

# CROCKER

## DATA PROCESSING

# Shortland 1

## Composite Logs

Company	Pacific Oil & Gas Pty Limited
Well Name	Shortland 1
Field	Wildcat
Nation	AUSTRALIA
State	N.T
County or Rig name	Rockdrill 23
Field Location	McArthur Basin
Field Loc. 1 / Northing	Line MA91-109 ; SP 600
Latitude	016 44' 47.924" S DMS
Longitude	133 41' 14.354" E DMS
Perm. Datum	MSL
Elevation Perm. Datum	0.00 M
Elevation DF (wrt EPD)	267.70 M
Elevation GL (wrt EPD)	264.20 M
Elev. Log Zero (wrt EPD)	267.70 M
Above Perm. Datum	267.70 M
Log measured from	DF
Other Services Ln 1	LOG SUITE #2
Other Services Ln 2	DLL-LDL-CNL..
Other Services Ln 3	MSFL-GR-SP
Other Services Ln 4	BHC
Other Services Ln 5	WST
Other Services Ln 6	DIL
TD Date	1018 M
Date Plotted	Thursday, 22 May 2008
Time Plotted	9:46:54 AM



PETROLOG SOFTWARE Version 10.5



### Run Information

Run number	Run 1			
Log date	30 Nov 1992			
Bottom log interval	1520.00 M			
Top log interval	50.00 M			

Casing-Driller	59.00 M				
Casing Weight	39.00 LB/F3				
Bit Size	6.000 INCH				
Hole Fluid type	Newdrill				
Fluid Density	1.054 G/CC				
Fluid Viscosity	41.00 S				
Fluid PH	8				
Fluid Loss	6.40 C3				
Mud Sample Source	FLOWLINE				
RM @ Surface	0.535 OHMM				
Mud temp @ Surface	24.00 DEGC				
RMF @ Surface	0.582 OHMM				
MF temp @ Surface	35.00 DEGC				
RMC @ Surface	0.667 OHMM				
MC temp @ Surface	24.00 DEGC				
Mud Filtrate Sample Source	PRESS				
Mud Cake Sample Source	PRESS				
MF temp @ Bottom	35.00 DEGC				
Time circ. stopped	23:30 29 Nov 1992				
Time logger at btm	06:00 30 Nov 1992				
Surface hole temp	26.67 DEGC				
Bottom hole temp	82.22 DEGC				
Surface temperature	21.11 DEGC				
Max recorded temp	71.11 DEGC				
Logging unit No	8394				
Logging unit Loc	QEA				
Logging Company ID	440				
Recorded by	Robert Algie				
Witness	Miss Sandy Menpes				
Operator's code	0				
Bore Hole Status	OPEN				
General.Temp Select	TEMP				
Maximum Hole Deviat	0.00 DEG				
Total depth	1018.00 M				

Tool string is DLTE-SDT-SRTC-SGTL-TCCB-SP  
 Logs referenced to derrick floor.  
 All tools were run slick without stand-offs.  
 GR survey was extended to surface.  
 Maximum recorded temperature is 134.  
 Other mud data :- Chlorides 2900 ppm.  
 No barite present.  
 Logs merged and edited from 3 LIS files in May 2008 by Crocker Data Processing Pty Ltd.  
 SP drift corrected. Sonic log manually despiked.

