

Log Variables

DatabaseC:\ProgramData\Warrior\Data\berexco_arnold unit 16-1.db
Dataset field/well/stack/pass3.1/_vars_

Top - Bottom

BOREID in 7.875	BOTTEMP degF 132	CASEOD in 5.5	CASETHCK in 0	FLUIDDEN g/cc 1	MATRXDEN g/cc 2.71	NPORSEL Limestone	PERFS No
SNDERR mmho/m 0	SNDERRM mmho/m 0	SPSHIFT mV 160	SRFTEMP degF 80	SZCOR Off	TDEPTH ft 5601		

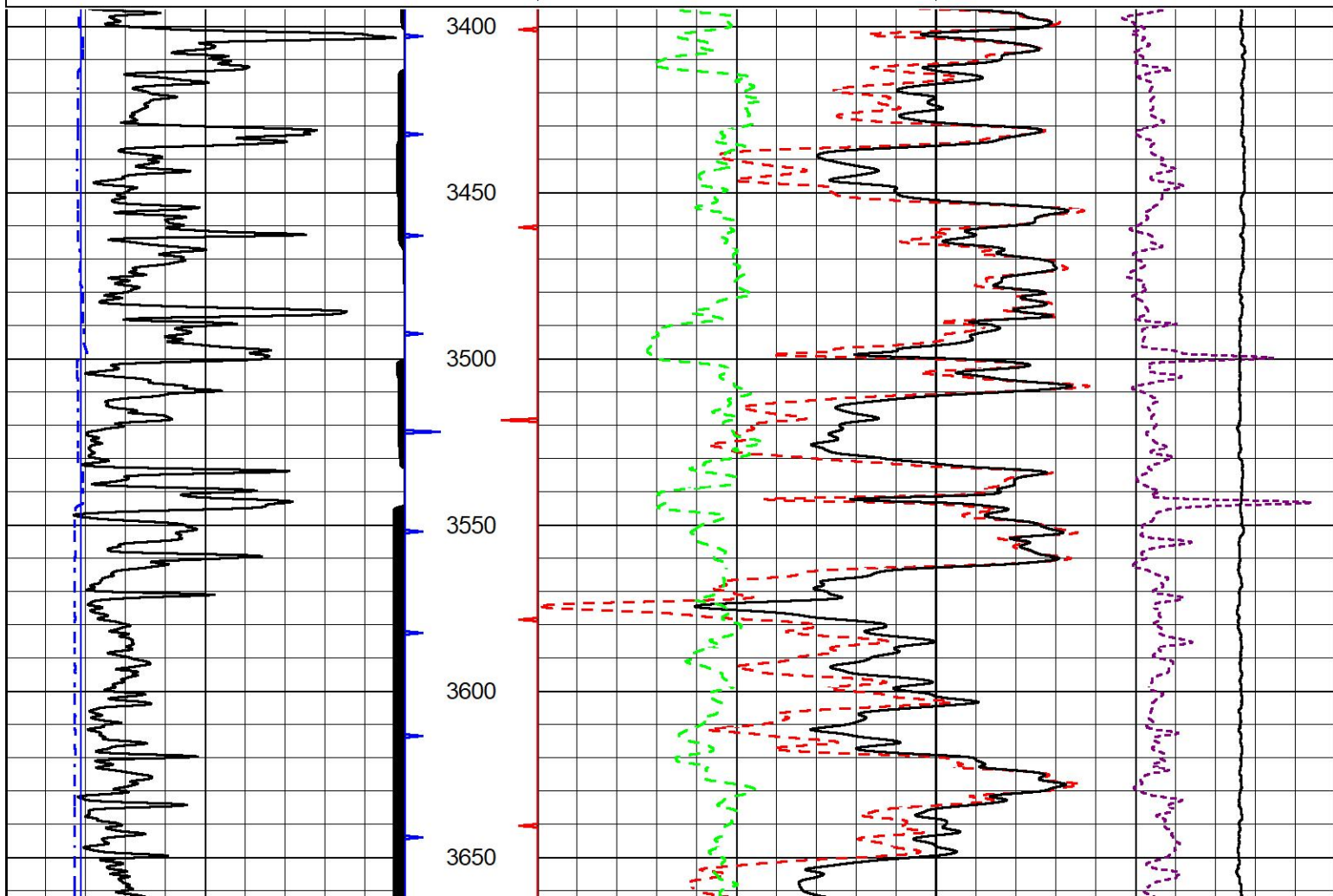


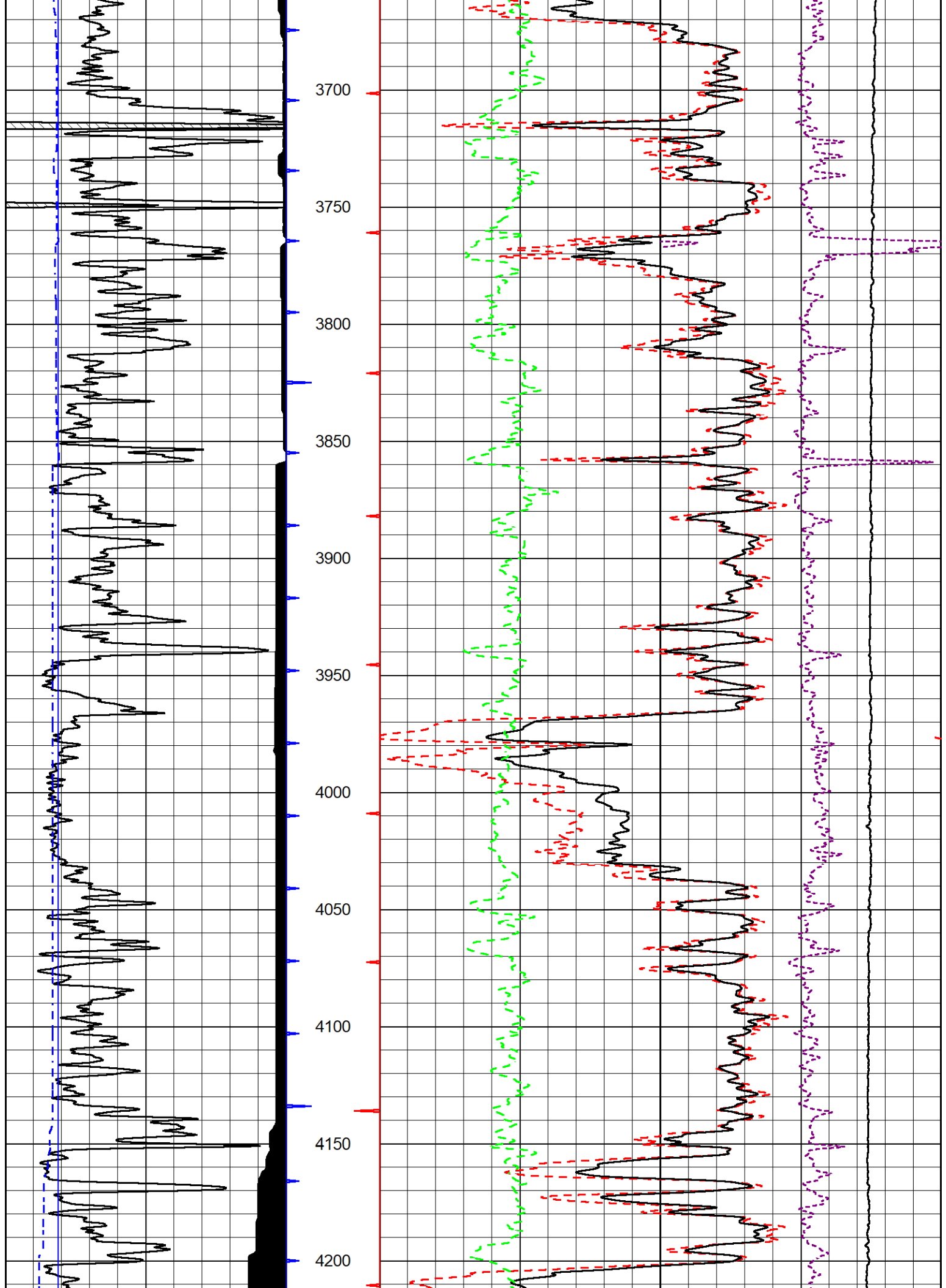
2" SCALE BULK DENSITY

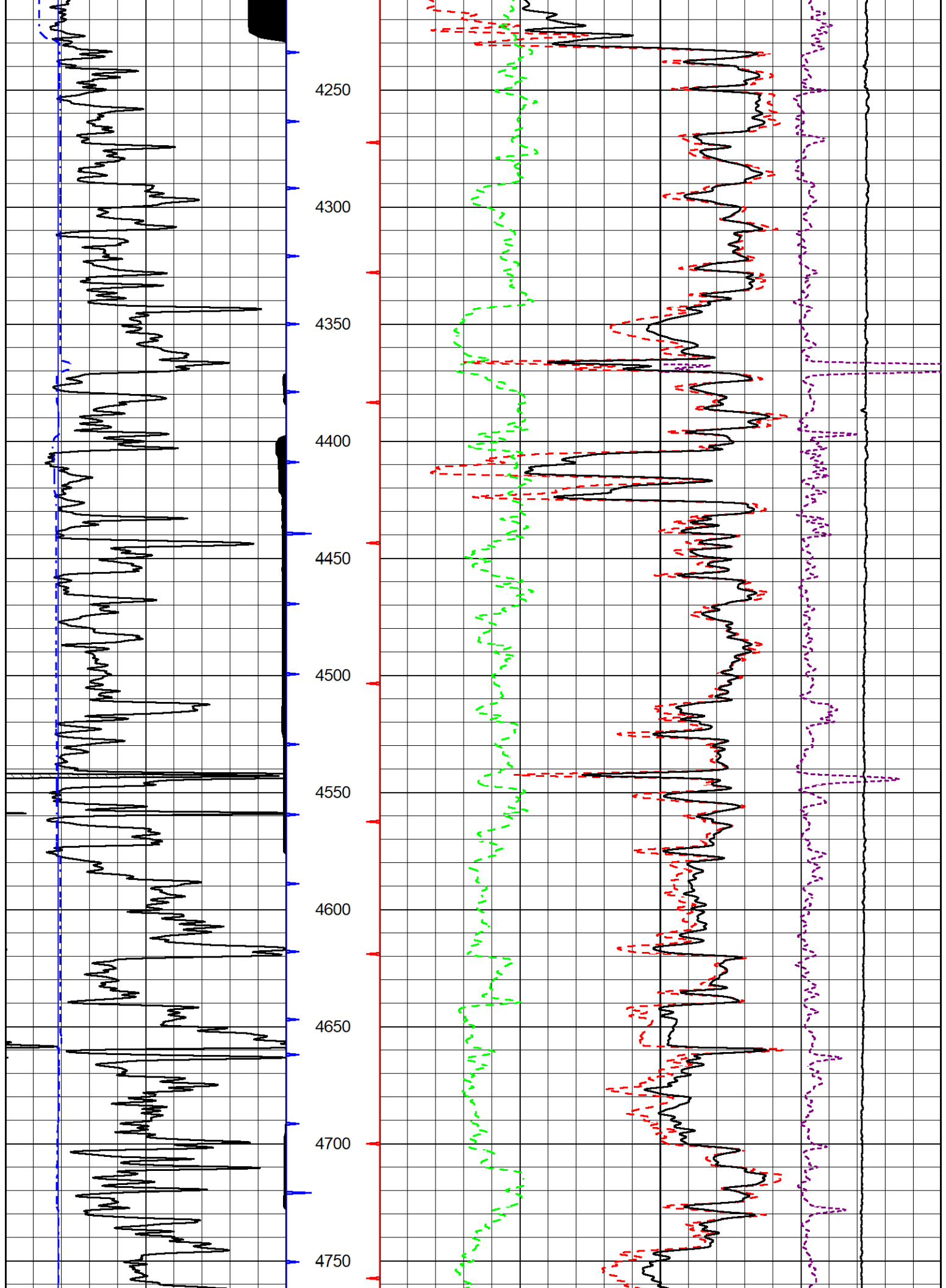
MAIN PASS

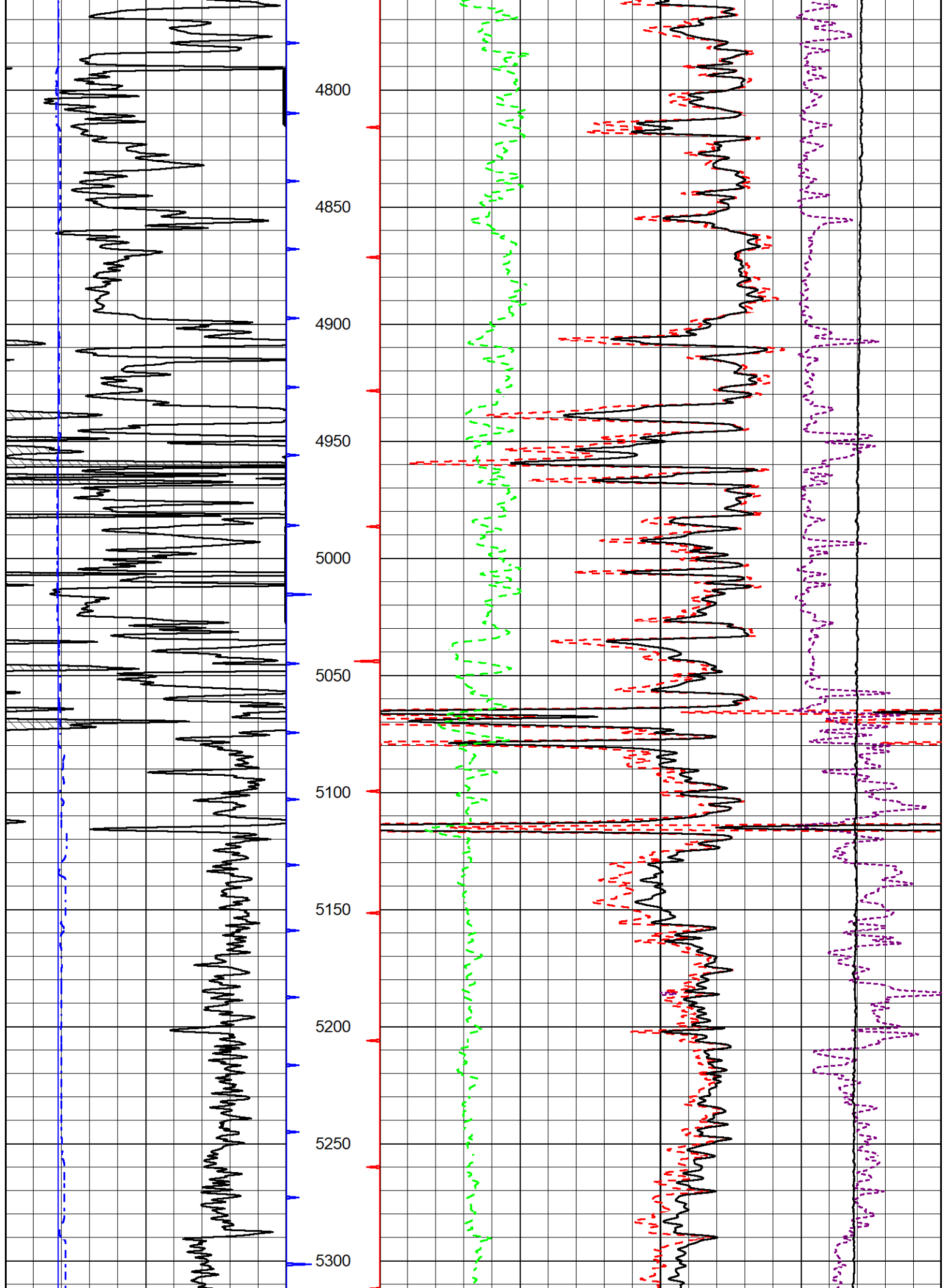
Database File berexco_arnold unit 16-1.db
Dataset Pathname stack/pass3.2
Presentation Format _cdlpe
Dataset Creation Wed Jul 08 01:57:48 2026
Charted by Depth in Feet scaled 1:600

