

Company: ROC OIL.

Well: Basker 5

Field: Basker

Rig: Ocean Patriot

Country: Australia

**Production Services Platform
Flo-View – Production Log
17-June-2009**

Rig: Ocean Patriot
Field: Basker
Location: VIC/L26
Well: Basker 5
Company: ROC Oil.

LOCATION	
VIC/L26	Elev.: K.B. 21.50 m
Northing : 5,759,541.6m	G.L. -155.50 m
Easting : 649,229.0m	D.F. 21.50 m
Permanent Datum: _____	Elev.: 0.00 m _____
Log Measured From: R.T _____	21.50 m above Perm. Datum
Drilling Measured From: R.T _____	

State: Victoria	Max. Well Deviation 33.18 deg	Longitude 148°42'23.80"E
		Latitude 038°17'59.33"S

Logging Date: 17-Jun-2009

Run Number: 2

Depth Driller: 3560 m

Schlumberger Depth: 3522 m

Bottom Log Interval: 3521.5 m

Top Log Interval: 3190 m

Casing Fluid Type: Production Fluid

Salinity: _____

Density: _____

Fluid Level: 1.75 lbm/gal

BIT/CASING/TUBING STRING

Bit Size: 12.250 in

From: 1001.2 m

To: 3640 m

Casing/Tubing Size: 9.625 in

Weight: 53.5 lbm/ft

Grade: L-80

From: 78.35 m

To: 3589.52 m

Maximum Recorded Temperatures: 252 degF

Logger On Bottom: 18-Jun-2009

Unit Number: 1909

Recorded By: S Gilbert, J Hollingworth

Witnessed By: Ivan Parkhurst

PVT DATA

Oil Density	Run 1	Run 2	Run
Water Salinity			
Gas Gravity	1		
Bo			
Bw			
1/Bg			
Bubble Point Pressure	0 psi		
Bubble Point Temperature	0 degF		

Solution GOR: _____

Maximum Deviation: 33.18 deg

CEMENTING DATA

Primary/Squeeze: Primary

Casing String No: _____

Lead Cement Type: _____

Volume: _____

Density: _____

Water Loss: _____

Additives: _____

Tail Cement Type: _____

Volume: _____

Density: _____

Water Loss: _____

Additives: _____

Expected Cement Top: _____

Logging Date: _____

Run Number: _____

Depth Driller: _____

Schlumberger Depth: _____

Bottom Log Interval: _____

Top Log Interval: _____

Casing Fluid Type: _____

Salinity: _____

Density: _____

Fluid Level: _____

BIT/CASING/TUBING STRING

Bit Size: _____

From: _____

To: _____

Casing/Tubing Size: _____

Weight: _____

Grade: _____

From: _____

To: _____

Maximum Recorded Temperatures: _____

Logger On Bottom: _____

Unit Number: _____

Recorded By: _____

Witnessed By: _____

DEPTH SUMMARY LISTING

Date Created: 18-JUN-2009 8:41:07

Depth System Equipment

Depth Measuring Device	Tension Device	Logging Cable
Type: IDW-E Serial Number: 6631 Calibration Date: 18-May-2009 Calibrator Serial Number: 30 Calibration Cable Type: 2-32ZT Wheel Correction 1: -1 Wheel Correction 2: -1	Type: CMTD-B/A Serial Number: 1133 Calibration Date: 6-Jun-09 Calibrator Serial Number: 1172 Number of Calibration Points: 9 Calibration RMS: 174 Calibration Peak Error: 283	Type: 2-32ZT Serial Number: 207309 Length: 6600 M Conveyance Method: Wireline Rig Type: Offshore Floater with WMC

Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	SLB Open hole Log
Reference Log Run Number:	
Reference Log Date:	28-Mar-2006

Depth Control Remarks

1. IDW Used as primary depth control.
2. Z-chart used as backup
3.
4.
5.
6.

DISCLAIMER

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OTHER SERVICES1 OS1: MPLT OS2: OS3: OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Objective: Run Gamma-Ray, Pressure, Temperature, Density, DEFT, Caliper and Fullbore Spinner Survey to determine if there's cross flow in the well. 6 Static passes are to be completed between the intervals 3190m to 3510m MDRT at 2000ft/hr up/down, 4000ft/hr up/down and 6000ft/hr up/down.	
Station logs to be completed @ 3330m and 3210m MDRT	
Well Correlated to Schlumberger Open hole log Dated 28-Mar-2006	
Maximum Well ID Deviation = 33.18 deg	
2.675" Dummy Plug ran with MPLT on SLB Slick line prior to the Job	

PBMS PSTC — 3.78

PILS-A 957
PILS-A 957

3.78

Spinner — 3.29

PGMC-B 1925
PGMC-B 1925
Accelero
PSOI_Gradio 875

3.01

ACCE
Gradioman — 2.55

PGMC — 1.57

PFCS-A 1982

1.57

Spinner 4.5
Holdup Probes 1982
Relative Bearing 1982
Caliper 1982
PFCC-A 1982
PFCH-A 1982

PFCS Spin
PFCS Cali
PFCS Prob
PFCS Wave HV
PFCS Rela
PFCS Cart
Tension

TOOL ZERO

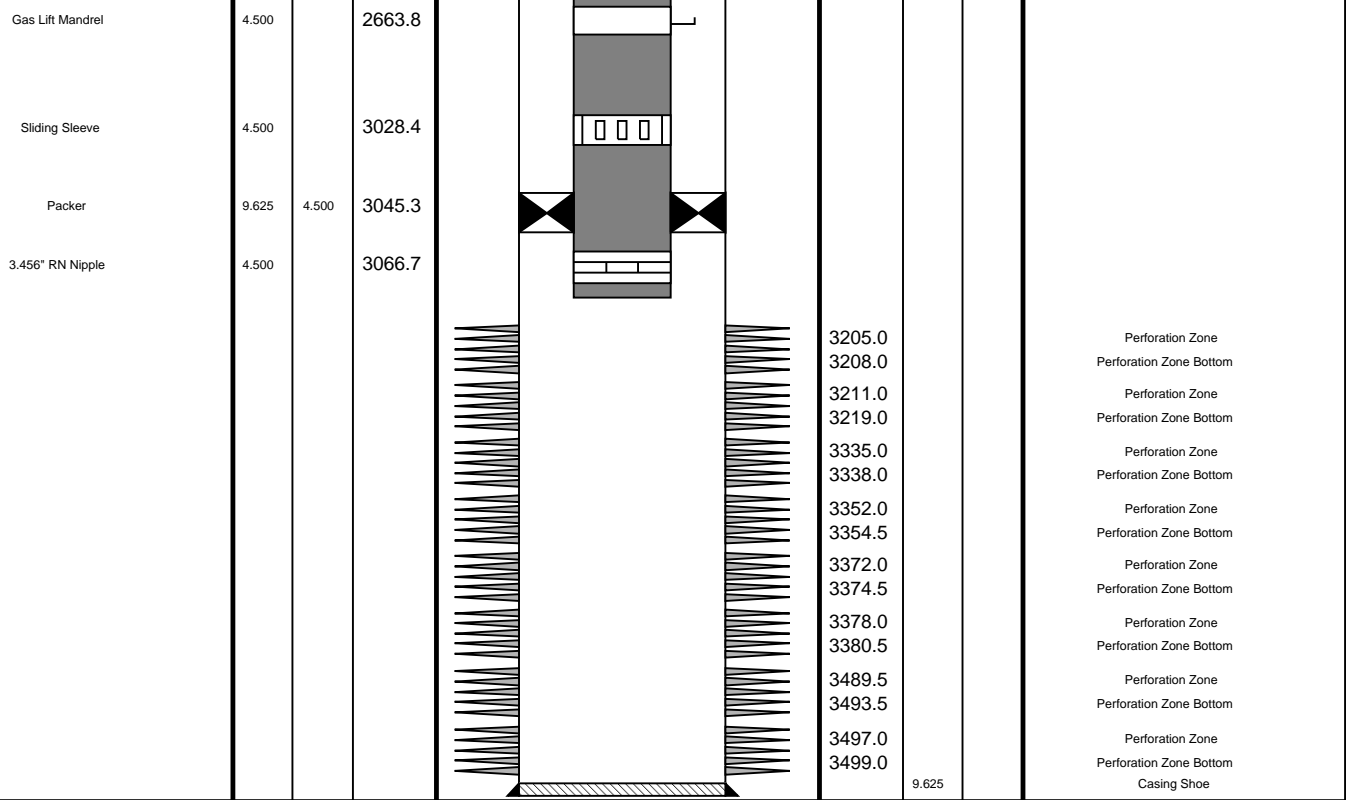
MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: ROC Oil
Well: Basker 5
Field: Basker
State: Victoria
Country: Australia

Drawing Date: 6/17/2009

Rig Name: Ocean Patriot
Reference Datum: Mean Sea Level
Elevation: 21.5 m

Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
			21.5					
			21.5					
			0.0					
			0.0					
Tubing TRSSV	4.500	4.500	232.3		0.0			Casing String
					1001.2	13.375		Casing Shoe



Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

	Time	Elapsed Time	Depth (M)	File
Before Calibration Completed	17-Jun-2009 22:29			
Log Pass (down)	17-Jun-2009 23:00	002:33	-10.5 - 3167.9	FCS_GMS_ILS_PSP_017LDP
Log Pass (down)	18-Jun-2009 1:42	000:35	3148.4 - 3523.9	FCS_GMS_ILS_PSP_020LDP
Log Pass (up)	18-Jun-2009 2:25	000:05	3523.8 - 3476.9	FCS_GMS_ILS_PSP_023LUP
Log Pass (up)	18-Jun-2009 2:31	000:35	3516.2 - 3165.0	FCS_GMS_ILS_PSP_024LUP
Log Pass (down)	18-Jun-2009 3:06	000:18	3158.0 - 3515.3	FCS_GMS_ILS_PSP_025LDP
Log Pass (up)	18-Jun-2009 3:24	000:18	3515.3 - 3165.7	FCS_GMS_ILS_PSP_026LUP
Log Pass (down)	18-Jun-2009 3:42	000:12	3159.4 - 3515.6	FCS_GMS_ILS_PSP_027LDP
Log Pass (up)	18-Jun-2009 3:54	000:12	3515.4 - 3165.0	FCS_GMS_ILS_PSP_028LUP
Station Log	18-Jun-2009 4:14	000:12	3330.0	FCS_GMS_ILS_PSP_029LTP
Station Log	18-Jun-2009 4:29	000:04	3330.0	FCS_GMS_ILS_PSP_031LTP
Station Log	18-Jun-2009 4:36	000:08	3210.0	FCS_GMS_ILS_PSP_032LTP
Log Pass (up)	18-Jun-2009 4:46	002:05	3210.0 - -9.3	FCS_GMS_ILS_PSP_033LUP

Input DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_043PUP	FN:48	PRODUCER	18-Jun-2009 06:33	3515.4 M	3158.2 M
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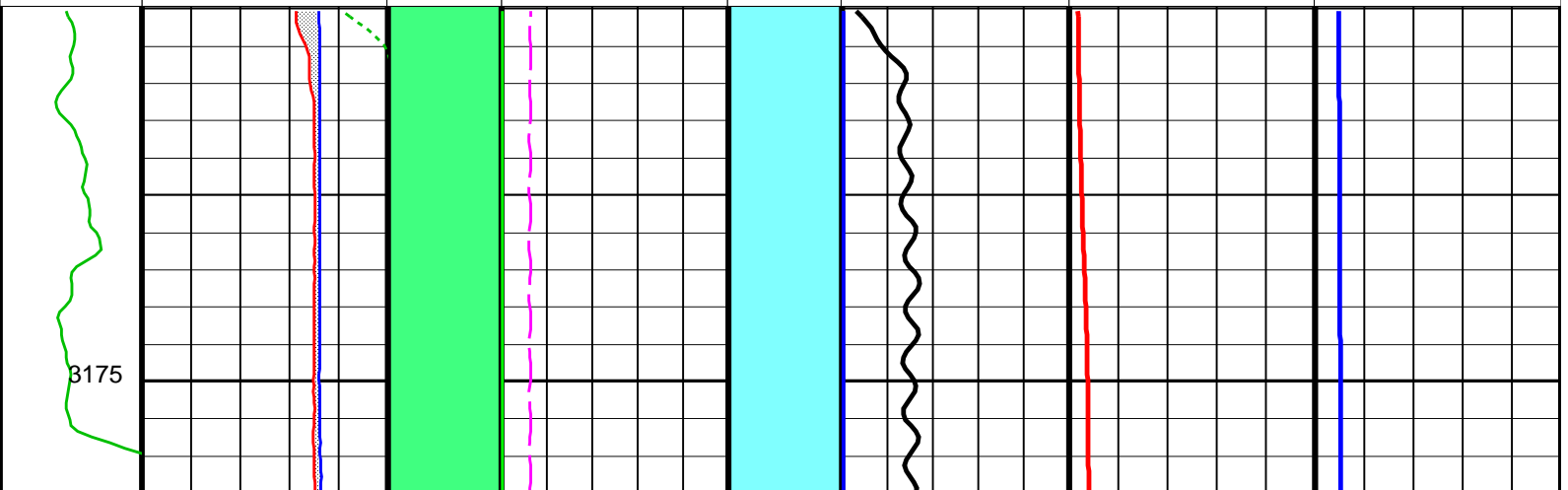
Output DLIS Files

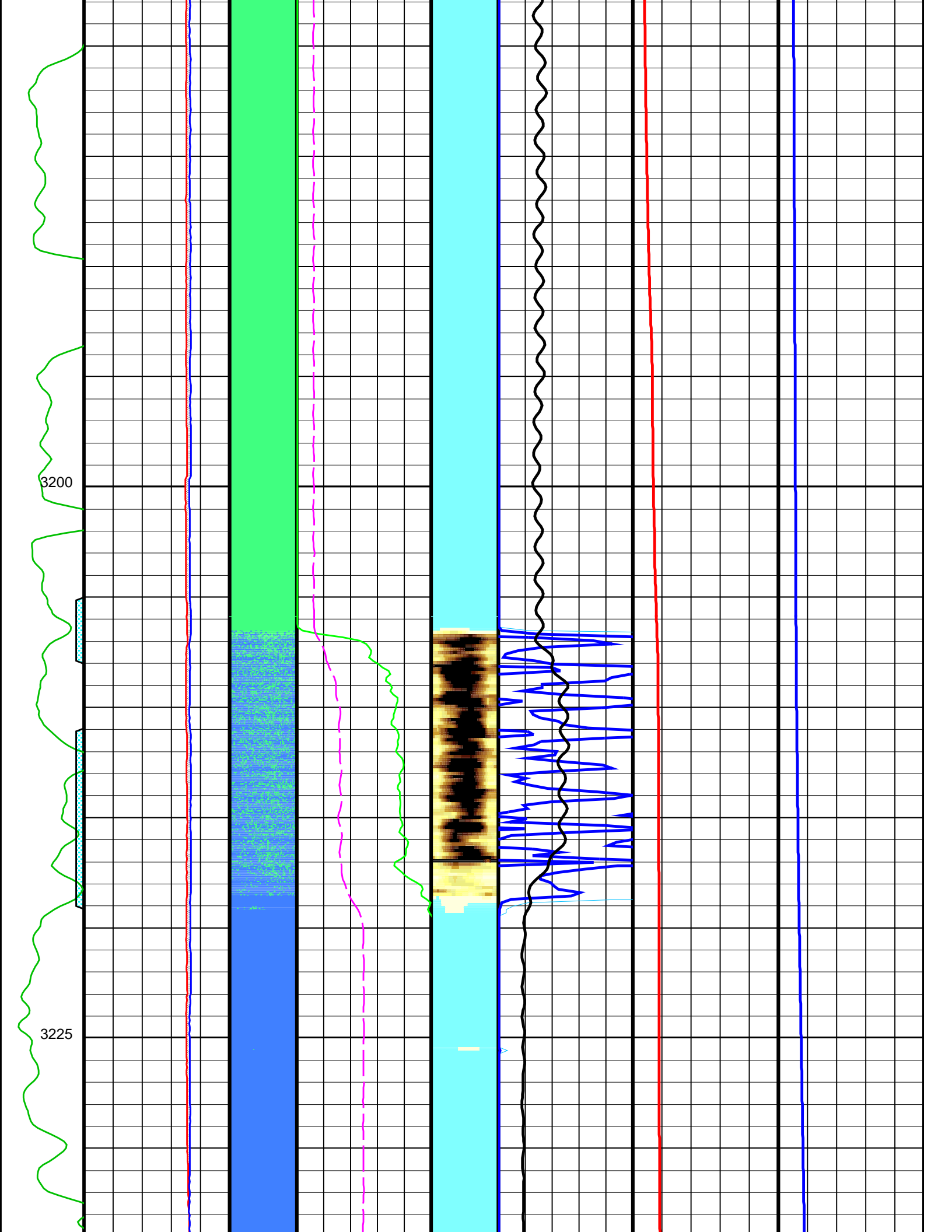
DEFAULT	FCS_GMS_ILS_PSP_076PUP	FN:86	PRODUCER	19-Jun-2009 05:05	3515.4 M	3164.9 M
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OP System Version: 17C0-154

PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

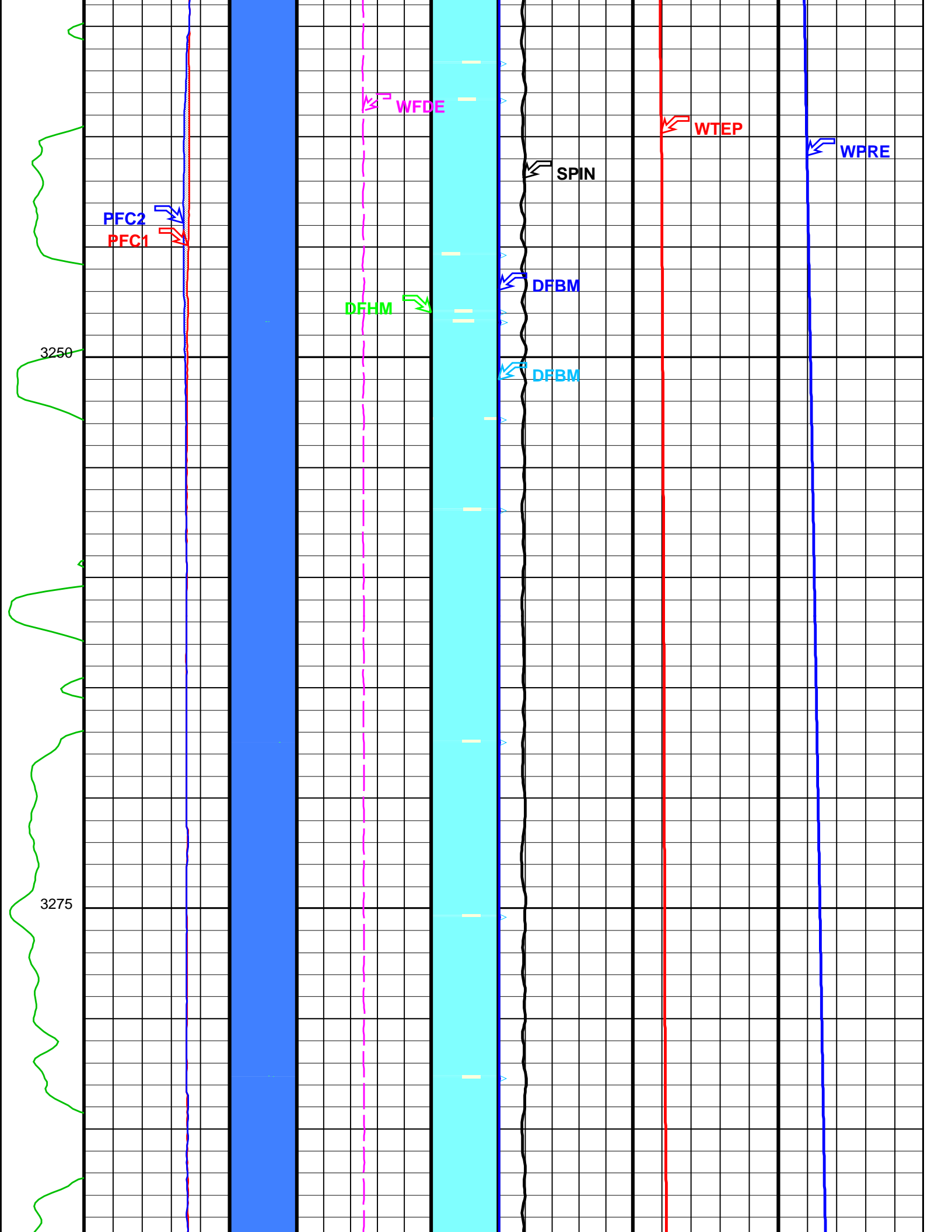
Perfo Zone From PSP/PERF O INTERVAL /CV to D4T	PFCS Caliper Y (PFC2)		Filtered Main Spinner (SPIN)				
	5 (IN) 10		0 (RPS) 20				
Perfo Zone (PIFL)	PFCS Caliper X (PFC1)	Well Fluid Density (WFDE)	Avg BUB count (DFBM)				
20 (----) 0	5 (IN) 10	0 (G/C3) 2	0 (CPS) 100				
GR (GR) (GAPI)	Cable Speed (CS)	Water Holdup Image 2 colors (WATER_HIMAGE_2C)	Avg Holdup (DFHM)	Bub Counts Image 16 colors (DBIMAG E_16C)	Amplified Avg Bubble count (DFBM)	Well Temperature (WTEP)	Well Pressure (WPRE)
0 150	-60 (F/MN) 60	-0.5000 0.5000	0 (----) 1	1.0000 14.2667 27.5333 40.8000 54.0667 67.3333 80.6000 93.8667 107.1330 120.4000 133.6670 146.9330 160.2000 173.4670 186.7330 200.0000	0 (CPS) 10	111 (DEGC) 123	4200 (PSIA) 4700