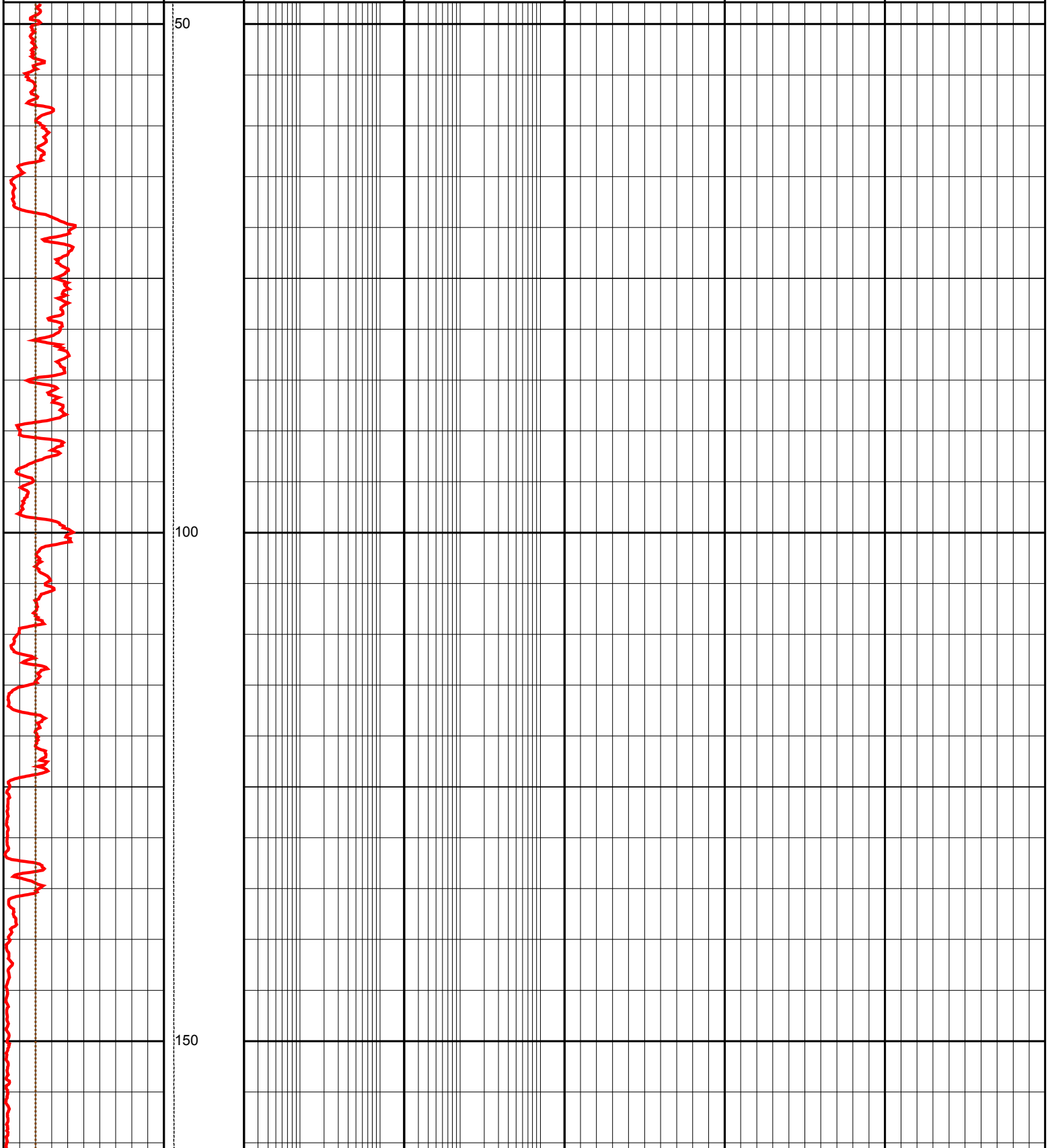
Since well log interpretations are opinions based upon inferences from well logs, we cannot and do not guarantee the correctness or accuracy of any interpretation. Therefore we shall not be liable or responsible for any loss, damage, cost or expense incurred or sustained by anyone resulting from any interpretation.

