

Schlumberger

Company: **Ominex Petroleum Inc**

Well: **Vega 4-29-1-49**

Field: **Wildcat**

County: **Washington**

State: **Colorado**

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Field: **Wildcat**
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County: Washington			
Field: Wildcat			
Location: NWNW Sec. 29, T1S, R49W			
Well: Vega 4-29-1-49			
Company: Omimex Petroleum Inc			
CMR			
LOCATION			
NWNW Sec. 29, T1S, R49W SHL: 1039' FNL X 751' FWL		Elev.: K.B. 4393.00 ft G.L. 4381.00 ft D.F. 4392.00 ft	
Permanent Datum:	Ground Level	Elev.: 4381.00 ft	
Log Measured From:	Kelly Bushing	12.00 ft above Perm. Datum	
Drilling Measured From:	Kelly Bushing		
API Serial No. 05-121-11024-000C	Section 29	Township 1S	Range 49W

D.F.	4392.00 ft
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Elev.: 4381.00 ft

12.00 ft above Perm. Datum

Range

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1000

10

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
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1888

1000

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OTHER SERVICES1	OTHER SERVICES2
OS1: BHC	OS1:
OS2: PEX-AIT	OS2:
OS3: MDT	OS3:
OS4:	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
This is the first run in hole	
Toolstring run as per tool sketch	
Matrix: Limestone (2.71 g/cc)	

Rig: Excel Rig 3					
Crew: Ian Derry, Jake Jump					
<div>RUN 1</div> <div> <div>SERVICE ORDER #:</div> <div>PROGRAM VERSION:</div> <div>FLUID LEVEL:</div> </div> <div> <div>CCN1-00019</div> <div>19C2-270</div> <div>200 ft</div> </div>			<div>RUN 2</div> <div> <div>SERVICE ORDER #:</div> <div>PROGRAM VERSION:</div> <div>FLUID LEVEL:</div> </div>		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP
EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		
<div>SURFACE EQUIPMENT</div> <div>WITM (DTS)-A</div> <div>GSR-U/Y</div> <div>NCT-B</div> <div>CNB-AB</div> <div>NCS-VB</div>					
DOWNHOLE EQUIPMENT					
LEH-QT			83.8		
LEH-QT					
DTC-H	CTEM		80.0	80.9	
ECH-KC	TelStatus		77.9		
	ToolStatu				
CMRT-B			77.9		
CMRH-AA					
CMRS-BA 265					
CMRC-B 283					
EME-F					
			64.2		
	CMR-B Raw				
	CMR-B Sen		62.3		
	CMR-B Dia				
AH-107			62.3		
AH-107					
AH-107	HGNS HTEM		60.3		
AH-107	HMCA		58.3		
HILTH-FTB	HGNS Gamm		57.5	58.3	
HGNSD-H					
HMCA-H					
HGNH	HGNS Neut		51.7		
NLS-KL	HGNS Neut		51.2		
NSR-F 2554					
HACCZ-H 6991	HGNS sens		48.9		
HCNT-H					
HGR					
HRCC-H	HRCC cart		44.9		
HRMS-H	MCFL		39.4		
HRGD-H	HILT cali		39.0		
GLS-VJ 5471	HRDD-LS				
MCFL Device-H	HRDD-SS				
HILT Nucl. LS-H 28620	HRDD-BS		38.6		
HILT Nucl. SS-H 42767					
HILT Nucl. BS-H 42767					
BOW-SPR					
DSLT-FTB			36.6		

USLC-B
ECH-KH
SLS-W

USN
UHN
USF UHF
LSF LHF
LHN
LSN
DSLTL Aux.

24.2
23.4
23.2
20.4
20.2
19.4

16.0

HAIT-H
AHIS-BA 216
AHRM-A

Induction
Temperatu
Power Sup
SP SENSOR
DF
HTEN HMAS HV
Accelerom
Mud Resis
Tension

7.9

0.1

0.0

TOOL ZERO

16.0

1.0 IN
Standoff

1.0 IN
Standoff

MAXIMUM STRING DIAMETER 6.60 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Company: Omimex Petroleum Inc

