

**Company: ROC OIL.**

**Well: Basker 5**

**Field: Basker**

**Rig: Ocean Patriot**

**Country: Australia**

**Production Services Platform  
Memory 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
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Logging Date	17-Jun-2009		
Run Number	One		
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	1.75 lbm/gal		
Fluid Level			
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	17-Jun-2009	Time	10:57
Unit Number	1909	Location	AUSL
Recorded By	S Gilbert, J Hollingworth		
Witnessed By	Ivan Parkhurst		

**PVT DATA**

	Run 1	Run 2	Run 3
Oil Density			
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	

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Unit Number	1909	Location	AUSL
Recorded By	S Gilbert, J Hollingworth		
Witnessed By	Ivan Parkhurst		

**DISCLAIMER**

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**OTHER SERVICES1**

OS1: PLT  
 OS2:  
 OS3:  
 OS4:  
 OS5:

**REMARKS: RUN NUMBER 1**

Objective: Run Gamma-Ray , Pressure , Temperature , In-Line Spinner  
 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 log performed completed @ 3324m MDRT  
 Well Correlated to Schlumberger Open hole log Dated 28-Mar-2006  
 Maximum Well Deviation = 33.18 deg  
 2.675" Dummy Plug ran with MPLT on SLB Slick line.

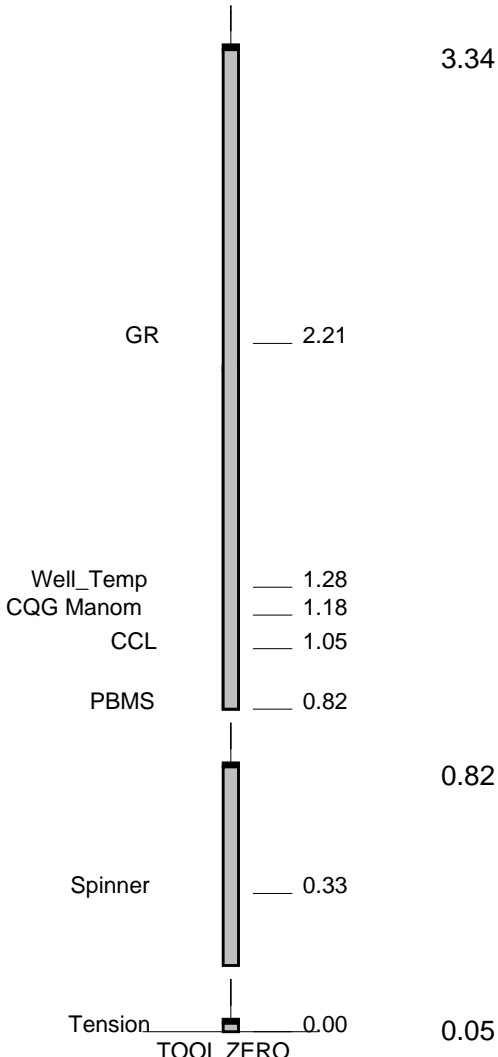
SLB Crew: J Annear , G Blandford ( Days )  
 P Lawrence , C Shiells ( Nights )

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

**EQUIPMENT DESCRIPTION**

RUN 1	RUN 2
SURFACE EQUIPMENT	
DOWNHOLE EQUIPMENT	

PSRP-A/B 1750  
 PRMC32 767  
 PSRP-B  
 PBMS-B 1750  
 CQG\_F\_Manom  
 RTD\_Thermometer  
 GR  
 CCL  
 PBMS



MAXIMUM STRING DIAMETER 1.69 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	

Kelly Bushing Elevation  
Derrick Floor Elevation

21.5  
21.5

Mean Sea Level

0.0

Tubing  
TRSSV

4.500  
4.500

0.0  
232.3

0.0

Casing String

Gas Lift Mandrel

4.500

2663.8

1001.2 13.375

Casing Shoe

Sliding Sleeve

4.500

3028.4

Packer

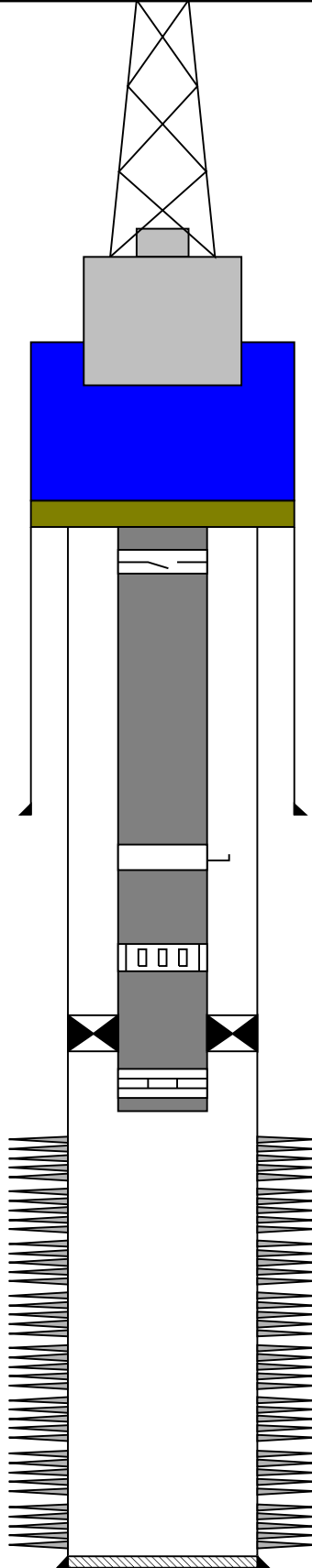
9.625 4.500

3045.3

3.456" RN Nipple

4.500

3066.7



3205.0  
3208.0  
3211.0  
3219.0  
3335.0  
3338.0  
3352.0  
3354.5  
3372.0  
3374.5  
3378.0  
3380.5  
3489.5  
3493.5  
3497.0  
3499.0

Perforation Zone  
Perforation Zone Bottom  
Perforation Zone  
Perforation Zone Bottom  
Perforation Zone  
Perforation Zone Bottom  
Perforation Zone  
Perforation Zone Bottom  
Perforation Zone  
Perforation Zone Bottom  
Perforation Zone  
Perforation Zone Bottom  
Perforation Zone  
Perforation Zone Bottom  
Perforation Zone  
Perforation Zone Bottom  
Casing Shoe

9.625

**Schlumberger**

**Static Log down @ 2000ft/hr**

MAXIS Field Log

Company: ROC Oil.

Well: Basker 5

**Input DLIS Files**

DEFAULT	ILS_PSP_015PUP	FN:32	PRODUCER	17-Jun-2009 17:43	3536.7 M	3159.3 M
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**Output DLIS Files**

DEFAULT	ILS_PSP_055PUP	FN:95	PRODUCER	19-Jun-2009 05:27	3536.7 M	3184.9 M
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**OP System Version: 17C0-154**

PILS-A	17C0-154	PSRP-A/B	17C0-154
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PIP SUMMARY

Time Mark Every 60 S

-40

(RPS)

20

Well Pressure (WPRE)

4200

(PSIA)

4700

Well Temperature (WTEP)

111

(DEGC)

123

Gamma Ray (GR)

(GAPI)

0

150

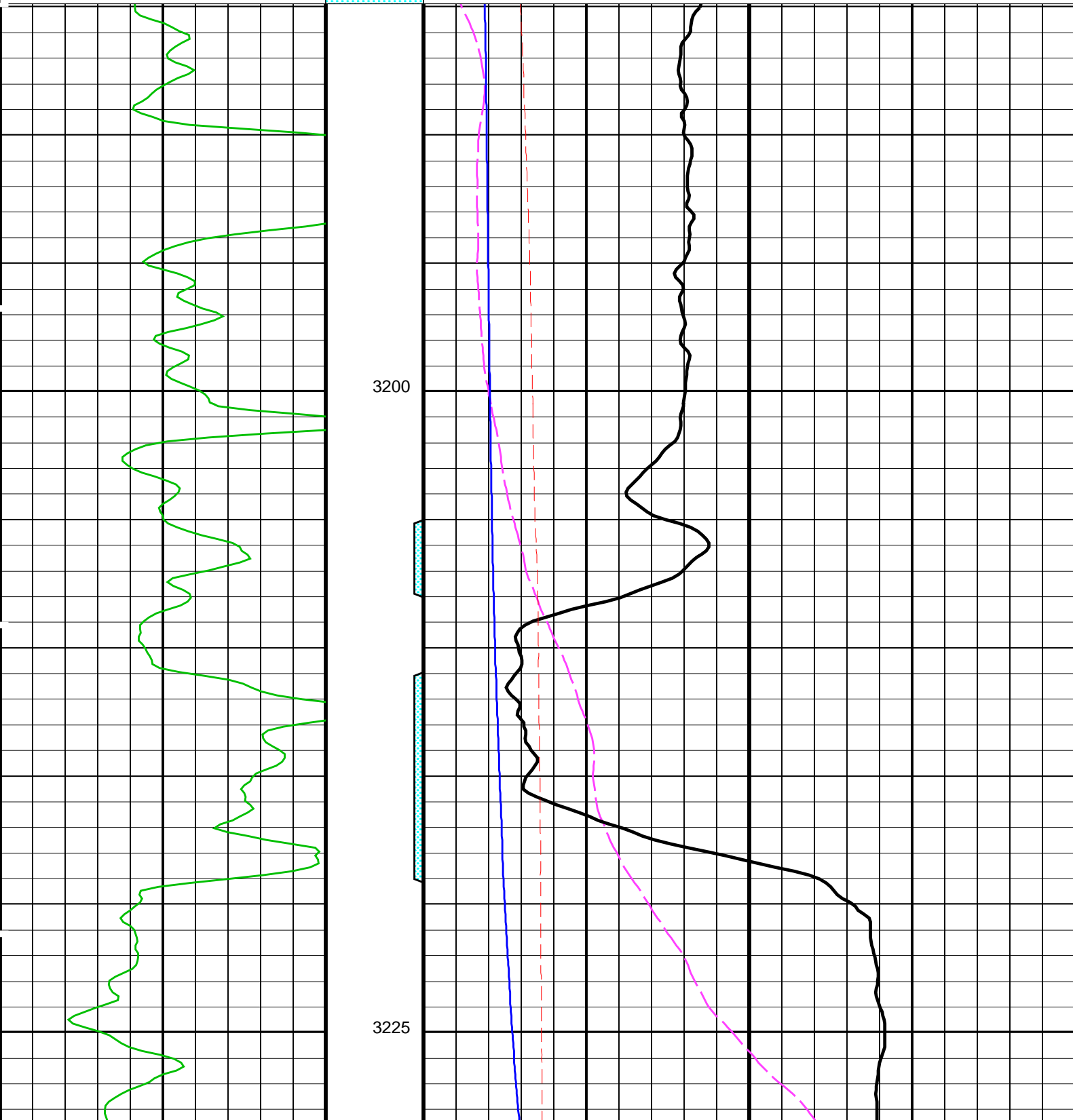
Perfo  
Zone  
From  
PERFO\_  
CURVE to  
D3T

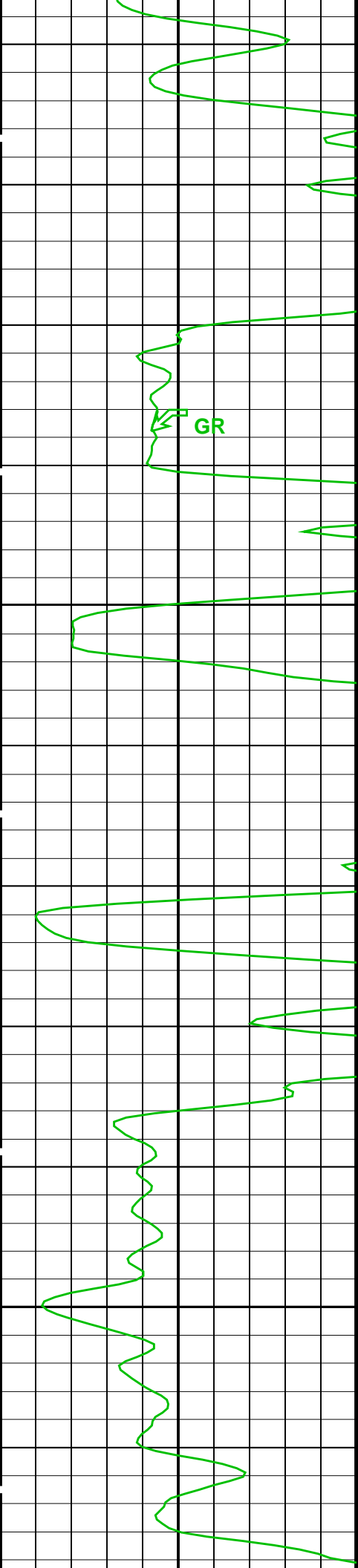
Manometer Well Fluid Density (MWFD)

(G/C3)