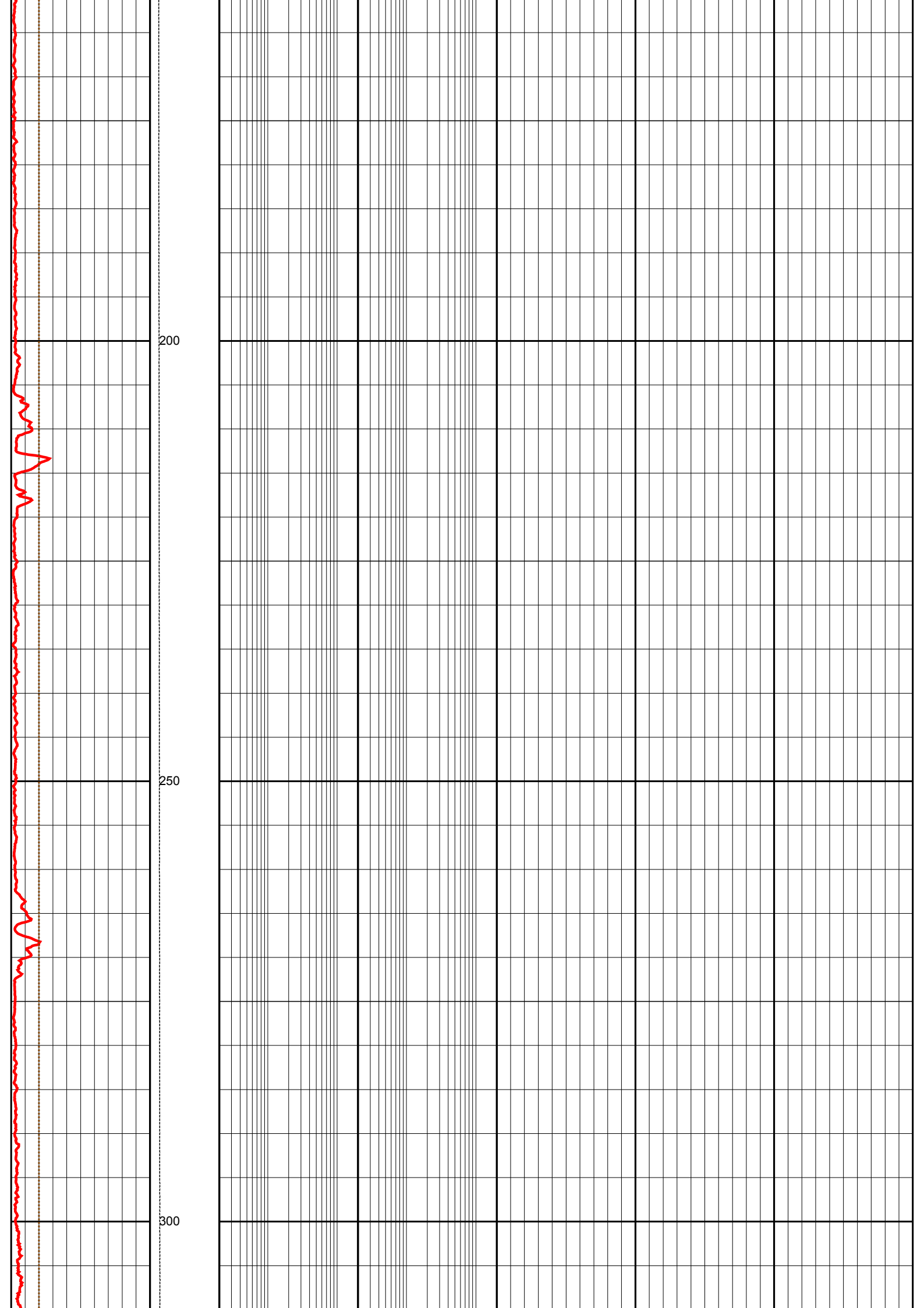
## Log Description

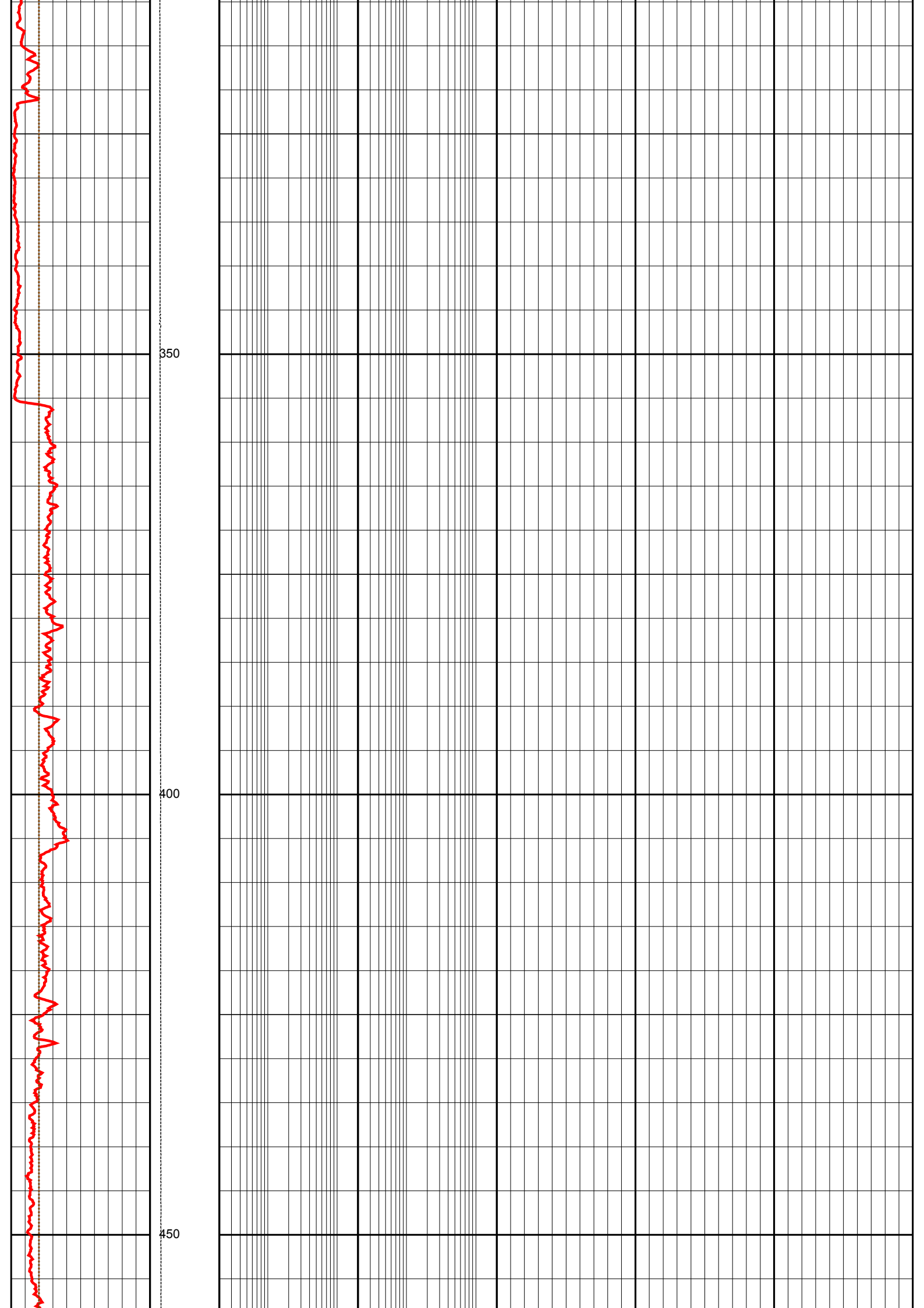
GR	Gamma Ray
BS	Bit Size
CALI	Caliper
SP	Spontaneous Potential Log
ILD	Deep Induction Log
ILM	Medium Induction Log
SFLU	Spherically Focused Log Unaveraged
LLD	Laterolog Deep Resistivity
LLS	Shallow Laterolog
MSFL	Micro Spherically Focused Log
RHOB	Compensated Formation Density
NPHI	Neutron Porosity