Well: Vega 4-29-1-4

Input DLIS Files

DEFAULT Splice_AIT_SONIC_032CUP FN:1 PRODUCER 05-Aug-2013 19:39 6816.0 FT 99.5 FT

Output DLIS Files

DEFAULT AIT_SONIC_TLD_MCFL_033PUP FN:31 PRODUCER 05-Aug-2013 19:41

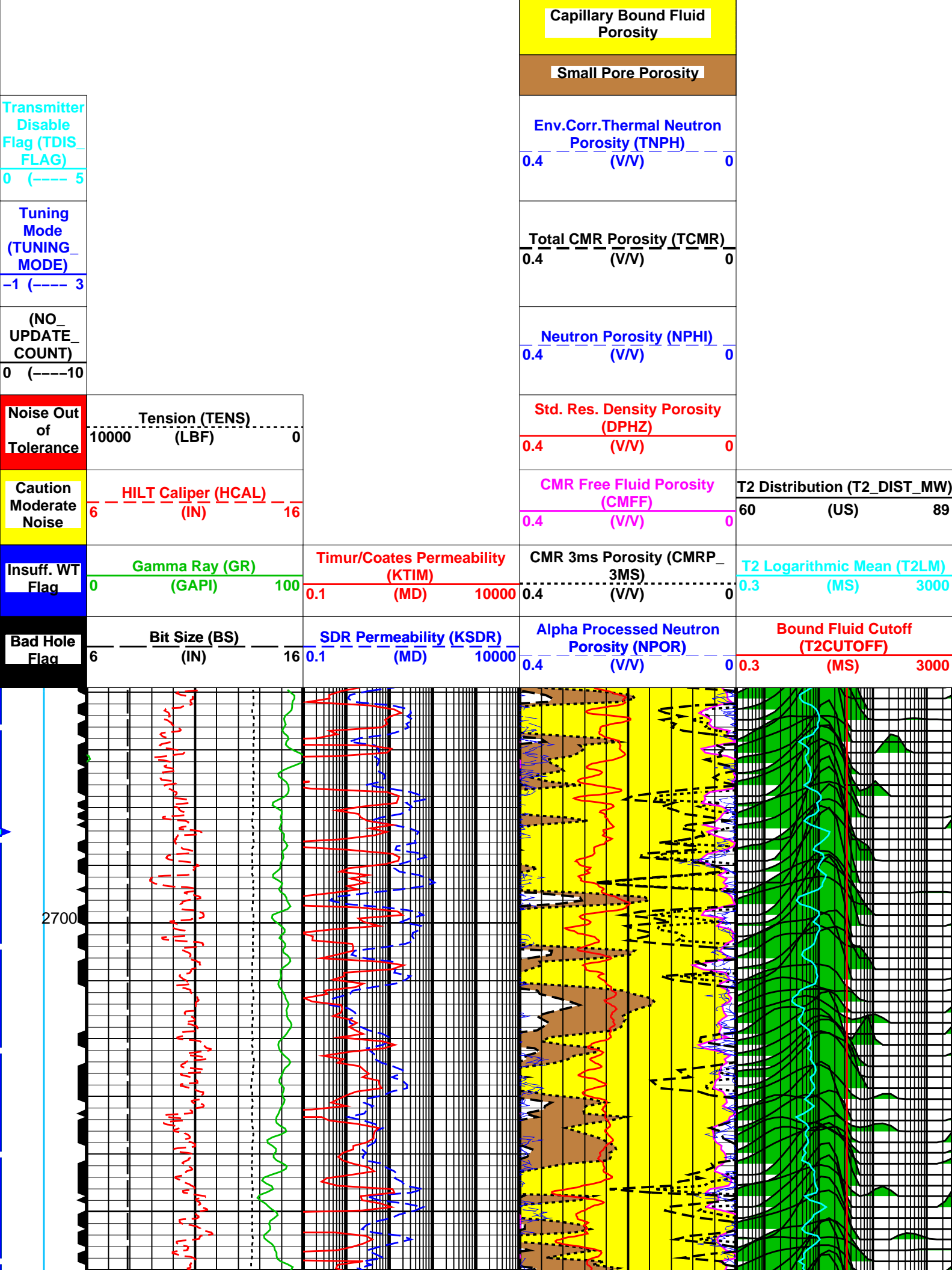
CMR DEPTH LOG REPORT

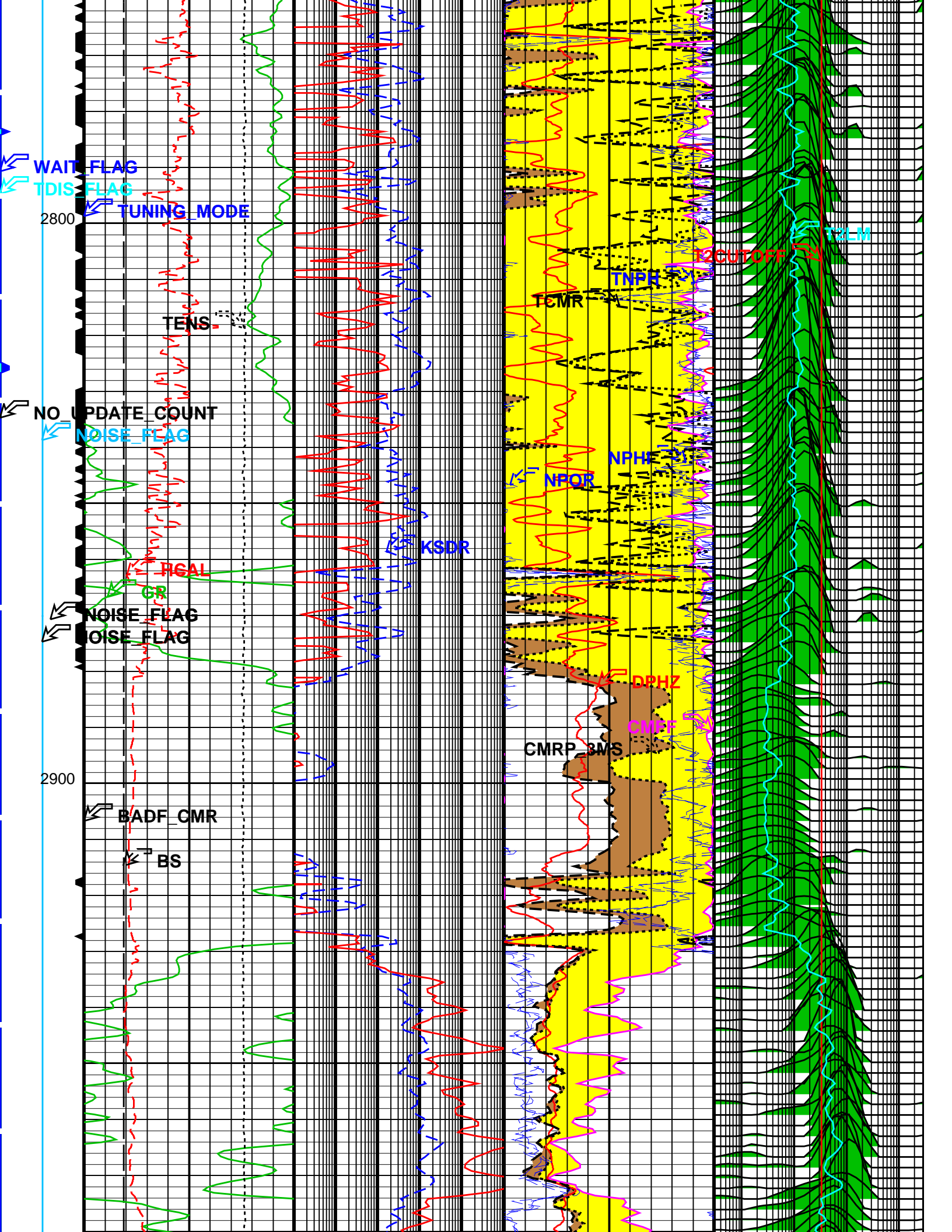
PARAMETER SUMMARY

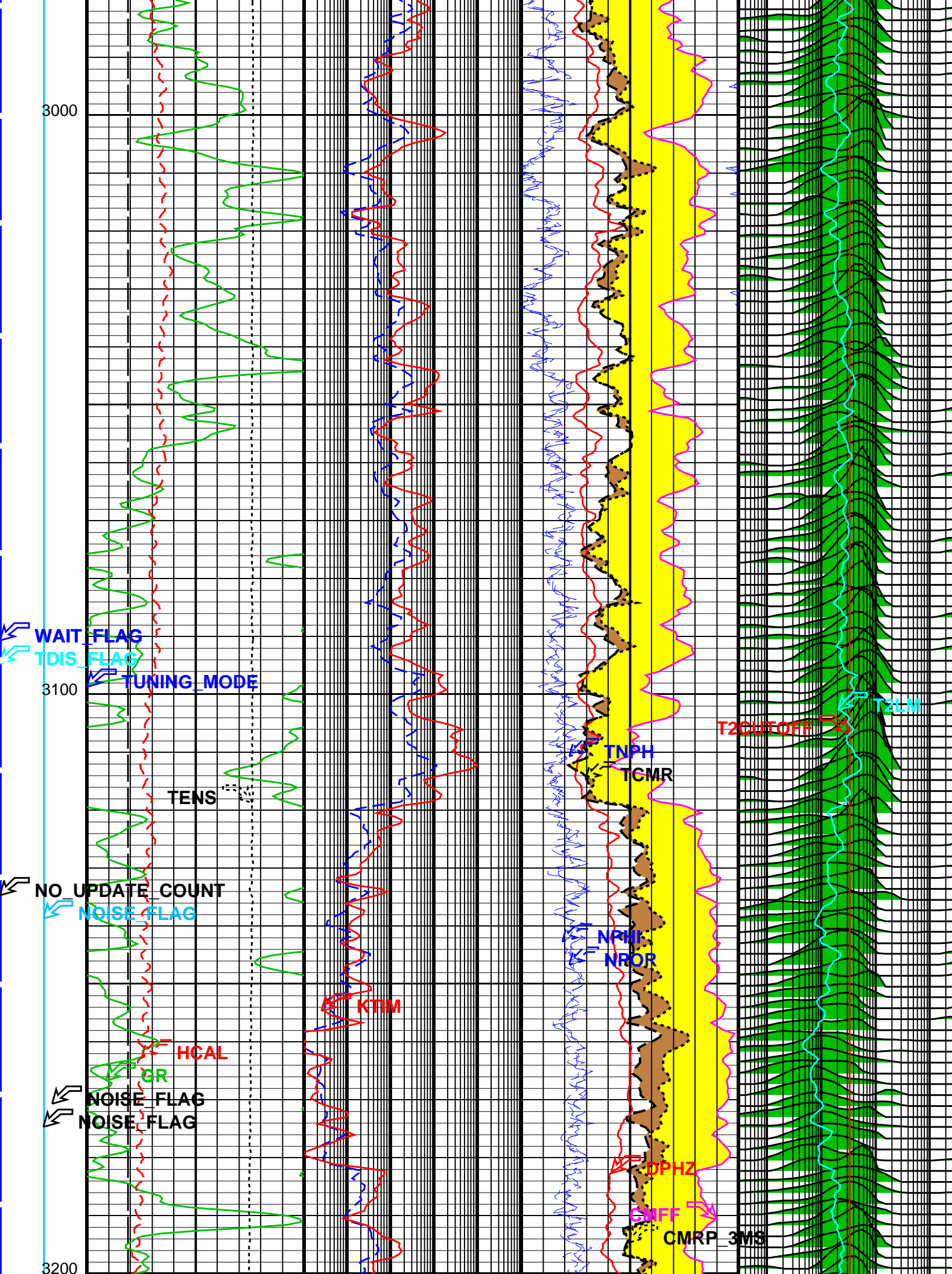
Tool Type: CMR-Plus	Cart. Number: 283	Sonde Number: 265	
Kit Number: 28	DHC Version : 17.2	DSP Version : 14	SP Version : 10182006
Mode: Carbonate Depth Log - B Mode		LFST Freq(khz) : 2149	LFST Temp(degC) : 84.09
Log Direction: Up	Polarization Correction: On	EPM: Yes	EPM T1/T2: Auto
Despiking: Off	High Res: Off	KBFV: Off	DMRP: Off
Echo Spacing(us):	(200 200)		
Polarization Times(sec) for:	T1=1s: (infinity 0.02)	T1=3s: (4.803 0.02)	T1=5s: (4.756 0.02)
Number of Echoes:	(1800 30)		
Repetition:	(1 10)	Duty Cycle (highest): 0.0282	
Regularization:	Auto		
T2 Min(msec): 0.3	T2 Max(msec): 3000	T2 Cutoff(msec): 33	T1/T2: 2
Number of Components: 30	Downhole Stacking: 3	Uphole Stacking: 1	First Echo Used: No
Multiple T2 Cutoffs(msec):	(0.3 1 3 10 33 100 300 1000 3000)		
Sample Int.(in): 7.5	Req Log Speed (f/h): 1200		