0

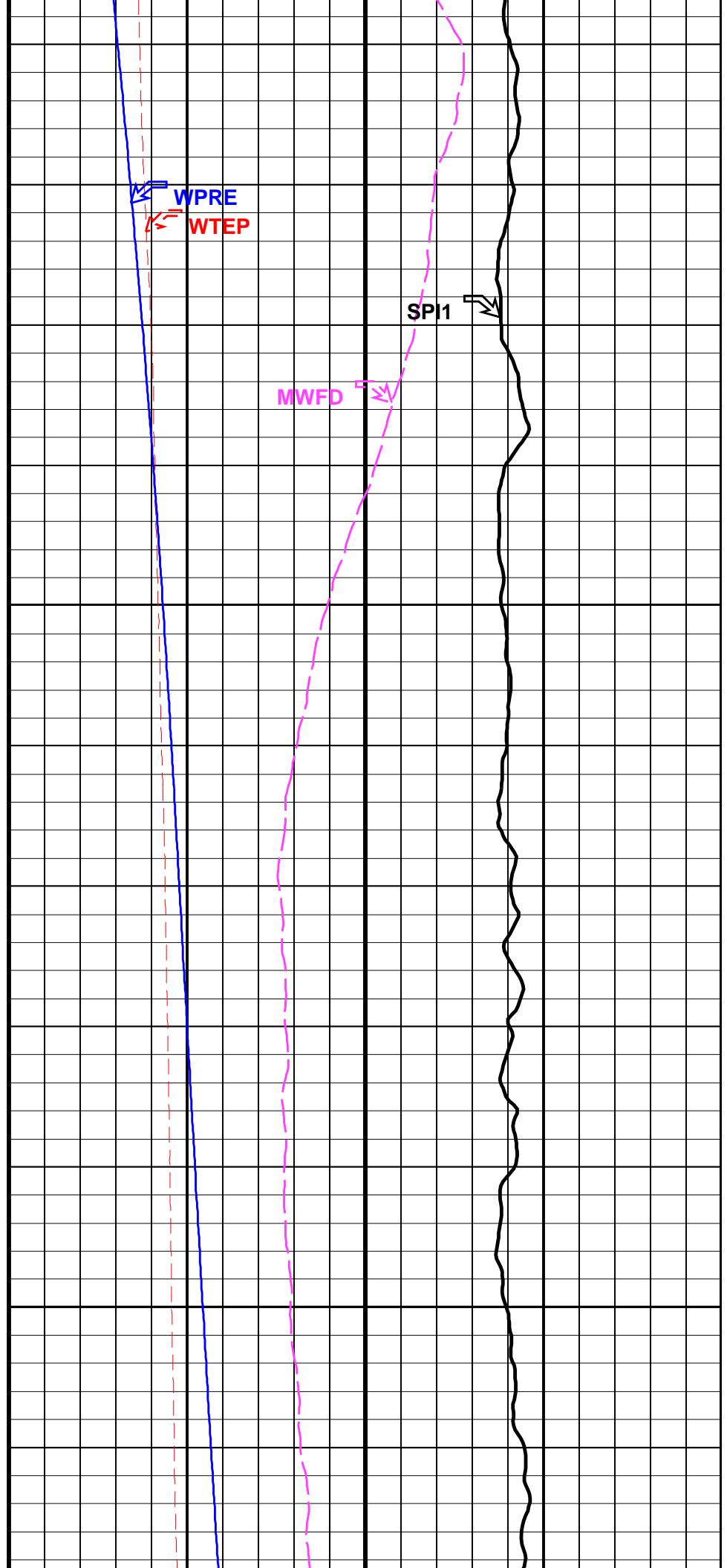
2

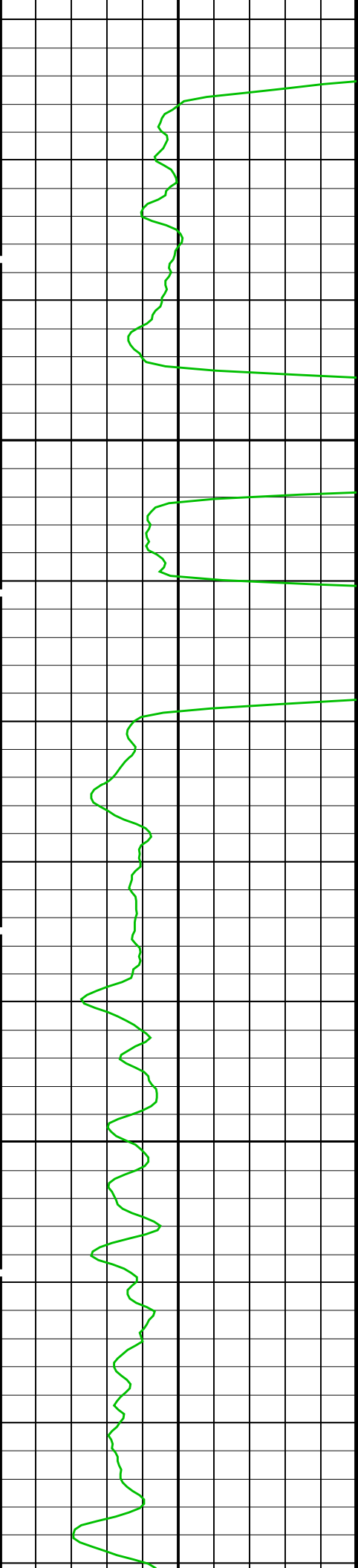




3250

3275





3300

3325

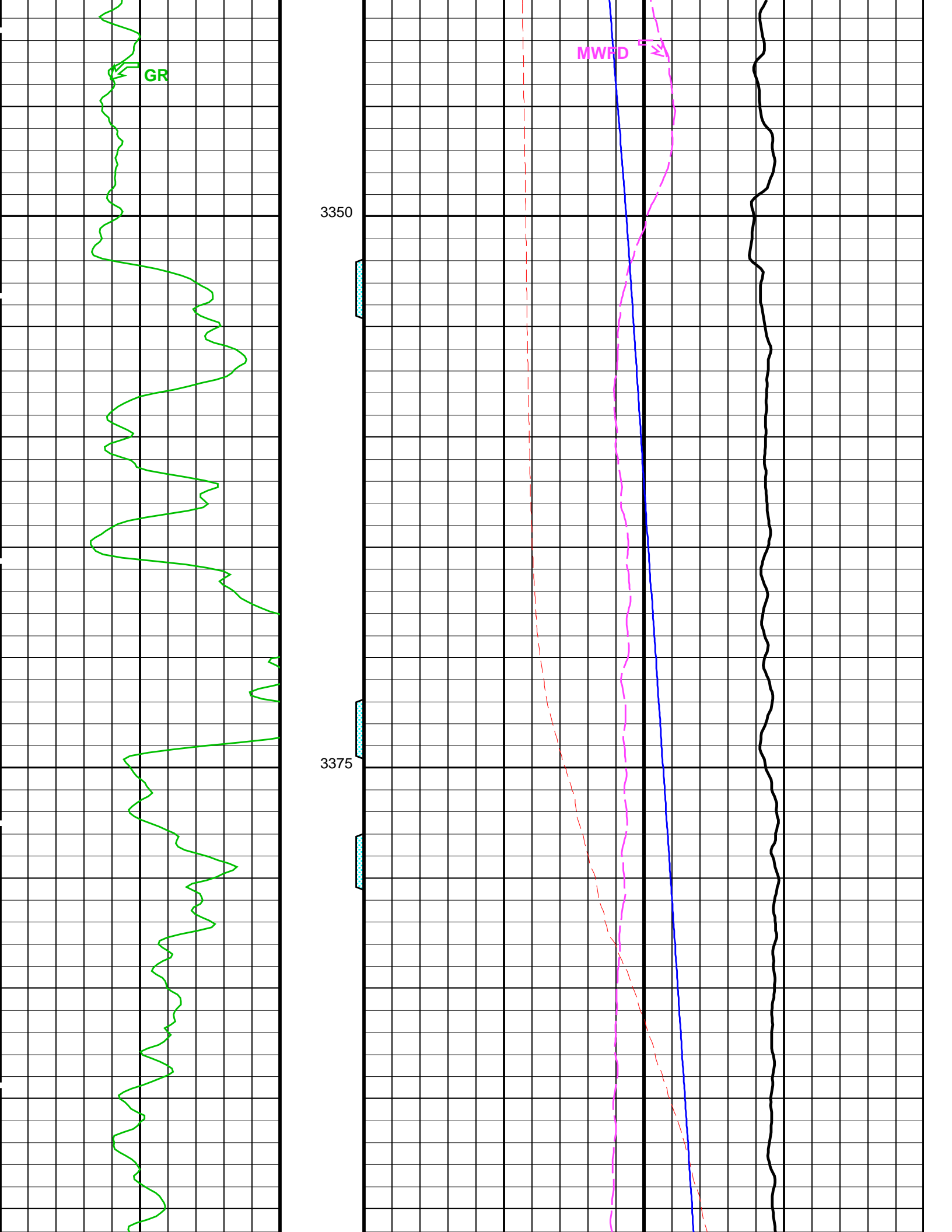


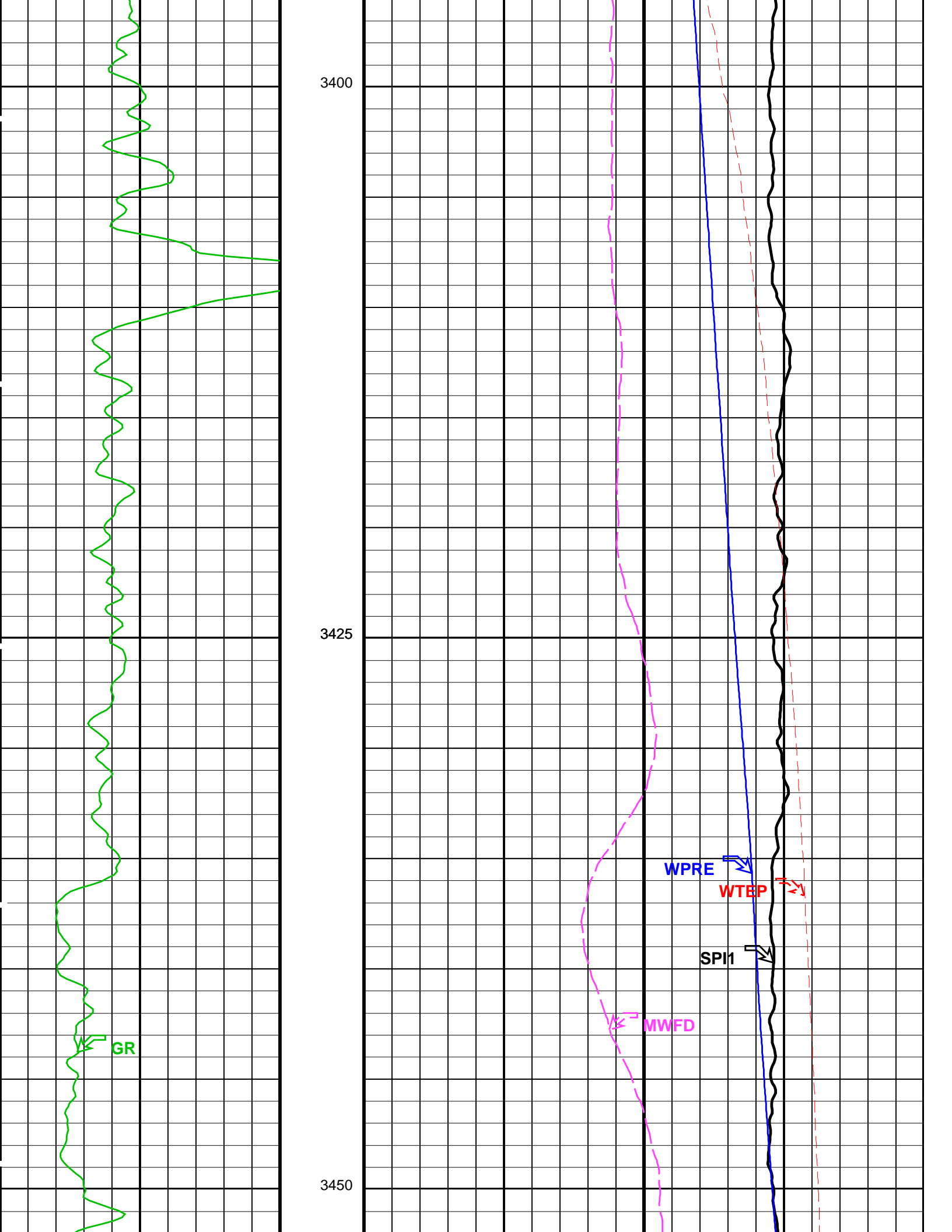
WTEP

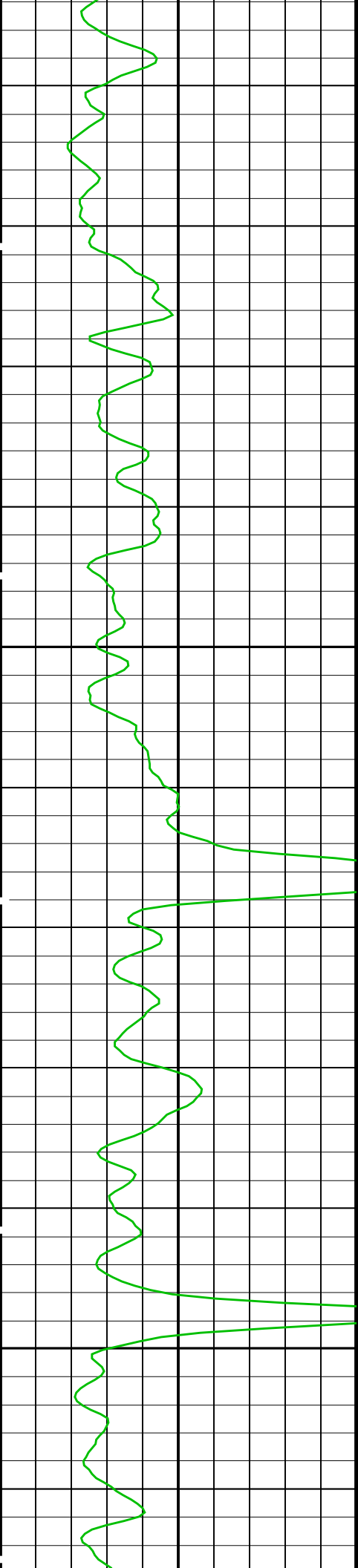
WPRE

SPI1



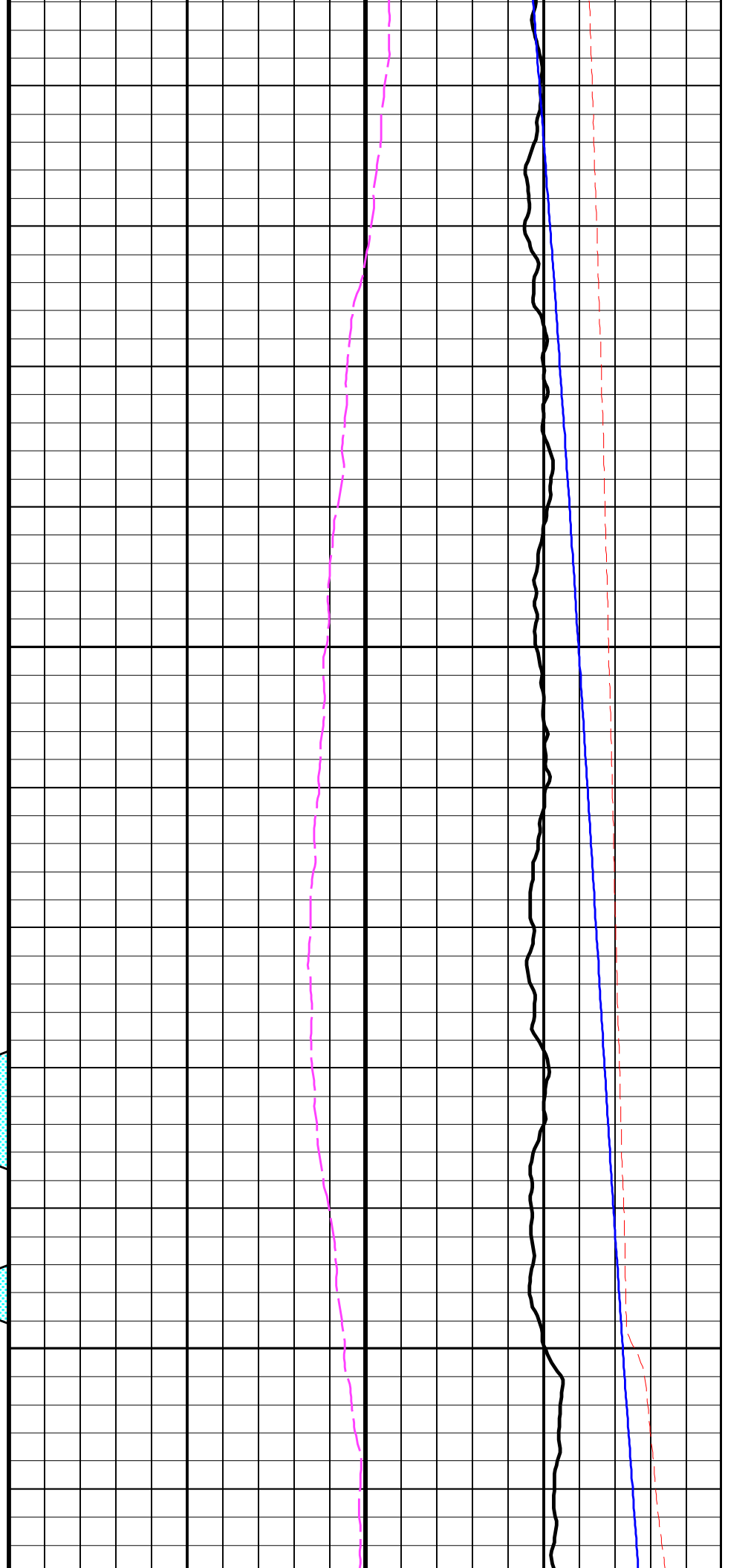


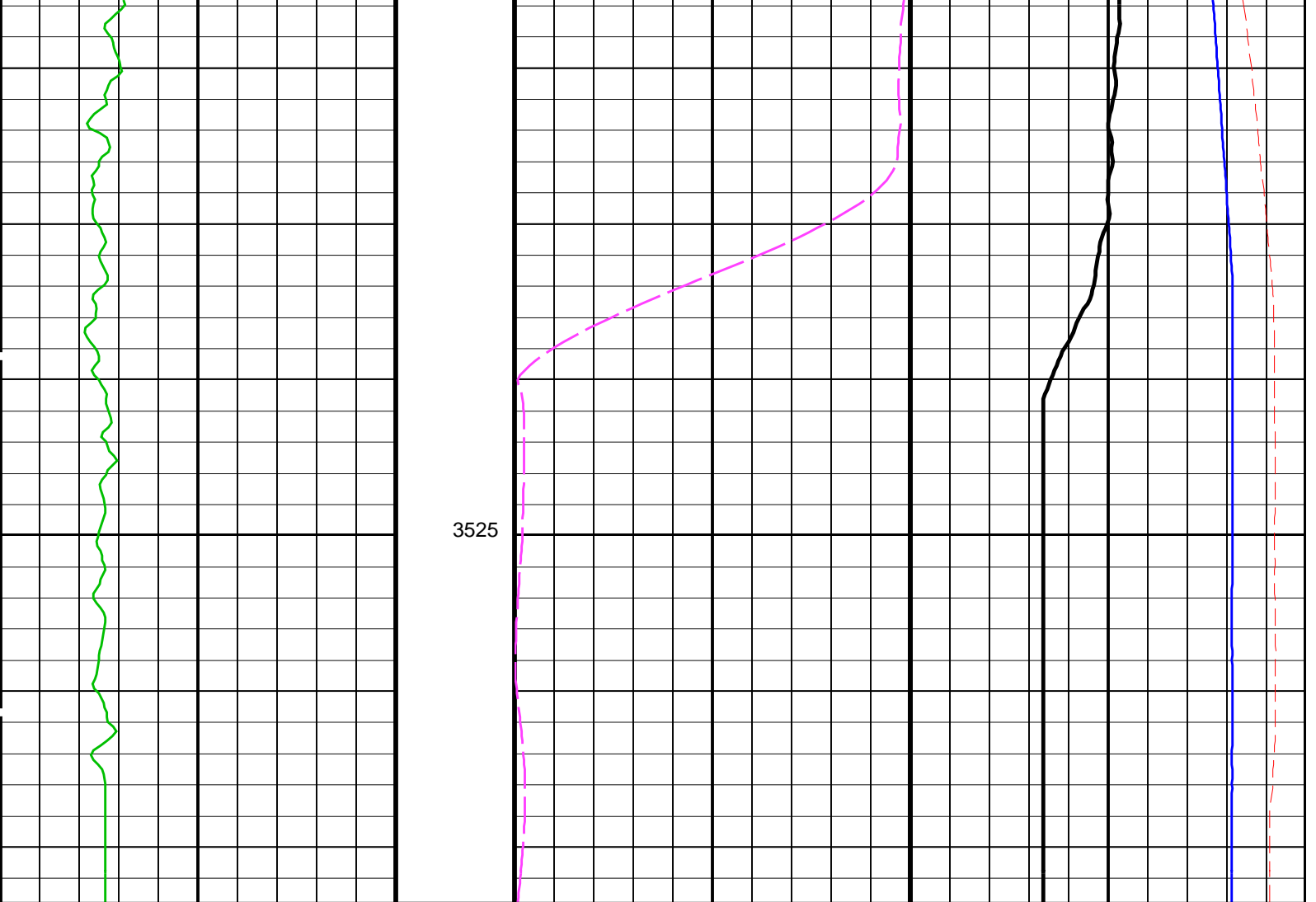




3475

3500





Gamma Ray (GR) (GAPI)	0	150	Perfo Zone From PERFO_ CURVE to D3T	Manometer Well Fluid Density (MWFD) (G/C3)	0	2
				Well Temperature (WTEP) (DEGC)	111	123
				Well Pressure (WPRE) (PSIA)	4200	4700
				Filtered Auxiliary Spinner 1 (SPI1) (RPS)	-40	20

PIP SUMMARY

Time Mark Every 60 S

Format: PSP\_1 Vertical Scale: 1:200

Graphics File Created: 19-Jun-2009 05:27

OP System Version: 17C0-154

PILS-A 17C0-154

PSRP-A/B

17C0-154

Parameters

DLIS Name	Description	Value
PILS-A:	PSP In Line Spinner Flowmeter	
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
SDCF	Spinner Depth Constant Filter	10
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A
PSRP-A/B:	Production Services Recorder Platform	