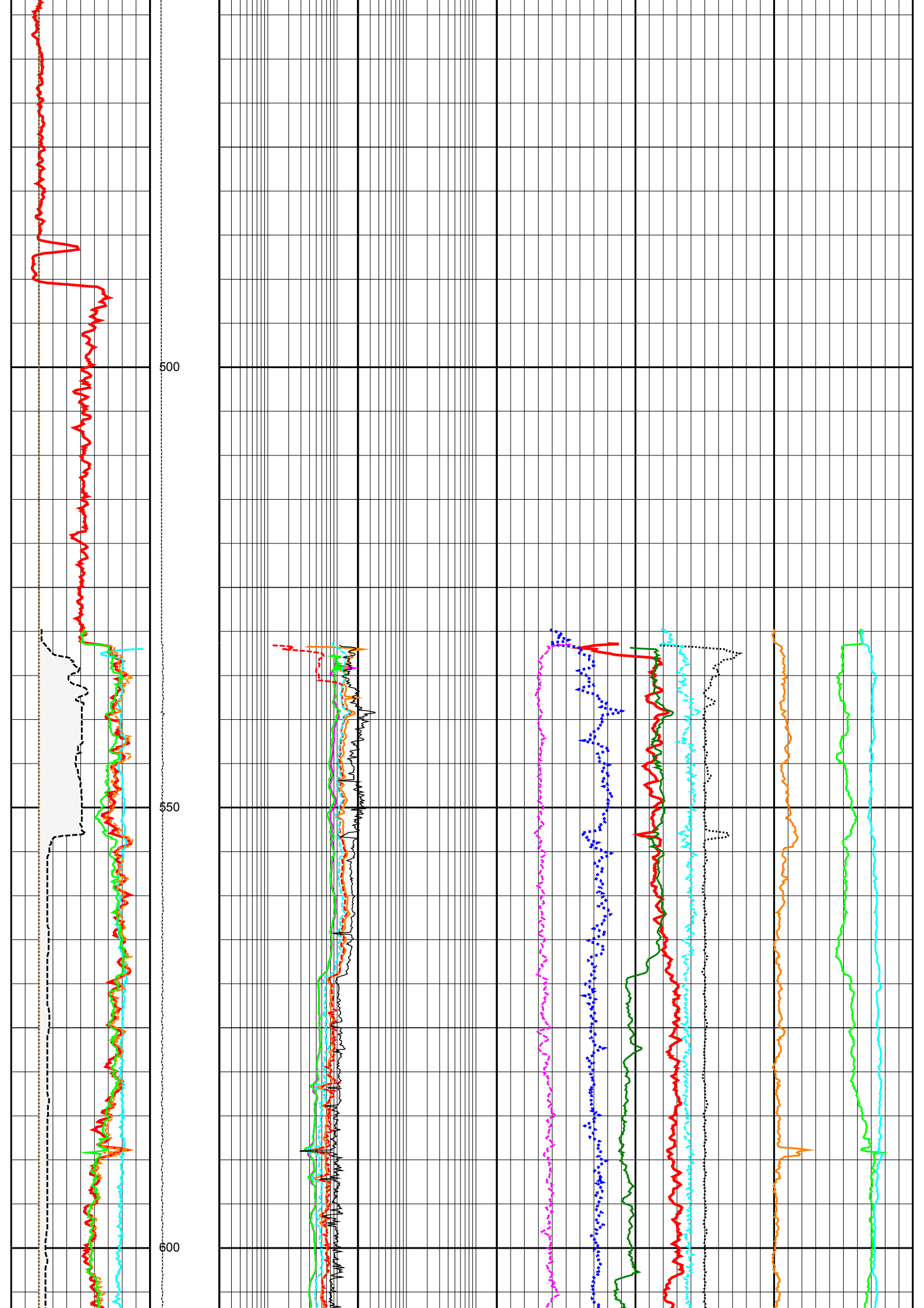
DT	Delta T Compressional
PEF	Photoelectric Factor
DRHO	Density Correction
TENS	Cable tension at surface
THOR	Thorium Concentration
URAN	Uranium Concentration
POTA	Potassium Concentration
NPOR	MDN Base Neutron Porosity
SGR	Spectral Gamma-Ray
CGR	NGS Computed Gamma-Ray (Thorium + Potassium)