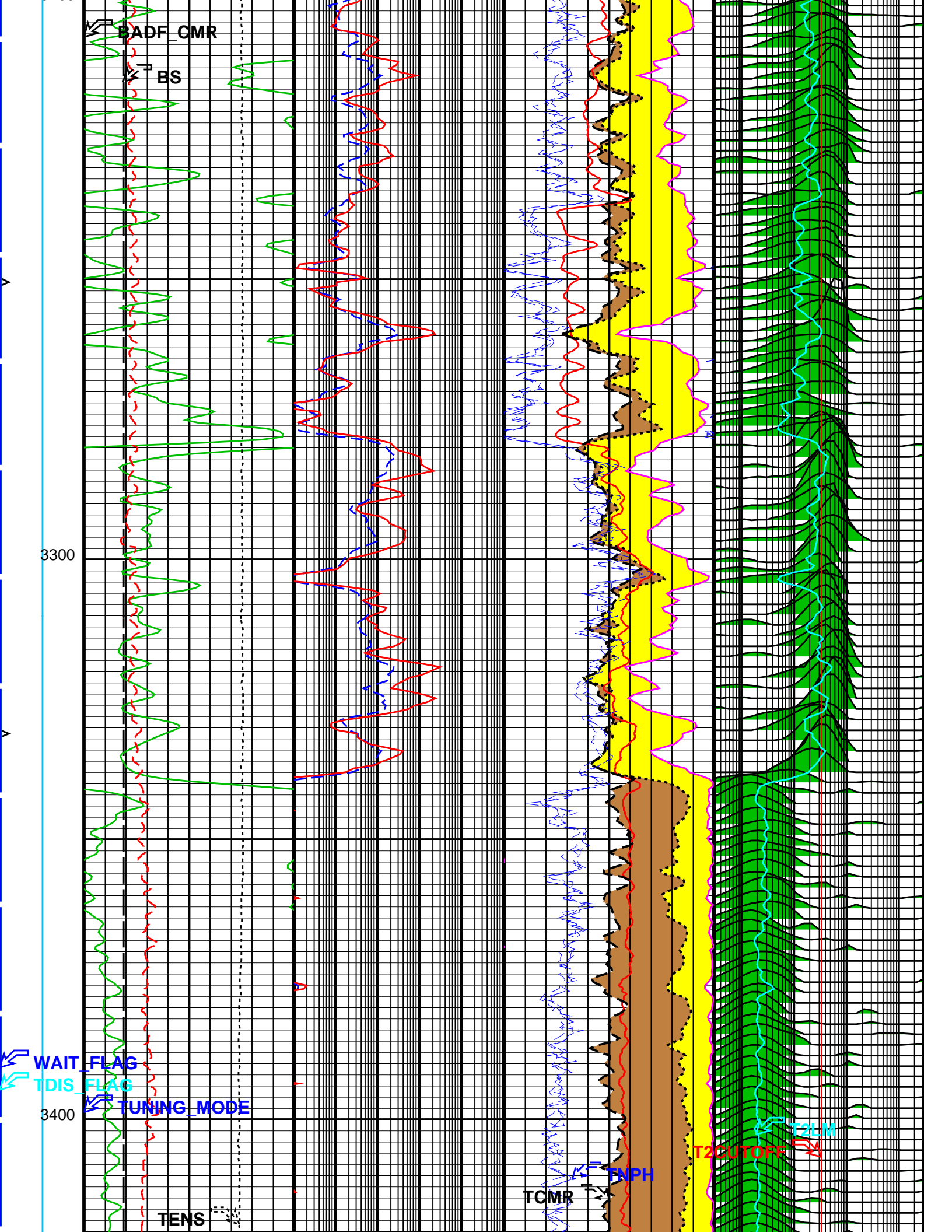
PIP SUMMARY

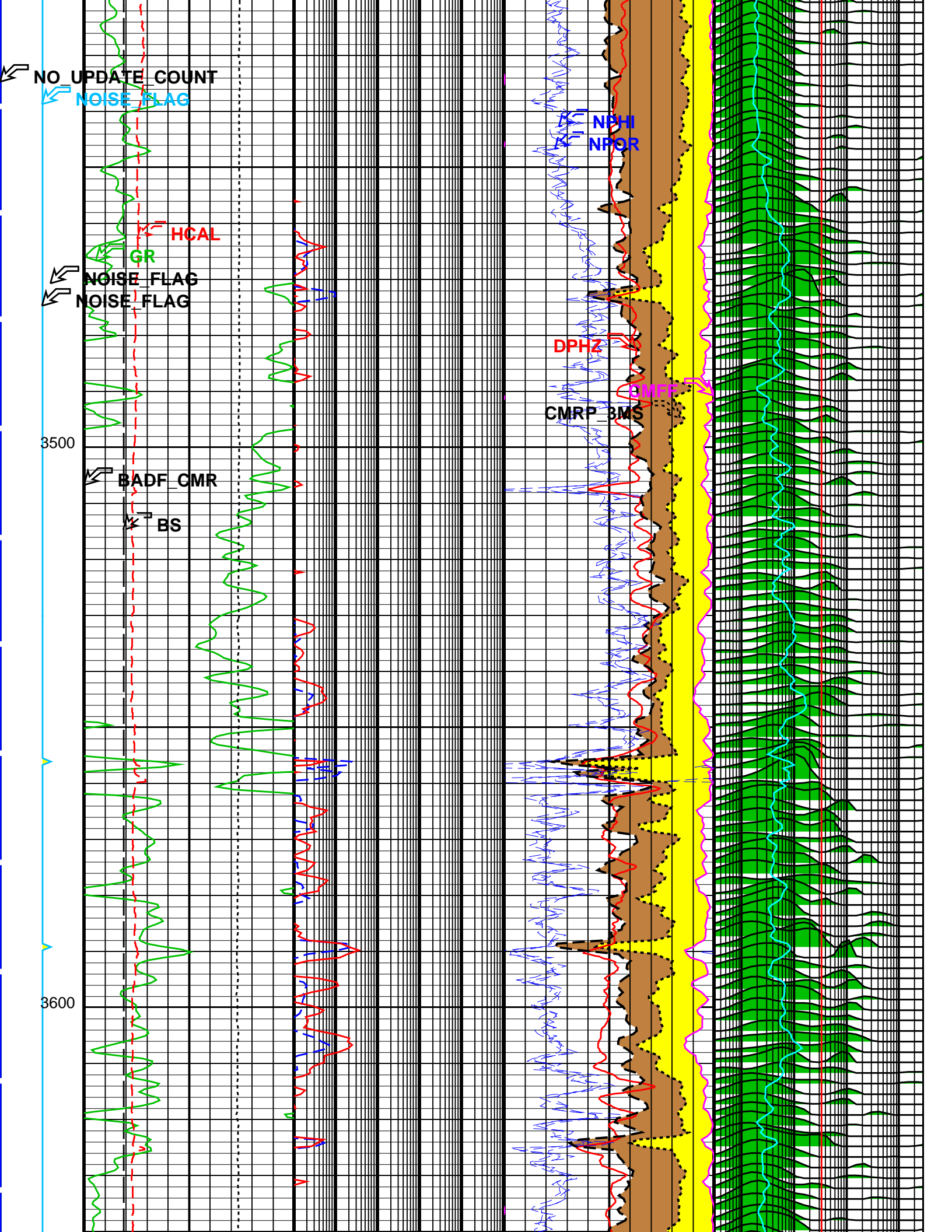
Time Mark Every 60 S

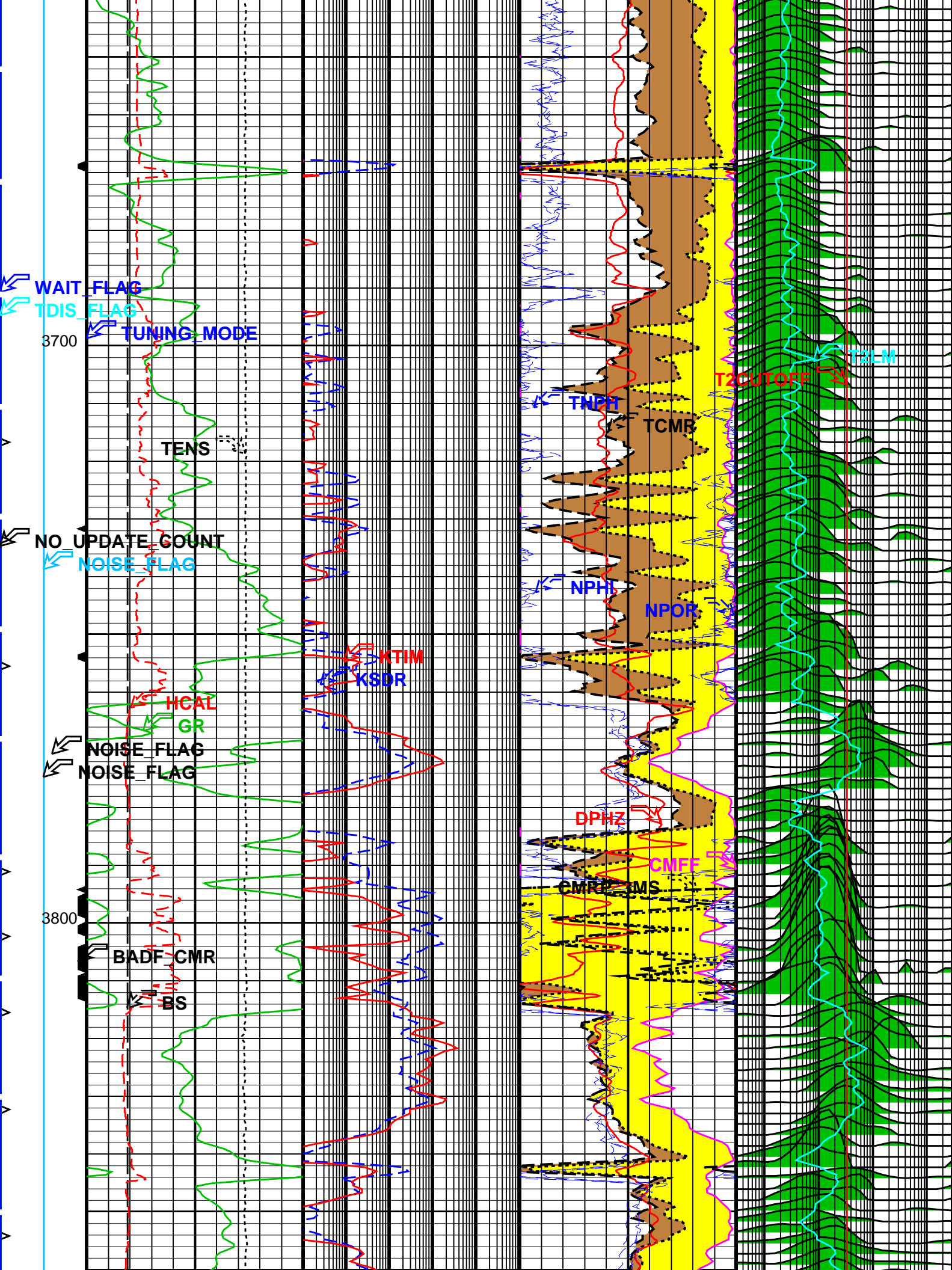


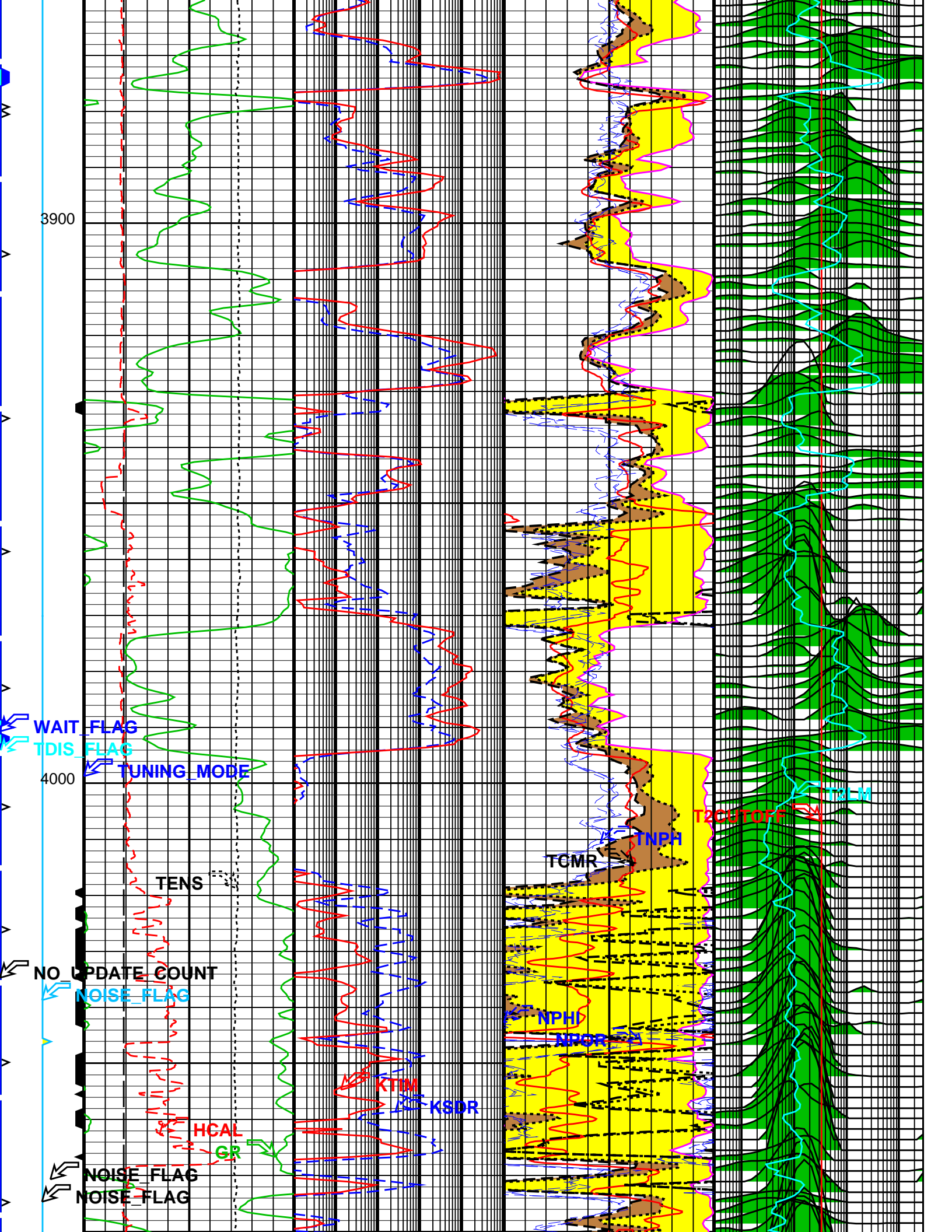


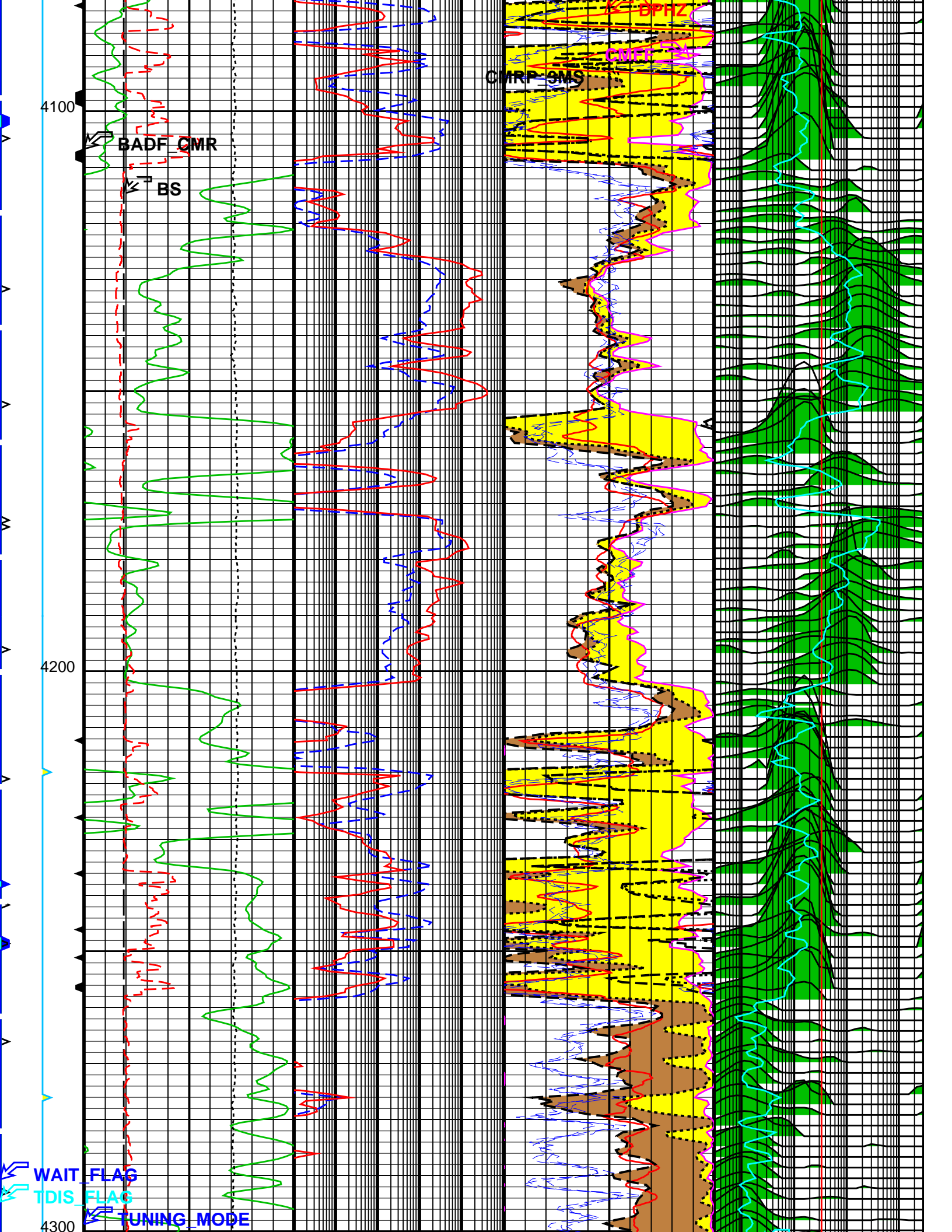


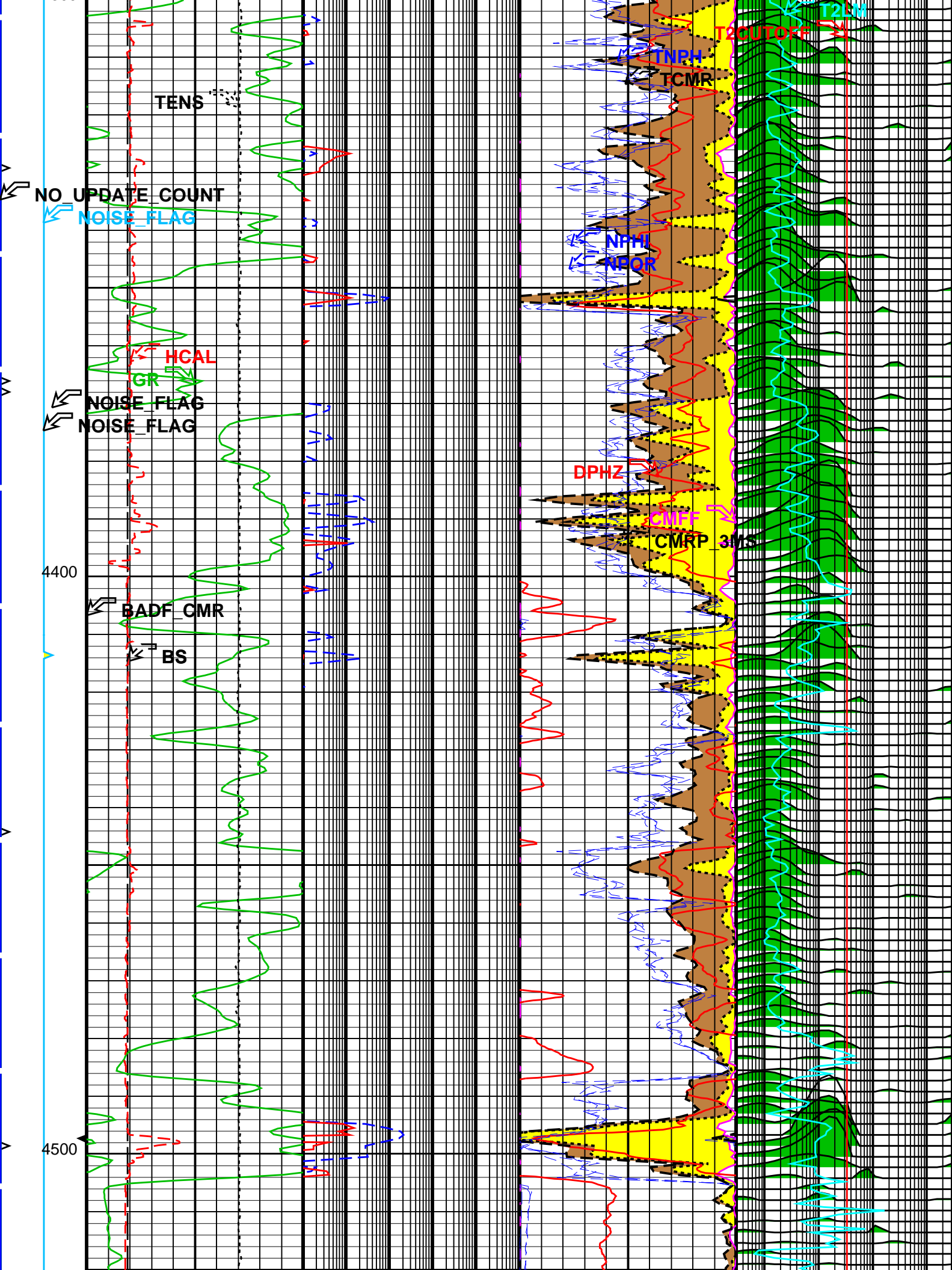


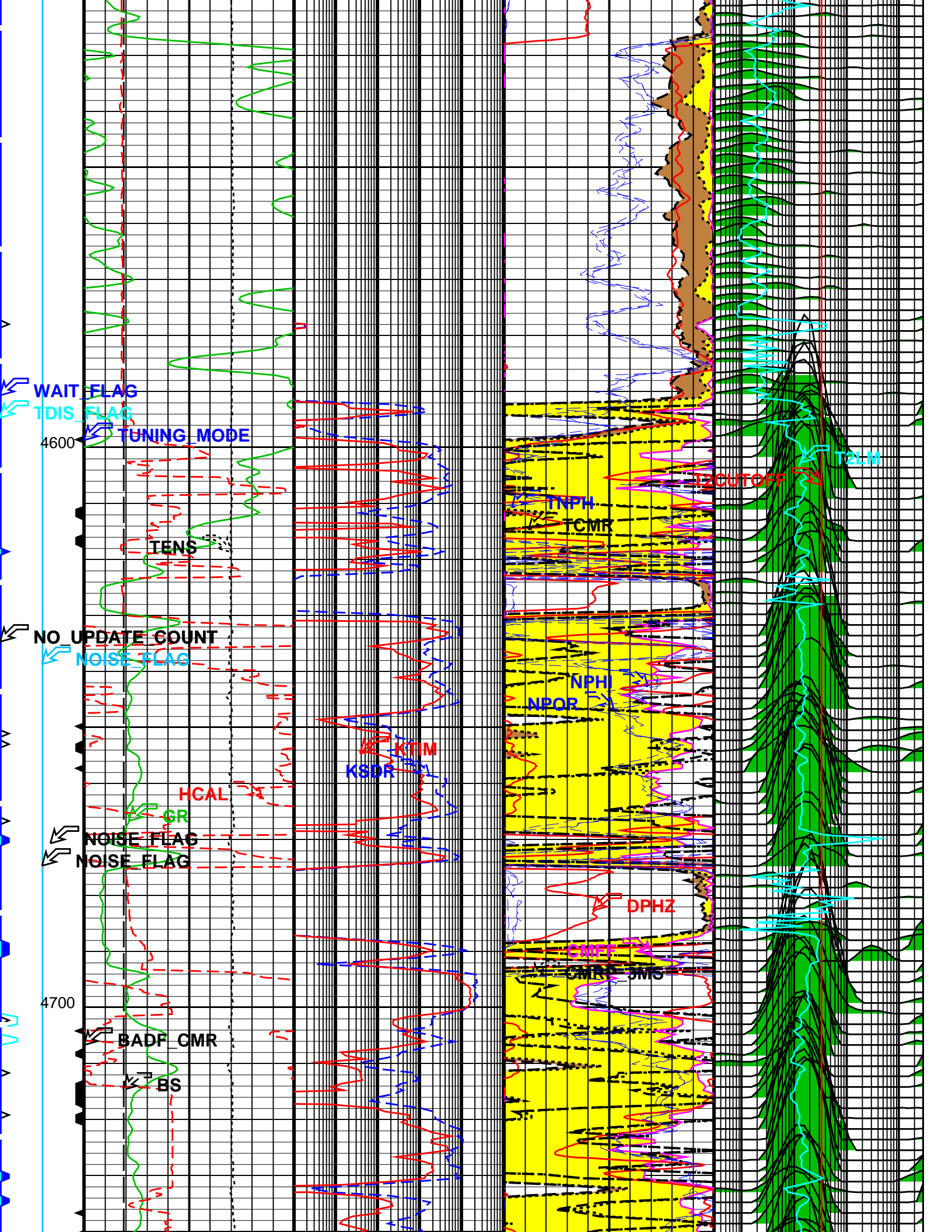


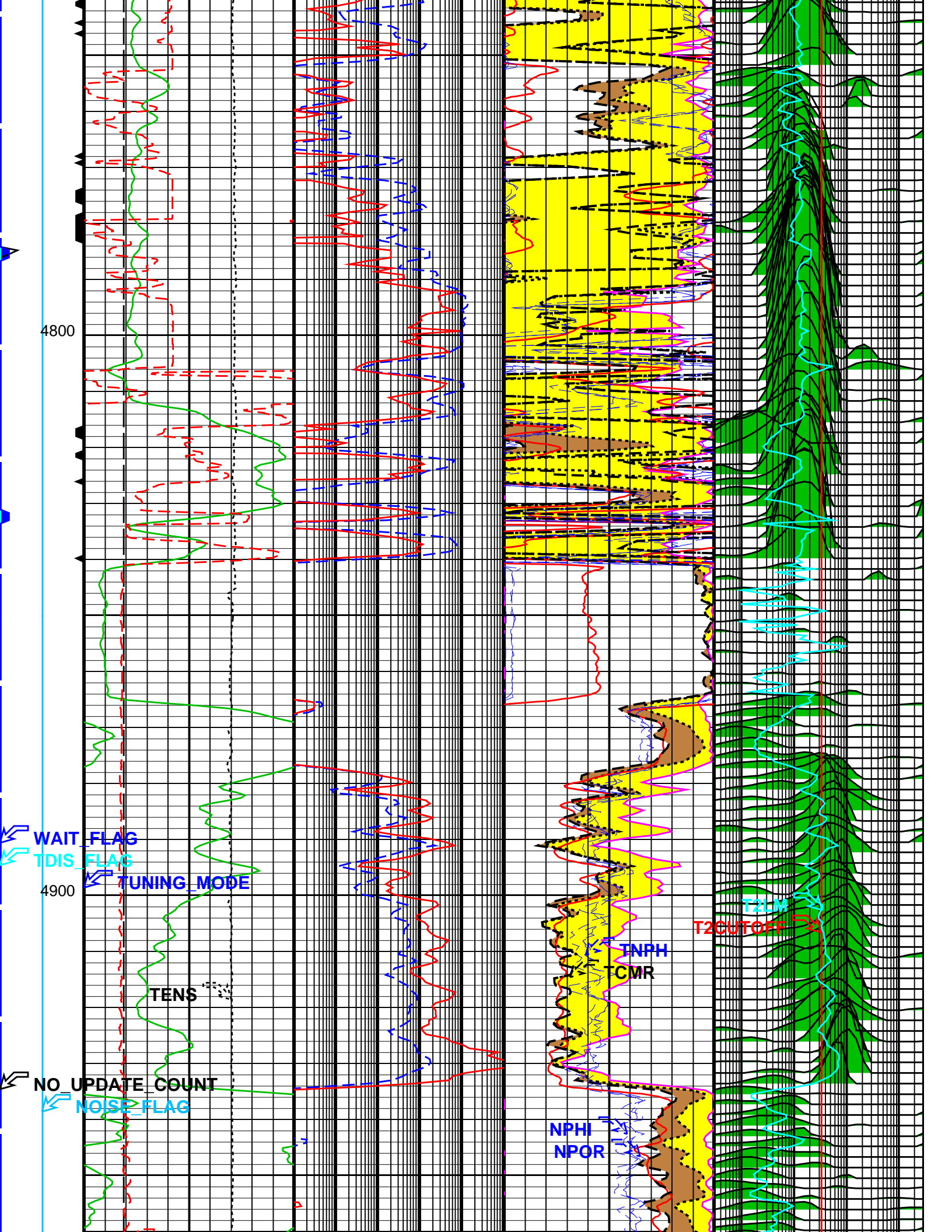


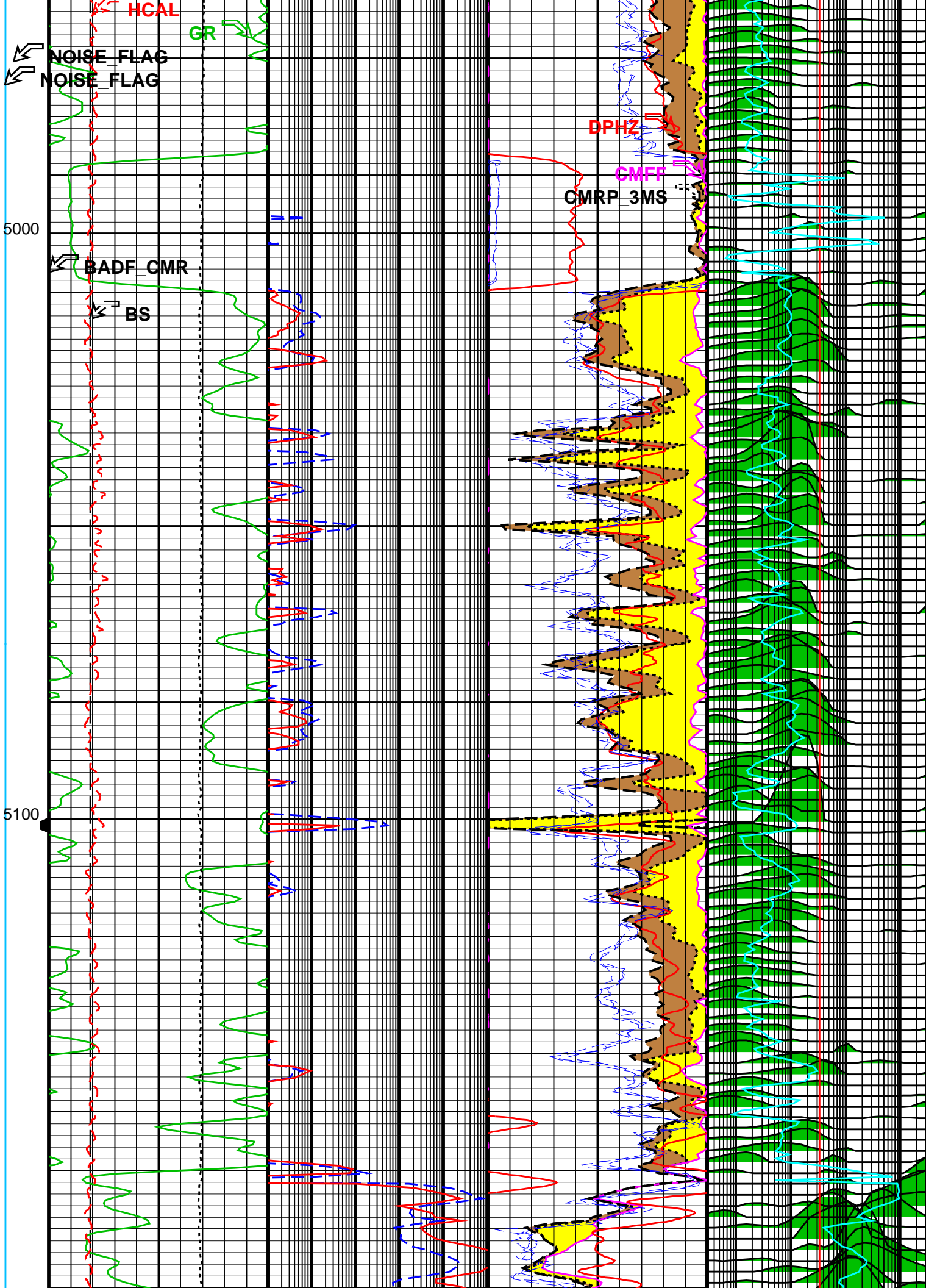


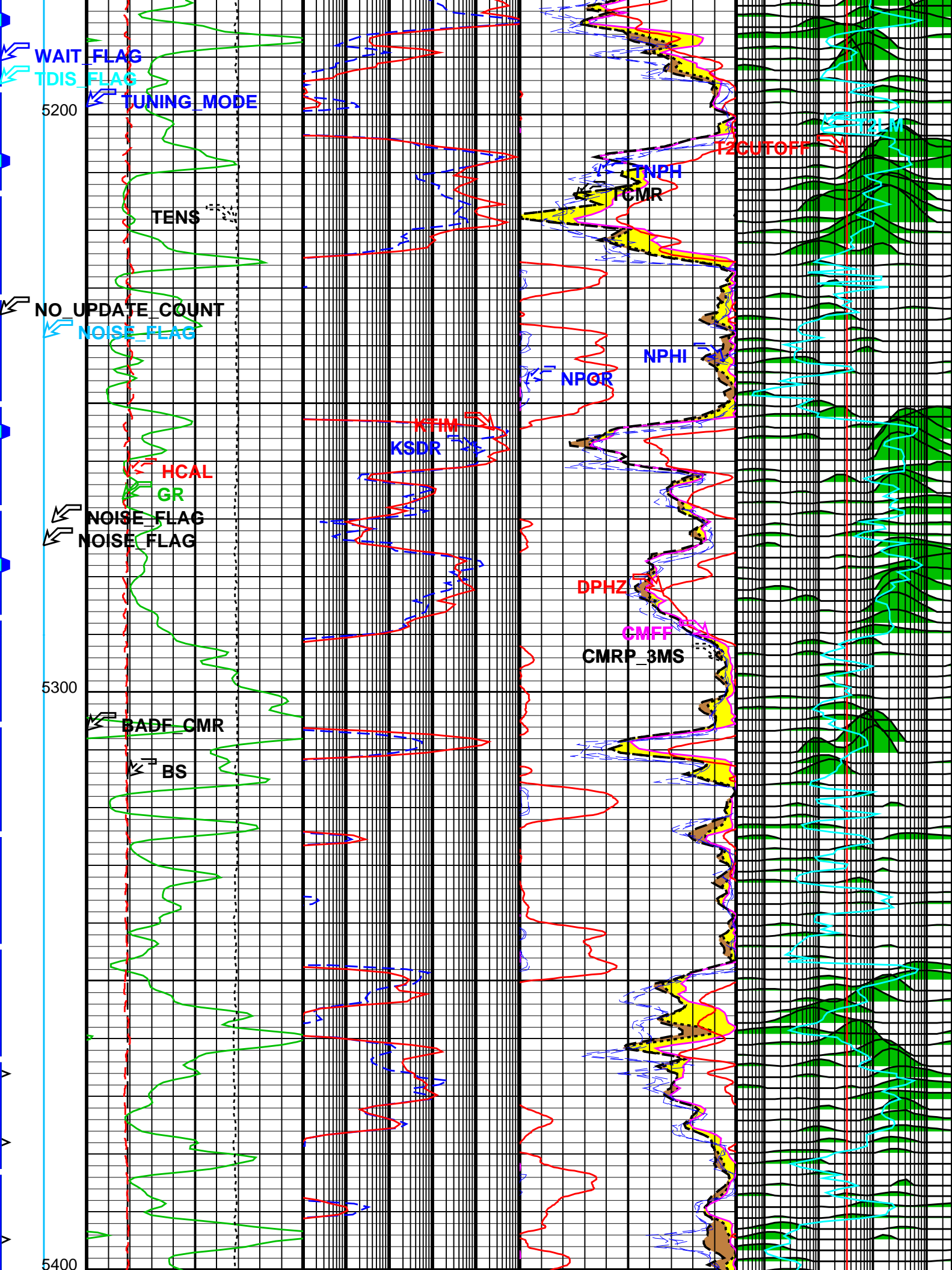


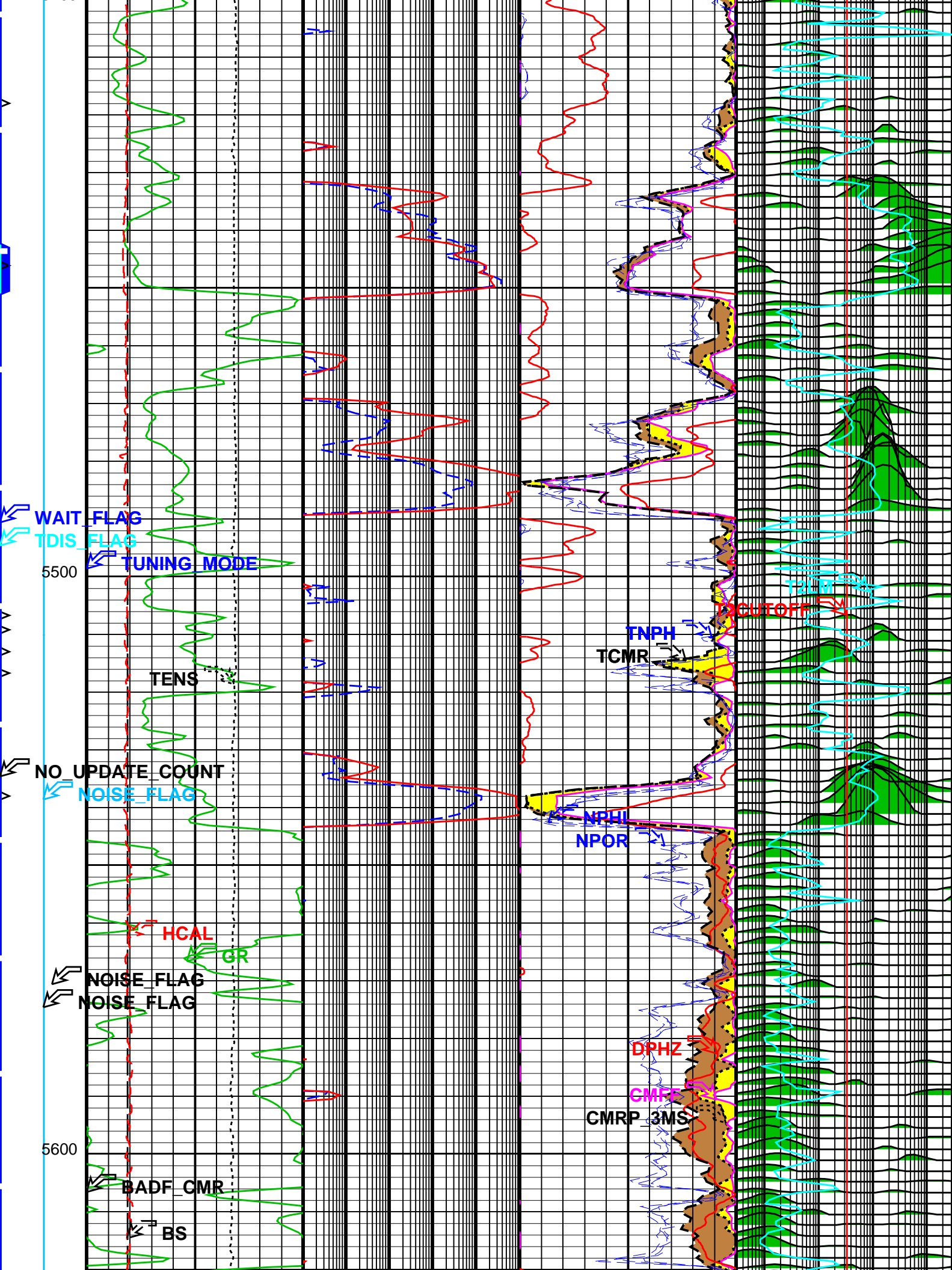


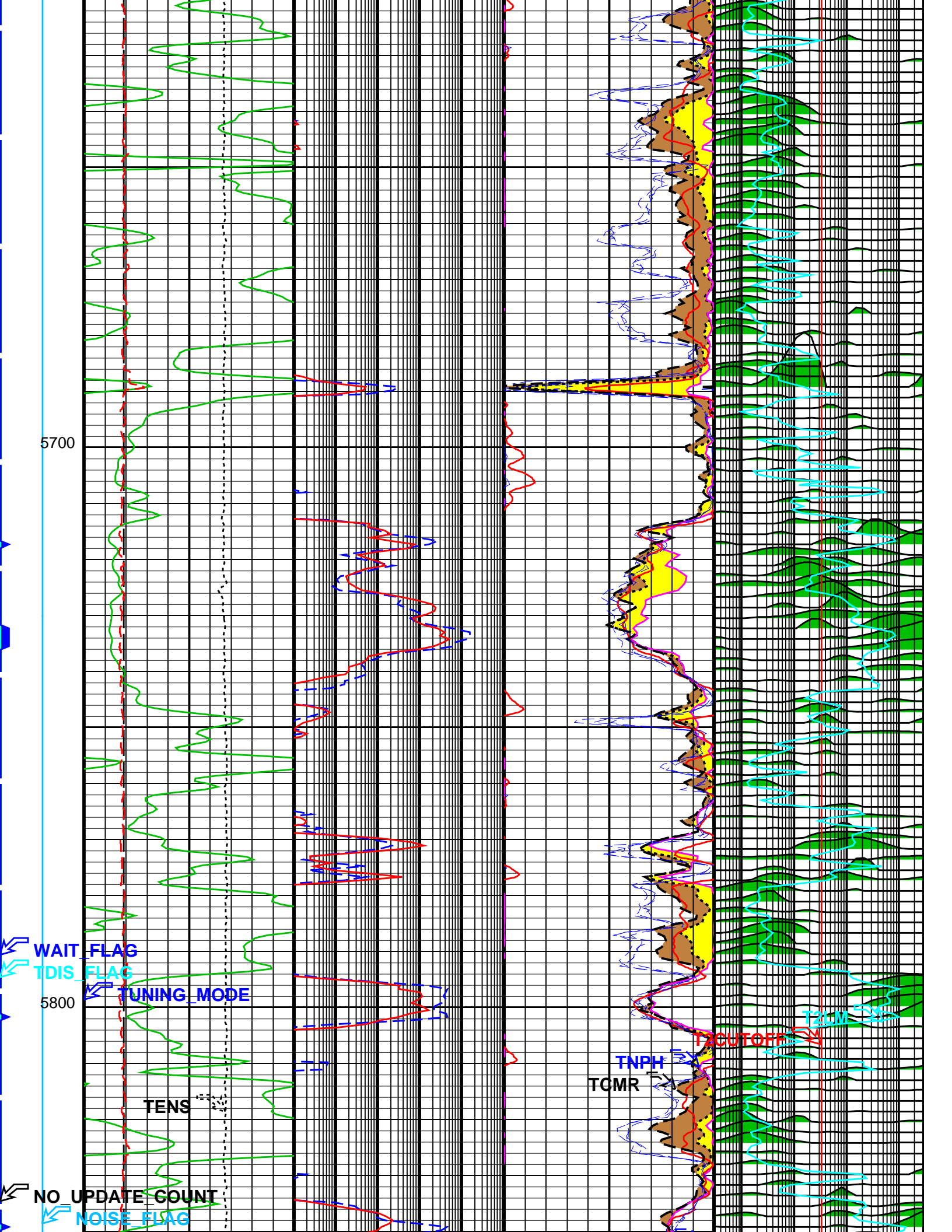


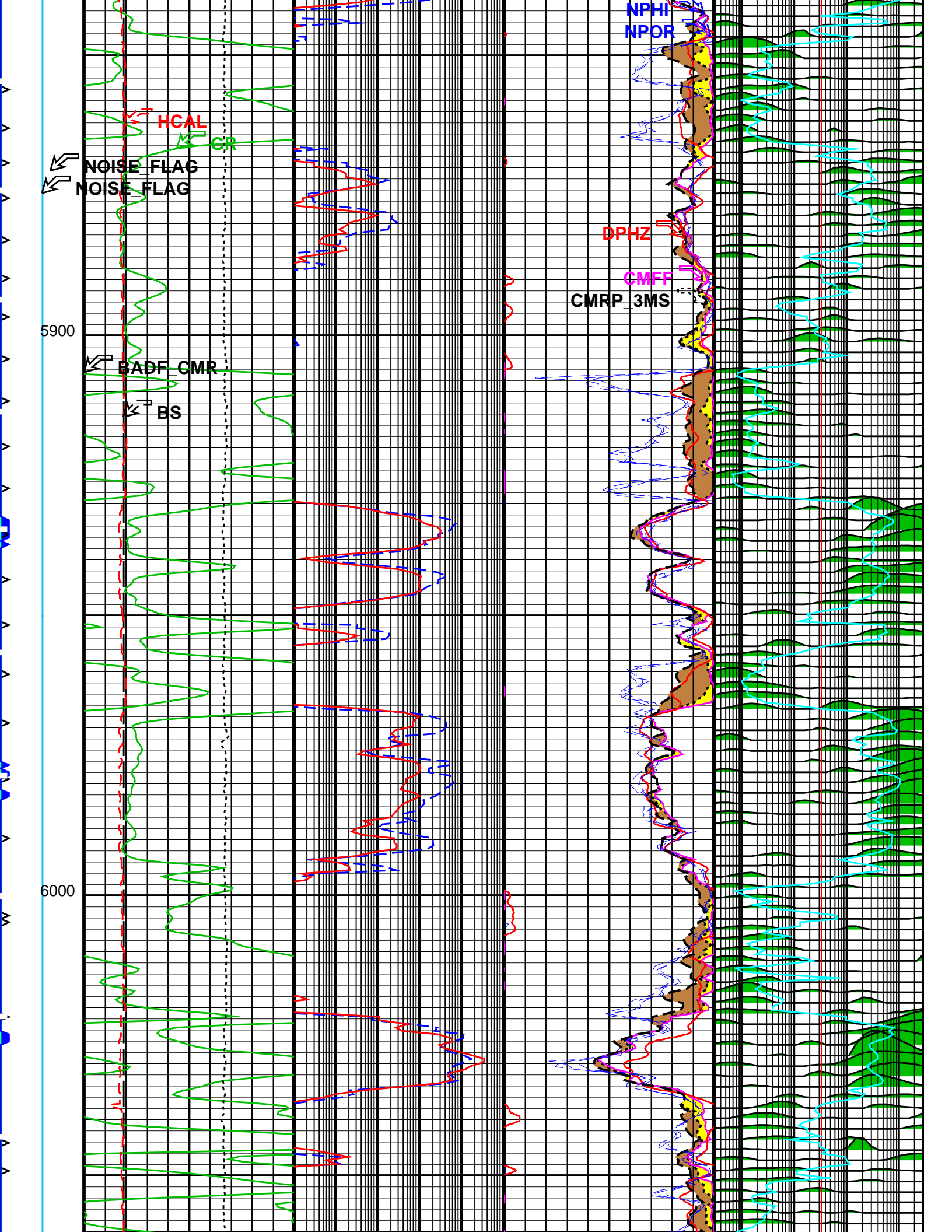


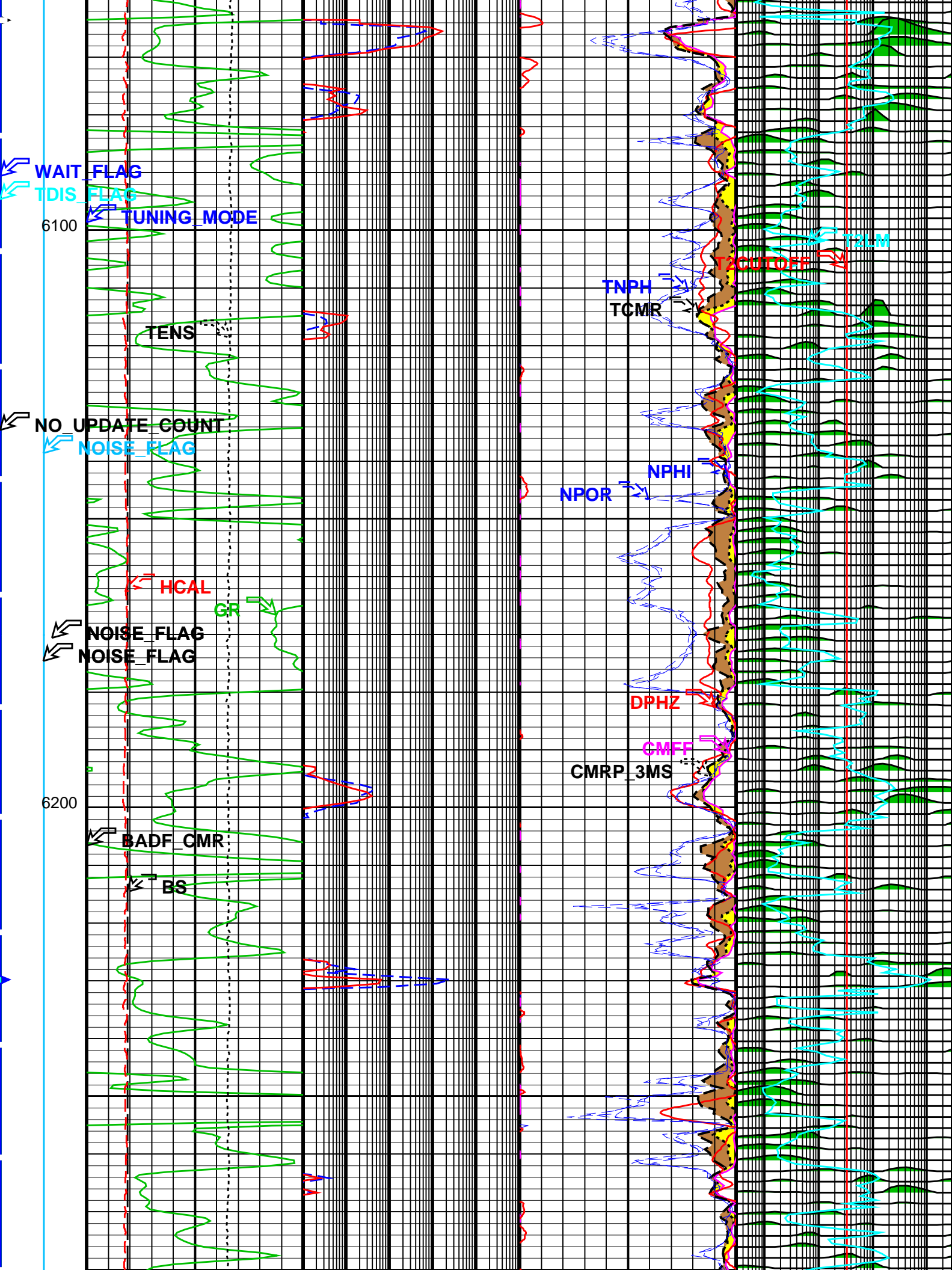


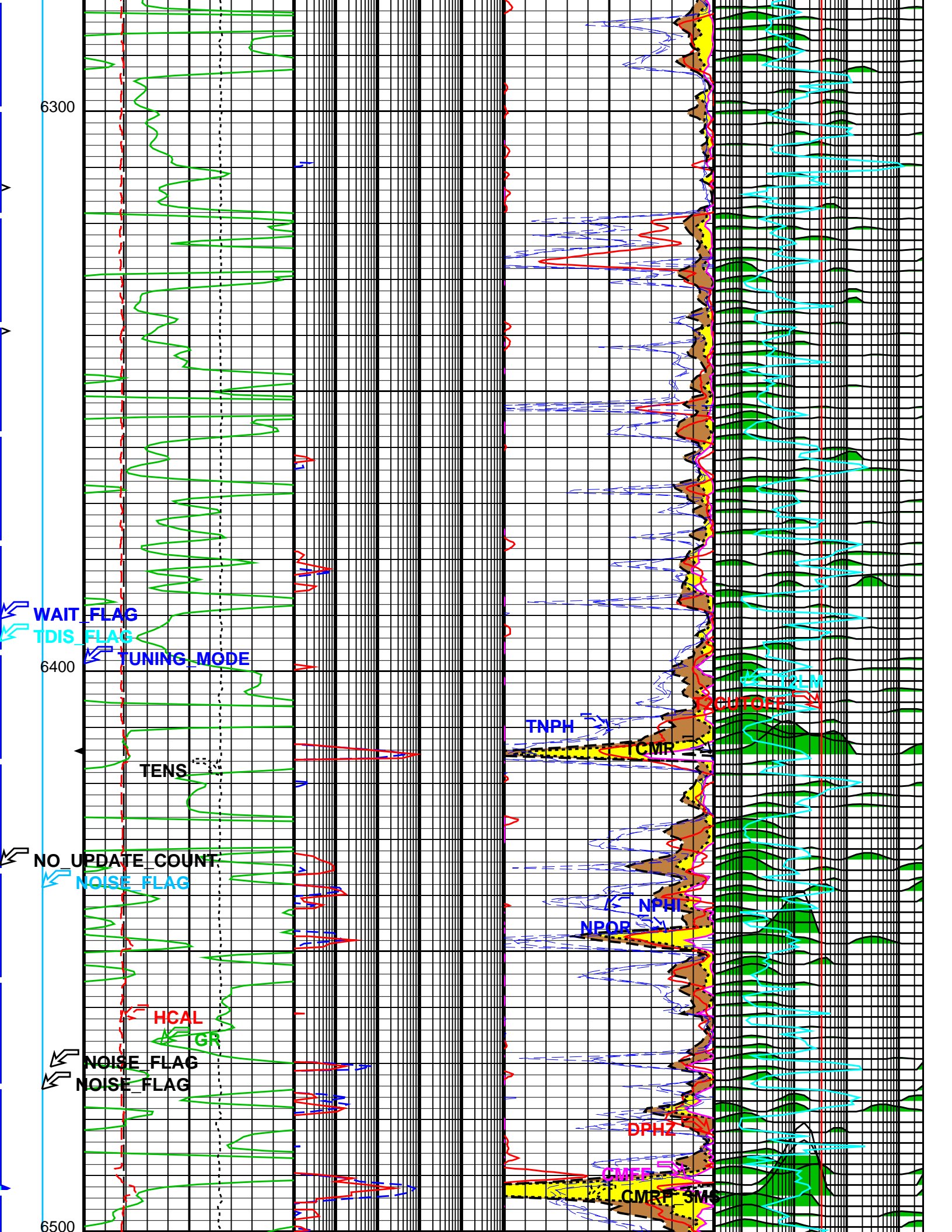