GDEV	Description of this pass	0	DEG
	Average Angular Deviation of Borehole from Normal		
DO	System and Miscellaneous	0.0	M
PP	Depth Offset for Playback		
	Playback Processing	RECOMPUTE	

### Input DLIS Files

DEFAULT	ILS_PSP_015PUP	FN:32	PRODUCER	17-Jun-2009 17:43	3536.7 M	3159.3 M
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### Output DLIS Files

DEFAULT	ILS_PSP_055PUP	FN:95	PRODUCER	19-Jun-2009 05:27		
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## Merged Static Spinner Survey

MAXIS Field Log

Company: ROC Oil.

Well: Basker 5

Company: ROC Oil.

Well: Basker 5

### PLQL Data Manager Files

- Pass # 1
- Pass # 2
- Pass # 3
- Pass # 4
- Pass # 5
- Pass # 6
- Pass # 7
- Pass # 8

Company: ROC Oil.

Well: Basker 5

### Output DLIS Files

DEFAULT	ILS_PSP_057PUP	FN:97	PRODUCER	19-Jun-2009 06:53	3474.0 M	3172.5 M
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### OP System Version: 17C0-154

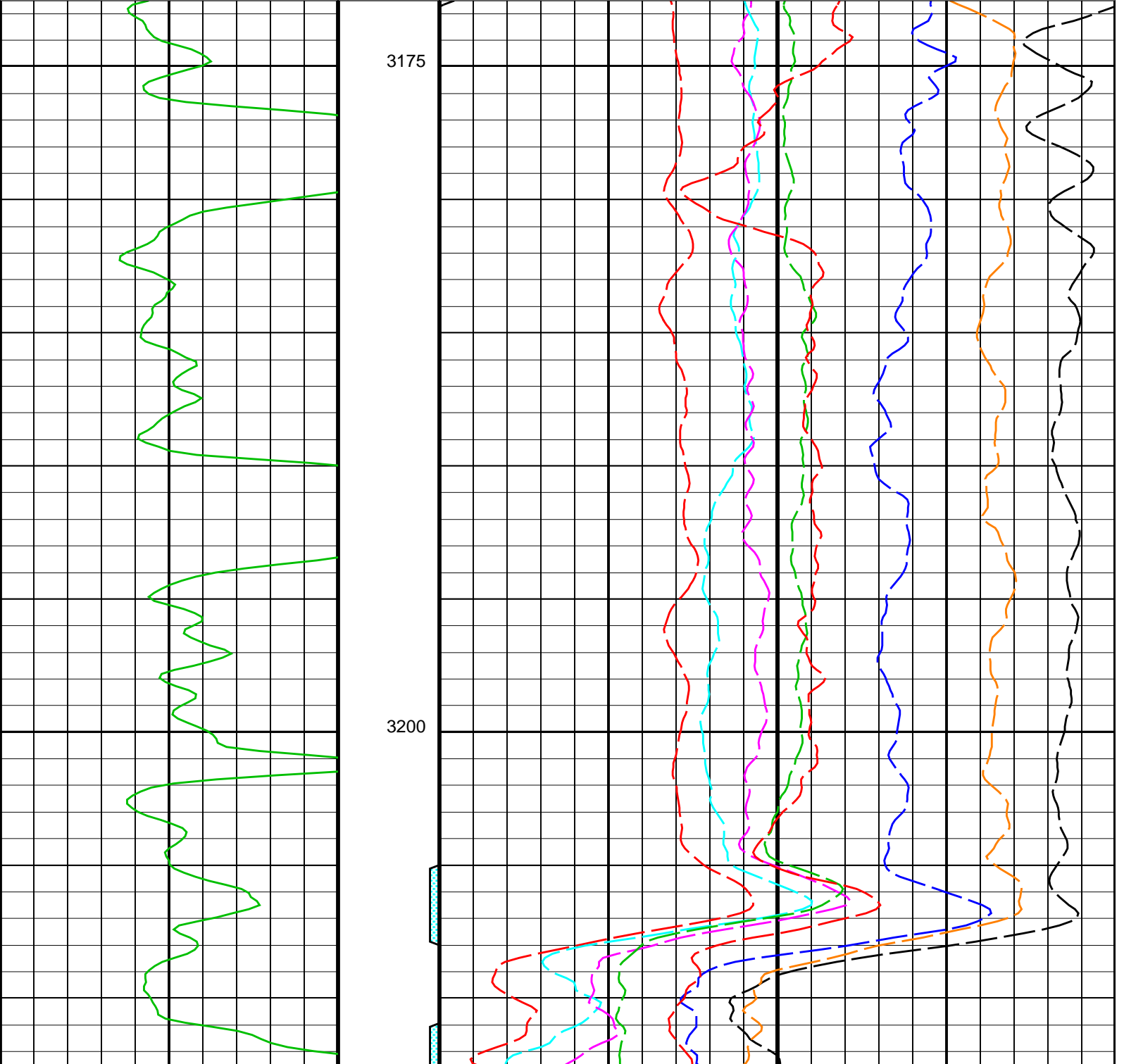
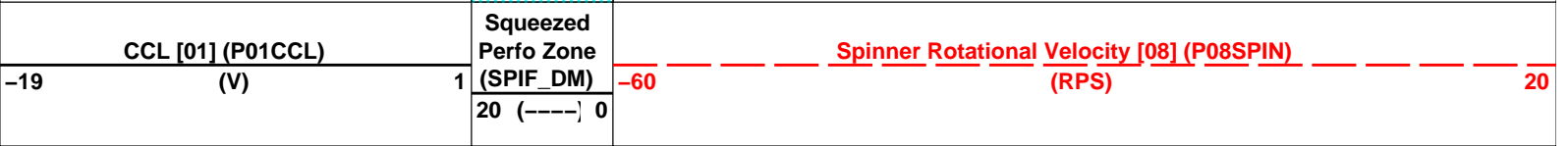
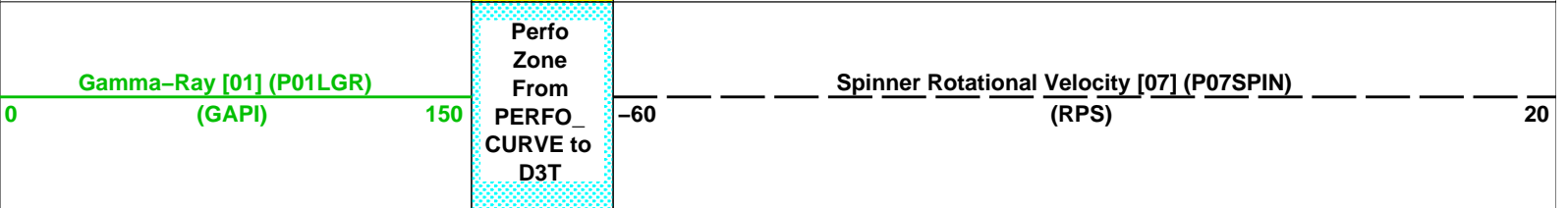
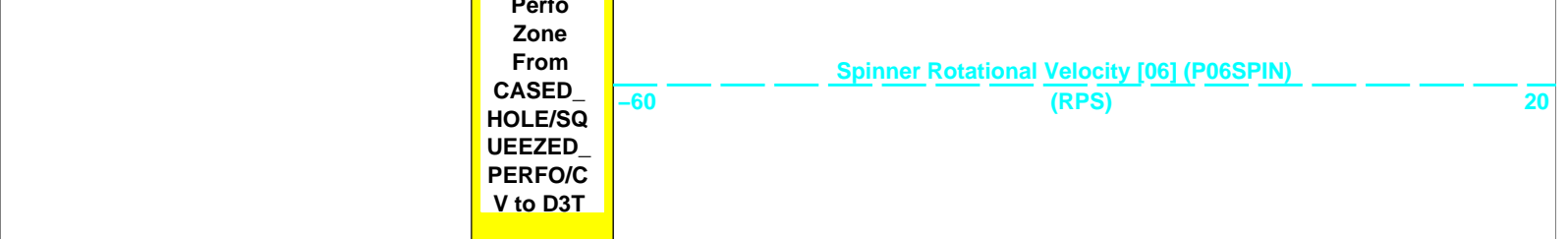
PILS-A 17C0-154