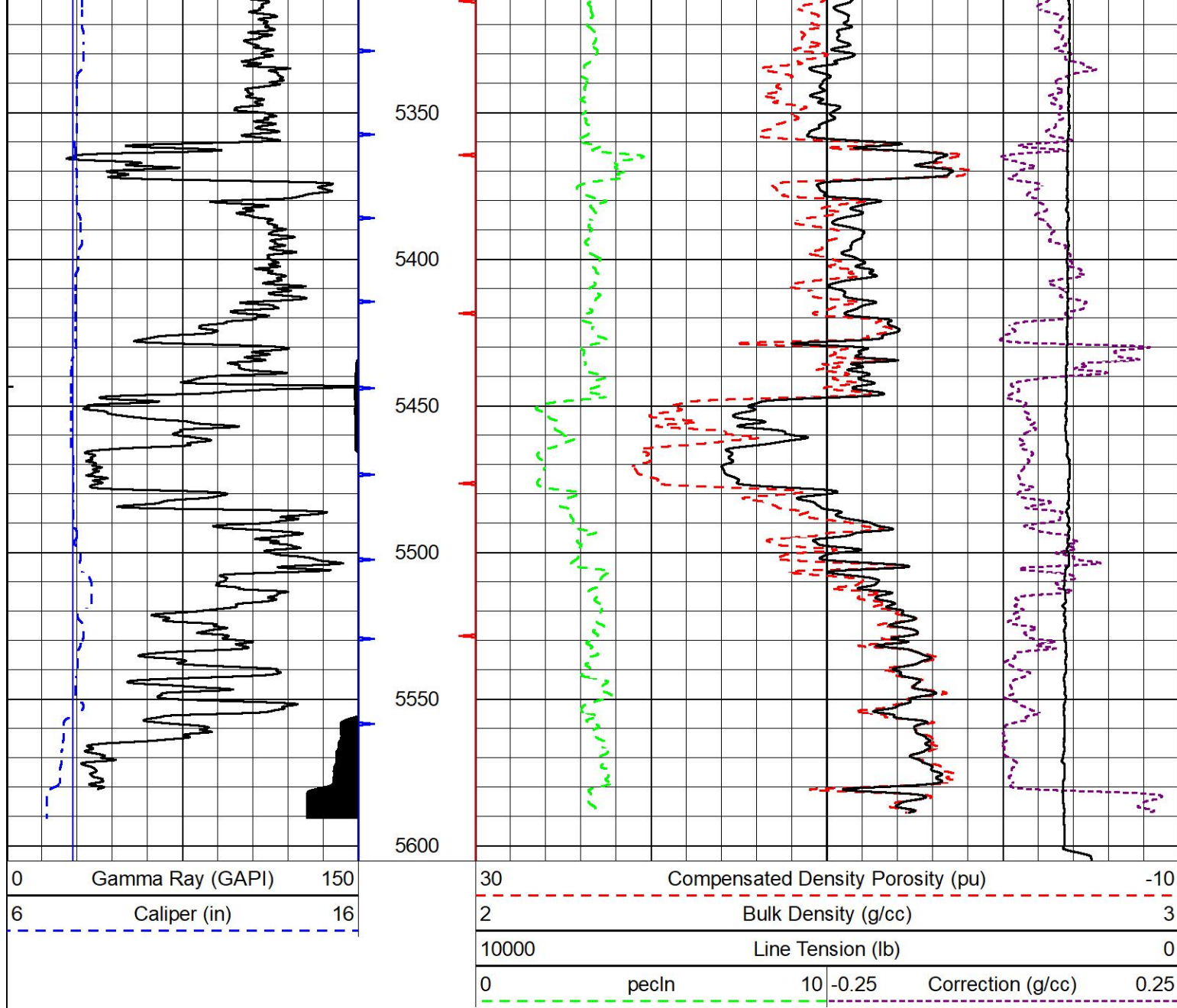
0	Gamma Ray (GAPI)	150	30	Compensated Density Porosity (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			10000	Line Tension (lb)	0
			0	pecln	10 -0.25 Correction (g/cc) 0.25