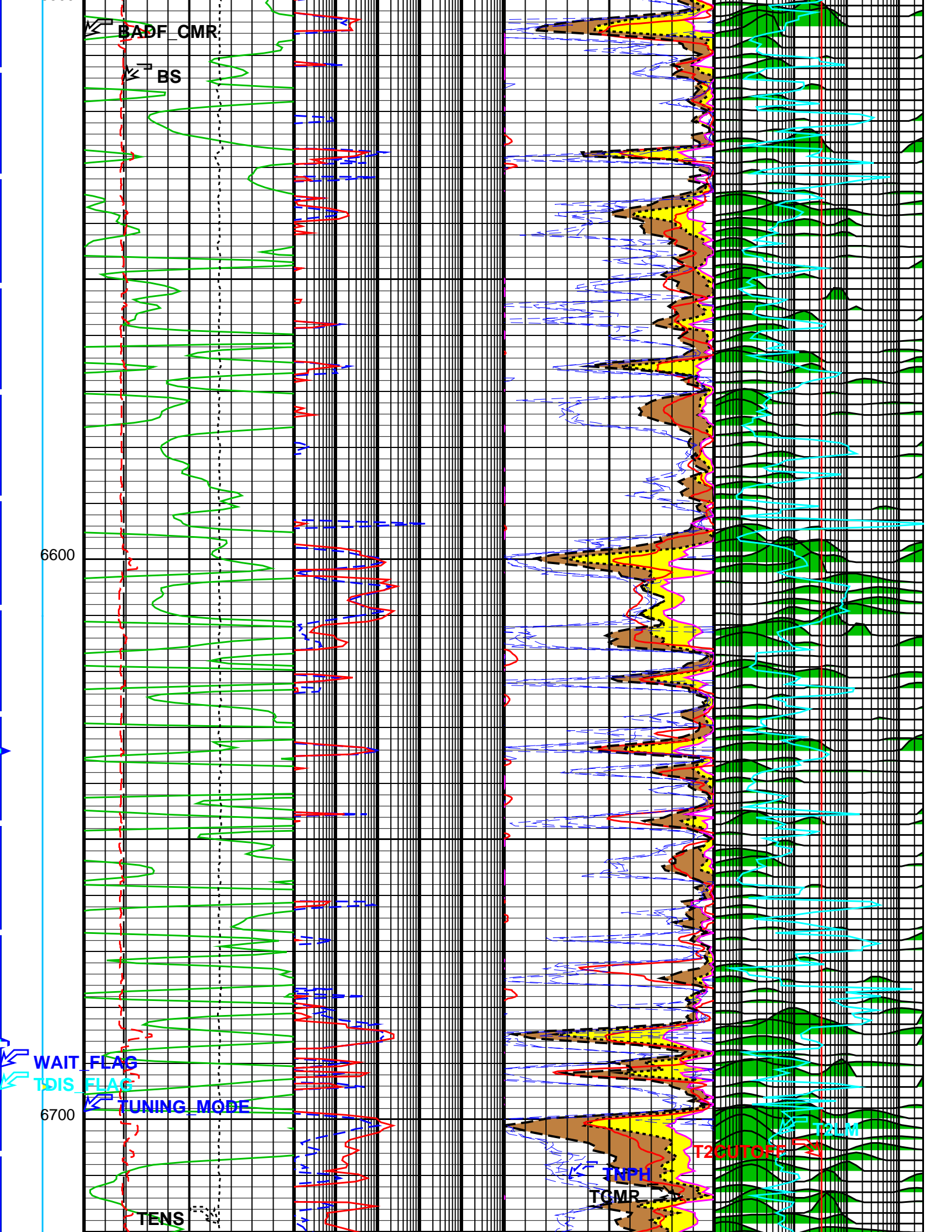


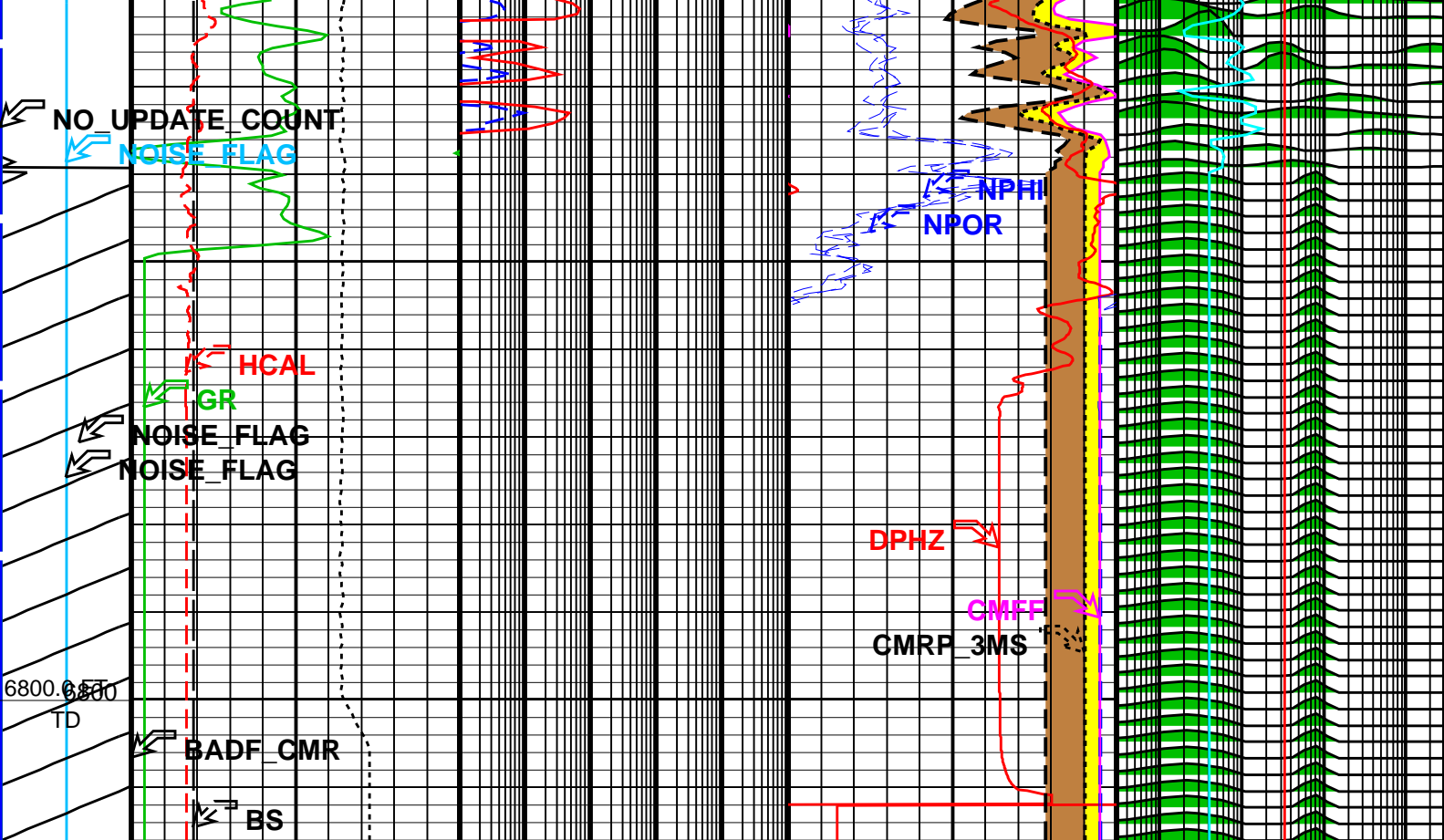












Bad Hole Flag	Bit Size (BS) (IN)	SDR Permeability (KSDR) (MD)	Alpha Processed Neutron Porosity (NPOR) (V/V)	Bound Fluid Cutoff (T2CUTOFF) (MS)
Insuff. WT Flag	Gamma Ray (GR) (GAPI)	Timur/Coates Permeability (KTIM) (MD)	CMR 3ms Porosity (CMRP_3MS) (V/V)	T2 Logarithmic Mean (T2LM) (MS)
Cautious Moderate Noise	HILT Caliper (HCAL) (IN)		CMR Free Fluid Porosity (CMFF) (V/V)	T2 Distribution (T2_DIST_MW) (US)
Noise Out of Tolerance	Tension (TENS) (LBF)		Std. Res. Density Porosity (DPHZ) (V/V)	
(NO_UPDATE_COUNT)			Neutron Porosity (NPHI) (V/V)	
