Schlumberger

Company: **CDEX**

Well: **C0009A**

Field: **Kumanonada, Offshore Kii peninsula**

Rig: **Chikyu** Country: **JAPAN**

Rig: Chikyu
Field: Kumanonada, Offshore Kii peninsu
Location: NanKai Trough
Well: C0009A
Company: CDEX

MDT Dual Packer & Single Probe (Stress Test)

2811.0m − 3622.0m

Suite 1, Run 3 (station log)

LOCATION

NanKai Trough
NT2−11B

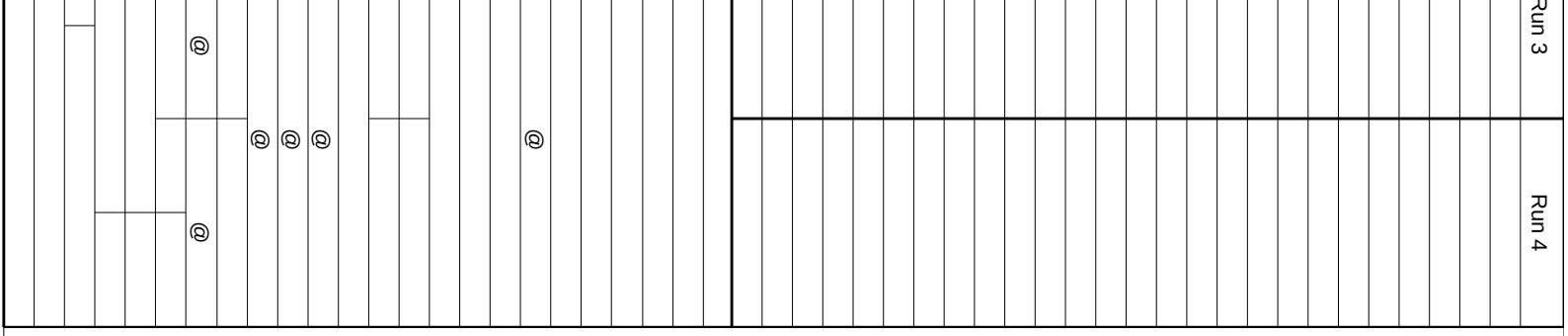
Elev.: K.B.
G.L.
D.F. 28.30 m

Permanent Datum: MEAN SEA LEVEL Elev.: 28.30 m
Log Measured From: DRILL FLOOR 0.00 m above Perm. Datum
Drilling Measured From: DRILL FLOOR

Prefecture:	Max. Well Deviation	Longitude	Latitude
Wakayama	0.7 deg	136* 32.1489' E	33* 27.4704' N

	Run 1	Run 2	
Logging Date	14−Jul−2009		
Run Number	3		
Depth Driller	3686 m		
Schlumberger Depth	3667 m		
Bottom Log Interval	3622 m		
Top Log Interval	2811 m		
Casing Driller Size @ Depth	20.000 in @ 2786.2 m	@	@
Casing Schlumberger	2786.2 m		
Bit Size	12.125 in		
Type Fluid In Hole	KCl−NaCl Polymer		
MUD Density / Viscosity	1.1 g/cm3 / 107 s		
MUD Fluid Loss / PH	4.2 cm3 / 10.7		
MUD Source Of Sample	Flow Line		
RM @ Measured Temperature	0.065 ohm.m @ 27 degC	@	@
RMF @ Measured Temperature	0.058 ohm.m @ 28 degC	@	@
RMC @ Measured Temperature	0.068 ohm.m @ 25 degC	@	@
Source RMF / RMC	Press / Press		
RM @ MRT / RMF @ MRT	0.057 @ 33 / 0.052 @ 33	@	@
Maximum Recorded Temperatures	33 degC / 33	33	
Circulation Stopped / Time	14−Jul−2009 / 0:30		
Logger On Bottom / Time	14−Jul−2009 / 18:30		
Unit Number / Location	4308 / JPOP		
Recorded By	Payap Thongpracharn/Kang Youwei		
Witnessed By	T. Honda / K. Takahashi		

	Run 1	Run 2	
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: 15−JUL−2009 16:02:45

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW−JA	Type:	CMTD−B/A	Type:	7−46A XXS
Serial Number:	6726	Serial Number:	2986	Serial Number:	6019
Calibration Date:	3−Apr−2009	Calibration Date:	16−Apr−2009	Length:	9200 M
Calibrator Serial Number:	17	Calibrator Serial Number:	1049		
Calibration Cable Type:	7−46A XXS	Number of Calibration Points:	10	Conveyance Method:	Wireline
Wheel Correction 1:	−6	Calibration RMS:	373	Rig Type:	Offshore Floater with WMC
Wheel Correction 2:	−6	Calibration Peak Error:	499		

Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	EMS−HRLA−TLD−CNL−GR−SP
Reference Log Run Number:	1
Reference Log Date:	11−Jul−2009

Depth Control Remarks

1. Schlumberger Depth Control Policy followed.
2. IDW used as primary depth control device.
3. Z−Chart used as secondary depth control device.
4. Tide level = 0 m.
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: EMS−HRLA−TLD−CNL−GR−SF
OS2: FMI−HNGS−EMS−Sonic Scanner−PPC−GR
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1

This is the subsequense 3rd log in the well.

The depth correlated with the EMS−HRLA−TLD−CNL−GR−SP log on 11−Jul−2009.

Tool ran as per tool sketch and 1.0 inch standoffs used.

Maximum recorded temperature from logging head thermometers = 33.33 degC.

Maximum deviation = 0.70 deg @ 2749.79mBRT.

The 10" Kleber Packer elements used for hydraulic fracturing

The 10" Rieber Packer elements used for hydraulic fracturing.

The large diameter probe used for pressure and drawdown mobility test.

Circulation Started: 14−Jul−2009; 1:45am

Circulation Stopped: 14−Jul−2009; 5:15am

AV=61 cps, PV=38 cps, YV=46 lb/100ft2, Gel=7−9 lb/100ft2, WL=4.2 ml, MC=0.5 mm

pH=10.7 ml, Pf=0.2 ml, Pm=0.3 ml, Mf=0.3 ml, Cl−=77,000 mg/l, Ca++Mg++=80/73 mg/l, Sand = 0.15%

O/S/W=0/6/94 %Vol, MBC=0.5 ml/ml mud, K+=28,000 mg/l

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		17C0−154	PROGRAM VERSION:		
FLUID LEVEL:		10 m	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

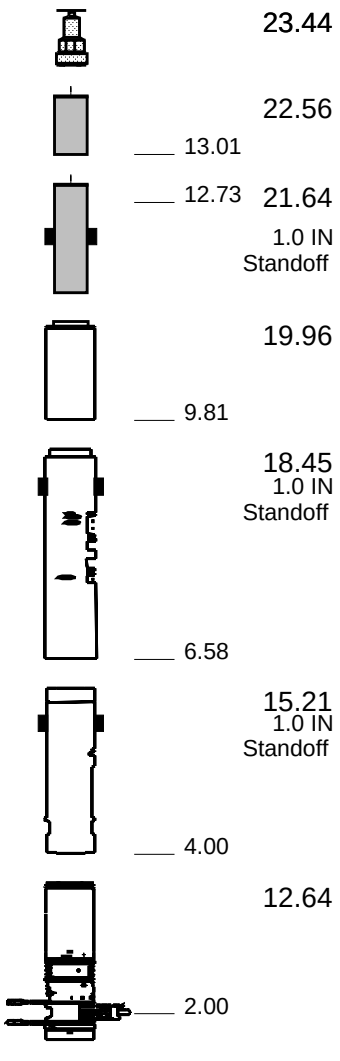
EQUIPMENT DESCRIPTION

RUN 1 RUN 2

SURFACE EQUIPMENT

MRPP−AA 68
GSR−U/Y
WITM (CTS)−A

DOWNHOLE EQUIPMENT



LEH−QT 23.44
LEH−QT 1294

TCC−BF 22.56
ECH−KC 10387
TCC−BF 822
TelStatus 13.01

SGT−L 21.64
SGH−K 2389
SGC−SA 1086
SGD−TAA
Gamma Ray 12.73
1.0 IN Standoff

MRPC 19.96
MRPC−CA 280
PC 9.81

MRPO 18.45
MRPO−CA 293
MRPO−DU−BA
1.0 IN Standoff
PO 6.58

MRHY_1 15.21
MRHY_1−BA 248
1.0 IN Standoff
HY1 4.00

MRPS_1 12.64
MRPS_1−DB 250
PS1−CQG−G
PS1 PS1−RES 2.00

MRPA
MRMU−DA 1016
MRML−DAZ 1016
MRPA−E 29
CQG_G_MRPA 3823
SG_MRPA1 204415
KLEBER_1000−UPPER
KLEBER_1000−LOWER

HV DF
PA−CQG−G PA
POUD PASG
Tension SC12

10.20

___ TOOL ZERO

MRPO_UD
MRPOUD−BA 66
MRPOUD−DU−AA

5.11

MRSC_12
1_GAL−BB 85

1.87

TOOL BOTTOM

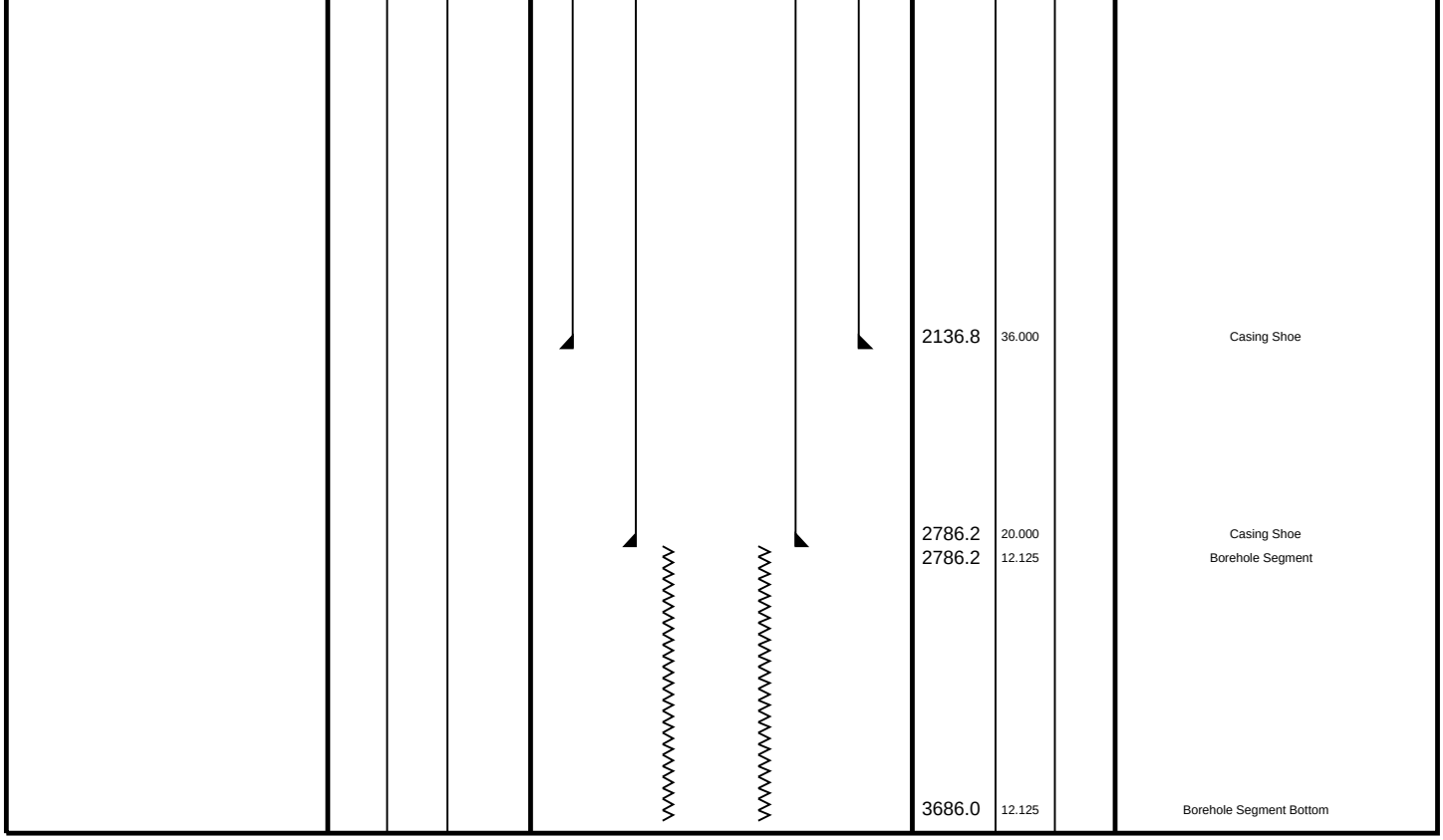
MAXIMUM STRING DIAMETER 10.00 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: CDEX
Well: C0009A
Field: Nankai Trough
State: Wakayama
Country: JAPAN

Drawing Date: 7/11/2009
API #:

Rig Name: Chikyu
Reference Datum: Mean Sea Level
Elevation: 28.3 m

Production String	(in) OD	(in) ID	(m) MD	Well Schematic	(m) MD	(in) OD	(in) ID	Casing String
Kelly Bushing Elevation			−304.6					
Derrick Floor Elevation			28.3					
Mean Sea Level			0.0					
					0.0	36.000		Casing String



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Pressure Test Summary

MAXIS Field Log

Client: CDEX
Field: Kumanonada, Offshore Kii peninsula
Well: C0009A
Run date: 14−Jul−2009

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

Test	File	Depth M	TVD M	Drawdown Mobility MD/CP	Mud Pressure Before PSIA	Mud Pressure After PSIA	Last read build−up Pres PSIA	Formation Pressure PSIA	Test Type
4	59	2811.02	2811.02	42.26	4520.08	4521.68	4102.12	4102.12	Volumetric Pretest
10	61	2959.02	2959.02	0.32	4757.80	4758.27	4502.27	4502.27	Volumetric Pretest
13	65	3256.06	3256.06	24.58	5235.49	5237.44	4759.52	4759.52	Volumetric Pretest
15	67	3416.99	3416.99	0.30	5494.53	5494.10	4990.61	4990.61	Volumetric Pretest
29	75	3545.98	3545.98	0.10	5699.61	5700.34	5182.79	5182.79	Volumetric Pretest

31	78	3300.03	3300.03	0.70	5304.50	5303.44	4825.51	4825.51	Volumetric Pretest

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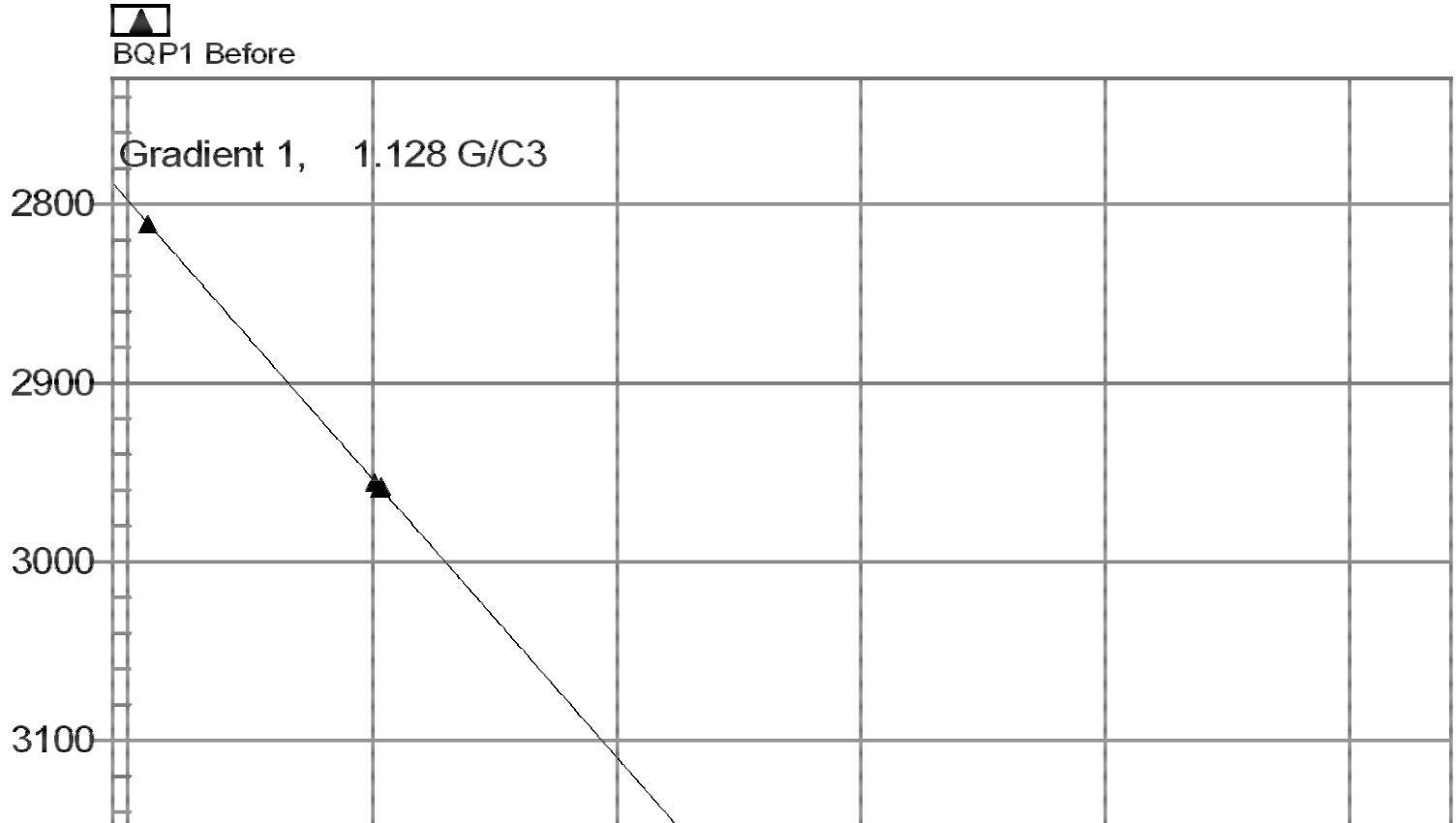
Mud Pressure Vs Depth

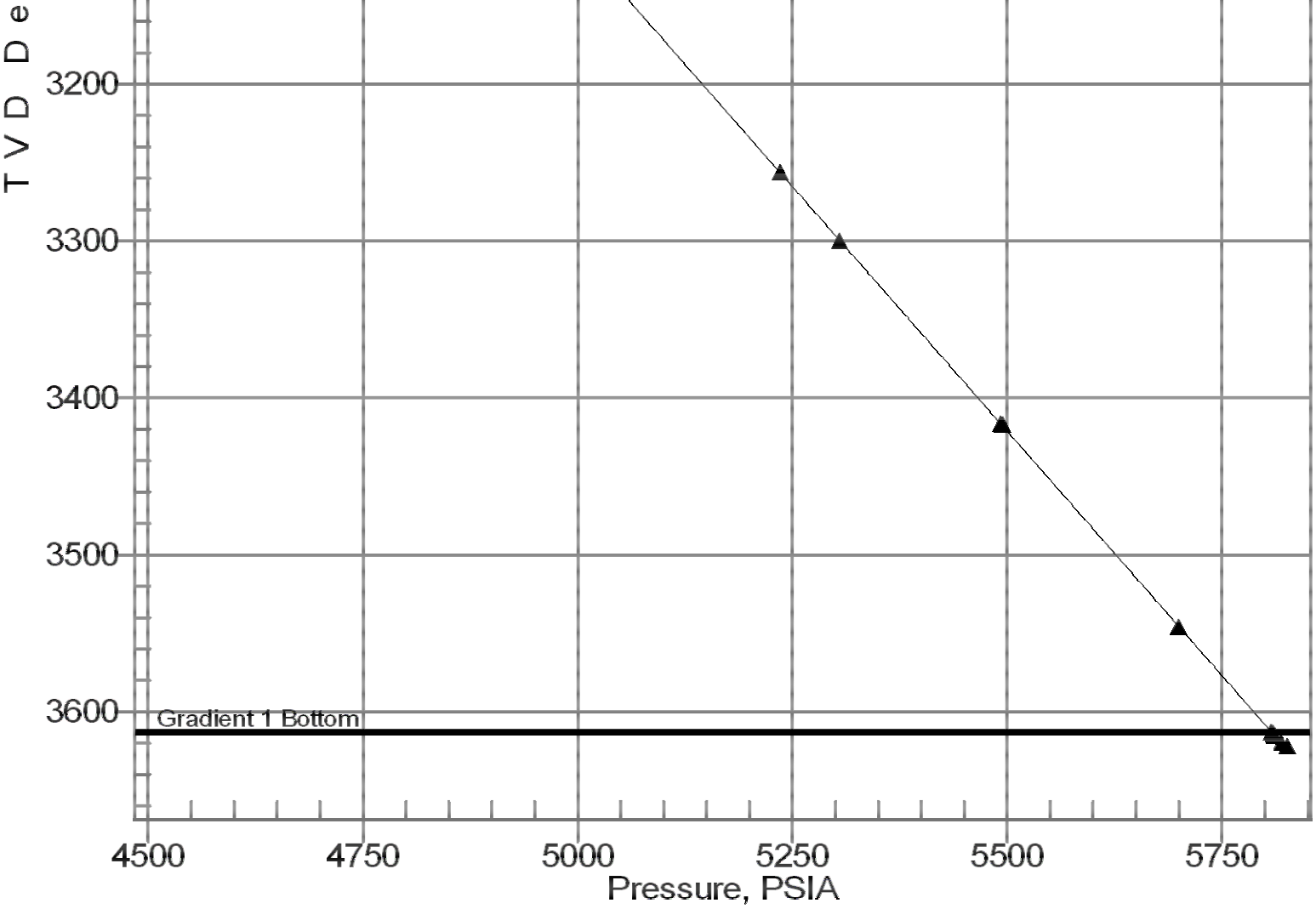
MAXIS Field Log

Depth vs. Mud Pressure

14-Jul-2009

CDEX
Kumanonada, Offshore Kii peninsula
C0009A





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Formation Pressure Vs Depth

MAXIS Field Log

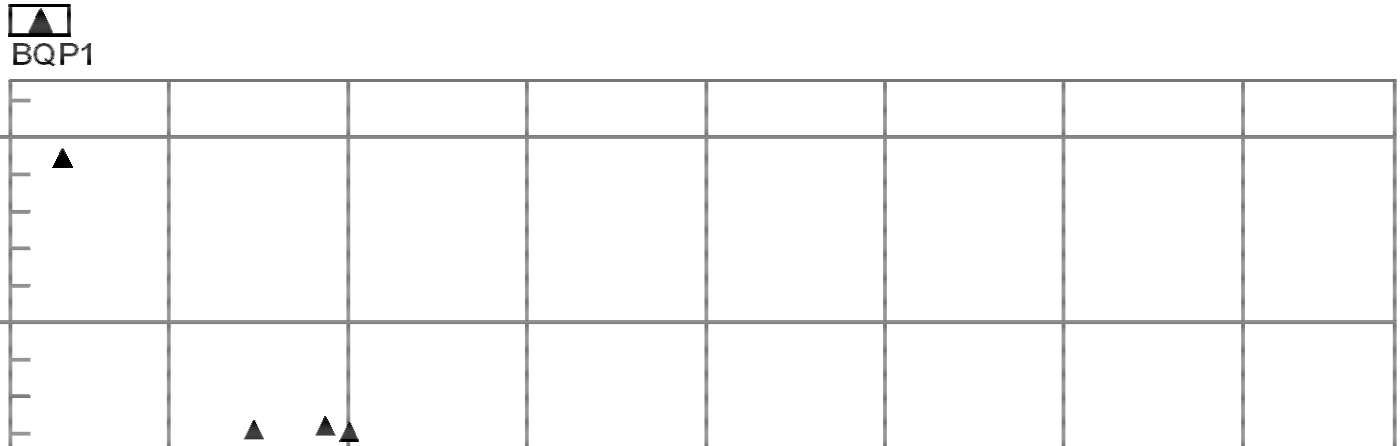
Depth vs. Formation Pressure

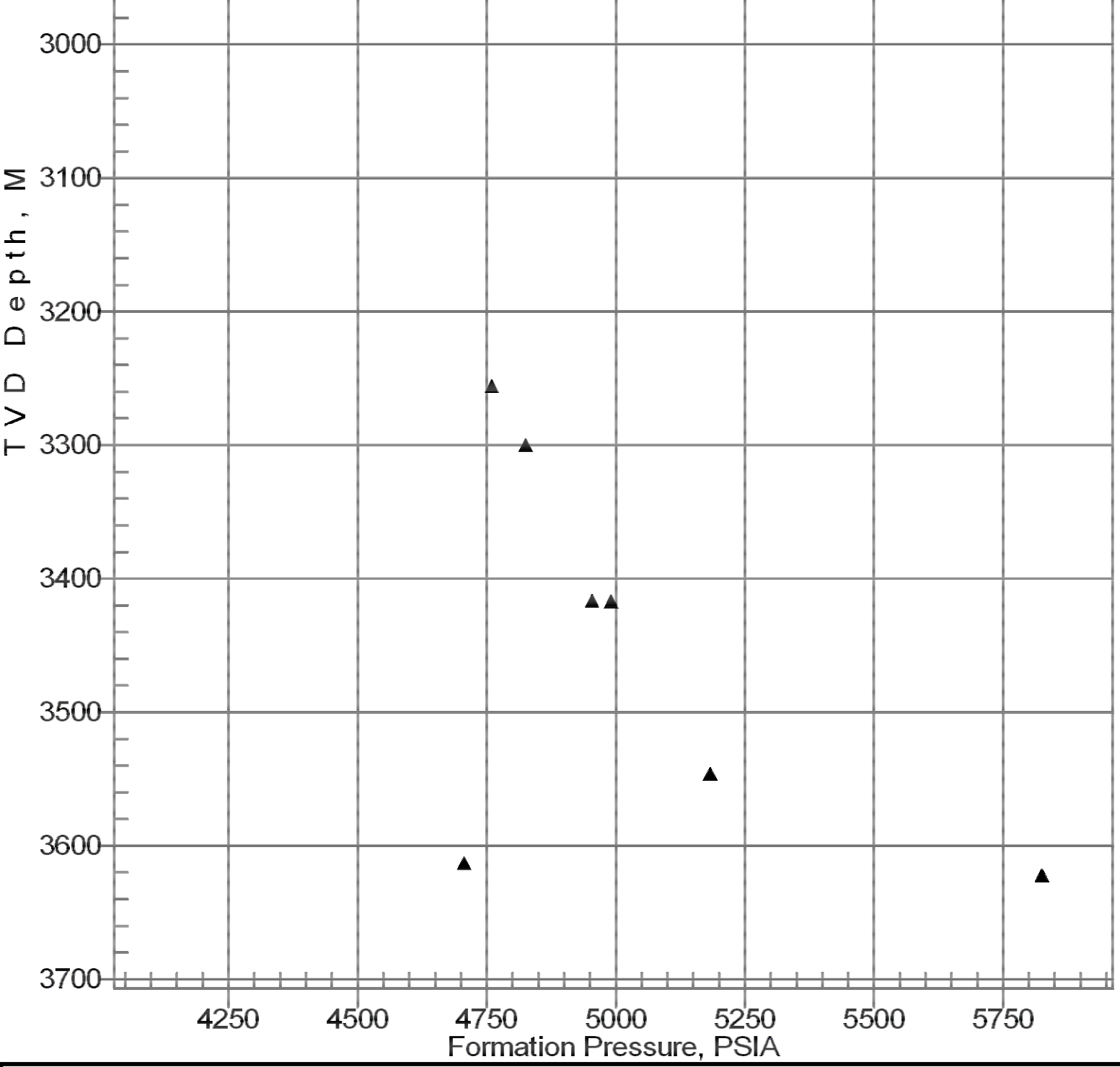
14-Jul-2009

CDEX

Kumanonada, Offshore Kii peninsula

C0009A





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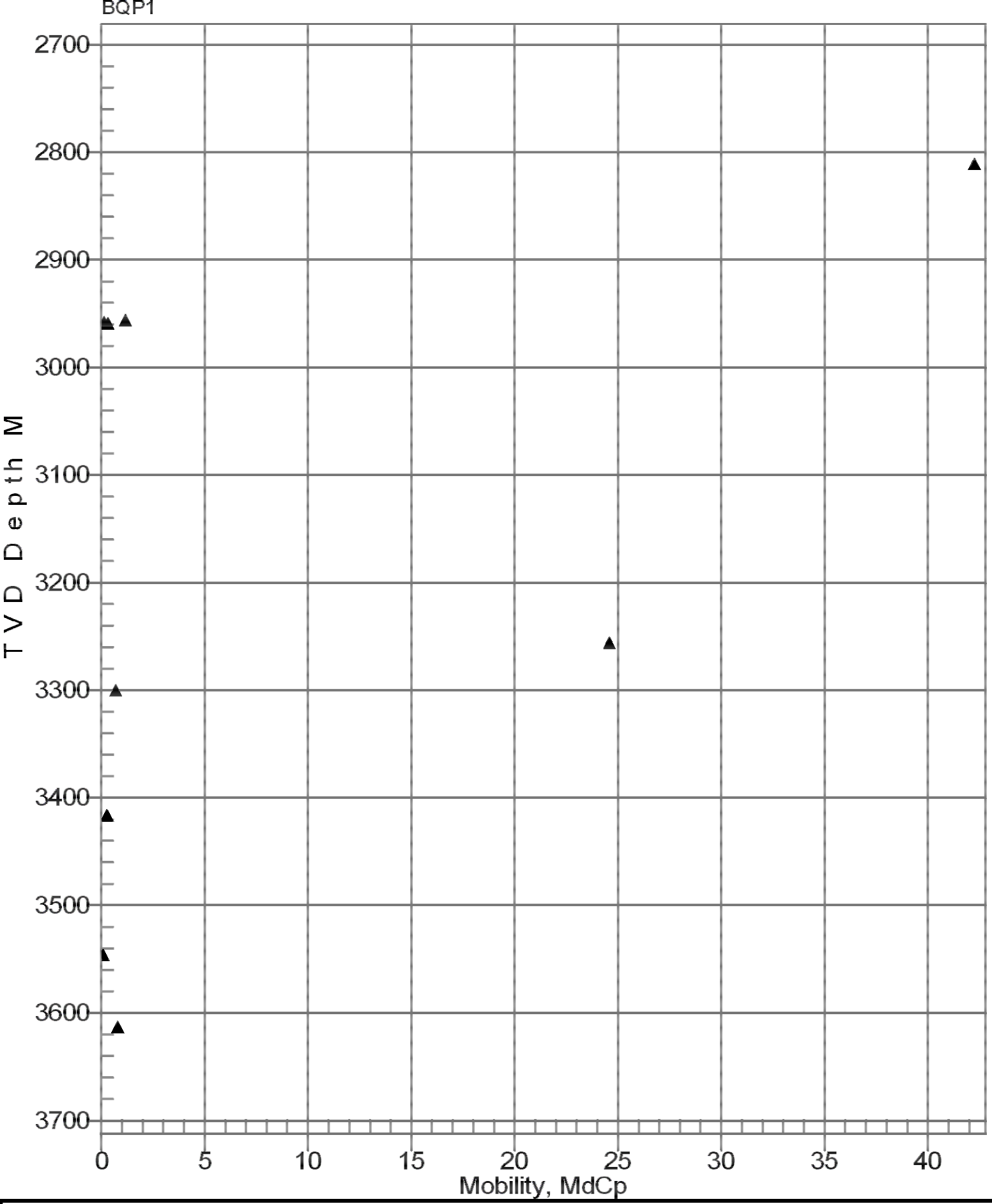
Mobility Vs Depth

MAXIS Field Log

Depth vs. Mobility

14-Jul-2009

CDEX
Kumanonada, Offshore Kii peninsula
C0009A



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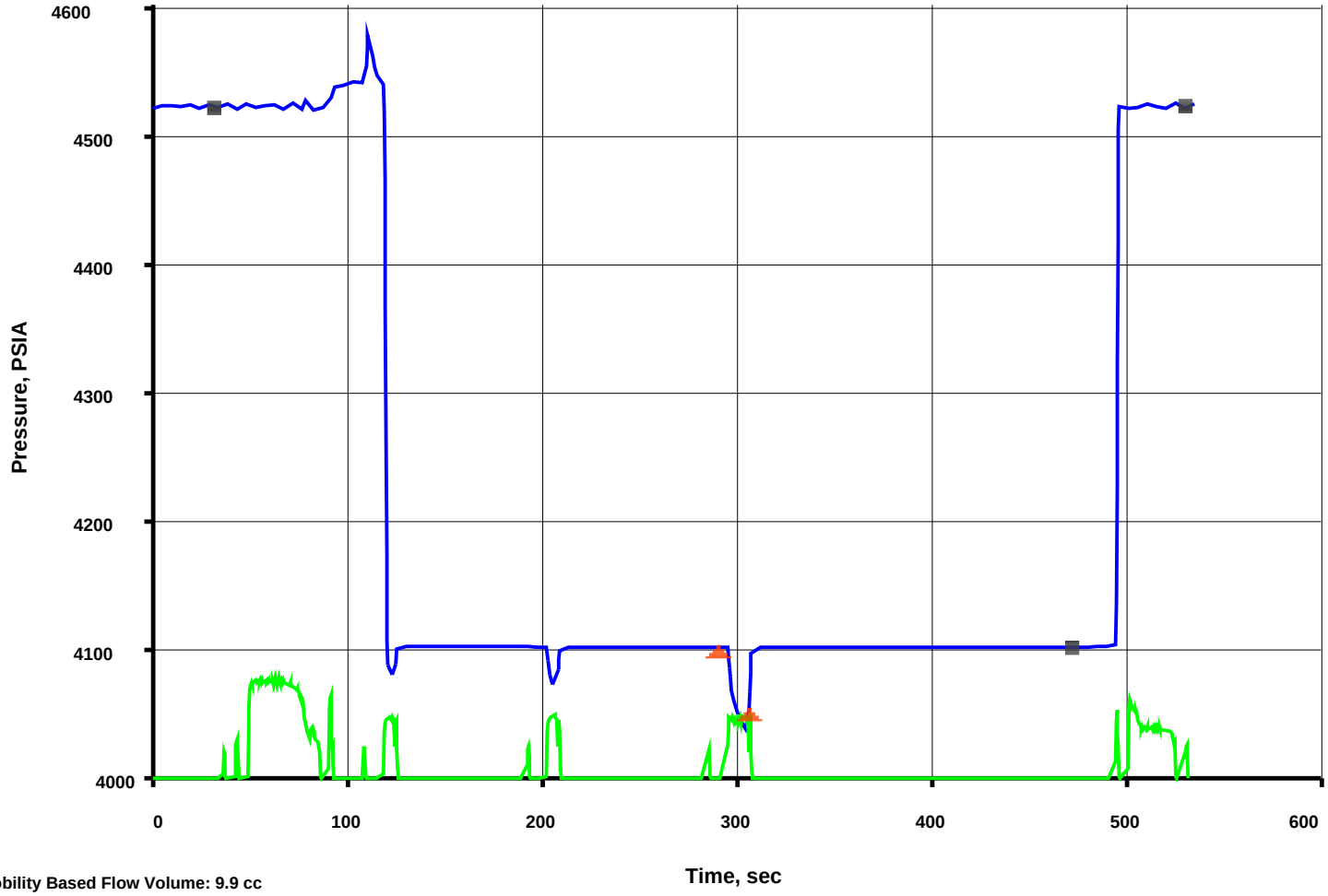
Pressure Test @ 2811.0 M
Good Test

File 59
14−Jul−2009

Depth, M: 2811.02
CDEX
Kumanonada, Offshore Kii peninsula
C0009A

Volumetric Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	4520.08
Mud Pressure after test, PSIA:	4521.68
Last build−up pressure, PSIA:	4102.12
Draw−down mobility, md/cp:	42.3



Mobility Based Flow Volume: 9.9 cc

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

Company: CDEX Well: C0009A

Output DLIS Files

DEFAULT	MDT_059LTP	FN:154	PRODUCER	14−Jul−2009 19:16	2813.0 M
CLIENT	MDT_059LTC	FN:155	CUSTOMER	14−Jul−2009 19:16	2813.0 M
BACKUP	MDT_059LTP	FN:156	PRODUCER	14−Jul−2009 19:16	2813.0 M

Elapsed Time (s)	Event Summary
496.5	Retract Single Probe Module (MRPS) 1
290.7	Vert Pretest 9.9 cc @ 60 C3/M Single Probe Module (MRPS) 1
198.0	Vert Pretest 4.8 cc @ 60 C3/M Single Probe Module (MRPS) 1
114.3	Vert Pretest 5.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
45.0	Probe Set @ 2811.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

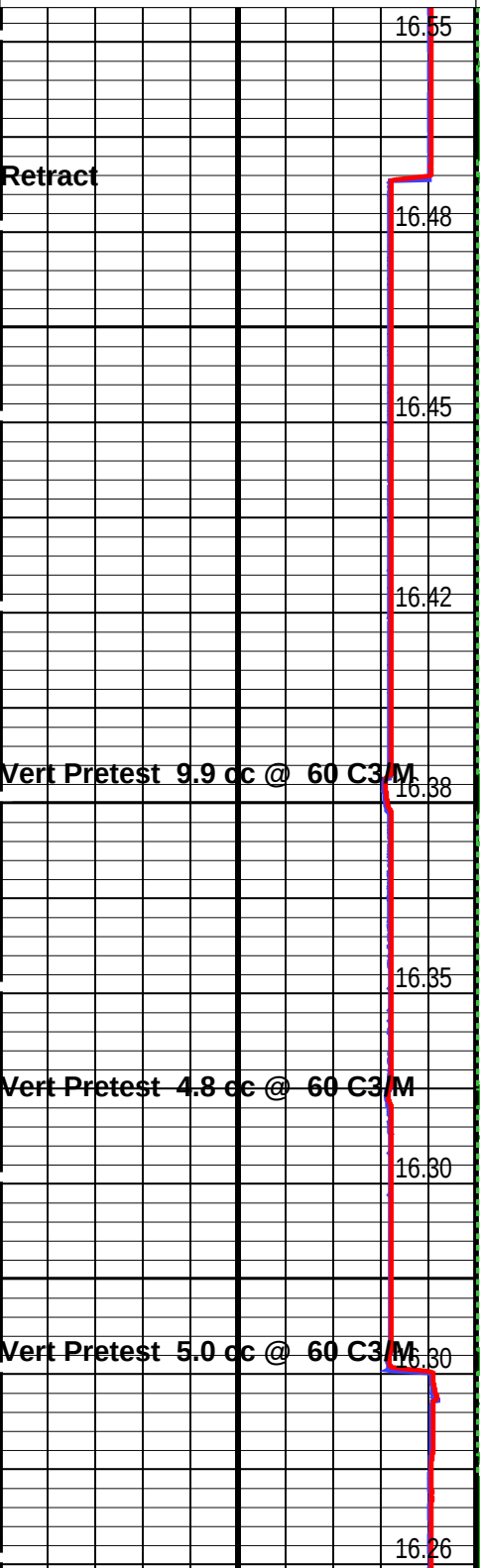
Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)