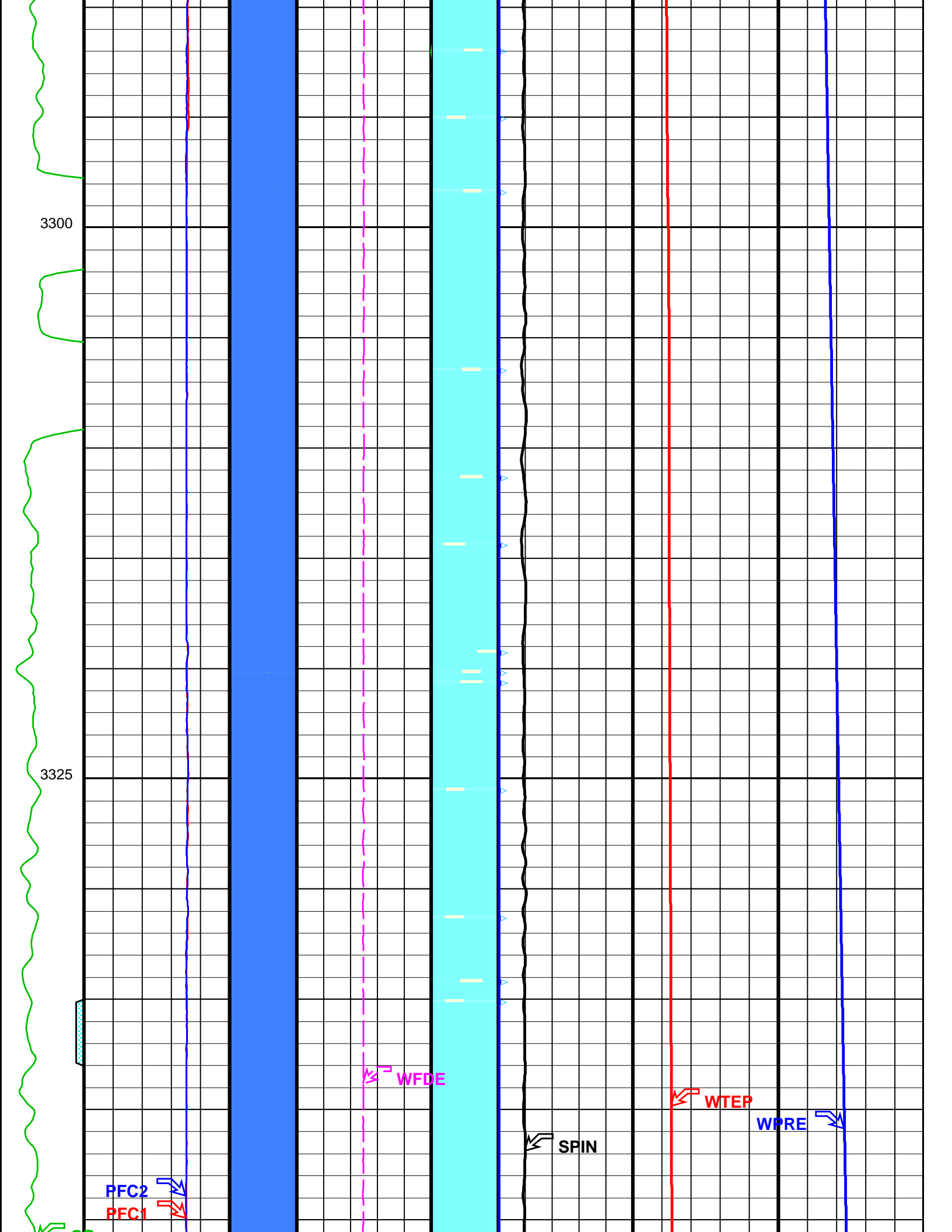




3200

3225





3300

3325

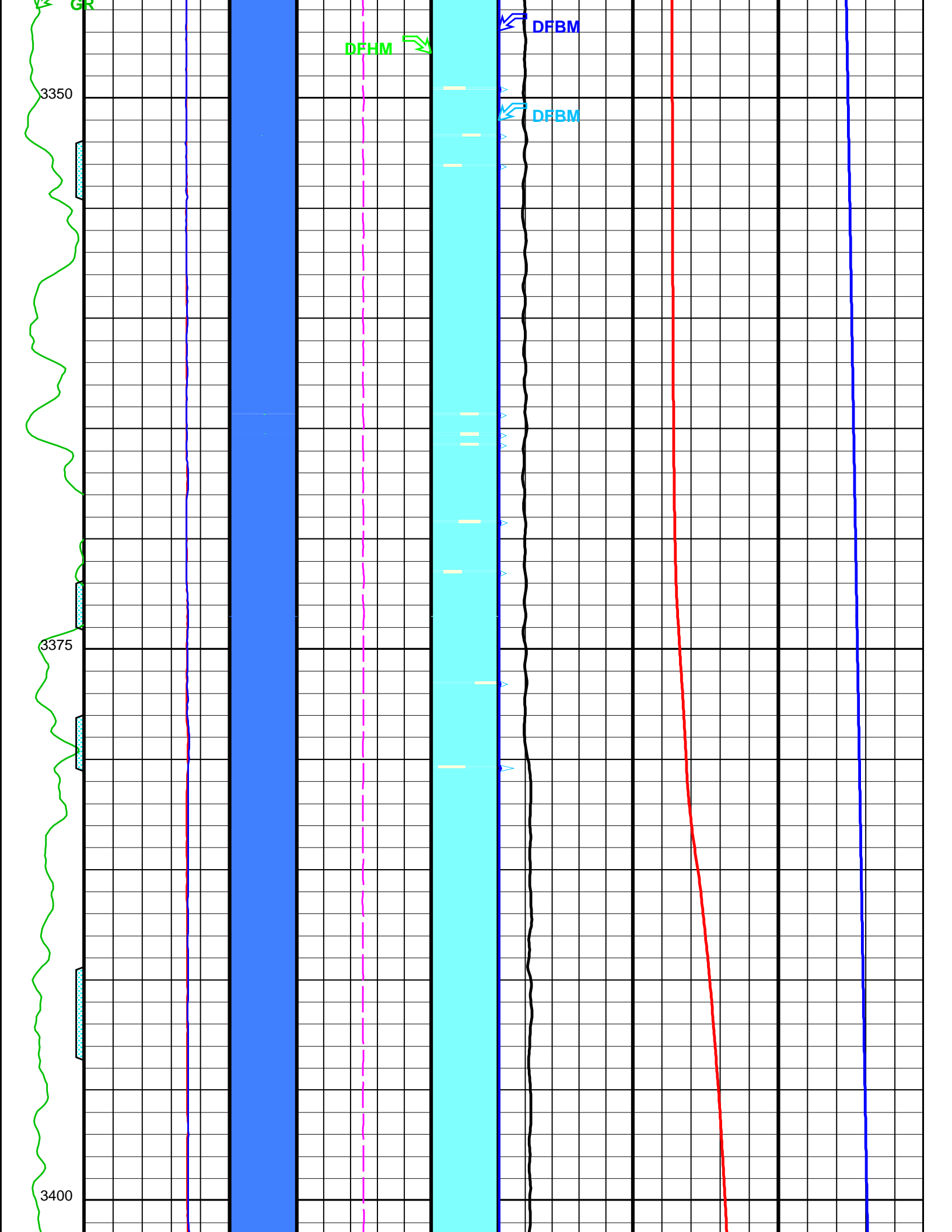
PFC2
PFC1

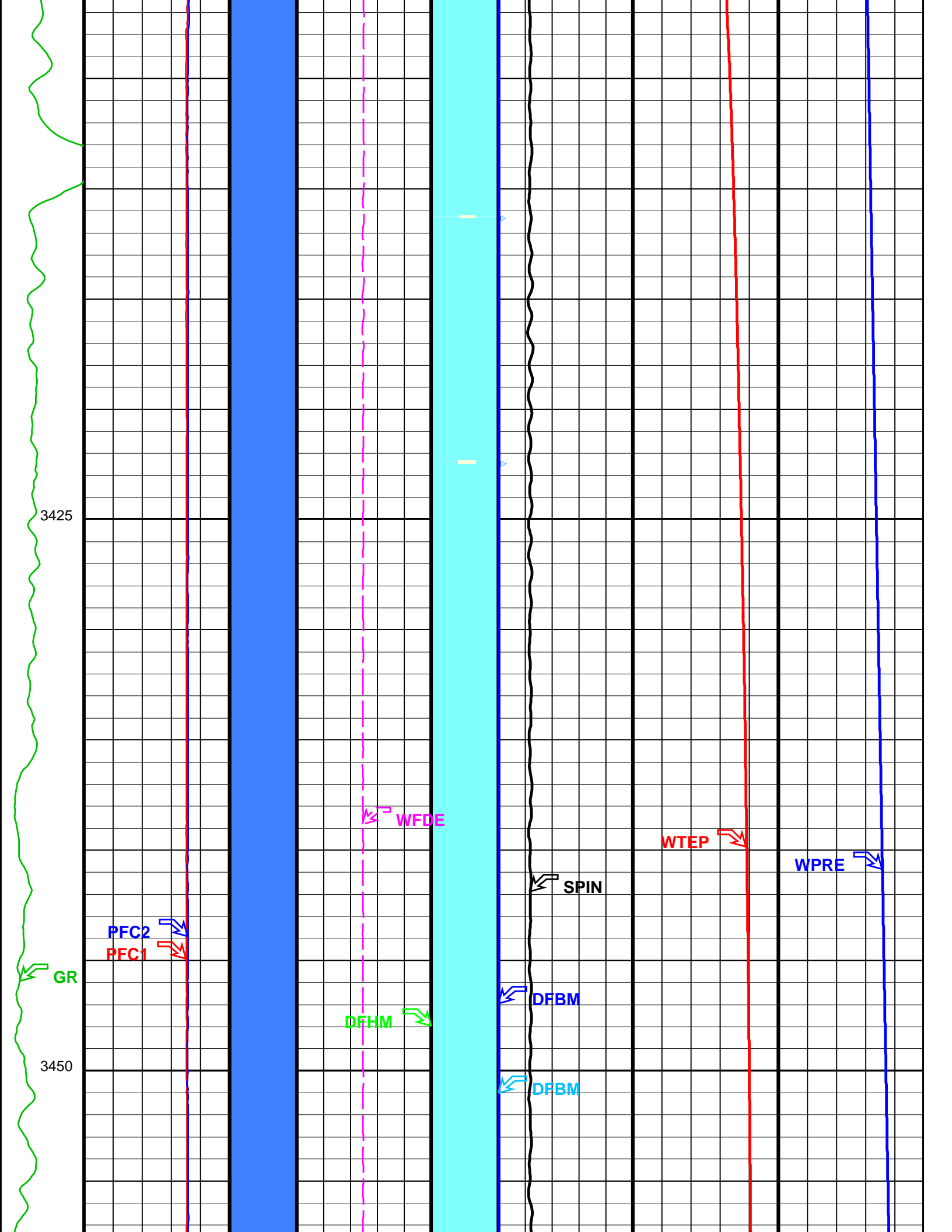
WFDE

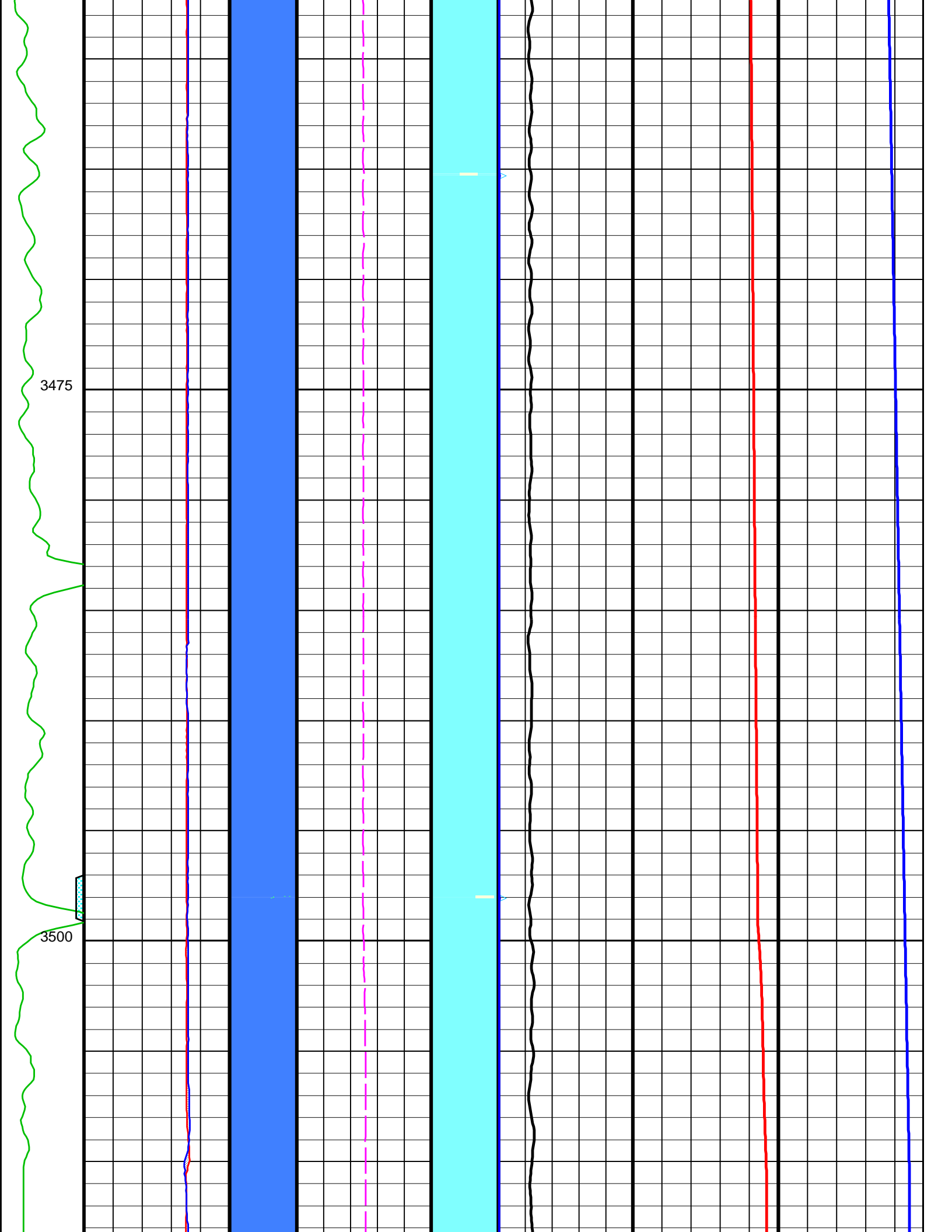
SPIN

WTEP

WPRE

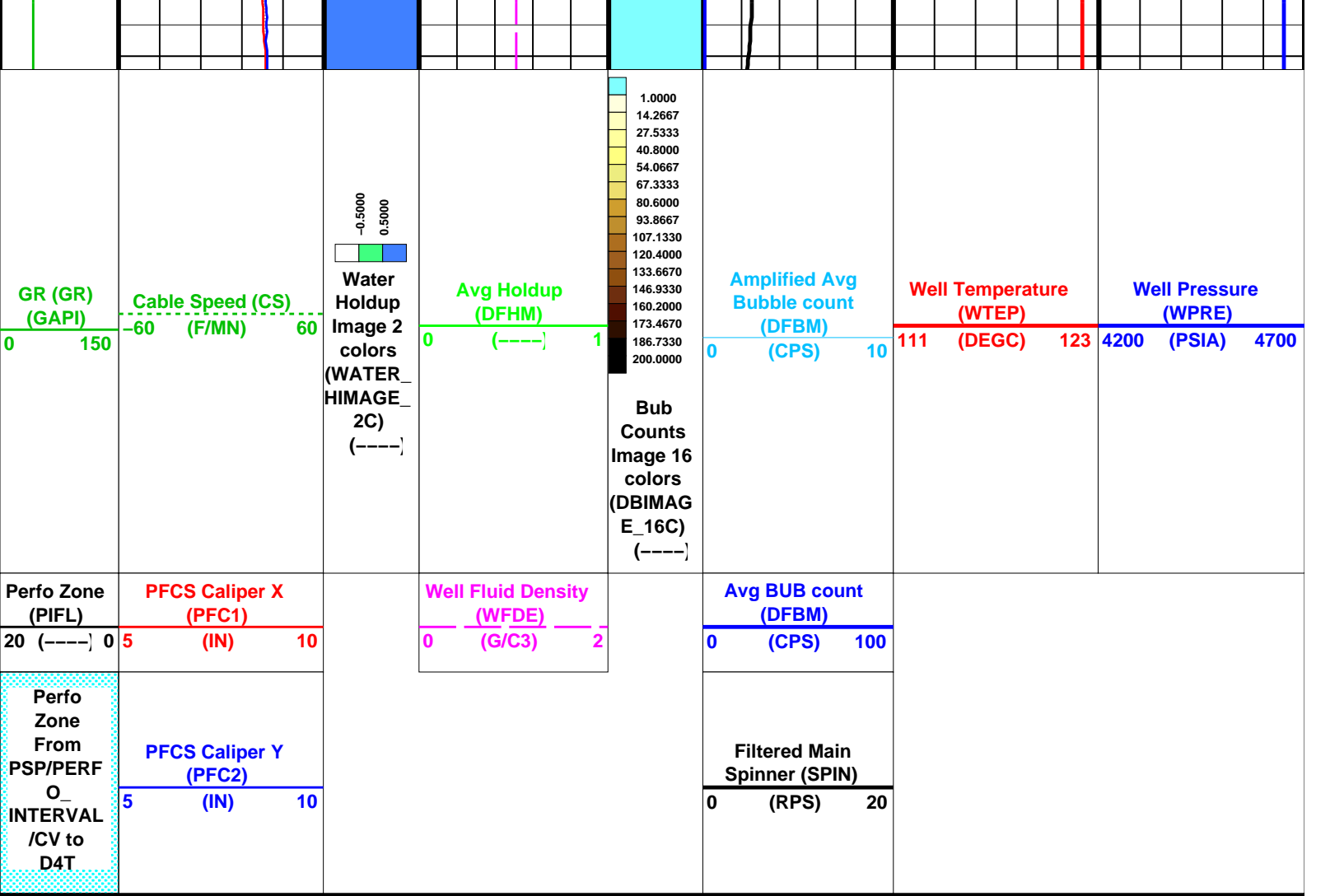






3475

3500



Format: DEFT_Image_DL Vertical Scale: 1:200 Graphics File Created: 19-Jun-2009 05:05

OP System Version: 17C0-154

PFCS-A 17C0-154 PGMC-B 17C0-154
 PILS-A 17C0-154 PSPT-A 17C0-154

Parameters

DLIS Name	Description	Value
PFCS-A: PSP Flow and caliper Tool		
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB
DDRS	Dual DEFT RB Source	D1RB
DFBD	DEFT Blank Disallowed Probes	NO
DFFI	DEFT Flip Image	NO
DFII	DEFT Image Interpolation	YES
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE
GDEV	Average Angular Deviation of Borehole from Normal	20 DEG
SDCF	Spinner Depth Constant Filter	6
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5
PGMC-B: PSP Gradiomanometer Measurement Module		
PDSH	Gradio Correction Density Shift	0 G/C3
PILS-A: PSP In Line Spinner Flowmeter		
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
SDCF	Spinner Depth Constant Filter	6
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5
PSPT-A: Production Services Logging Platform		
GDEV	Average Angular Deviation of Borehole from Normal	20 DEG
System and Miscellaneous		
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	RECOMPUTE

Input DLIS Files

DEFAULT FCS GMS ILS PSP 043PUP FN:48 PRODUCER 18-Jun-2009 06:33 3515.4 M 3158.2 M

Output DLIS Files

DEFAULT FCS_GMS_ILS_PSP_076PUP FN:86 PRODUCER 19-Jun-2009 05:05



Static Log Down @ 400ft/hr

MAXIS Field Log

Company: ROC Oil. Well: Basker 5

Input DLIS Files

DEFAULT Flip_FCS_GMS_ILS_038LUP PRODUCER 18-Jun-2009 05:04 3515.3 M 3158.0 M

Output DLIS Files

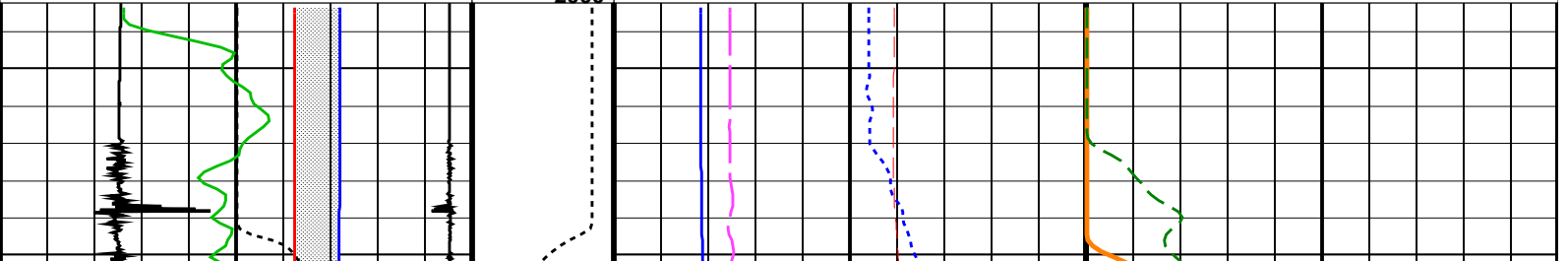
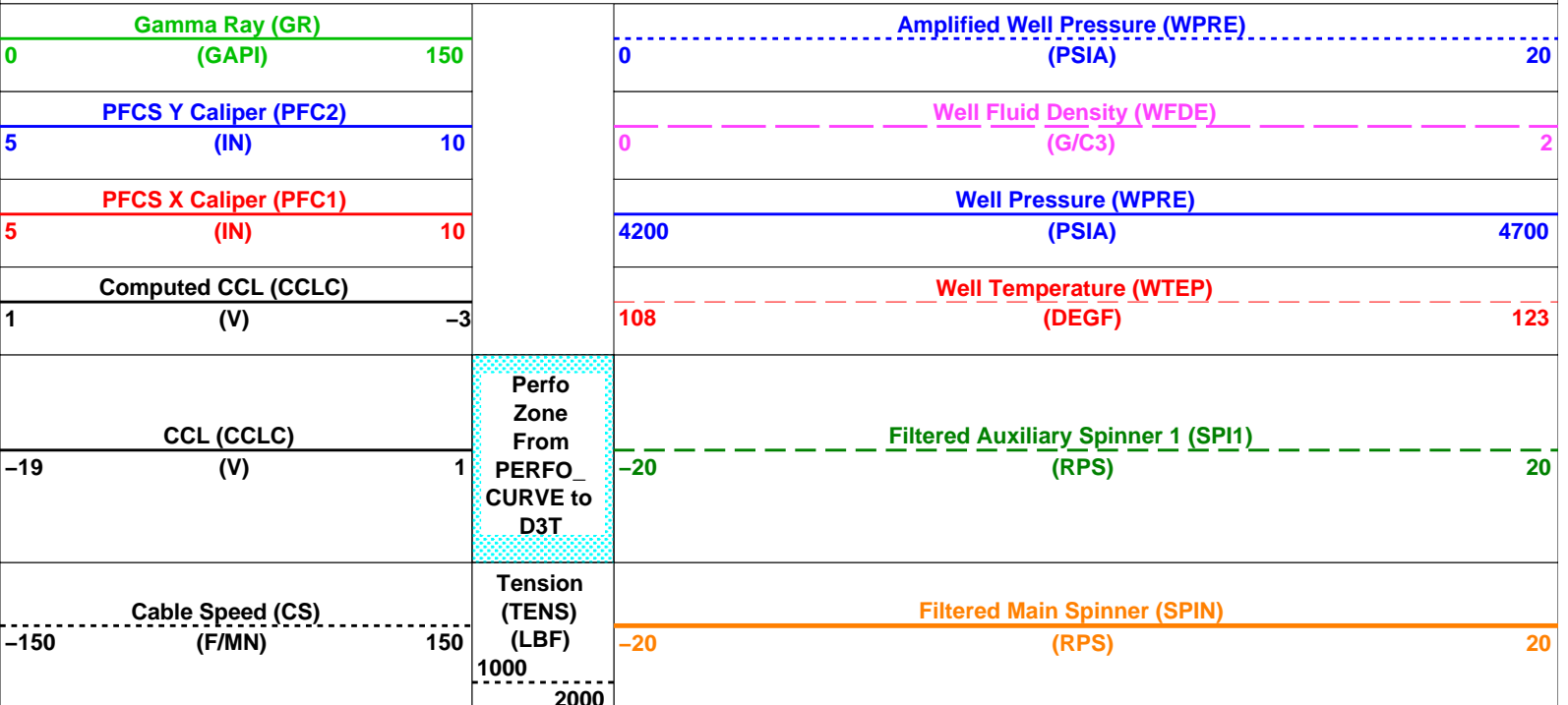
DEFAULT FCS_GMS_ILS_PSP_043PUP FN:48 PRODUCER 18-Jun-2009 05:15 3515.4 M 3158.2 M

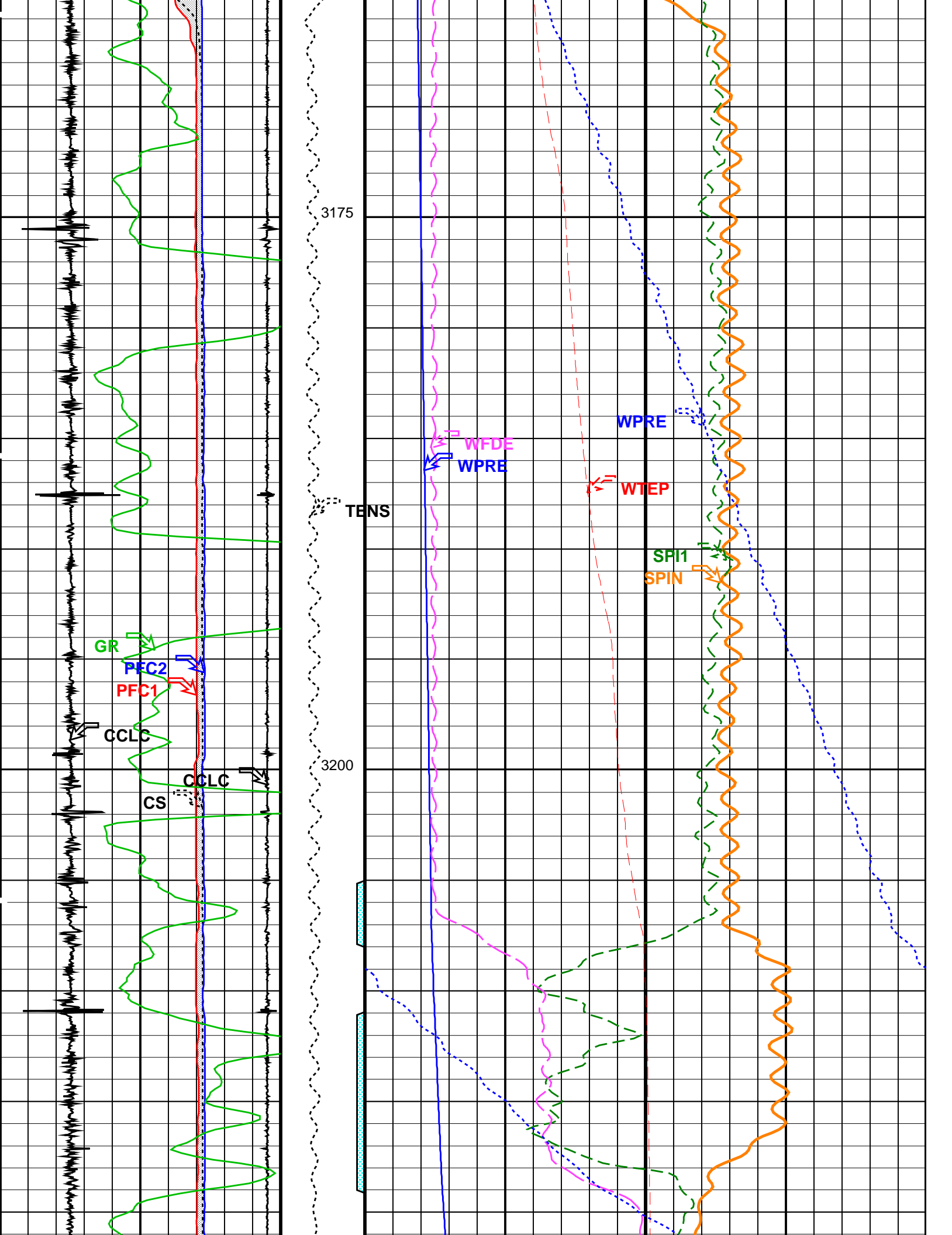
OP System Version: 17C0-154

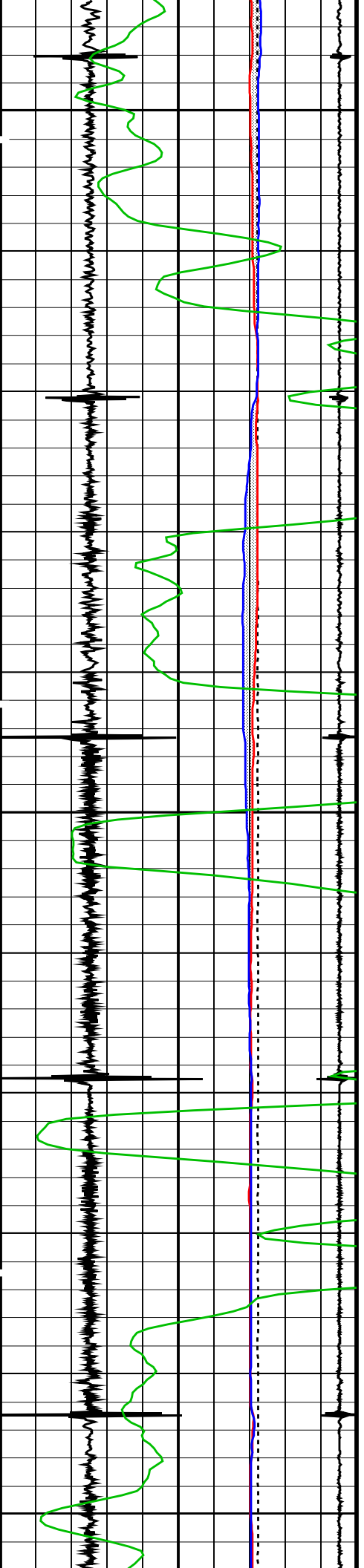
PFCS-A 17C0-154 PGMC-B 17C0-154
 PILS-A 17C0-154 PSPT-A 17C0-154