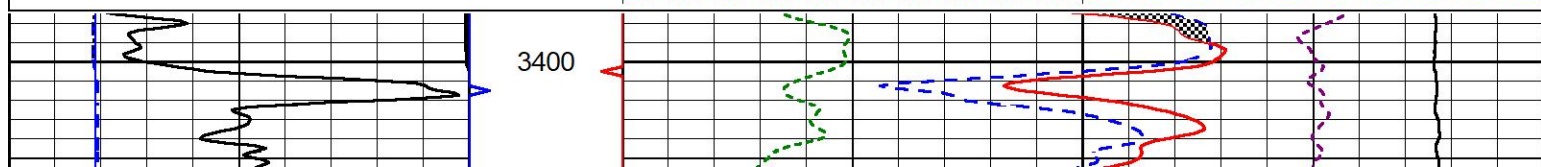
MIDWEST WIRELINE

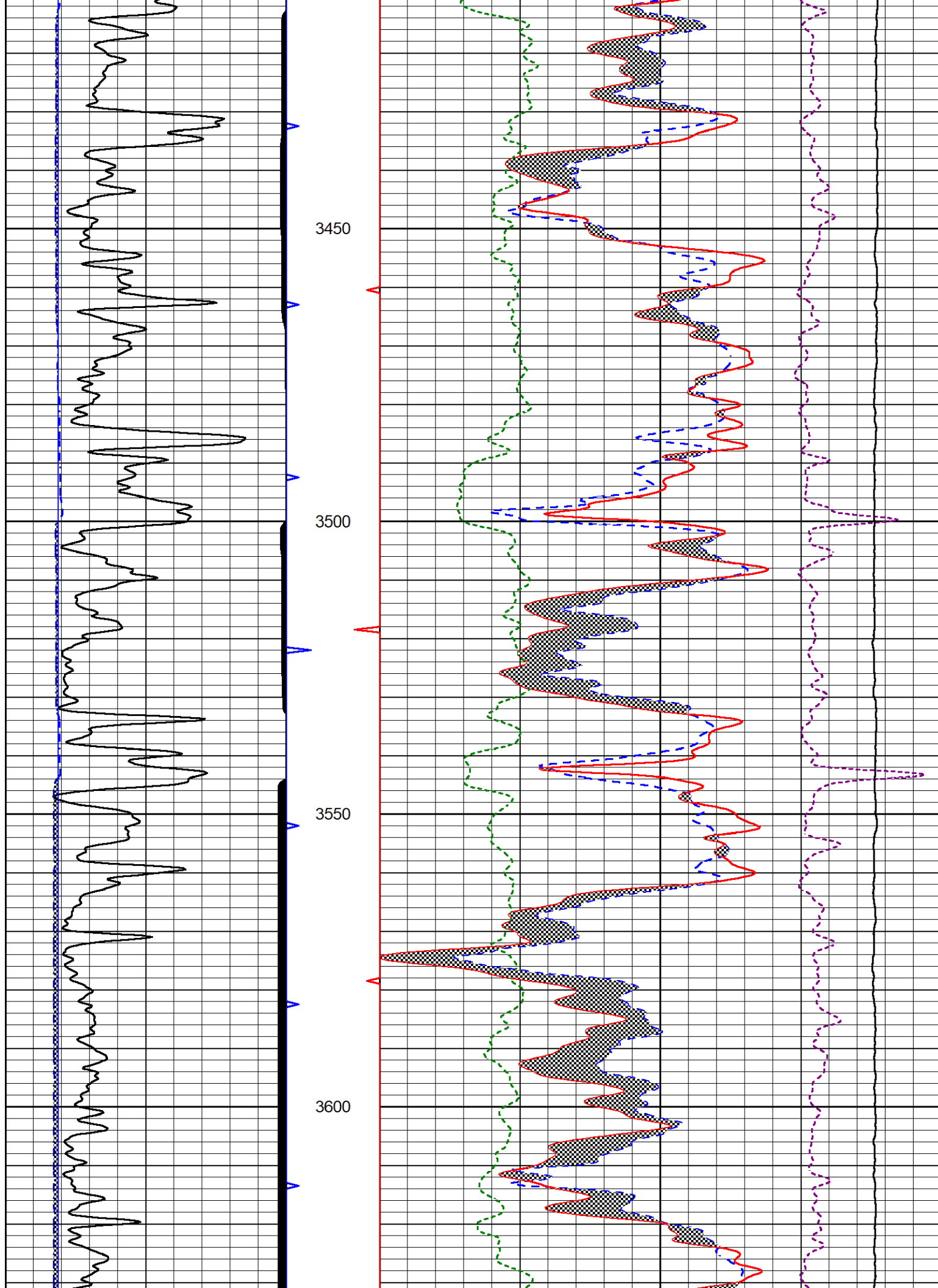
DETAIL SECTION

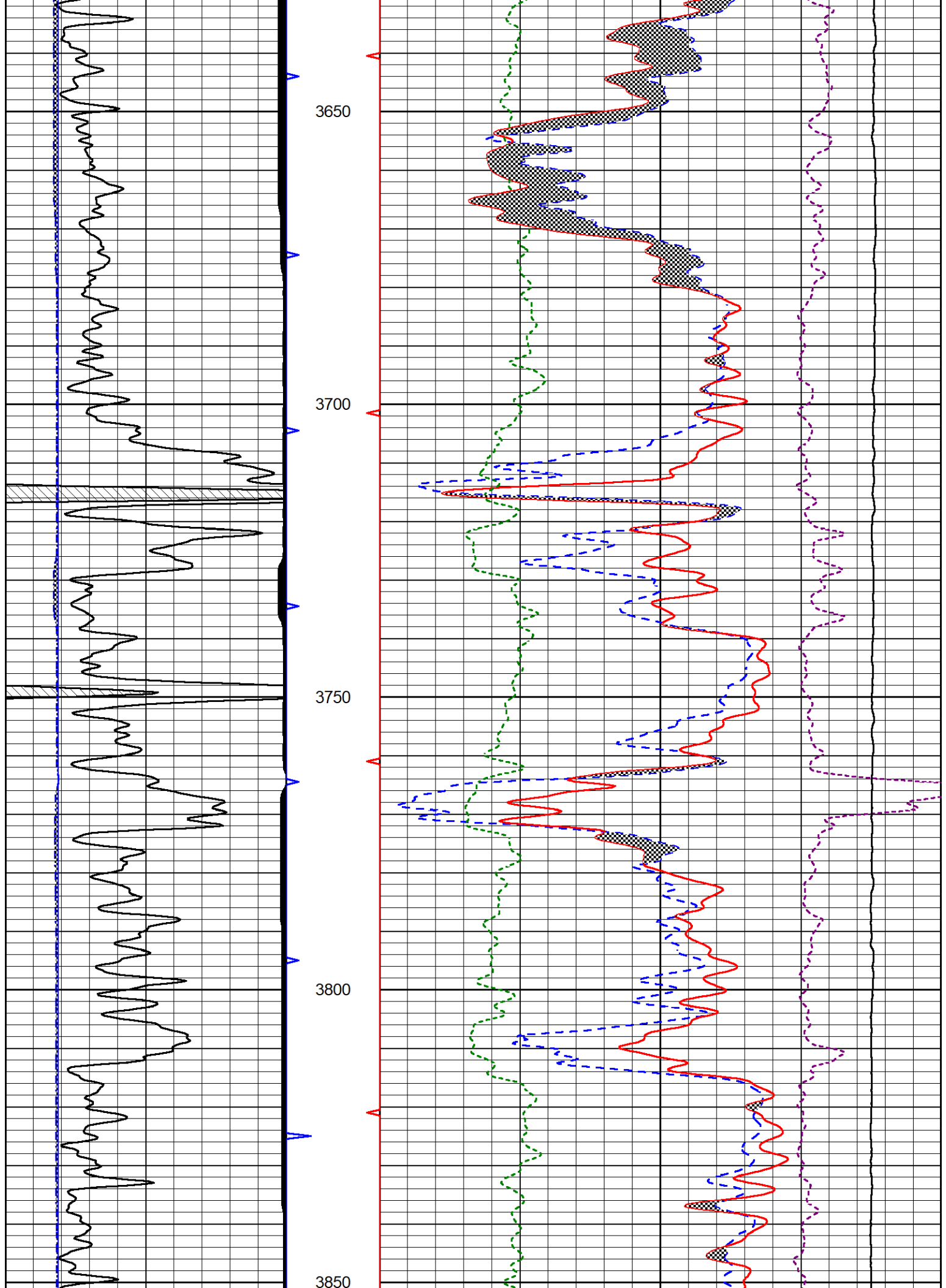
MAIN PASS

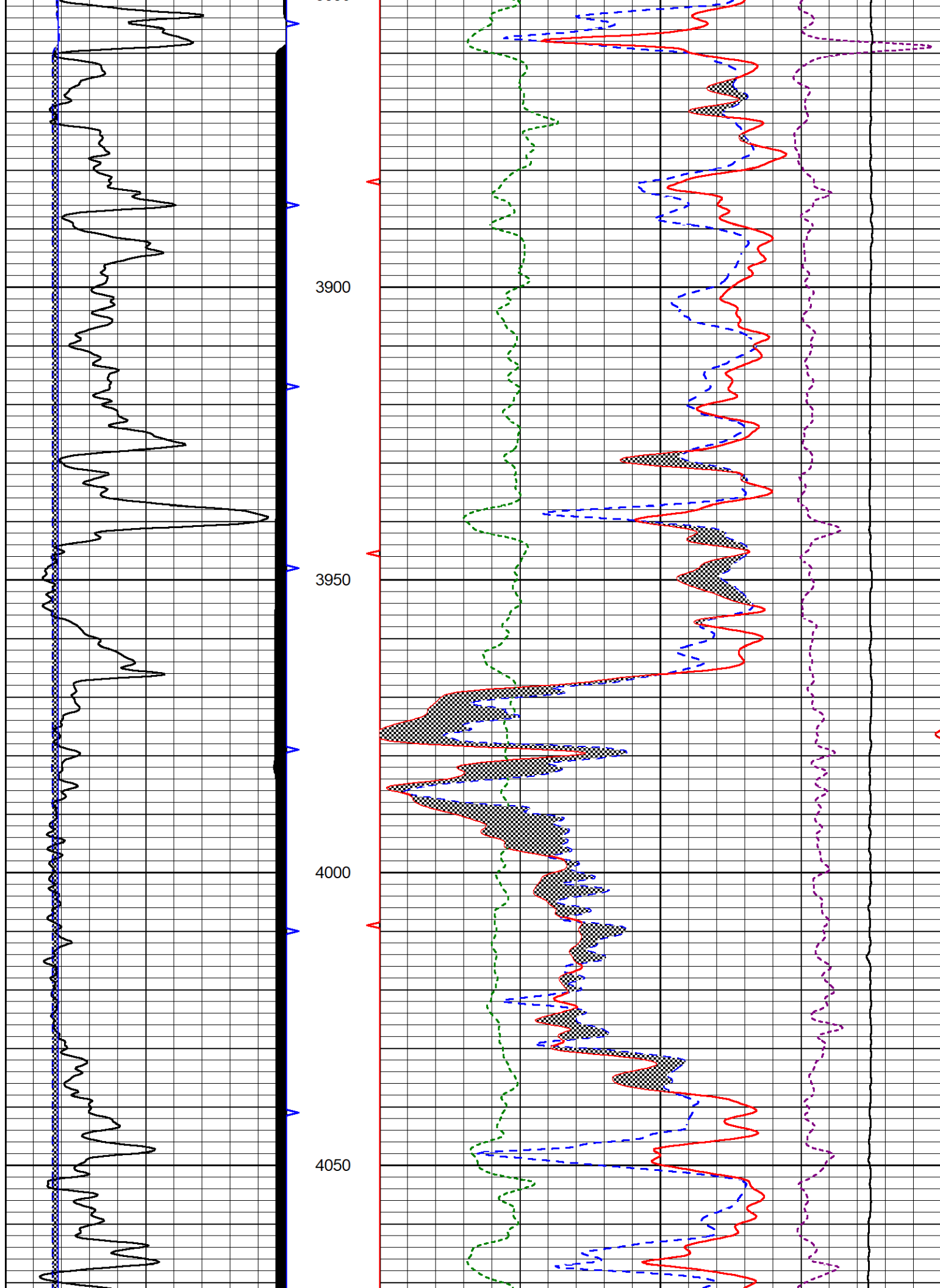
Database File berexco_arnold unit 16-1.db
 Dataset Pathname stack/pass3.1
 Presentation Format _CNDLS~2