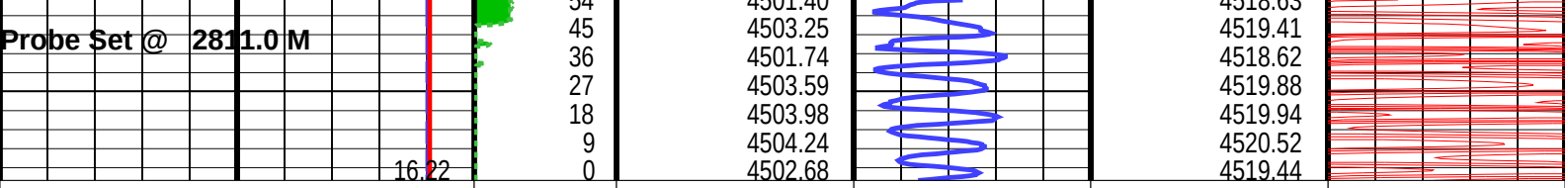
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

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

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 5000



Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
540	4501.98		4523.06	
531	4503.59		4519.13	
522	4503.81		4519.83	
513	4502.53		4521.04	
504	4503.88		4522.59	
495	4500.33		4226.49	
486	4084.99		4102.29	
477	4084.98		4102.16	
468	4084.98		4102.14	
459	4084.96		4102.13	
450	4084.98		4102.14	
441	4084.98		4102.13	
432	4084.92		4102.12	
423	4084.98		4102.11	
414	4084.98		4102.13	
405	4084.95		4102.12	
396	4084.97		4102.09	
387	4085.00		4102.09	
378	4084.97		4102.12	
369	4084.99		4102.11	
360	4084.96		4102.09	
351	4084.99		4102.12	
342	4084.96		4102.13	
333	4085.01		4102.09	
324	4084.96		4102.06	
315	4084.96		4102.00	
306	4079.09		4040.06	
297	4045.65		4068.18	
288	4085.05		4101.32	
279	4085.02		4102.16	
270	4085.02		4102.15	
261	4085.02		4102.16	
252	4085.05		4102.16	
243	4085.07		4102.13	
234	4085.04		4102.14	
225	4085.02		4102.15	
216	4085.04		4102.12	
207	4053.47		4070.62	
198	4085.06		4102.07	
189	4085.11		4102.19	
180	4085.06		4102.24	
171	4085.05		4102.25	
162	4085.08		4102.24	
153	4085.02		4102.26	
144	4085.10		4102.29	
135	4085.17		4102.35	
126	4085.47		4102.93	
117	4523.57		4540.34	
108	4522.23		4539.28	
99	4521.38		4538.42	
90	4506.23		4524.03	
81	4505.14		4526.72	
72	4505.11		4523.53	
63	4501.08		4521.35	



MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 5000			0 (PSIG) 10		0 (PSIA) 1

MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)
0 (PSIA) 5000	0 8000

MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: SQ_QG 9s Vertical Scale: 1" per 60S Graphics File Created: 14−Jul−2009 19:16

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_059LTP	FN:154	PRODUCER	14−Jul−2009 19:16
CLIENT	MDT_059LTC	FN:155	CUSTOMER	14−Jul−2009 19:16
BACKUP	MDT_059LTP	FN:156	PRODUCER	14−Jul−2009 19:16

Schlumberger

Pressure Test @ 2959.0 M
Low Mobility Test

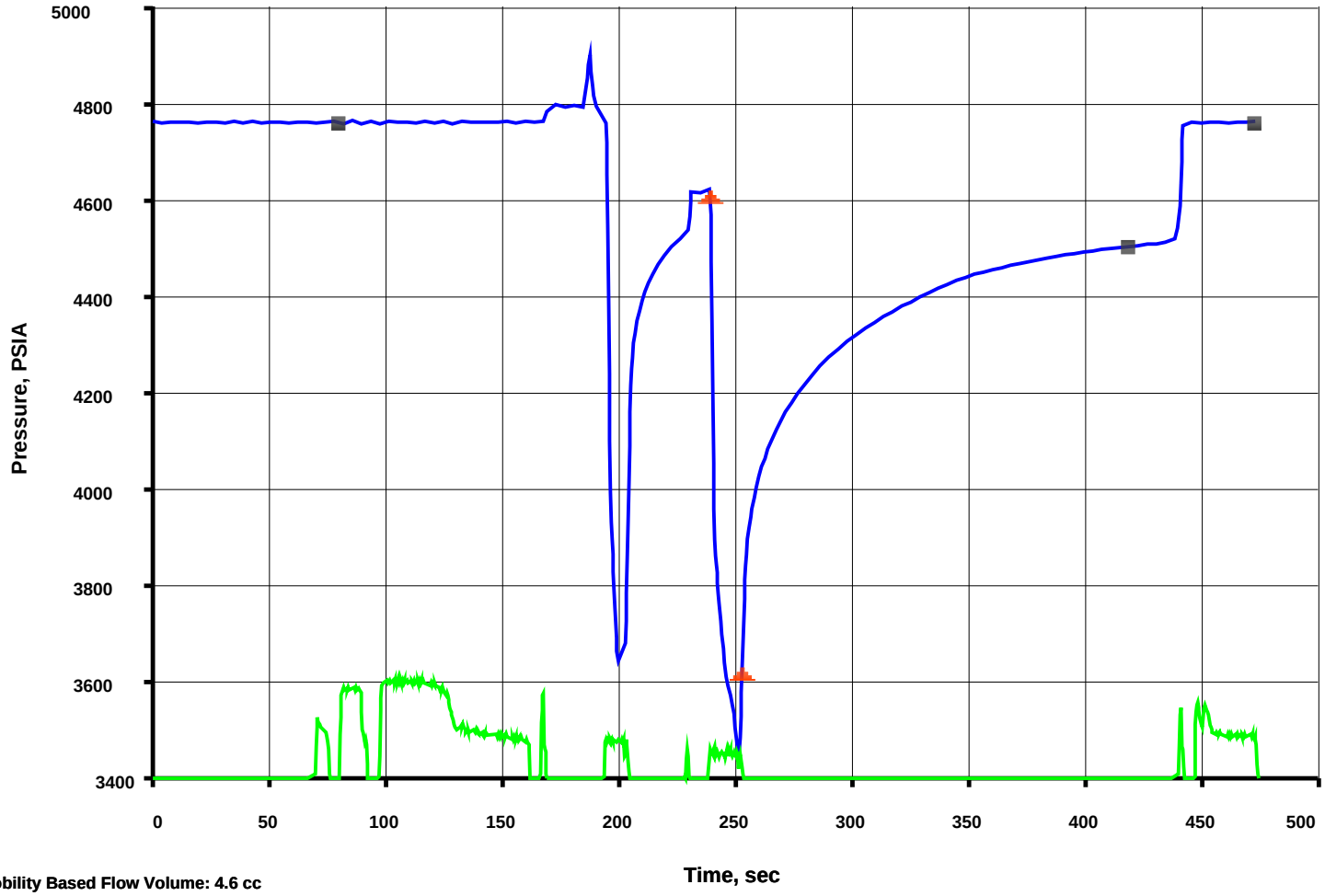
MAXIS Field Log

File 61	Depth, M: 2959.02	Volumetric Pretest − Large−Diameter probe	
14−Jul−2009	CDEX	Mud Pressure before test, PSIA:	4757.8

Kumanonada, Offshore Kii peninsula

C0009A

Mud Pressure after test, PSIA: 4758.27
Last build−up pressure, PSIA: 4502.27
Draw−down mobility, md/cp: 0.3



Mobility Based Flow Volume: 4.6 cc

Total Pretest Volume: 4.8 cc − MRPS_1− BQP1 Resolution: 0.010psi

Company: CDEX Well: C0009A

Output DLIS Files

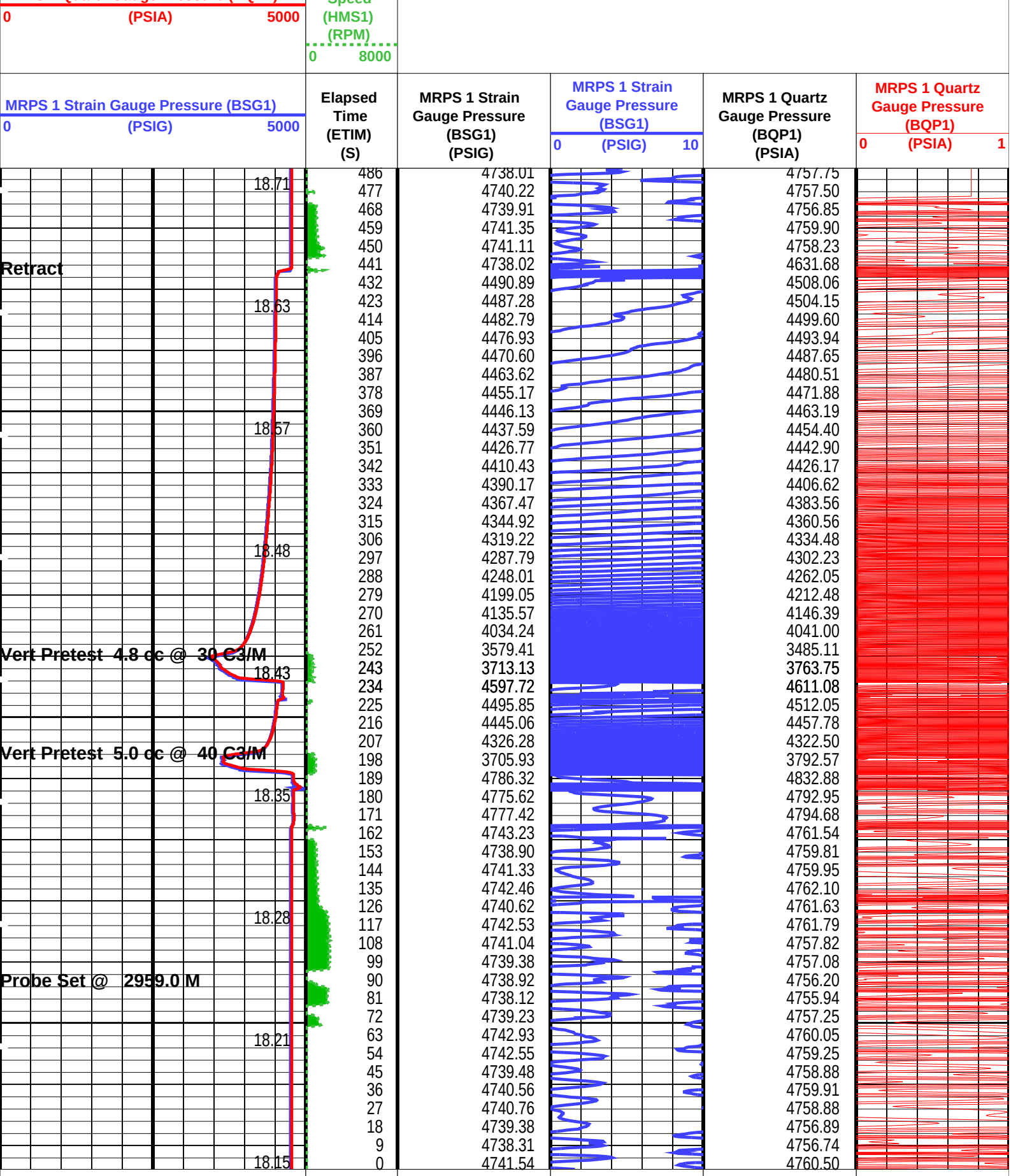
DEFAULT	MDT_061LTP	FN:160	PRODUCER	14−Jul−2009 19:55	2961.0 M
CLIENT	MDT_061LTC	FN:161	CUSTOMER	14−Jul−2009 19:55	2961.0 M
BACKUP	MDT_061LTP	FN:162	PRODUCER	14−Jul−2009 19:54	2961.0 M

Elapsed Time (s)	Event Summary
442.5	Retract Single Probe Module (MRPS) 1
234.6	Vert Pretest 4.8 cc @ 30 C3/M Single Probe Module (MRPS) 1
189.3	Vert Pretest 5.0 cc @ 40 C3/M Single Probe Module (MRPS) 1
93.0	Probe Set @ 2959.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)	
MRPS 1 Quartz Gauge Pressure (BQP1)		MRHY 1 Motor Speed


MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
MRHY 1 Motor Speed (HMS1) (RPM)
0 8000
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 5000
Elapsed Time (ETIM) (S)
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1
18.71
Retract
18.63
18.57
18.48
Vert Pretest 4.8 cc @ 30 C3/M
18.43
Vert Pretest 5.0 cc @ 40 C3/M
18.35
18.28
Probe Set @ 2959.0 M
18.21
18.15
486 4738.01 4757.75
477 4740.22 4757.50
468 4739.91 4756.85
459 4741.35 4759.90
450 4741.11 4758.23
441 4738.02 4631.68
432 4490.89 4508.06
423 4487.28 4504.15
414 4482.79 4499.60
405 4476.93 4493.94
396 4470.60 4487.65
387 4463.62 4480.51
378 4455.17 4471.88
369 4446.13 4463.19
360 4437.59 4454.40
351 4426.77 4442.90
342 4410.43 4426.17
333 4390.17 4406.62
324 4367.47 4383.56
315 4344.92 4360.56
306 4319.22 4334.48
297 4287.79 4302.23
288 4248.01 4262.05
279 4199.05 4212.48
270 4135.57 4146.39
261 4034.24 4041.00
252 3579.41 3485.11
243 3713.13 3763.75
234 4597.72 4611.08
225 4495.85 4512.05
216 4445.06 4457.78
207 4326.28 4322.50
198 3705.93 3792.57
189 4786.32 4832.88
180 4775.62 4792.95
171 4777.42 4794.68
162 4743.23 4761.54
153 4738.90 4759.81
144 4741.33 4759.95
135 4742.46 4762.10
126 4740.62 4761.63
117 4742.53 4761.79
108 4741.04 4757.82
99 4739.38 4757.08
90 4738.92 4756.20
81 4738.12 4755.94
72 4739.23 4757.25
63 4742.93 4760.05
54 4742.55 4759.25
45 4739.48 4758.88
36 4740.56 4759.91
27 4740.76 4758.88
18 4739.38 4756.89
9 4738.31 4756.74
0 4741.54 4760.50
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 5000
Elapsed Time (ETIM) (S)
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)
MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 10
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000
MRHY 1 Motor Speed (HMS1) (RPM)

(RPM)
0 8000

MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: SQ_QG 9s Vertical Scale: 1" per 60S Graphics File Created: 14−Jul−2009 19:55

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_061LTP	FN:160	PRODUCER	14−Jul−2009 19:55
CLIENT	MDT_061LTC	FN:161	CUSTOMER	14−Jul−2009 19:55
BACKUP	MDT_061LTP	FN:162	PRODUCER	14−Jul−2009 19:54

Schlumberger

Pressure Test @ 3256.0 M
Good Test

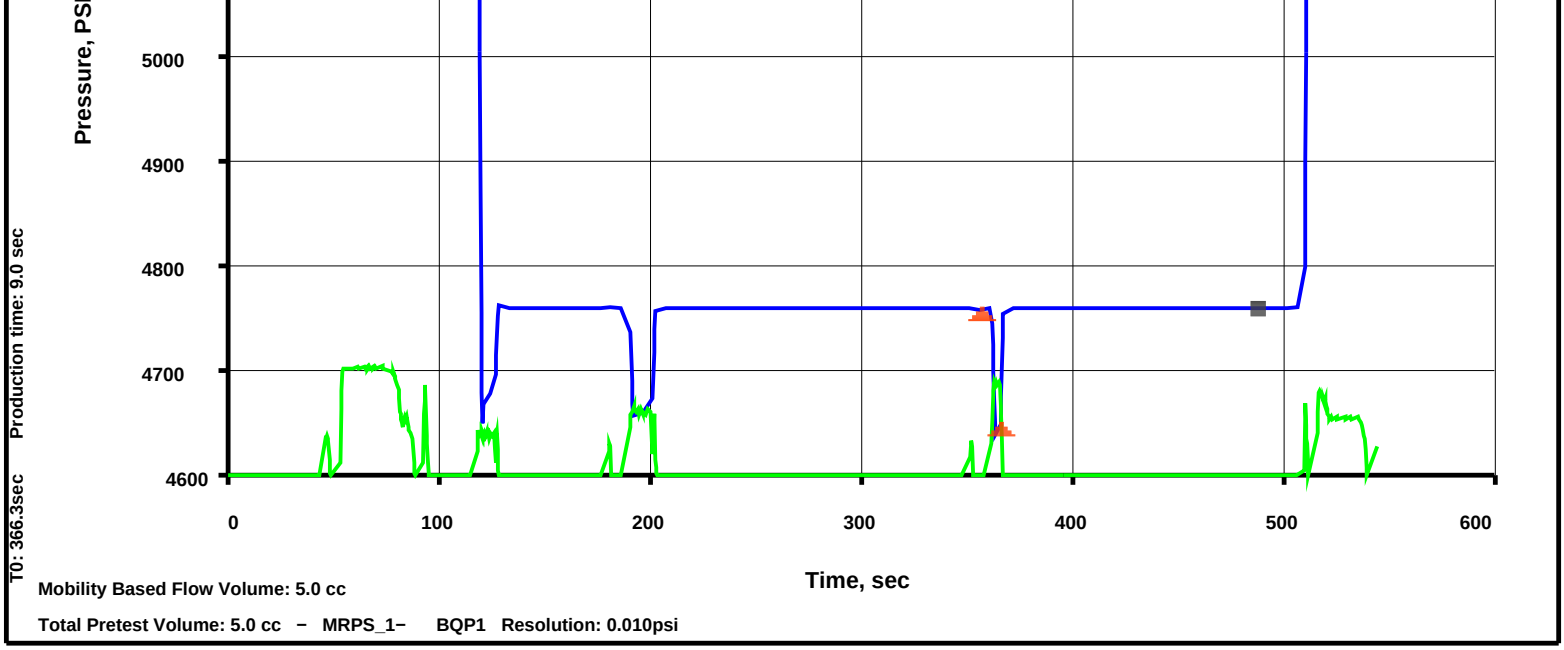
MAXIS Field Log

File 65
14−Jul−2009

Depth, M: 3256.06
CDEX
Kumanonada, Offshore Kii peninsula
C0009A

Volumetric Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	5235.49
Mud Pressure after test, PSIA:	5237.44
Last build−up pressure, PSIA:	4759.52
Draw−down mobility, md/cp:	24.6



Company: CDEX **Well: C0009A**

Output DLIS Files

DEFAULT	MDT_065LTP	FN:172	PRODUCER	14–Jul–2009 20:52	3258.1 M
CLIENT	MDT_065LTC	FN:173	CUSTOMER	14–Jul–2009 20:52	3258.1 M
BACKUP	MDT_065LTP	FN:174	PRODUCER	14–Jul–2009 20:51	3258.1 M

Event Summary

Elapsed Time (s)	
511.8	Retract Single Probe Module (MRPS) 1
357.3	Vert Pretest 5.0 cc @ 80 C3/M Single Probe Module (MRPS) 1
186.0	Vert Pretest 9.8 cc @ 60 C3/M Single Probe Module (MRPS) 1
113.7	Vert Pretest 4.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
49.2	Probe Set @ 3256.1 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

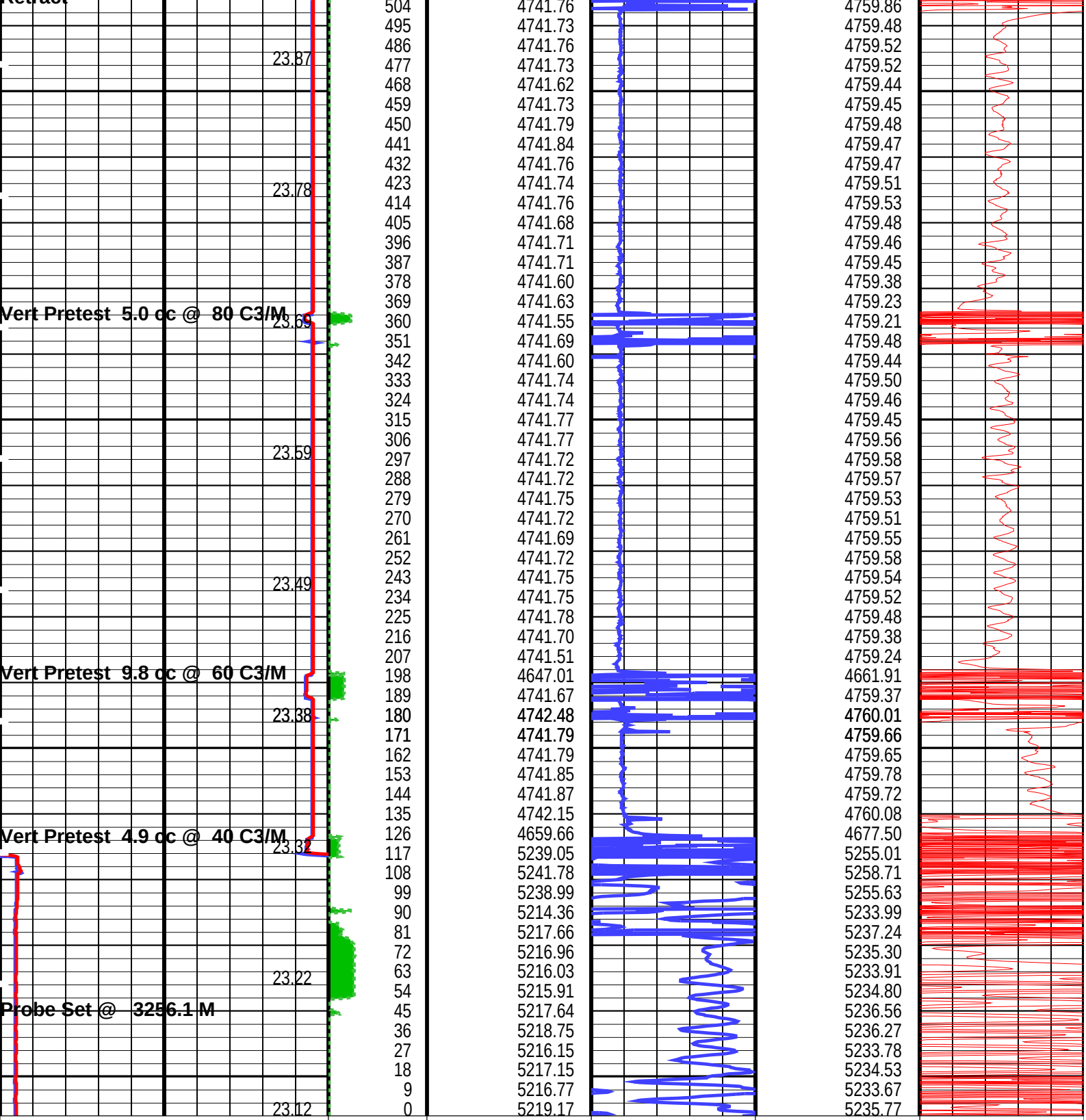
MRHY 1 Motor Speed (HMS1) (RPM)
0 8000

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 5000

Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
549	5220.80		5232.00	
540	5220.48		5237.07	
531	5217.06		5232.09	
522	5214.34		5231.34	
513	5213.56		5231.33	

24.01

Retract



MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 5000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				
	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)				

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: SQ_QG 9s Vertical Scale: 1" per 60S Graphics File Created: 14−Jul−2009 20:52

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_065LTP	FN:172	PRODUCER	14−Jul−2009 20:52
CLIENT	MDT_065LTC	FN:173	CUSTOMER	14−Jul−2009 20:52
BACKUP	MDT_065LTP	FN:174	PRODUCER	14−Jul−2009 20:51

Schlumberger

Pressure Test @ 3417.0 M
Low Mobility Test

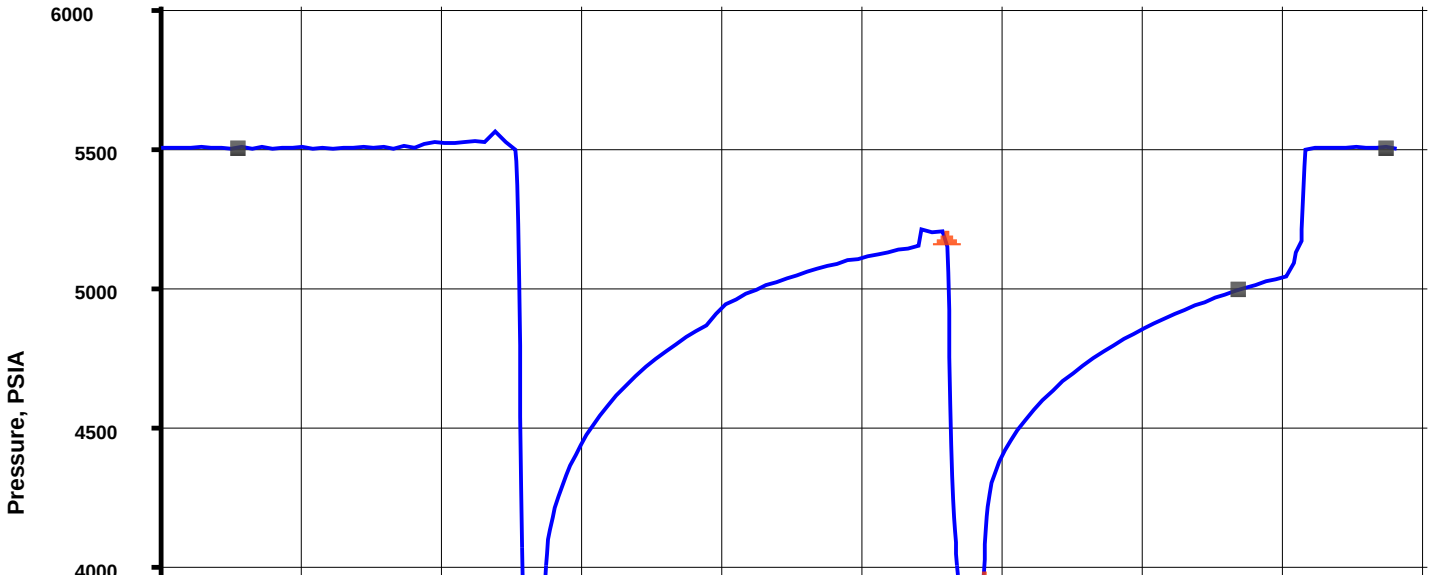
MAXIS Field Log

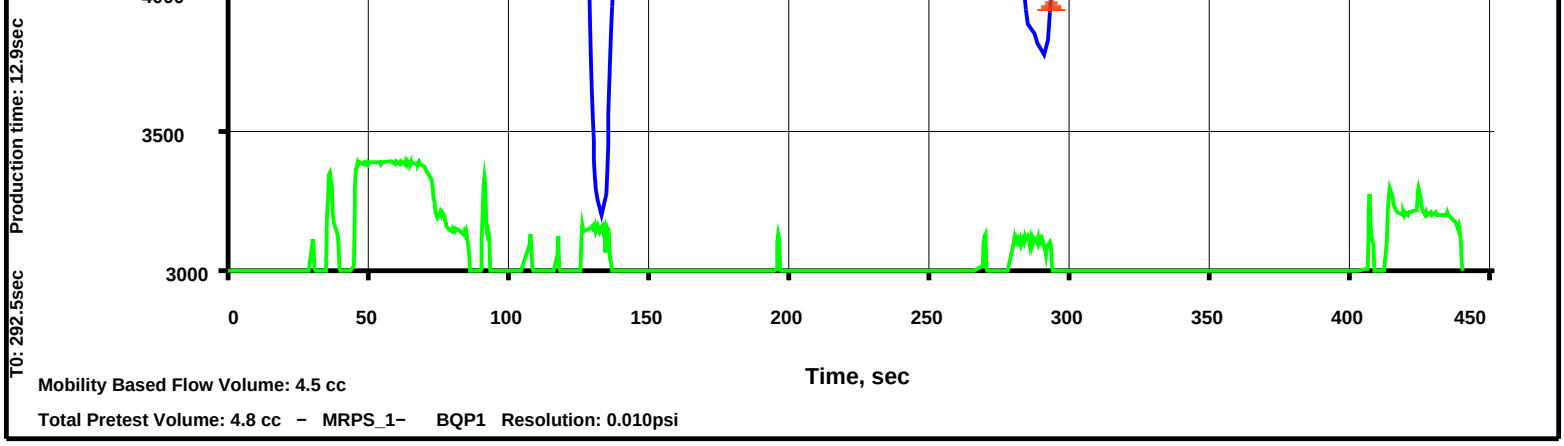
File 67
14−Jul−2009

Depth, M: 3416.99
CDEX
Kumanonada, Offshore Kii peninsula
C0009A

Volumetric Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	5494.53
Mud Pressure after test, PSIA:	5494.1
Last build−up pressure, PSIA:	4990.61
Draw−down mobility, md/cp:	0.3





Company: CDEX **Well: C0009A**

Output DLIS Files

DEFAULT	MDT_067LTP	FN:178	PRODUCER	14–Jul–2009 21:29	3419.0 M
CLIENT	MDT_067LTC	FN:179	CUSTOMER	14–Jul–2009 21:29	3419.0 M
BACKUP	MDT_067LTP	FN:180	PRODUCER	14–Jul–2009 21:29	3419.0 M

Event Summary

Elapsed Time (s)	
407.4	Retract Single Probe Module (MRPS) 1
274.2	Vert Pretest 4.8 cc @ 30 C3/M Single Probe Module (MRPS) 1
189.9	Auto Reset Single Probe Module (MRPS) 1
121.2	Vert Pretest 4.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
102.0	Auto Reset Single Probe Module (MRPS) 1
40.5	Probe Set @ 3417.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

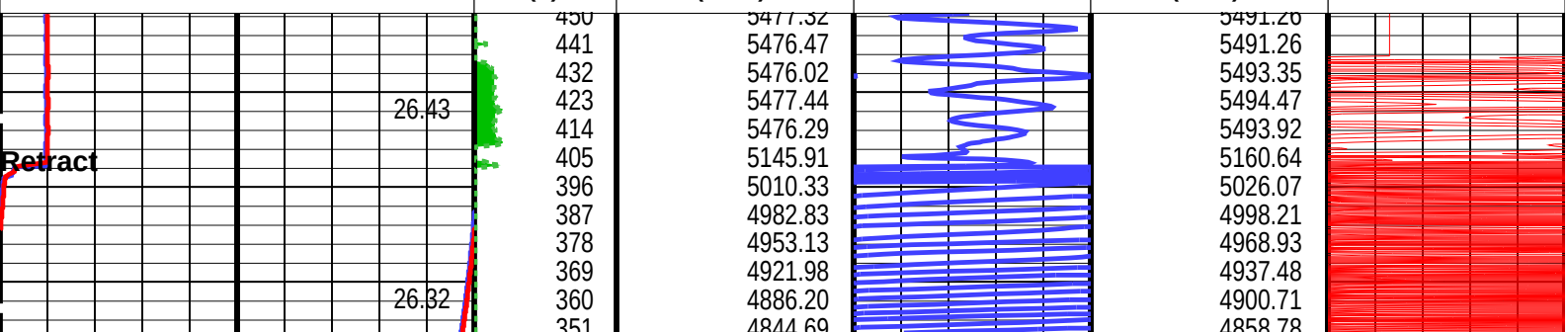
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)

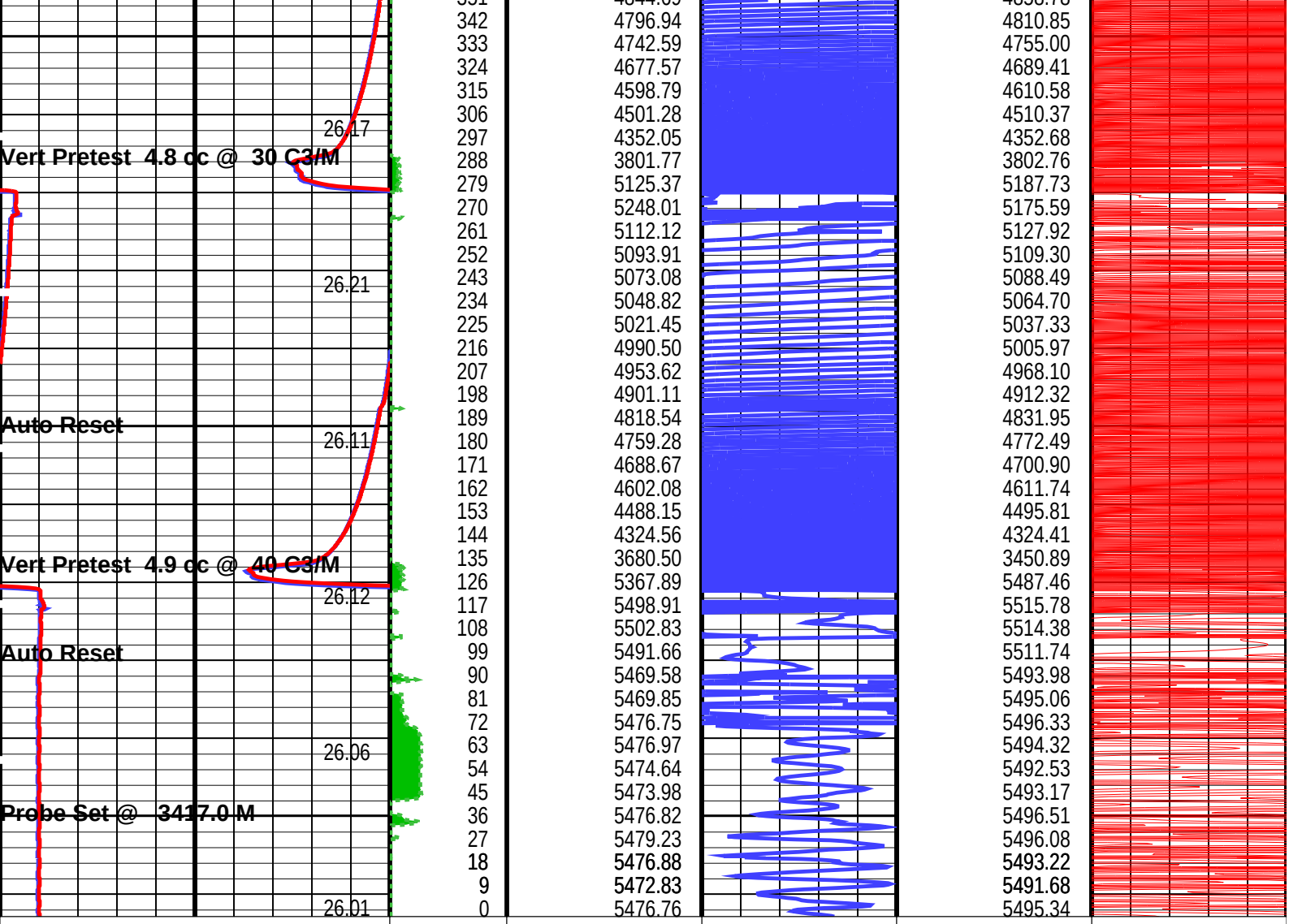
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000

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

MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 5000

Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
450	5477.32		5491.26	
441	5476.47		5491.26	
432	5476.02		5493.35	
423	5477.44		5494.47	
414	5476.29		5493.92	
405	5145.91		5160.64	
396	5010.33		5026.07	
387	4982.83		4998.21	
378	4953.13		4968.93	
369	4921.98		4937.48	
360	4886.20		4900.71	
351	4844.69		4858.78	





342	4796.94		4810.85		
333	4742.59		4755.00		
324	4677.57		4689.41		
315	4598.79		4610.58		
306	4501.28		4510.37		
297	4352.05		4352.68		
288	3801.77		3802.76		
279	5125.37		5187.73		
270	5248.01		5175.59		
261	5112.12		5127.92		
252	5093.91		5109.30		
243	5073.08		5088.49		
234	5048.82		5064.70		
225	5021.45		5037.33		
216	4990.50		5005.97		
207	4953.62		4968.10		
198	4901.11		4912.32		
189	4818.54		4831.95		
180	4759.28		4772.49		
171	4688.67		4700.90		
162	4602.08		4611.74		
153	4488.15		4495.81		
144	4324.56		4324.41		
135	3680.50		3450.89		
126	5367.89		5487.46		
117	5498.91		5515.78		
108	5502.83		5514.38		
99	5491.66		5511.74		
90	5469.58		5493.98		
81	5469.85		5495.06		
72	5476.75		5496.33		
63	5476.97		5494.32		
54	5474.64		5492.53		
45	5473.98		5493.17		
36	5476.82		5496.51		
27	5479.23		5496.08		
18	5476.88		5493.22		
9	5472.83		5491.68		
0	5476.76		5495.34		

MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 5000			0 (PSIG) 10		0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1)	MRHY 1 Motor Speed (HMS1) (RPM)				
0 (PSIA) 5000	0 8000				
	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)				

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: SQ_QG 9s Vertical Scale: 1" per 60S Graphics File Created: 14–Jul–2009 21:29

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_067LTP	FN:178	PRODUCER	14−Jul−2009 21:29
CLIENT	MDT_067LTC	FN:179	CUSTOMER	14−Jul−2009 21:29
BACKUP	MDT_067LTP	FN:180	PRODUCER	14−Jul−2009 21:29