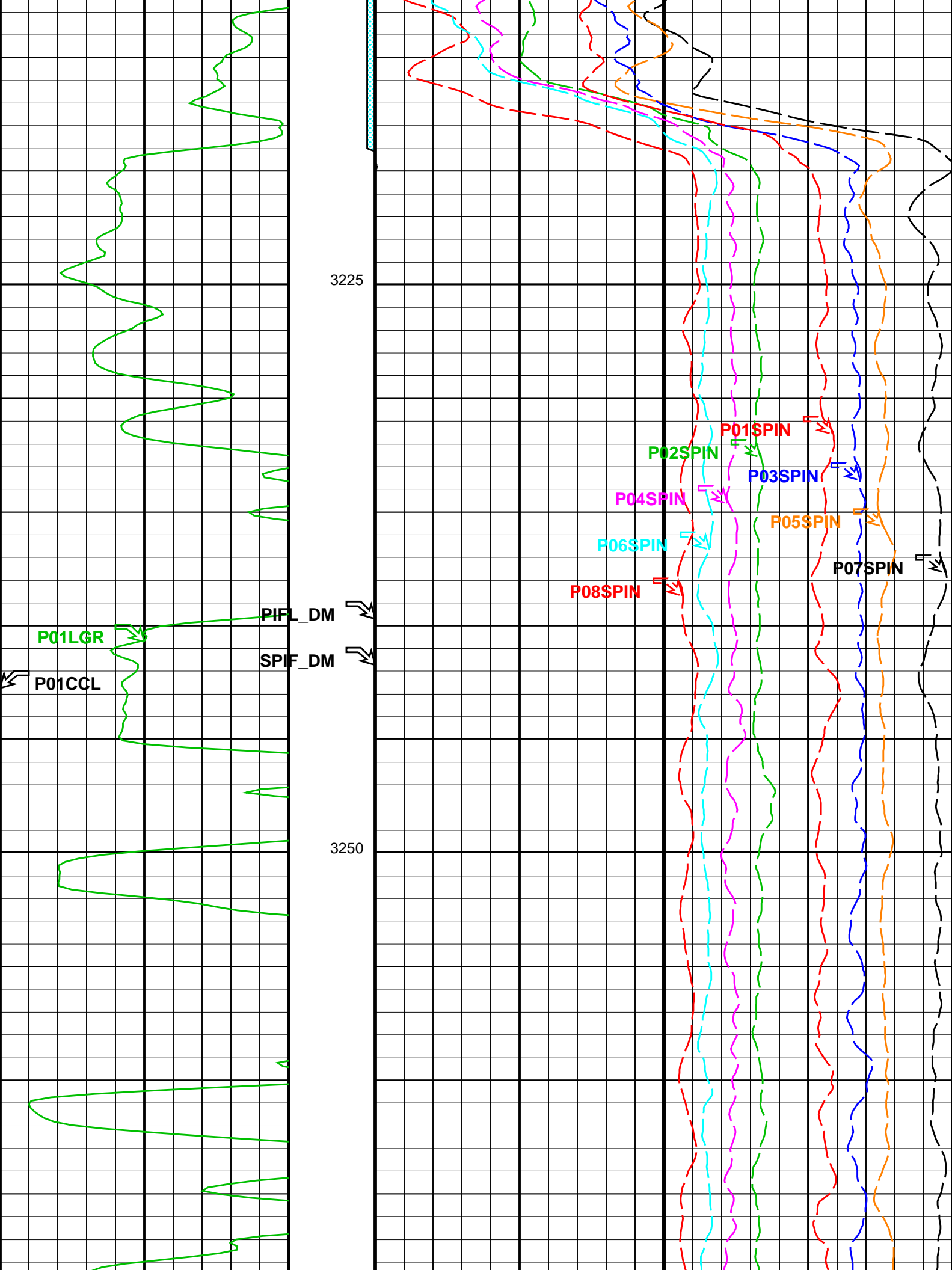
PSRP-A/B

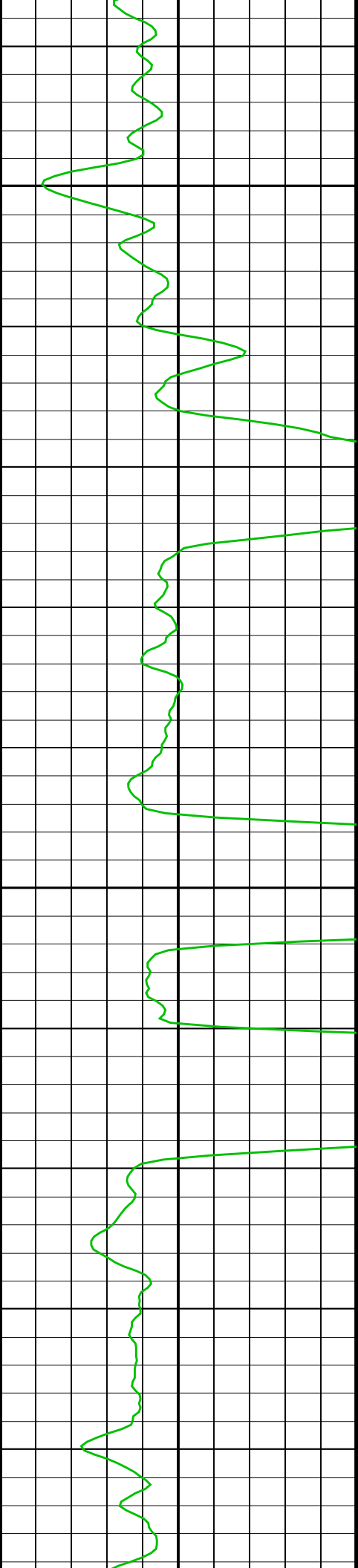
17C0-154

-60	<u>Spinner Rotational Velocity [01] (P01SPIN)</u> (RPS)	20
-60	<u>Spinner Rotational Velocity [02] (P02SPIN)</u> (RPS)	20
-60	<u>Spinner Rotational Velocity [03] (P03SPIN)</u> (RPS)	20
-60	<u>Spinner Rotational Velocity [04] (P04SPIN)</u> (RPS)	20
-60	<u>Spinner Rotational Velocity [05] (P05SPIN)</u> (RPS)	20

Squeezed

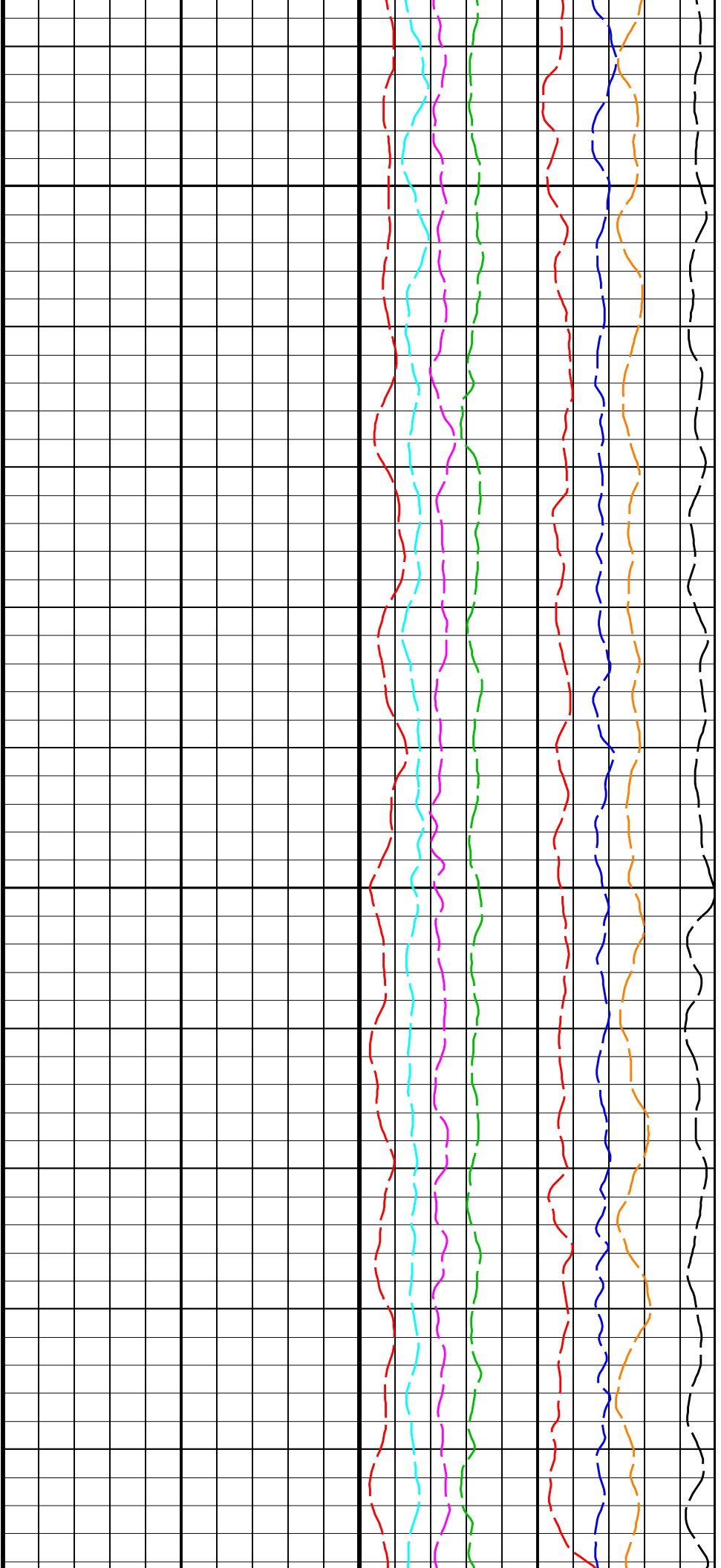




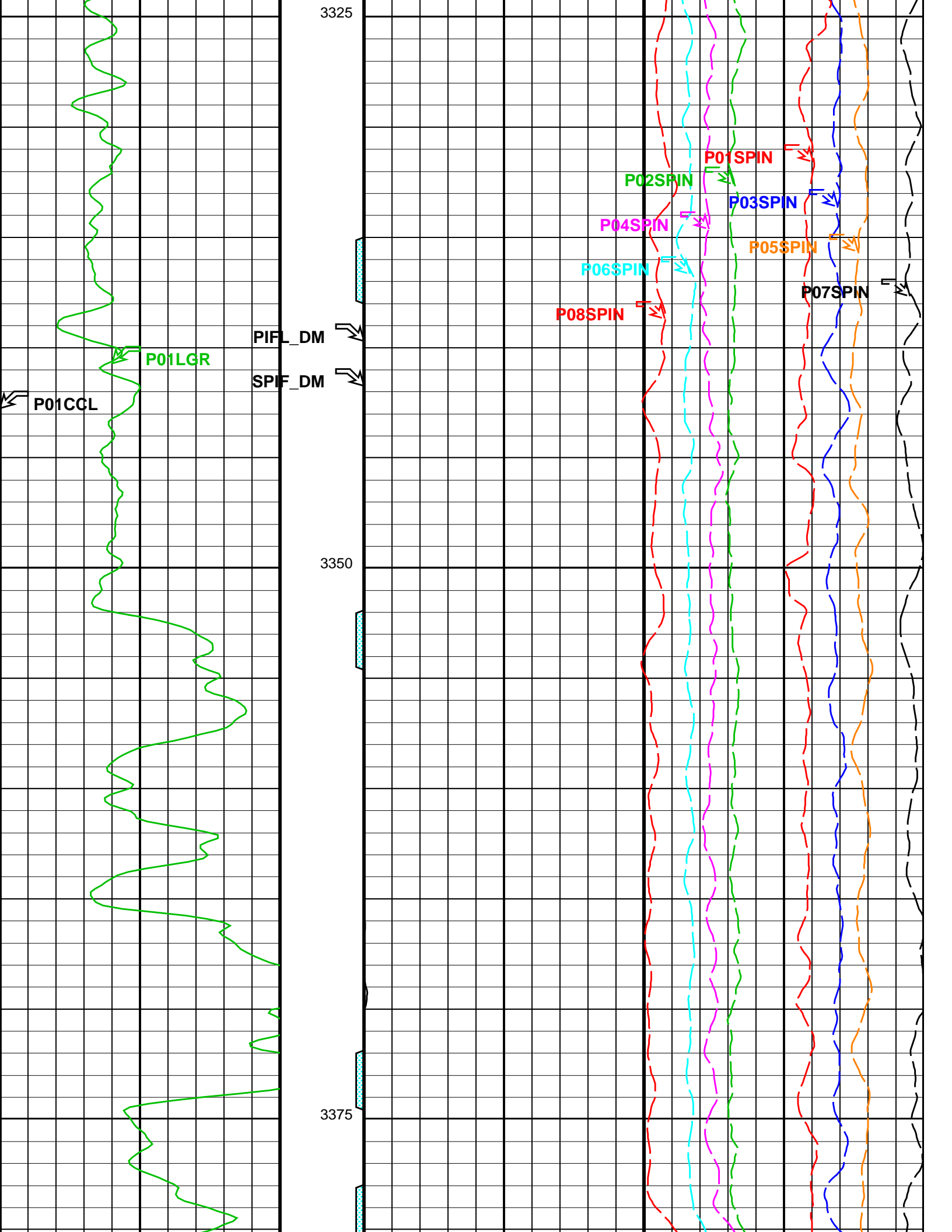


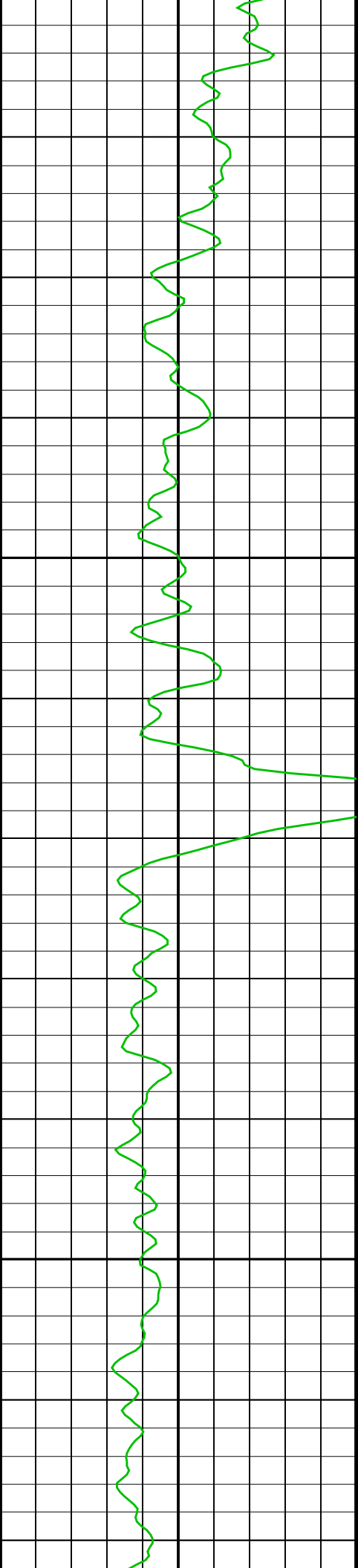
3275

3300



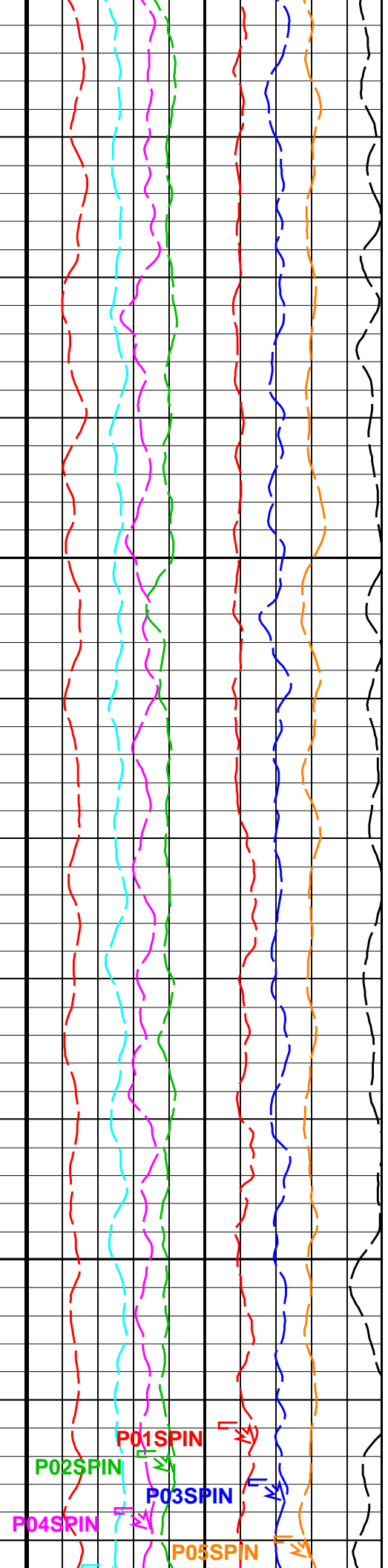


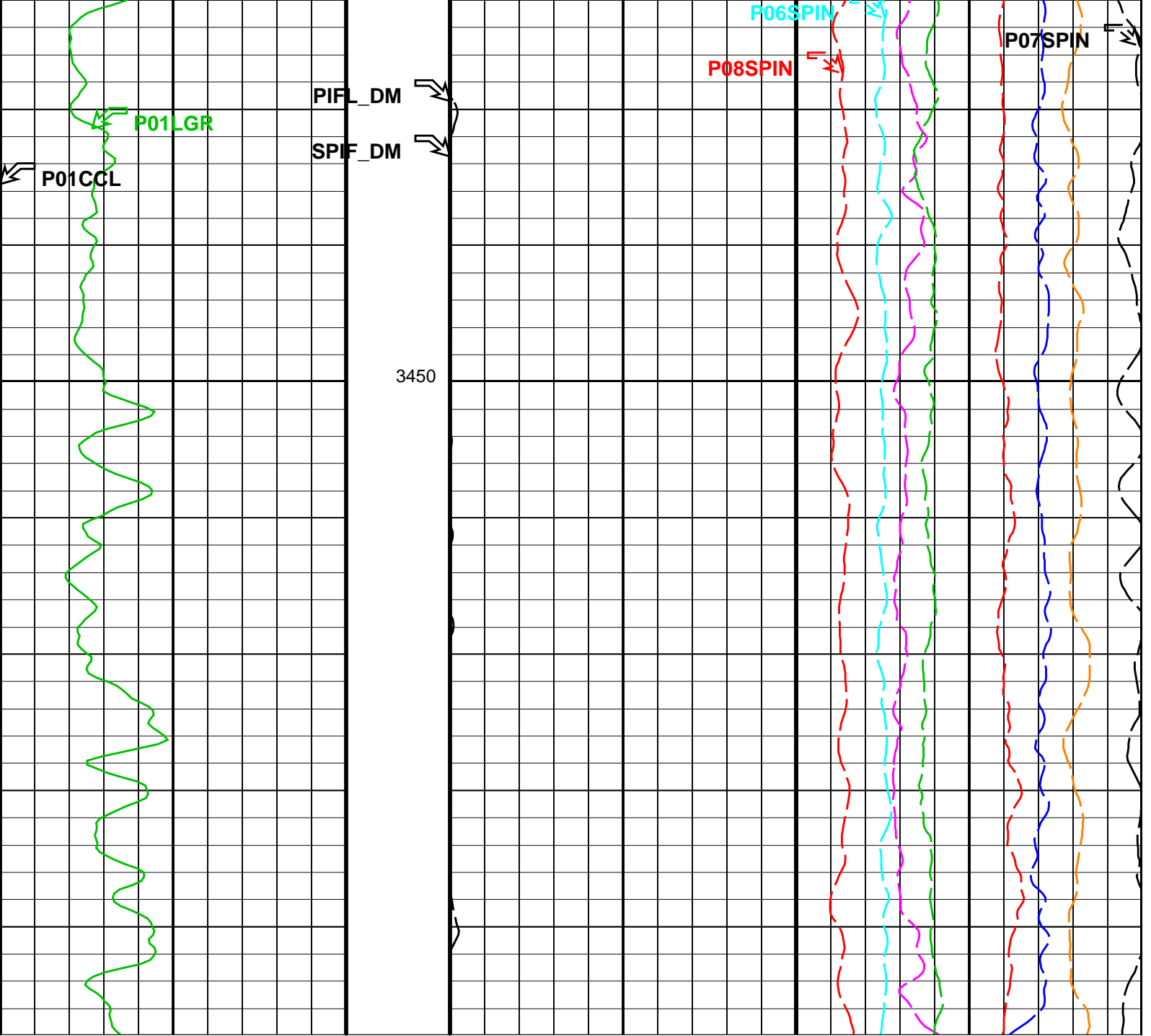




3400

3425





CCL [01] (P01CCL) (V)	Squeezed Perfo Zone (SPIF_DM) 20 (----) 0	Spinner Rotational Velocity [08] (P08SPIN) (RPS)
-19	1	-60 20