PIP SUMMARY

Time Mark Every 60 S



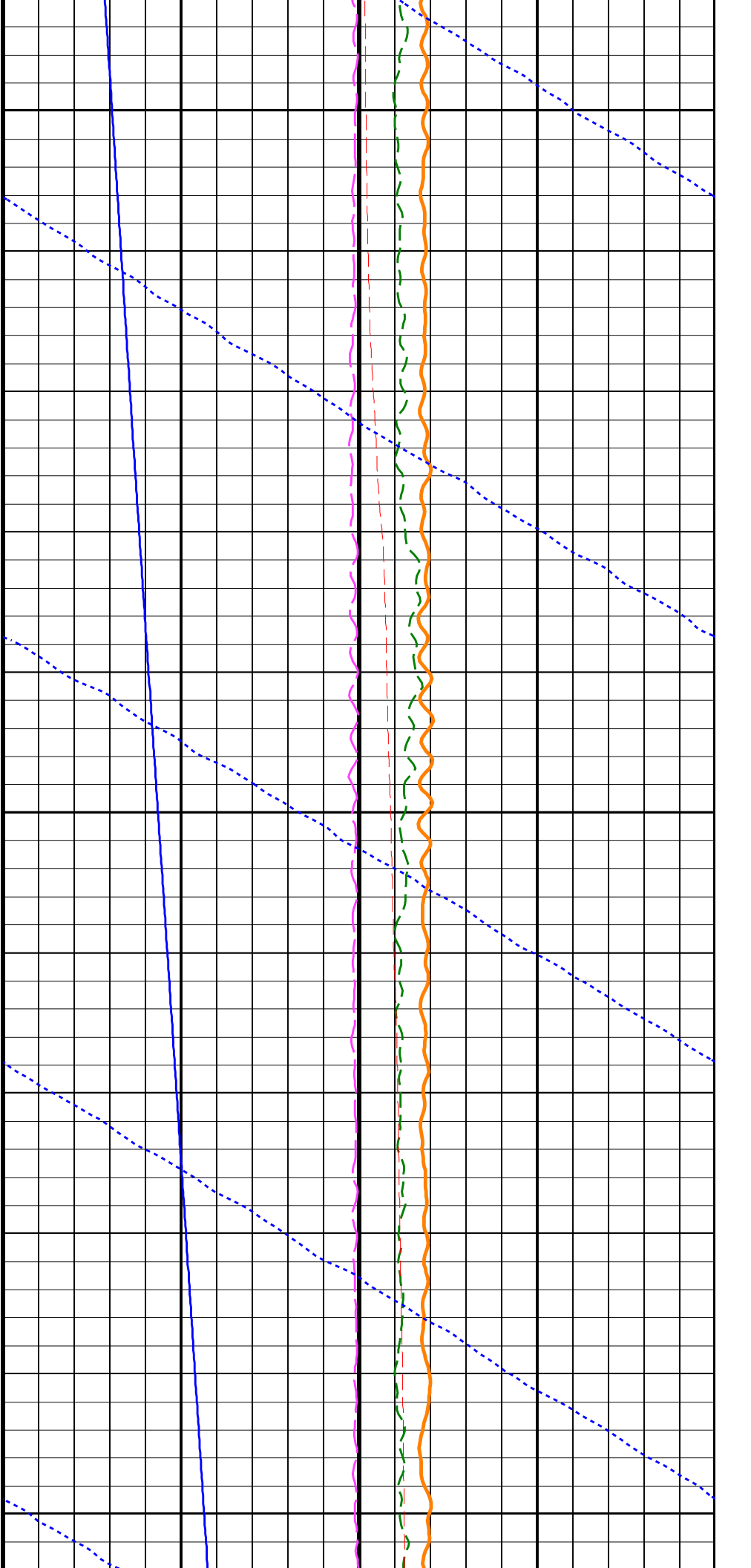


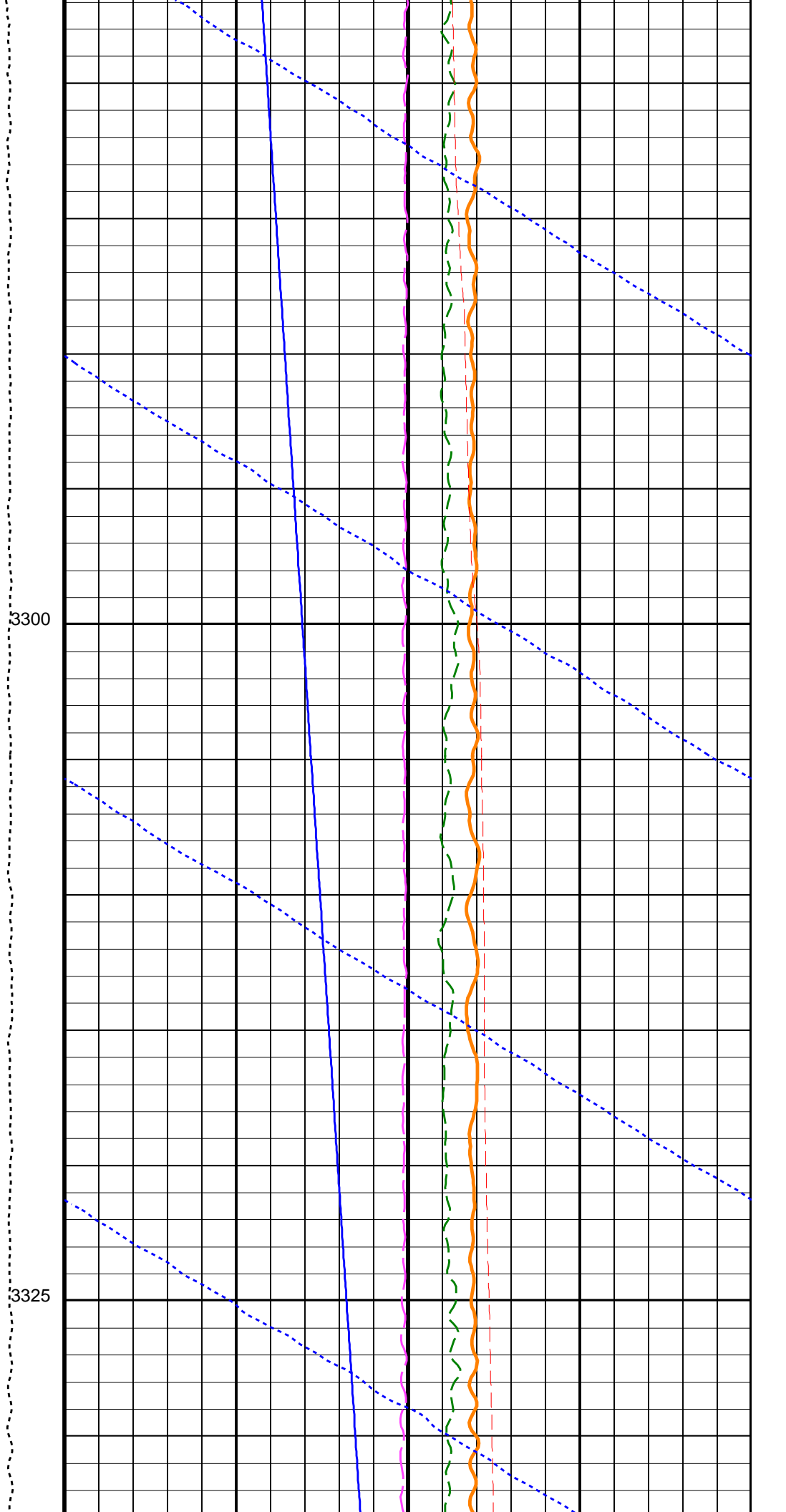
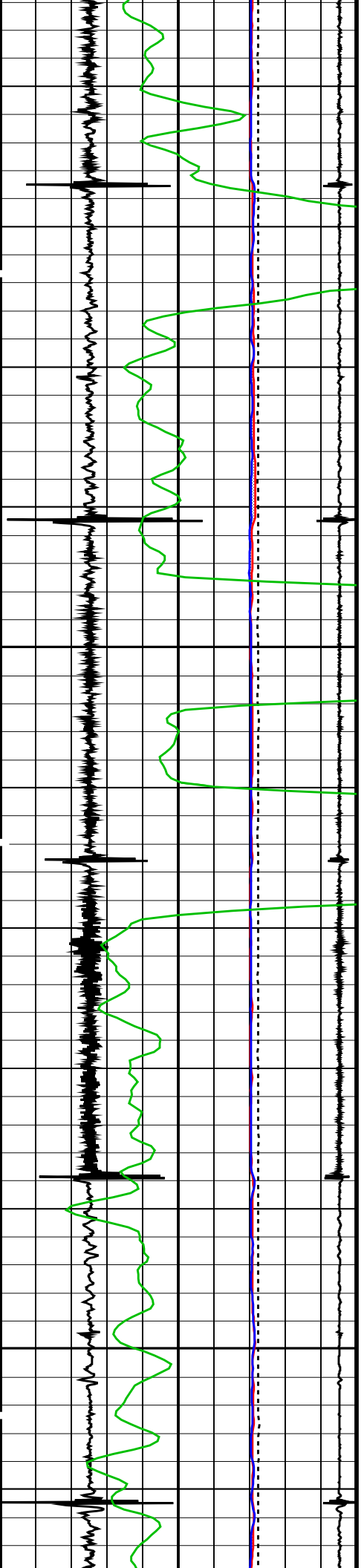


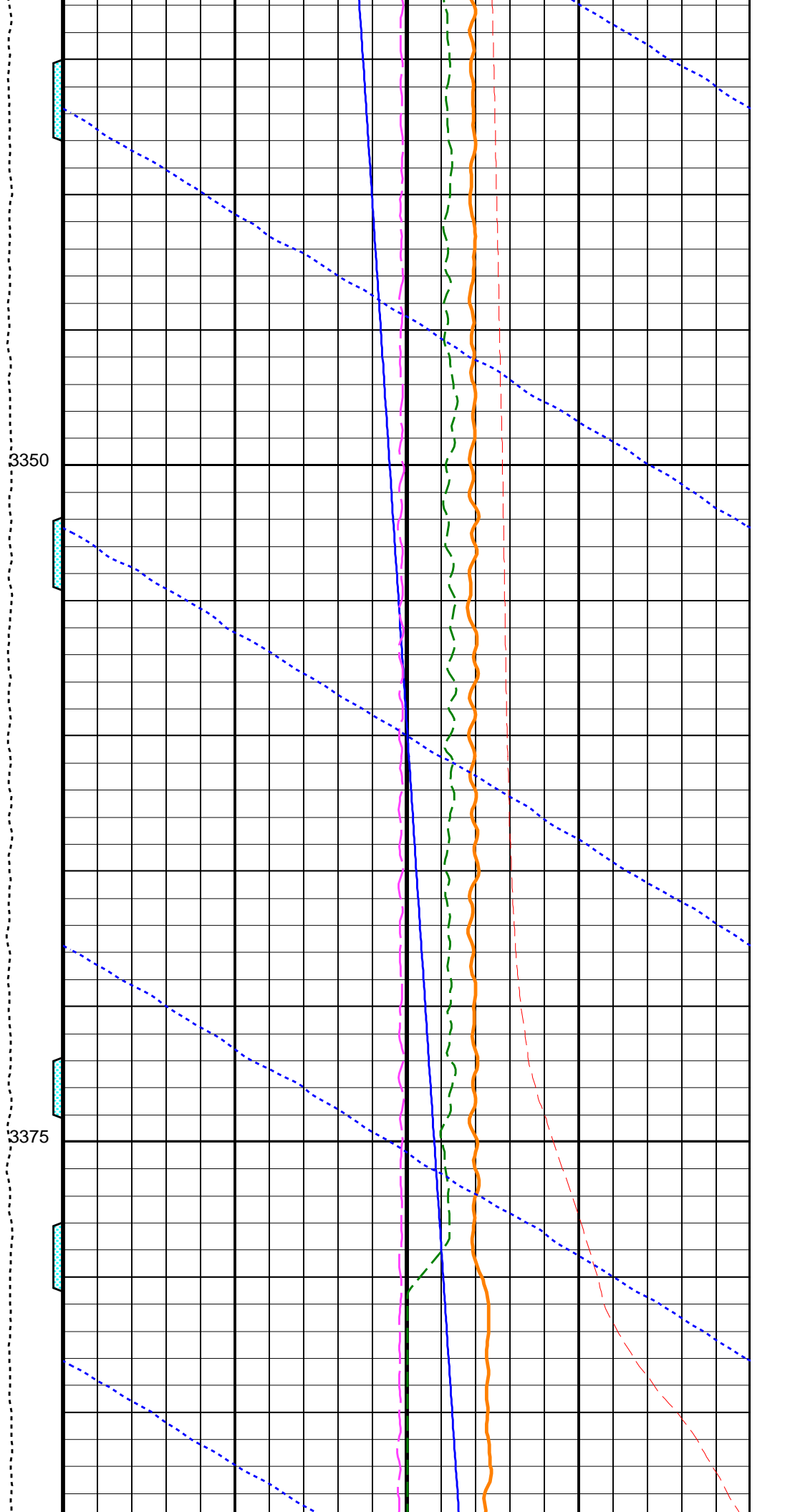
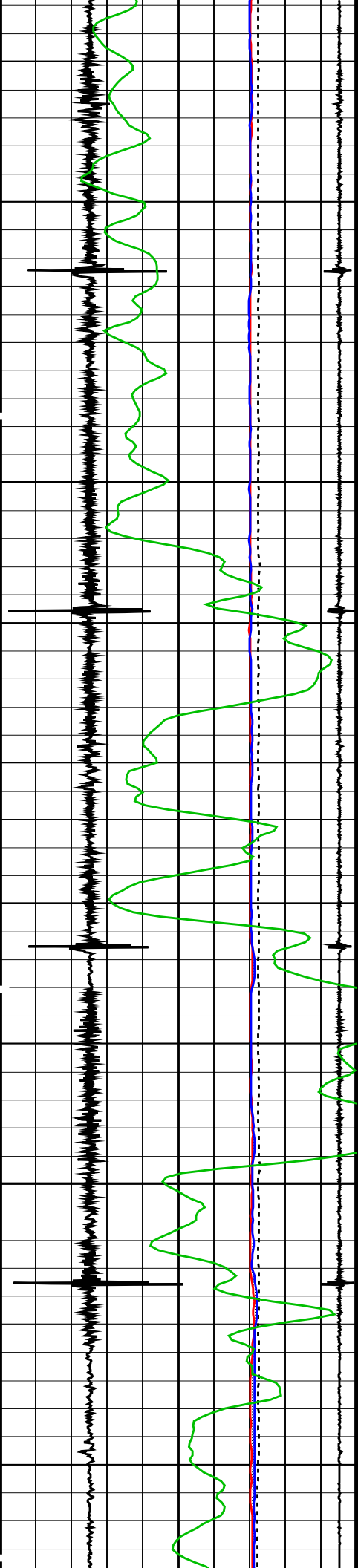
3225

3250

3275

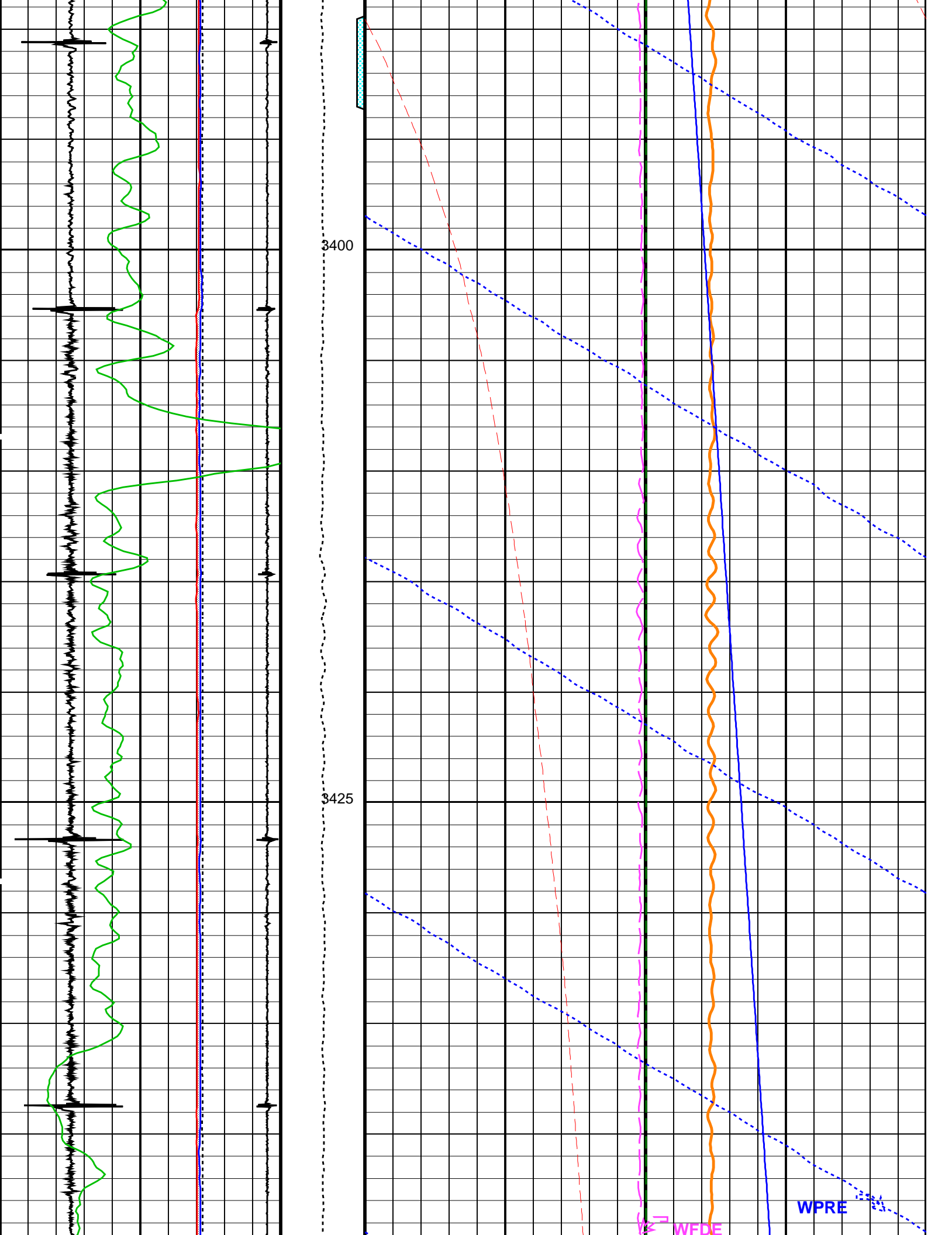


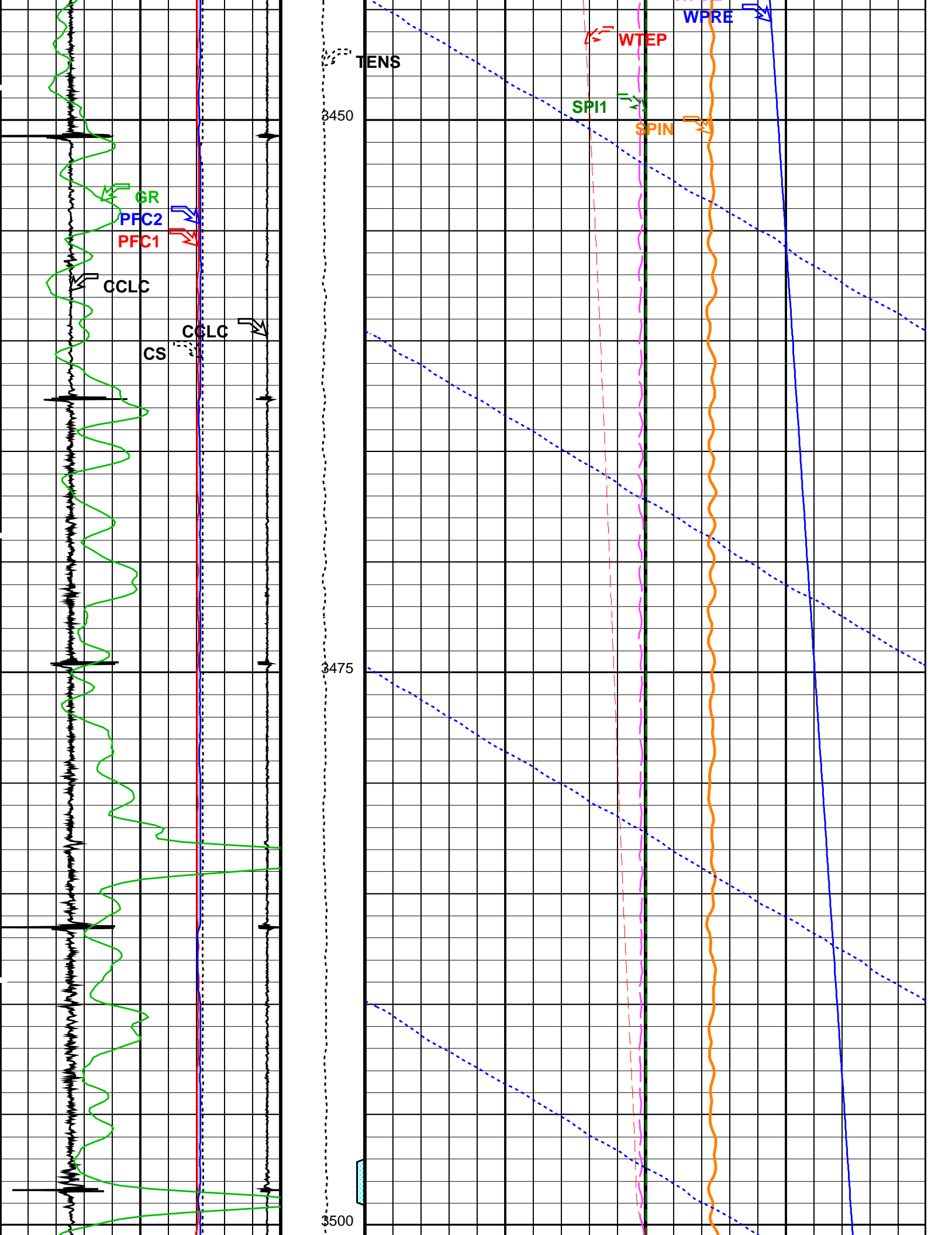


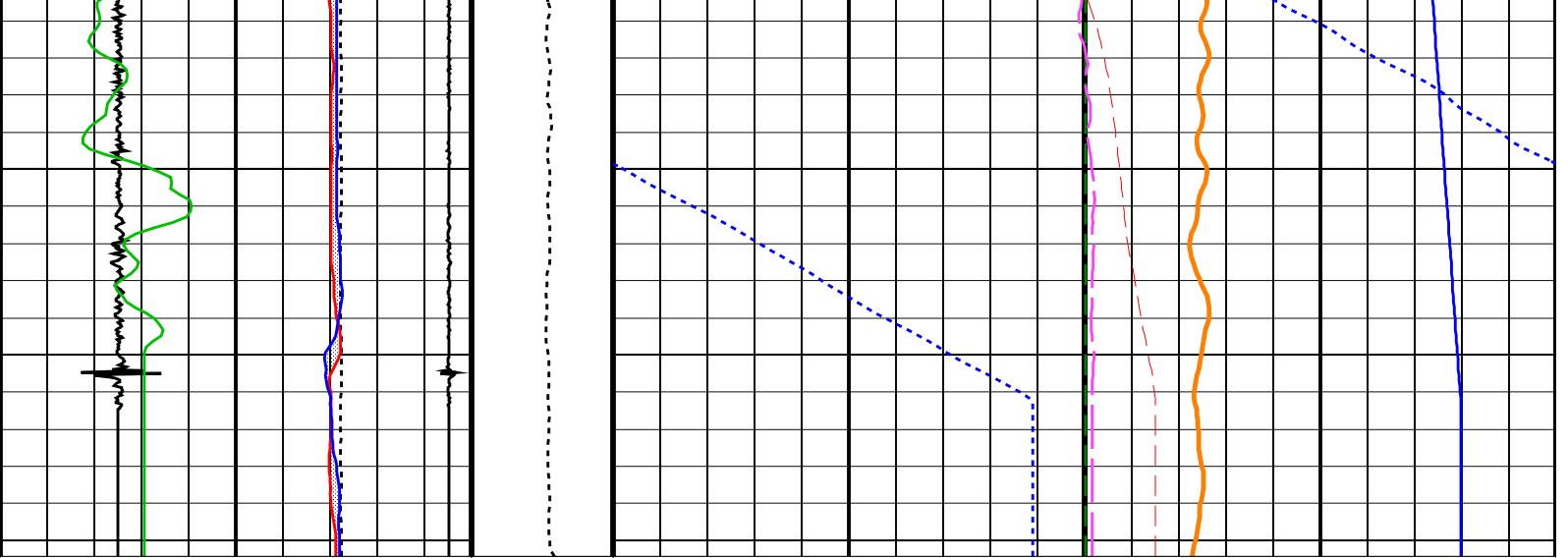


3350

3375







Cable Speed (CS) (F/MN)	-150	150	Tension (TENS) (LBF)	1000	2000	Filtered Main Spinner (SPIN) (RPS)	-20	20
CCL (CCLC) (V)	-19	1	Perfo Zone From PERFO_CURVE to D3T			Filtered Auxiliary Spinner 1 (SPI1) (RPS)	-20	20
Computed CCL (CCLC) (V)	1	-3				Well Temperature (WTEP) (DEGF)	108	123
PFCS X Caliper (PFC1) (IN)	5	10				Well Pressure (WPRE) (PSIA)	4200	4700
PFCS Y Caliper (PFC2) (IN)	5	10				Well Fluid Density (WFDE) (G/C3)	0	2
Gamma Ray (GR) (GAPI)	0	150				Amplified Well Pressure (WPRE) (PSIA)	0	20

PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200

Graphics File Created: 18-Jun-2009 05:15

OP System Version: 17C0-154

PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

Parameters

DLIS Name	Description	Value
PFCS-A:	PSP Flow and caliper Tool	
	Bubbles image range maximum	1500
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
GDEV	Average Angular Deviation of Borehole from Normal	20 DEG
SDCF	Spinner Depth Constant Filter	6
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5
PGMC-B:	PSP Gradiomanometer Measurement Module	
PDSH	Gradio Correction Density Shift	0 G/C3
PILS-A:	PSP In Line Spinner Flowmeter	
	Spinner Filter Averaging Mode	LINEAR_AVERAGE
AMOD	Spinner Depth Constant Filter	6
SDCF	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A
SPI1	Main Spinner Flowmeter Sonde	PFCS-A_4.5
SPIN		
PSPT-A:	Production Services Logging Platform	

Input DLIS Files

DEFAULT Flip_FCS_GMS_ILS_038LUP PRODUCER 18-Jun-2009 05:04 3515.3 M 3158.0 M

Output DLIS Files

DEFAULT FCS_GMS_ILS_PSP_043PUP FN:48 PRODUCER 18-Jun-2009 05:15

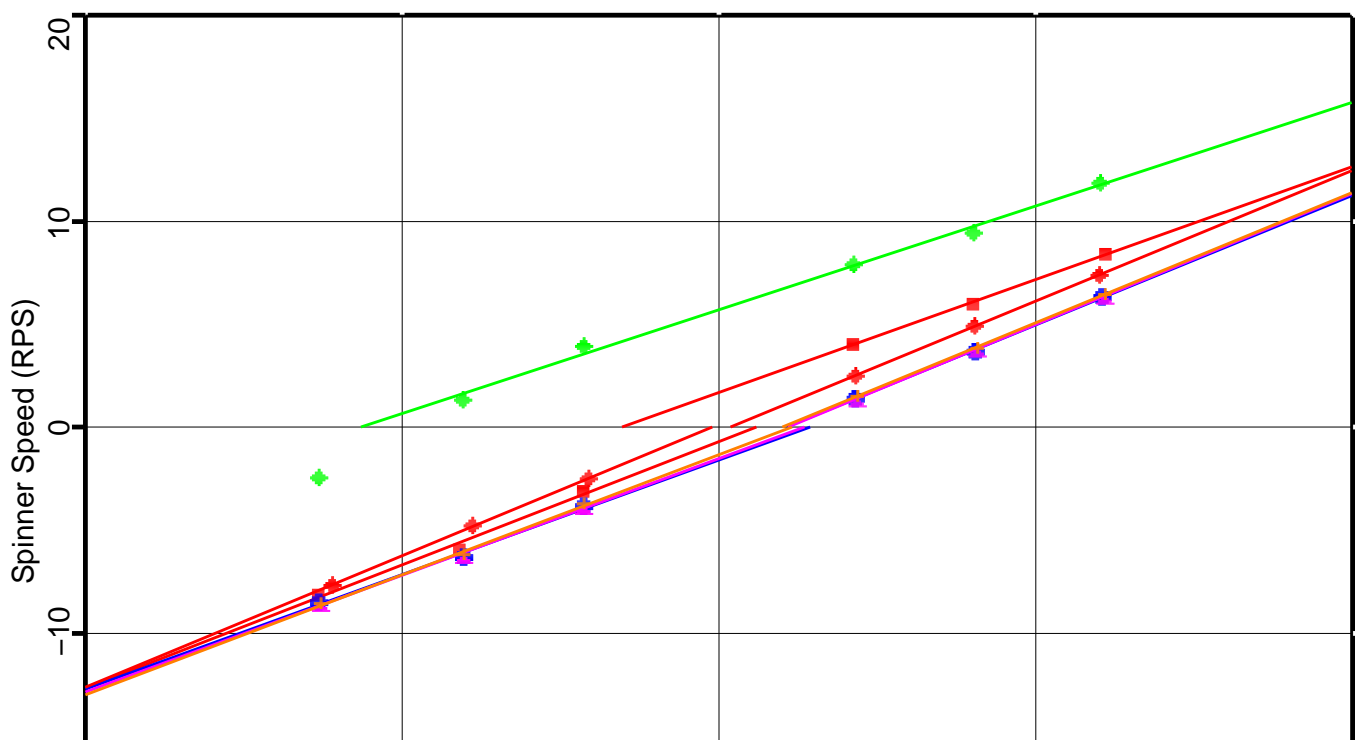


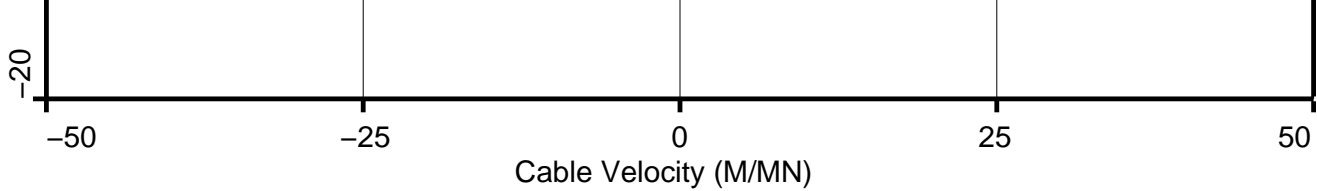
Spinner Calibration

MAXIS Field Log

Production Logging Quicklook Spinner Calibration

	Zone Depth (M)	Fluid Vel. (M/MN)	Positive Spinner			Negative Spinner		
			Slope (RSMM)	Intercept (M/MN)	Correl.	Slope (RSMM)	Intercept (M/MN)	Correl.
■	Zone 1 3200.0 – 3175.0 :	0.5	0.2199	-7.6	0.999	0.239	3	0.994
◆	Zone 2 3214.0 – 3211.0 :	23.6	0.2018	-28.2	0.998			
●	Zone 3 3330.0 – 3225.0 :	-5.5	0.2519	5.3	1	0.2216	7.2	0.996
▲	Zone 4 3350.0 – 3340.0 :	-5.3	0.2545	5.5	1	0.2255	6.8	0.999
†	Zone 5 3369.0 – 3357.0 :	-4.6	0.2533	5	1	0.2324	5.8	0.998
◆	Zone 7 3510.0 – 3500.0 :	0	0.2545	1	1	0.2544	-0.5	1