Schlumberger

Pressure Test @ 3546.0 M
Low Mobility Test

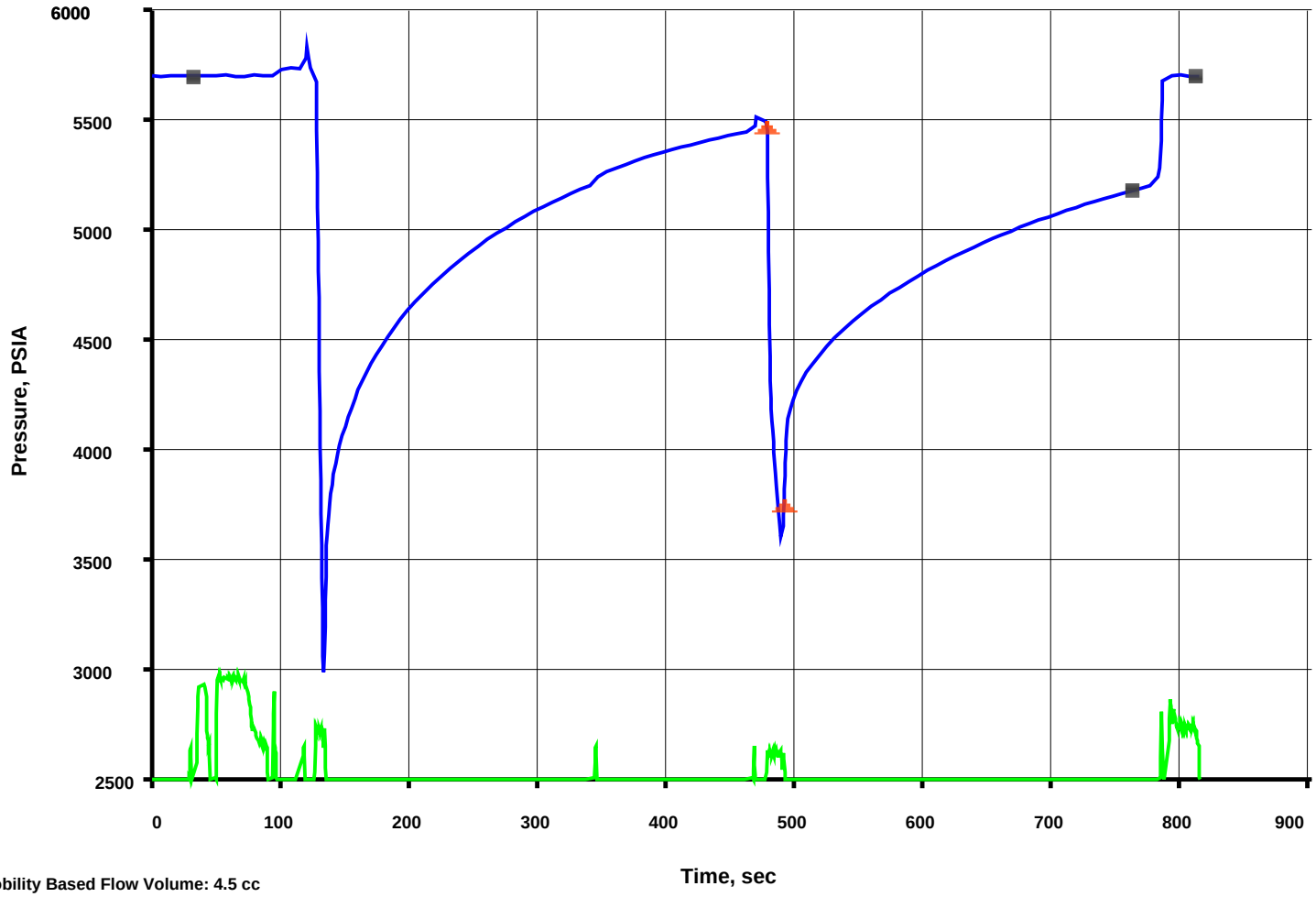
MAXIS Field Log

File 75
14−Jul−2009

Depth, M: 3545.98
CDEX
Kumanonada, Offshore Kii peninsula
C0009A

Volumetric Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	5699.61
Mud Pressure after test, PSIA:	5700.34
Last build−up pressure, PSIA:	5182.79
Draw−down mobility, md/cp:	0.1



Mobility Based Flow Volume: 4.5 cc

Total Pretest Volume: 4.9 cc − MRPS_1− BQP1 Resolution: 0.010psi

Company: CDEX Well: C0009A

Output DLIS Files

DEFAULT	MDT_075LTP	FN:202	PRODUCER	15−Jul−2009 01:27	3548.0 M
CLIENT	MDT_075LTC	FN:203	CUSTOMER	15−Jul−2009 01:27	3548.0 M
BACKUP	MDT_075LTP	FN:204	PRODUCER	15−Jul−2009 01:27	3548.0 M

Elapsed Time (s)	Event Summary
784.8	Retract Single Probe Module (MRPS) 1
472.5	Vert Pretest 4.9 cc @ 30 C3/M Single Probe Module (MRPS) 1
338.7	Auto Reset Single Probe Module (MRPS) 1
122.1	Vert Pretest 4.9 cc @ 50 C3/M Single Probe Module (MRPS) 1
45.6	Probe Set @ 3546.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

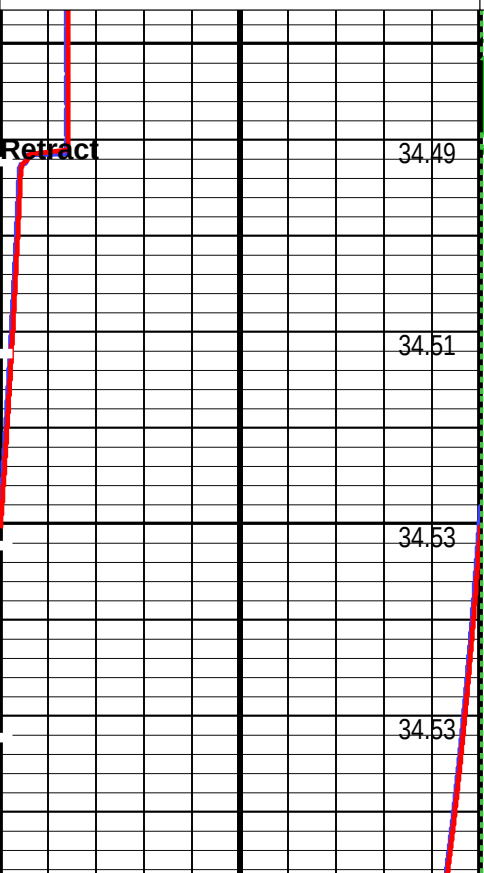
Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)

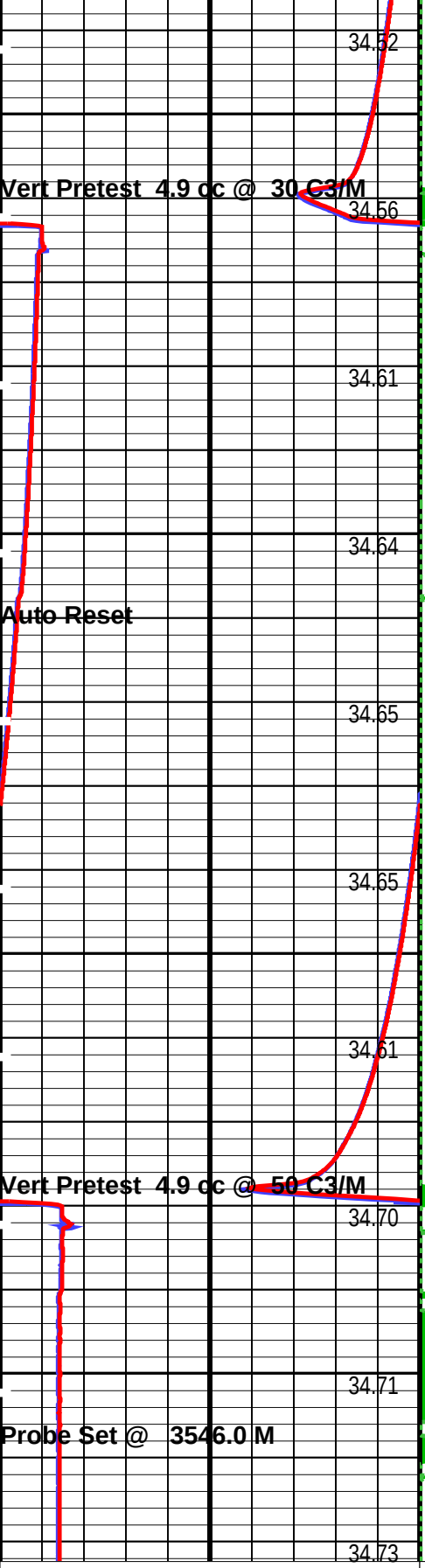
MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

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

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 5000



Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
819	5682.91		5701.13	
810	5682.16		5702.13	
801	5683.22		5702.11	
792	5679.40		5700.91	
783	5676.82		5407.07	
774	5184.86		5202.13	
765	5171.98		5188.79	
756	5157.48		5173.93	
747	5142.86		5159.06	
738	5126.63		5143.39	
729	5111.29		5127.67	
720	5094.07		5110.70	
711	5077.02		5093.06	
702	5058.52		5075.01	
693	5039.49		5056.37	
684	5021.29		5037.46	
675	5001.14		5017.49	
666	4978.84		4994.83	
657	4956.65		4973.19	
648	4934.62		4951.20	
639	4911.08		4927.67	
630	4887.32		4903.11	
621	4861.50		4876.87	
612	4834.43		4849.93	
603	4805.53		4820.98	
594	4775.23		4790.31	
585	4743.56		4758.42	
576	4710.48		4725.33	
567	4675.61		4689.86	
558	4638.36		4652.70	



Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
549	4597.92		4611.72	
540	4553.88		4567.64	
531	4505.59		4519.03	
522	4451.43		4463.41	
513	4386.49		4398.31	
504	4308.08		4317.63	
495	4186.02		4187.05	
486	3654.06		3718.91	
477	5422.08		5485.20	
468	5452.94		5462.11	
459	5425.72		5442.87	
450	5414.86		5431.87	
441	5403.24		5419.73	
432	5391.54		5407.69	
423	5379.51		5396.41	
414	5366.44		5383.47	
405	5352.32		5369.07	
396	5337.63		5354.51	
387	5321.74		5338.73	
378	5305.42		5321.51	
369	5287.07		5302.94	
360	5267.08		5282.82	
351	5243.73		5258.92	
342	5191.81		5207.61	
333	5169.86		5186.26	
324	5146.72		5163.03	
315	5121.54		5138.22	
306	5096.85		5112.95	
297	5070.68		5086.22	
288	5042.03		5057.26	
279	5011.79		5026.28	
270	4978.15		4993.00	
261	4944.04		4958.78	
252	4907.38		4921.41	
243	4867.80		4882.26	
234	4826.23		4840.64	
225	4780.22		4794.25	
216	4731.39		4744.36	
207	4676.96		4689.75	
198	4617.71		4630.27	
189	4552.03		4563.27	
180	4475.20		4486.27	
171	4390.52		4399.42	
162	4288.88		4297.30	
153	4155.80		4160.04	
144	3981.33		3980.75	
135	3587.26		3422.68	
126	5719.22		5732.77	
117	5719.16		5736.04	
108	5722.05		5737.54	
99	5714.33		5731.63	
90	5688.35		5707.54	
81	5687.35		5703.40	
72	5676.54		5698.08	
63	5683.62		5699.37	
54	5683.21		5697.97	
45	5681.22		5696.19	
36	5682.65		5701.44	
27	5685.75		5702.85	
18	5683.64		5700.29	
9	5682.21		5700.01	
0	5683.67		5700.59	

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 5000

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

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

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 5000

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

	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: SQ_QG 9s Vertical Scale: 1" per 60S Graphics File Created: 15−Jul−2009 01:27

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_075LTP	FN:202	PRODUCER	15−Jul−2009 01:27
CLIENT	MDT_075LTC	FN:203	CUSTOMER	15−Jul−2009 01:27
BACKUP	MDT_075LTP	FN:204	PRODUCER	15−Jul−2009 01:27

Schlumberger

Pressure Test @ 3300.0 M
Low Mobility Test

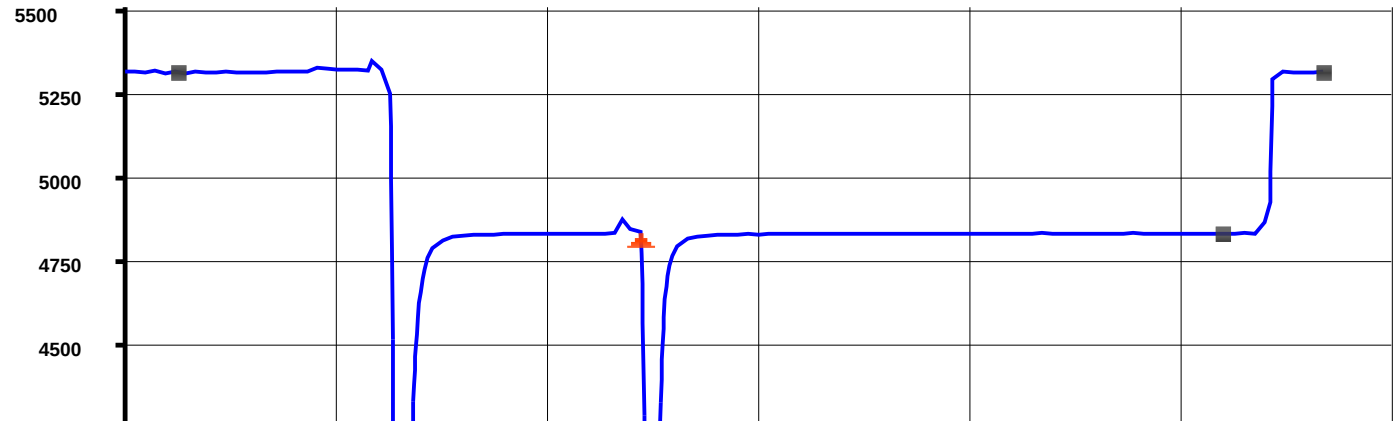
MAXIS Field Log

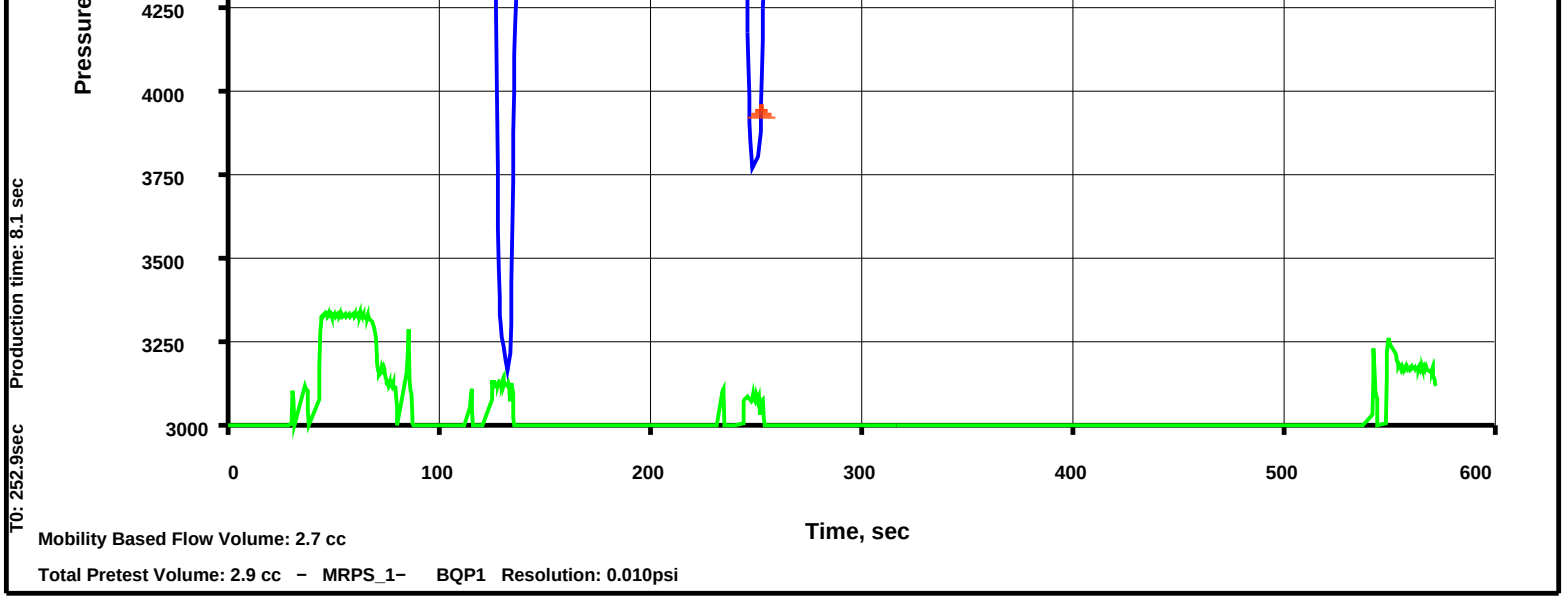
File 78
14−Jul−2009

Depth, M: 3300.03
CDEX
Kumanonada, Offshore Kii peninsula
C0009A

Volumetric Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	5304.5
Mud Pressure after test, PSIA:	5303.44
Last build−up pressure, PSIA:	4825.51
Draw−down mobility, md/cp:	0.7





Company: CDEX **Well: C0009A**

Output DLIS Files

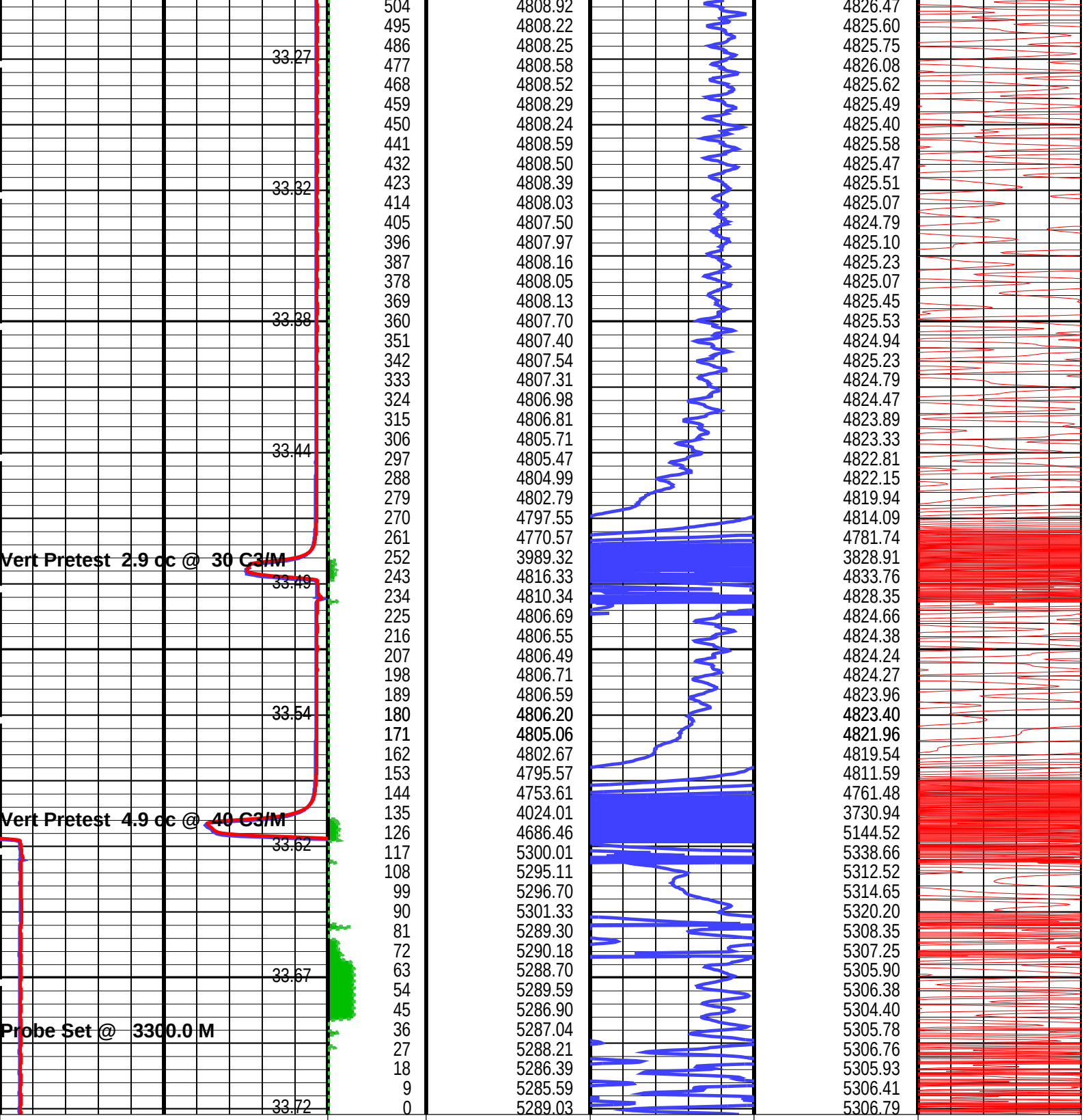
DEFAULT	MDT_078LTP	FN:211	PRODUCER	15–Jul–2009 02:02	3302.0 M
CLIENT	MDT_078LTC	FN:212	CUSTOMER	15–Jul–2009 02:02	3302.0 M
BACKUP	MDT_078LTP	FN:213	PRODUCER	15–Jul–2009 02:02	3302.0 M

Elapsed Time (s)	Event Summary
544.5	Retract Single Probe Module (MRPS) 1
239.7	Vert Pretest 2.9 cc @ 30 C3/M Single Probe Module (MRPS) 1
120.6	Vert Pretest 4.9 cc @ 40 C3/M Single Probe Module (MRPS) 1
39.0	Probe Set @ 3300.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 5000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
				576	5288.59		5307.65	
				567	5288.88		5306.77	
				558	5283.88		5304.55	
				549	5283.73		5305.45	
Retract			33.22	540	4853.69		4866.88	
				531	4808.17		4825.74	
				522	4808.37		4825.59	
				513	4808.78		4826.01	



MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 5000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 5000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				
	MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)				

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: SQ_QG 9s Vertical Scale: 1" per 60S Graphics File Created: 15−Jul−2009 02:02

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_078LTP	FN:211	PRODUCER	15−Jul−2009 02:02
CLIENT	MDT_078LTC	FN:212	CUSTOMER	15−Jul−2009 02:02
BACKUP	MDT_078LTP	FN:213	PRODUCER	15−Jul−2009 02:02

Schlumberger

PA Test @ 3622.0 M
Draw Down Mobility Test

MAXIS Field Log

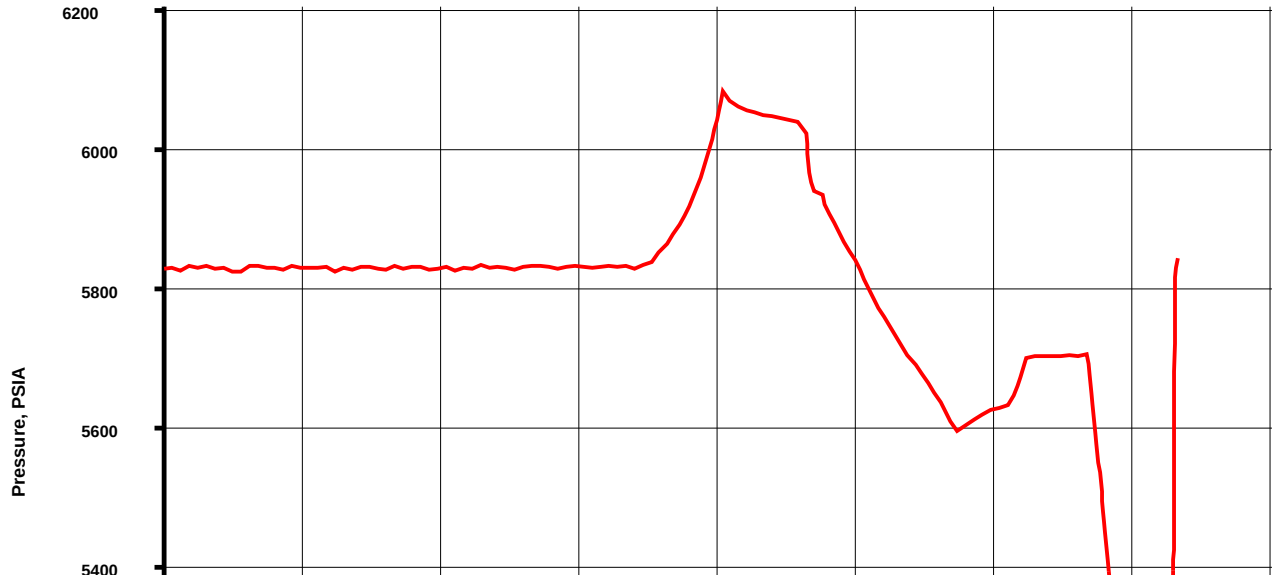
File 73 Probe Depth (PAQP) 3622.0 M

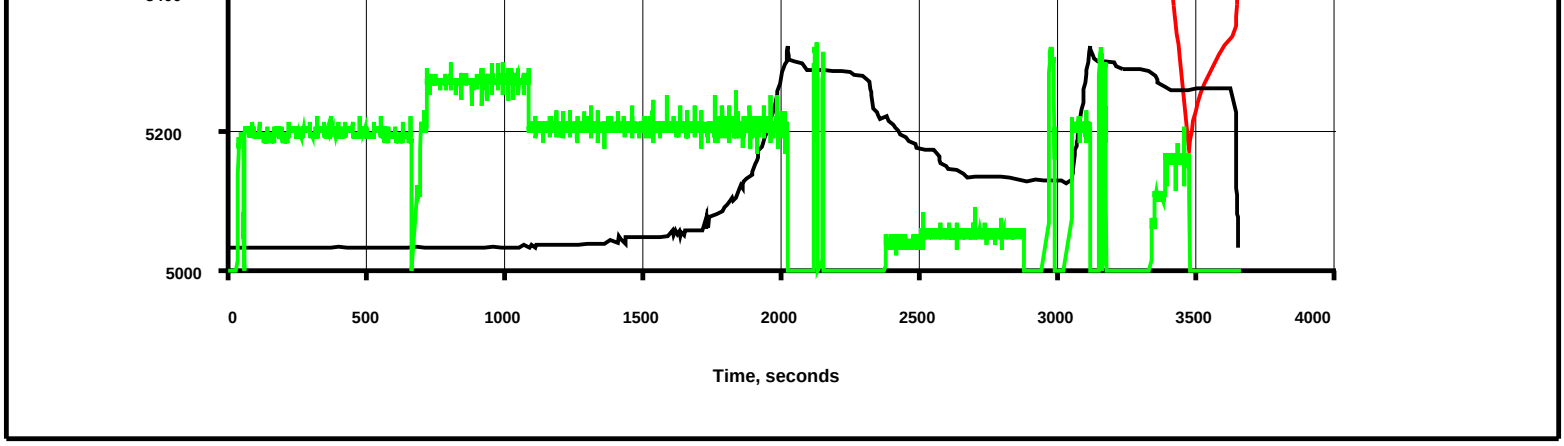
14−Jul−2009 CDEX

Kumanonada, Offshore Kii peninsula

C0009A

PAQP − Quartz Pressure (MRPA)
PAHP − Inflate Pressure (MRPA)
POMS − PO Motor Speed





Company: CDEX **Well: C0009A**

Output DLIS Files

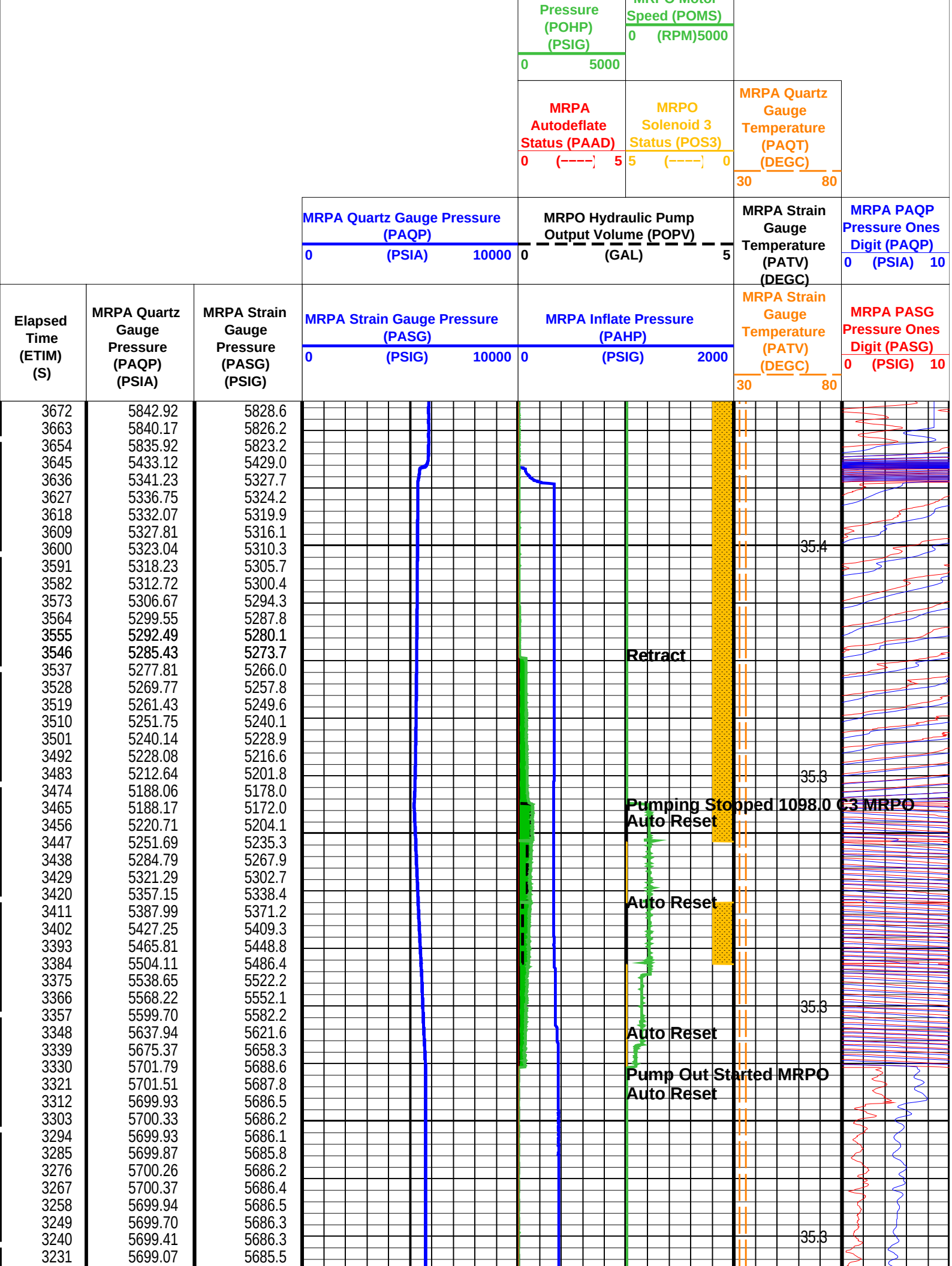
DEFAULT	MDT_073LTP	FN:196	PRODUCER	14−Jul−2009 22:41	3622.0 M
CLIENT	MDT_073LTC	FN:197	CUSTOMER	14−Jul−2009 22:41	3622.0 M
BACKUP	MDT_073LTP	FN:198	PRODUCER	14−Jul−2009 22:41	3622.0 M

Elapsed Time (s)	Event Summary
3548.1	Retract Single Probe Module (MRPS) 1
3470.4	Pumping Stopped 1098.0 C3 Dual Pumpout Module (MRPO)
3462.0	Auto Reset Single Probe Module (MRPS) 1
3419.4	Auto Reset Single Probe Module (MRPS) 1
3351.3	Auto Reset Single Probe Module (MRPS) 1
3329.7	Pump Out Started Dual Pumpout Module (MRPO)
3319.8	Auto Reset Single Probe Module (MRPS) 1
3222.6	Probe Set @ 3620.0 M Single Probe Module (MRPS) 1
3111.0	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
3041.1	Pump In Started Dual Pumpout Module (MRPO)
2913.6	Retract Single Probe Module (MRPS) 1
2874.0	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
2824.2	Auto Reset Single Probe Module (MRPS) 1
2625.0	Auto Reset Single Probe Module (MRPS) 1
2371.8	Pump Out Started Dual Pumpout Module (MRPO)
2272.5	Vert Pretest 4.9 cc @ 50 C3/M Single Probe Module (MRPS) 1
2173.8	Probe Set @ 3620.0 M Single Probe Module (MRPS) 1
2020.8	Pumping Stopped 21228.0 C3 Dual Pumpout Module (MRPO)
680.4	Pump In Started Dual Pumpout Module (MRPO)
665.4	Pumping Stopped 8784.0 C3 Dual Pumpout Module (MRPO)
34.5	Pump In Started Dual Pumpout Module (MRPO)

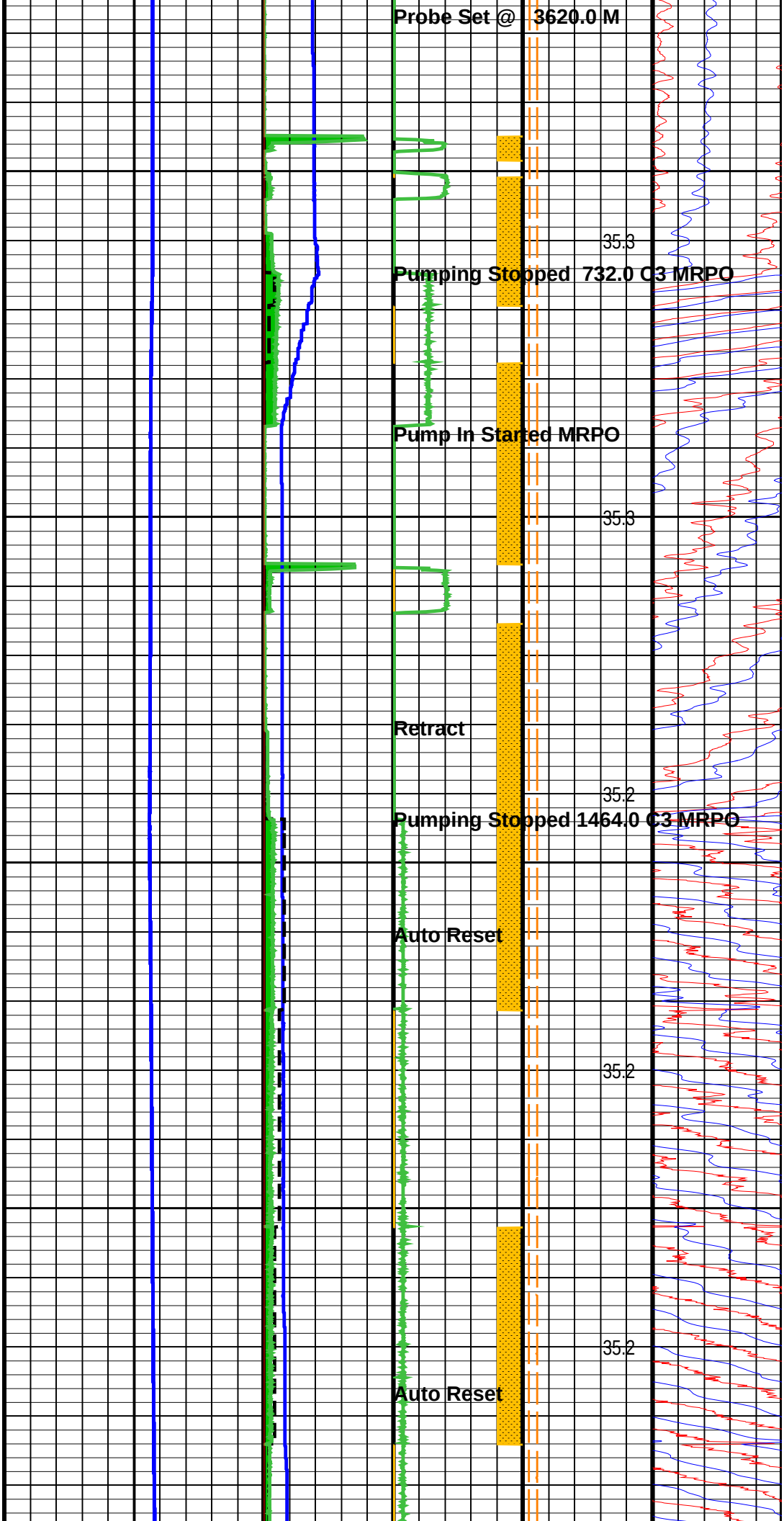
PIP SUMMARY

Time Mark Every 60 S

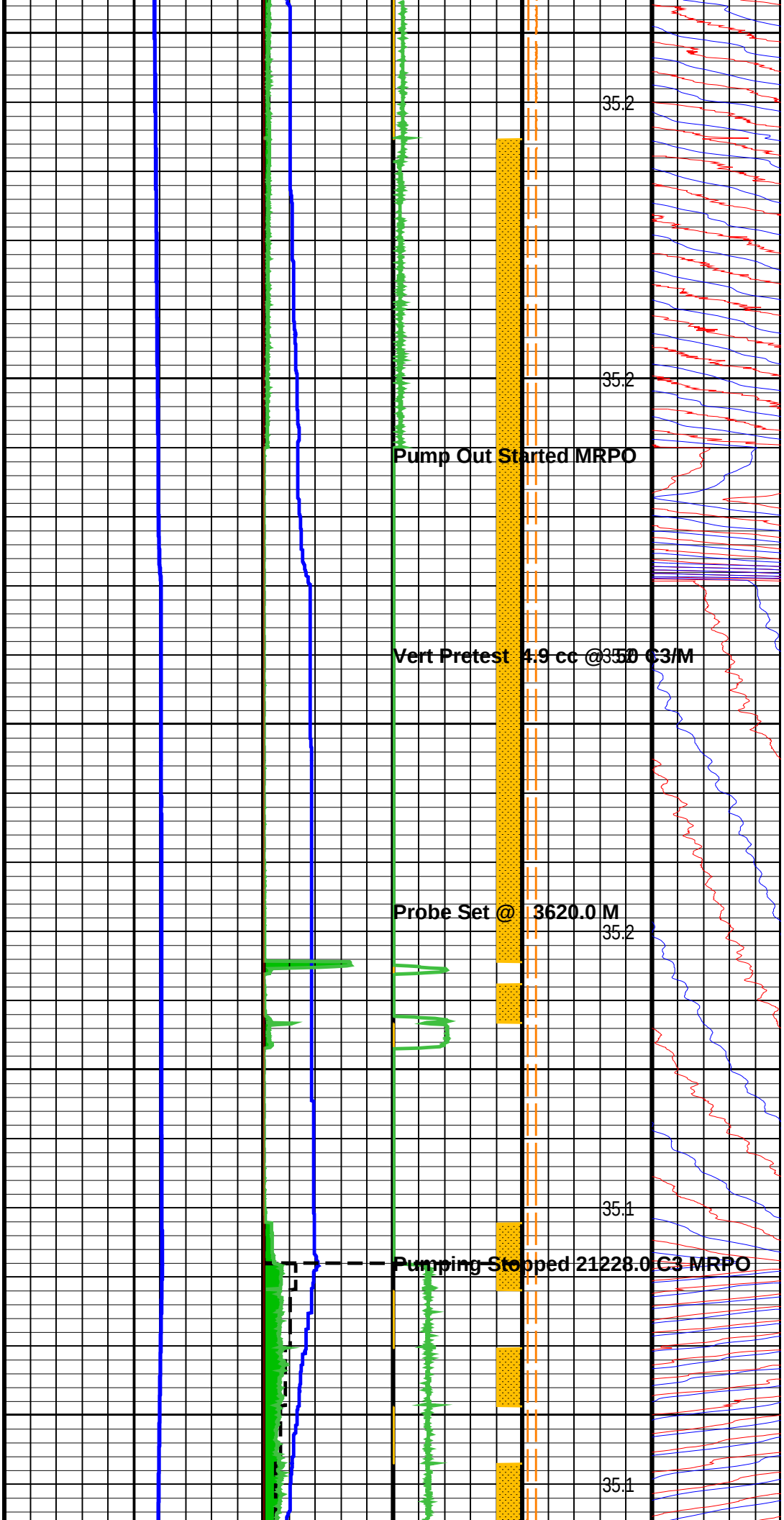
	MRPA Solenoid Status (PASO)
	−4 (−−−−) 1
MRPO Hydraulic	MRPO Motor