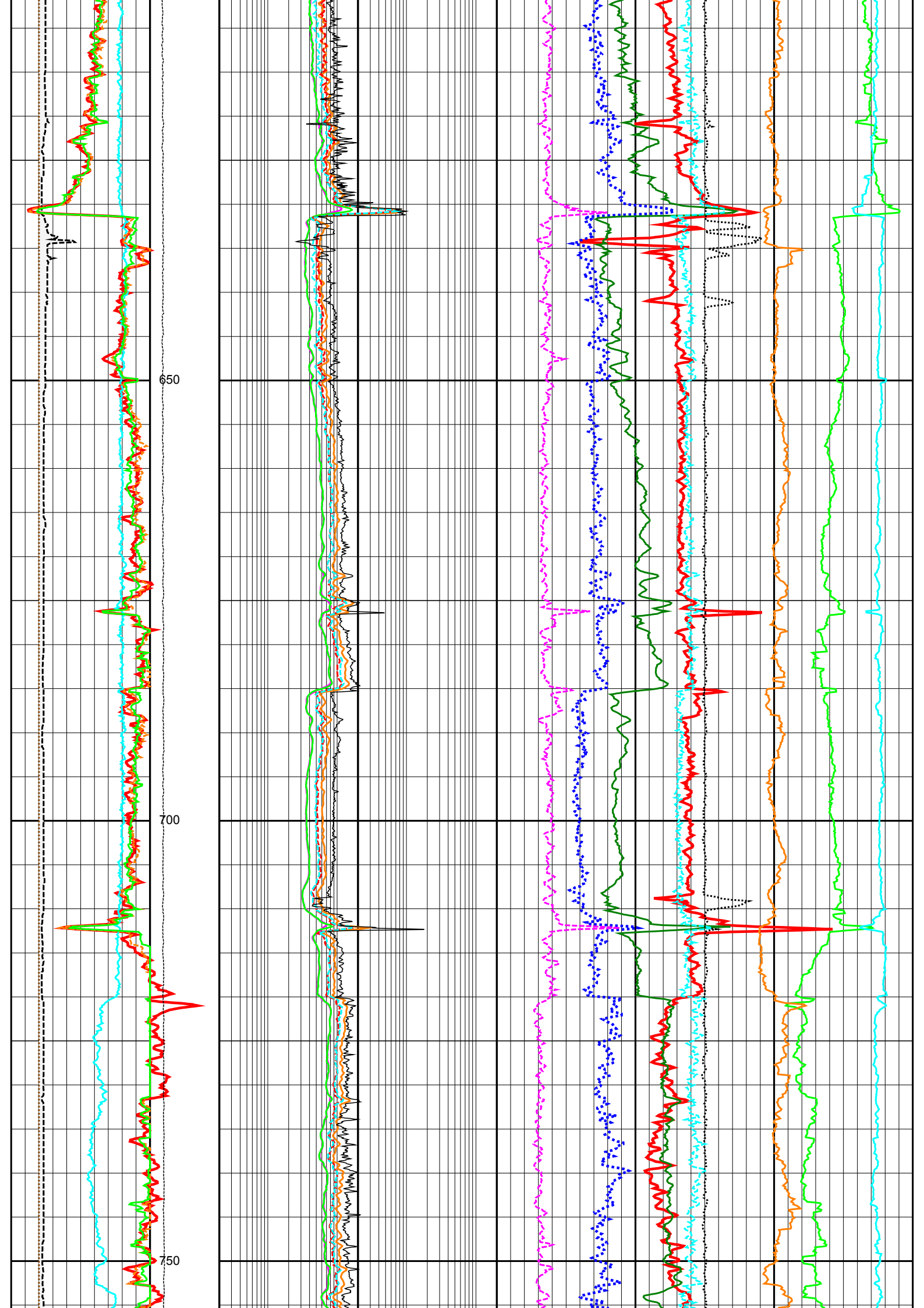
0.0	GR (API)	250.0	0.0	TENS (LB)	5000.0	0.2	ILD (OHMM)	2000.0	1.95	RHOB (G/C3)	2.95	50.0	THOR (PPM)	0.0
4.0	BS (INCH)	14.0	0.2	ILM (OHMM)	2000.0	0.45	NPHI (V/V)	-0.15	0.0	URAN (PPM)	20.0			
4.0	CALI (INCH)	14.0	0.2	SFLU (OHMM)	2000.0	140.0	DT (US/F)	40.0	-0.1	POTA (V/V)	0.1			
-80.0	SP (MV)	20.0	0.2	LLD (OHMM)	2000.0	0.0	PEF (B/E)	10.0	-0.25	DRHO (G/C3)	0.25			
0.0	SGR (API)	250.0	0.2	LLS (OHMM)	2000.0	0.45	NPOR (V/V)	-0.15						
0.0	CGR (API)	250.0	0.2	MSFL (OHMM)	2000.0									