Merged Static Spinner Survey

MAXIS Field Log

Company: ROC Oil. Well: Basker 5

PLQL Passes Summary
Pass # 1: Src: PLQL_CS, Log: DOWN , Avg.CS: 10 M/MN
Pass # 2: Src: PLQL_CS, Log: UP , Avg.CS: 10 M/MN
Pass # 3: Src: PLQL_CS, Log: DOWN , Avg.CS: 20 M/MN
Pass # 4: Src: PLQL_CS, Log: UP , Avg.CS: 20 M/MN
Pass # 5: Src: PLQL_CS, Log: DOWN , Avg.CS: 30 M/MN
Pass # 6: Src: PLQL_CS, Log: UP , Avg.CS: 31 M/MN

Company: ROC Oil. Well: Basker 5

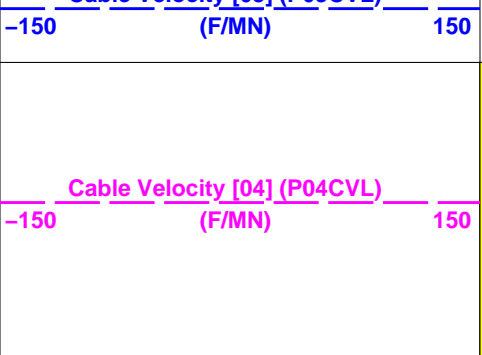
Company: ROC Oil. Well: Basker 5

Input DLIS Files						
DEFAULT	FCS_GMS_ILS_PSP_037PUP	FN:47	PRODUCER	18-Jun-2009 07:15	3515.3 M	3168.1 M
Output DLIS Files						
DEFAULT	FCS_GMS_ILS_PSP_040PUP	FN:50	PRODUCER	18-Jun-2009 09:50	3515.3 M	3168.1 M

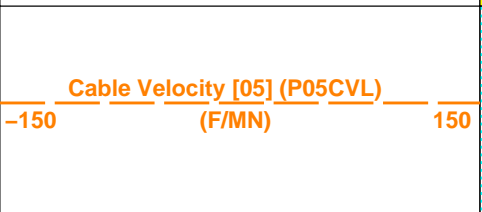
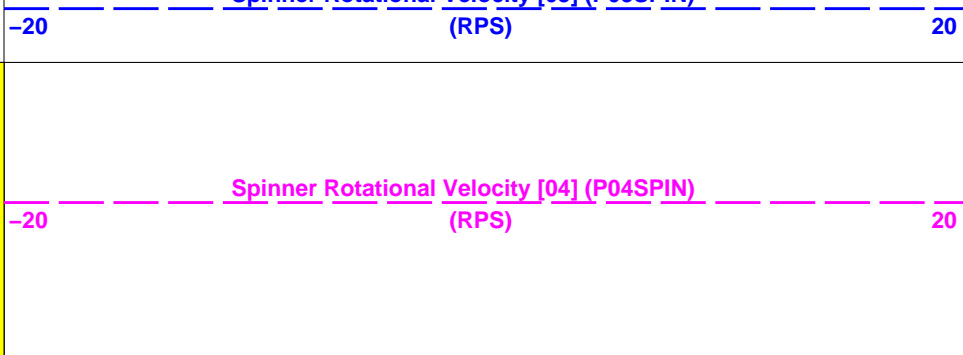
OP System Version: 17C0-154			
PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

Gamma-Ray [01] (P01LGR) 0 (GAPI) 150
CCL [01] (P01CCL) -19 (V) 1
Cable Velocity [01] (P01CVL) -150 (F/MN) 150
Cable Velocity [02] (P02CVL) -150 (F/MN) 150
Cable Velocity [03] (P03CVL)

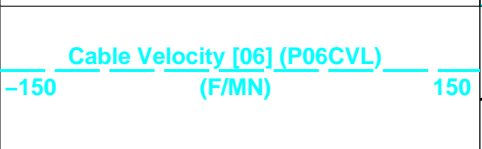
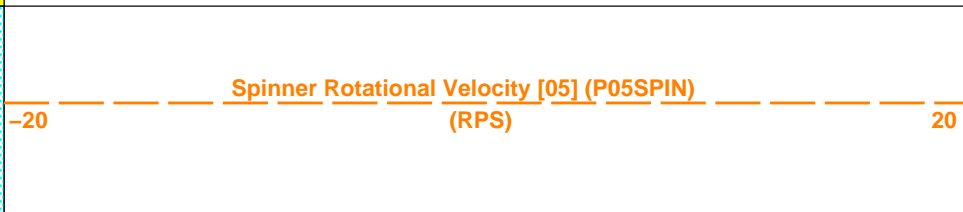
Spinner Rotational Velocity [01] (P01SPIN) -20 (RPS) 20
Spinner Rotational Velocity [02] (P02SPIN) -20 (RPS) 20
Spinner Rotational Velocity [03] (P03SPIN)



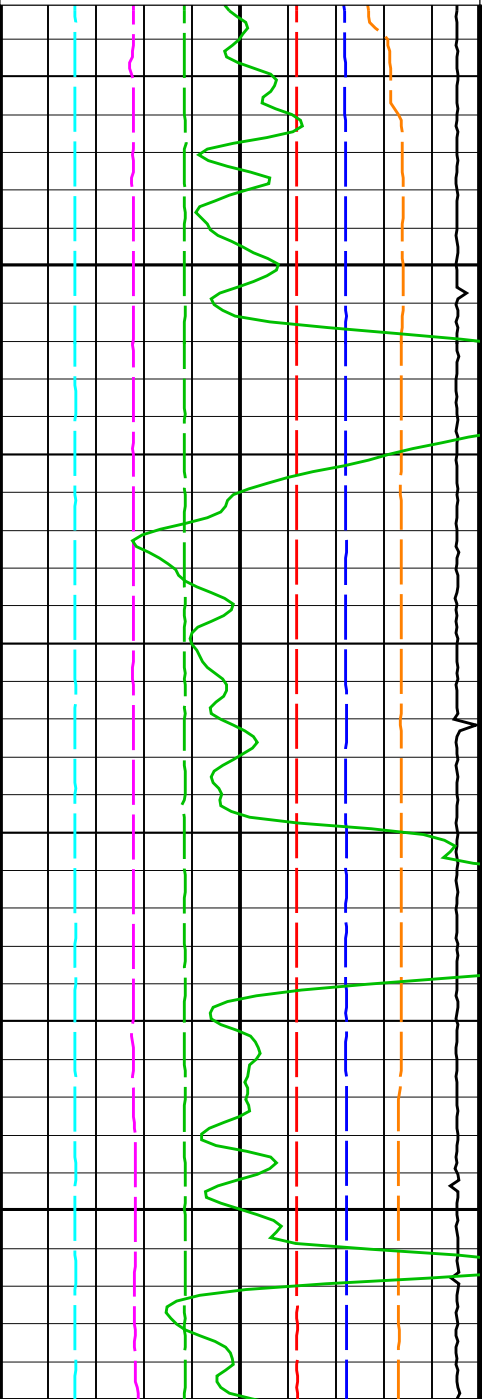
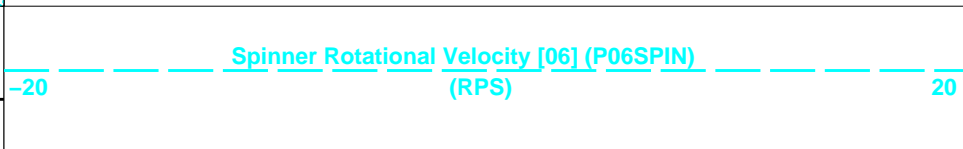
Squeezed
Perfo
Zone
From
CASED_
HOLE/SQ
UEEZED_
PERFO/C
V to D3T