Pressure (POHP) (PSIG)
0 5000
Speed (POMS)
0 (RPM)5000
MRPA Autodeflate Status (PAAD)
0 5
MRPO Solenoid 3 Status (POS3)
5 0
MRPA Quartz Gauge Temperature (PAQT) (DEGC)
30 80
MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 10000
MRPO Hydraulic Pump Output Volume (POPV)
0 (GAL) 5
MRPA Strain Gauge Temperature (PATV) (DEGC)
MRPA PAQP Pressure Ones Digit (PAQP)
0 (PSIA) 10
Elapsed Time (ETIM) (S)
MRPA Quartz Gauge Pressure (PAQP) (PSIA)
MRPA Strain Gauge Pressure (PASG) (PSIG)
MRPA Strain Gauge Pressure (PASG)
0 (PSIG) 10000
MRPA Inflate Pressure (PAHP)
0 (PSIG) 2000
MRPA Strain Gauge Temperature (PATV) (DEGC)
30 80
MRPA PASG Pressure Ones Digit (PASG)
0 (PSIG) 10
3672 5842.92 5828.6
3663 5840.17 5826.2
3654 5835.92 5823.2
3645 5433.12 5429.0
3636 5341.23 5327.7
3627 5336.75 5324.2
3618 5332.07 5319.9
3609 5327.81 5316.1
3600 5323.04 5310.3
3591 5318.23 5305.7
3582 5312.72 5300.4
3573 5306.67 5294.3
3564 5299.55 5287.8
3555 5292.49 5280.1
3546 5285.43 5273.7
3537 5277.81 5266.0
3528 5269.77 5257.8
3519 5261.43 5249.6
3510 5251.75 5240.1
3501 5240.14 5228.9
3492 5228.08 5216.6
3483 5212.64 5201.8
3474 5188.06 5178.0
3465 5188.17 5172.0
3456 5220.71 5204.1
3447 5251.69 5235.3
3438 5284.79 5267.9
3429 5321.29 5302.7
3420 5357.15 5338.4
3411 5387.99 5371.2
3402 5427.25 5409.3
3393 5465.81 5448.8
3384 5504.11 5486.4
3375 5538.65 5522.2
3366 5568.22 5552.1
3357 5599.70 5582.2
3348 5637.94 5621.6
3339 5675.37 5658.3
3330 5701.79 5688.6
3321 5701.51 5687.8
3312 5699.93 5686.5
3303 5700.33 5686.2
3294 5699.93 5686.1
3285 5699.87 5685.8
3276 5700.26 5686.2
3267 5700.37 5686.4
3258 5699.94 5686.5
3249 5699.70 5686.3
3240 5699.41 5686.3
3231 5699.07 5685.5
Retract
Pumping Stopped 1098.0 C3 MRPO Auto Reset
Auto Reset
Auto Reset
Pump Out Started MRPO Auto Reset
35.4
35.3
35.3
35.3

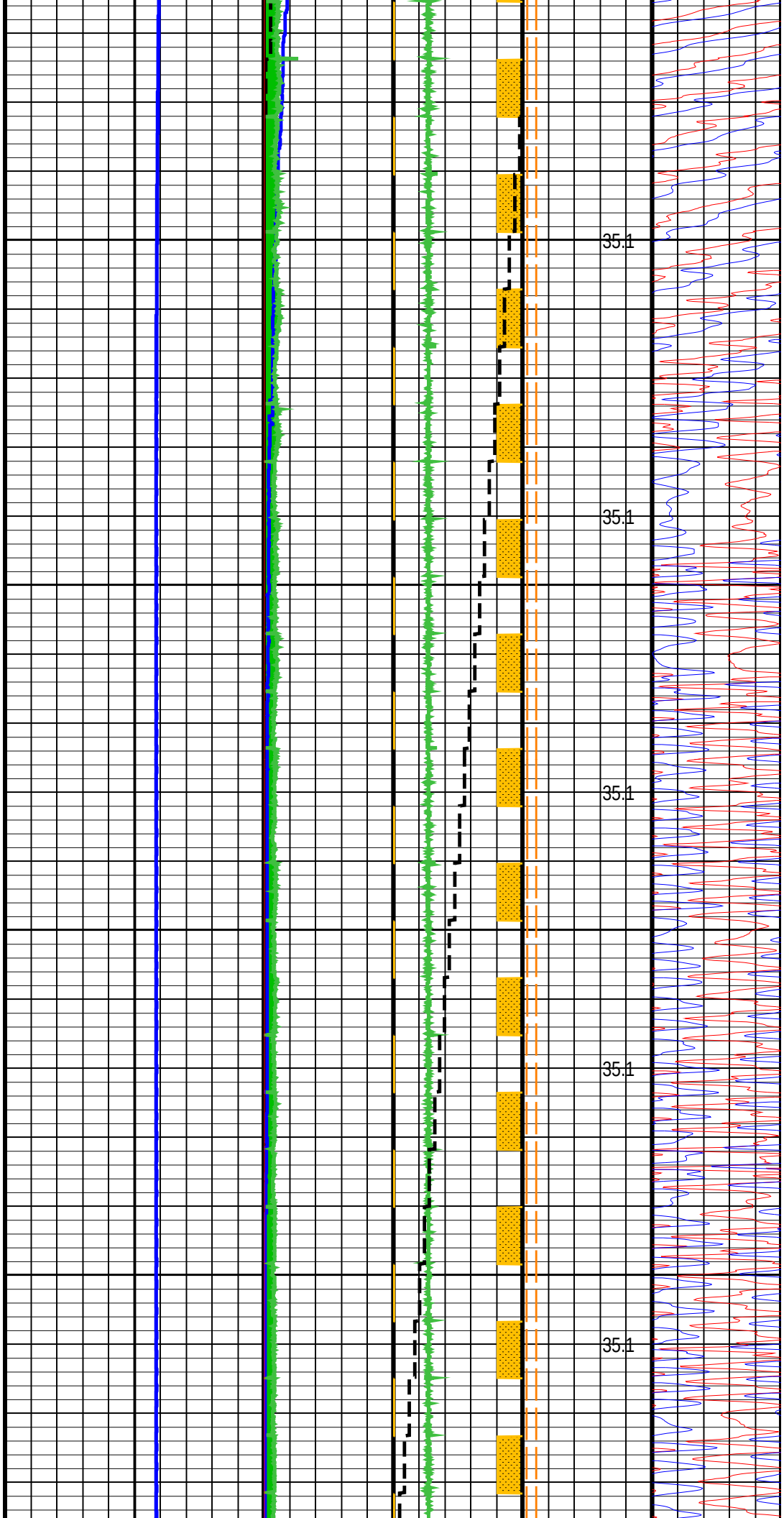
3222	5699.10	5685.1
3213	5698.96	5685.2
3204	5699.00	5685.8
3195	5699.00	5686.3
3186	5699.07	5685.8
3177	5699.16	5685.8
3168	5698.46	5685.0
3159	5698.22	5684.7
3150	5698.74	5685.1
3141	5699.08	5685.4
3132	5697.43	5684.1
3123	5697.40	5684.1
3114	5697.73	5684.2
3105	5688.99	5676.6
3096	5677.02	5664.6
3087	5664.56	5652.5
3078	5653.26	5641.5
3069	5644.05	5631.6
3060	5636.01	5624.1
3051	5630.16	5618.4
3042	5626.79	5613.5
3033	5626.37	5613.2
3024	5625.49	5612.6
3015	5624.69	5612.2
3006	5624.12	5611.2
2997	5622.25	5608.8
2988	5620.37	5606.0
2979	5619.58	5606.9
2970	5618.49	5606.4
2961	5617.55	5605.0
2952	5614.89	5601.4
2943	5613.21	5599.8
2934	5612.14	5599.4
2925	5609.99	5596.6
2916	5607.38	5593.6
2907	5604.01	5591.0
2898	5600.48	5588.2
2889	5597.23	5584.3
2880	5593.09	5579.4
2871	5586.39	5571.4
2862	5592.00	5578.1
2853	5598.66	5584.4
2844	5604.48	5591.7
2835	5610.92	5598.2
2826	5616.27	5602.5
2817	5621.46	5607.6
2808	5628.18	5613.6
2799	5636.39	5623.7
2790	5640.55	5626.8
2781	5644.47	5631.2
2772	5651.11	5635.7
2763	5656.83	5642.0
2754	5662.34	5650.2
2745	5667.11	5654.6
2736	5673.54	5659.4
2727	5679.40	5666.0
2718	5685.20	5672.0
2709	5690.27	5676.2
2700	5694.87	5680.3
2691	5697.48	5683.6
2682	5701.11	5685.9
2673	5707.64	5692.7
2664	5712.66	5698.1
2655	5717.53	5703.7
2646	5724.13	5708.9
2637	5730.82	5716.0
2628	5736.26	5722.0
2619	5742.20	5727.4
2610	5748.57	5734.0
2601	5753.37	5738.7
2592	5759.24	5745.3
2583	5766.62	5752.0
2574	5773.82	5759.5



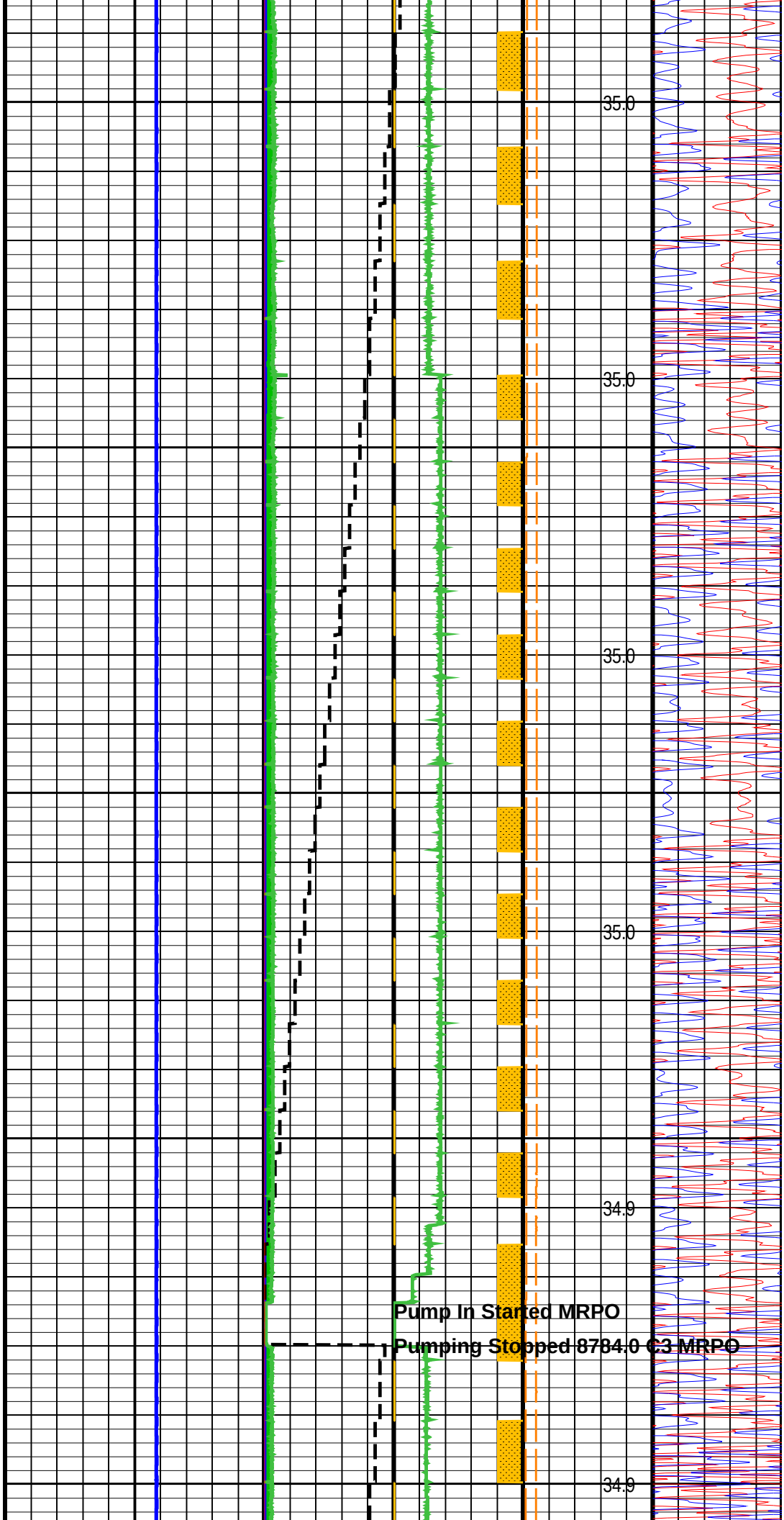
2565	5780.14	5767.0
2556	5785.41	5771.8
2547	5791.74	5777.2
2538	5799.36	5784.9
2529	5806.76	5792.1
2520	5814.67	5800.6
2511	5822.63	5808.1
2502	5829.70	5814.2
2493	5836.22	5821.8
2484	5842.73	5828.2
2475	5848.66	5835.0
2466	5855.48	5840.3
2457	5861.34	5846.9
2448	5867.11	5851.9
2439	5874.24	5859.4
2430	5881.00	5866.0
2421	5887.31	5872.5
2412	5893.44	5879.2
2403	5900.57	5886.1
2394	5907.95	5893.4
2385	5916.25	5901.7
2376	5929.57	5914.5
2367	5931.51	5918.0
2358	5928.93	5915.5
2349	5929.02	5913.5
2340	5940.83	5924.8
2331	5959.81	5943.8
2322	5992.98	5973.1
2313	6032.02	6018.0
2304	6032.53	6018.1
2295	6033.37	6018.8
2286	6033.89	6019.5
2277	6034.49	6019.9
2268	6035.13	6020.8
2259	6035.94	6021.8
2250	6036.96	6022.6
2241	6037.98	6023.6
2232	6038.97	6024.6
2223	6040.10	6025.8
2214	6040.67	6026.3
2205	6041.18	6027.0
2196	6041.72	6027.7
2187	6042.12	6028.2
2178	6043.07	6028.8
2169	6043.84	6029.6
2160	6044.66	6030.4
2151	6045.46	6031.2
2142	6046.42	6032.1
2133	6047.38	6033.0
2124	6047.95	6033.6
2115	6049.09	6034.6
2106	6049.92	6035.8
2097	6051.07	6036.8
2088	6052.53	6038.4
2079	6053.76	6039.8
2070	6055.45	6041.2
2061	6057.51	6043.4
2052	6059.82	6045.4
2043	6062.79	6048.2
2034	6067.02	6052.5
2025	6074.37	6058.9
2016	6071.48	6059.3
2007	6055.41	6043.1
1998	6039.17	6026.6
1989	6023.74	6011.6
1980	6010.09	5997.9
1971	5997.24	5985.2
1962	5984.61	5972.0
1953	5974.27	5961.4
1944	5963.00	5949.8
1935	5952.47	5938.8
1926	5943.25	5930.4
1917	5933.45	5920.6
1908	5924.15	5911.8



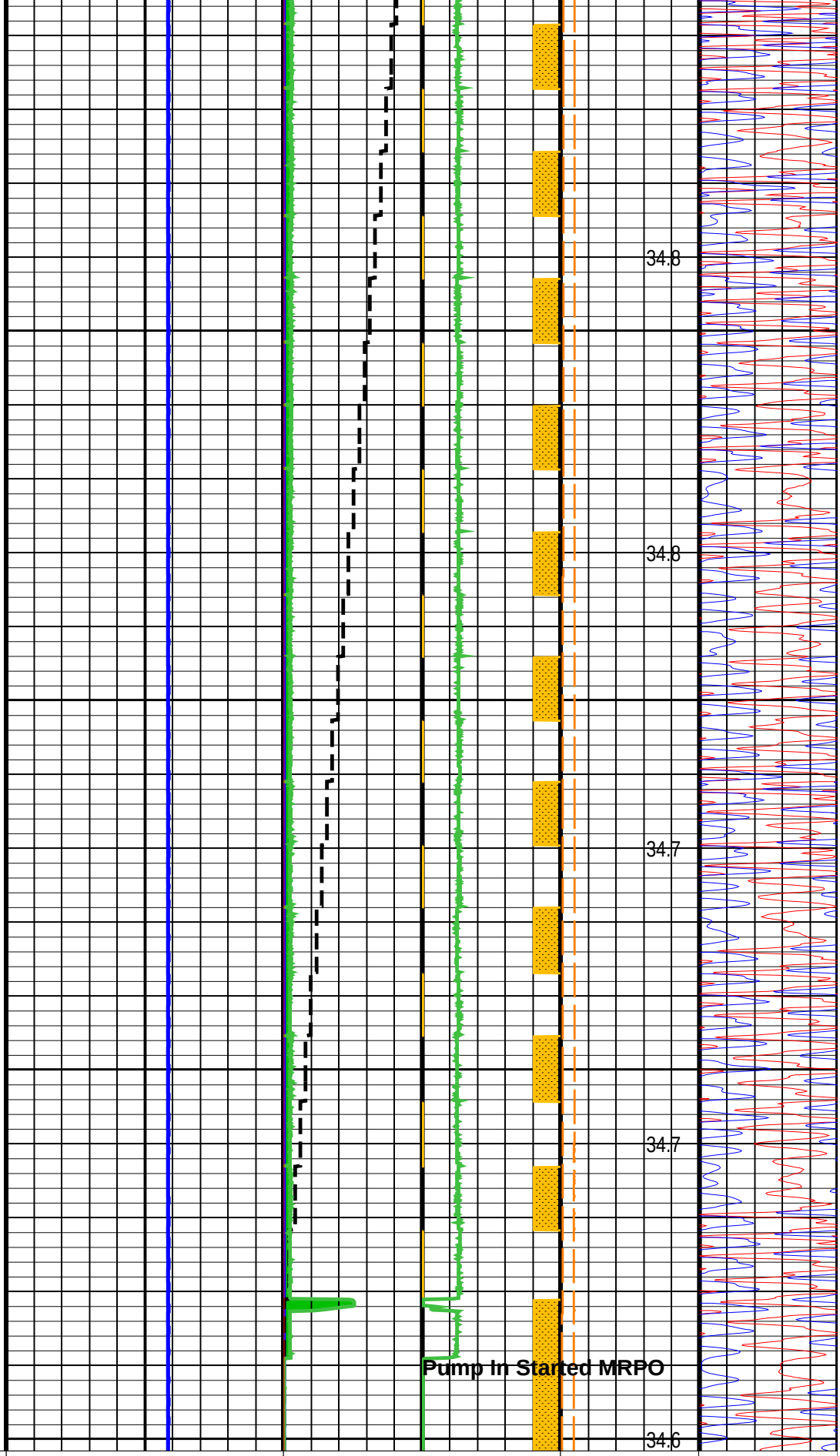
1899	5915.27	5902.6
1890	5907.23	5894.4
1881	5901.23	5887.5
1872	5894.79	5881.4
1863	5888.29	5875.3
1854	5882.12	5869.0
1845	5875.80	5862.6
1836	5869.99	5857.5
1827	5865.84	5851.8
1818	5860.54	5847.5
1809	5855.78	5842.7
1800	5851.63	5837.2
1791	5847.25	5831.9
1782	5844.41	5830.8
1773	5840.21	5827.7
1764	5836.88	5824.3
1755	5832.42	5820.0
1746	5829.08	5815.3
1737	5827.97	5814.3
1728	5824.50	5812.4
1719	5825.11	5809.5
1710	5825.86	5810.0
1701	5824.97	5812.1
1692	5825.77	5812.1
1683	5825.88	5812.1
1674	5823.75	5811.4
1665	5821.70	5811.9
1656	5822.22	5804.7
1647	5825.33	5808.5
1638	5827.22	5814.2
1629	5826.28	5813.9
1620	5825.16	5810.8
1611	5821.35	5805.4
1602	5822.22	5811.7
1593	5824.69	5807.5
1584	5828.27	5812.9
1575	5827.98	5812.0
1566	5825.62	5808.7
1557	5825.80	5807.8
1548	5827.42	5813.2
1539	5828.64	5813.6
1530	5828.40	5813.7
1521	5826.66	5814.9
1512	5821.86	5808.7
1503	5825.24	5811.8
1494	5823.22	5811.0
1485	5822.56	5807.5
1476	5823.95	5807.9
1467	5822.08	5808.3
1458	5822.87	5807.0
1449	5821.74	5810.5
1440	5821.94	5810.7
1431	5825.19	5810.2
1422	5825.07	5814.3
1413	5826.31	5813.0
1404	5826.27	5813.1
1395	5823.05	5812.9
1386	5826.00	5811.9
1377	5828.81	5814.2
1368	5829.69	5814.9
1359	5827.62	5815.7
1350	5828.19	5815.6
1341	5826.19	5811.7
1332	5824.87	5808.0
1323	5821.60	5806.0
1314	5827.21	5810.8
1305	5828.48	5815.1
1296	5824.17	5811.2
1287	5827.13	5813.8
1278	5825.22	5814.7
1269	5824.89	5812.6
1260	5826.15	5814.0
1251	5828.00	5812.3



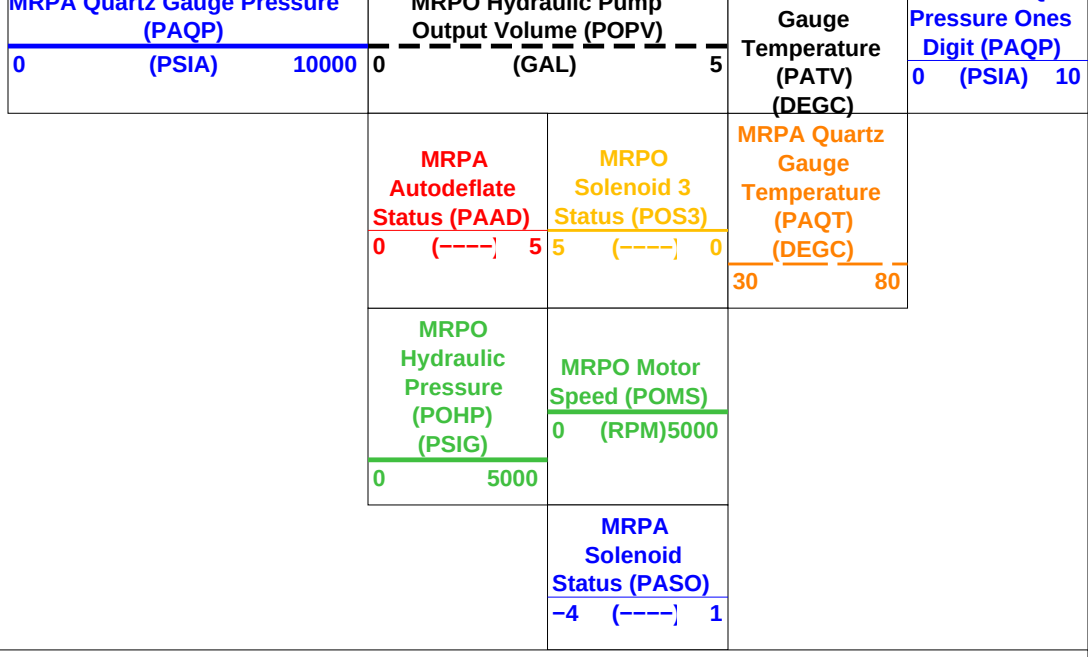
1242	5825.88	5811.6
1233	5822.54	5810.2
1224	5823.55	5810.1
1215	5824.89	5810.3
1206	5825.70	5810.1
1197	5824.88	5810.6
1188	5821.17	5810.6
1179	5824.06	5804.7
1170	5825.82	5810.5
1161	5823.50	5810.1
1152	5827.26	5813.4
1143	5829.56	5813.4
1134	5824.52	5809.7
1125	5826.74	5810.6
1116	5830.00	5813.7
1107	5831.73	5814.3
1098	5829.16	5813.4
1089	5826.95	5812.2
1080	5826.00	5811.9
1071	5824.68	5811.7
1062	5824.04	5808.8
1053	5825.04	5812.1
1044	5825.37	5813.4
1035	5825.59	5813.8
1026	5826.24	5814.4
1017	5828.26	5817.3
1008	5827.54	5816.5
999	5826.80	5815.8
990	5827.85	5816.1
981	5826.82	5811.9
972	5827.09	5812.1
963	5827.21	5812.3
954	5827.52	5812.0
945	5825.83	5812.4
936	5825.64	5807.6
927	5827.00	5810.6
918	5826.62	5811.7
909	5825.91	5811.8
900	5825.28	5811.6
891	5824.82	5809.3
882	5820.73	5810.0
873	5820.98	5810.5
864	5825.39	5810.6
855	5825.02	5811.0
846	5824.36	5812.1
837	5820.02	5809.5
828	5819.57	5810.2
819	5821.51	5810.4
810	5823.22	5807.6
801	5826.13	5809.3
792	5825.64	5808.9
783	5825.29	5811.3
774	5825.09	5811.0
765	5826.00	5814.0
756	5825.75	5813.6
747	5826.32	5815.8
738	5826.32	5815.6
729	5825.92	5815.8
720	5826.02	5810.7
711	5826.51	5809.4
702	5825.91	5809.2
693	5826.62	5812.9
684	5828.69	5812.5
675	5828.46	5812.8
666	5827.37	5815.2
657	5824.84	5812.1
648	5824.84	5811.6
639	5824.13	5813.3
630	5826.10	5814.6
621	5823.36	5810.4
612	5823.77	5809.3
603	5822.37	5813.2
594	5826.10	5818.0



Elapsed Time (ETIM) (S)	MRPA Quartz Gauge Pressure (PAQP) (PSIA)	MRPA Strain Gauge Pressure (PASG) (PSIG)
585	5829.90	5818.2
576	5830.75	5813.5
567	5829.49	5813.7
558	5829.11	5813.7
549	5828.45	5813.1
540	5825.80	5814.8
531	5826.31	5813.7
522	5828.12	5813.4
513	5831.24	5814.3
504	5828.04	5812.1
495	5823.36	5807.1
486	5825.75	5806.4
477	5825.15	5806.4
468	5820.14	5809.9
459	5820.35	5809.5
450	5822.60	5805.8
441	5825.46	5808.4
432	5824.74	5806.3
423	5826.85	5810.6
414	5827.87	5812.8
405	5826.69	5813.1
396	5826.35	5811.9
387	5824.71	5811.0
378	5821.12	5810.3
369	5819.73	5809.6
360	5822.00	5810.8
351	5823.86	5810.2
342	5824.15	5808.5
333	5824.25	5807.2
324	5825.54	5810.8
315	5825.72	5814.1
306	5822.91	5811.2
297	5824.31	5809.9
288	5824.06	5811.2
279	5823.11	5810.7
270	5823.78	5811.2
261	5821.11	5810.1
252	5826.95	5812.5
243	5827.34	5812.1
234	5825.82	5815.8
225	5823.88	5808.7
216	5825.01	5809.7
207	5826.23	5813.5
198	5825.03	5813.4
189	5825.09	5813.5
180	5824.68	5811.0
171	5824.79	5812.9
162	5823.50	5810.5
153	5825.03	5812.9
144	5828.39	5812.6
135	5829.17	5814.9
126	5823.19	5810.4
117	5824.96	5809.9
108	5825.57	5811.7
99	5825.55	5811.9
90	5824.82	5811.3
81	5822.12	5811.0
72	5824.53	5810.5
63	5823.67	5810.6
54	5822.00	5809.4
45	5823.26	5810.5
36	5824.57	5810.5
27	5825.76	5813.0
18	5825.81	5814.3
9	5824.29	5810.7
0	5823.72	5808.8



MRPO Hydraulic Pump	MRPA Strain	MRPA PAQP



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPA_Station Vertical Scale: 1" per 60S Graphics File Created: 14-Jul-2009 22:41

OP System Version: 17C0-154

MRSC_12	17C0-154	MRPO_UD	17C0-154
MRPA	17C0-154	MRPS_1	17C0-154
MRHY_1	17C0-154	MRPO	17C0-154
MRPC	17C0-154	SGT-L	17C0-154
TCC-BF	17C0-154		

Output DLIS Files

DEFAULT	MDT_073LTP	FN:196	PRODUCER	14-Jul-2009 22:41
CLIENT	MDT_073LTC	FN:197	CUSTOMER	14-Jul-2009 22:41
BACKUP	MDT_073LTP	FN:198	PRODUCER	14-Jul-2009 22:41

Schlumberger

Stress Test @ 3615.0 M
Hydraulic Fracturing

MAXIS Field Log

File 74 Depth, M: 3613.00

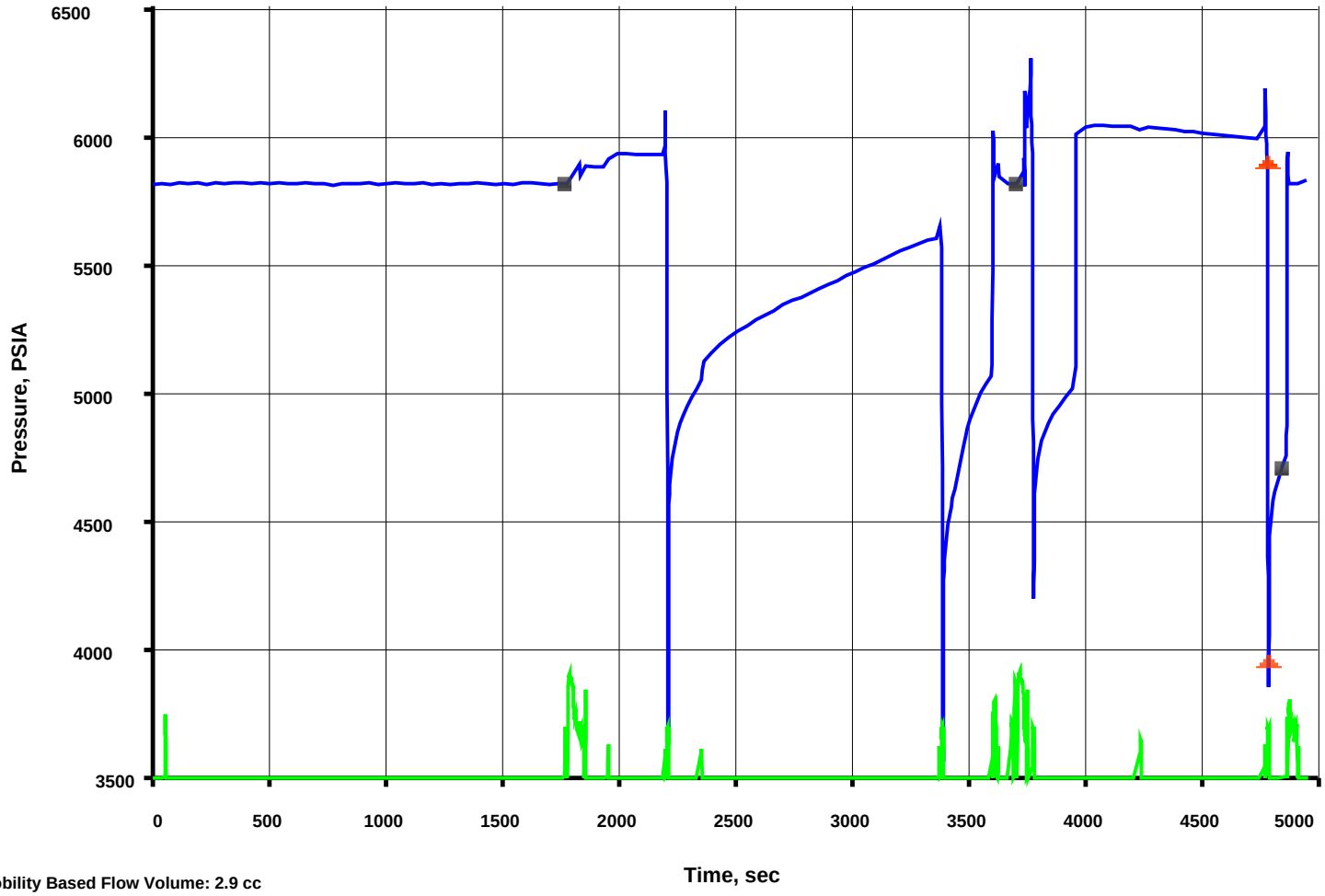
14−Jul−2009 CDEX

Kumanonada, Offshore Kii peninsula

C0009A

Volumetric Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	5807.44
Mud Pressure after test, PSIA:	5807.79
Last build−up pressure, PSIA:	4706.43
Draw−down mobility, md/cp:	0.8



Mobility Based Flow Volume: 2.9 cc

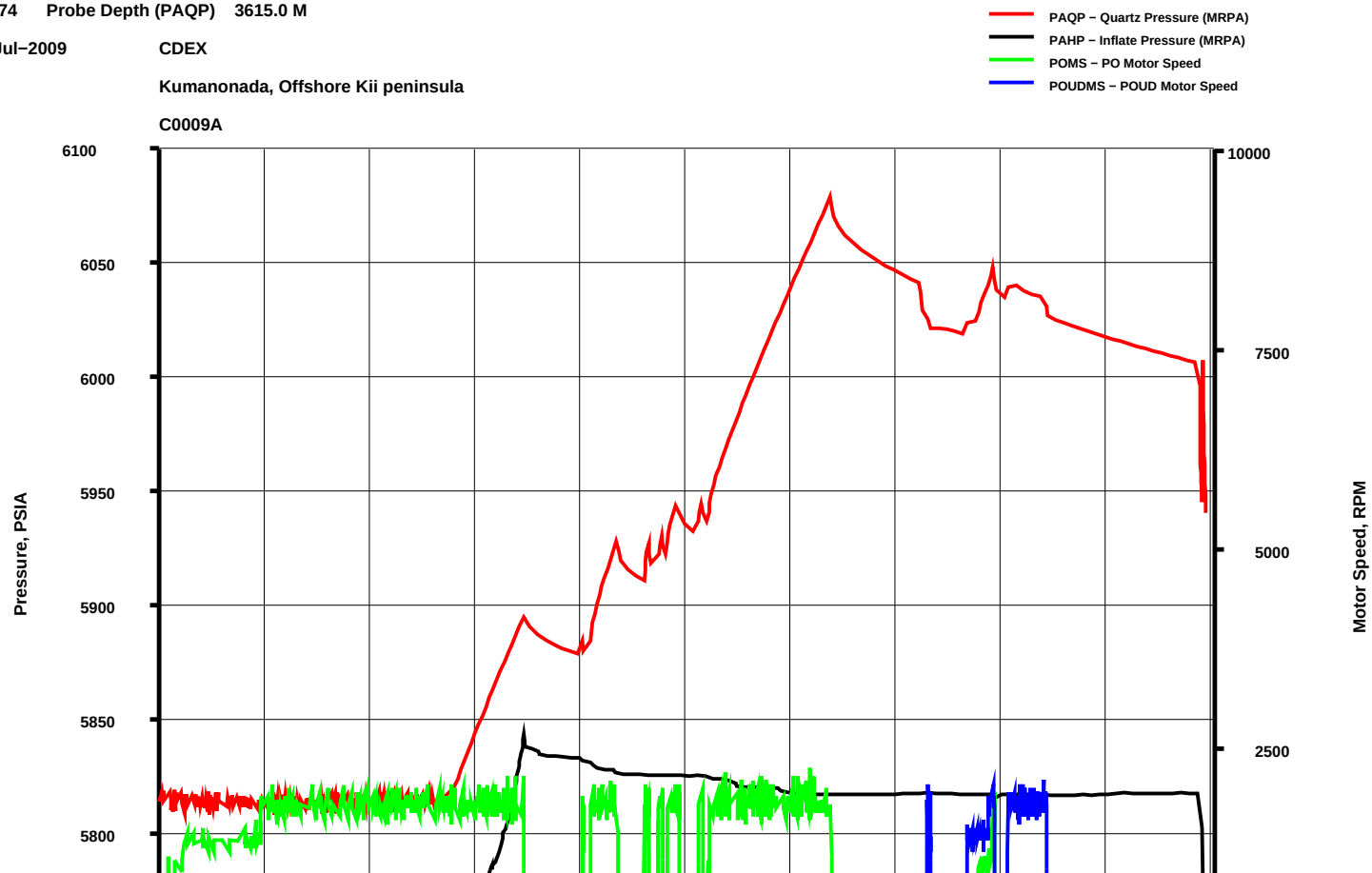
Total Pretest Volume: 5.0 cc − MRPS_1− BQP1 Resolution: 0.010psi