 Dataset Creation Wed Jul 08 01:57:30 2026
 Charted by Depth in Feet scaled 1:240

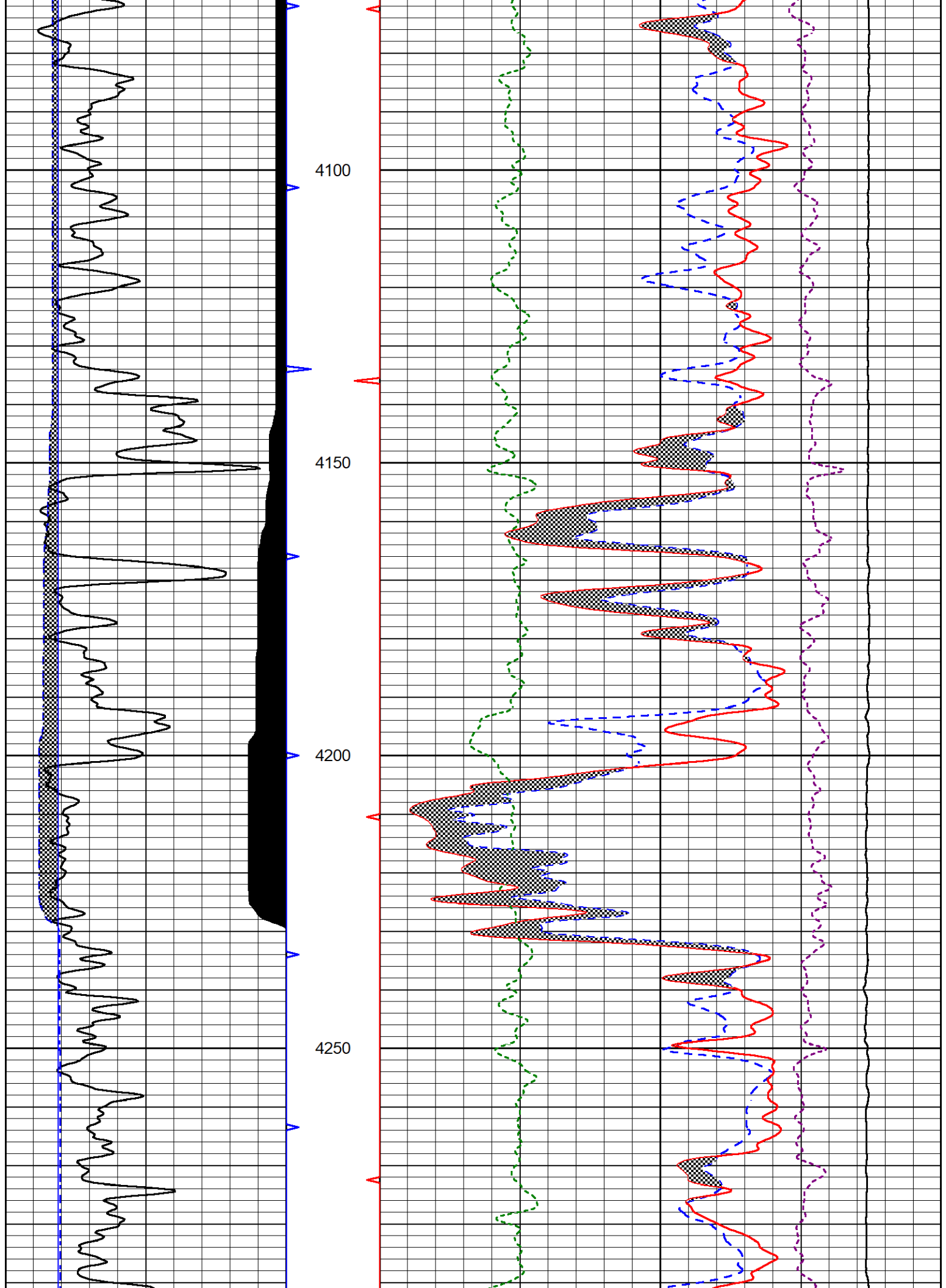
0	Gamma Ray (GAPI)	150	30	CNPOR (pu)	-10
6	Caliper (in)	16	30	Compensated Density Porosity (pu)	-10
			10000	Line Tension (lb)	0
			0	PE	10 -0.25
			Corection (g/cc) 0.25		