Perfo
Zone
From
PERFO_
CURVE to
D3T

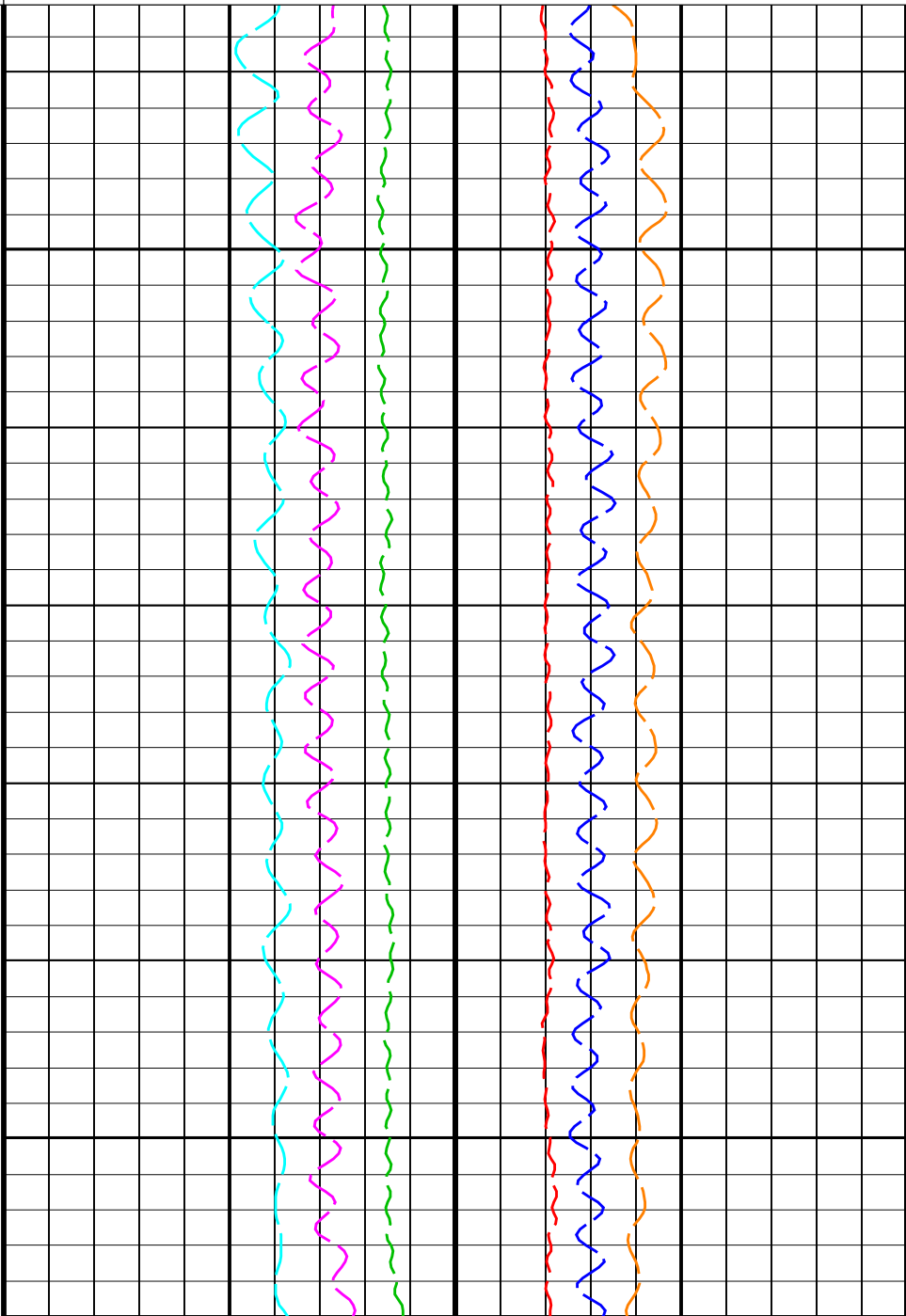


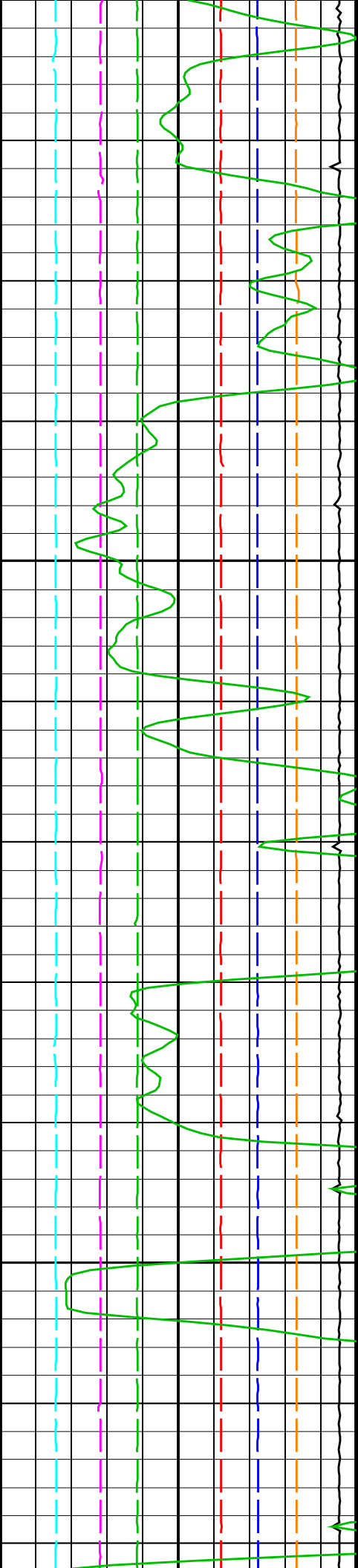
Squeezed
Perfo Zone
(SPIF)
20 (----) 0



3175

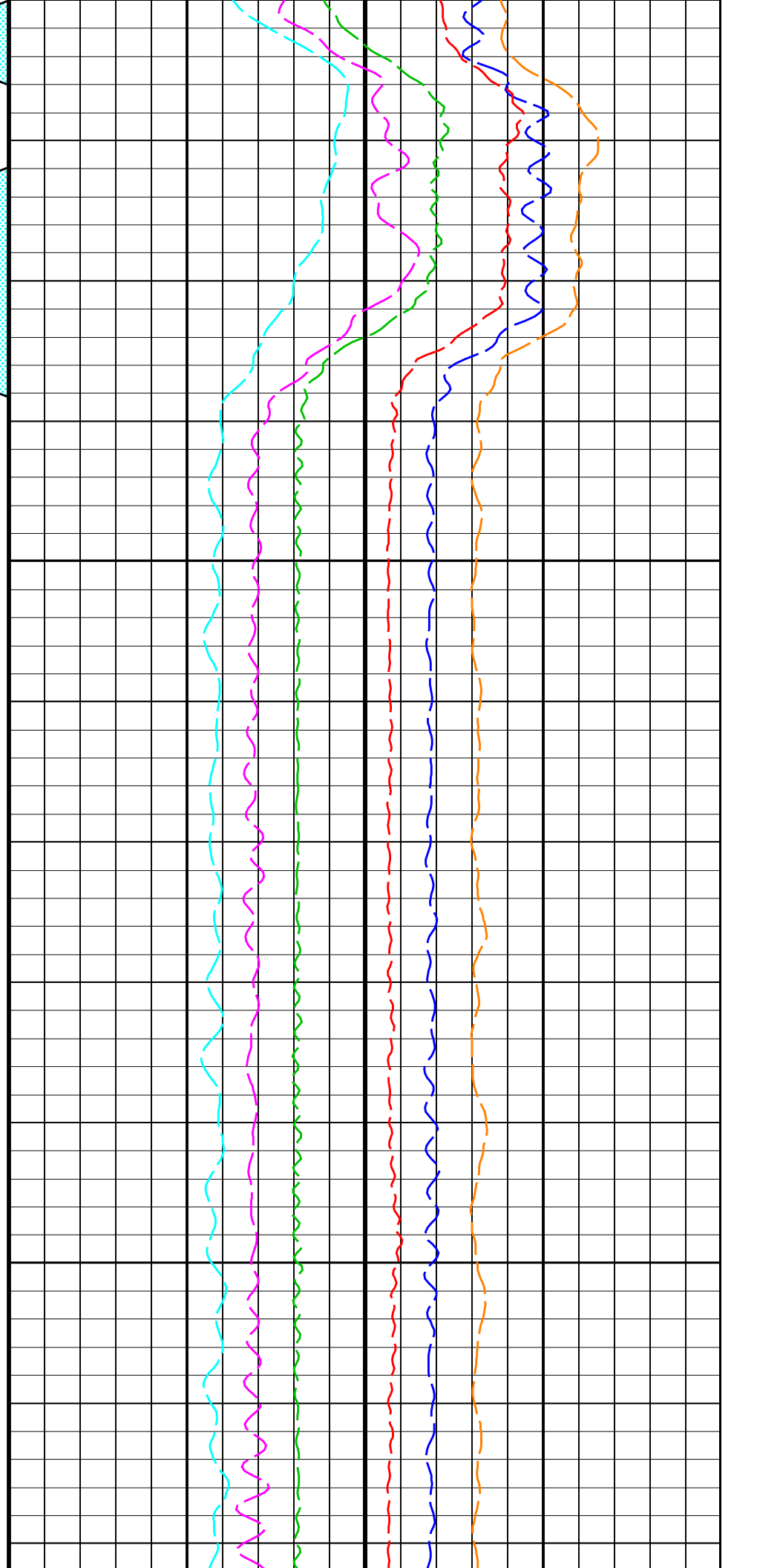
3200

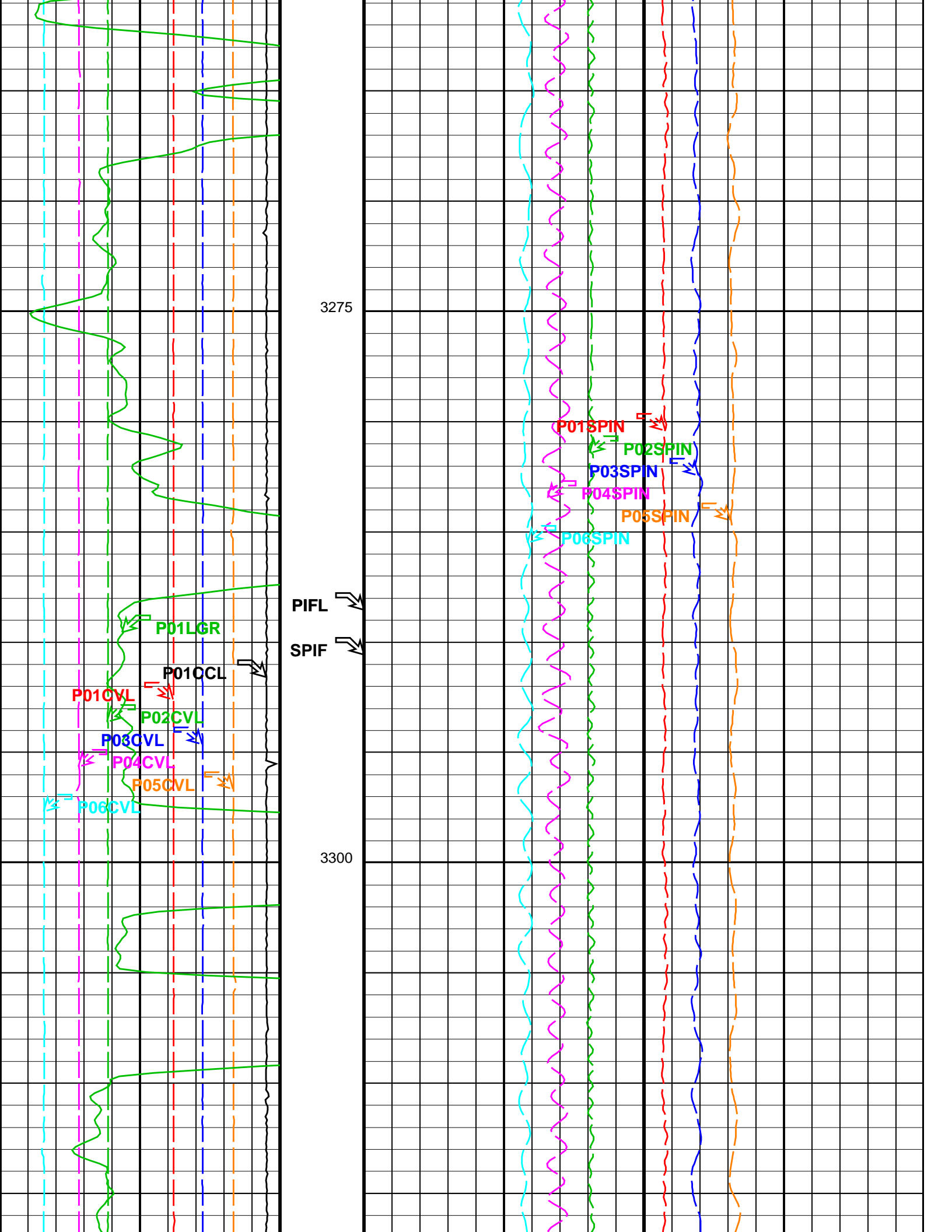




3225

3250





3275

PIFL

SPIF

P01LGR

P01CCL

P01CVL

P02CVL

P03CVL

P04CVL

P05CVL

P06CVL

P01SPIN

P02SPIN

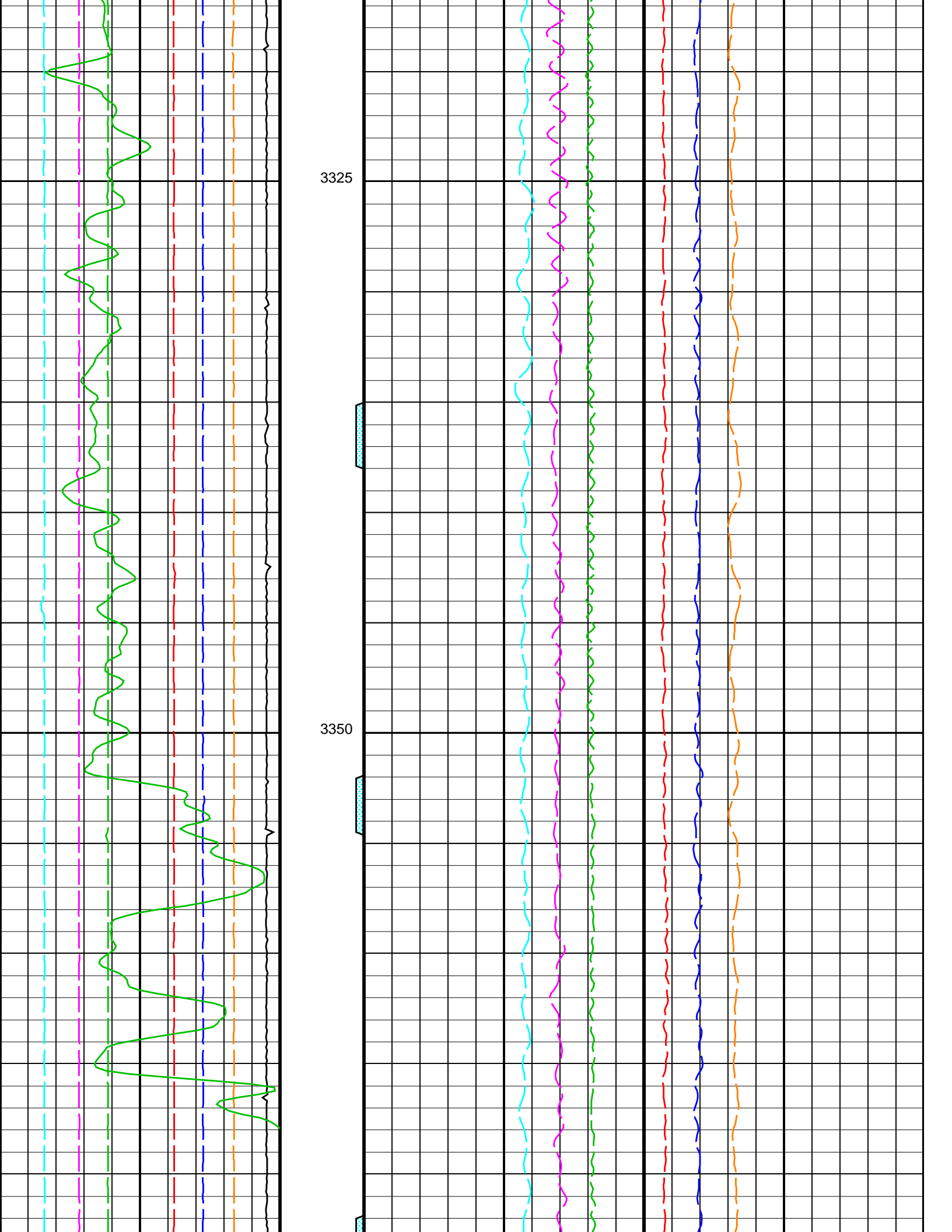
P03SPIN

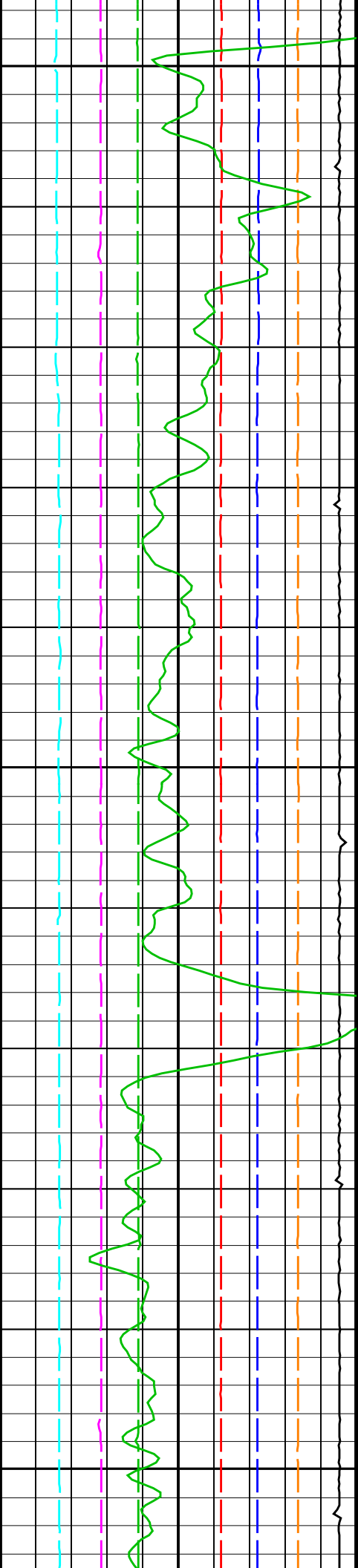
P04SPIN

P05SPIN

P06SPIN

3300

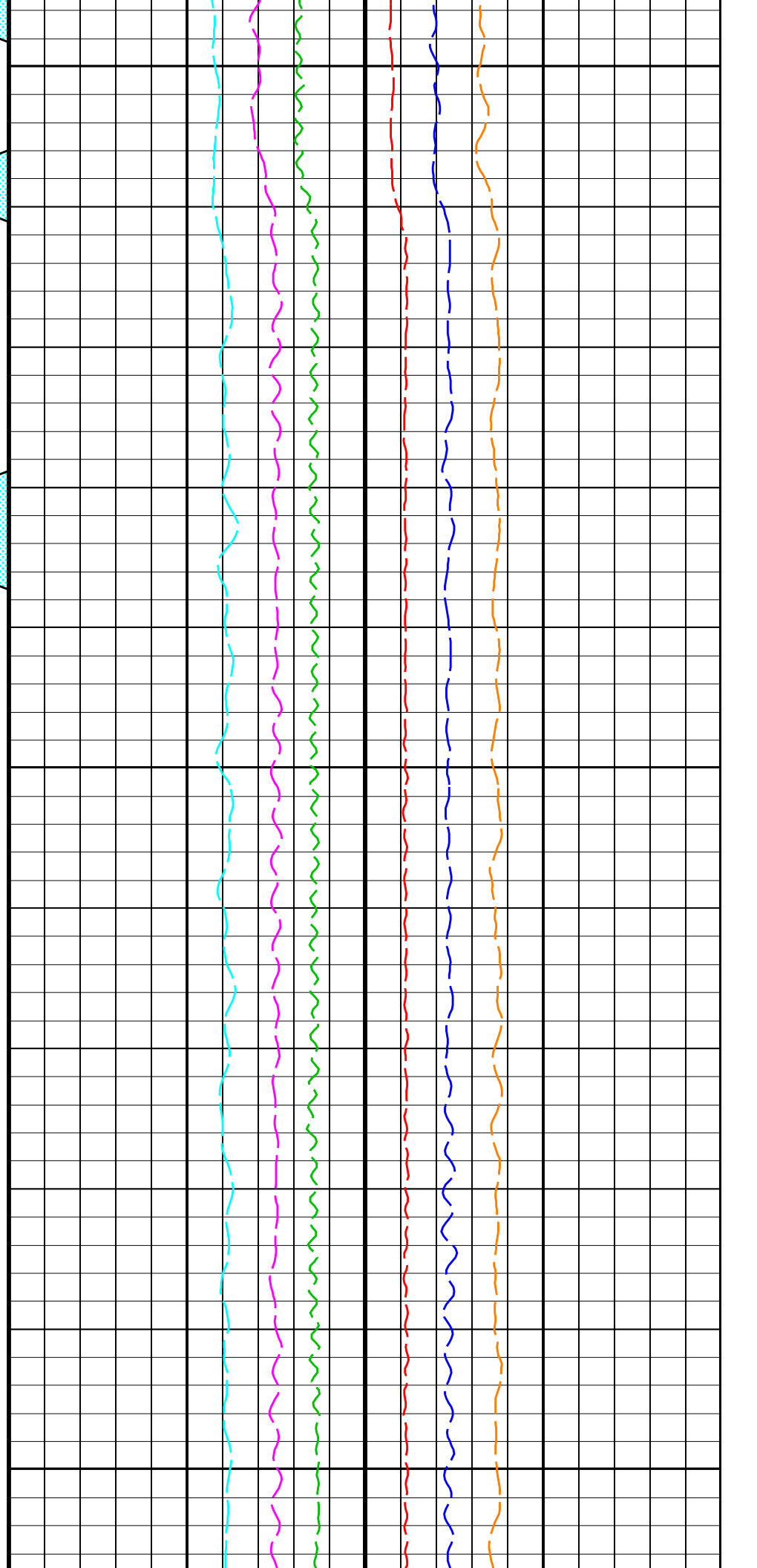


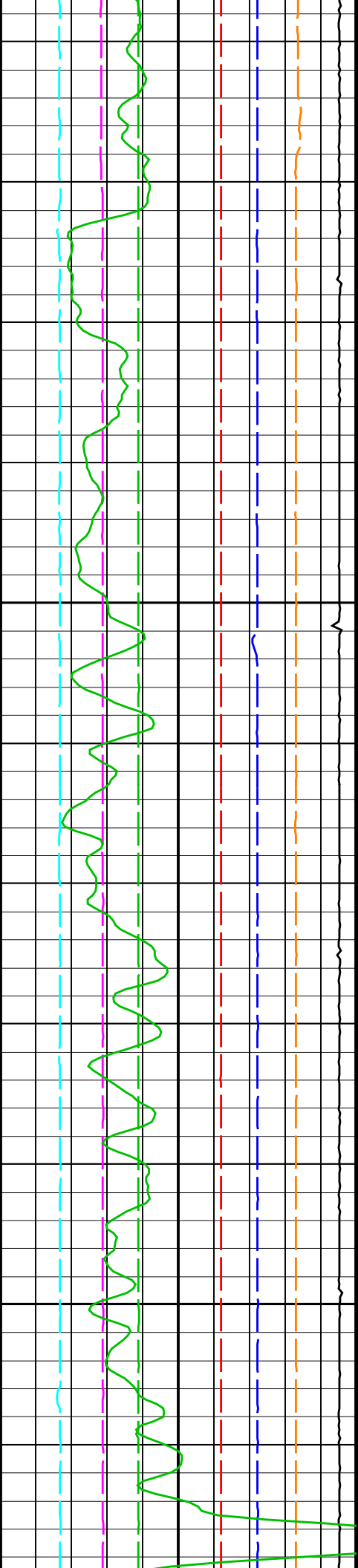


3375

3400

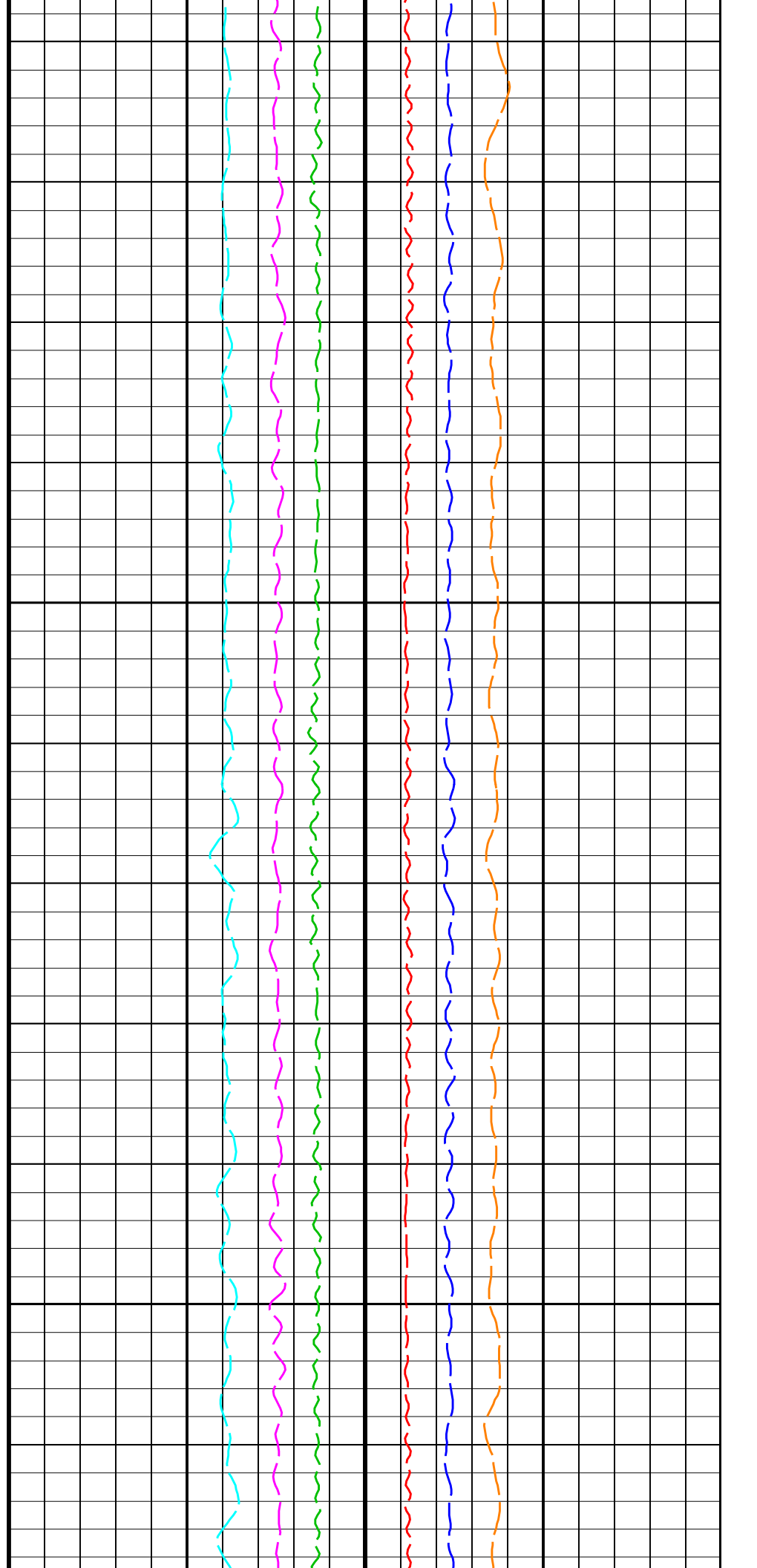
3425

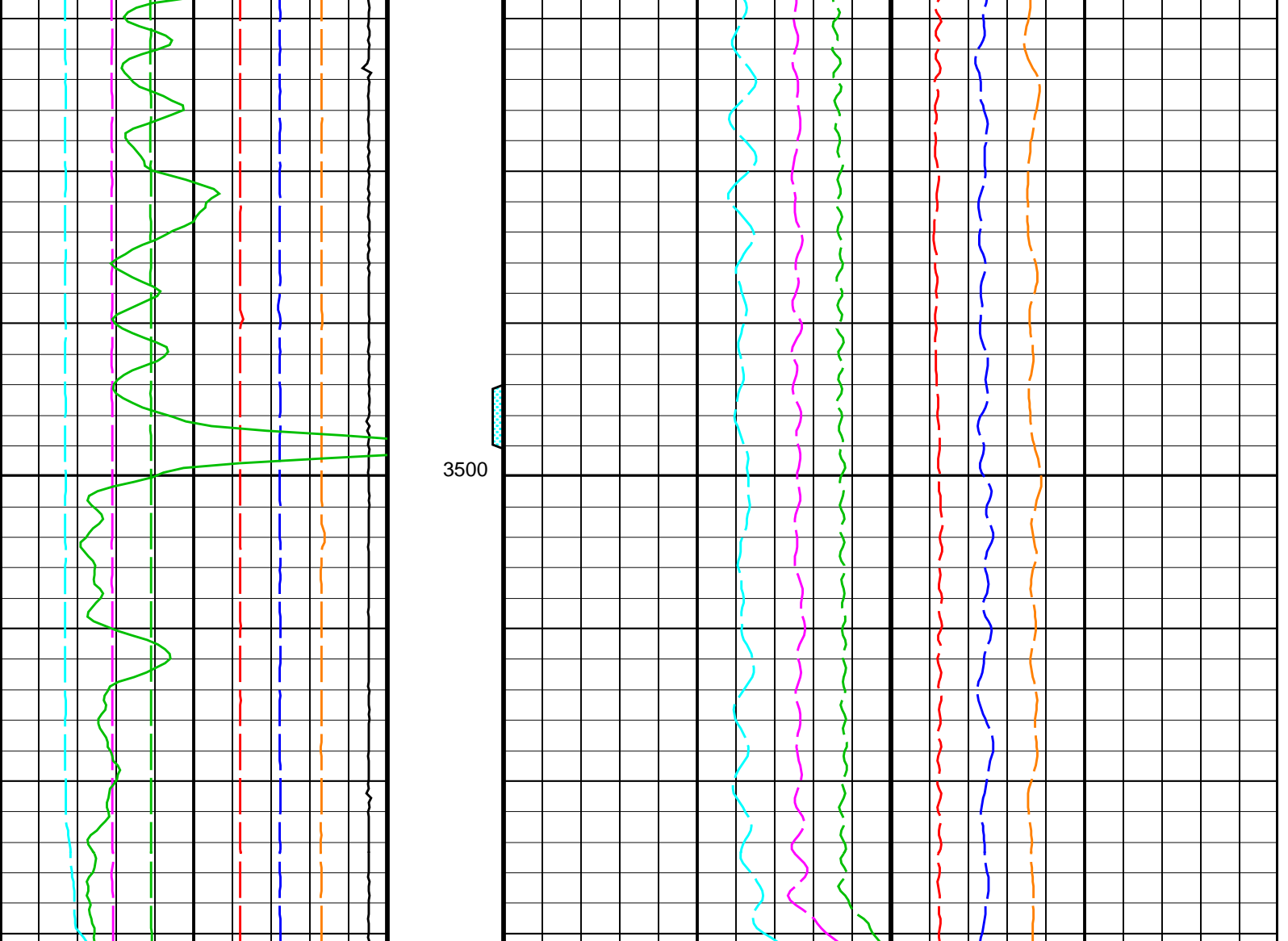




3450

3475





<p>Cable Velocity [06] (P06CVL) (F/MN)</p> <p>-150 150</p>	<p>Squeezed Perfo Zone (SPIF) 20 (----) 0</p>	<p>Spinner Rotational Velocity [06] (P06SPIN) (RPS)</p> <p>-20 20</p>
<p>Cable Velocity [05] (P05CVL) (F/MN)</p> <p>-150 150</p>	<p>Perfo Zone From PERFO_CURVE to D3T</p>	<p>Spinner Rotational Velocity [05] (P05SPIN) (RPS)</p> <p>-20 20</p>
<p>Cable Velocity [04] (P04CVL) (F/MN)</p> <p>-150 150</p>	<p>Squeezed Perfo Zone From CASED_HOLE/SQUEEZED_PERFO/CV to D3T</p>	<p>Spinner Rotational Velocity [04] (P04SPIN) (RPS)</p> <p>-20 20</p>
<p>Cable Velocity [03] (P03CVL) (F/MN)</p> <p>-150 150</p>		<p>Spinner Rotational Velocity [03] (P03SPIN) (RPS)</p> <p>-20 20</p>
<p>Cable Velocity [02] (P02CVL) (F/MN)</p> <p>-150 150</p>		<p>Spinner Rotational Velocity [02] (P02SPIN) (RPS)</p> <p>-20 20</p>
<p>Cable Velocity [01] (P01CVL) (F/MN)</p> <p>-150 150</p>		<p>Spinner Rotational Velocity [01] (P01SPIN) (RPS)</p> <p>-20 20</p>

CCL [01] (P01CCL)

CCL [01] (P01CCL)	(V)	1
Gamma-Ray [01] (P01LGR)		
0	(GAPI)	150

Format: Merged Spinners Vertical Scale: 1:200 Graphics File Created: 18-Jun-2009 09:50

OP System Version: 17C0-154

PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

Input DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_037PUP	FN:47	PRODUCER	18-Jun-2009 07:15	3515.3 M	3168.1 M
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Output DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_040PUP	FN:50	PRODUCER	18-Jun-2009 09:50
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Merged Sensor Down Passes

MAXIS Field Log

Company: ROC Oil. Well: Basker 5

PLQL Passes Summary

- Pass # 1:
- Pass # 2:
- Pass # 3:
- Pass # 4:
- Pass # 5:
- Pass # 6:

Company: ROC Oil. Well: Basker 5

PLQL Data Manager Files

- Pass # 1
- Pass # 2
- Pass # 3

Company: ROC Oil. Well: Basker 5

Output DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_053PUP	FN:63	PRODUCER	19-Jun-2009 03:54	3515.3 M	3160.0 M
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OP System Version: 17C0-154

PFCS-A
PILS-A

17C0-154
17C0-154

PGMC-B
PSPT-A

17C0-154
17C0-154

Well Pressure [01] (P01LPR)		
4200	(PSIA)	4700
Well Pressure [02] (P02LPR)		
4200	(PSIA)	4700

Well Pressure [03] (P03LPR)		
4200	(PSIA)	4700

Squeezed
Perfo
Zone
From
CASED_
HOLE/SQ
UEEZED_
PERFO/C
V to D3T

Fluid Density [01] (P01FDS)		
0	(G/C3)	1.5

Fluid Temperature [01] (P01TMP)		
111	(DEGC)	123

Gamma-Ray [01] (P01LGR)		
0	(GAPI)	150

Perfo
Zone
From
PERFO_
CURVE to
D3T

Fluid Density [02] (P02FDS)		
0	(G/C3)	1.5

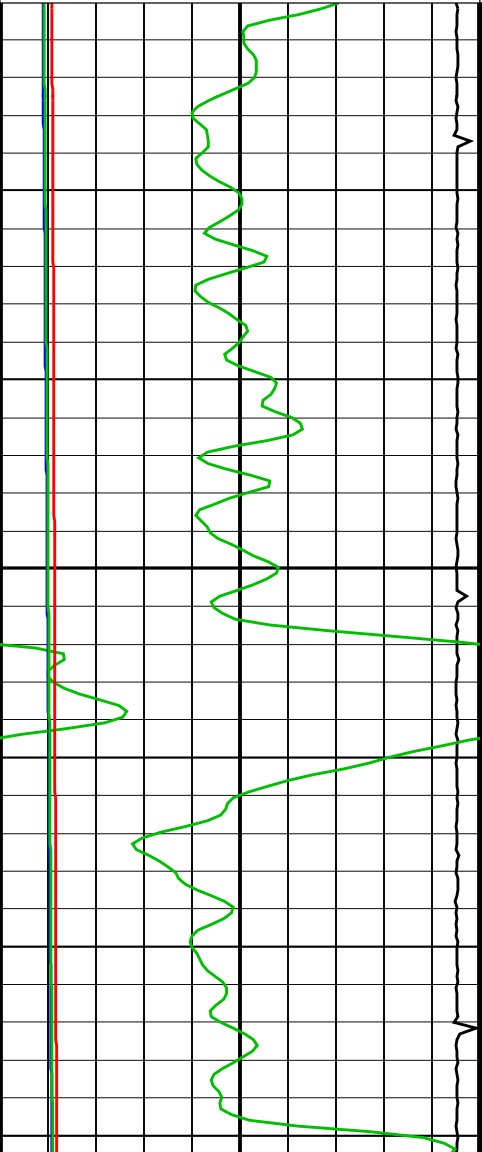
Fluid Temperature [02] (P02TMP)		
111	(DEGC)	123

CCL [01] (P01CCL)		
-19	(V)	1
20 (----) 0		

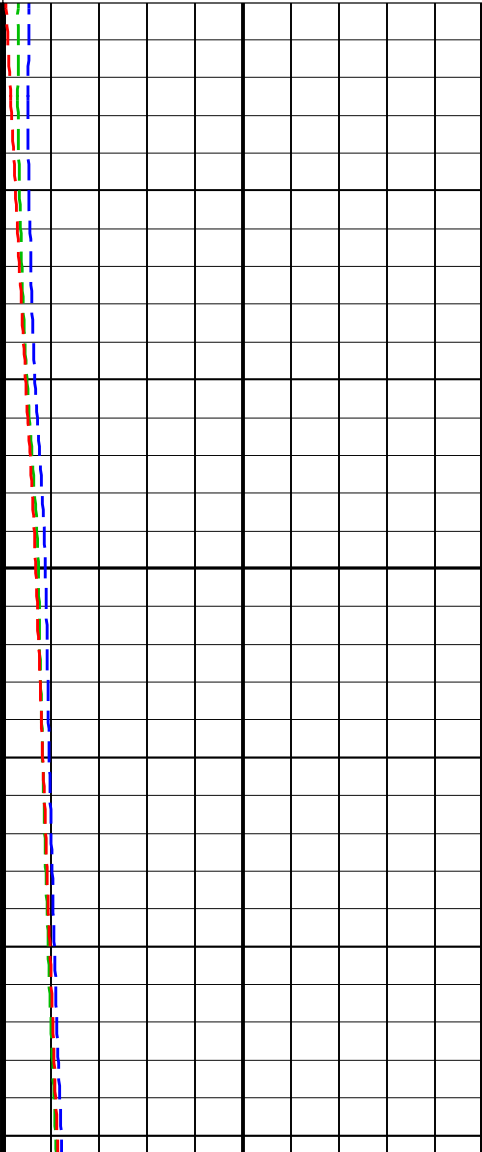
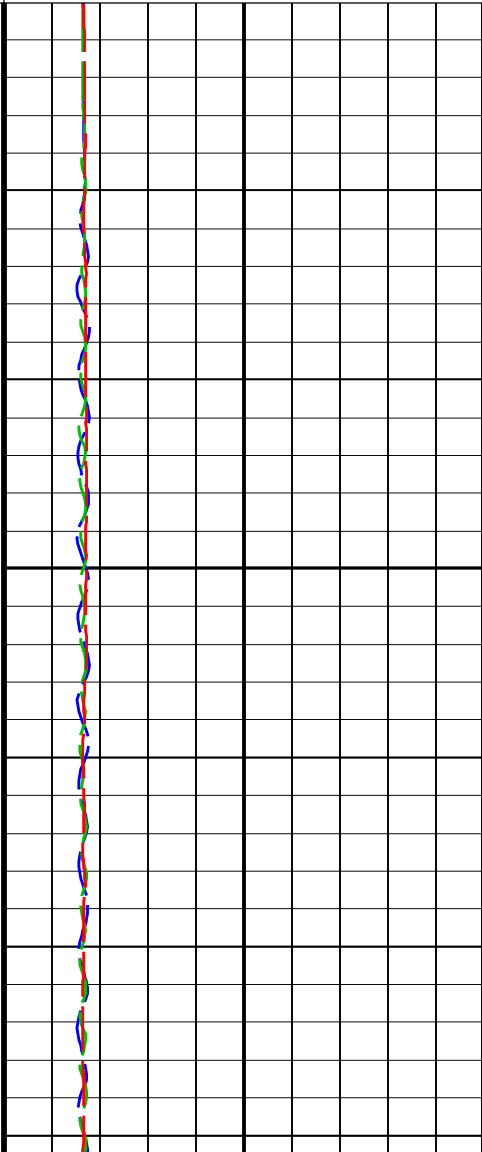
Squeezed
Perfo Zone
(SPIF_DM)

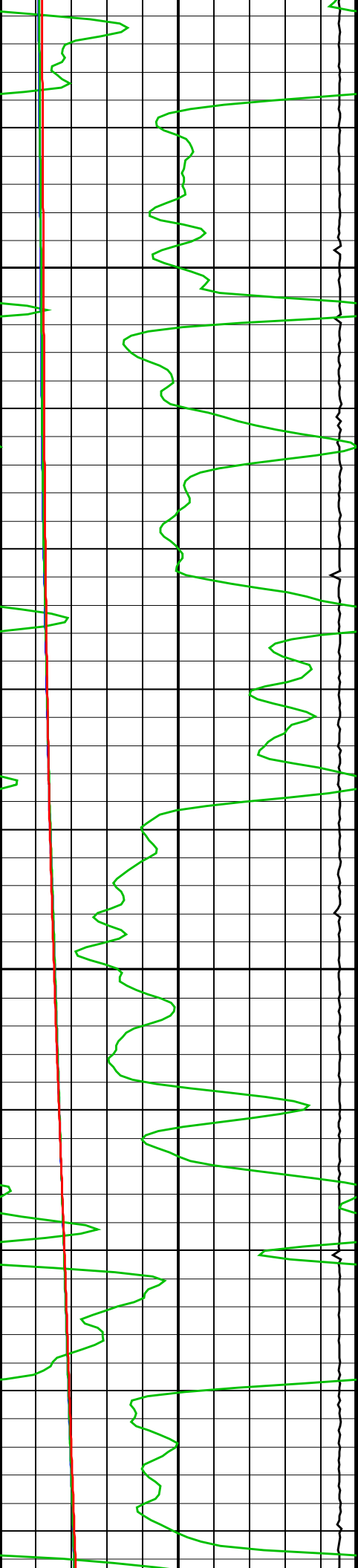
Fluid Density [03] (P03FDS)		
0	(G/C3)	1.5