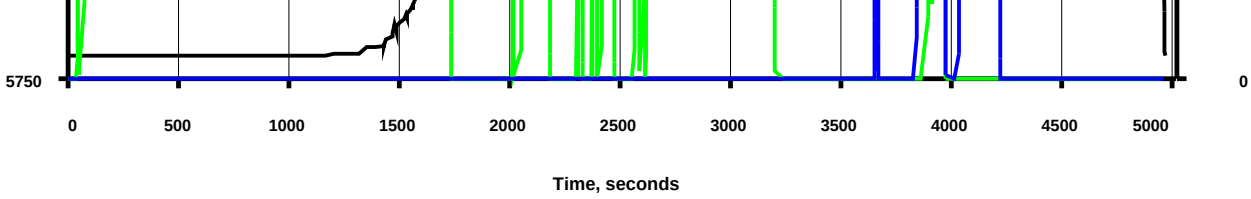
File 74 Probe Depth (PAQP) 3615.0 M

14−Jul−2009 CDEX

Kumanonada, Offshore Kii peninsula

C0009A





Company: CDEX **Well: C0009A**

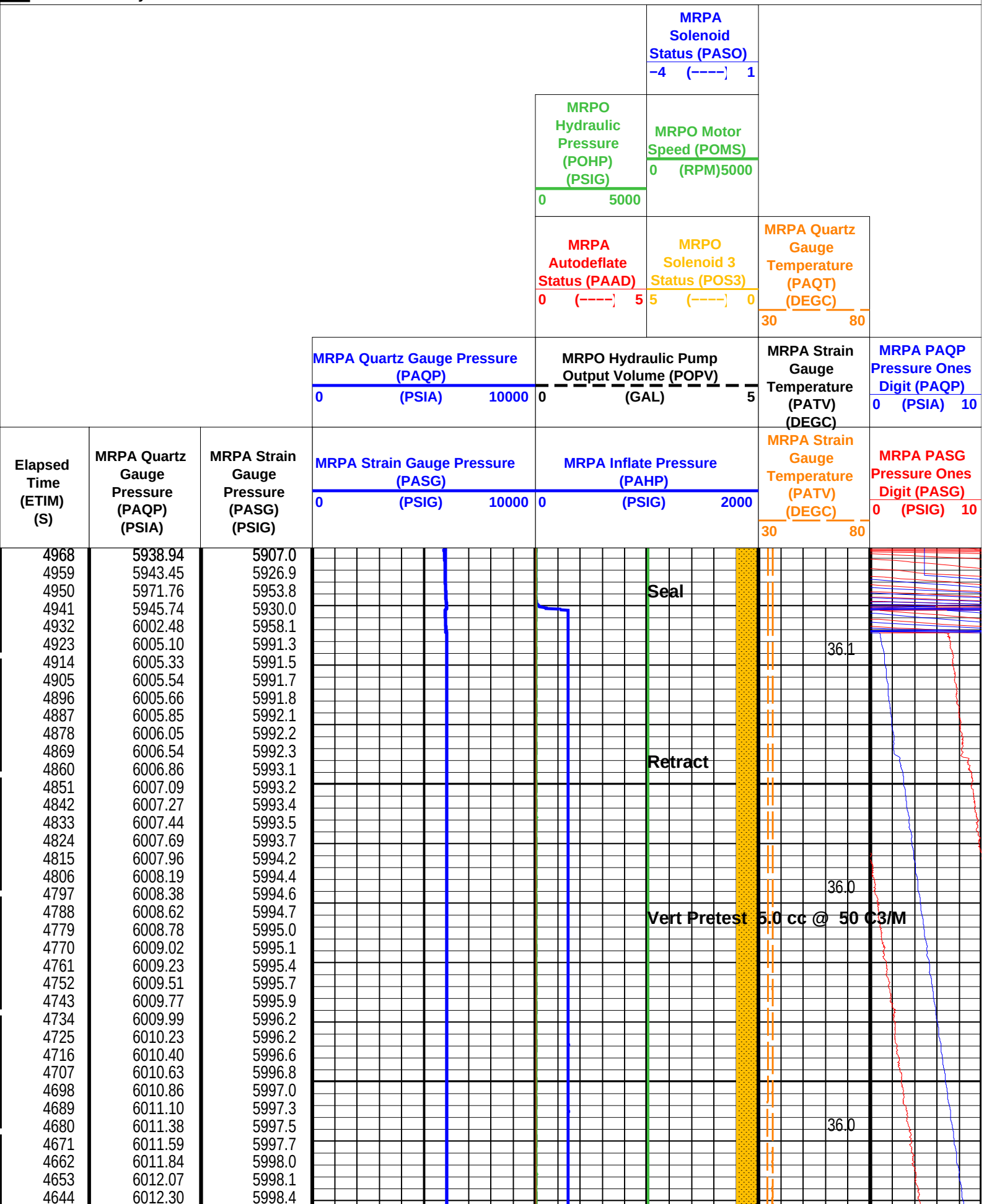
Output DLIS Files

DEFAULT	MDT_074LTP	FN:199	PRODUCER	14−Jul−2009 23:52	3615.0 M
CLIENT	MDT_074LTC	FN:200	CUSTOMER	14−Jul−2009 23:52	3615.0 M
BACKUP	MDT_074LTP	FN:201	PRODUCER	14−Jul−2009 23:52	3615.0 M

Elapsed Time (s)	Event Summary
4953.3	Seal Sample Chamber Module 12 (1 Gallon)
4867.2	Retract Single Probe Module (MRPS) 1
4776.0	Vert Pretest 5.0 cc @ 50 C3/M Single Probe Module (MRPS) 1
4231.5	Auto Reset Single Probe Module (MRPS) 1
4206.9	Pumping Stopped 3880.0 C3 Dual Up−down Pumpout Module (MRPOUD)
4017.6	Pump Up Started Dual Up−down Pumpout Module (MRPOUD)
3963.0	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
3962.1	Pumping Stopped 2910.0 C3 Dual Up−down Pumpout Module (MRPOUD)
3876.3	Pump In Started Dual Pumpout Module (MRPO)
3824.4	Pump Up Started Dual Up−down Pumpout Module (MRPOUD)
3768.0	Vert Pretest 5.0 cc @ 50 C3/M Single Probe Module (MRPS) 1
3707.1	Probe Set @ 3613.0 M Single Probe Module (MRPS) 1
3604.5	Retract Single Probe Module (MRPS) 1
3468.9	Open Sample Chamber Module 12 (1 Gallon), sample number = 1
3380.4	Vert Pretest 4.8 cc @ 50 C3/M Single Probe Module (MRPS) 1
3187.8	Pumping Stopped 10980.0 C3 Dual Pumpout Module (MRPO)
2602.8	Pump In Started Dual Pumpout Module (MRPO)
2578.2	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
2553.6	Pump In Started Dual Pumpout Module (MRPO)
2466.6	Pumping Stopped 732.0 C3 Dual Pumpout Module (MRPO)
2404.2	Pump In Started Dual Pumpout Module (MRPO)
2389.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
2363.4	Pump In Started Dual Pumpout Module (MRPO)
2323.8	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
2298.9	Pump In Started Dual Pumpout Module (MRPO)
2201.7	Vert Pretest 4.9 cc @ 50 C3/M Single Probe Module (MRPS) 1
2177.4	Pumping Stopped 2196.0 C3 Dual Pumpout Module (MRPO)
2040.3	Pump In Started Dual Pumpout Module (MRPO)
2012.1	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
2003.4	Pump In Started Dual Pumpout Module (MRPO)
1950.0	Auto Reset Single Probe Module (MRPS) 1
1779.0	Probe Set @ 3613.0 M Single Probe Module (MRPS) 1
1730.7	Pumping Stopped 30012.0 C3 Dual Pumpout Module (MRPO)
72.9	Pump In Started Dual Pumpout Module (MRPO)
47.7	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
42.3	Pump In Started Dual Pumpout Module (MRPO)

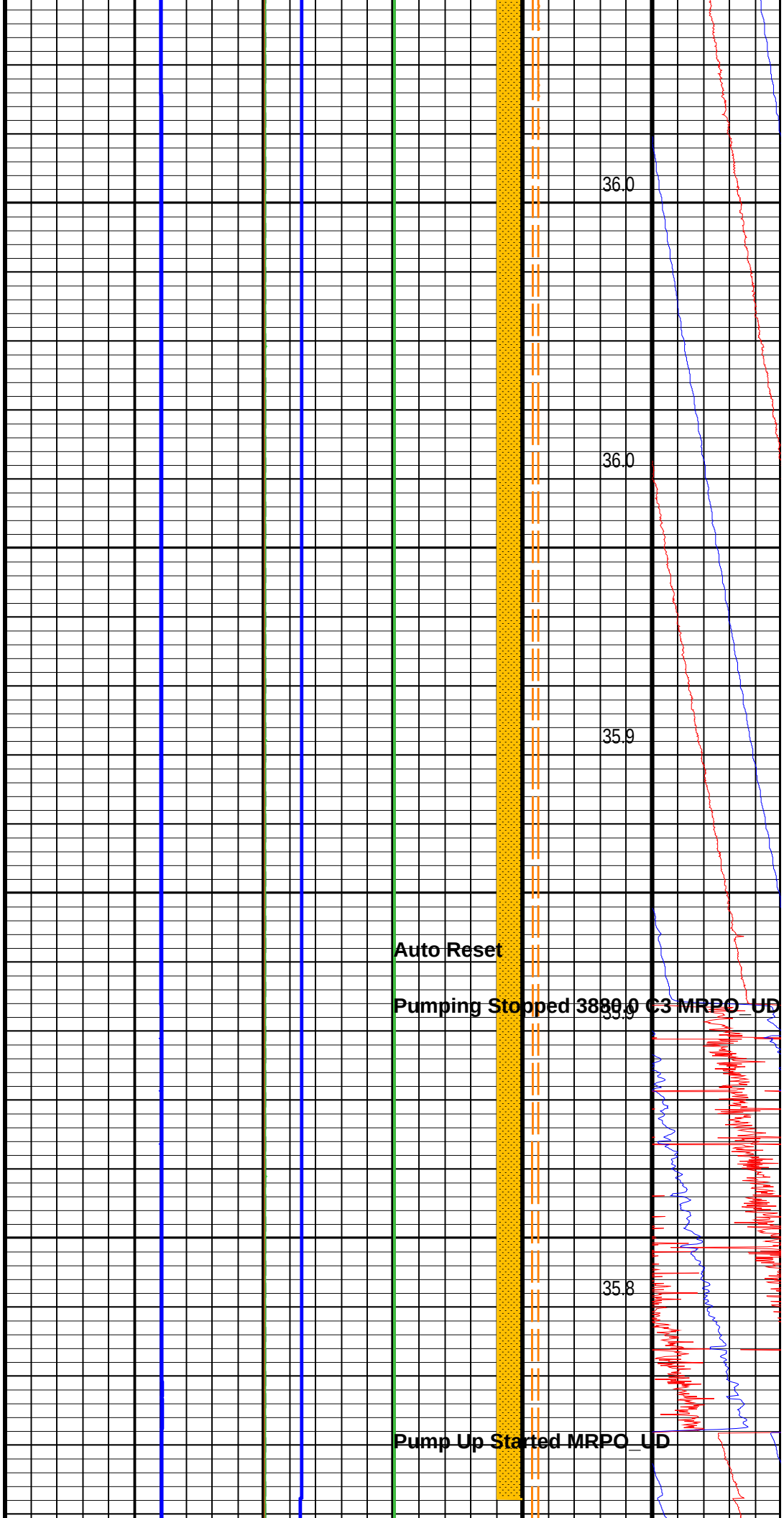
PIP SUMMARY

Time Mark Every 60 S

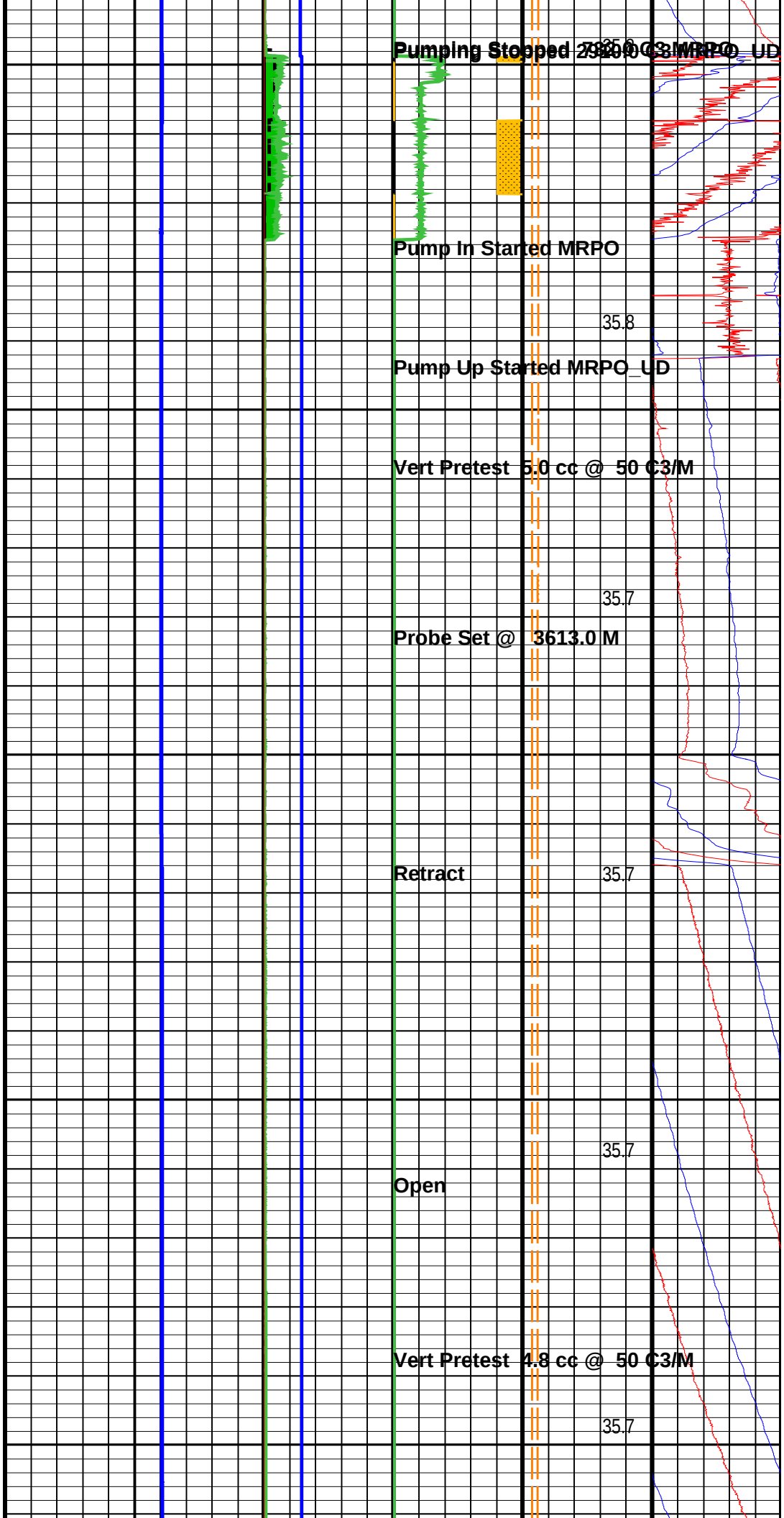


Elapsed Time (ETIM) (S)	MRPA Quartz Gauge Pressure (PAQP) (PSIA)	MRPA Strain Gauge Pressure (PASG) (PSIG)
4968	5938.94	5907.0
4959	5943.45	5926.9
4950	5971.76	5953.8
4941	5945.74	5930.0
4932	6002.48	5958.1
4923	6005.10	5991.3
4914	6005.33	5991.5
4905	6005.54	5991.7
4896	6005.66	5991.8
4887	6005.85	5992.1
4878	6006.05	5992.2
4869	6006.54	5992.3
4860	6006.86	5993.1
4851	6007.09	5993.2
4842	6007.27	5993.4
4833	6007.44	5993.5
4824	6007.69	5993.7
4815	6007.96	5994.2
4806	6008.19	5994.4
4797	6008.38	5994.6
4788	6008.62	5994.7
4779	6008.78	5995.0
4770	6009.02	5995.1
4761	6009.23	5995.4
4752	6009.51	5995.7
4743	6009.77	5995.9
4734	6009.99	5996.2
4725	6010.23	5996.2
4716	6010.40	5996.6
4707	6010.63	5996.8
4698	6010.86	5997.0
4689	6011.10	5997.3
4680	6011.38	5997.5
4671	6011.59	5997.7
4662	6011.84	5998.0
4653	6012.07	5998.1
4644	6012.30	5998.4

4635	6012.55	5998.5
4626	6012.78	5998.8
4617	6013.01	5999.1
4608	6013.23	5999.3
4599	6013.51	5999.6
4590	6013.74	5999.9
4581	6013.92	6000.1
4572	6014.21	6000.3
4563	6014.45	6000.6
4554	6014.67	6000.8
4545	6014.90	6001.0
4536	6015.22	6001.2
4527	6015.47	6001.6
4518	6015.70	6001.8
4509	6015.91	6001.9
4500	6016.16	6002.2
4491	6016.43	6002.5
4482	6016.79	6002.8
4473	6017.04	6003.1
4464	6017.28	6003.3
4455	6017.56	6003.5
4446	6017.75	6003.8
4437	6018.00	6004.0
4428	6018.24	6004.2
4419	6018.53	6004.6
4410	6018.80	6004.9
4401	6019.08	6005.1
4392	6019.31	6005.3
4383	6019.55	6005.5
4374	6019.83	6005.9
4365	6020.18	6006.1
4356	6020.47	6006.5
4347	6020.70	6006.7
4338	6020.95	6007.0
4329	6021.26	6007.2
4320	6021.58	6007.5
4311	6021.89	6008.0
4302	6022.15	6008.2
4293	6022.42	6008.4
4284	6022.68	6008.7
4275	6022.98	6009.0
4266	6023.31	6009.3
4257	6023.63	6009.6
4248	6023.97	6009.9
4239	6024.38	6010.2
4230	6024.58	6010.5
4221	6024.88	6010.8
4212	6025.21	6011.2
4203	6033.28	6019.4
4194	6034.05	6020.0
4185	6033.91	6020.1
4176	6034.29	6021.0
4167	6034.62	6020.1
4158	6034.53	6021.5
4149	6034.87	6019.0
4140	6035.47	6021.8
4131	6035.87	6021.9
4122	6036.81	6021.7
4113	6036.74	6022.1
4104	6037.74	6022.7
4095	6037.56	6023.3
4086	6038.16	6023.0
4077	6037.97	6024.0
4068	6038.80	6024.9
4059	6039.54	6025.5
4050	6039.50	6024.5
4041	6040.34	6026.3
4032	6040.79	6026.1
4023	6041.07	6026.3
4014	6033.48	6019.4
4005	6034.00	6020.0
3996	6034.57	6020.5
3987	6034.65	6020.6



3978	6035.48	6021.5
3969	6036.56	6022.4
3960	6044.03	6024.5
3951	6047.81	6034.6
3942	6043.72	6029.9
3933	6041.13	6027.7
3924	6038.39	6024.4
3915	6035.99	6021.7
3906	6033.77	6019.9
3897	6031.61	6018.4
3888	6028.52	6014.8
3879	6023.57	6008.5
3870	6023.67	6009.9
3861	6023.39	6009.6
3852	6023.57	6009.3
3843	6023.71	6009.7
3834	6024.30	6010.4
3825	6017.63	6003.7
3816	6017.87	6004.0
3807	6018.13	6004.1
3798	6018.46	6004.6
3789	6018.51	6004.6
3780	6018.73	6004.8
3771	6018.98	6005.0
3762	6019.24	6005.3
3753	6019.49	6005.6
3744	6019.70	6005.8
3735	6019.67	6005.8
3726	6019.94	6006.0
3717	6020.12	6006.3
3708	6020.29	6006.4
3699	6020.38	6006.5
3690	6020.48	6006.6
3681	6020.59	6006.6
3672	6020.60	6006.8
3663	6020.43	6006.6
3654	6020.83	6006.1
3645	6023.56	6008.9
3636	6025.18	6011.4
3627	6026.41	6012.2
3618	6028.42	6014.2
3609	6037.21	6021.0
3600	6040.35	6026.3
3591	6040.74	6026.8
3582	6041.13	6027.1
3573	6041.52	6027.5
3564	6041.94	6028.0
3555	6042.34	6028.3
3546	6042.73	6028.8
3537	6043.14	6029.2
3528	6043.57	6029.6
3519	6043.98	6029.9
3510	6044.43	6030.4
3501	6044.87	6030.9
3492	6045.32	6031.4
3483	6045.74	6031.8
3474	6046.18	6032.1
3465	6046.63	6032.7
3456	6047.08	6033.1
3447	6047.57	6033.6
3438	6048.04	6034.1
3429	6048.53	6034.5
3420	6048.99	6035.1
3411	6049.46	6035.5
3402	6049.96	6035.9
3393	6050.50	6036.5
3384	6051.08	6037.1
3375	6051.73	6037.6
3366	6052.31	6038.4
3357	6052.84	6038.8
3348	6053.37	6039.4
3339	6053.97	6040.0
3330	6054.61	6040.6
3321	6055.22	6041.2



3321	6055.22	6041.2
3312	6055.91	6041.9
3303	6056.64	6042.6
3294	6057.32	6043.4
3285	6058.06	6044.1
3276	6058.83	6044.8
3267	6059.66	6045.6
3258	6060.52	6046.6
3249	6061.40	6047.4
3240	6062.33	6048.2
3231	6063.37	6049.3
3222	6064.56	6050.4
3213	6065.94	6051.7
3204	6067.54	6053.4
3195	6069.64	6055.4
3186	6079.00	6065.3
3177	6077.31	6062.7
3168	6075.40	6061.8
3159	6073.54	6060.1
3150	6071.53	6057.9
3141	6069.76	6055.3
3132	6067.98	6053.9
3123	6064.95	6052.1
3114	6063.94	6050.5
3105	6061.77	6048.3
3096	6060.30	6046.7
3087	6058.17	6044.2
3078	6056.53	6043.5
3069	6054.44	6040.8
3060	6052.60	6038.5
3051	6050.58	6036.2
3042	6048.78	6035.0
3033	6046.79	6033.5
3024	6045.09	6031.3
3015	6043.16	6029.5
3006	6041.11	6027.4
2997	6039.10	6025.7
2988	6037.30	6025.0
2979	6035.19	6021.3
2970	6032.41	6018.8
2961	6031.40	6017.8
2952	6028.51	6015.7
2943	6027.50	6013.7
2934	6025.33	6012.4
2925	6023.52	6010.0
2916	6021.39	6007.8
2907	6019.69	6006.4
2898	6017.33	6003.5
2889	6015.57	6001.7
2880	6013.53	5999.7
2871	6011.66	5997.7
2862	6009.57	5995.8
2853	6007.63	5994.5
2844	6005.45	5992.5
2835	6003.52	5989.5
2826	6001.33	5988.0
2817	5999.34	5985.8
2808	5997.32	5983.1
2799	5994.51	5981.5
2790	5992.91	5979.2
2781	5990.62	5977.1
2772	5989.05	5975.3
2763	5986.68	5973.5
2754	5984.58	5970.7
2745	5982.28	5968.0
2736	5980.43	5966.7
2727	5978.05	5964.9
2718	5975.91	5962.3
2709	5973.58	5960.2
2700	5971.59	5957.7
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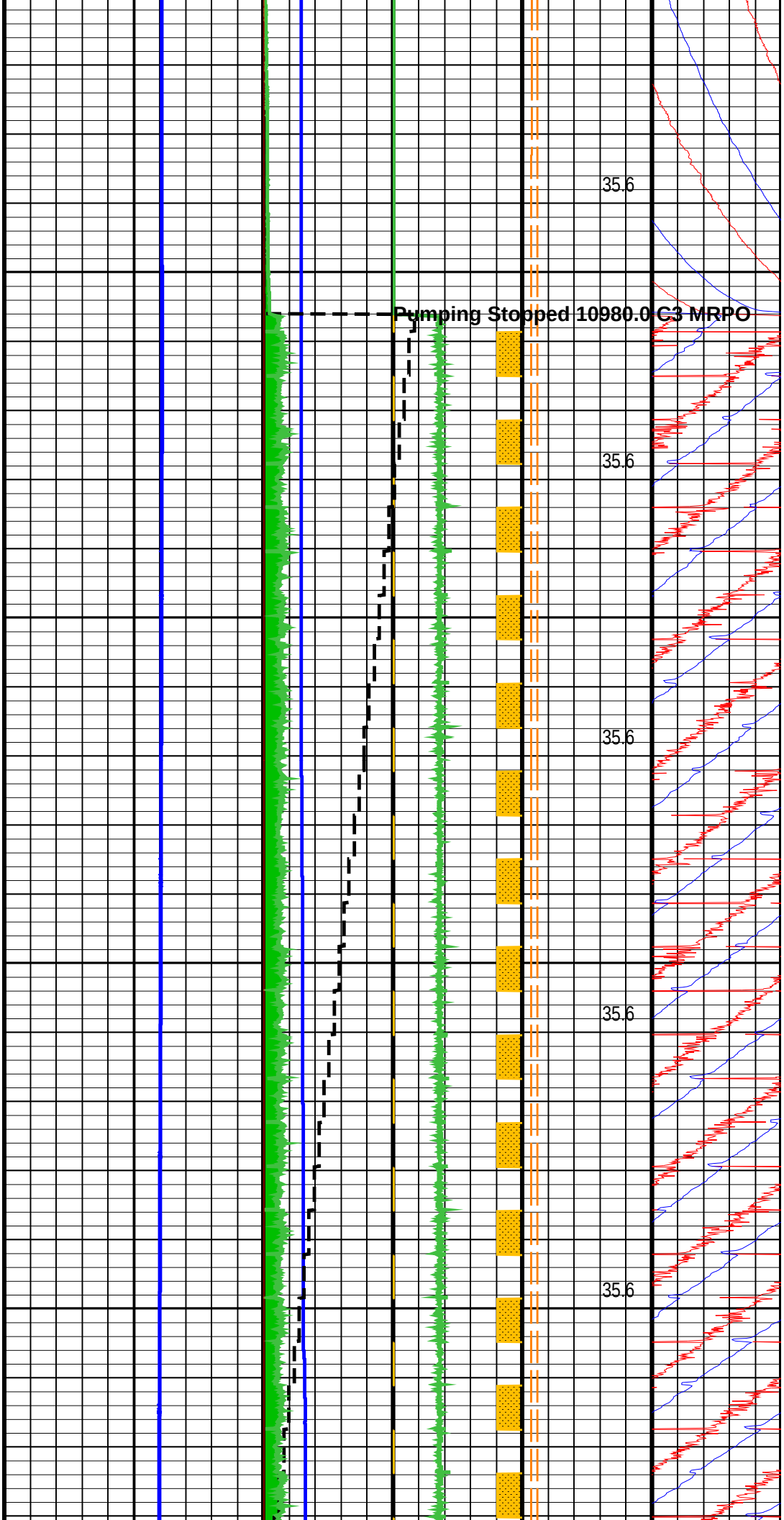
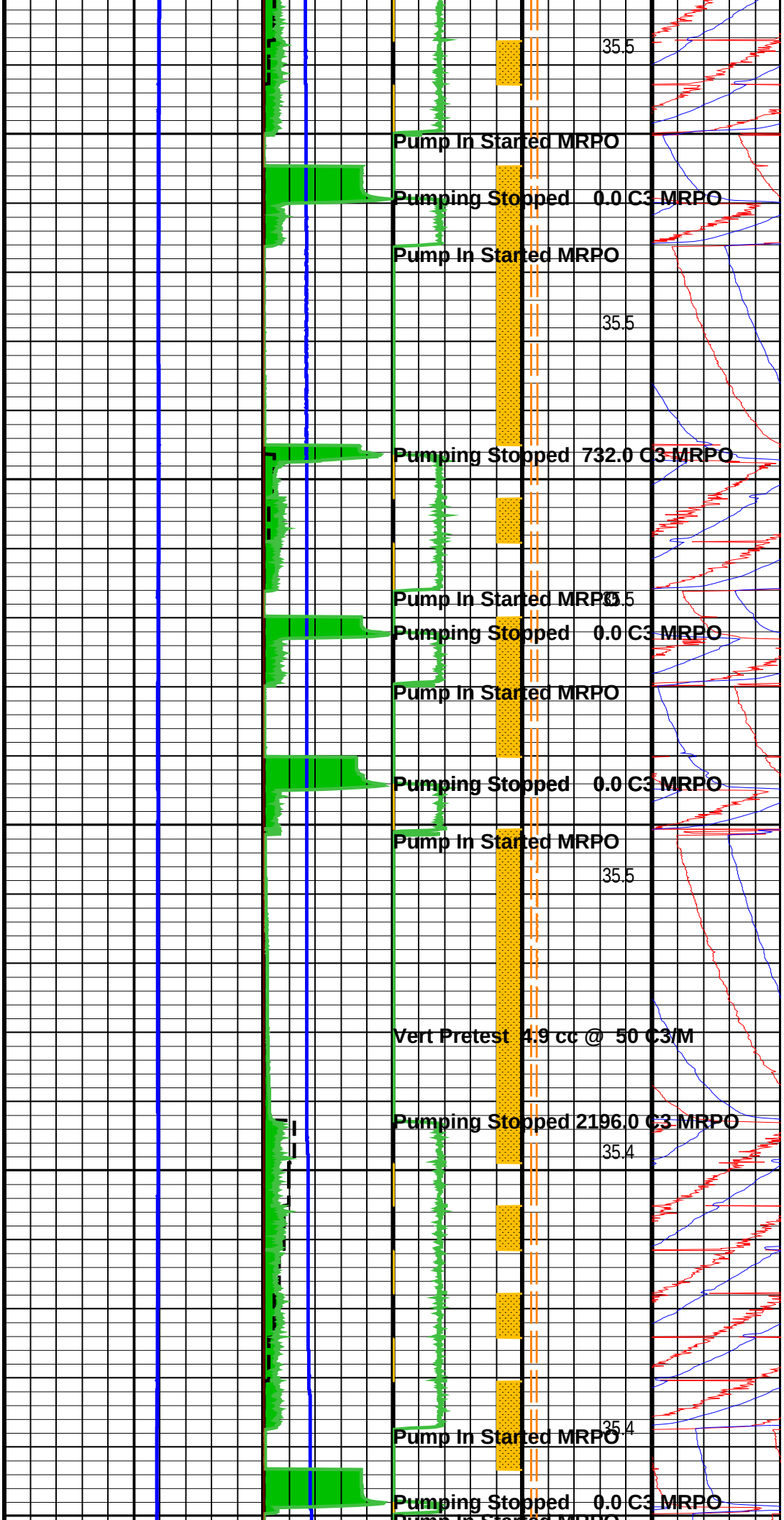
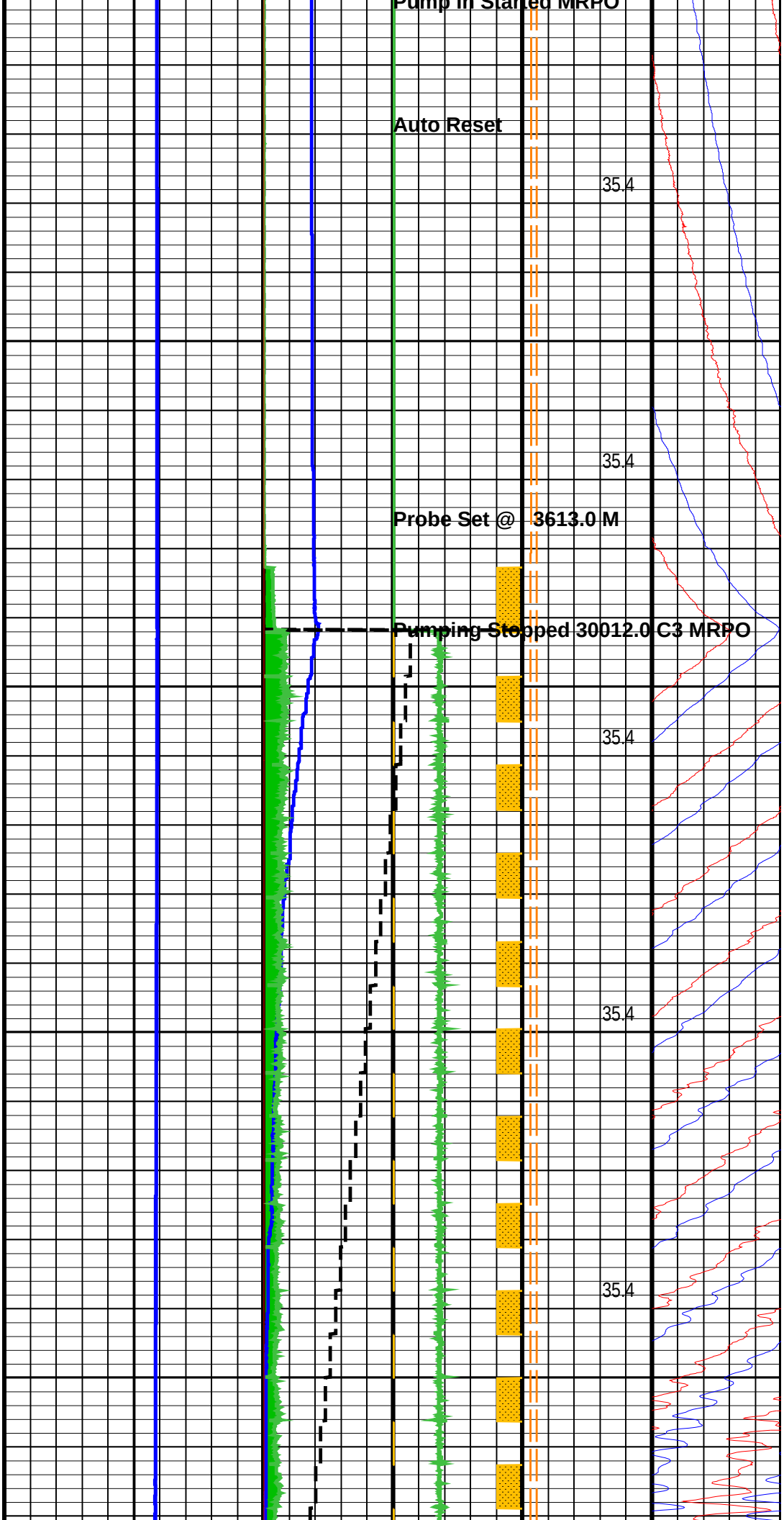
2673	5964.56	5952.0
2664	5962.36	5947.9



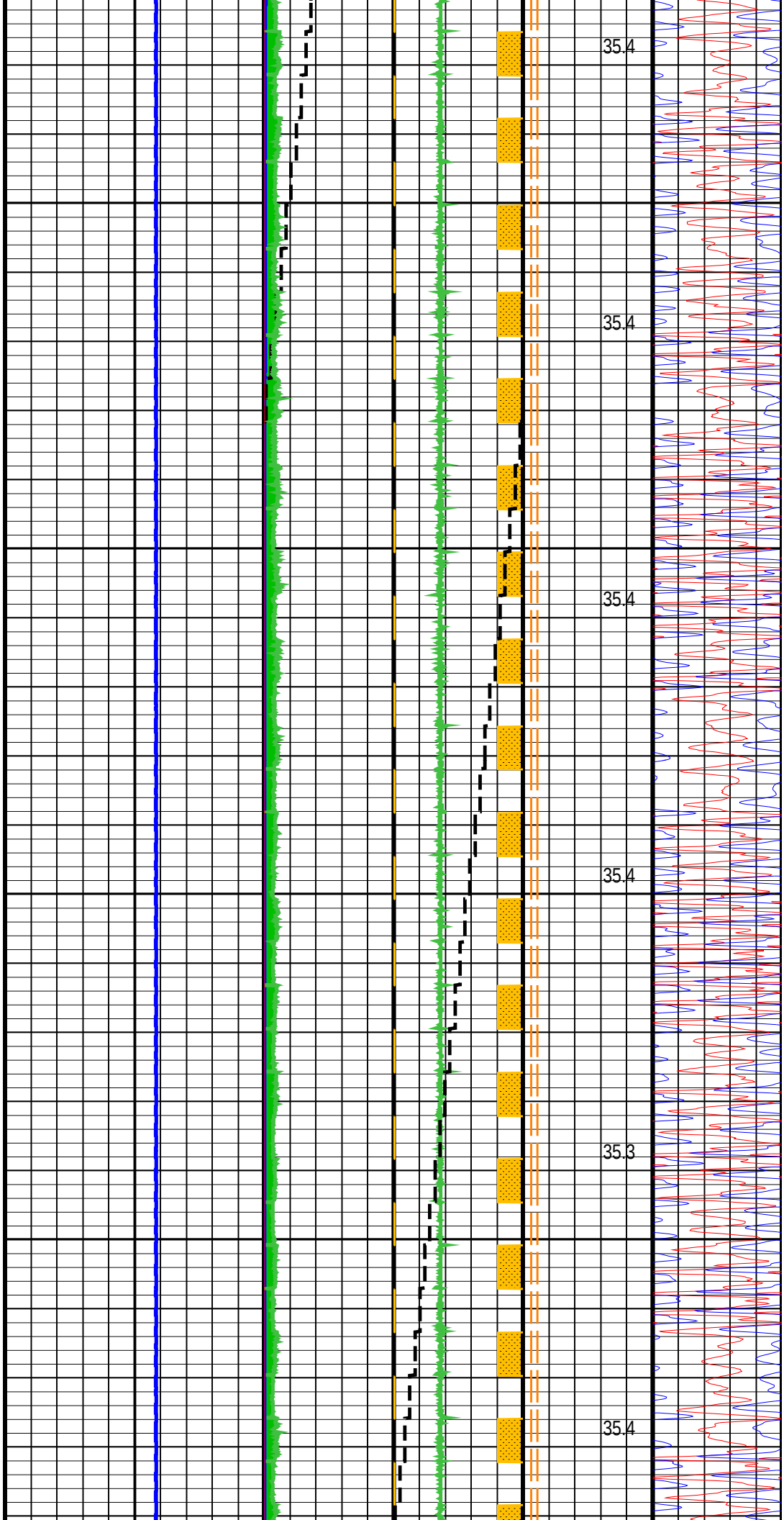
2655	5959.73	5946.2
2646	5957.14	5944.0
2637	5954.52	5941.0
2628	5950.42	5937.7
2619	5948.42	5935.1
2610	5944.00	5930.8
2601	5935.26	5921.2
2592	5936.21	5922.2
2583	5937.40	5923.3
2574	5945.59	5932.1
2565	5941.57	5928.0
2556	5929.81	5915.7
2547	5930.35	5916.3
2538	5930.91	5917.0
2529	5931.52	5917.6
2520	5932.13	5918.1
2511	5932.89	5918.9
2502	5933.72	5919.7
2493	5934.60	5920.4
2484	5935.66	5921.6
2475	5937.04	5922.8
2466	5940.65	5925.4
2457	5945.16	5931.6
2448	5941.62	5929.2
2439	5939.98	5926.2
2430	5936.87	5923.5
2421	5934.10	5920.9
2412	5929.98	5917.2
2403	5920.98	5906.8
2394	5922.24	5908.1
2385	5930.37	5916.5
2376	5926.69	5913.0
2367	5916.42	5903.9
2358	5915.08	5901.0
2349	5915.76	5901.7
2340	5916.43	5902.3
2331	5917.61	5903.4
2322	5920.26	5905.3
2313	5923.10	5909.7
2304	5915.25	5905.0
2295	5910.36	5896.4
2286	5910.76	5896.8
2277	5911.21	5897.2
2268	5911.73	5897.7
2259	5912.30	5898.3
2250	5912.84	5898.9
2241	5913.39	5899.4
2232	5914.05	5900.1
2223	5914.78	5900.7
2214	5915.58	5901.7
2205	5916.57	5902.5
2196	5917.71	5903.7
2187	5919.21	5905.1
2178	5923.51	5907.7
2169	5927.21	5913.8
2160	5923.42	5910.4
2151	5922.15	5908.3
2142	5919.72	5906.2
2133	5917.23	5903.1
2124	5914.84	5900.8
2115	5912.28	5899.0
2106	5909.52	5895.8
2097	5906.80	5893.6
2088	5903.83	5890.4
2079	5900.87	5887.7
2070	5897.44	5884.3
2061	5894.08	5880.6
2052	5889.90	5876.3
2043	5877.62	5863.7
2034	5877.98	5864.1
2025	5878.37	5864.4
2016	5878.91	5865.0
2007	5878.81	5870.3