Gamma-Ray [01] (P01LGR) (GAPI)	Perfo Zone From PERFO_CURVE to D3T	Spinner Rotational Velocity [07] (P07SPIN) (RPS)
0 150		-60 20

Squeezed Perfo Zone From CASED_HOLE/SQ UEEZED_PERFO/C V to D3T	Spinner Rotational Velocity [06] (P06SPIN) (RPS)
	-60 20

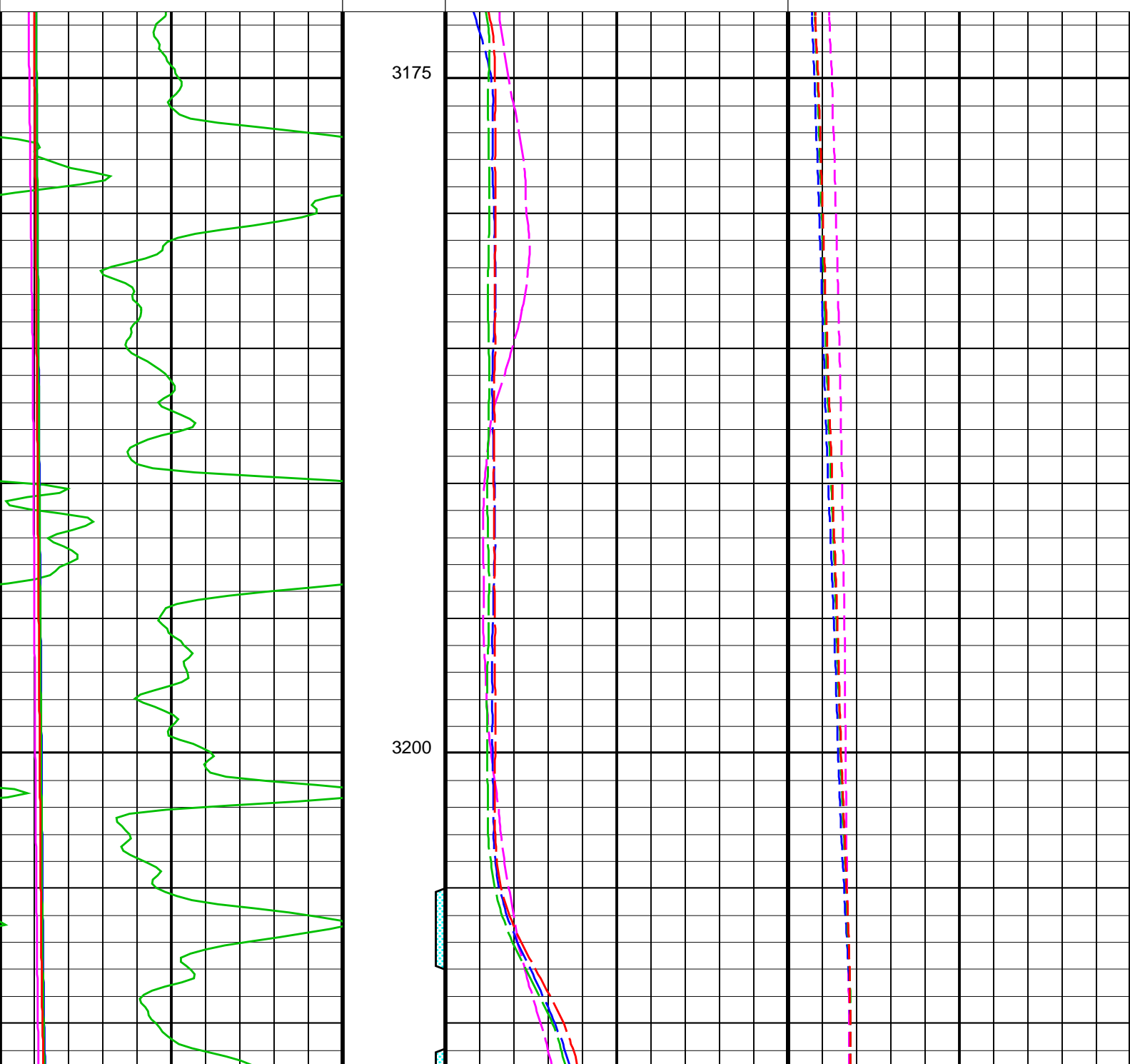
Spinner Rotational Velocity [05] (P05SPIN)

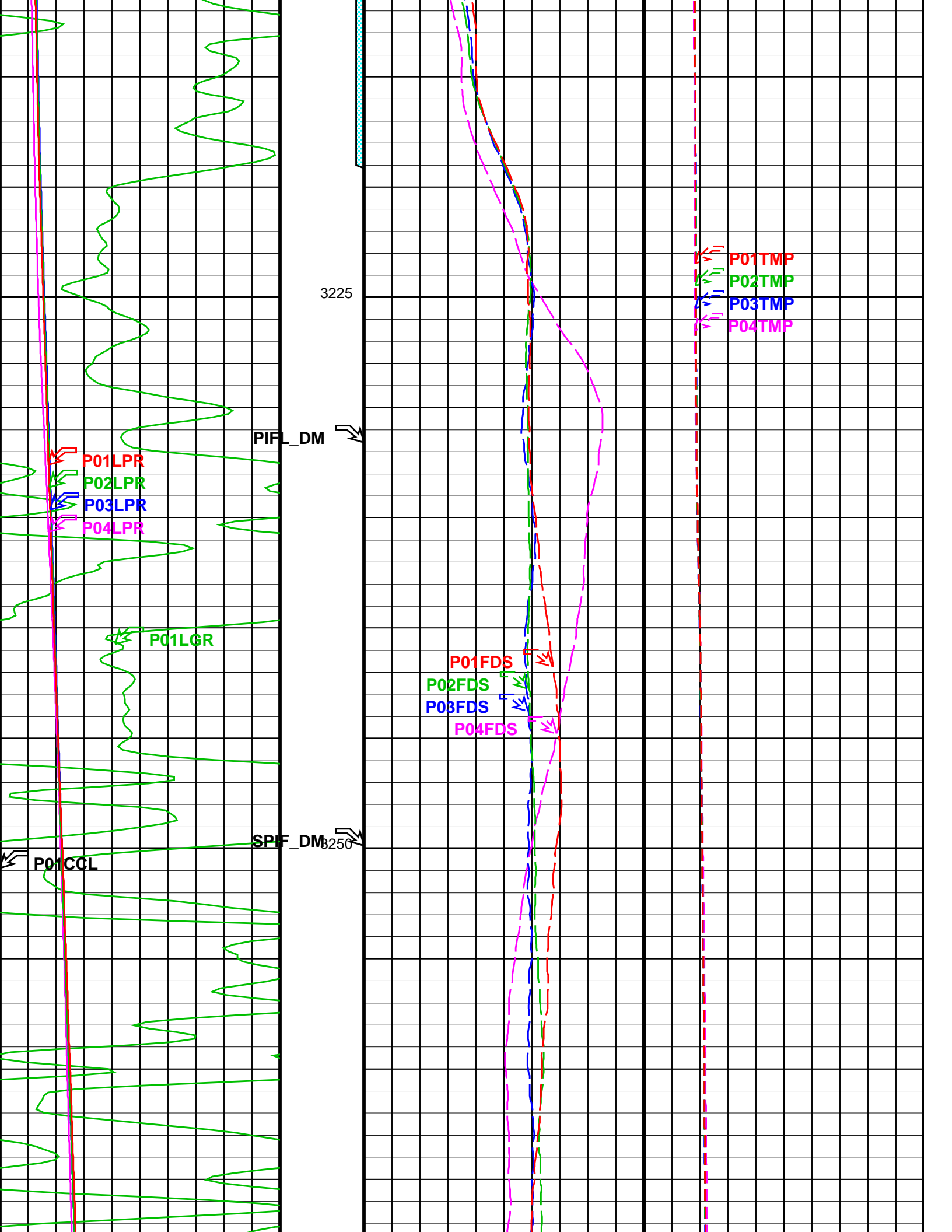


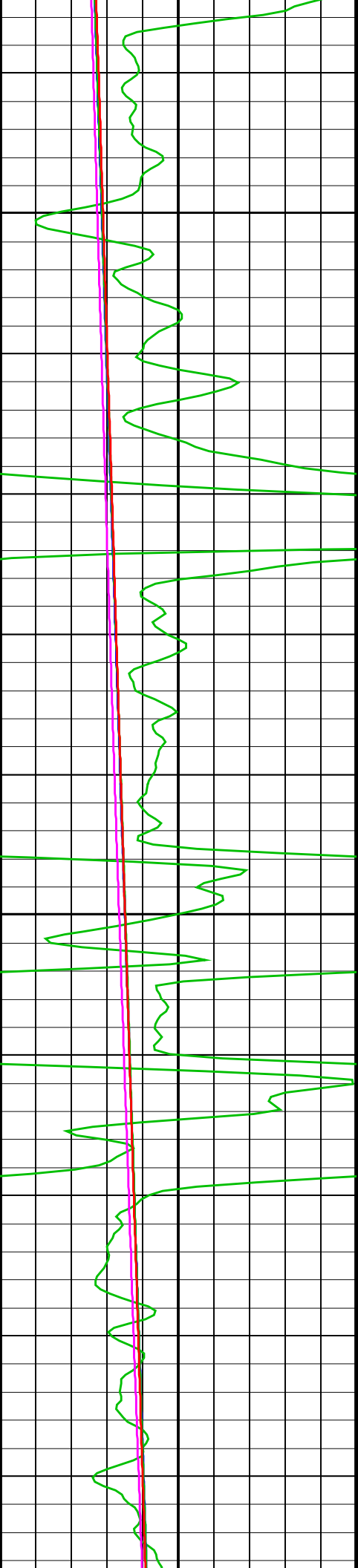
<p>Well Pressure [04] (P04LPR) 4200 (PSIA) 4700</p>	<p>Squeezed Perfo Zone From CASED_ HOLE/SQ UEEZED_ PERFO/C V to D3T</p>	<p>Fluid Density [02] (P02FDS) 0 (G/C3) 1.5 111</p>	<p>Fluid Temperature [02] (P02TMP) 123 (DEGC)</p>
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<p>Gamma-Ray [01] (P01LGR) 0 (GAPI) 150</p>	<p>Perfo Zone From PERFO_ CURVE to D3T</p>	<p>Fluid Density [03] (P03FDS) 0 (G/C3) 1.5 111</p>	<p>Fluid Temperature [03] (P03TMP) 123 (DEGC)</p>
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<p>CCL [01] (P01CCL) -19 (V) 1 20 (----) 0</p>	<p>Squeezed Perfo Zone (SPIF_DM)</p>	<p>Fluid Density [04] (P04FDS) 0 (G/C3) 1.5 111</p>	<p>Fluid Temperature [04] (P04TMP) 123 (DEGC)</p>
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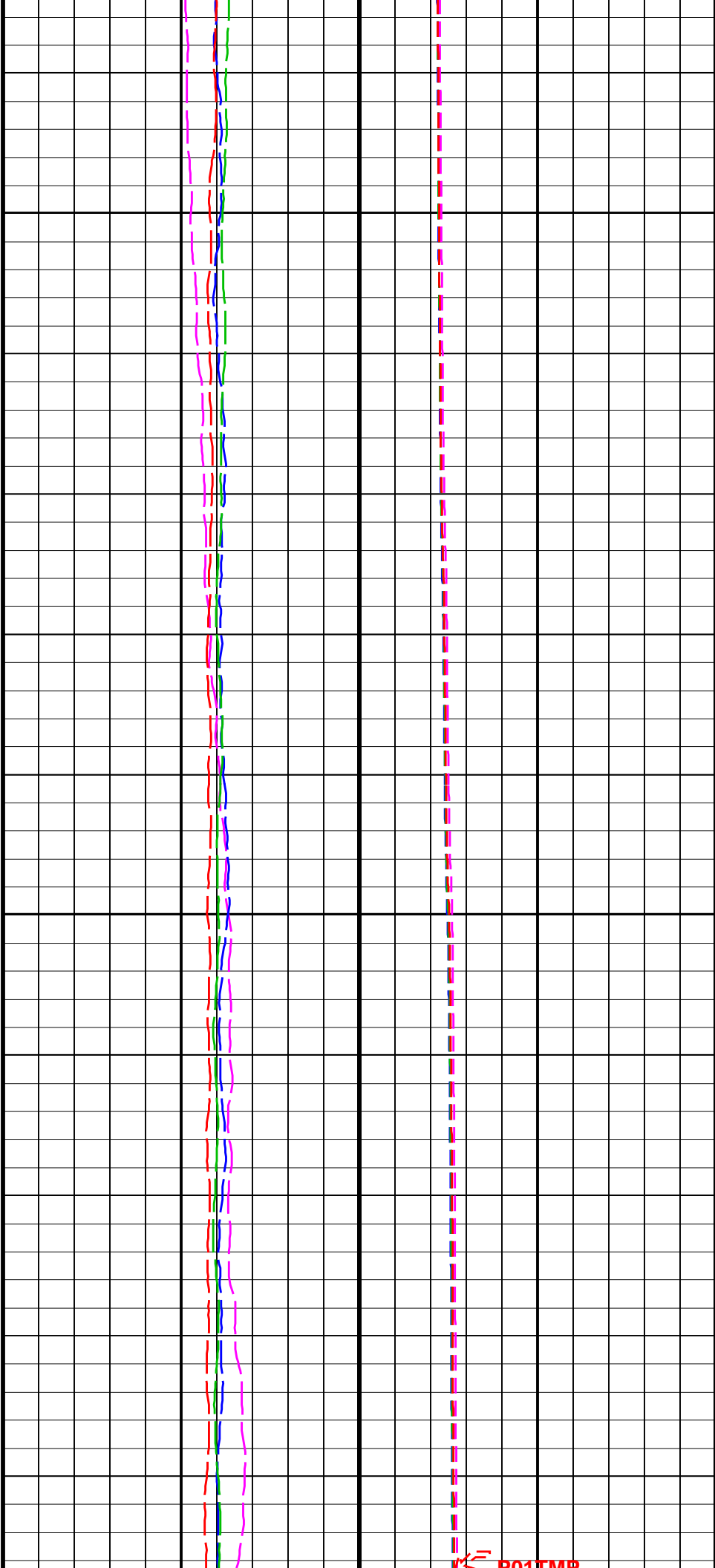