Fluid Temperature [03] (P03TMP)		
111	(DEGC)	123



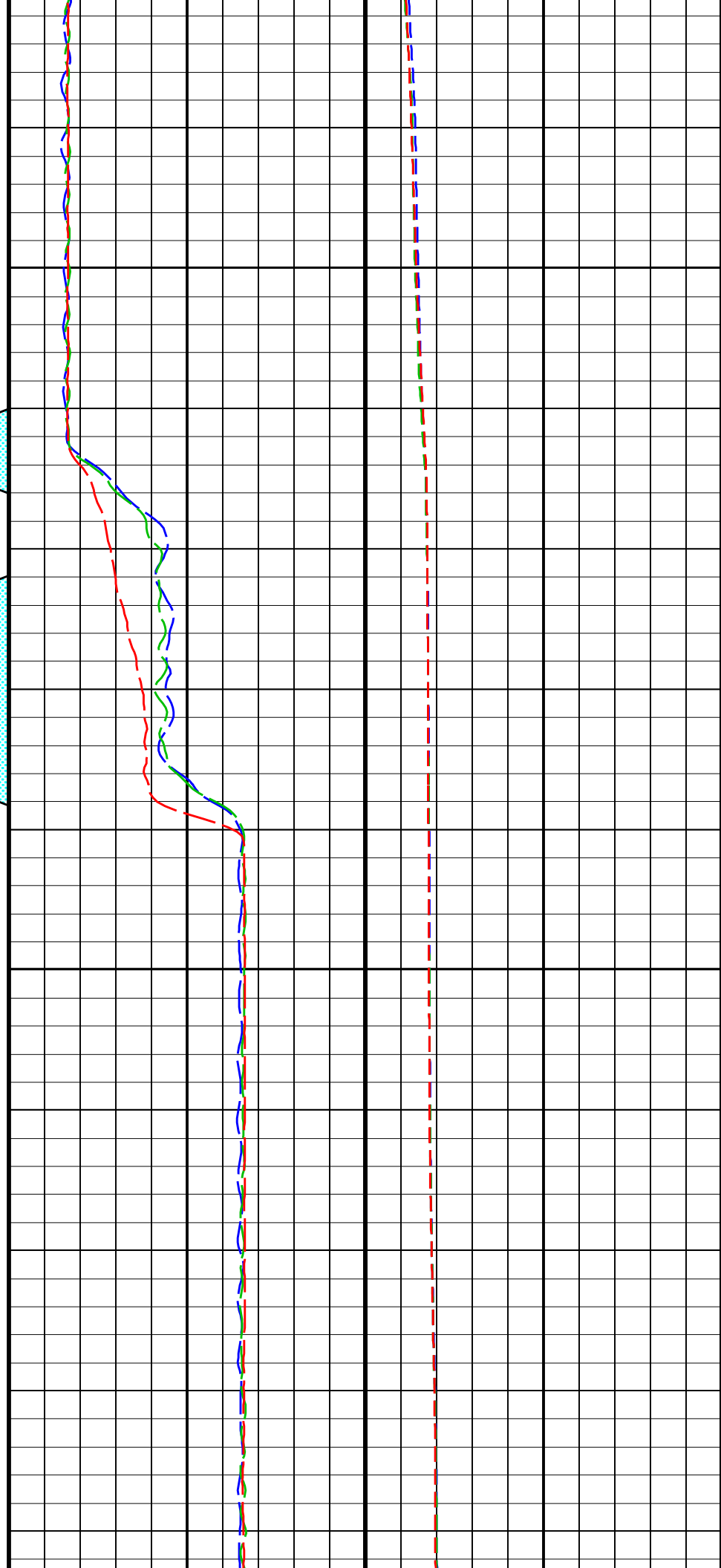
3175

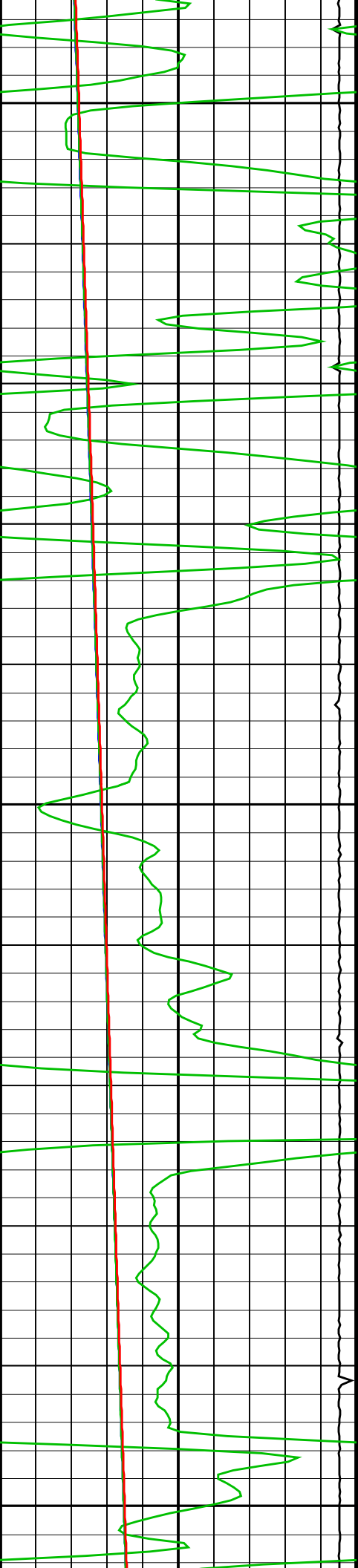




3200

3225

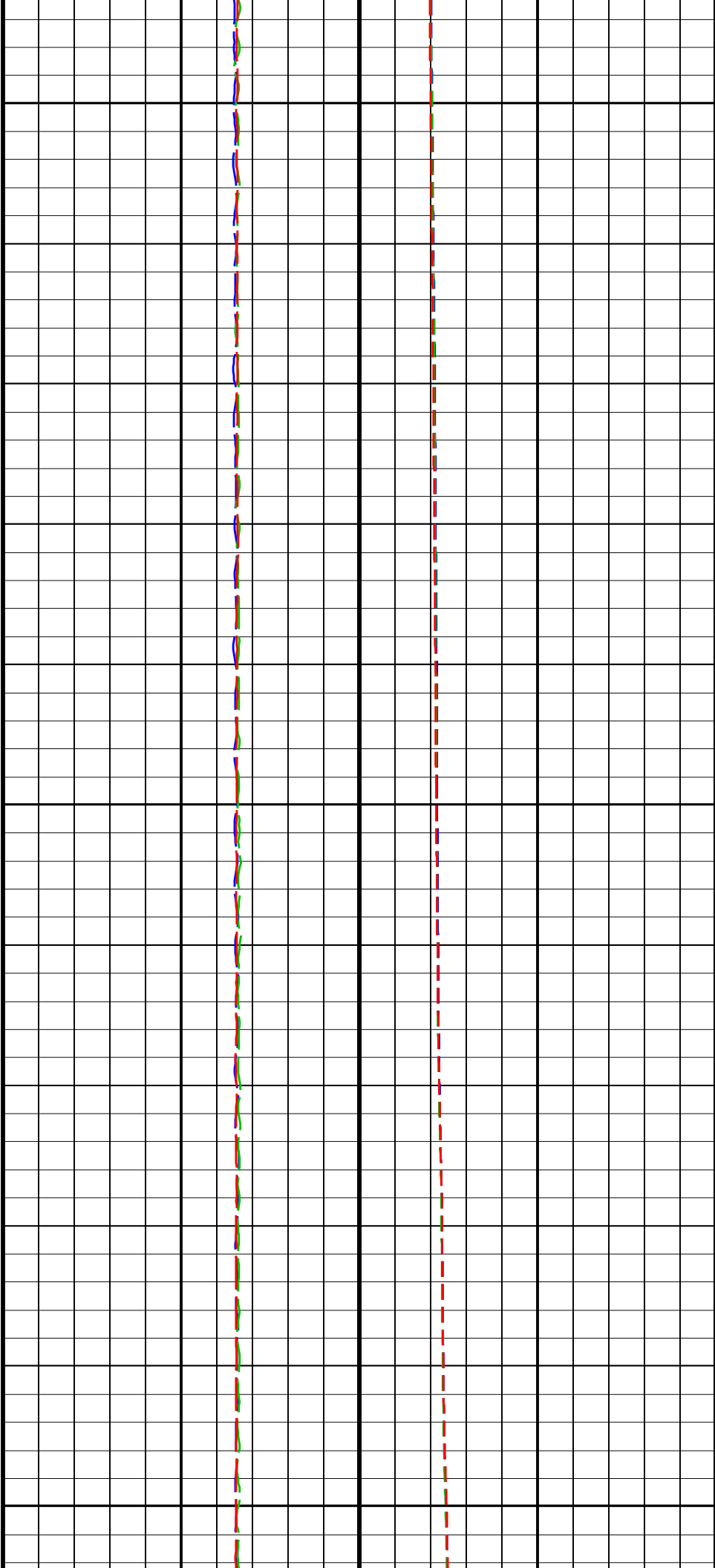


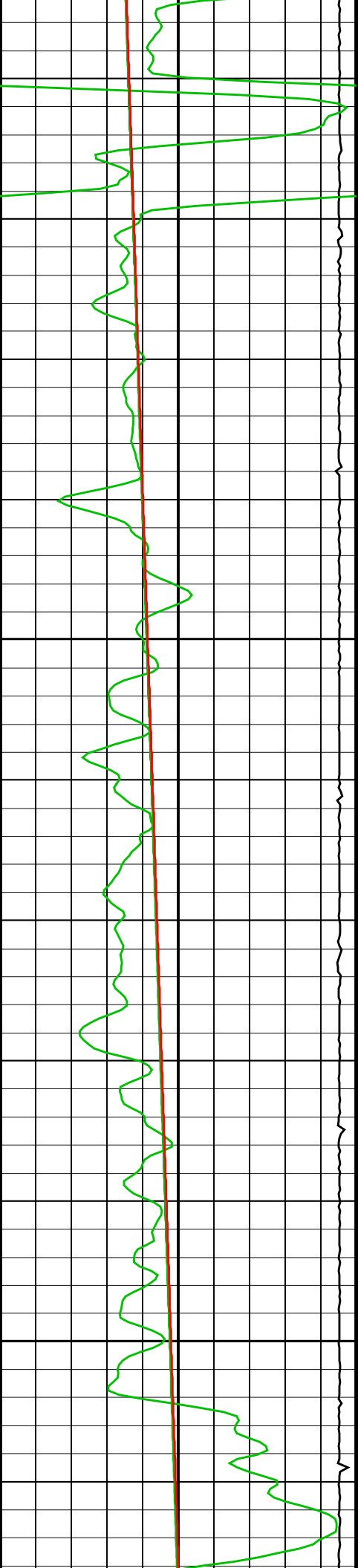


3250

3275

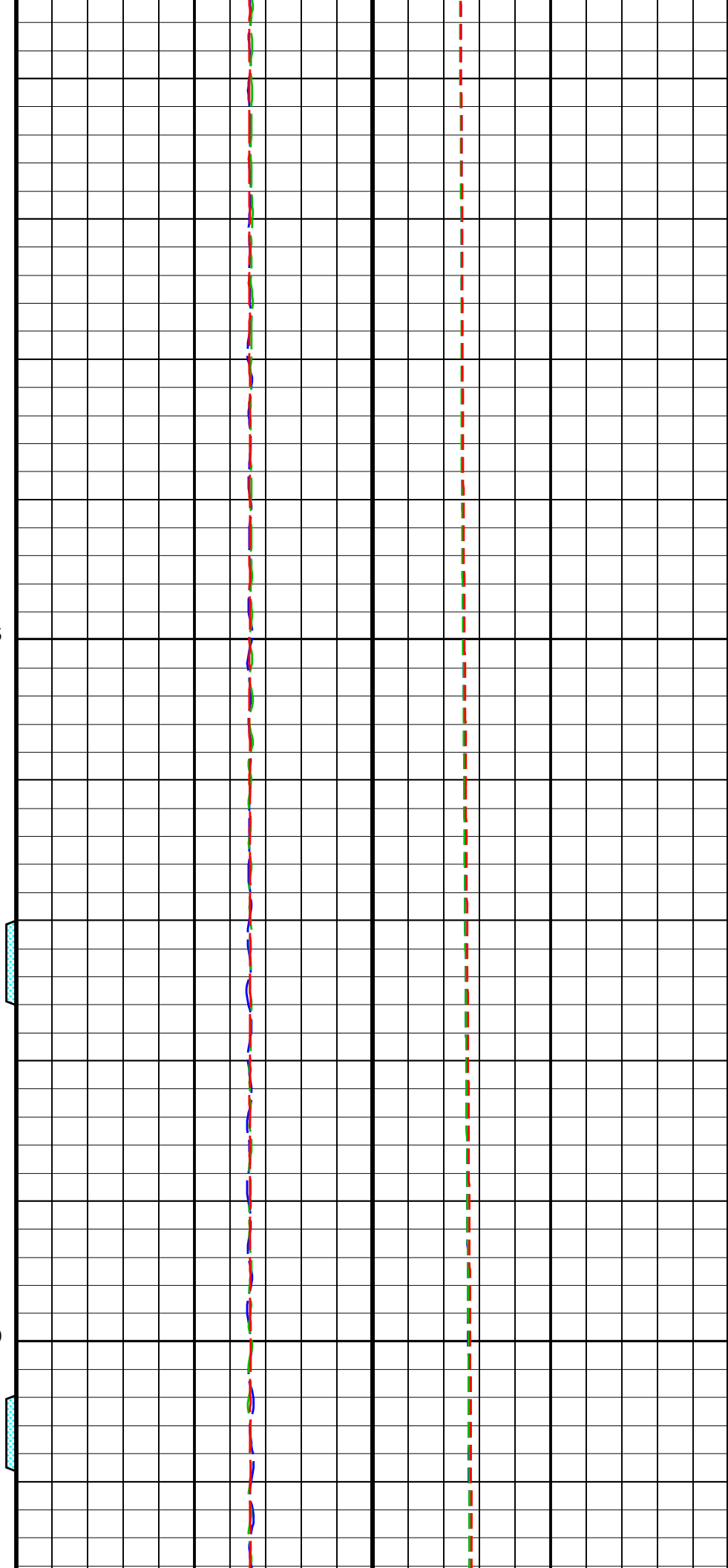
3300

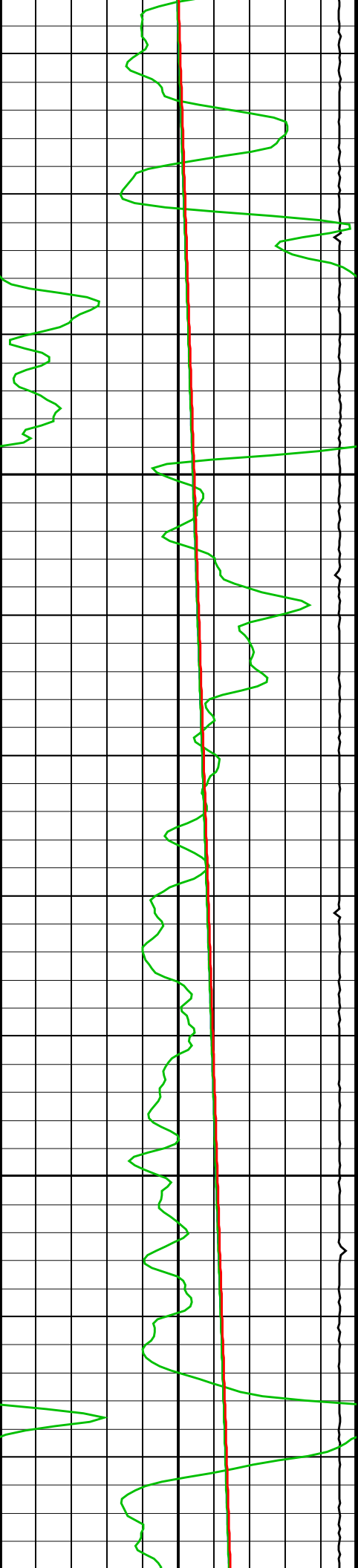




3325

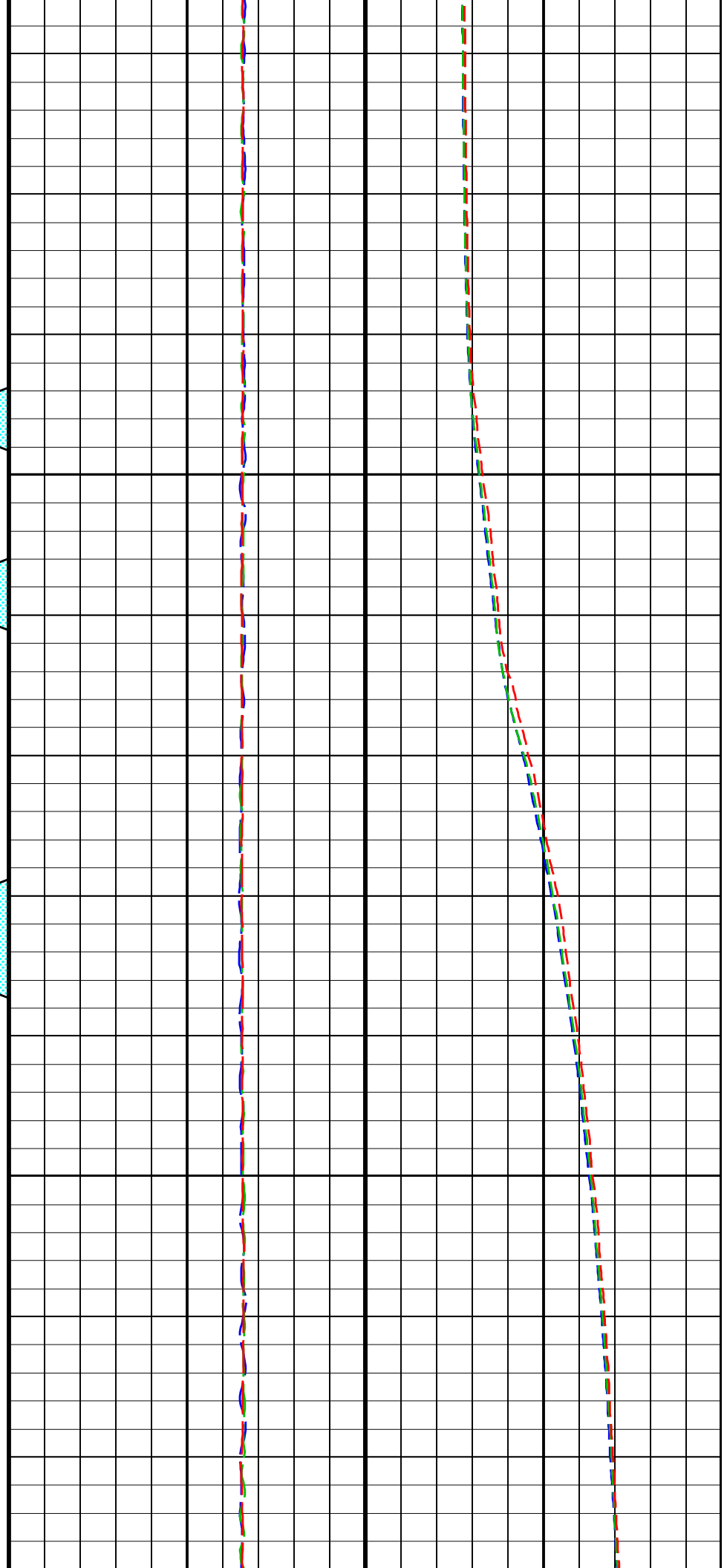
3350

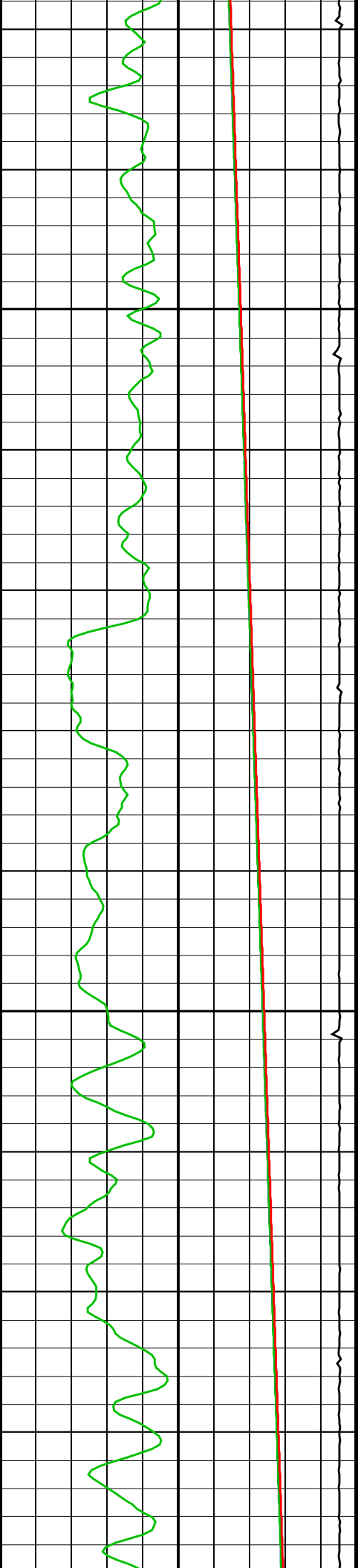




3375

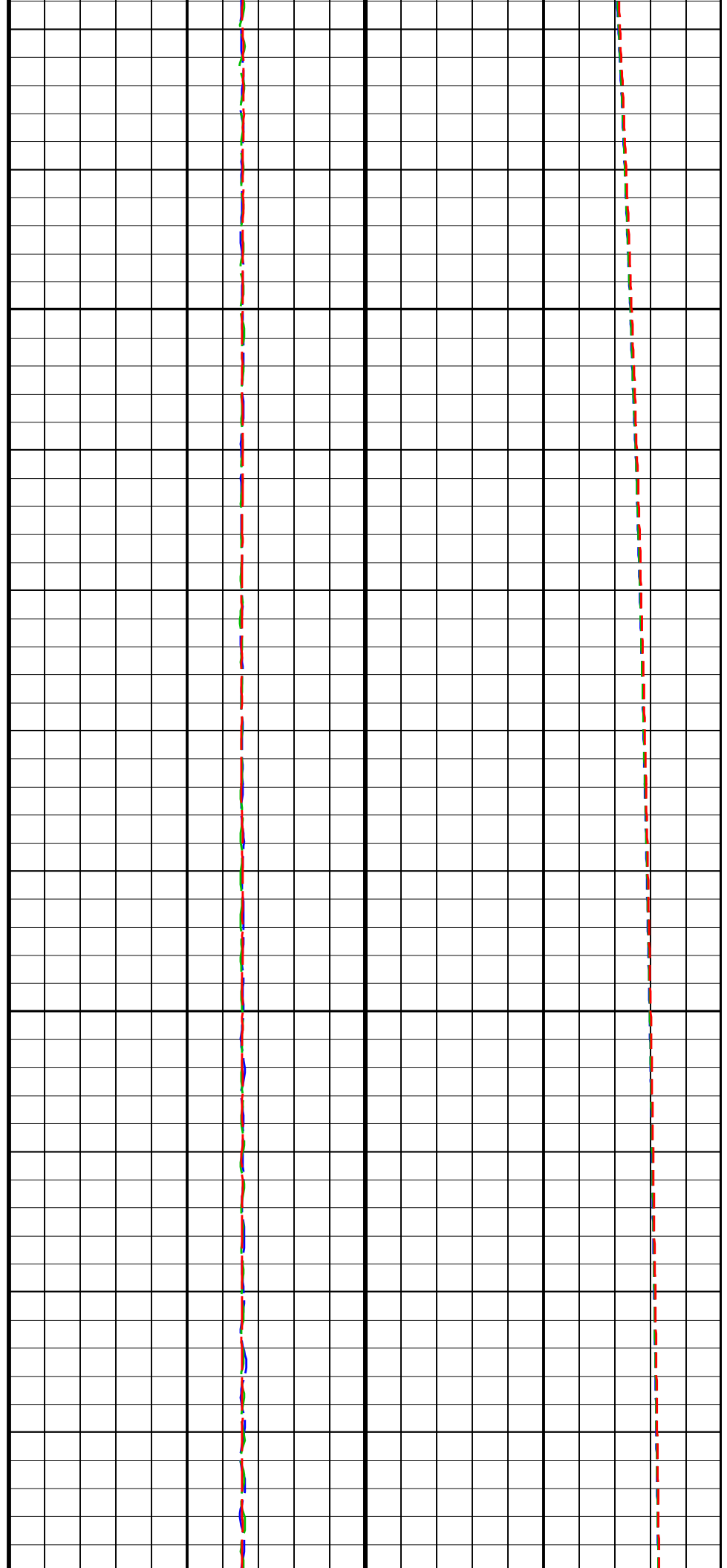
3400

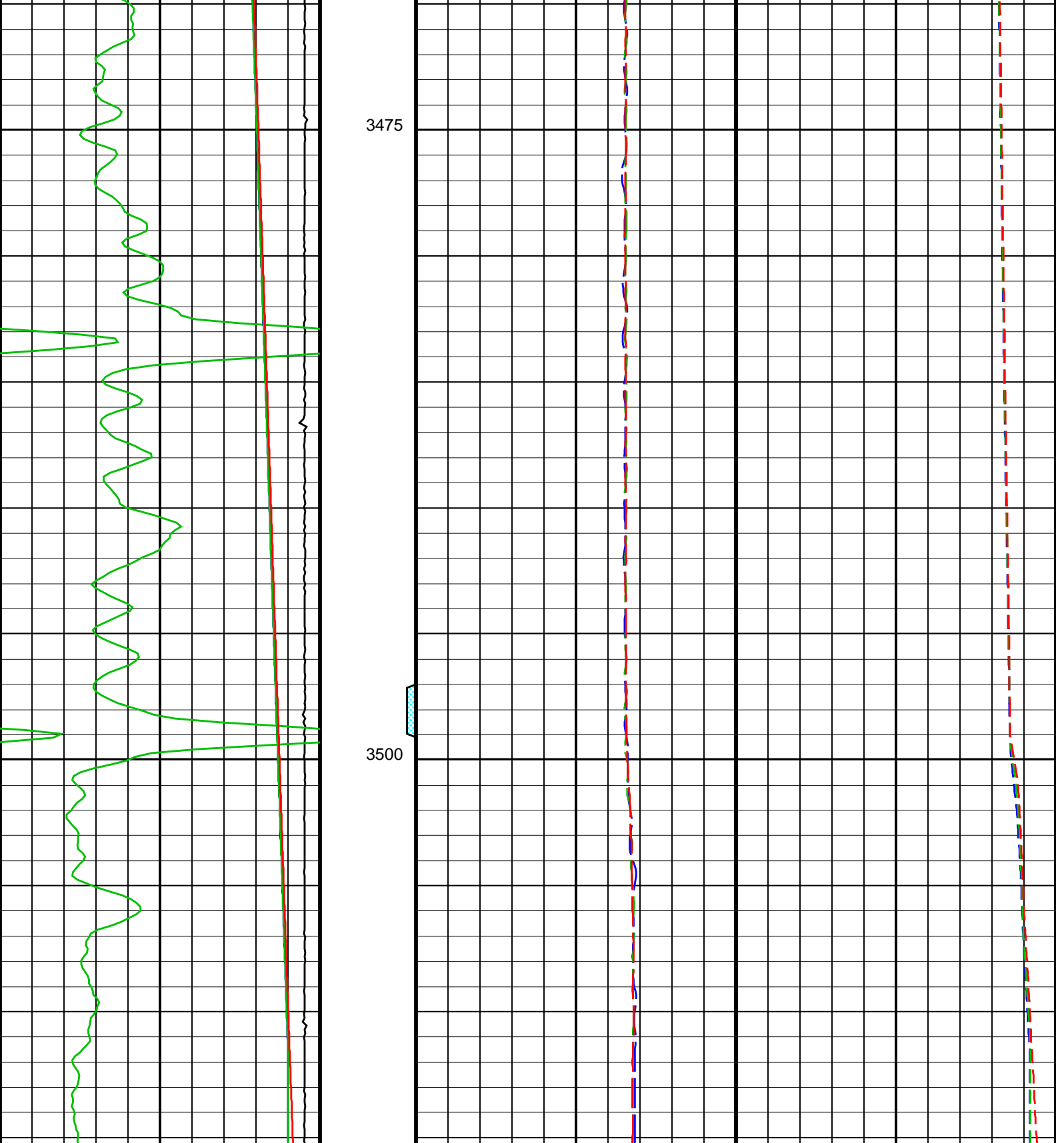




3425

3450





<p>CCL [01] (P01CCL) (V)</p> <p>-19 1</p>	<p>Squeezed Perfo Zone (SPIF_DM) 20 (----) 0</p>	<p>Fluid Density [03] (P03FDS) (G/C3)</p> <p>0 1.5 111</p>	<p>Fluid Temperature [03] (P03TMP) (DEGC)</p> <p>123</p>
<p>Gamma-Ray [01] (P01LGR) (GAPI)</p> <p>0 150</p>	<p>Perfo Zone From PERFO_ CURVE to D3T</p>	<p>Fluid Density [02] (P02FDS) (G/C3)</p> <p>0 1.5 111</p>	<p>Fluid Temperature [02] (P02TMP) (DEGC)</p> <p>123</p>
<p>Squeezed</p>			

Well Pressure [03] (P03LPR) 4200 (PSIA) 4700	Perfo Zone From CASED_ HOLE/SQ UEEZED_ PERFO/C V to D3T	Fluid Density [01] (P01FDS) 0 (G/C3) 1.5 111	Fluid Temperature [01] (P01TMP) (DEGC) 123
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Well Pressure [02] (P02LPR) 4200 (PSIA) 4700
Well Pressure [01] (P01LPR) 4200 (PSIA) 4700

Format: Merged Sensors Vertical Scale: 1:200 Graphics File Created: 19-Jun-2009 03:54

OP System Version: 17C0-154

PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

Output DLIS Files

DEFAULT FCS_GMS_ILS_PSP_053PUP FN:63 PRODUCER 19-Jun-2009 03:54



Merged Sensor Up Passes

MAXIS Field Log

Company: ROC Oil. Well: Basker 5

PLQL Passes Summary

- Pass # 1:
- Pass # 2:
- Pass # 3:
- Pass # 4:
- Pass # 5:
- Pass # 6:

Company: ROC Oil. Well: Basker 5

PLQL Data Manager Files

- Pass # 1
- Pass # 2
- Pass # 3

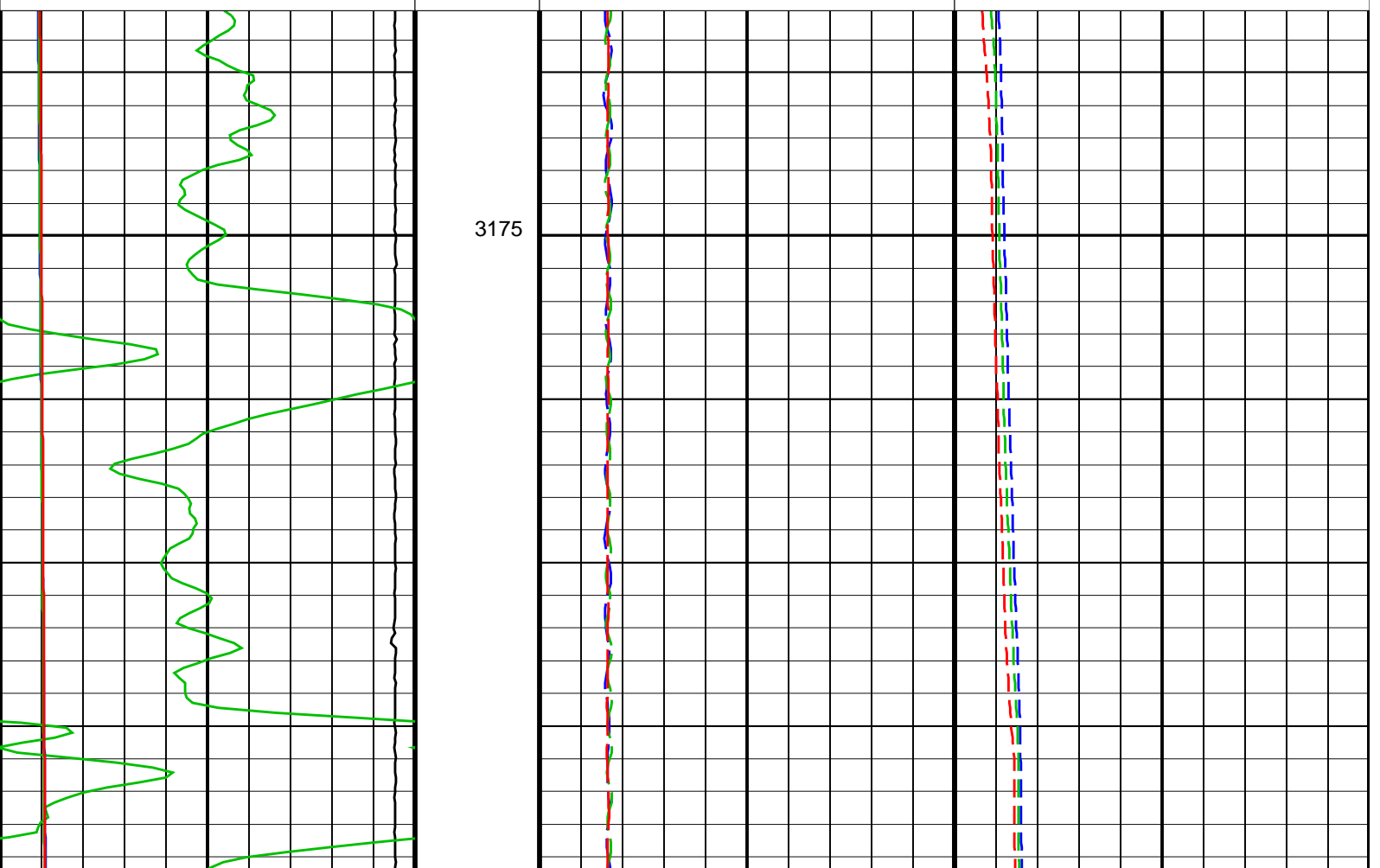
Company: ROC Oil. Well: Basker 5

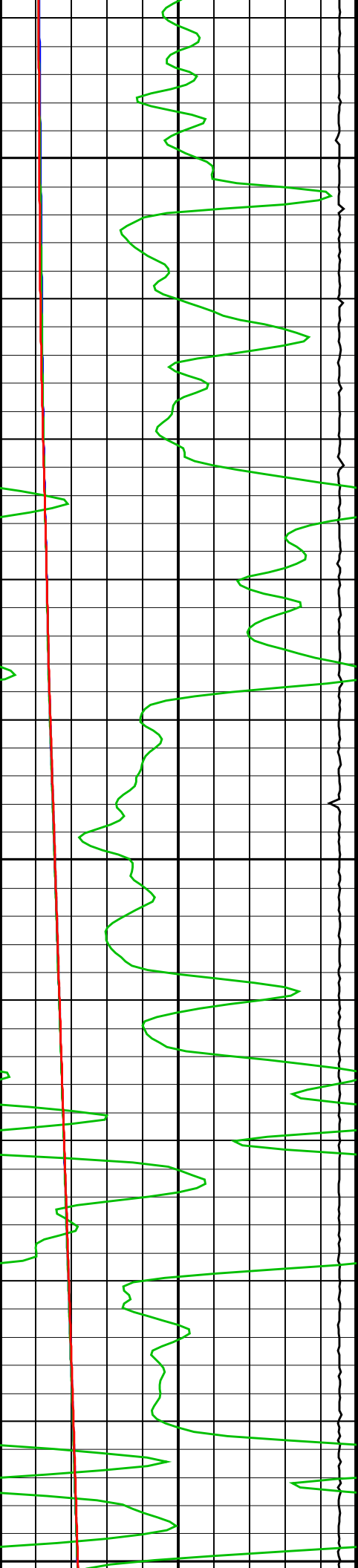
OP System Version: 17C0-154

PFCS-A 17C0-154
PILS-A 17C0-154

PGMC-B 17C0-154
PSPT-A 17C0-154

Well Pressure [01] (P01LPR)					
4200 (PSIA) 4700					
Well Pressure [02] (P02LPR)					
4200 (PSIA) 4700					
Well Pressure [03] (P03LPR)		Squeezed Perfo Zone From CASED_HOLE/SQ UEEZED_PERFO/C V to D3T	Fluid Density [01] (P01FDS)	Fluid Temperature [01] (P01TMP)	
4200 (PSIA) 4700			0 (G/C3) 1.5 111	123 (DEGC)	
Gamma-Ray [01] (P01LGR)		Perfo Zone From PERFO_CURVE to D3T	Fluid Density [02] (P02FDS)	Fluid Temperature [02] (P02TMP)	
0 (GAPI) 150			0 (G/C3) 1.5 111	123 (DEGC)	
CCL [01] (P01CCL)		Squeezed Perfo Zone (SPIF_DM) 20 (----) 0	Fluid Density [03] (P03FDS)	Fluid Temperature [03] (P03TMP)	
-19 (V) 1			0 (G/C3) 1.5 111	123 (DEGC)	

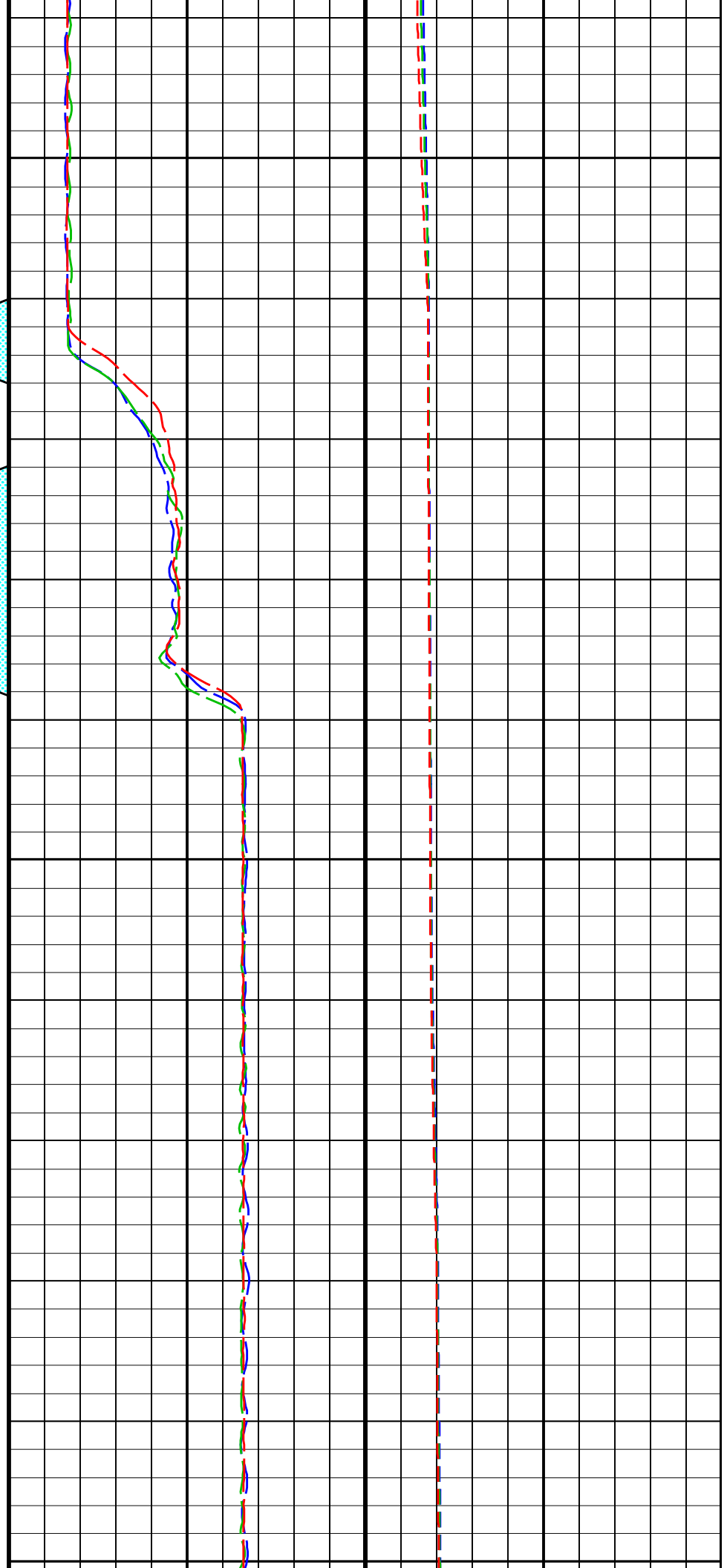


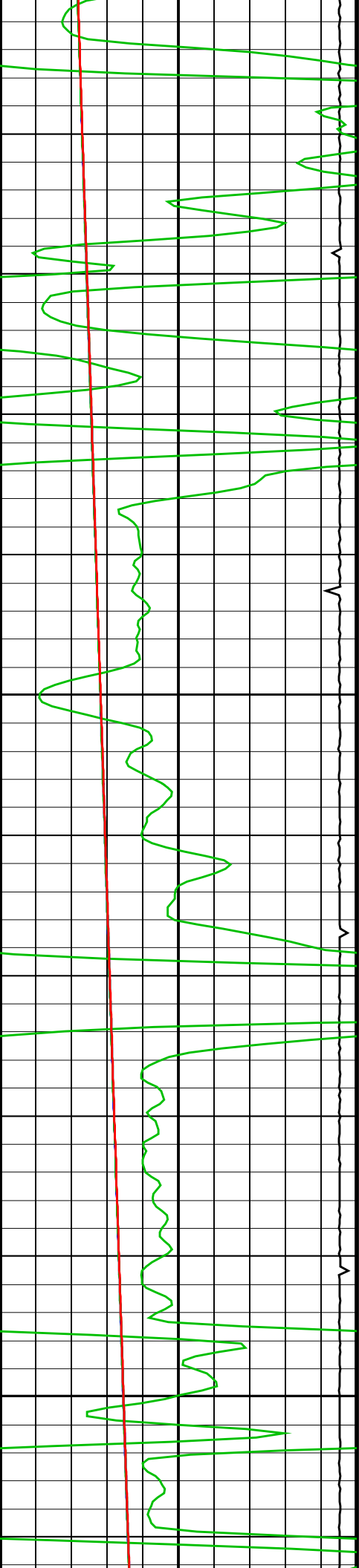


3200

3225

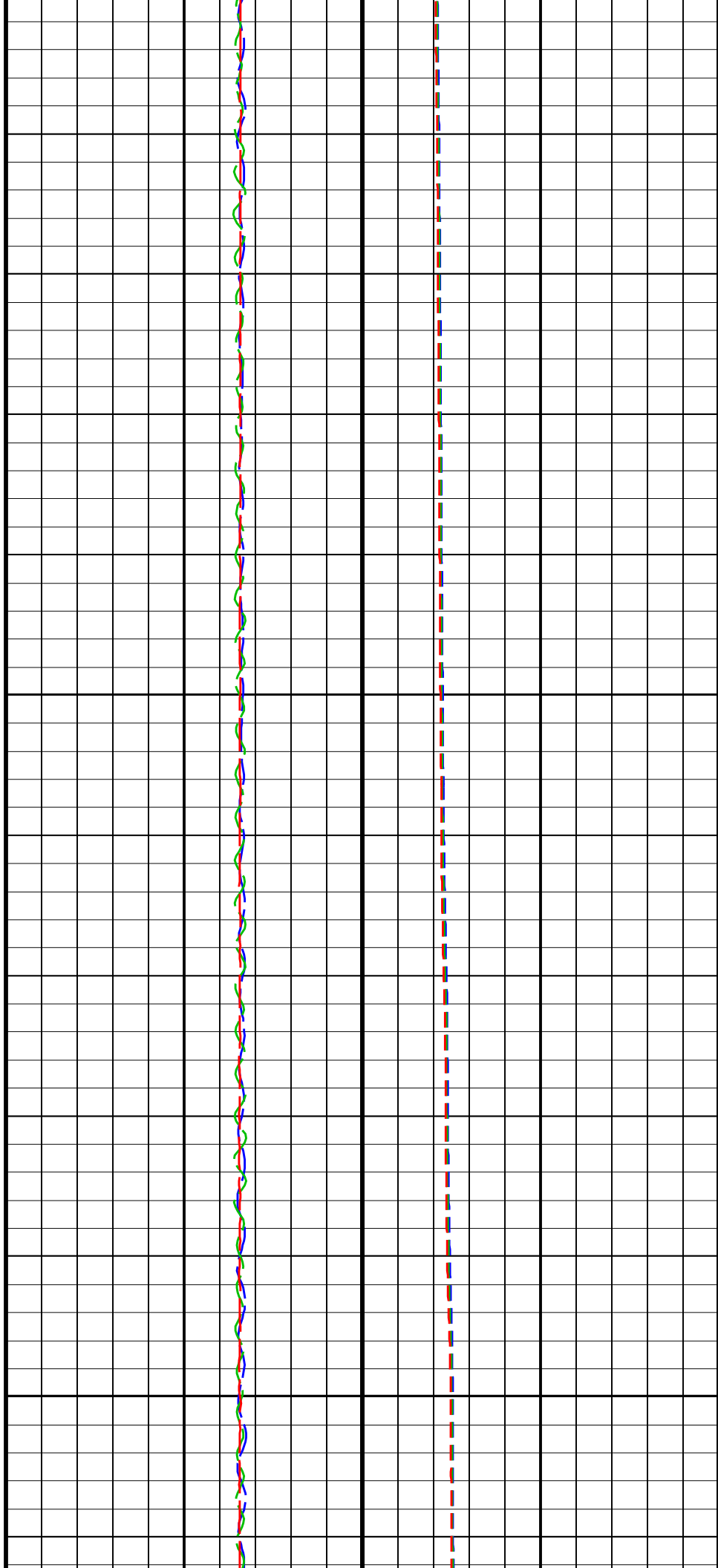
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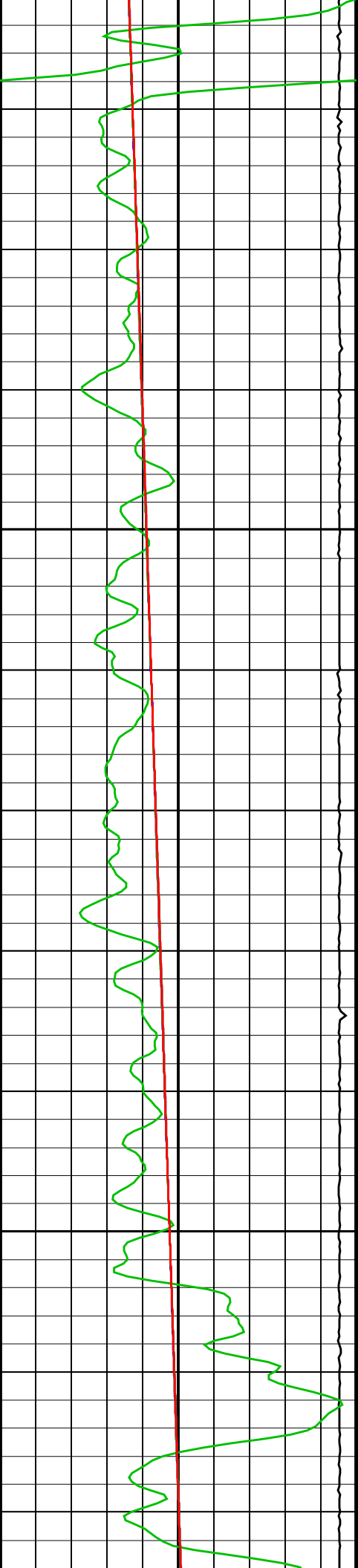




3275

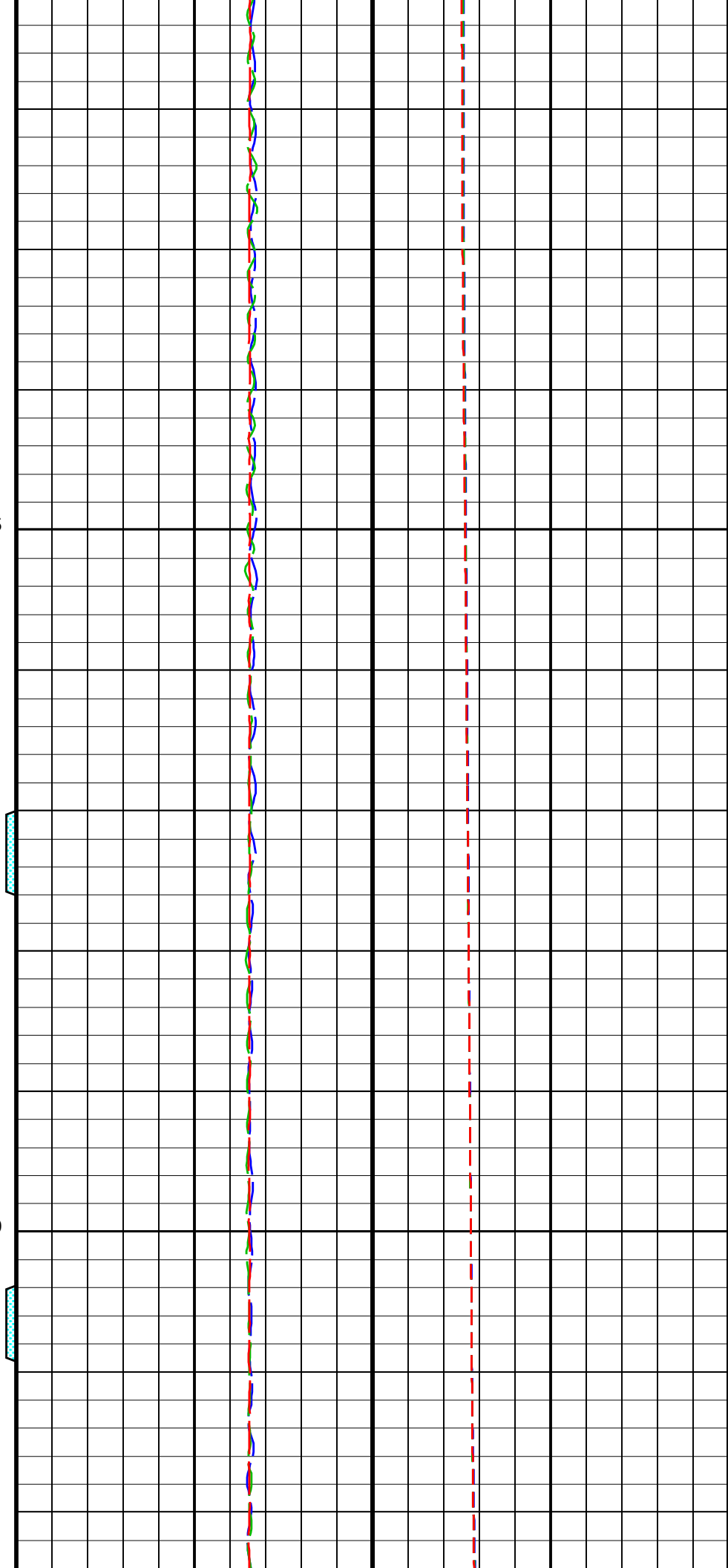
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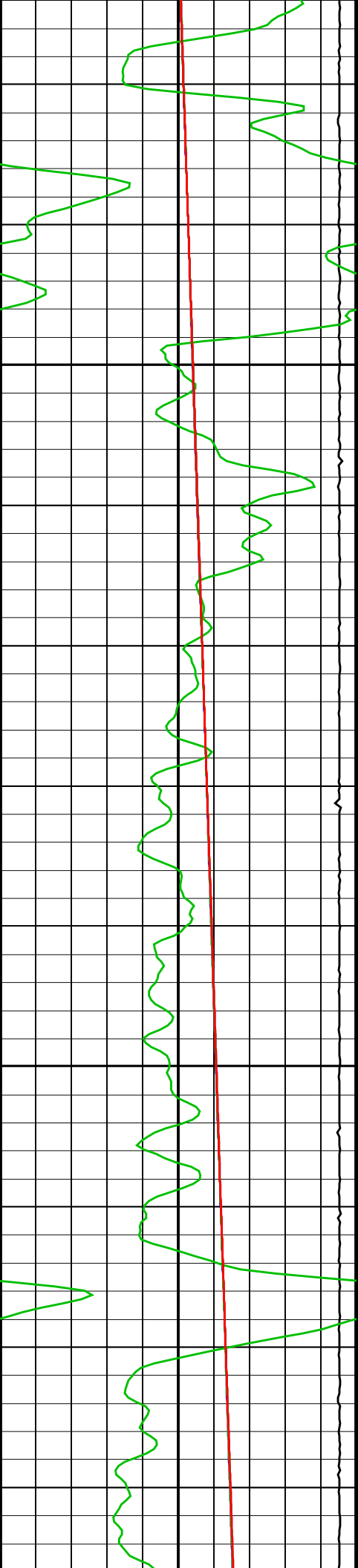