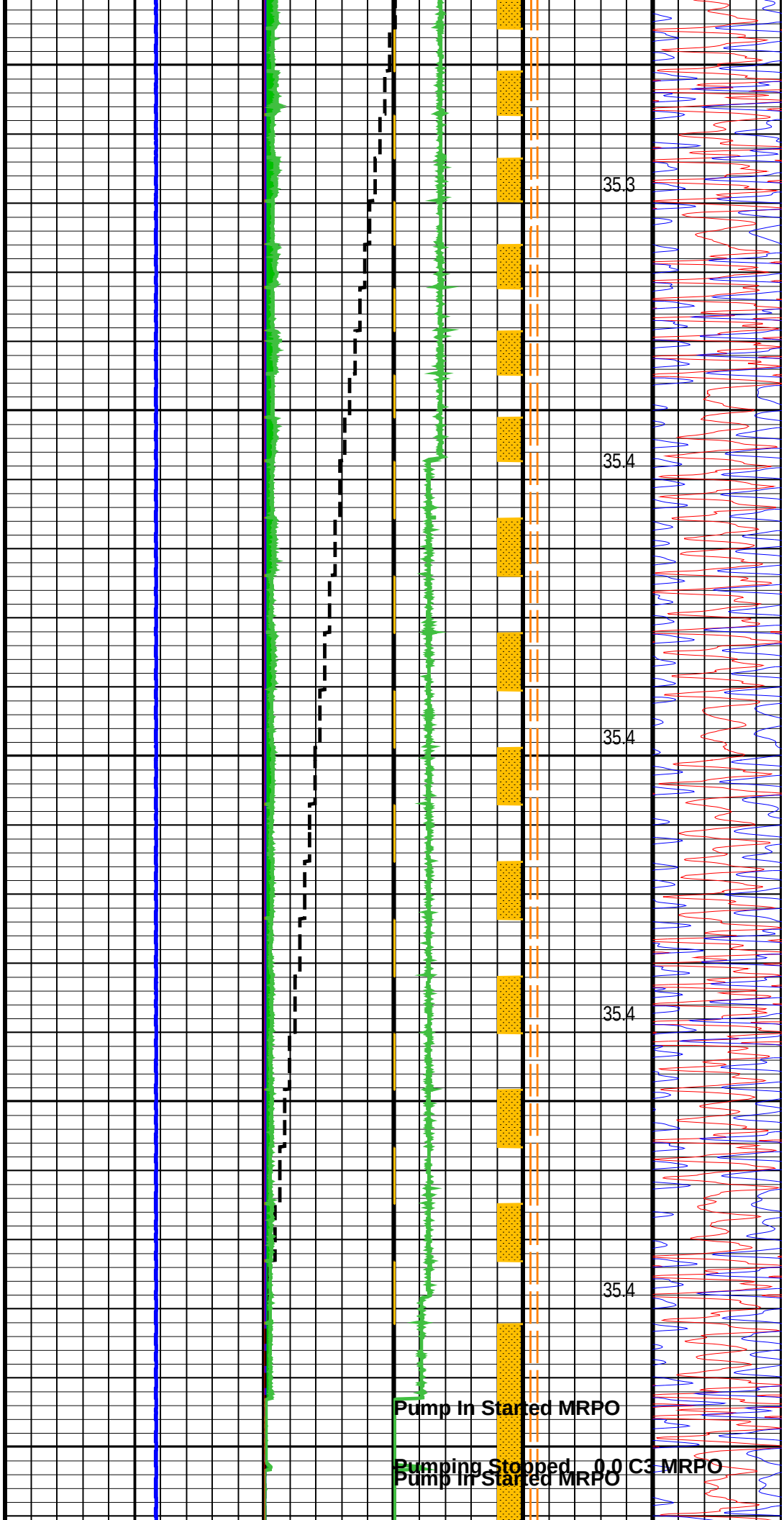
1998	5877.60	5863.7
1989	5877.84	5863.9
1980	5878.12	5864.3
1971	5878.31	5864.4
1962	5878.62	5864.9
1953	5878.90	5865.1
1944	5879.18	5865.4
1935	5879.45	5865.6
1926	5879.78	5866.0
1917	5880.15	5866.3
1908	5880.50	5866.6
1899	5880.85	5867.1
1890	5881.22	5867.4
1881	5881.51	5867.7
1872	5881.93	5868.1
1863	5882.38	5868.4
1854	5882.81	5868.9
1845	5883.19	5869.4
1836	5883.62	5869.6
1827	5884.22	5870.1
1818	5884.76	5870.7
1809	5885.41	5871.4
1800	5886.04	5872.0
1791	5886.56	5872.6
1782	5887.19	5873.2
1773	5888.01	5874.0
1764	5888.91	5874.9
1755	5889.89	5875.9
1746	5890.98	5876.9
1737	5892.53	5878.3
1728	5893.83	5880.2
1719	5892.04	5878.4
1710	5890.12	5876.5
1701	5888.23	5874.6
1692	5886.29	5872.7
1683	5884.55	5871.0
1674	5882.41	5868.7
1665	5880.54	5867.1
1656	5878.48	5865.0
1647	5876.60	5863.1
1638	5874.61	5861.1
1629	5872.66	5859.3
1620	5870.56	5857.1
1611	5868.77	5855.2
1602	5866.61	5853.1
1593	5864.68	5851.3
1584	5862.63	5849.2
1575	5860.81	5847.4
1566	5858.69	5845.1
1557	5856.67	5842.8
1548	5854.48	5840.7
1539	5852.36	5838.3
1530	5850.22	5836.0
1521	5848.03	5833.9
1512	5846.10	5832.8
1503	5843.80	5830.5
1494	5842.14	5828.7
1485	5840.23	5826.8
1476	5838.30	5824.7
1467	5836.29	5822.3
1458	5833.72	5820.1
1449	5831.44	5817.4
1440	5829.47	5815.7
1431	5827.38	5813.6
1422	5824.60	5811.3
1413	5821.77	5808.3
1404	5820.51	5806.0
1395	5819.46	5805.3
1386	5818.07	5804.3
1377	5817.06	5803.0
1368	5815.48	5802.1
1359	5814.99	5799.8
1350	5816.35	5800.9
1341	5815.95	5801.6

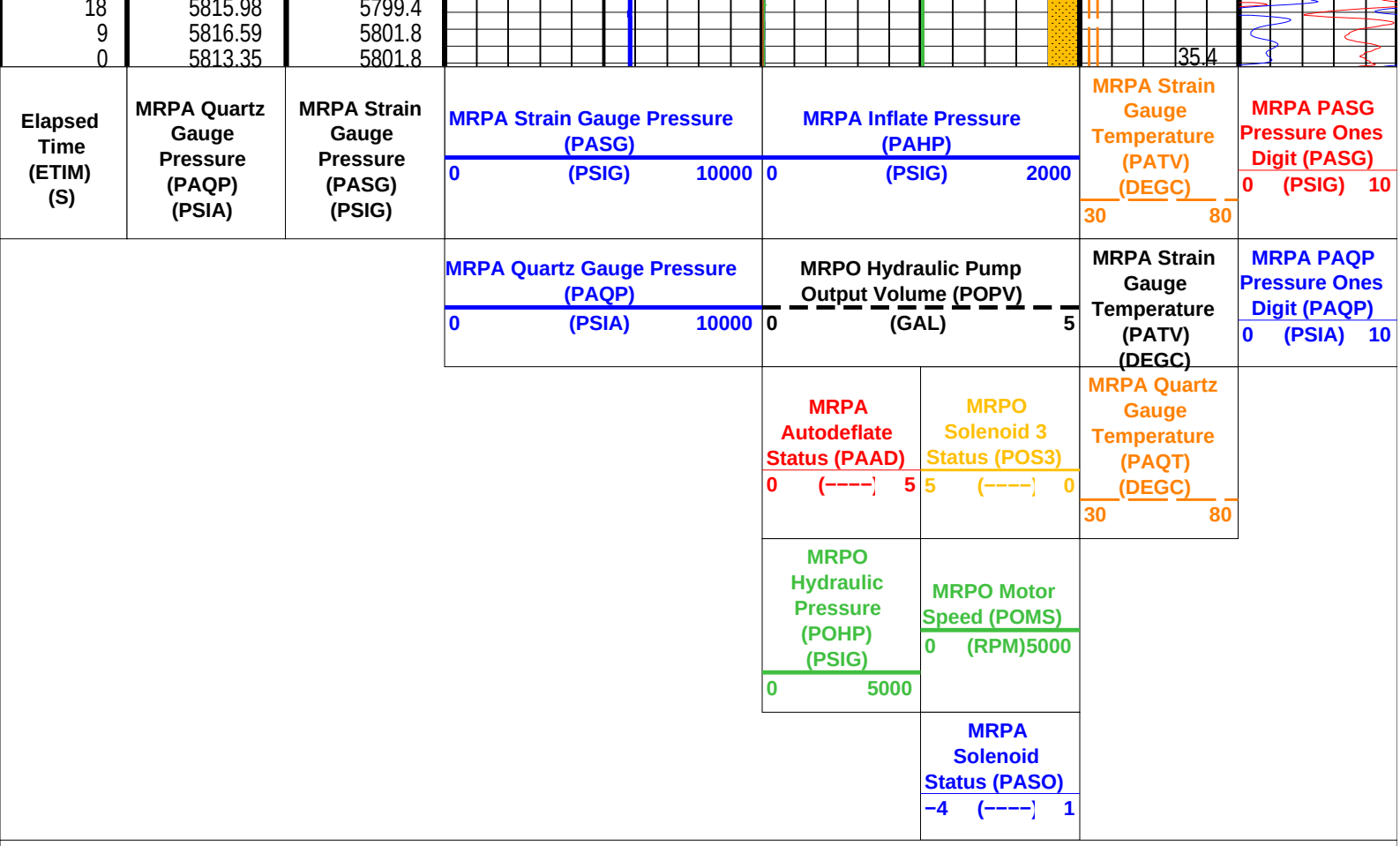


1341	5815.95	5801.6
1332	5816.83	5802.0
1323	5813.98	5801.5
1314	5813.25	5799.4
1305	5811.43	5799.1
1296	5811.38	5798.9
1287	5810.04	5795.4
1278	5809.92	5797.1
1269	5812.58	5797.8
1260	5815.83	5800.9
1251	5816.73	5802.8
1242	5814.11	5802.4
1233	5814.81	5800.1
1224	5815.31	5803.0
1215	5811.94	5799.4
1206	5813.57	5797.5
1197	5815.42	5800.7
1188	5815.40	5801.1
1179	5816.93	5801.0
1170	5814.31	5800.2
1161	5815.91	5801.0
1152	5816.10	5801.0
1143	5815.53	5801.4
1134	5815.94	5802.6
1125	5816.75	5802.0
1116	5817.44	5801.8
1107	5816.31	5801.4
1098	5817.62	5801.9
1089	5814.70	5801.1
1080	5815.18	5800.0
1071	5813.20	5796.7
1062	5812.34	5800.0
1053	5813.68	5802.6
1044	5814.59	5804.3
1035	5815.35	5800.6
1026	5814.35	5799.6
1017	5814.54	5799.5
1008	5813.54	5797.8
999	5814.00	5800.0
990	5816.98	5804.4
981	5815.82	5801.5
972	5816.55	5802.2
963	5812.85	5802.5
954	5811.01	5800.0
945	5813.62	5797.5
936	5813.23	5800.7
927	5812.09	5800.9
918	5808.33	5799.1
909	5808.11	5795.1
900	5809.96	5794.9
891	5813.23	5797.9
882	5813.50	5801.7
873	5813.92	5801.1
864	5812.60	5801.0
855	5812.99	5798.9
846	5813.51	5802.0
837	5813.65	5804.0
828	5815.42	5803.1
819	5812.33	5801.0
810	5811.90	5797.5
801	5811.84	5796.0
792	5808.80	5795.7
783	5807.80	5797.6
774	5808.88	5793.6
765	5812.87	5796.0
756	5813.58	5800.6
747	5813.50	5800.6
738	5814.79	5799.7
729	5817.39	5801.9
720	5813.10	5798.8
711	5808.49	5794.8
702	5811.43	5794.2
693	5812.46	5795.9
684	5812.67	5797.4



675	5815.33	5802.5
666	5814.74	5803.0
657	5813.81	5801.9
648	5812.98	5802.8
639	5813.24	5802.7
630	5813.27	5799.4
621	5817.08	5800.1
612	5815.58	5801.6
603	5815.97	5801.7
594	5817.75	5802.8
585	5813.36	5800.8
576	5815.82	5800.8
567	5816.10	5801.6
558	5815.53	5802.5
549	5812.95	5801.9
540	5813.52	5801.5
531	5813.00	5799.5
522	5808.83	5797.5
513	5812.62	5798.8
504	5812.53	5799.7
495	5810.94	5798.2
486	5810.77	5796.0
477	5810.67	5795.2
468	5811.47	5795.1
459	5810.83	5796.3
450	5812.32	5796.9
441	5815.48	5801.3
432	5816.47	5801.4
423	5815.53	5800.7
414	5816.01	5801.4
405	5816.31	5804.6
396	5816.12	5801.2
387	5816.18	5801.4
378	5813.80	5802.1
369	5814.76	5801.7
360	5813.99	5800.1
351	5814.41	5797.9
342	5814.60	5798.9
333	5814.09	5799.7
324	5811.80	5799.7
315	5813.32	5799.1
306	5814.60	5803.0
297	5813.00	5800.0
288	5811.21	5799.3
279	5813.27	5798.9
270	5816.09	5805.7
261	5817.24	5802.0
252	5816.69	5800.7
243	5813.49	5800.8
234	5814.26	5801.1
225	5815.37	5803.5
216	5815.94	5800.6
207	5814.84	5802.2
198	5810.78	5797.4
189	5808.28	5795.8
180	5812.59	5795.0
171	5813.61	5798.0
162	5812.61	5799.4
153	5812.95	5799.3
144	5815.23	5800.9
135	5817.85	5801.8
126	5816.80	5801.7
117	5816.22	5802.2
108	5815.43	5800.3
99	5815.17	5800.9
90	5813.23	5801.0
81	5812.51	5800.0
72	5811.95	5798.8
63	5813.58	5803.0
54	5812.54	5800.7
45	5815.20	5802.5
36	5812.68	5798.9
27	5809.98	5798.7





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPA_Station Vertical Scale: 1" per 60S Graphics File Created: 14-Jul-2009 23:52

OP System Version: 17C0-154

MRSC_12	17C0-154	MRPO_UD	17C0-154
MRPA	17C0-154	MRPS_1	17C0-154
MRHY_1	17C0-154	MRPO	17C0-154
MRPC	17C0-154	SGT-L	17C0-154
TCC-BF	17C0-154		

Output DLIS Files

DEFAULT	MDT_074LTP	FN:199	PRODUCER	14-Jul-2009 23:52
CLIENT	MDT_074LTC	FN:200	CUSTOMER	14-Jul-2009 23:52
BACKUP	MDT_074LTP	FN:201	PRODUCER	14-Jul-2009 23:52

Stress Test @ 2958.0 M

Schlumberger

Stress Test @ 2958.0 M
Hydraulic Fracturing

MAXIS Field Log

File 80 Depth, M: 2955.98

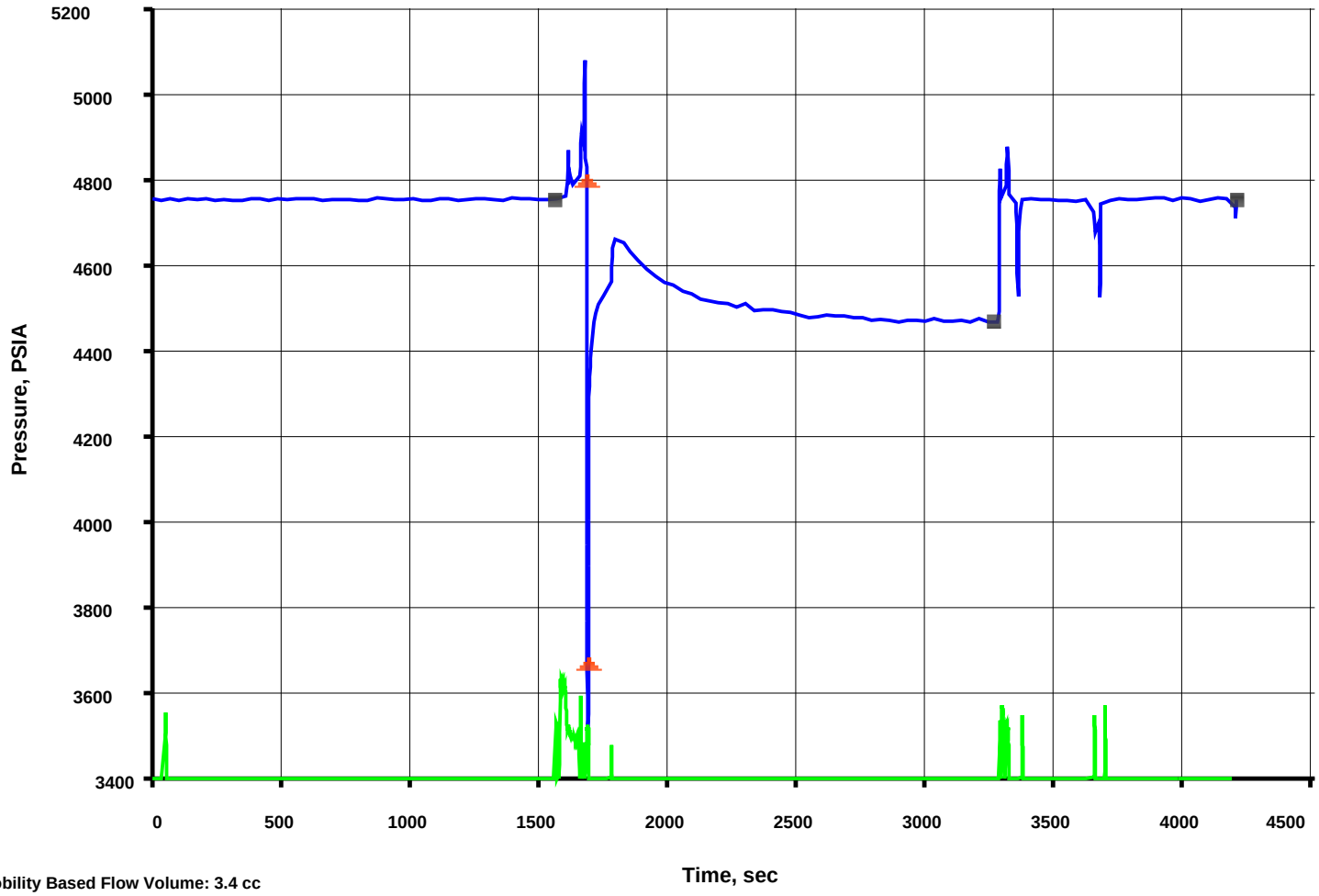
14−Jul−2009 CDEX

Kumanonada, Offshore Kii peninsula

C0009A

Volumetric Pretest − Large−Diameter probe

Mud Pressure before test, PSIA:	4752.15
Mud Pressure after test, PSIA:	4752.44
Last build−up pressure, PSIA:	4468.89
Draw−down mobility, md/cp:	1.2



Mobility Based Flow Volume: 3.4 cc

Total Pretest Volume: 4.7 cc − MRPS_1− BQP1 Resolution: 0.010psi

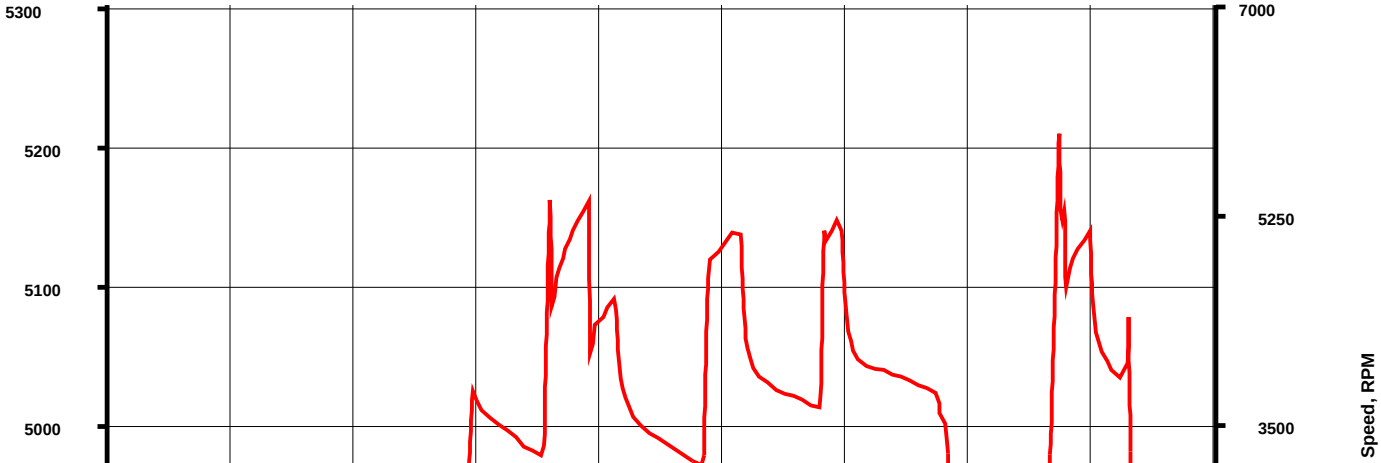
File 80 Probe Depth (PAQP) 2958.0 M

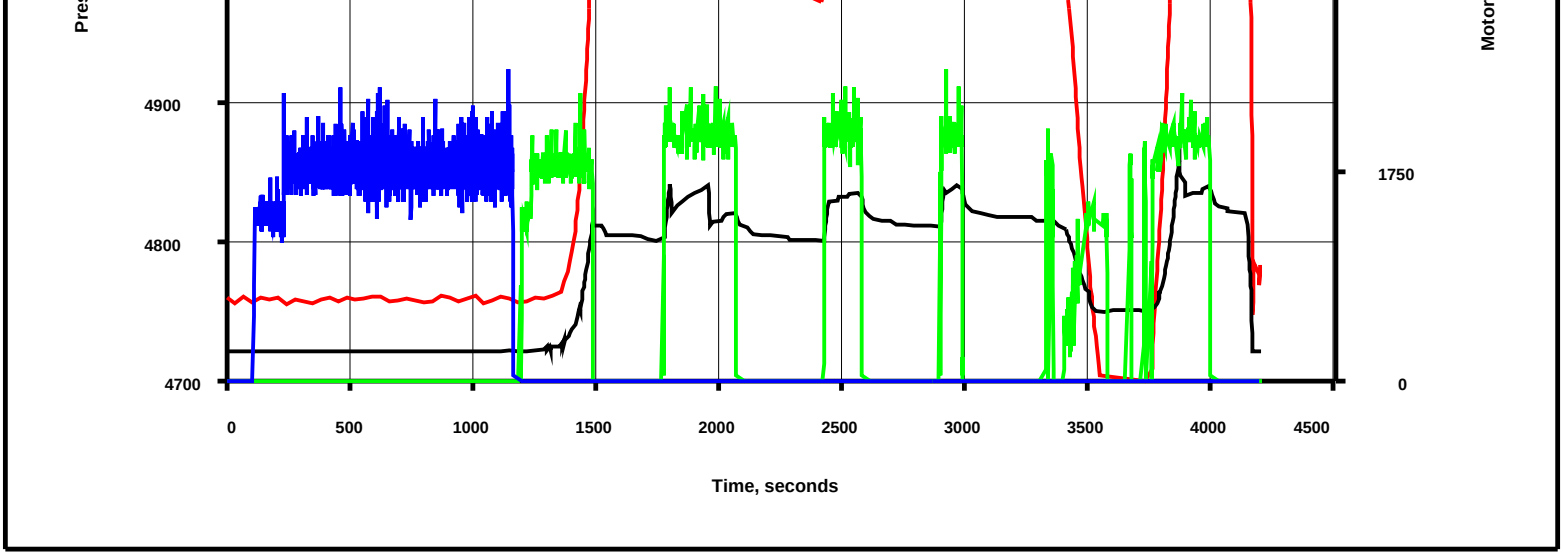
14−Jul−2009 CDEX

Kumanonada, Offshore Kii peninsula

C0009A

PAQP − Quartz Pressure (MRPA)
PAHP − Inflate Pressure (MRPA)
POMS − PO Motor Speed
POUDMS − POUD Motor Speed





Company: CDEX **Well: C0009A**

Output DLIS Files

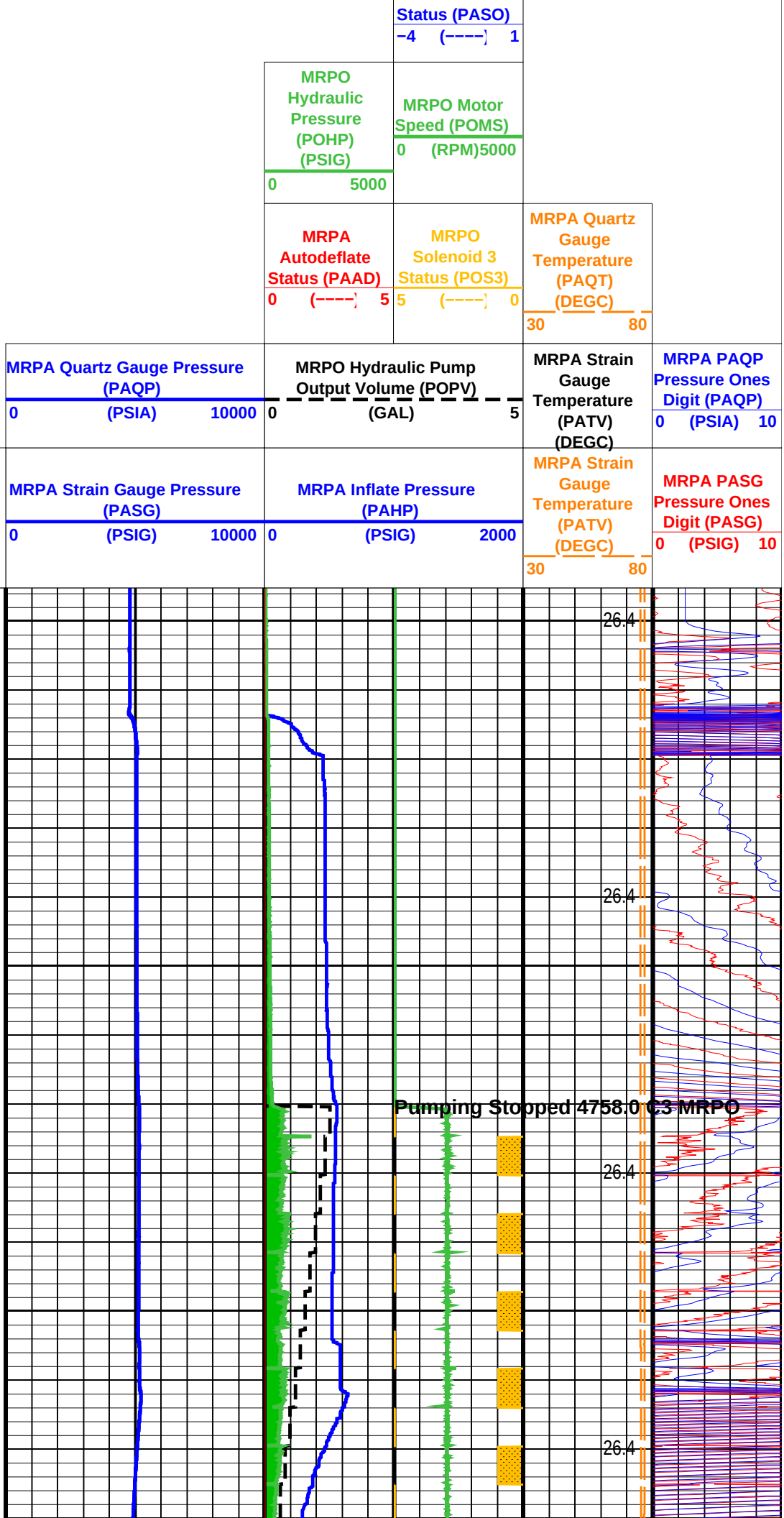
DEFAULT	MDT_080LTP	FN:217	PRODUCER	15−Jul−2009 02:46	2958.0 M
CLIENT	MDT_080LTC	FN:218	CUSTOMER	15−Jul−2009 02:46	2958.0 M
BACKUP	MDT_080LTP	FN:219	PRODUCER	15−Jul−2009 02:46	2958.0 M

Elapsed Time (s)	Event Summary
3992.4	Pumping Stopped 4758.0 C3 Dual Pumpout Module (MRPO)
3752.1	Pump In Started Dual Pumpout Module (MRPO)
3730.5	Pumping Stopped 0.0 C3 Dual Pumpout Module (MRPO)
3719.1	Pump In Started Dual Pumpout Module (MRPO)
3573.6	Pumping Stopped 1830.0 C3 Dual Pumpout Module (MRPO)
3396.3	Pump Out Started Dual Pumpout Module (MRPO)
3282.3	Retract Single Probe Module (MRPS) 1
2986.2	Pumping Stopped 1464.0 C3 Dual Pumpout Module (MRPO)
2894.7	Pump In Started Dual Pumpout Module (MRPO)
2577.3	Pumping Stopped 2928.0 C3 Dual Pumpout Module (MRPO)
2420.7	Pump In Started Dual Pumpout Module (MRPO)
2068.5	Pumping Stopped 6222.0 C3 Dual Pumpout Module (MRPO)
1772.1	Pump In Started Dual Pumpout Module (MRPO)
1770.9	Auto Reset Single Probe Module (MRPS) 1
1676.4	Vert Pretest 4.7 cc @ 50 C3/M Single Probe Module (MRPS) 1
1574.1	Probe Set @ 2956.0 M Single Probe Module (MRPS) 1
1485.9	Pumping Stopped 5124.0 C3 Dual Pumpout Module (MRPO)
1192.8	Pump In Started Dual Pumpout Module (MRPO)
1169.4	Seal Sample Chamber Module 12 (1 Gallon)
1162.5	Pumping Stopped 20370.0 C3 Dual Up−down Pumpout Module (MRPOUD)
109.2	Pump Up Started Dual Up−down Pumpout Module (MRPOUD)
64.8	Open Sample Chamber Module 12 (1 Gallon), sample number = 2

PIP SUMMARY

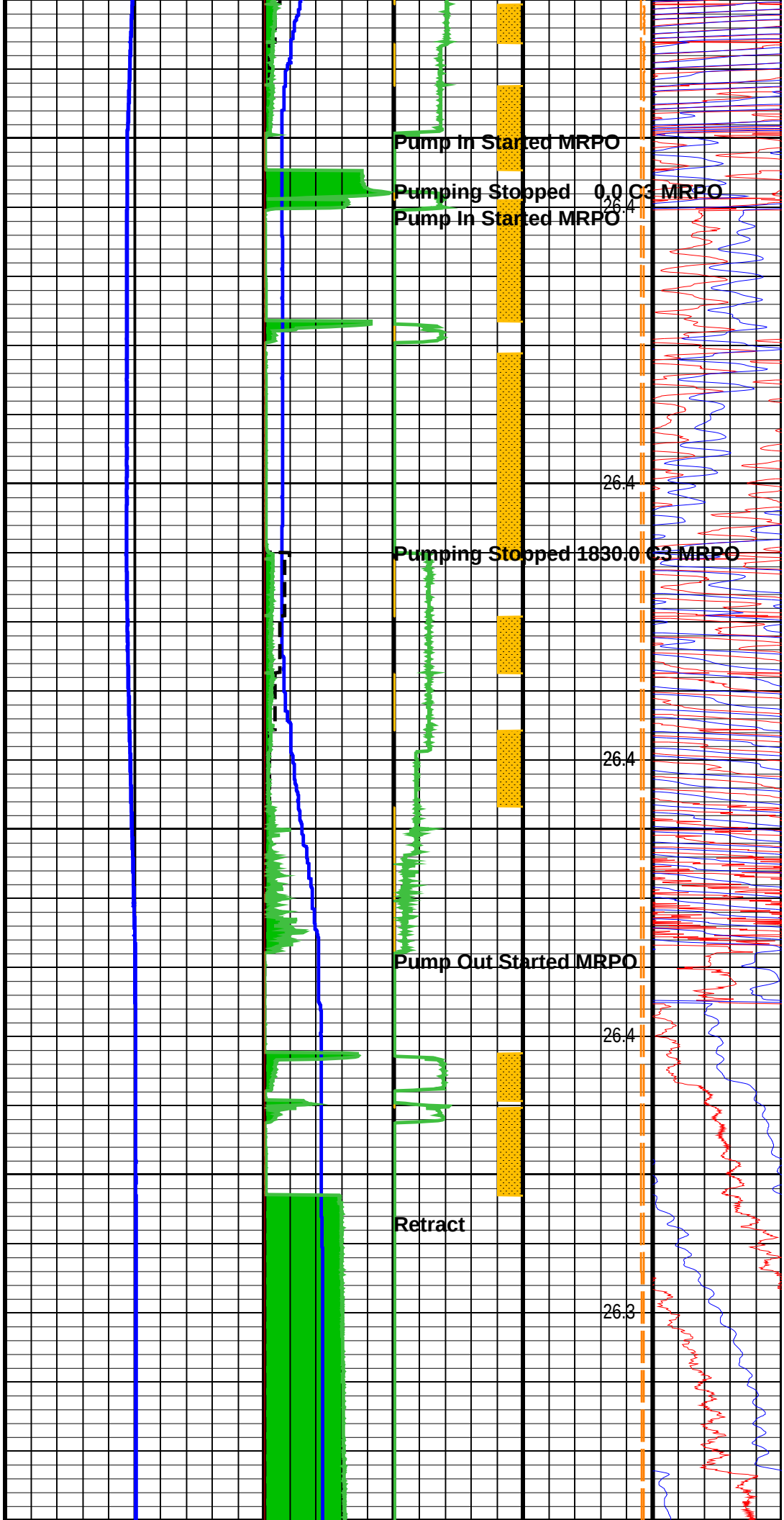
Time Mark Every 60 S

	MRPA Solenoid	

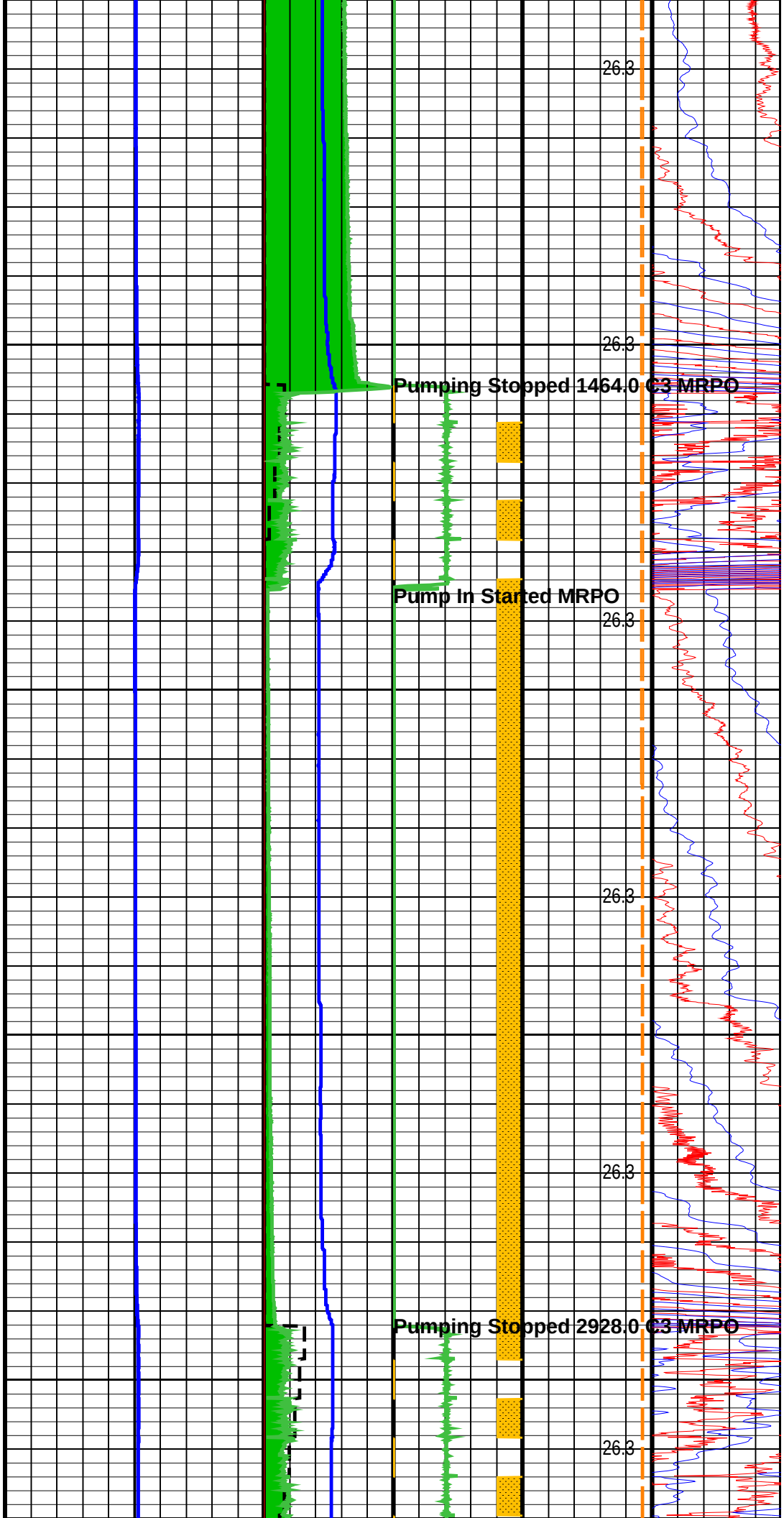


Elapsed Time (ETIM) (S)	MRPA Quartz Gauge Pressure (PAQP) (PSIA)	MRPA Strain Gauge Pressure (PASG) (PSIG)
4212	4779.71	4766.7
4203	4779.76	4766.2
4194	4779.29	4768.2
4185	4779.16	4767.6
4176	4782.20	4768.5
4167	4778.39	4768.0
4158	4954.63	4928.8
4149	5048.11	5025.8
4140	5030.70	5017.2
4131	5030.45	5017.4
4122	5031.73	5018.5
4113	5032.25	5018.5
4104	5033.62	5020.3
4095	5034.65	5021.0
4086	5036.08	5021.8
4077	5038.41	5023.3
4068	5042.22	5028.3
4059	5044.90	5031.2
4050	5047.47	5032.7
4041	5049.90	5035.9
4032	5053.86	5039.4
4023	5059.64	5045.3
4014	5067.13	5052.3
4005	5082.02	5066.0
3996	5109.13	5091.9
3987	5135.98	5123.2
3978	5132.89	5118.4
3969	5131.01	5118.4
3960	5126.68	5113.3
3951	5124.00	5109.3
3942	5124.65	5109.8
3933	5119.06	5106.0
3924	5119.39	5107.2
3915	5114.28	5101.6
3906	5108.65	5095.6
3897	5098.00	5086.4
3888	5149.04	5131.7
3879	5146.28	5130.1
3870	5163.00	5140.6
3861	5177.85	5171.6
3852	5113.84	5106.1
3843	5054.82	5047.8
3834	5000.08	4992.0
3825	4955.75	4946.6
3816	4913.72	4904.2