Tuning Mode (TUNING_MODE)			Total CMR Porosity (TCMR) (V/V)	
Transmitter Disable Flag (TDIS_FLAG)			Env.Corr.Thermal Neutron Porosity (TNPH) (V/V)	
			Small Pore Porosity	
			Capillary Bound Fluid Porosity	

Parameters

DLIS Name	Description	Value	
HAIT-H: Array Induction Tool – H			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
HILTH-FTB: High resolution Integrated Logging Tool-DTS			
BHFL	Borehole Fluid Type	WATER	
BHFL_TLD	HILT Nuclear Mud Base	WATER	
BHS	Borehole Status	OPEN	
BSCO	Borehole Salinity Correction Option	NO	
CCCO	Casing & Cement Thickness Correction Option	NO	
DHC	Density Hole Correction	BS	
FD	Fluid Density	1	G/C3
FSAL	Formation Salinity	-50000	PPM
FSCO	Formation Salinity Correction Option	NO	
GCLF	Germany Coal-like Formation Option	NO	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
HSCO	Hole Size Correction Option	YES	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MCCO	Mud Cake Correction Option	NO	
MCOR	Mud Correction	NATU	
MDEN	Matrix Density	2.71	G/C3
MWCO	Mud Weight Correction Option	NO	
NAAC	HRDD APS Activation Correction	OFF	
NMT	HILT Nuclear Mud Type	NOBARITE	
NPRM	HRDD Processing Mode	StdRes	
NSAR	HRDD Depth Sampling Rate	1	IN
PTCO	Pressure/Temperature Correction Option	NO	
SDAT	Standoff Data Source	SOCN	
SHT	Surface Hole Temperature	68	DEGF