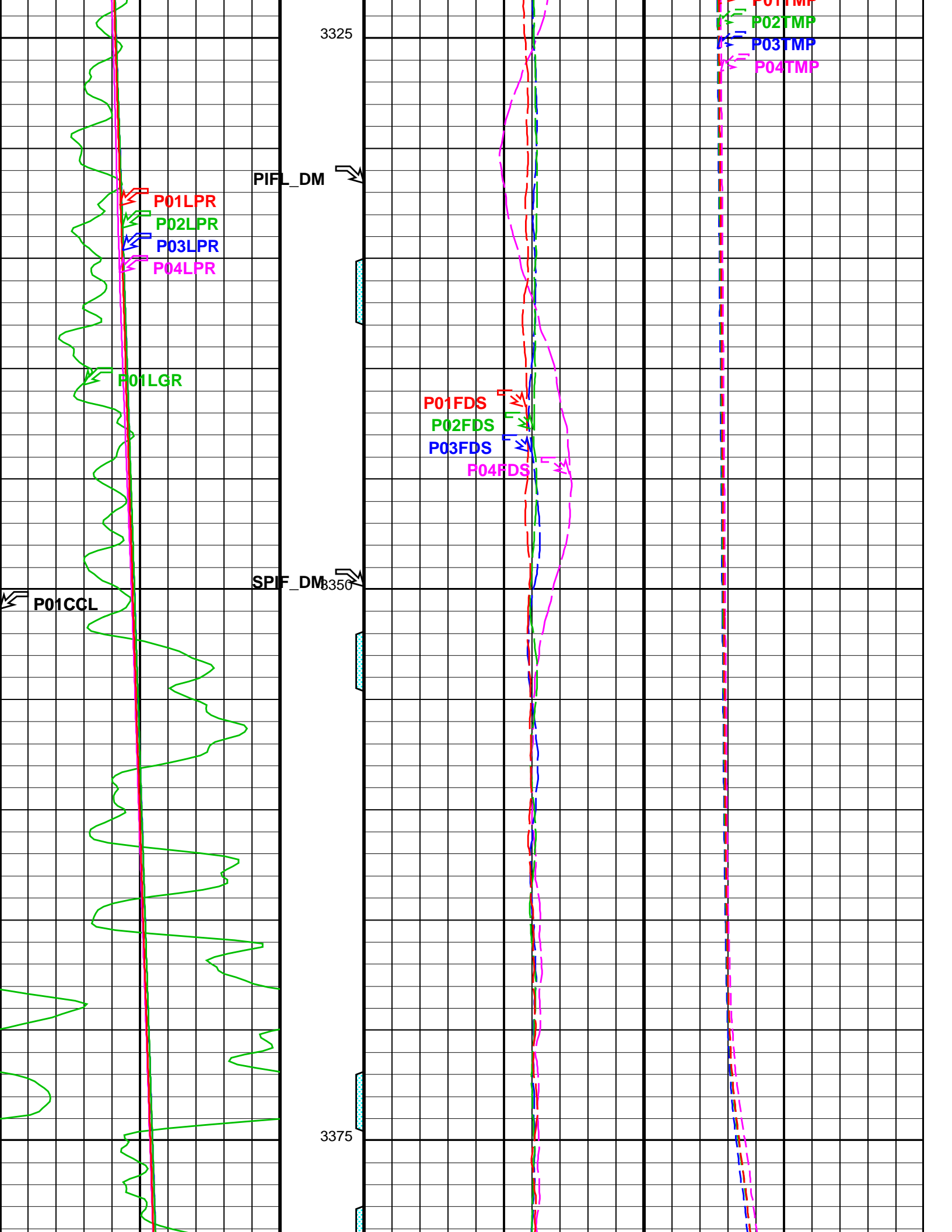


3275

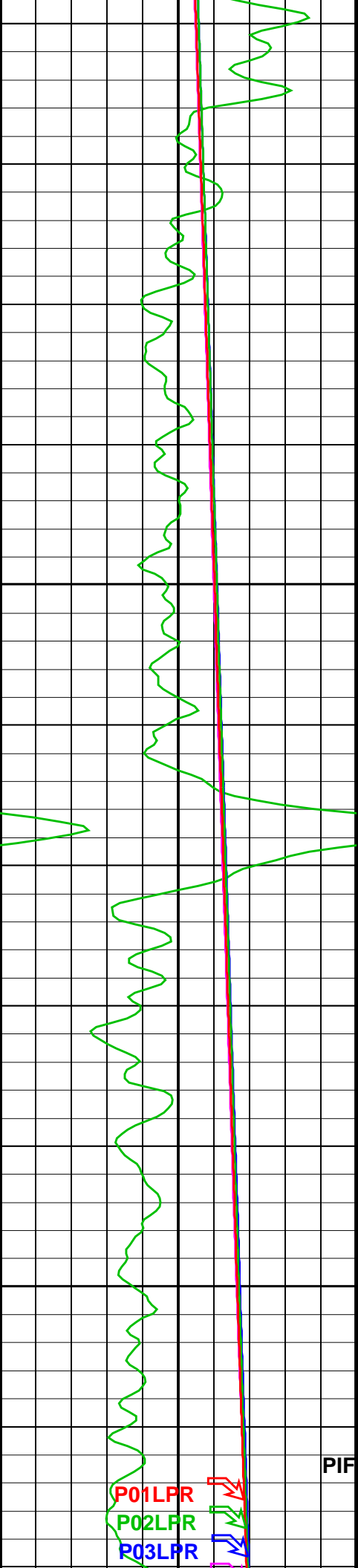
3300



← P01EMP

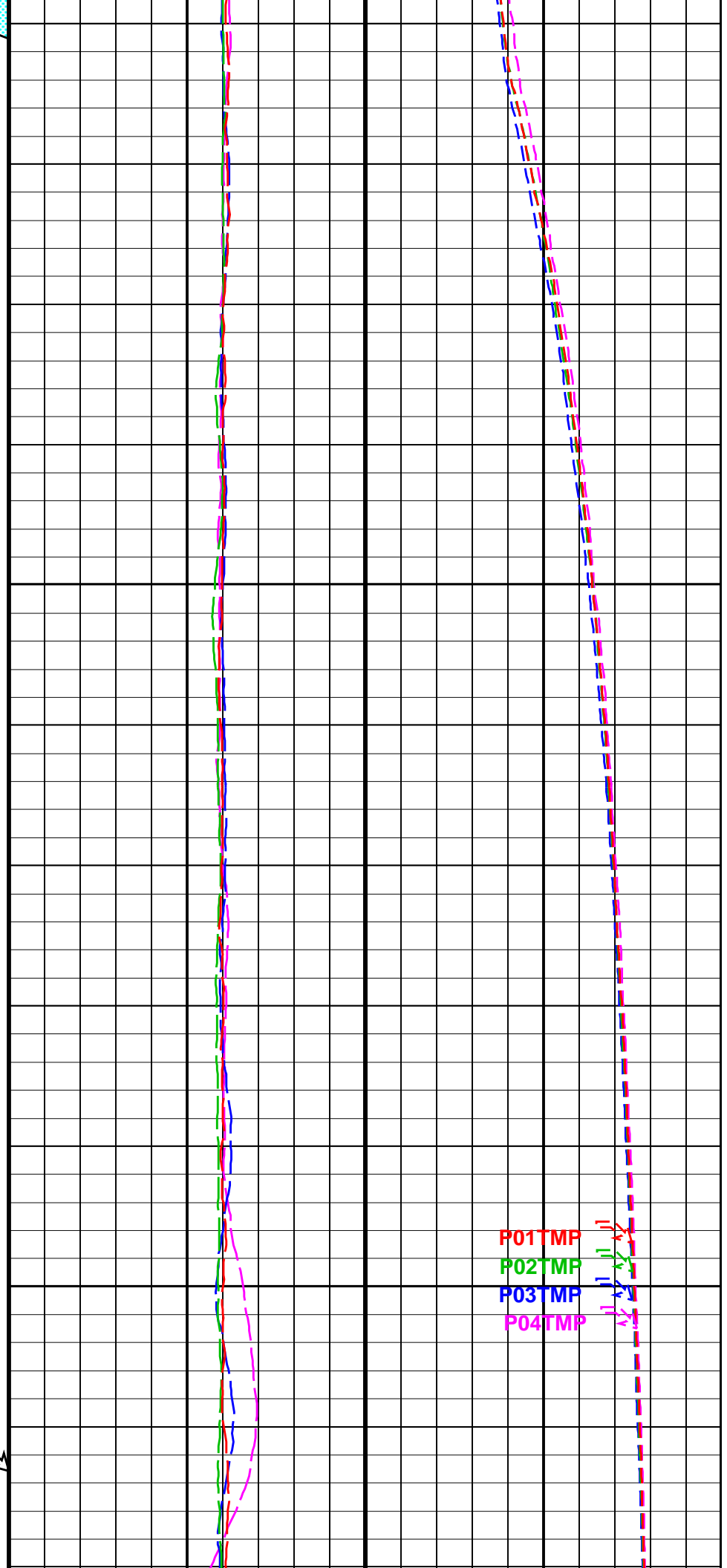




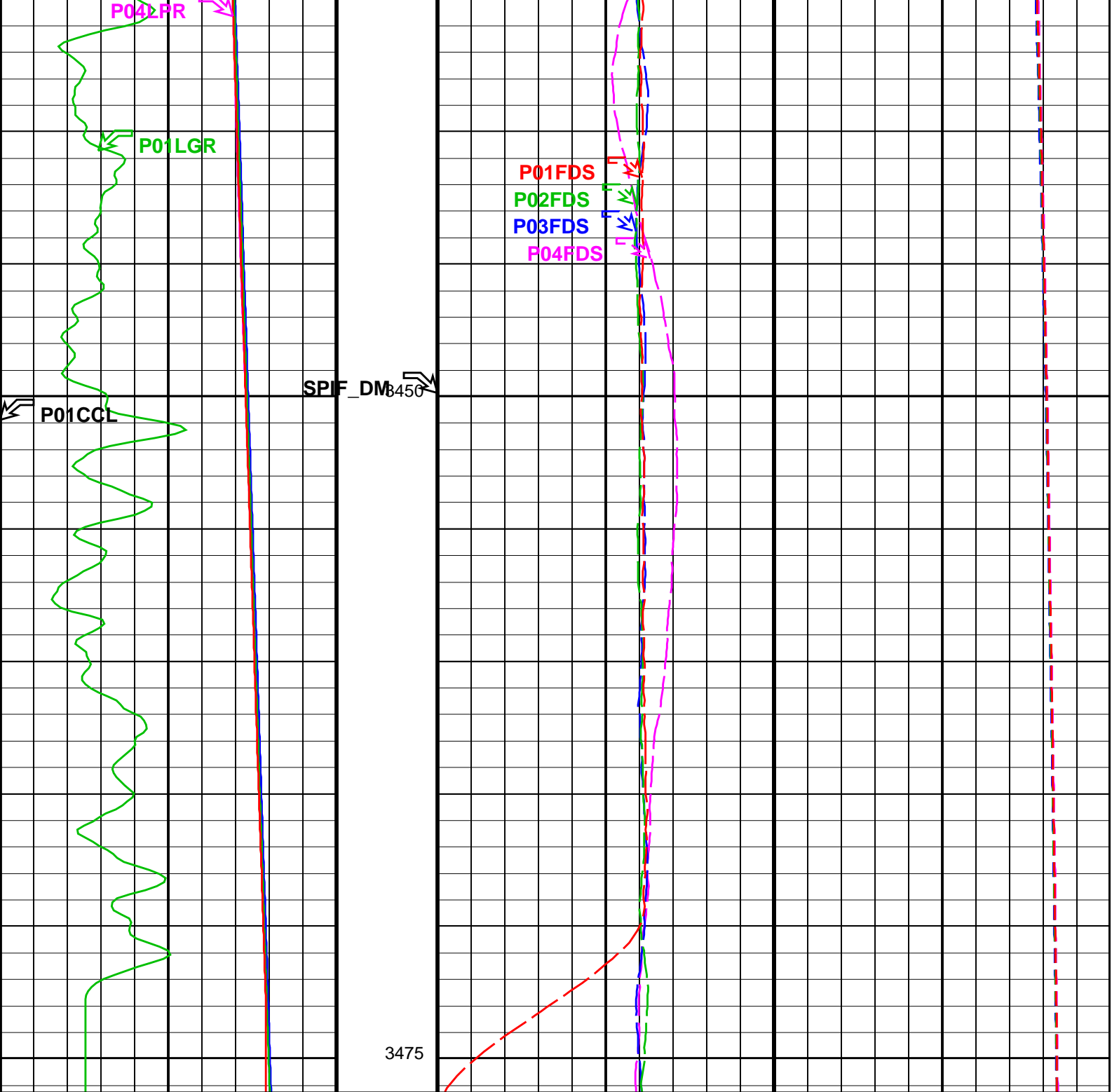


3400

3425



P01TMP  
P02TMP  
P03TMP  
P04TMP



<p>CCL [01] (P01CCL) (V)</p> <p>-19</p>	<p>Squeezed Perfo Zone (SPIF_DM)</p> <p>1</p> <p>20 (----) 0</p>	<p>Fluid Density [04] (P04FDS) (G/C3)</p> <p>0</p> <p>1.5</p>	<p>Fluid Temperature [04] (P04TMP) (DEGC)</p> <p>111</p> <p>123</p>
<p>Gamma-Ray [01] (P01LGR) (GAPI)</p> <p>0</p> <p>150</p>	<p>Perfo Zone From PERFO_CURVE to D3T</p>	<p>Fluid Density [03] (P03FDS) (G/C3)</p> <p>0</p> <p>1.5</p>	<p>Fluid Temperature [03] (P03TMP) (DEGC)</p> <p>111</p> <p>123</p>
<p>Well Pressure [04] (P04LPR) (PSIA)</p> <p>4200</p> <p>4700</p>	<p>Squeezed Perfo Zone From CASED_HOLE/SQ</p>	<p>Fluid Density [02] (P02FDS) (G/C3)</p> <p>0</p> <p>1.5</p>	<p>Fluid Temperature [02] (P02TMP) (DEGC)</p> <p>111</p> <p>123</p>

		UEEZED_ PERFO/C V to D3T		
<b>Well Pressure [03] (P03LPR)</b>			<b>Fluid Density [01] (P01FDS)</b>	<b>Fluid Temperature [01] (P01TMP)</b>
4200	(PSIA)	4700	0	1.5 111
<b>Well Pressure [02] (P02LPR)</b>				
4200	(PSIA)	4700		
<b>Well Pressure [01] (P01LPR)</b>				
4200	(PSIA)	4700		


Format: Merged Sensors Vertical Scale: 1:200 Graphics File Created: 19-Jun-2009 07:01