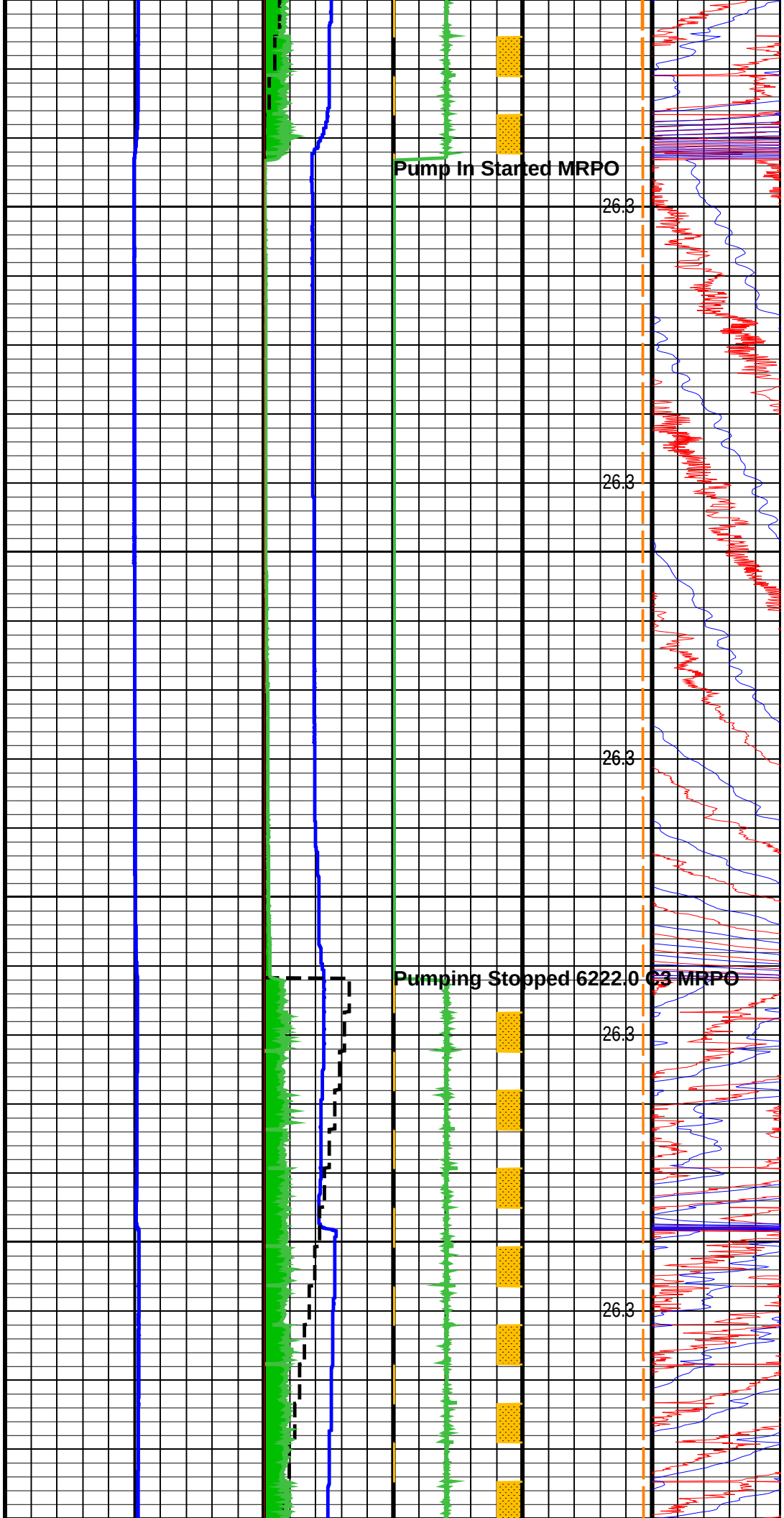
3807	4876.56	4867.8
3798	4843.43	4834.5
3789	4813.82	4803.9
3780	4789.43	4777.5
3771	4765.62	4754.7
3762	4739.36	4728.0
3753	4701.02	4686.2
3744	4701.57	4687.5
3735	4702.28	4688.2
3726	4699.81	4688.1
3717	4684.33	4670.5
3708	4684.39	4672.0
3699	4683.66	4672.6
3690	4683.15	4670.7
3681	4684.05	4672.0
3672	4685.59	4670.7
3663	4685.38	4671.3
3654	4685.26	4671.2
3645	4685.08	4670.9
3636	4682.90	4670.0
3627	4680.82	4667.3
3618	4682.10	4666.2
3609	4682.18	4668.9
3600	4678.89	4667.1
3591	4676.36	4665.0
3582	4676.00	4661.3
3573	4667.66	4653.6
3564	4683.69	4667.5
3555	4690.30	4673.8
3546	4701.51	4696.3
3537	4715.29	4696.8
3528	4729.81	4714.3
3519	4744.51	4728.8
3510	4761.89	4747.5
3501	4779.77	4763.8
3492	4801.80	4784.4
3483	4822.87	4807.0
3474	4838.59	4823.5
3465	4854.71	4839.2
3456	4874.32	4858.9
3447	4899.39	4882.7
3438	4927.15	4913.9
3429	4944.33	4931.2
3420	4962.56	4949.6
3411	4985.67	4970.5
3402	5006.35	4992.5
3393	5004.51	4989.7
3384	5004.16	4991.7
3375	5020.71	5007.2
3366	5021.04	5007.6
3357	5021.51	5007.9
3348	5021.79	5007.9
3339	5024.55	5010.8
3330	5025.07	5011.9
3321	5025.44	5011.7
3312	5025.81	5012.0
3303	5026.56	5012.6
3294	5026.80	5012.8
3285	5028.14	5014.3
3276	5028.85	5016.3
3267	5029.09	5016.2
3258	5030.10	5016.5
3249	5030.87	5017.7
3240	5031.74	5017.8
3231	5032.77	5019.0
3222	5033.24	5019.6
3213	5033.92	5020.1
3204	5034.29	5020.4
3195	5034.28	5020.8
3186	5034.40	5020.3
3177	5034.56	5020.4
3168	5037.11	5023.2
3159	5037.47	5023.7



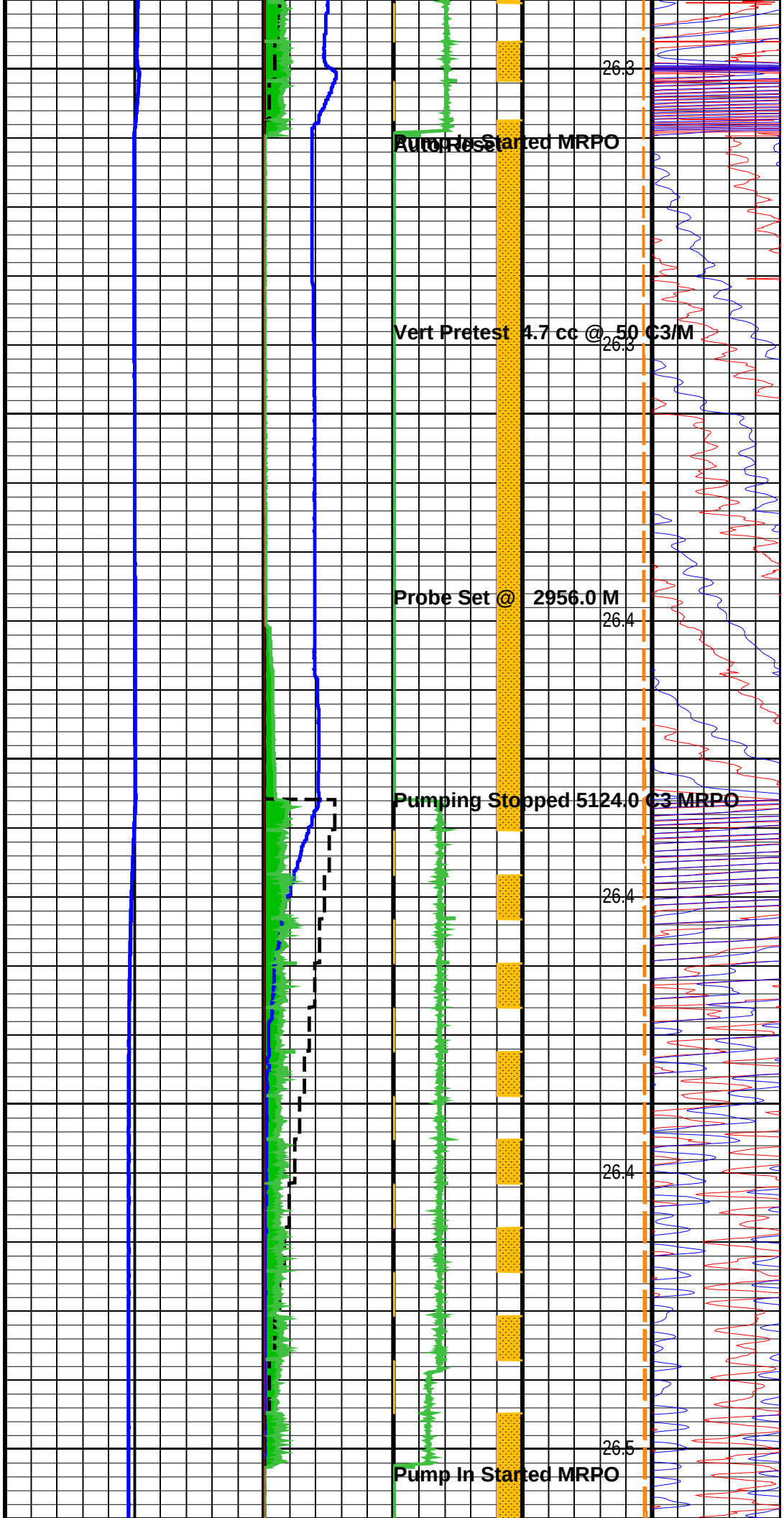
3150	5037.81	5024.0
3141	5038.18	5024.4
3132	5039.16	5025.2
3123	5039.43	5025.8
3114	5038.67	5025.3
3105	5038.88	5025.0
3096	5039.36	5025.8
3087	5040.76	5026.8
3078	5041.12	5027.6
3069	5042.53	5028.7
3060	5043.49	5029.5
3051	5045.22	5031.7
3042	5047.64	5032.9
3033	5050.31	5036.2
3024	5054.75	5040.3
3015	5062.38	5048.2
3006	5072.89	5057.3
2997	5089.75	5074.5
2988	5117.69	5098.8
2979	5147.66	5133.6
2970	5148.13	5130.7
2961	5143.57	5130.7
2952	5139.03	5127.8
2943	5137.92	5125.6
2934	5130.42	5115.6
2925	5127.78	5112.1
2916	5139.59	5123.3
2907	5107.33	5101.6
2898	5016.88	5004.5
2889	5011.45	4997.8
2880	5012.16	4997.9
2871	5012.77	4998.8
2862	5012.90	4999.0
2853	5013.77	4999.7
2844	5014.53	5000.7
2835	5015.46	5001.7
2826	5016.71	5003.2
2817	5016.96	5003.3
2808	5017.13	5003.5
2799	5017.95	5003.8
2790	5018.95	5004.9
2781	5020.17	5005.5
2772	5021.04	5006.4
2763	5021.03	5006.8
2754	5021.05	5007.3
2745	5021.40	5007.3
2736	5022.82	5008.2
2727	5022.23	5008.3
2718	5024.78	5009.1
2709	5026.73	5012.7
2700	5027.91	5014.3
2691	5029.21	5015.5
2682	5030.32	5015.2
2673	5031.10	5017.0
2664	5031.92	5017.5
2655	5033.29	5019.4
2646	5034.42	5020.7
2637	5035.33	5020.5
2628	5039.37	5025.2
2619	5043.82	5029.2
2610	5049.10	5034.9
2601	5055.71	5040.0
2592	5064.84	5047.8
2583	5091.45	5074.9
2574	5137.16	5124.4
2565	5132.47	5121.7
2556	5136.06	5118.7
2547	5133.67	5123.3
2538	5135.84	5124.9
2529	5132.76	5119.1
2520	5129.84	5115.4
2511	5127.06	5112.3
2502	5128.17	5113.9
2493	5126.32	5113.7



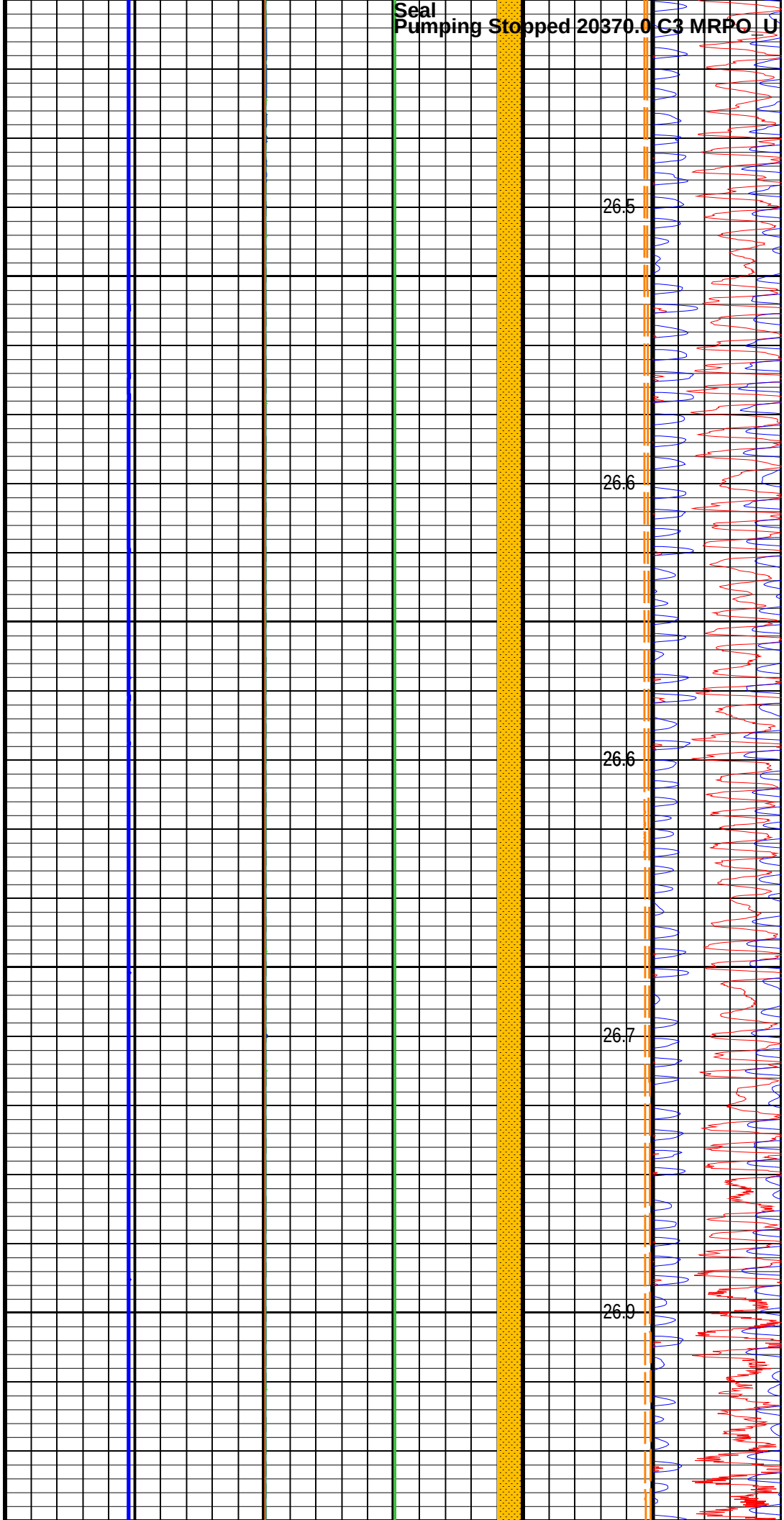
2484	5122.39	5109.3
2475	5119.68	5107.4
2466	5116.94	5103.8
2457	5118.27	5104.9
2448	5113.49	5102.3
2439	5090.31	5082.2
2430	5032.17	5025.9
2421	4970.04	4956.8
2412	4970.13	4957.3
2403	4971.53	4957.1
2394	4972.55	4958.2
2385	4973.61	4960.5
2376	4974.34	4961.3
2367	4974.77	4961.1
2358	4975.38	4962.0
2349	4976.96	4962.1
2340	4977.67	4963.2
2331	4978.71	4963.4
2322	4980.15	4964.9
2313	4981.85	4967.7
2304	4982.78	4968.2
2295	4983.42	4970.5
2286	4984.22	4969.9
2277	4985.12	4971.7
2268	4986.28	4973.4
2259	4986.45	4971.8
2250	4987.48	4974.1
2241	4988.67	4974.5
2232	4989.76	4976.6
2223	4990.71	4976.9
2214	4991.73	4978.8
2205	4992.62	4979.4
2196	4993.60	4979.3
2187	4995.22	4981.1
2178	4996.64	4982.9
2169	4998.27	4984.3
2160	5000.60	4986.6
2151	5002.83	4989.0
2142	5004.95	4991.5
2133	5007.19	4993.9
2124	5010.13	4996.4
2115	5013.19	4998.9
2106	5017.55	5003.1
2097	5022.79	5008.0
2088	5030.76	5015.6
2079	5044.81	5028.9
2070	5072.23	5054.2
2061	5089.16	5076.7
2052	5086.90	5073.3
2043	5083.94	5070.7
2034	5084.29	5070.8
2025	5078.95	5067.0
2016	5074.85	5062.9
2007	5070.80	5055.9
1998	5071.00	5056.7
1989	5069.29	5055.4
1980	5068.70	5056.4
1971	5053.74	5042.7
1962	5050.79	5034.0
1953	5155.40	5142.4
1944	5152.25	5140.1
1935	5149.57	5135.5
1926	5150.21	5136.4
1917	5147.73	5136.4
1908	5142.95	5129.3
1899	5140.16	5127.3
1890	5136.49	5123.8
1881	5132.60	5119.7
1872	5127.46	5115.7
1863	5124.78	5111.9
1854	5119.42	5107.2
1845	5115.80	5103.4
1836	5110.37	5098.8



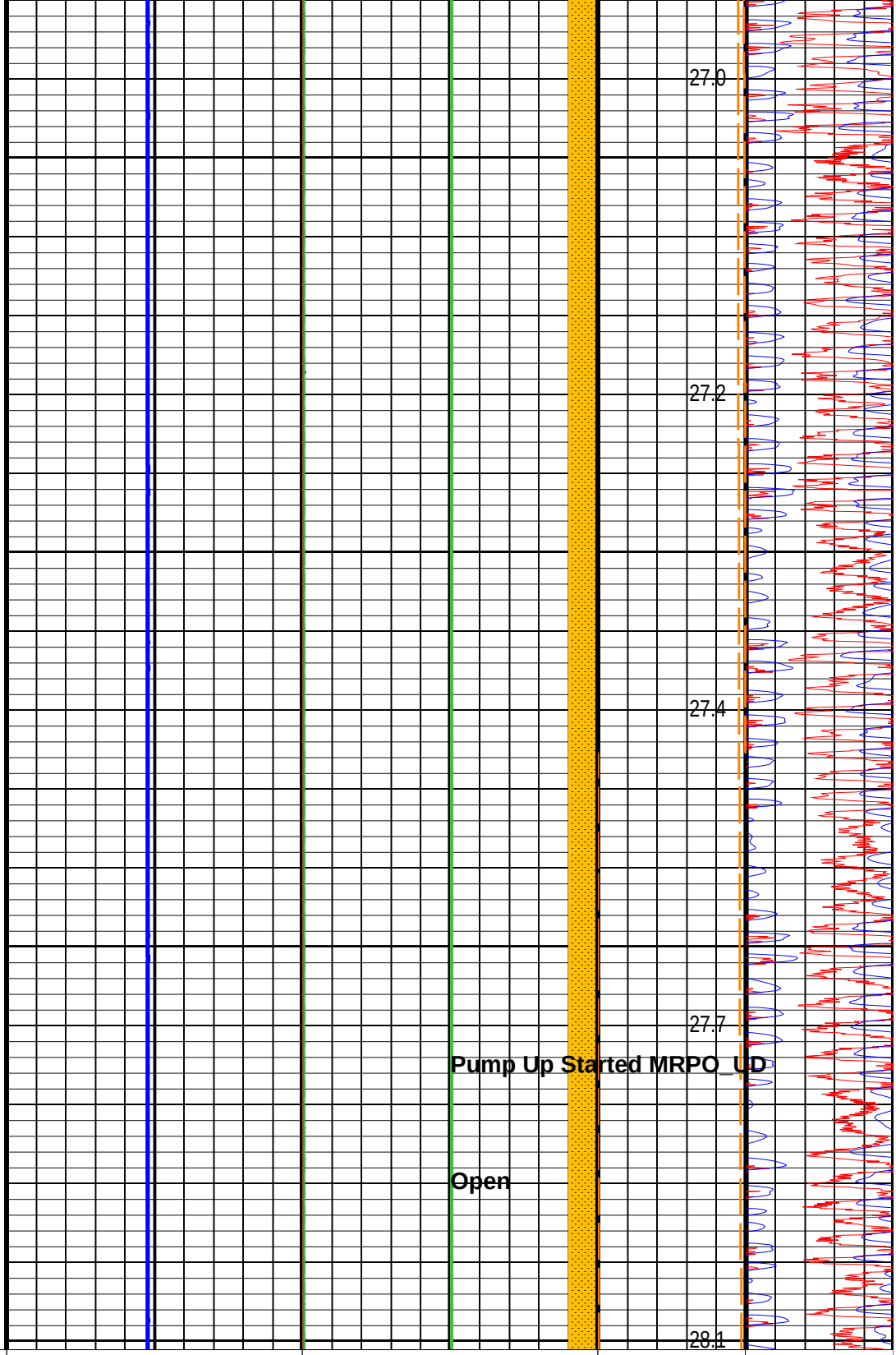
1827	5104.59	5092.3
1818	5090.28	5078.8
1809	5076.84	5064.9
1800	5160.87	5151.8
1791	5104.22	5097.0
1782	5038.99	5032.6
1773	4976.54	4963.0
1764	4977.08	4964.1
1755	4977.25	4964.3
1746	4978.24	4965.6
1737	4979.16	4966.4
1728	4979.95	4967.1
1719	4981.26	4967.3
1710	4982.35	4968.7
1701	4983.30	4969.6
1692	4984.56	4970.7
1683	4986.19	4972.6
1674	4987.69	4974.3
1665	4988.41	4975.5
1656	4990.36	4977.1
1647	4994.23	4980.4
1638	4993.88	4981.3
1629	4993.78	4980.4
1620	4994.06	4980.1
1611	4994.84	4980.9
1602	4996.39	4982.3
1593	4998.90	4985.2
1584	4999.01	4985.9
1575	5000.71	4986.5
1566	5002.39	4989.0
1557	5003.80	4990.4
1548	5005.60	4991.8
1539	5006.63	4992.6
1530	5008.29	4994.5
1521	5009.64	4996.3
1512	5012.07	4997.6
1503	5015.46	5000.7
1494	5019.80	5006.1
1485	5023.05	5015.1
1476	4983.45	4975.6
1467	4948.78	4939.3
1458	4916.07	4906.1
1449	4885.78	4876.5
1440	4858.05	4848.5
1431	4835.63	4825.7
1422	4817.17	4806.2
1413	4803.12	4790.4
1404	4793.10	4777.3
1395	4784.75	4768.7
1386	4778.52	4762.0
1377	4775.26	4762.2
1368	4771.06	4758.3
1359	4763.77	4752.7
1350	4760.22	4746.8
1341	4757.17	4745.0
1332	4759.22	4743.3
1323	4759.44	4744.1
1314	4756.59	4740.7
1305	4758.85	4744.3
1296	4757.03	4745.8
1287	4757.20	4746.4
1278	4759.81	4747.4
1269	4756.56	4746.6
1260	4758.25	4745.5
1251	4758.49	4746.4
1242	4756.74	4743.1
1233	4757.99	4743.2
1224	4755.72	4743.4
1215	4757.22	4742.0
1206	4758.41	4742.1
1197	4758.86	4743.4
1188	4758.54	4746.8
1179	4760.16	4746.3
1170	4759.75	4746.9



1170	4759.75	4746.9
1161	4758.07	4744.2
1152	4758.51	4743.8
1143	4758.12	4742.9
1134	4758.28	4744.1
1125	4756.18	4741.7
1116	4754.74	4743.4
1107	4757.11	4741.2
1098	4758.29	4742.0
1089	4754.83	4742.1
1080	4755.03	4741.9
1071	4756.37	4742.4
1062	4757.62	4744.0
1053	4755.93	4744.0
1044	4755.00	4742.1
1035	4755.19	4742.5
1026	4755.86	4745.5
1017	4757.86	4747.3
1008	4758.44	4747.7
999	4758.71	4748.0
990	4759.19	4747.0
981	4759.53	4747.2
972	4759.73	4746.3
963	4756.05	4742.6
954	4754.45	4742.1
945	4755.53	4742.4
936	4757.95	4741.5
927	4757.02	4743.0
918	4756.80	4742.8
909	4755.93	4744.9
900	4754.96	4742.2
891	4756.95	4742.7
882	4755.49	4742.1
873	4754.92	4741.7
864	4756.28	4742.6
855	4755.00	4744.3
846	4754.56	4742.7
837	4755.64	4743.3
828	4755.97	4741.9
819	4758.05	4742.8
810	4758.44	4746.2
801	4756.73	4745.9
792	4755.59	4743.8
783	4756.52	4743.3
774	4755.35	4743.7
765	4755.61	4745.2
756	4755.08	4744.6
747	4755.79	4743.2
738	4757.65	4745.2
729	4759.13	4746.7
720	4758.79	4747.2
711	4758.89	4746.3
702	4756.95	4745.6
693	4756.64	4743.3
684	4754.83	4742.2
675	4755.27	4742.5
666	4758.43	4741.8
657	4757.25	4744.4
648	4757.81	4746.4
639	4755.72	4745.0
630	4754.56	4741.5
621	4754.25	4741.8
612	4755.31	4741.6
603	4756.05	4741.9
594	4755.41	4740.8
585	4755.48	4741.1
576	4756.52	4744.7
567	4757.26	4743.9
558	4757.80	4744.6
549	4757.43	4743.7
540	4754.97	4740.7
531	4754.62	4743.5
522	4757.60	4745.3
513	4759.85	4746.5



Elapsed Time (ETIM) (S)	MRPA Quartz Gauge Pressure (PAQP) (PSIA)	MRPA Strain Gauge Pressure (PASG) (PSIG)
504	4760.02	4747.2
495	4759.84	4747.6
486	4758.81	4746.3
477	4759.35	4748.5
468	4759.98	4748.4
459	4757.62	4746.5
450	4758.98	4746.7
441	4755.63	4745.4
432	4754.74	4744.0
423	4754.93	4742.8
414	4755.74	4742.9
405	4758.48	4744.4
396	4759.18	4745.6
387	4757.27	4742.4
378	4757.41	4741.6
369	4756.64	4741.1
360	4757.82	4746.4
351	4757.18	4746.0
342	4757.61	4747.8
333	4757.95	4748.3
324	4757.59	4747.6
315	4755.68	4745.4
306	4757.28	4743.3
297	4755.63	4744.0
288	4757.86	4744.2
279	4756.26	4742.2
270	4758.22	4742.5
261	4759.52	4744.7
252	4755.01	4742.1
243	4754.03	4743.0
234	4755.02	4743.2
225	4758.49	4744.0
216	4759.13	4745.8
207	4759.15	4747.0
198	4756.54	4743.6
189	4756.78	4746.1
180	4757.46	4746.0
171	4756.68	4745.1
162	4754.91	4745.0
153	4754.27	4741.3
144	4754.57	4742.7
135	4756.08	4746.3
126	4757.84	4747.0
117	4759.45	4748.3
108	4759.11	4746.1
99	4755.89	4744.9
90	4756.58	4744.7
81	4758.66	4746.0
72	4758.91	4745.0
63	4756.03	4741.9
54	4757.13	4742.4
45	4757.48	4746.3
36	4755.95	4746.8
27	4757.47	4745.3
18	4758.24	4746.4
9	4756.76	4747.8
0	4759.22	4745.5



MRPA Strain Gauge Pressure (PASG)
0 (PSIG) 10000

MRPA Inflate Pressure (PAHP)
0 (PSIG) 2000

MRPA Strain Gauge Temperature (PATV) (DEGC)
30 80

MRPA PASG Pressure Ones Digit (PASG)
0 (PSIG) 10

MRPA Quartz Gauge Pressure (PAQP)
0 (PSIA) 10000

MRPO Hydraulic Pump Output Volume (POPV)
0 (GAL) 5

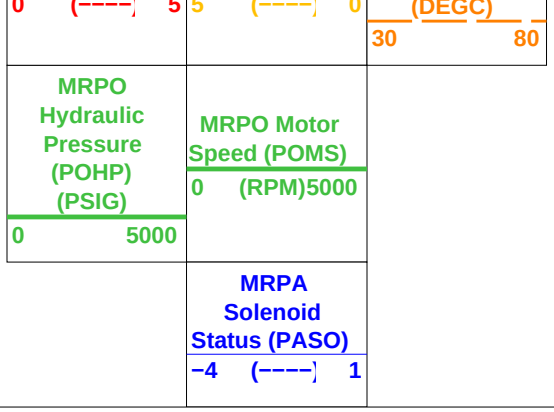
MRPA Strain Gauge Temperature (PATV) (DEGC)

MRPA PAQP Pressure Ones Digit (PAQP)
0 (PSIA) 10

MRPA Autodeflate Status (PAAD)

MRPO Solenoid 3 Status (POS3)

MRPA Quartz Gauge Temperature (PAQT)



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	MRPA: Dual Packer Module (MRPA)		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPS_1: Single Probe Module (MRPS) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
	MRPO: Dual Pumpout Module (MRPO)		
PODISPVOL	MRPO Displacement Unit Stroke Volume	366	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M

Format: MRPA_Station Vertical Scale: 1" per 60S Graphics File Created: 15−Jul−2009 02:46

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_080LTP	FN:217	PRODUCER	15−Jul−2009 02:46
CLIENT	MDT_080LTC	FN:218	CUSTOMER	15−Jul−2009 02:46
BACKUP	MDT_080LTP	FN:219	PRODUCER	15−Jul−2009 02:46

Schlumberger

Correlation

MAXIS Field Log

Company: CDEX Well: C0009A

Input DLIS Files

DEFAULT	MDT_062LUP	FN:163	PRODUCER	14−Jul−2009 20:35	3348.8 M	3259.5 M

Output DLIS Files

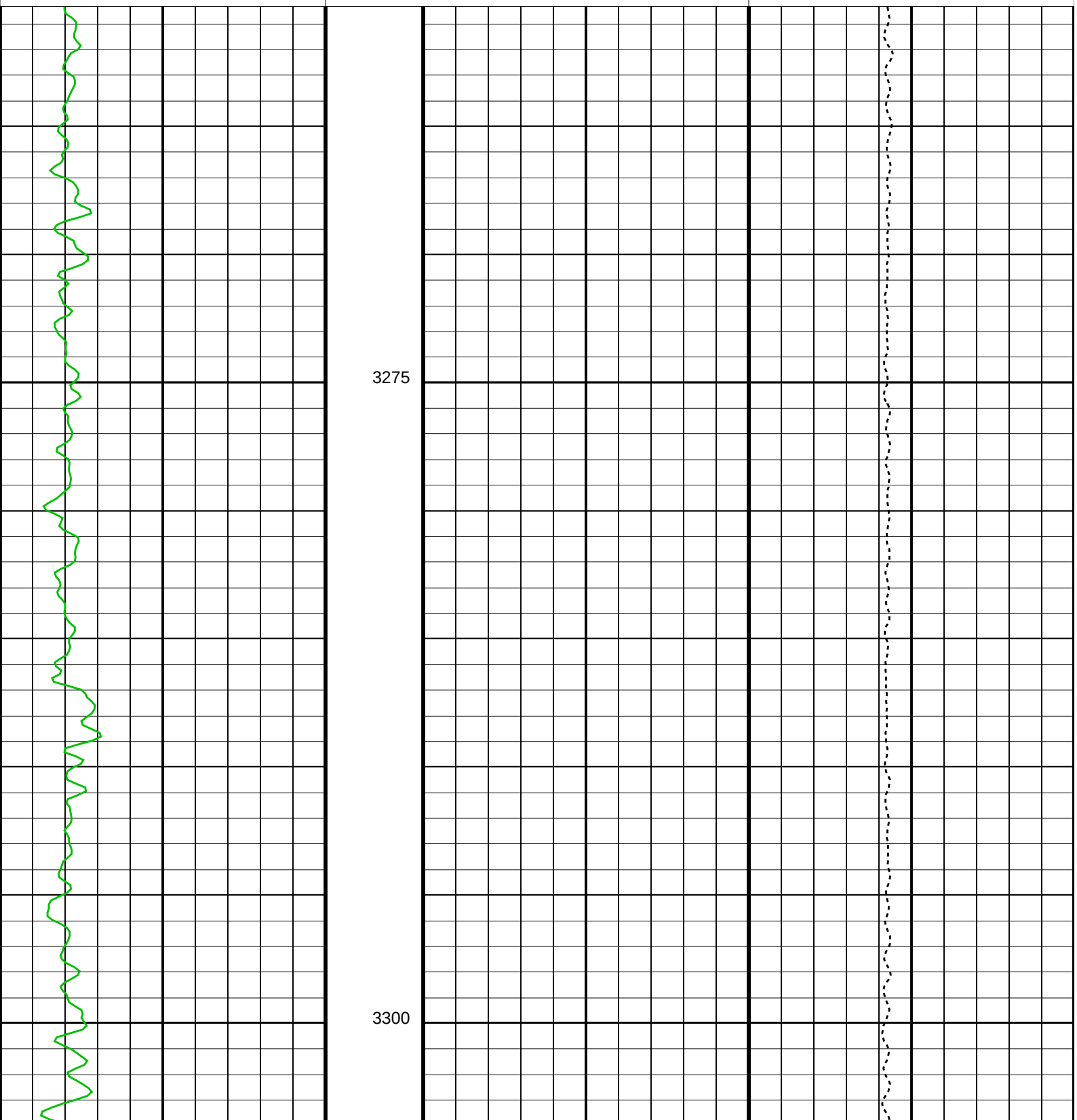
DEFAULT	MDT_064PUP	FN:169	PRODUCER	14−Jul−2009 20:46	3349.6 M	3260.3 M
CLIENT	MDT_064PUC	FN:170	CUSTOMER	14−Jul−2009 20:46	3349.6 M	3260.3 M
BACKUP	MDT_064PUP	FN:171	PRODUCER	14−Jul−2009 20:45	3349.6 M	3260.3 M

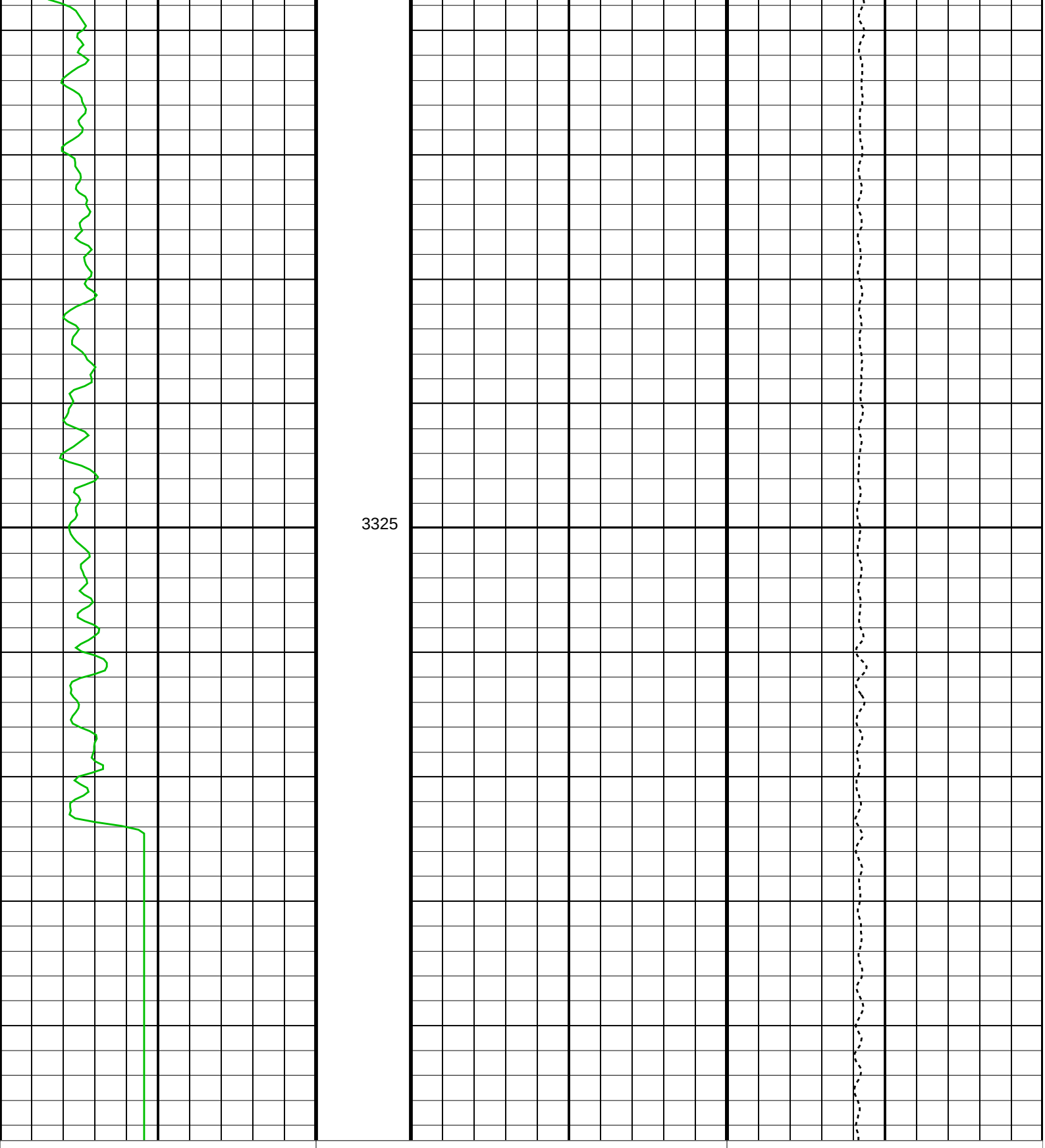
OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Gamma Ray (GR)
50 (GAPI) 150