SOCN	Standoff Distance	0.125	IN
SOCO	Standoff Correction Option	YES	
CMRT-B: Combinable Magnetic Resonance Tool – B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
HOLEV: Integrated Hole/Cement Volume			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
PERT: Preliminary Evaluation – Real Time			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
STI: Stuck Tool Indicator			
TDL	Total Depth – Logger	6800.00	FT
System and Miscellaneous			
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	8.625	IN
DO	Depth Offset for Playback	0.0	FT
MST	Mud Sample Temperature	95.00	DEGF
PP	Playback Processing	RECOMPUTE	
RMFS	Resistivity of Mud Filtrate Sample	0.0830	OHMM

Format: CMRT_DEPTH_LOG

Vertical Scale: 5" per 100'

Graphics File Created: 05-Aug-2013 19:41

OP System Version: 19C2-270

HAIT-H 19C2-270
HILTH-FTB 19C2-270
DTC-H 19C2-270

DSLT-FTB 19C2-270
CMRT-B 19C2-270

Input DLIS Files

DEFAULT	Splice_AIT_SONIC_032CUP	FN:1	PRODUCER	05-Aug-2013 19:39	6816.0 FT	99.5 FT
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Output DLIS Files

DEFAULT	AIT_SONIC_TLD_MCFL_033PUP	FN:31	PRODUCER	05-Aug-2013 19:41
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Company: **Omimex Petroleum Inc**

Schlumberger

Well: **Vega 4-29-1-49**

Field: **Wildcat**

County: **Washington**

State: **Colorado**

CMR