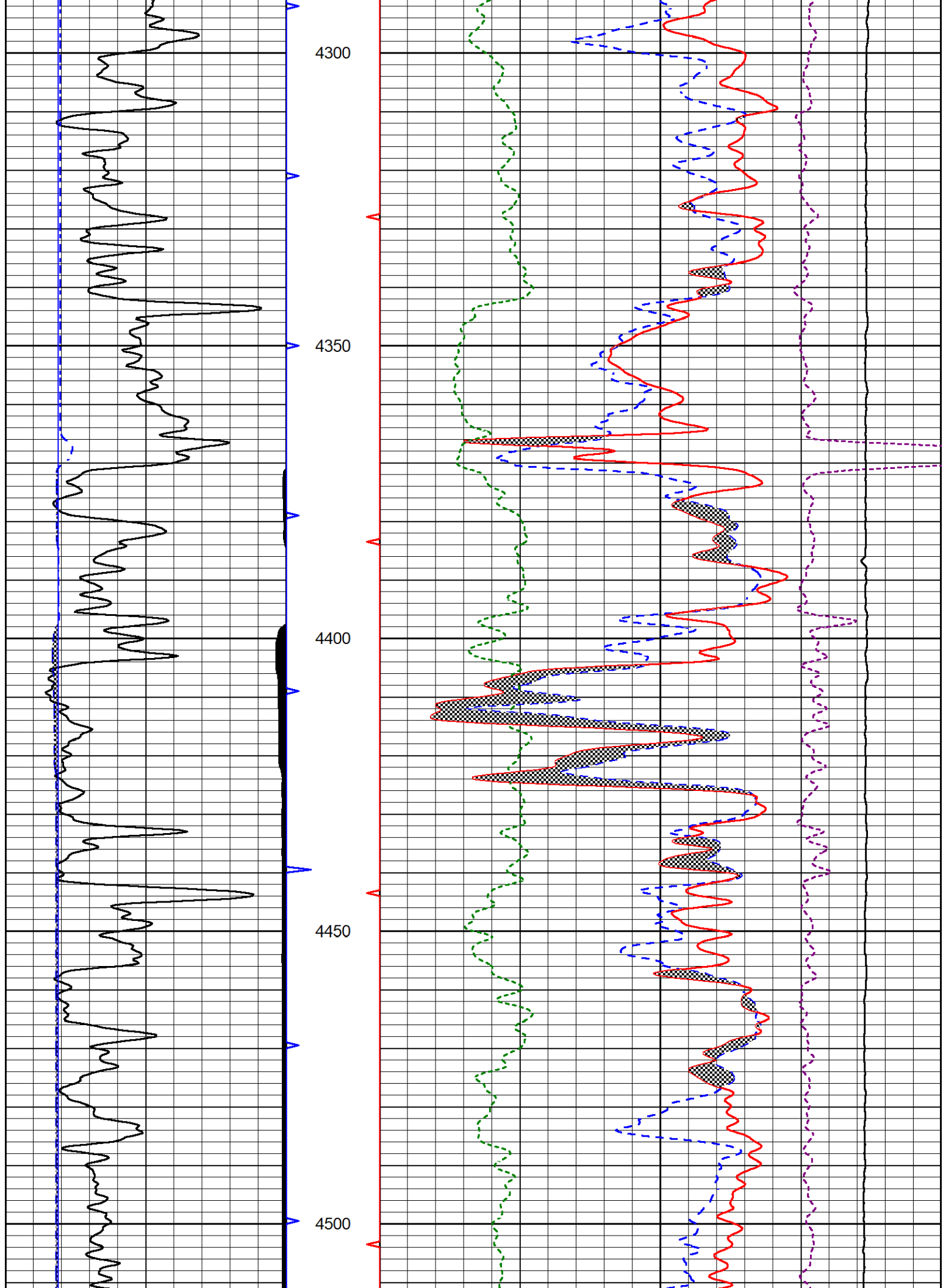


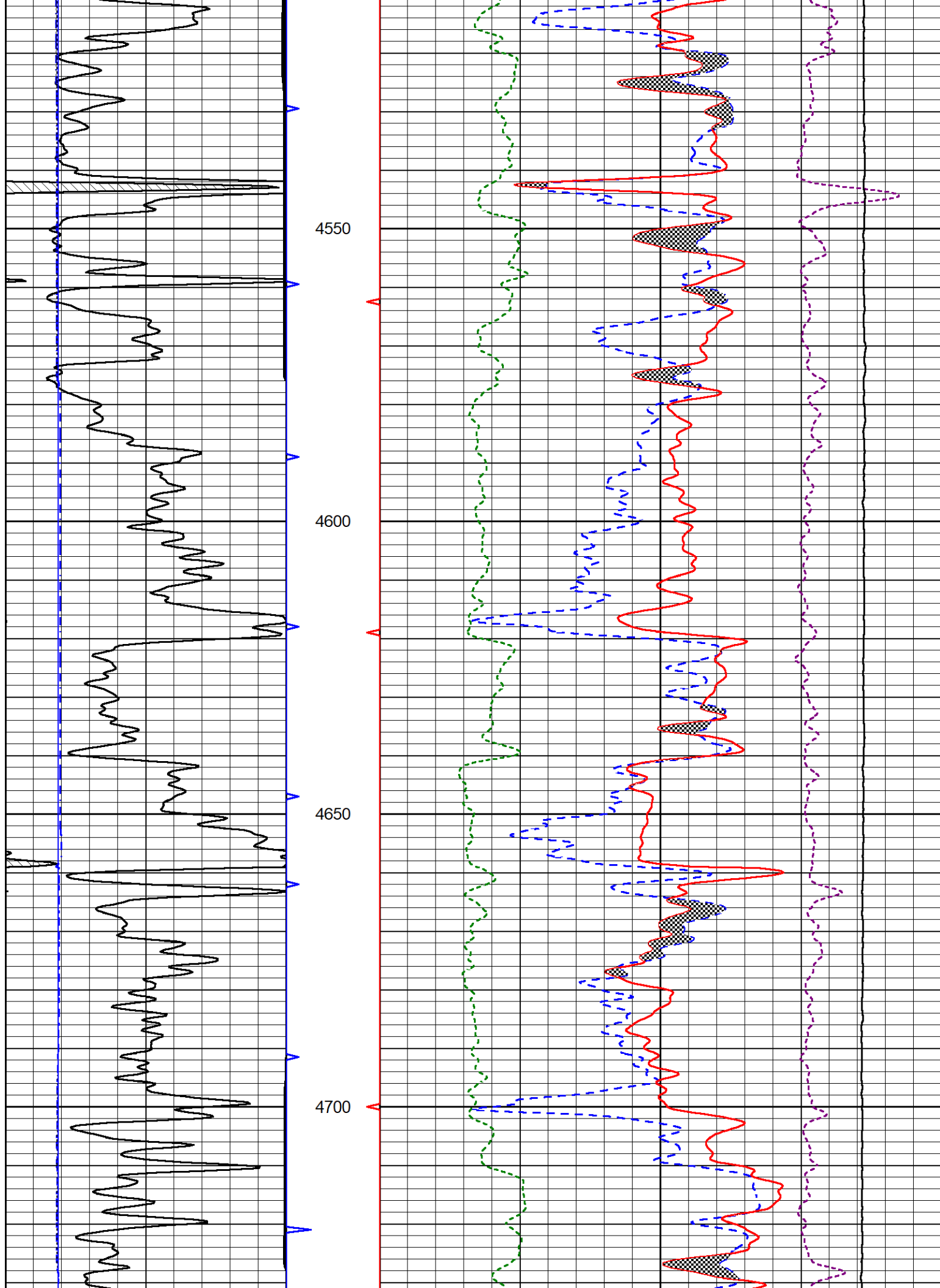


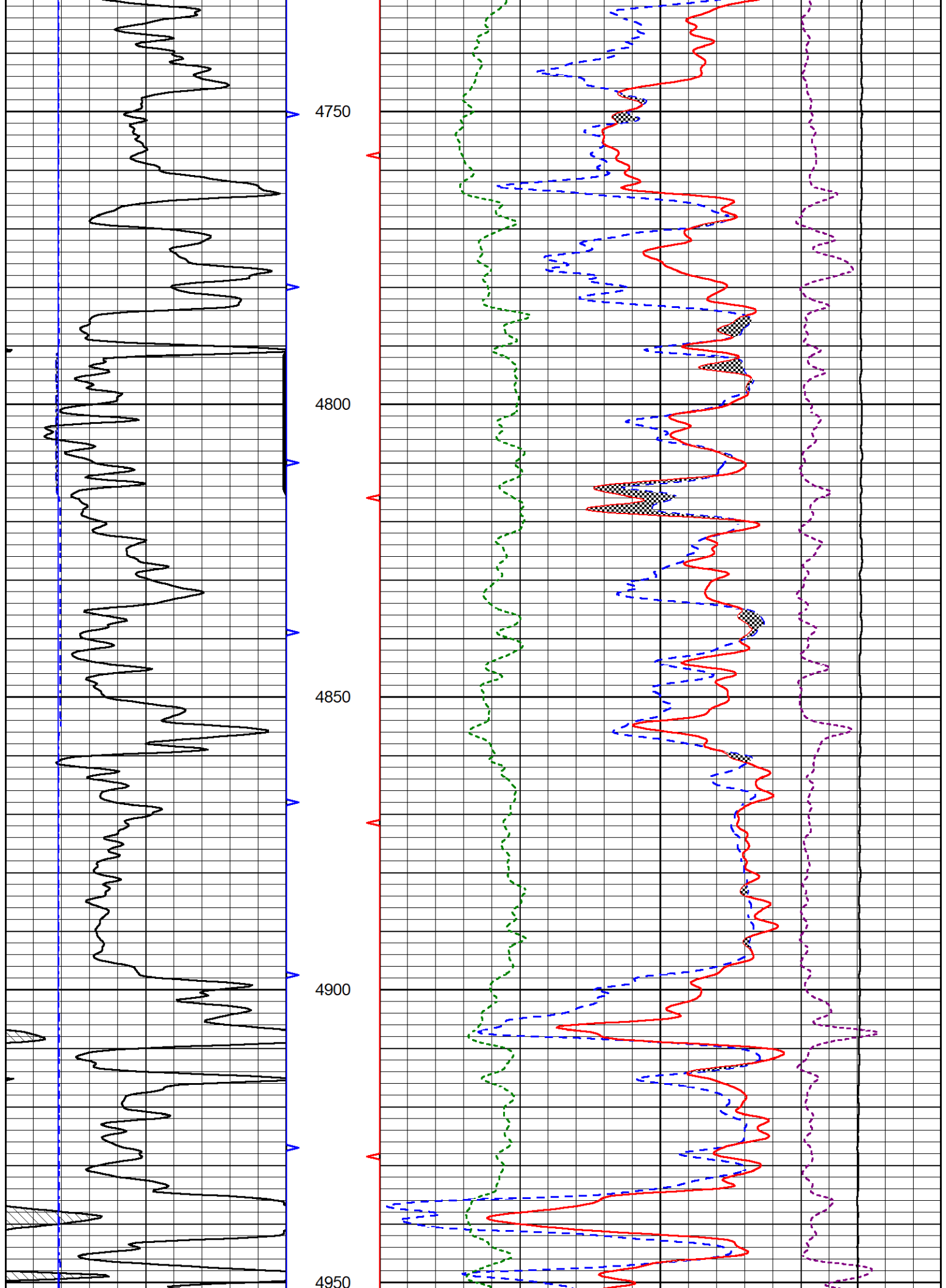


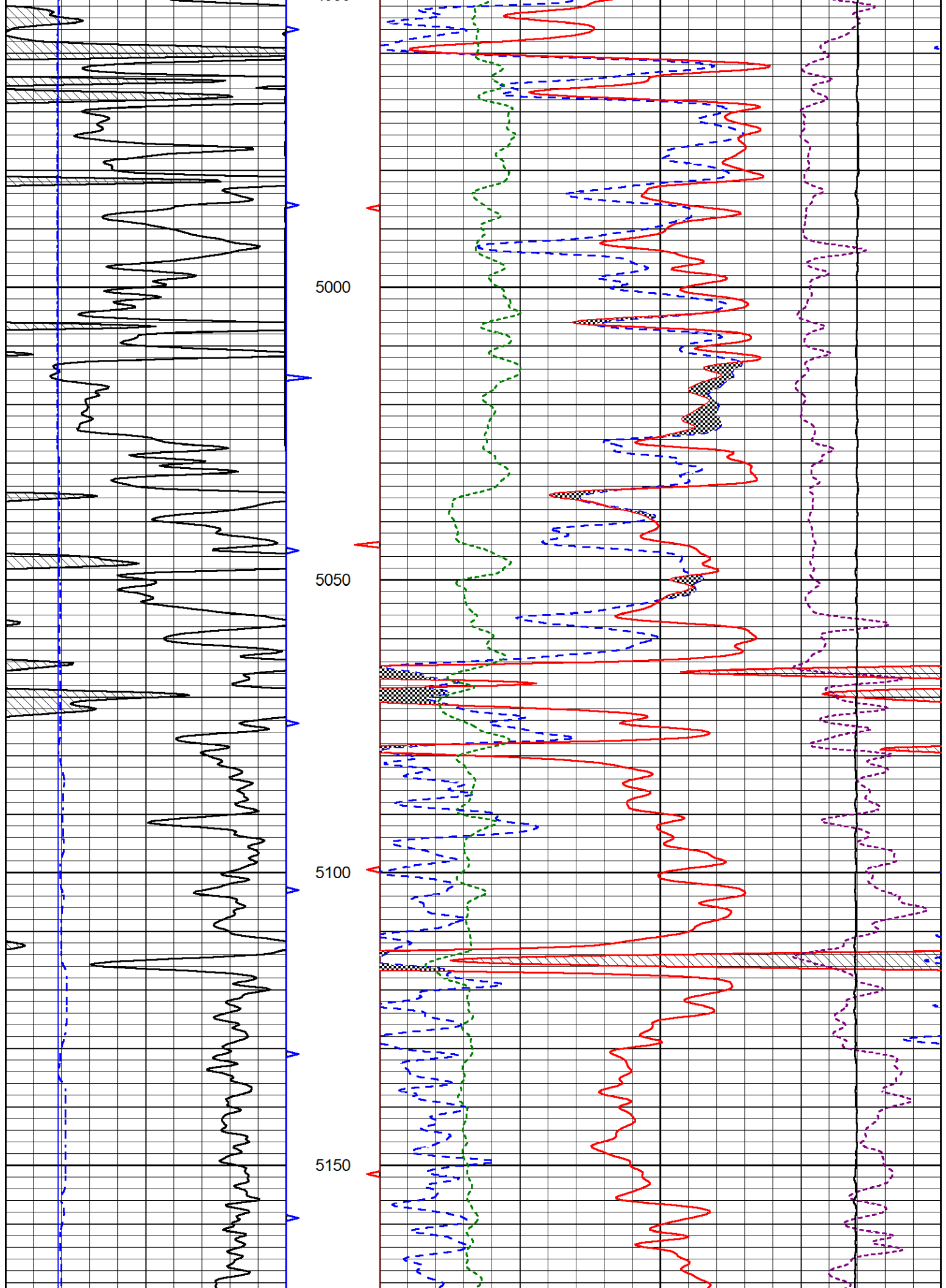


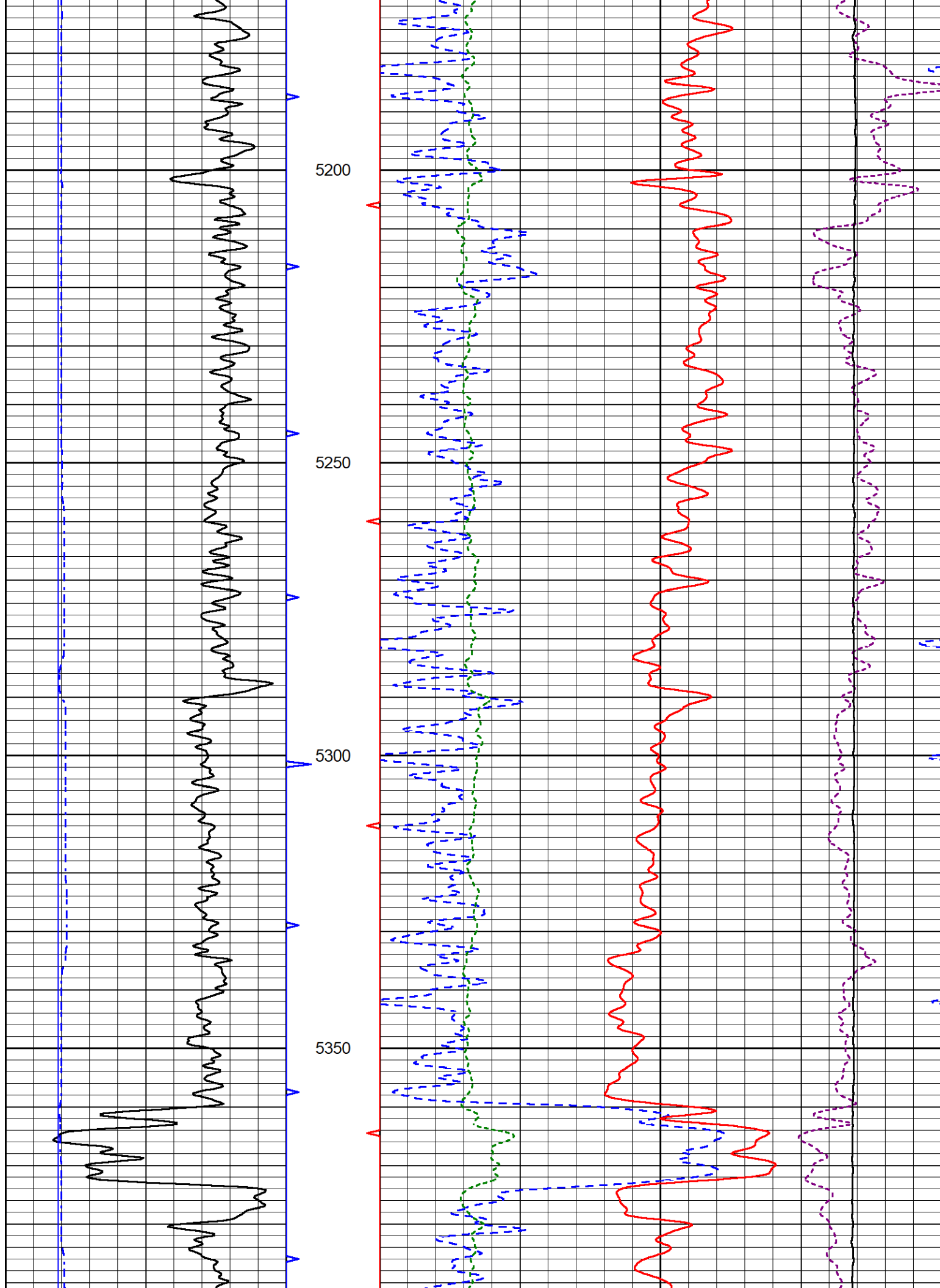