Tension (TENS)
10000 (LBF) 0





Parameters

DLIS Name	Description	Value	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
DO	Depth Offset for Playback	0.8	M
PP	Playback Processing	NORMAL	

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 14-Jul-2009 20:46

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 14-Jul-2009 20:46

OP System Version: 17C0-154

MRSC_12	17C0-154	MRPO_UD	17C0-154
MRPA	17C0-154	MRPS_1	17C0-154
MRHY_1	17C0-154	MRPO	17C0-154
MRPC	17C0-154	SGT-L	17C0-154
TCC-BF	17C0-154		

Input DLIS Files

DEFAULT	MDT_062LUP	FN:163	PRODUCER	14-Jul-2009 20:35	3348.8 M	3259.5 M

Output DLIS Files

DEFAULT	MDT_064PUP	FN:169	PRODUCER	14-Jul-2009 20:46
CLIENT	MDT_064PUC	FN:170	CUSTOMER	14-Jul-2009 20:46
BACKUP	MDT_064PUP	FN:171	PRODUCER	14-Jul-2009 20:45

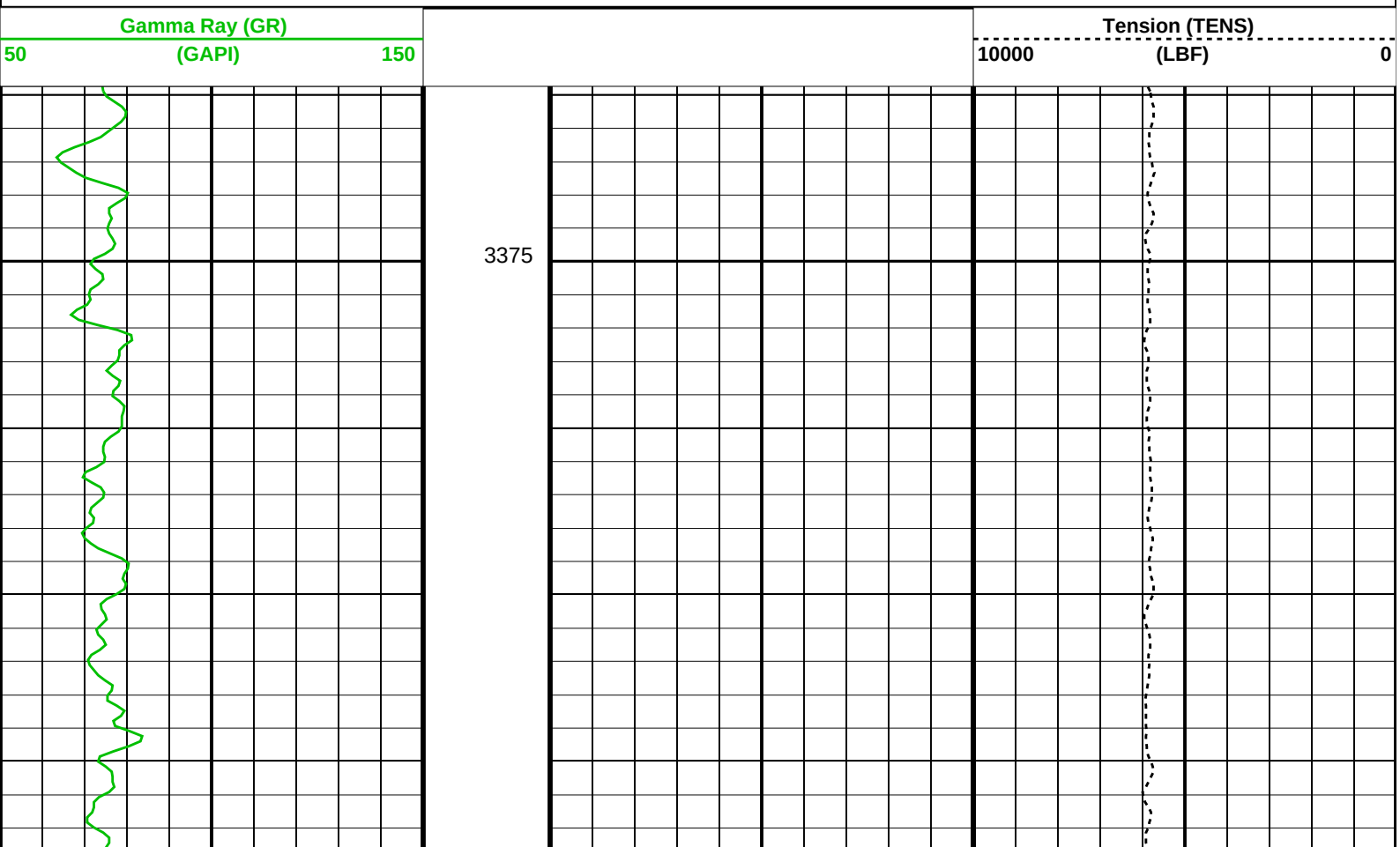
Company: CDEX Well: C0009A

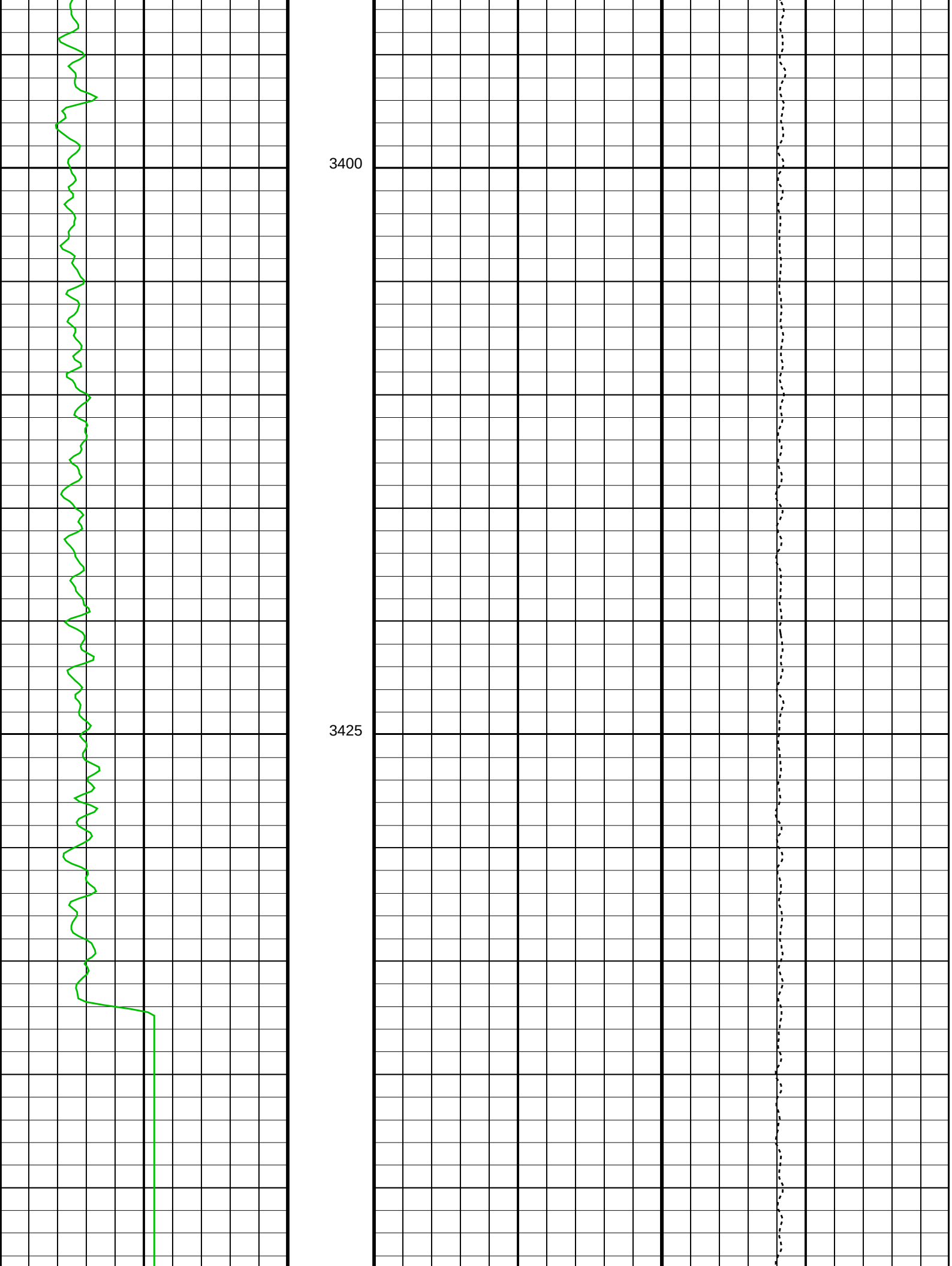
Output DLIS Files

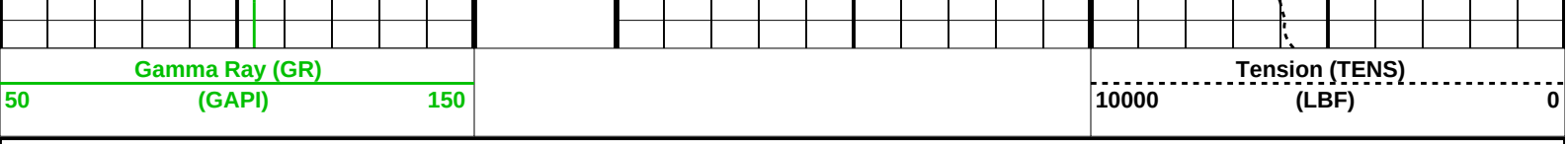
DEFAULT	MDT_066LUP	FN:175	PRODUCER	14-Jul-2009 21:15
CLIENT	MDT_066LUC	FN:176	CUSTOMER	14-Jul-2009 21:15
BACKUP	MDT_066LUP	FN:177	PRODUCER	14-Jul-2009 21:14

OP System Version: 17C0-154

MRSC_12	17C0-154	MRPO_UD	17C0-154
MRPA	17C0-154	MRPS_1	17C0-154
MRHY_1	17C0-154	MRPO	17C0-154
MRPC	17C0-154	SGT-L	17C0-154
TCC-BF	17C0-154		




3400
3425



Parameters

DLIS Name	Description	Value
PDCO	MRPC: Power Cartridge Probe Depth Correction Offset	0 M

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 14−Jul−2009 21:15

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_066LUP	FN:175	PRODUCER	14−Jul−2009 21:15
CLIENT	MDT_066LUC	FN:176	CUSTOMER	14−Jul−2009 21:15
BACKUP	MDT_066LUP	FN:177	PRODUCER	14−Jul−2009 21:14

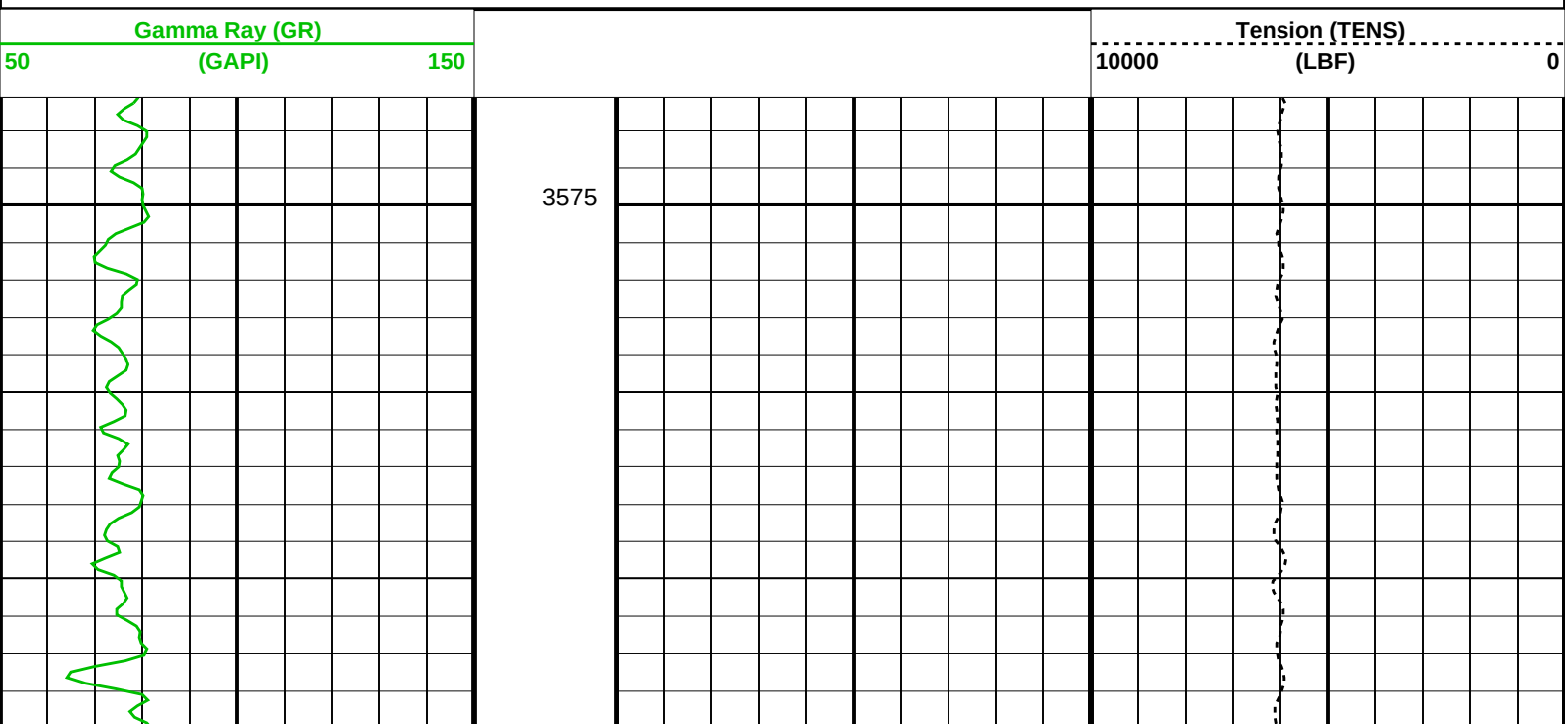
Company: CDEX Well: C0009A

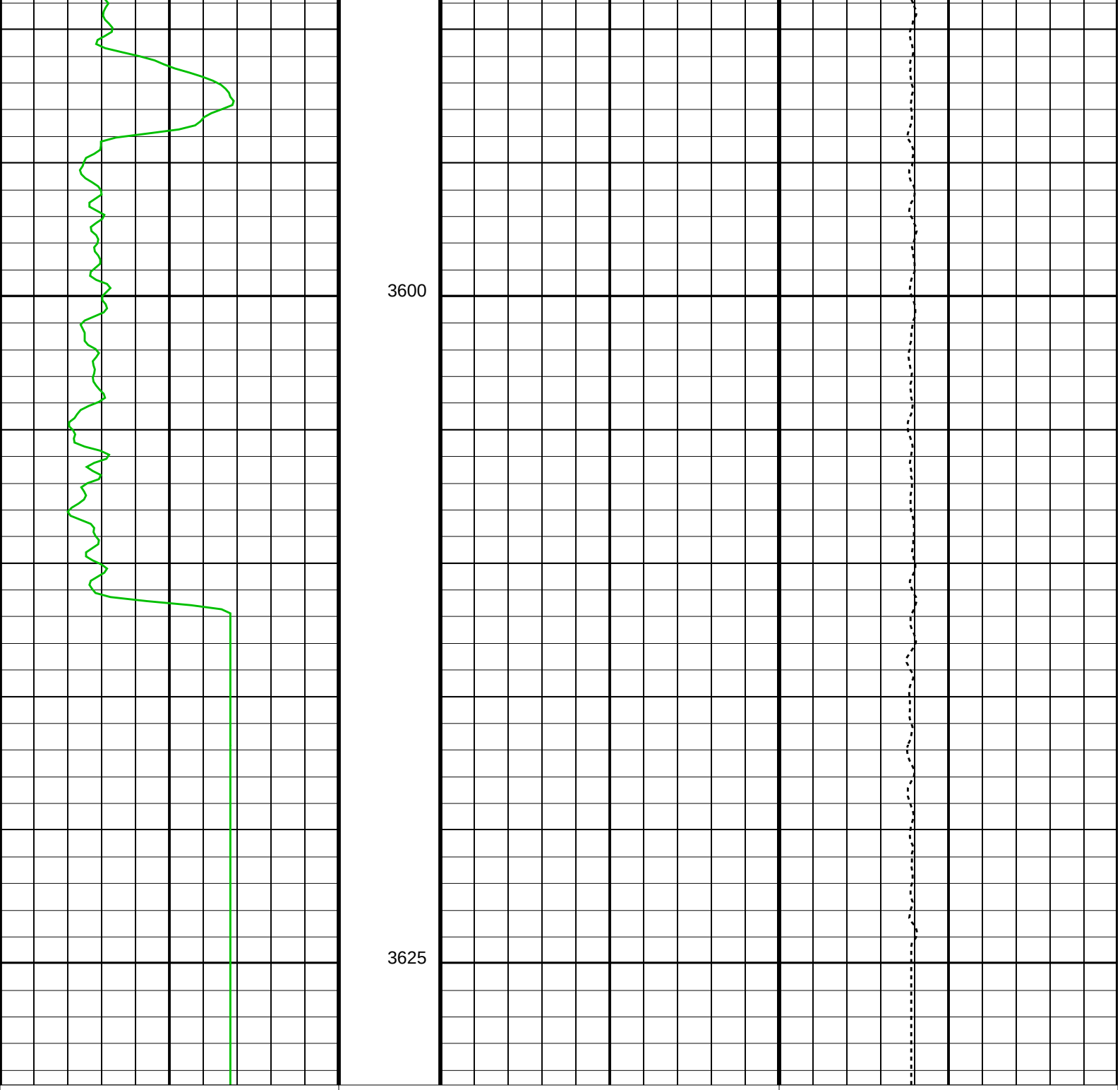
Output DLIS Files

DEFAULT	MDT_069LUP	FN:184	PRODUCER	14−Jul−2009 22:00
CLIENT	MDT_069LUC	FN:185	CUSTOMER	14−Jul−2009 22:00
BACKUP	MDT_069LUP	FN:186	PRODUCER	14−Jul−2009 21:59

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		





Gamma Ray (GR)			Tension (TENS)		
50	(GAPI)	150	10000	(LBF)	0

Parameters

DLIS Name	Description	Value	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
DORL	Depth Offset for Repeat Analysis	0.0	M

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 14−Jul−2009 22:00

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154

MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Output DLIS Files

DEFAULT	MDT_069LUP	FN:184	PRODUCER	14−Jul−2009 22:00	
CLIENT	MDT_069LUC	FN:185	CUSTOMER	14−Jul−2009 22:00	
BACKUP	MDT_069LUP	FN:186	PRODUCER	14−Jul−2009 21:59	

Company: CDEX **Well: C0009A**

Input DLIS Files

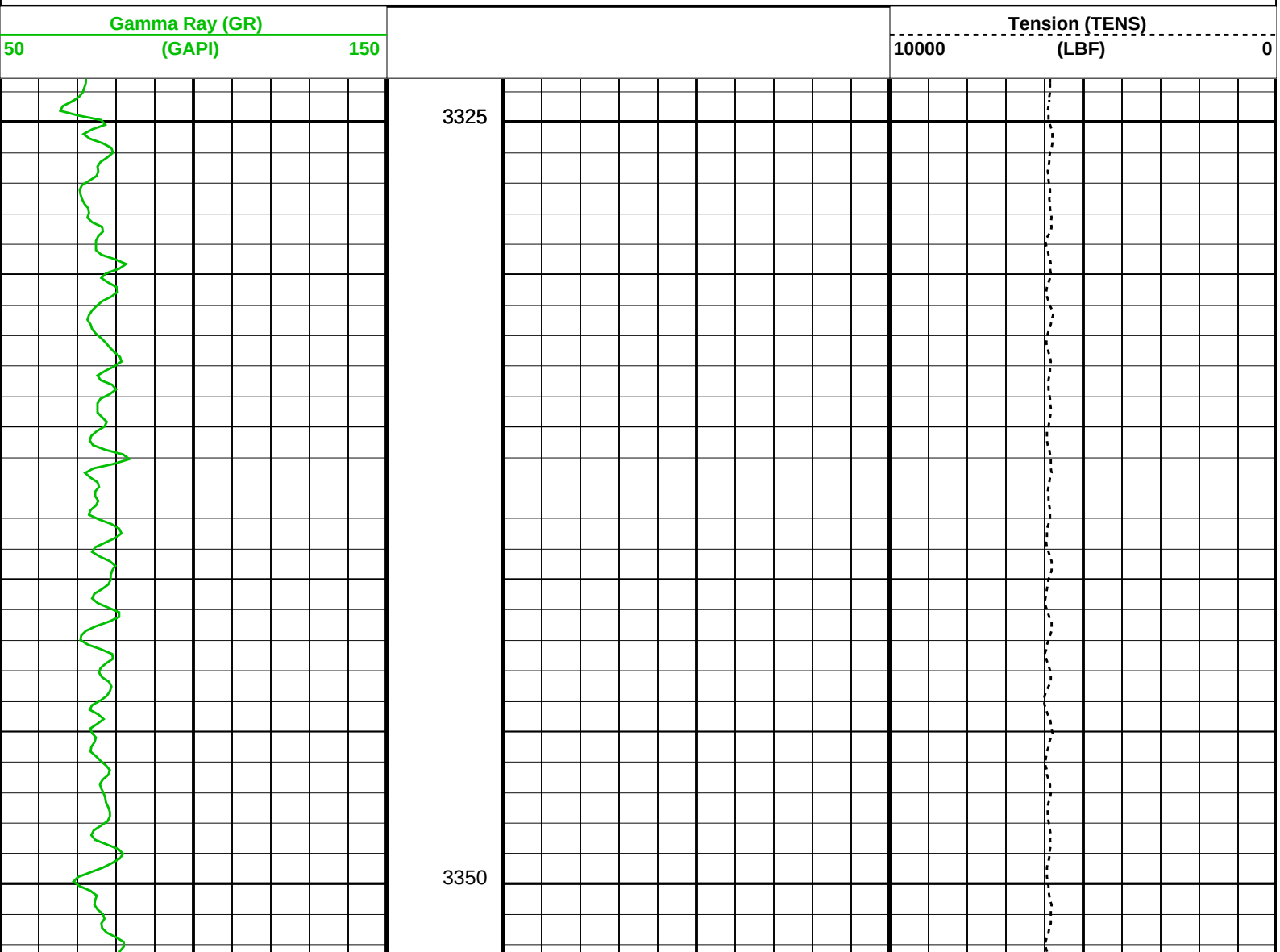
DEFAULT	MDT_076LUP	FN:205	PRODUCER	15−Jul−2009 01:51	3411.0 M	3323.4 M

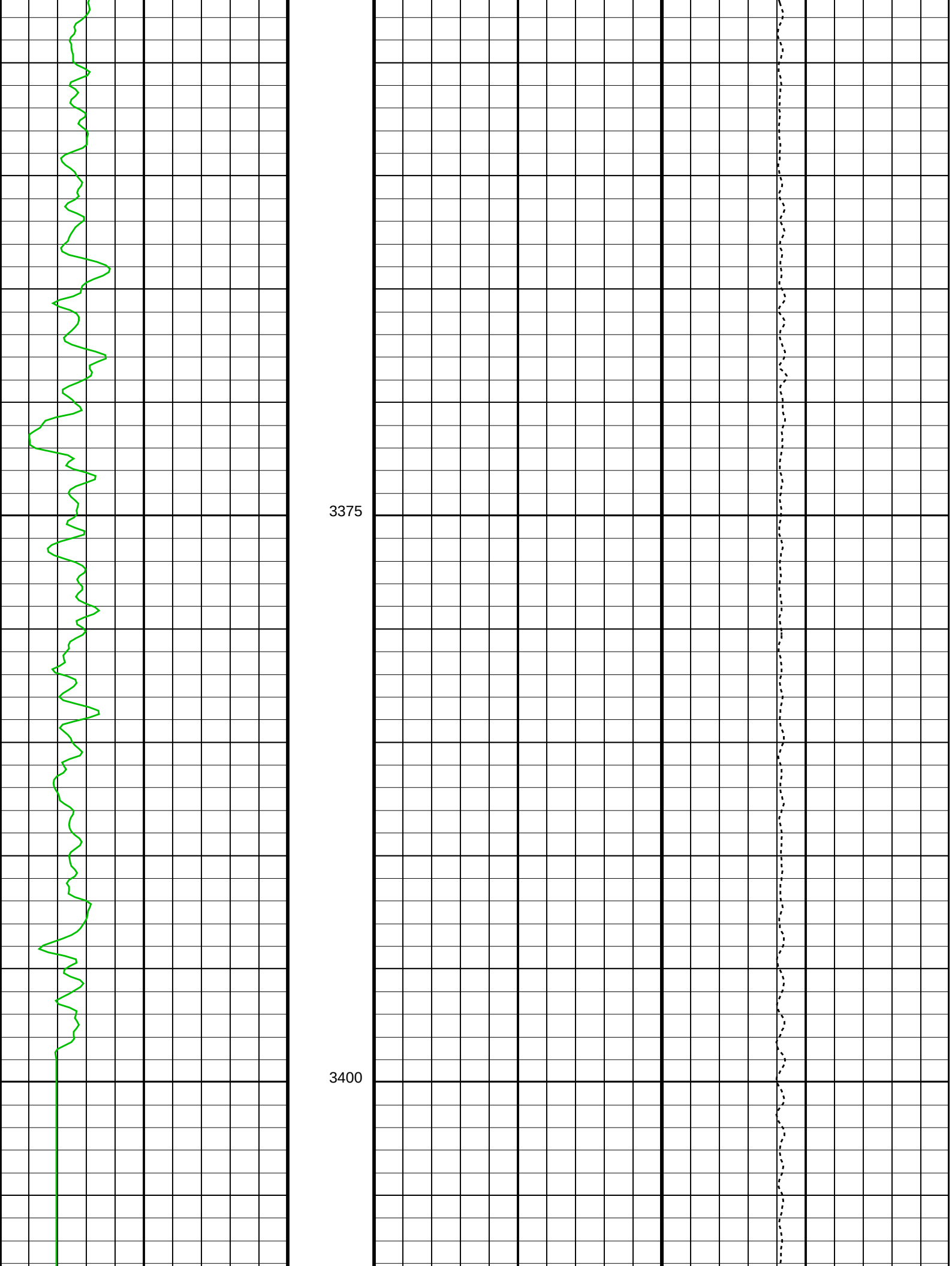
Output DLIS Files

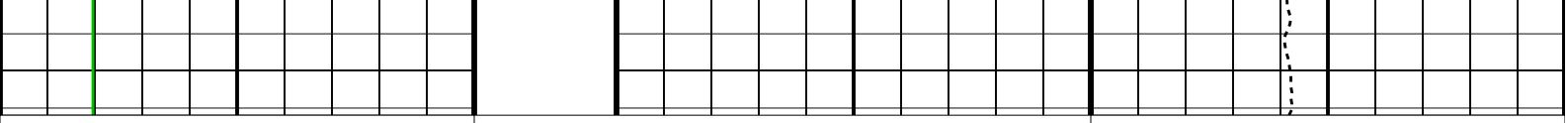
DEFAULT	MDT_077PUP	FN:208	PRODUCER	15−Jul−2009 02:00	3411.2 M	3323.5 M
CLIENT	MDT_077PUC	FN:209	CUSTOMER	15−Jul−2009 02:00	3411.2 M	3323.5 M
BACKUP	MDT_077PUP	FN:210	PRODUCER	15−Jul−2009 01:59	3411.2 M	3323.5 M

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		




3375
3400



Gamma Ray (GR)		Tension (TENS)	
50 (GAPI) 150		10000 (LBF)	0

Parameters

DLIS Name	Description	Value	
	MRPC: Power Cartridge		
PDCO	Probe Depth Correction Offset	0	M
	System and Miscellaneous		
DO	Depth Offset for Playback	0.2	M
PP	Playback Processing	NORMAL	

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 15−Jul−2009 02:00

OP System Version: 17C0−154

MRSC_12	17C0−154	MRPO_UD	17C0−154
MRPA	17C0−154	MRPS_1	17C0−154
MRHY_1	17C0−154	MRPO	17C0−154
MRPC	17C0−154	SGT−L	17C0−154
TCC−BF	17C0−154		

Input DLIS Files

DEFAULT	MDT_076LUP	FN:205	PRODUCER	15−Jul−2009 01:51	3411.0 M	3323.4 M

Output DLIS Files

DEFAULT	MDT_077PUP	FN:208	PRODUCER	15−Jul−2009 02:00
CLIENT	MDT_077PUC	FN:209	CUSTOMER	15−Jul−2009 02:00
BACKUP	MDT_077PUP	FN:210	PRODUCER	15−Jul−2009 01:59

Schlumberger

Calibration

MAXIS Field Log

MASTER CALIBRATION SUMMARY: Quartz Gauge (Packer Module)

Calibration Pressure Unit:	PSIA
Calibration Temperature Unit:	DEGC
Sensor Comment:	:
Sensor Serial Number:	3823
Sensor Calibration Date (DDMMYY):	260908
Pressure Model:	P=F(Fc,Fb)
Pressure Matrix:	66
Pressure CRC:	5C53
Temperature Model:	T=F(Fb,Fc)
Temperature Matrix:	66

Temperature CRC:	**AA8C**
Clock Comment:	**:**
Clock Serial Number:	**826**
Clock Calibration Date (DDMMYY):	**220908**
Clock Model:	**Fclk=F(Fb'−Fc')**
Clock Matrix:	**16**
Clock CRC:	**1E60**
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	+.716442885727E+04	+.373608509177E−01	−.122073981996E−06	−.810415964334E−10
Fc**1	−.108913009266E+01	−.129905474982E−04	−.106429273182E−09	−.677840159421E−15
Fc**2	+.789560314614E−06	+.344167580826E−10	+.598831674372E−15	+.536710713554E−19
Fc**3	+.510939211363E−11	−.716235965245E−16	−.140113346162E−18	−.565972566778E−23
Fc**4	−.292374806458E−17	+.261940535513E−19	+.442318906248E−24	−.116764723547E−26
Fc**5	−.322347437023E−19	−.957859063814E−24	+.277143594464E−26	+.249892007460E−30

	Fb**4	Fb**5
Fc**0	−.151160963966E−14	−.288812815859E−19
Fc**1	−.170446199304E−19	+.181234411233E−23
Fc**2	+.160889732077E−23	−.295720608886E−27
Fc**3	+.104061849771E−26	+.528425695933E−31
Fc**4	−.154780219296E−32	+.883565962554E−35
Fc**5	−.201350240051E−34	−.187357718782E−38

Temperature Coefficients

	Fc**0	Fc**1	Fc**2	Fc**3
Fb**0	+.109766153292E+03	−.583944771006E−03	+.579967795402E−08	+.431605686559E−14
Fb**1	−.601565203860E−02	+.125129692907E−07	+.137390482834E−12	−.143929673870E−16
Fb**2	−.326033795027E−07	+.240851265792E−12	+.823264111282E−17	+.465543968342E−21
Fb**3	−.289230349138E−12	−.635348200313E−18	+.899674699588E−21	+.339602465638E−24
Fb**4	−.426350291443E−17	+.145931888603E−21	−.337724227420E−25	+.291732390466E−29
Fb**5	−.205900368507E−21	+.306305208680E−25	−.364316223946E−29	−.139951768493E−32

	Fc**4	Fc**5
Fb**0	−.735064440731E−19	+.239620792859E−21
Fb**1	+.574625293409E−21	+.282485425284E−24
Fb**2	−.131886065272E−24	−.700204494457E−29
Fb**3	−.177229923099E−28	−.631371401119E−32
Fb**4	+.601443767062E−33	−.947922329388E−37
Fb**5	+.419982716182E−37	+.209965497593E−40

Clock Coefficients

F'b/F'c**0	+.517496946700E+07
F'b/F'c**1	+.260362328117E−02
F'b/F'c**2	+.937635488362E−06
F'b/F'c**3	−.630267737126E−10
F'b/F'c**4	−.524361425205E−15
F'b/F'c**5	+.434000149849E−20

MASTER CALIBRATION SUMMARY: **Quartz Gauge (Single Probe Module 1)**

Calibration Pressure Unit:	PSIA
Calibration Temperature Unit:	DEGC
Sensor Comment:	:
Sensor Serial Number:	2457
Sensor Calibration Date (DDMMYY):	121208
Pressure Model:	P=F(Fc,Fb)
Pressure Matrix:	66
Pressure CRC:	D33B
Temperature Model:	T=F(Fb,Fc)
Temperature Matrix:	66
Temperature CRC:	1869
Clock Comment:	:
Clock Serial Number:	513
Clock Calibration Date (DDMMYY):	041208
Clock Model:	Fclk=F(Fb'−Fc')
Clock Matrix:	16
Clock CRC:	EF3F
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	+.663372888243E+04	+.557225858100E−02	−.259547400948E−06	−.768638532693E−10
Fc**1	−.104554852346E+01	−.122717103170E−04	−.836981554756E−10	+.206480027865E−15
Fc**2	+.113920002491E−05	+.442265622990E−10	+.787099480704E−15	−.337070438041E−19
Fc**3	+.432573567605E−11	+.683052387342E−15	+.122443809220E−19	−.207273701595E−22
Fc**4	+.999959494360E−17	−.472663447121E−19	−.219006732656E−23	+.115128235668E−26
Fc**5	−.123531183818E−19	−.128197166992E−22	−.169762955701E−27	+.418689715632E−30

	Fb**4	Fb**5
Fc**0	−.128576866772E−14	−.322067018385E−19
Fc**1	+.761122249349E−20	+.944667384552E−24
Fc**2	−.137573639020E−24	+.195633823833E−27

Fc**3	−.321068975127E−27	+.120971972497E−30
Fc**4	+.151099246903E−31	−.532103903131E−35
Fc**5	+.433084714021E−35	−.235365409967E−38

Temperature Coefficients

	Fc**0	Fc**1	Fc**2	Fc**3
Fb**0	+.116423952074E+03	−.210282477658E−03	+.583463652725E−08	−.149025311671E−13
Fb**1	−.599080937716E−02	+.199860595873E−07	+.590403282441E−13	+.504884686239E−18
Fb**2	−.308260744951E−07	+.354452140974E−12	−.428194894783E−17	−.441950030375E−21
Fb**3	−.271144236961E−12	+.879657497181E−17	+.184869233964E−20	−.790794406828E−25
Fb**4	−.364447589089E−17	+.126804344017E−21	+.594212987591E−25	+.421894832390E−29
Fb**5	+.810931728669E−22	−.148575698045E−25	−.103754332467E−28	+.723764135958E−33

	Fc**4	Fc**5
Fb**0	−.181740119143E−17	+.377982108133E−21
Fb**1	+.138787441053E−20	+.102309946942E−24
Fb**2	+.759555901352E−25	+.622342895691E−29
Fb**3	−.317168892193E−28	−.146787596687E−32
Fb**4	−.805817245306E−33	−.555309071214E−37
Fb**5	+.155626031397E−36	+.184401344438E−41

Clock Coefficients

F'b/F'c**0	+.517534958239E+07
F'b/F'c**1	+.483065860558E−02
F'b/F'c**2	+.655158111889E−06
F'b/F'c**3	−.652224370265E−10
F'b/F'c**4	−.499035734241E−15
F'b/F'c**5	+.417480525053E−20

Strain Gauge (Packer Module)

Serial Number:	204415
Range:	10K
Calibration Date:	29−jan−2009
Mean Quadratic Deviation:	1.4039
Offset:	337.1000 PSI
Calibration Pressure Unit:	PSI
Calibration Temperature Unit:	DEGC

	G	H	I	J
0	2.143359e+000	1.003232e+000	−4.637869e−007	6.385686e−012
1	−2.491500e−001	2.437258e−007	−2.495469e−009	−2.949722e−014
2	3.717874e−003	−5.499332e−007	5.108035e−011	−7.147248e−016
3	−1.360559e−005	2.617516e−009	−1.642688e−013	0.000000e+000

Vert Strain Gauge (Single Probe Module 1)

Serial Number:	**197595**
Range:	**10K**
Calibration Date:	**29−jan−2009**
Mean Quadratic Deviation:	**1.7078**
Offset:	**242.8000 PSI**
Calibration Pressure Unit:	**PSI**
Calibration Temperature Unit:	**DEGC**

	G	H	I	J
0	−2.234211e+000	1.004265e+000	−3.294491e−007	−1.248246e−011
1	2.963305e−001	−1.156773e−004	−1.829799e−009	6.947467e−013
2	−6.129182e−003	1.683024e−006	−6.036299e−011	−4.958372e−015
3	2.538315e−005	−7.263144e−009	5.257766e−013	0.000000e+000

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
Scintillation Gamma−Ray − L Wellsite Calibration − Detector Calibration							
Before: 14−Jul−2009 15:00							
Gamma Ray Background	30.00	N/A	2.810	N/A	N/A	N/A	GAPI
Gamma Ray (Jig − Bkg)	160.4	N/A	160.4	N/A	N/A	14.58	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	N/A	N/A	15.00	GAPI

Scintillation Gamma−Ray − L / Equipment Identification

Primary Equipment:		
Scintillation Gamma Cartridge	SGC − SA	1086
Scintillation Gamma Detector	SGD − TAA	
Auxiliary Equipment:		
Scintillation Gamma Housing	SGH − K	2389
Gamma Source Radioactive	GSR − U/Y	

Scintillation Gamma−Ray − L Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value	Phase	Gamma Ray (Jig − Bkg) GAPI	Value	Phase	Gamma Ray (Calibrated) GAPI	Value
Before		2.810	Before		160.4	Before		165.0
	0 (Minimum) 30.00 (Nominal) 120.0 (Maximum)			145.8 (Minimum) 160.4 (Nominal) 175.0 (Maximum)			150.0 (Minimum) 165.0 (Nominal) 180.0 (Maximum)	

Before: 14−Jul−2009 15:00

Company:	**CDEX**
Well:	**C0009A**
Field:	**Kumanonada, Offshore Kii peninsula**
Rig:	**Chikyu**
Country:	**JAPAN**

Schlumberger

MDT Dual Packer & Single Probe (Stress Test)
2811.0m − 3622.0m
Suite 1, Run 3 (station log)