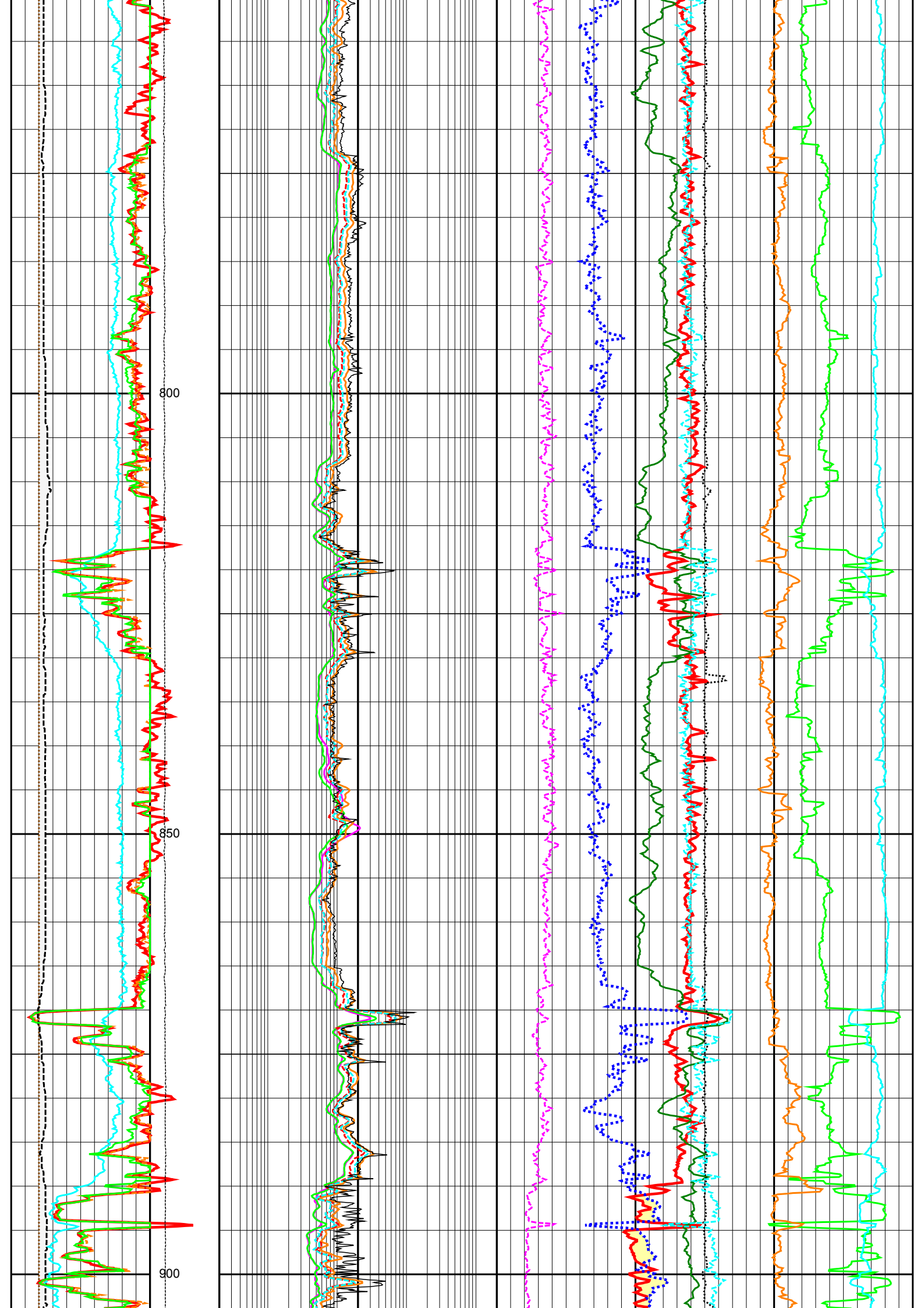




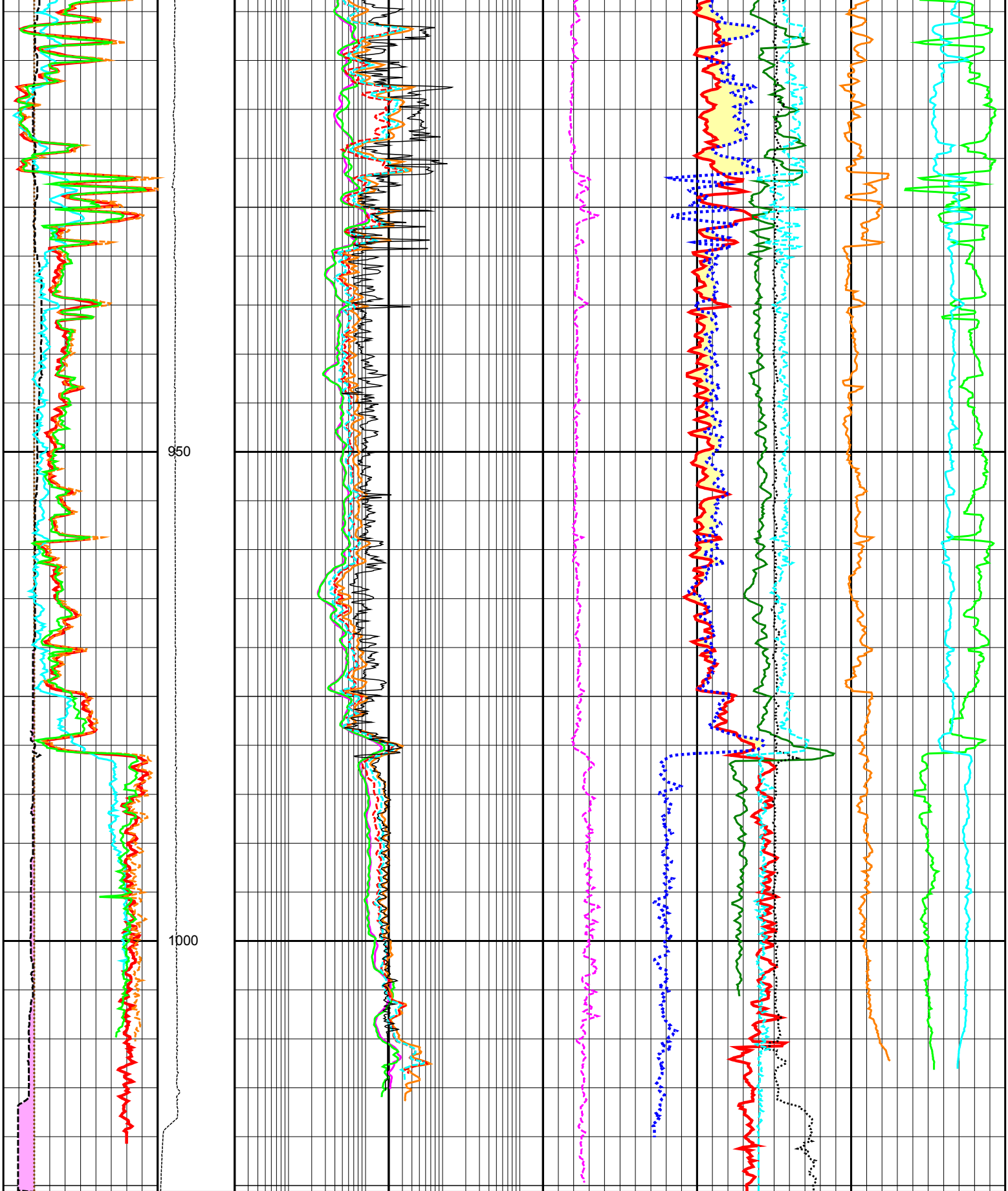












0.0	GR (API)	250.0	0.0 TENS (LB)	5000.0	0.2	ILD (OHMM)	2000.0	1.95	RHOB (G/C3)	2.95	50.0	THOR (PPM)	0.0
4.0	BS (INCH)	14.0	DEPTH		0.2	ILM (OHMM)	2000.0	0.45	NPHI (V/V)	-0.15	0.0	URAN (PPM)	20.0
4.0	CALL (INCH)	14.0	M		0.2	SFLU (OHMM)	2000.0	140.0	DT (US/F)	40.0	-0.1	POTA (V/V)	0.1
-80.0	SP (MV)	20.0	1:500		0.2	LLD (OHMM)	2000.0	0.0	PEF (B/E)	10.0	0.25	DRHO (G/C3)	0.25
0.0	SGR (API)	250.0			0.2	LLS (OHMM)	2000.0	0.45	NPOR (V/V)	-0.15			
0.0	CGR (API)	250.0			0.2	MSFL (OHMM)	2000.0						