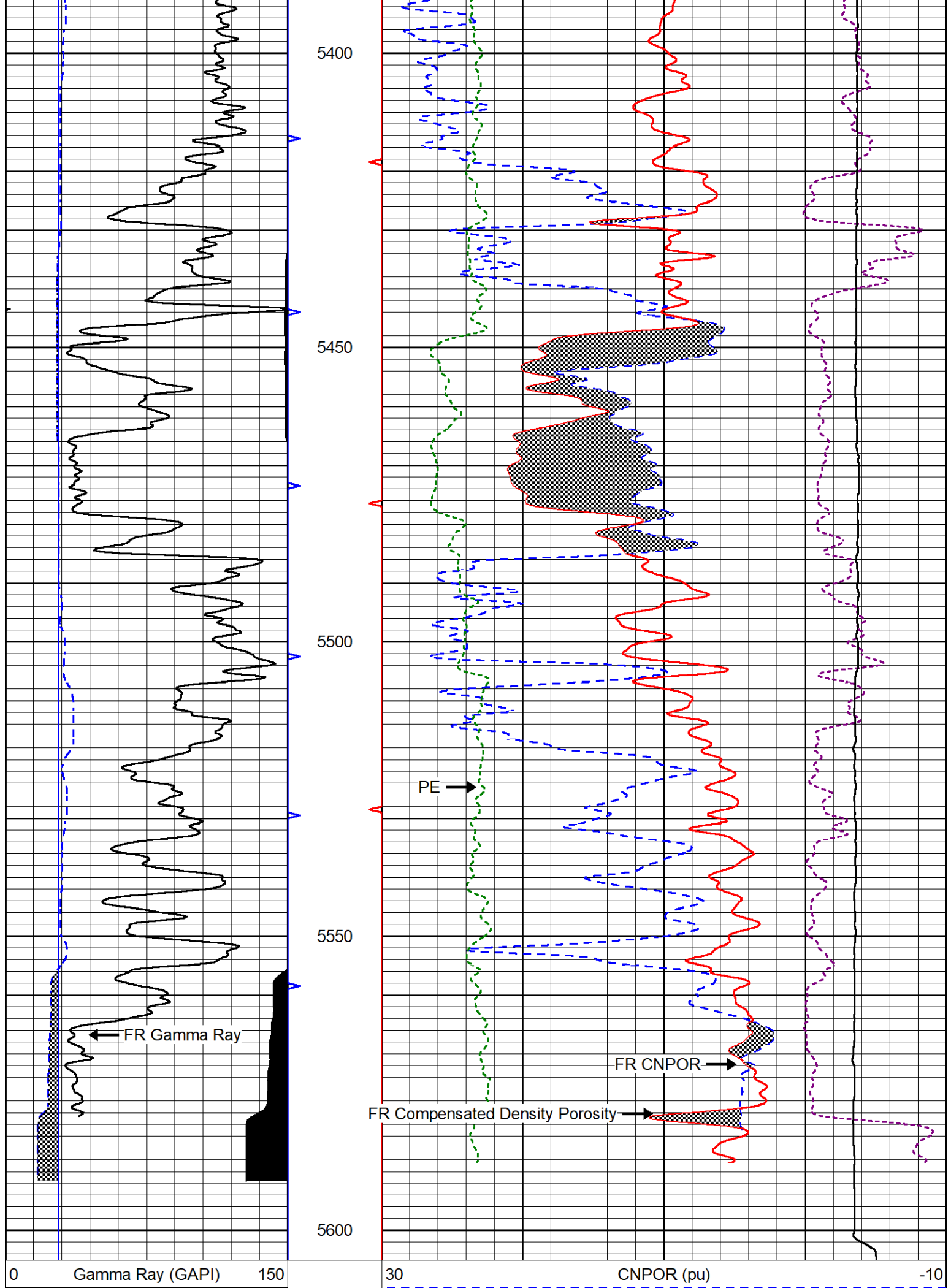












6	Caliper (in)	16	30	Compensated Density Porosity (pu)		-10
			10000	Line Tension (lb)		0
			0	PE	10	-0.25
				Corection (g/cc)		0.25