**OP System Version: 17C0-154**

PILS-A 17C0-154 PSRP-A/B 17C0-154

**Output DLIS Files**

DEFAULT ILS\_PSP\_058PUP FN:98 PRODUCER 19-Jun-2009 07:01



## Merged Sensor Up Passes

MAXIS Field Log

Company: ROC Oil. Well: Basker 5

**PLQL Data Manager Files**

Pass # 1  
Pass # 2  
Pass # 3  
Pass # 4

Company: ROC Oil. Well: Basker 5

**Output DLIS Files**

DEFAULT ILS\_PSP\_059PUP FN:99 PRODUCER 19-Jun-2009 07:01 3474.0 M 3169.0 M

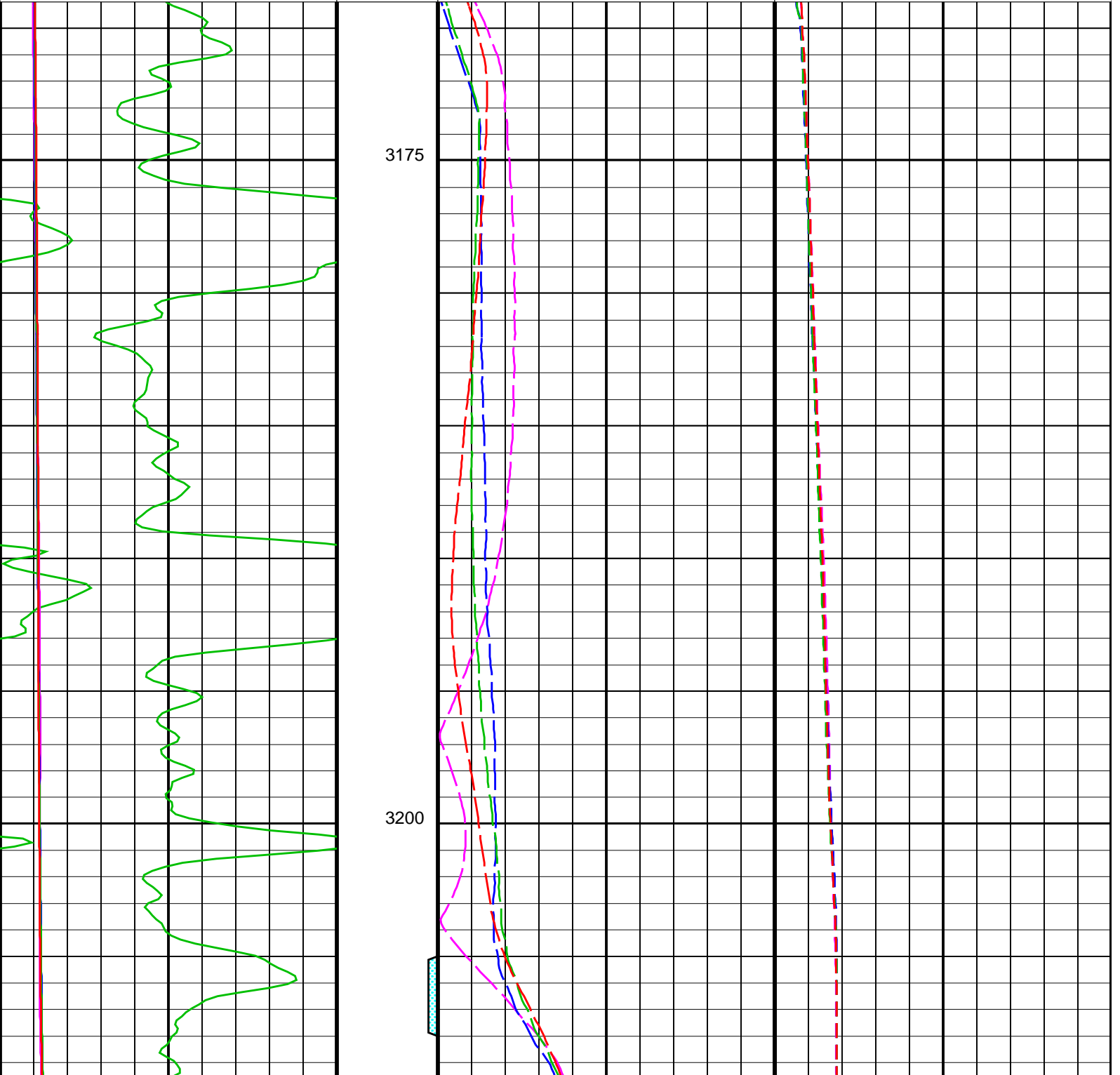
**OP System Version: 17C0-154**

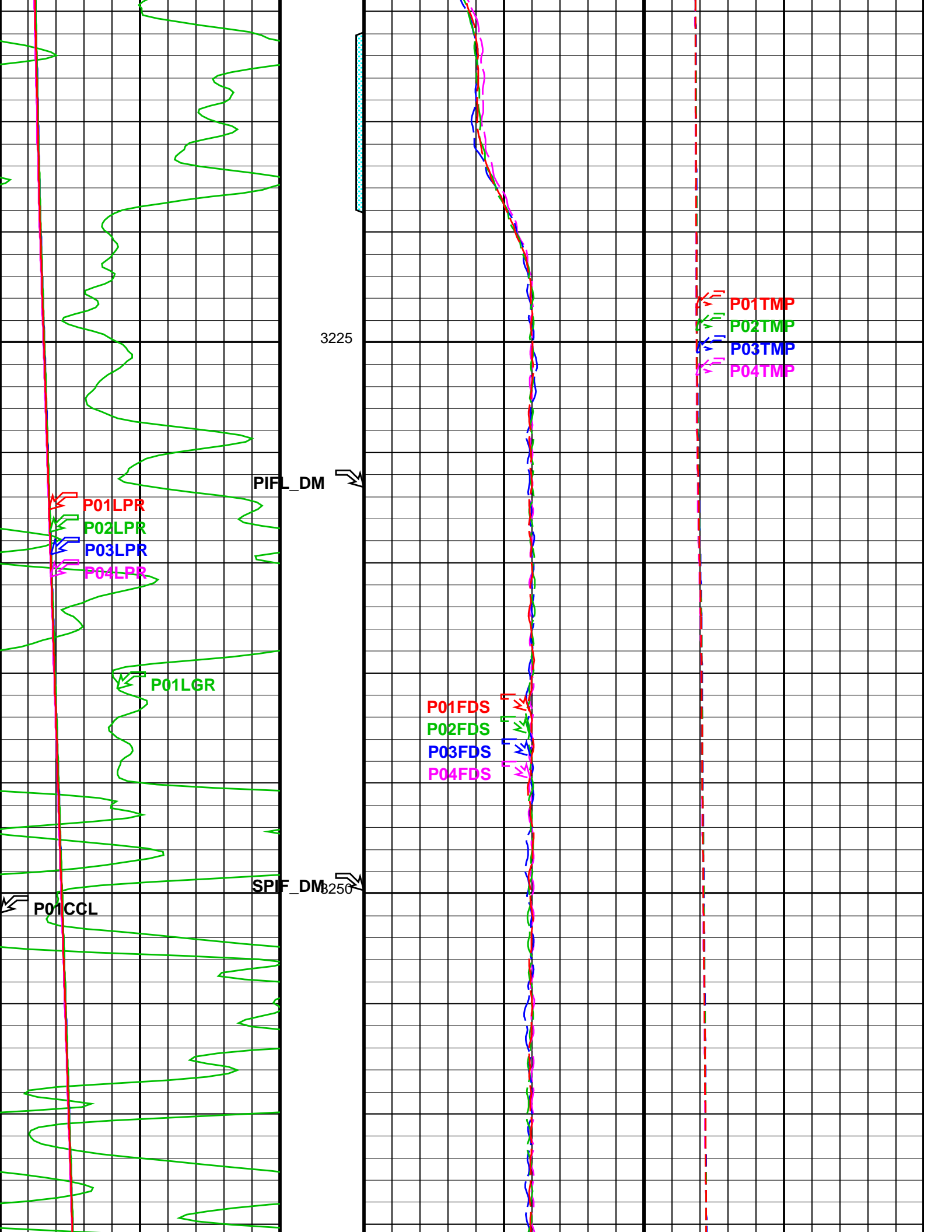
PILS-A 17C0-154 PSRP-A/B 17C0-154

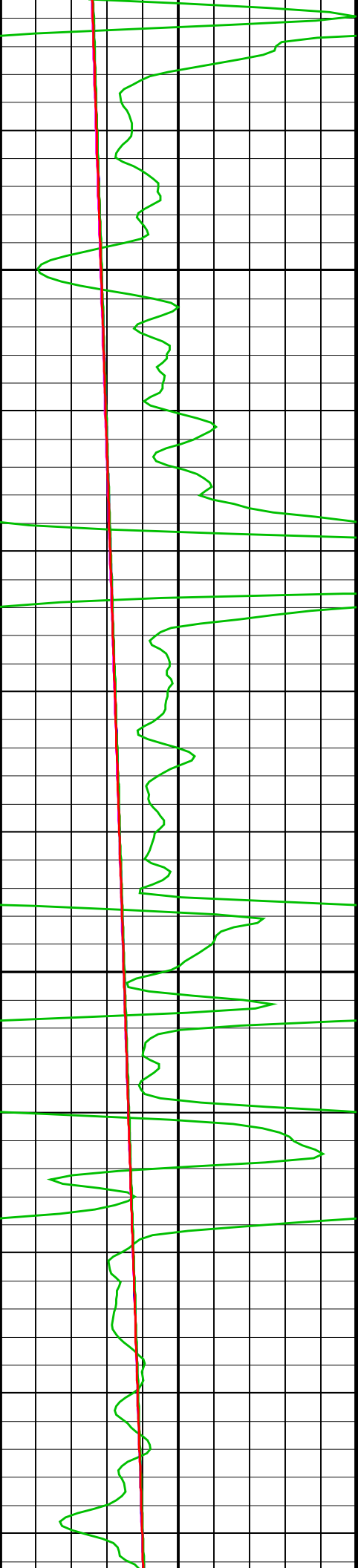
<b>Well Pressure [01] (P01LPR)</b>			<b>Fluid Density [01] (P01FDS)</b>	<b>Fluid Temperature [01] (P01TMP)</b>
4200	(PSIA)	4700	0	1.5 111
<b>Well Pressure [02] (P02LPR)</b>				
4200	(PSIA)	4700		
<b>Well Pressure [03] (P03LPR)</b>				
4200	(PSIA)	4700		

Squeezed Perfo

<p>Well Pressure [04] (P04LPR) 4200 (PSIA) 4700</p>	<p>Zone From CASED_HOLE/SQUEEZED_PERF_ZONE to D3T</p>	<p>Fluid Density [02] (P02FDS) 0 (G/C3) 1.5</p>	<p>Fluid Temperature [02] (P02TMP) 111 (DEGC) 123</p>
<p>Gamma-Ray [01] (P01LGR) 0 (GAPI) 150</p>	<p>Perfo Zone From PERFO_CURVE to D3T</p>	<p>Fluid Density [03] (P03FDS) 0 (G/C3) 1.5</p>	<p>Fluid Temperature [03] (P03TMP) 111 (DEGC) 123</p>
<p>CCL [01] (P01CCL) -19 (V) 1</p>	<p>Squeezed Perfo Zone (SPIF_DM) 20 (----) 0</p>	<p>Fluid Density [04] (P04FDS) 0 (G/C3) 1.5</p>	<p>Fluid Temperature [04] (P04TMP) 111 (DEGC) 123</p>