3325

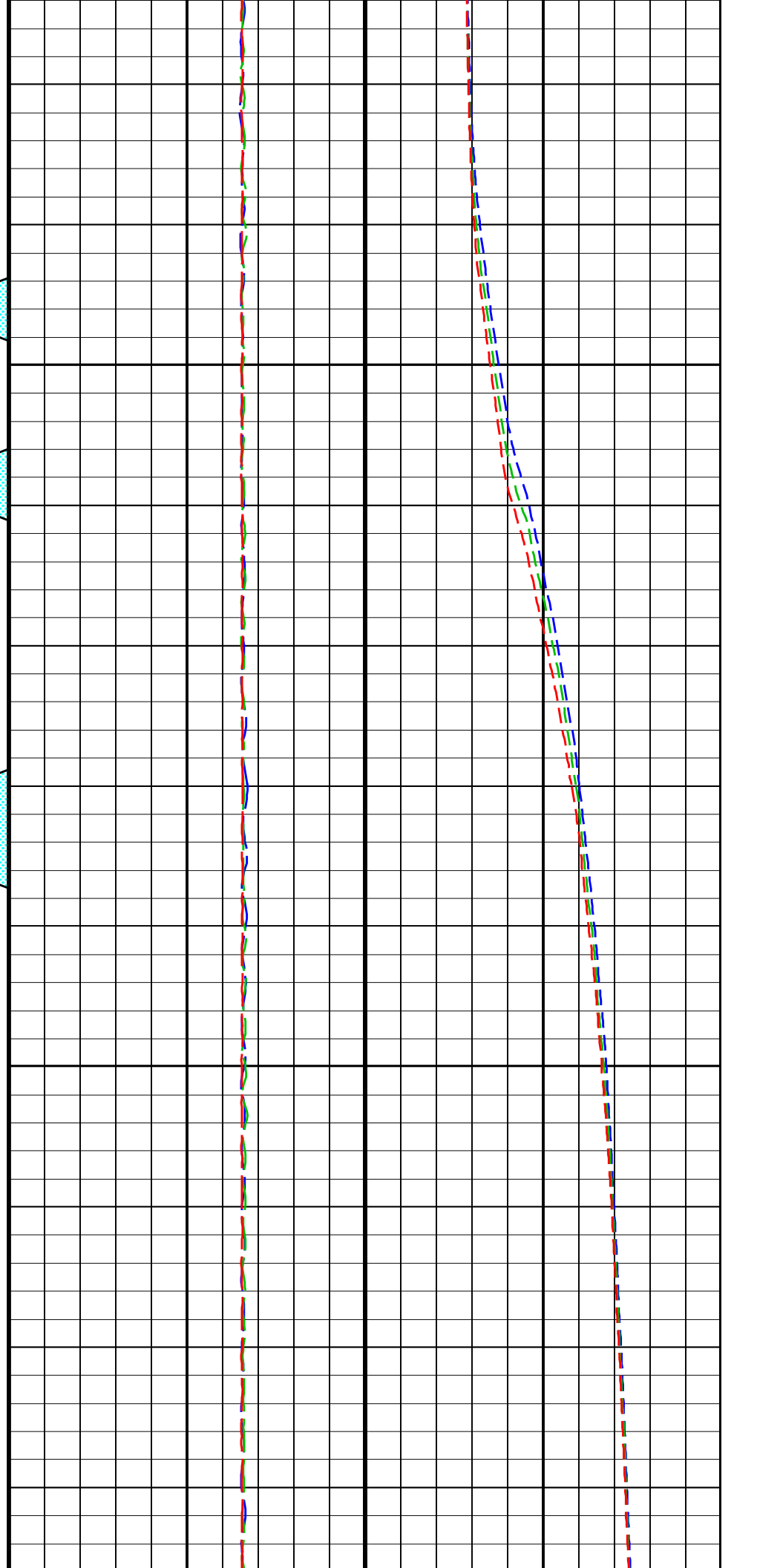
3350

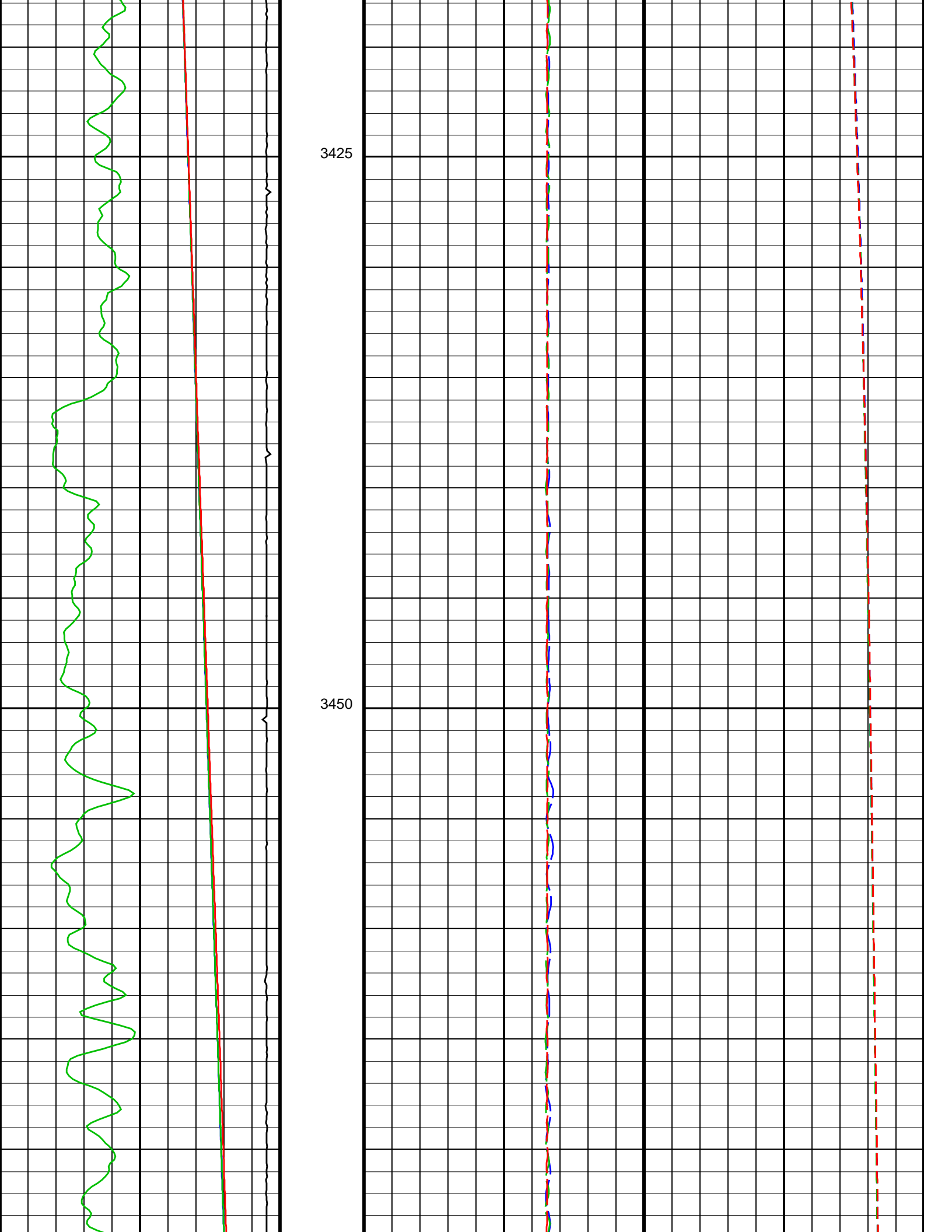




3375

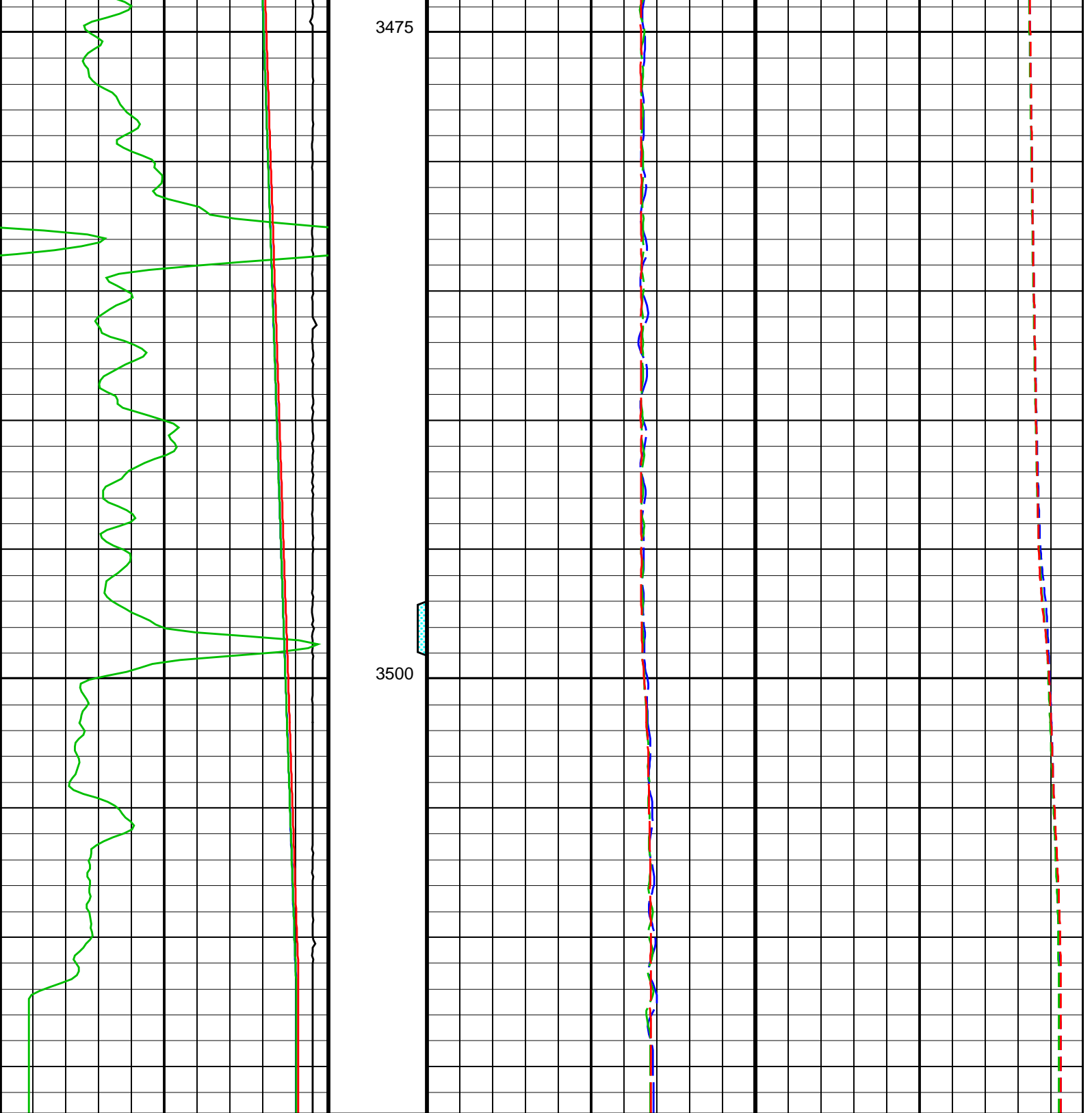
3400





3425

3450



<p>CCL [01] (P01CCL) (V)</p> <p>-19 1</p>	<p>Squeezed Perfo Zone (SPIF_DM)</p> <p>20 (----) 0</p>	<p>Fluid Density [03] (P03FDS) (G/C3)</p> <p>0 1.5 111</p>	<p>Fluid Temperature [03] (P03TMP) (DEGC)</p> <p>123</p>
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<p>Gamma-Ray [01] (P01LGR) (GAPI)</p> <p>0 150</p>	<p>Perfo Zone From PERFO_CURVE to D3T</p>	<p>Fluid Density [02] (P02FDS) (G/C3)</p> <p>0 1.5 111</p>	<p>Fluid Temperature [02] (P02TMP) (DEGC)</p> <p>123</p>
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<p>Well Pressure [03] (P03BP)</p>	<p>Squeezed Perfo Zone From</p>	<p>Fluid Density [01] (P01FDS)</p>	<p>Fluid Temperature [01] (P01TMP)</p>
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Well Pressure [03] (P03LPR) 4200 (PSIA) 4700	CASED_ HOLE/SQ UEEZED_ PERFO/C V to D3T	0	Fluid Density [01] (P01_D3) (G/C3)	1.5	111	Fluid Temperature [01] (P01_Tmr) (DEGC)	123
Well Pressure [02] (P02LPR) 4200 (PSIA) 4700							
Well Pressure [01] (P01LPR) 4200 (PSIA) 4700							

Format: Merged Sensors Vertical Scale: 1:200 Graphics File Created: 19-Jun-2009 03:55

OP System Version: 17C0-154

PFCs-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

Output DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_054PUP	FN:64	PRODUCER	19-Jun-2009 03:55
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Static Station Summary

MAXIS Field Log

Schlumberger PLQL SPL Table Summary

Depth (M)	Diameter (IN)	Fluid Density (G/C3)	Pressure (PSIA)	Temp (DEGC)	Spinner (RPS)
3330.0	8.55	0.988	4403.0	114.1	-0.9
3210.0	8.45	0.429	4257.7	113.1	5.8



Static Station...3210.0 m

Company: ROC Oil.

Well: Basker 5

Input DLIS Files

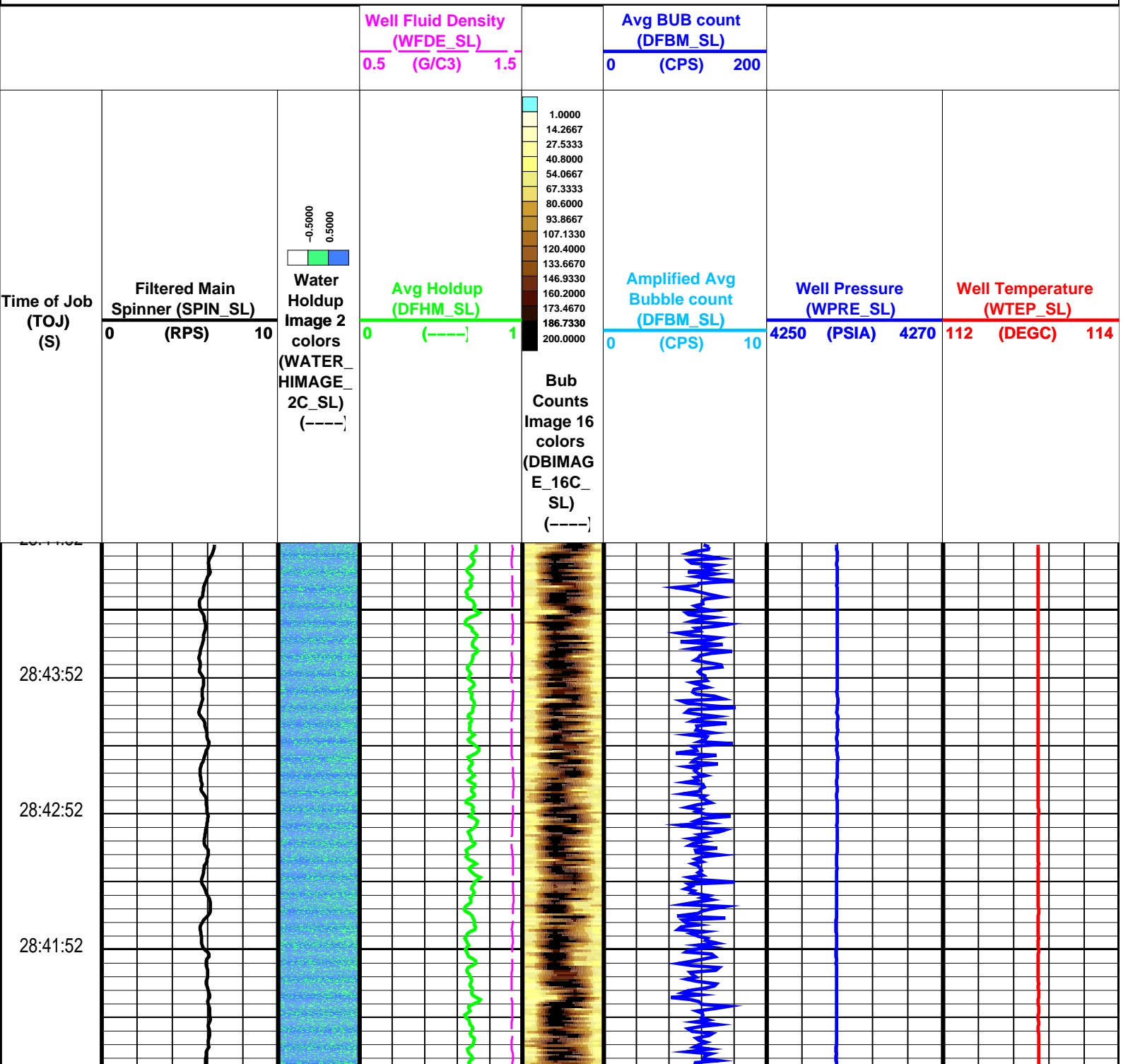
DEFAULT FCS_GMS_ILS_PSP_032LTP FN:43 PRODUCER 18-Jun-2009 04:36 3210.0 M

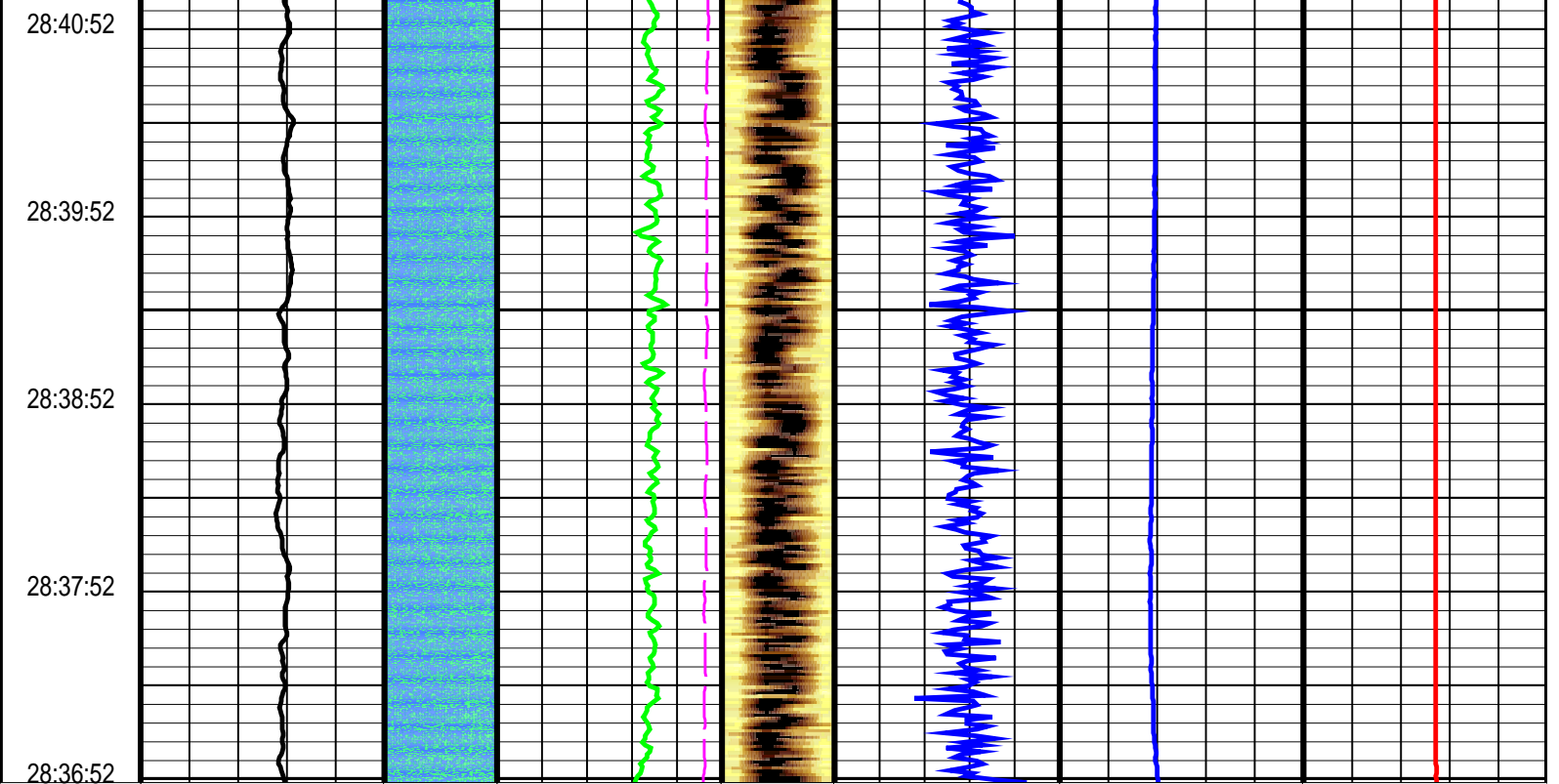
Output DLIS Files

DEFAULT FCS_GMS_ILS_PSP_066PTP FN:76 PRODUCER 19-Jun-2009 04:33 3210.0 M

OP System Version: 17C0-154

PFCS-A 17C0-154 PGMC-B 17C0-154
 PILS-A 17C0-154 PSPT-A 17C0-154





Time of Job (TOJ) (S)	Filtered Main Spinner (SPIN_SL)	Water Holdup Image 2 colors (WATER_HIMAGE_2C_SL)	Avg Holdup (DFHM_SL)	Bub Counts Image 16 colors (DBIMAG_E_16C_SL)	Amplified Avg Bubble count (DFBM_SL)	Well Pressure (WPRE_SL)	Well Temperature (WTEP_SL)
	0 (RPS) 10	-0.5000 0.5000	0 (----) 1	1.0000 14.2667 27.5333 40.8000 54.0667 67.3333 80.6000 93.8667 107.1330 120.4000 133.6670 146.9330 160.2000 173.4670 186.7330 200.0000	0 (CPS) 10	4250 (PSIA) 4270	112 (DEGC) 114

Well Fluid Density (WFDE_SL)	Avg BUB count (DFBM_SL)
0.5 (G/C3) 1.5	0 (CPS) 200

Format: PFCS_Image_SL Vertical Scale: 1" per 60S Graphics File Created: 19-Jun-2009 04:33

OP System Version: 17C0-154

PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

Parameters

DLIS Name	Description	Value
	PFCS-A: PSP Flow and caliper Tool	
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB
DDRS	Dual DEFT RB Source	D1RB
DFBD	DEFT Blank Disallowed Probes	NO
DFFI	DEFT Flip Image	NO
DFII	DEFT Image Interpolation	YES

DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
GDEV	Average Angular Deviation of Borehole from Normal	20	DEG
SDCF	Spinner Depth Constant Filter	6	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
PGMC-B: PSP Gradiomanometer Measurement Module			
PDSH	Gradio Correction Density Shift	0	G/C3
PILS-A: PSP In Line Spinner Flowmeter			
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
SDCF	Spinner Depth Constant Filter	6	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
PSPT-A: Production Services Logging Platform			
GDEV	Average Angular Deviation of Borehole from Normal	20	DEG
System and Miscellaneous			
PP	Playback Processing	NORMAL	

Input DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_032LTP	FN:43	PRODUCER	18-Jun-2009 04:36	3210.0 M
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Output DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_066PTP	FN:76	PRODUCER	19-Jun-2009 04:33	
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Static Station...3330.0 m

MAXIS Field Log

Company: ROC Oil. Well: Basker 5

Input DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_031LTP	FN:42	PRODUCER	18-Jun-2009 04:29	3330.0 M
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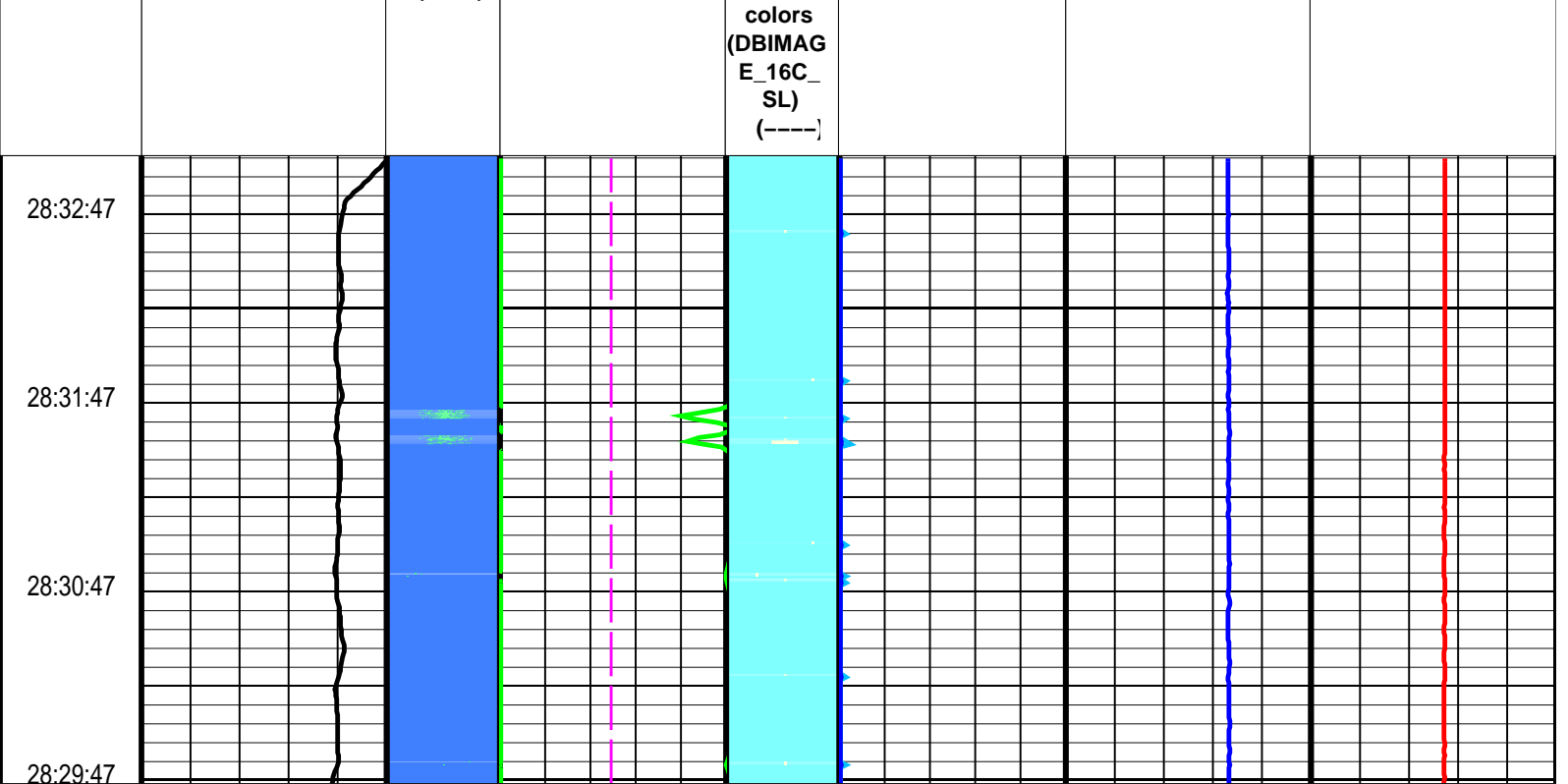
Output DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_063PTP	FN:73	PRODUCER	19-Jun-2009 04:31	3330.0 M
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OP System Version: 17C0-154

PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

		Well Fluid Density (WFDE_SL)			Avg BUB count (DFBM_SL)		
		0.5 (G/C3) 1.5			0 (CPS) 100		
Time of Job (TOJ) (S)	Filtered Main Spinner (SPIN_SL)	Water Holdup Image 2 colors (WATER_ HIMAGE_ 2C_SL) (----)	Avg Holdup (DFHM_SL)	Bub Counts Image 16	Amplified Avg Bubble count (DFBM_SL)	Well Pressure (WPRESL)	
	-5 (RPS) 0					0 (----) 1	0 (CPS) 10



Time of Job (TOJ) (S)	Filtered Main Spinner (SPIN_SL)	Water Holdup Image 2 colors (WATER_2C_SL)	Avg Holdup (DFHM_SL)	Bub Counts Image 16 colors (DBIMAG_E_16C_SL)	Amplified Avg Bubble count (DFBM_SL)	Well Pressure (WPRE_SL)	Well Temperature (WTEP_SL)
	-5 (RPS) 0	-0.5000 0.5000	0 (----) 1	0 100.0000	0 (CPS) 10	4390 (PSIA) 4410	113 (DEGC) 115

Well Fluid Density (WFDE_SL)	Avg BUB count (DFBM_SL)
0.5 (G/C3) 1.5	0 (CPS) 100

Format: PFCS_Image_SL Vertical Scale: 1" per 60S Graphics File Created: 19-Jun-2009 04:31

OP System Version: 17C0-154

PFCS-A	17C0-154	PGMC-B	17C0-154
PILS-A	17C0-154	PSPT-A	17C0-154

Parameters

DLIS Name	Description	Value
PFCS-A:	PSP Flow and caliper Tool	
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB
DDRS	Dual DEFT RB Source	D1RB
DFBD	DEFT Blank Disallowed Probes	NO
DFFI	DEFT Flip Image	NO
DFII	DEFT Image Interpolation	YES

DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
GDEV	Average Angular Deviation of Borehole from Normal	20	DEG
SDCF	Spinner Depth Constant Filter	6	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
PDSH	PGMC-B: PSP Gradiomanometer Measurement Module		
	Gradio Correction Density Shift	0	G/C3
AMOD	PILS-A: PSP In Line Spinner Flowmeter		
SDCF	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
SPIN	Spinner Depth Constant Filter	6	
	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
GDEV	PSPT-A: Production Services Logging Platform		
	Average Angular Deviation of Borehole from Normal	20	DEG
PP	System and Miscellaneous		
	Playback Processing		NORMAL

Input DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_031LTP	FN:42	PRODUCER	18-Jun-2009 04:29	3330.0 M
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Output DLIS Files

DEFAULT	FCS_GMS_ILS_PSP_063PTP	FN:73	PRODUCER	19-Jun-2009 04:31	
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Before Calibration

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
PSP Flow and caliper Tool Wellsite Calibration – PFCS Caliper Calibration							
Before: 17-Jun-2009 22:29							
PFCS CaliperX Small Ring	8.000	N/A	7.826	N/A	N/A	N/A	IN
PFCS CaliperX Large Ring	10.50	N/A	11.71	N/A	N/A	N/A	IN
PFCS CaliperY Small Ring	8.000	N/A	8.247	N/A	N/A	N/A	IN
PFCS CaliperY Large Ring	10.50	N/A	11.71	N/A	N/A	N/A	IN

PSP Flow and caliper Tool / Equipment Identification

Primary Equipment:			
PFCS Cartridge		PFCC – A	1982 1982
PFCS Caliper		Cali –	1982 1982
PFCS Relative Bearing		Rela –	1982 1982
PFCS Fluid Holdup Electric Probes		Hold –	1982 1982
PFCS 4.5 Spinner Diameter		Spin –	
Auxiliary Equipment:			
PFCS Cartridge Housing		PFCH – A	1982 1982

PSP Flow and caliper Tool Wellsite Calibration

PFCS Caliper Calibration											
Phase	PFCS CaliperX Small Ring	IN	Value	Phase	PFCS CaliperX Large Ring	IN	Value	Phase	PFCS CaliperY Small Ring	IN	Value
Before			7.826	Before			11.71	Before			8.247
	N/A (Minimum)	8.000 (Nominal)	N/A (Maximum)		N/A (Minimum)	10.50 (Nominal)	N/A (Maximum)		N/A (Minimum)	8.000 (Nominal)	N/A (Maximum)
Phase	PFCS CaliperY Large Ring	IN	Value								
Before			11.71								

N/A (Minimum)	10.50 (Nominal)	N/A (Maximum)
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Before: 17-Jun-2009 22:29

Company: **ROC Oil.**

Schlumberger

Well: **Basker 5**

Field: **Basker**

Rig: **Ocean Patriot**

Country: **Australia**

Production Services Platform

Flo-View - Production Log

17-June-2009