8000 (Maximum)		0.4700 (Minimum)	0.5300 (Nominal)	0.5900 (Maximum)	
9			0.1278	9			3.869
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	2354
Auxiliary Equipment:		
Scintillation Gamma Housing	SGH − K	508
Gamma Source Radioactive	GSR − U	2003

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 13:31

Company: **Origin Energy Resources Ltd.**

Schlumberger

Well: **Trefoil−1**
Field: **Trefoil**
Rig: **ENSCO 102**
Country: **Australia**

MDT−GR
Modular Dynamics Tester
Sampling Print