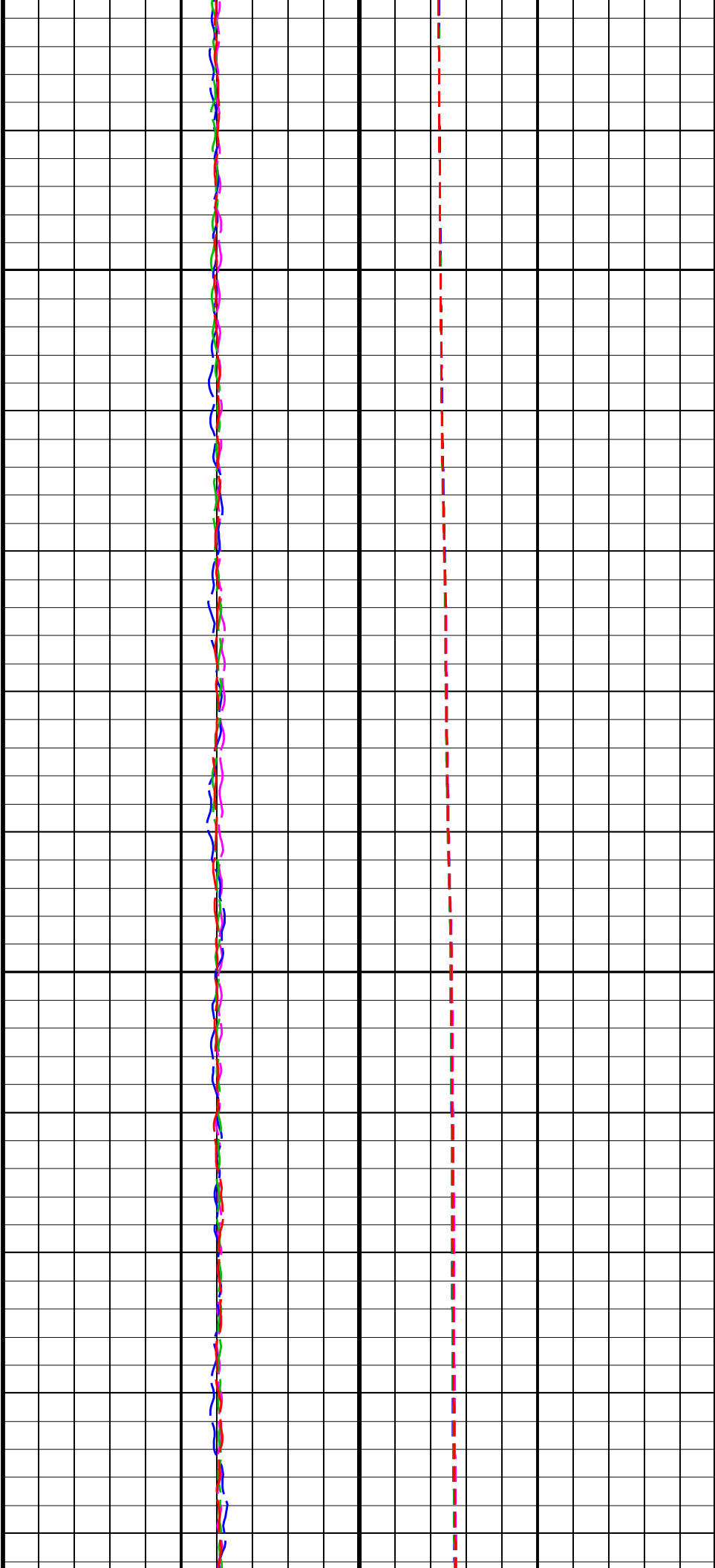


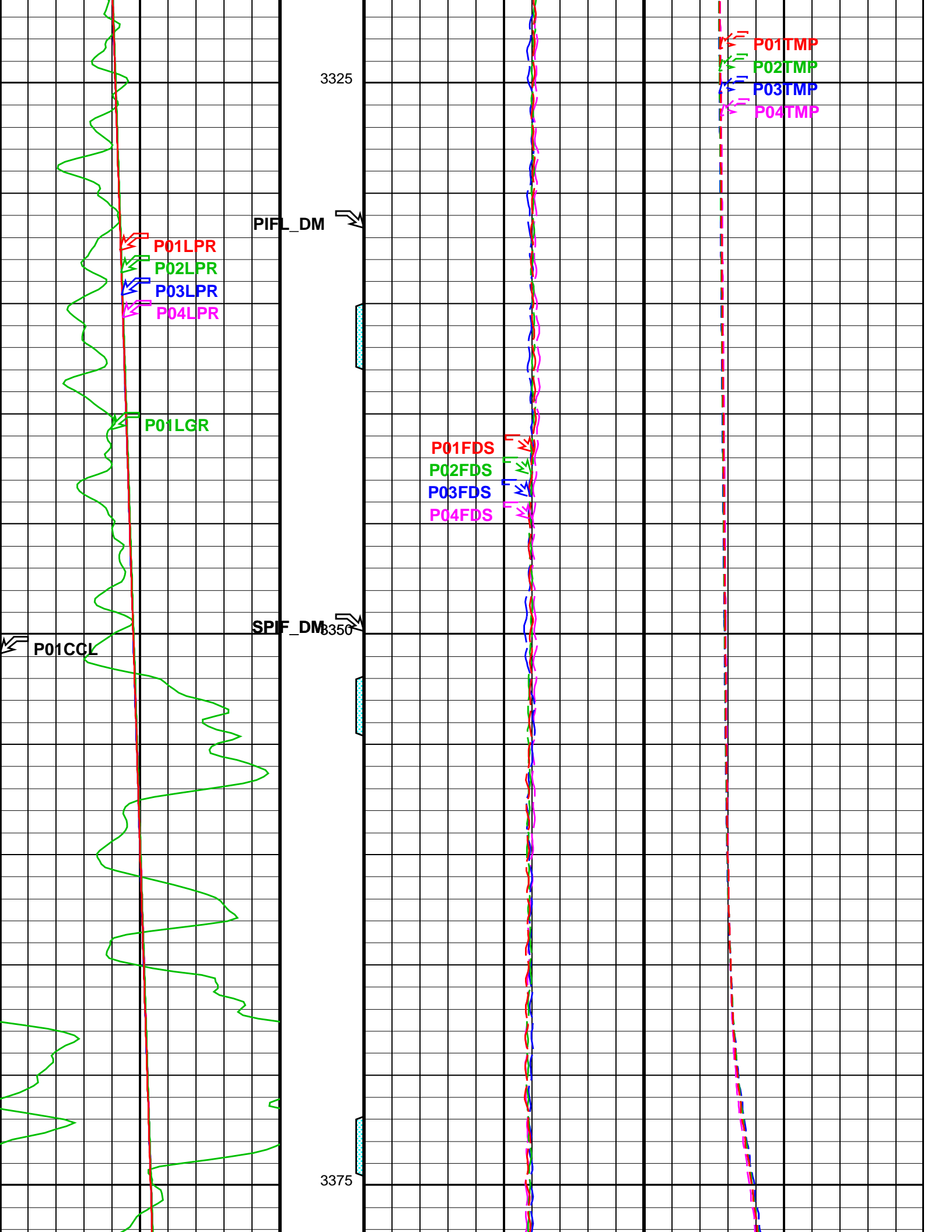


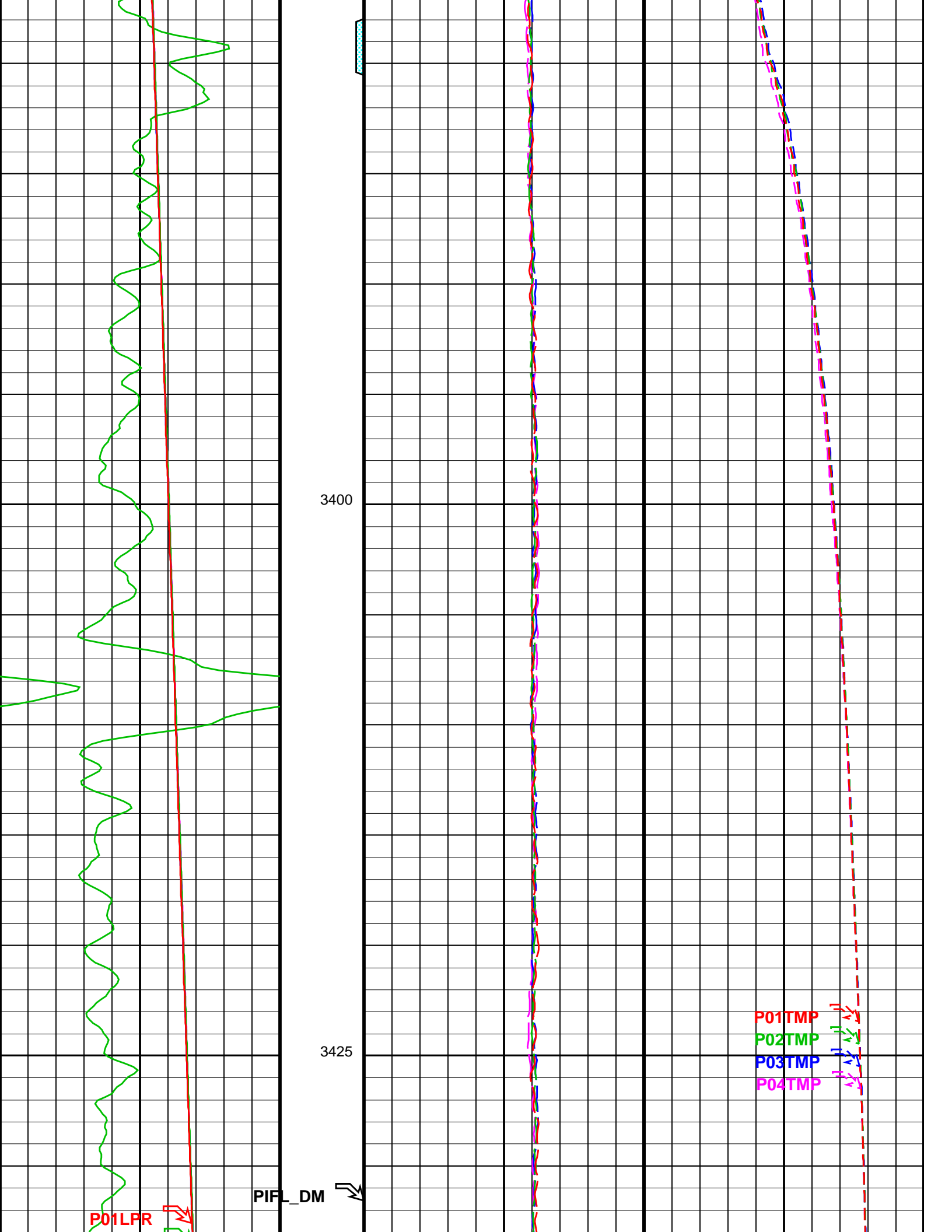


3275

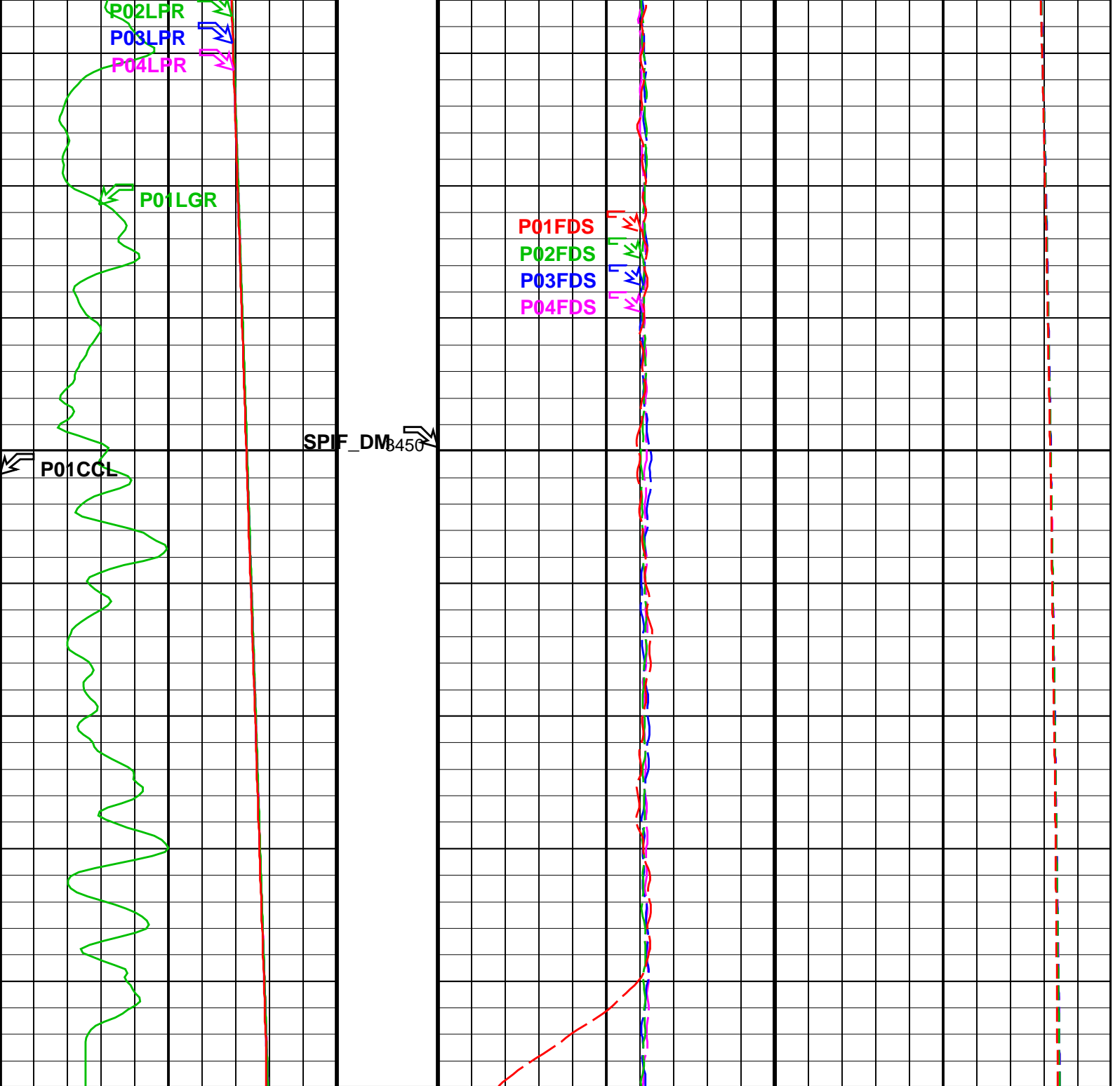
3300





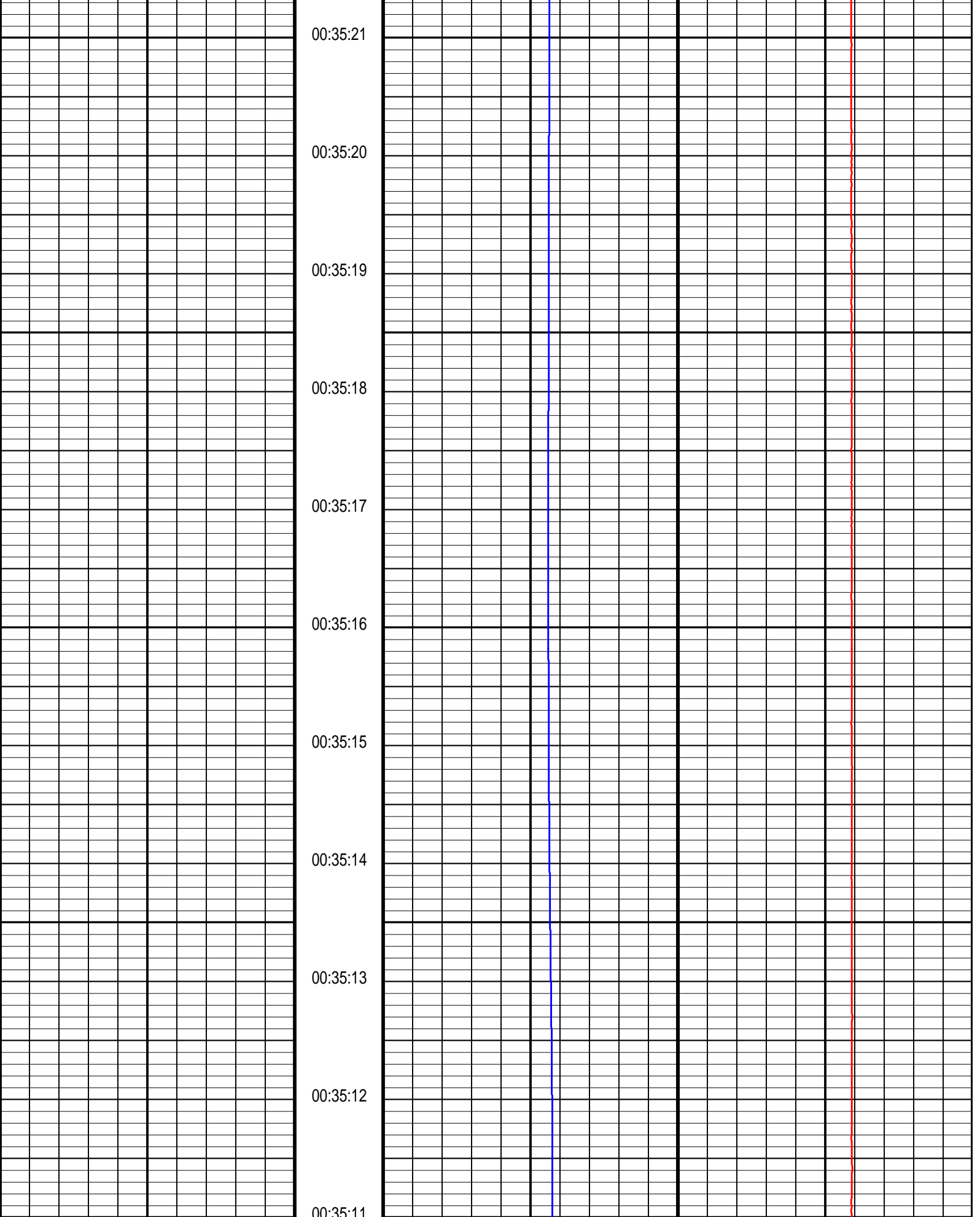






<p>CCL [01] (P01CCL) (V)</p> <p>-19</p>	<p>Squeezed Perfo Zone (SPIF_DM)</p> <p>1</p> <p>20 (----) 0</p>	<p>Fluid Density [04] (P04FDS) (G/C3)</p> <p>0 1.5 111</p>	<p>Fluid Temperature [04] (P04TMP) (DEGC)</p> <p>123</p>
<p>Gamma-Ray [01] (P01LGR) (GAPI)</p> <p>0 150</p>	<p>Perfo Zone From PERFO_CURVE to D3T</p>	<p>Fluid Density [03] (P03FDS) (G/C3)</p> <p>0 1.5 111</p>	<p>Fluid Temperature [03] (P03TMP) (DEGC)</p> <p>123</p>
<p>Well Pressure [04] (P04LPR) (PSIA)</p> <p>4200 4700</p>	<p>Squeezed Perfo Zone From CASED_HOLE/SQ</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>





Time of Job (TOJ) (MN)	Well Pressure (WPRESL)		Well Temperature (WTEPSL)		
	4300	(PSIA)	4500	113	
				(DEGC)	115

# OP System Version: 17C0-154

PILS-A 17C0-154 PSRP-A/B 17C0-154

## Parameters

DLIS Name	Description	Value
PP	PSRP-A/B: Production Services Recorder Platform Description of this pass System and Miscellaneous Playback Processing	RECOMPUTE

## Input DLIS Files

DEFAULT	ILS_PSP_014PTP	FN:31	PRODUCER	17-Jun-2009 17:31	3336.6 M
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## Output DLIS Files

DEFAULT	ILS_PSP_061PTP	FN:101	PRODUCER	19-Jun-2009 07:18	
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Static Station...3324 m

MAXIS Field Log

Company: **ROC Oil.**



Well: **Basker 5**

Field: **Basker**

Rig: **Ocean Patriot**

Country: **Australia**

Production Services Platform  
Memory Production Log  
17-June-2009