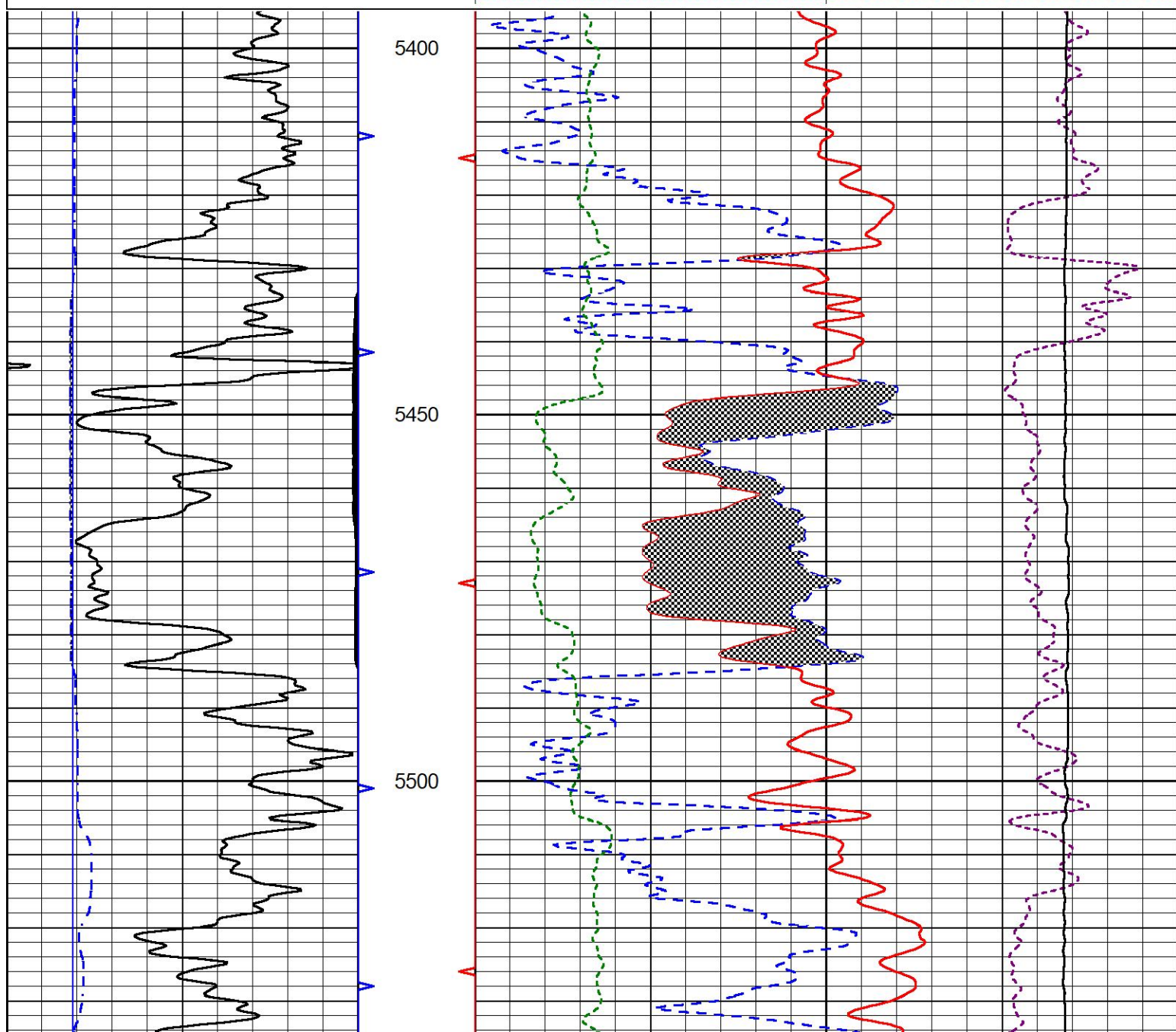
MIDWEST WIRELINE

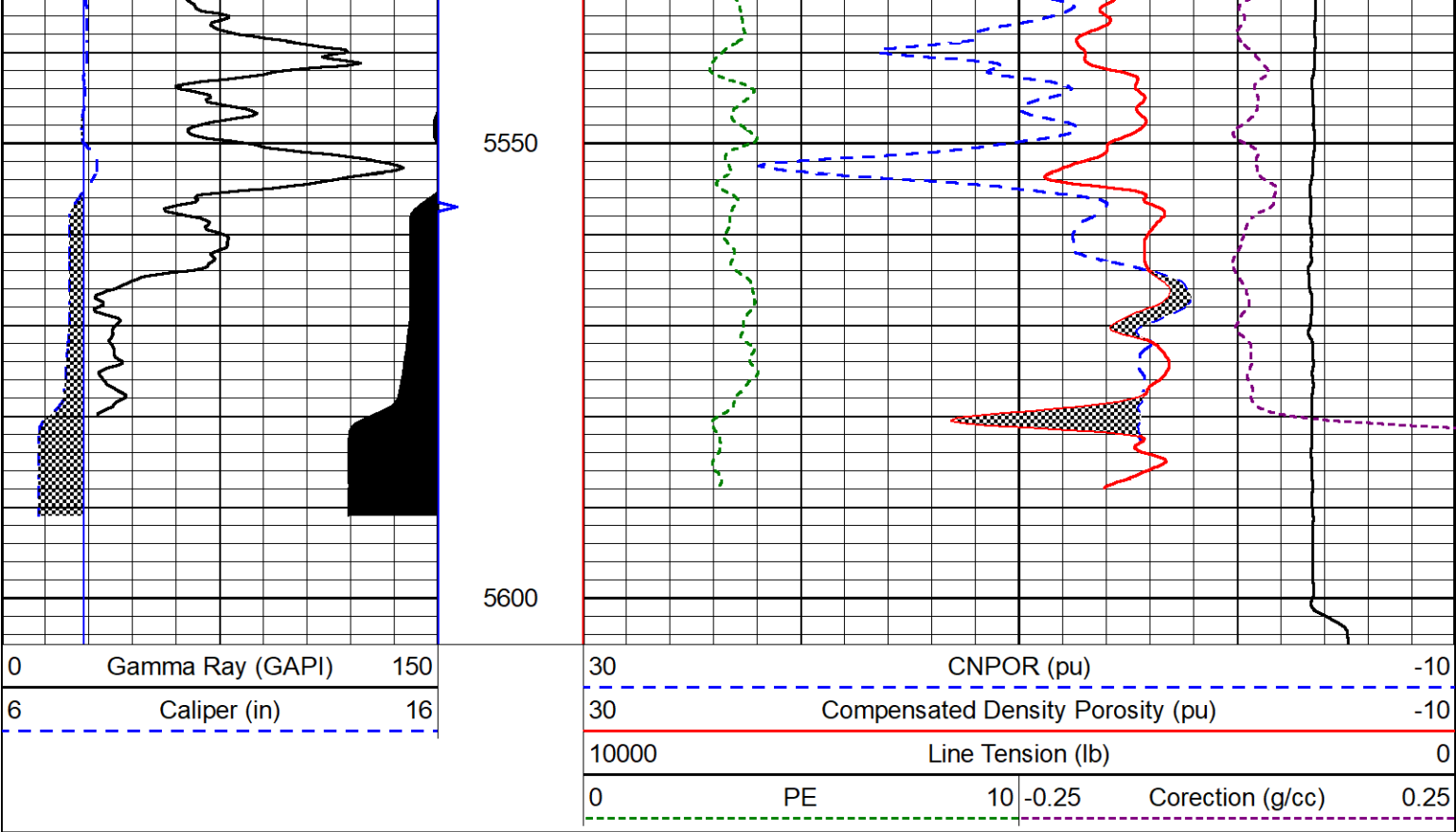
REPEAT SECTION

REPEAT PASS

Database File berexco_arnold unit 16-1.db
Dataset Pathname stack/pass2.1
Presentation Format _CNDLS~2
Dataset Creation Wed Jul 08 01:14:30 2026
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	30	CNPOR (pu)		-10
6	Caliper (in)	16	30	Compensated Density Porosity (pu)		-10
			10000	Line Tension (lb)		0
			0	PE	10	-0.25
				Corection (g/cc)		0.25





Database File		berexco_arnold unit 16-1.db		Calibration Report			
Dataset Pathname		stack/pass3.1					
Dataset Creation		Wed Jul 08 01:57:30 2026					
Dual Induction Calibration Report							
Serial-Model:				506-M&W			
Surface Cal Performed:				Wed Jun 24 17:13:14 2026			
Readings			References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	84.211	428.152	0.000	255.800	mmho/m	0.590	-39.000
Medium	141.000	670.654	0.000	255.800	mmho/m	0.490	-23.000

LITHODENSITY Calibration Report									
Serial Number:		701-03							
Tool Model:		STEP LITHO Short							
Performed:		Tue Sep 23 11:08:22 2025							
Source:									
	Win1	Win2	Win3	Win4	Win5	Win6	Win7	Win8	
Background:									
SS:	56	59	219	268	24	71	46	1	cps
LS:	78	88	333	431	50	131	87	4	cps
Aluminum:									
SS:	1019	1215	2861	2617	50	77	49	3	cps
LS:	1263	2145	3830	1712	72	136	59	4	cps
Magnesium:									
SS:	1699	1990	4685	3819	56	78	46	4	cps

LS:	4984	8437	15068	6103	123	112	86	24	cps
Aluminum+Iron:									
SS:	655	863	2400	2274	45	78	49	3	cps
LS:	711	1512	3267	1588	59	132	86	6	cps
		Density			PE				
		Actual	Calibrated		Actual	Calibrated	Quality		
Background:									
SS:							0.213		
LS:							0.202		
Aluminum:									
SS:		2.6000	2.6000	g/cc			0.219		
LS:		2.6000	2.6000	g/cc			0.395		
Magnesium:									
SS:		1.6800	1.6800	g/cc	2.5700	2.5700	0.255		
LS:		1.6800	1.6800	g/cc	2.5700	2.5700	0.131		
Aluminum+Iron:									
SS:						6.1800	0.229		
LS:						6.1800	0.212		

Caliper:		Reference:	Reading:
Small Ring:		6.0 in	0.2
Large Ring:		17.5 in	0.8
Gain:		18.284	
Offset:		0.150	

Compensated Neutron Calibration Report

Serial Number:	210
Tool Model:	M&W

CALIBRATION					
Detector	Readings		Target		Normalization
Short Space	6240.00	cps	1000.00	cps	1.6025
Long Space	460.00	cps	1000.00	cps	1.9500

Gamma Ray Calibration Report

Serial Number:	105	
Tool Model:	M&W	
Performed:	Tue Aug 26 12:59:12 2025	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.6000	GAPI/cps

 MIDWEST WIRELINE	Company	Berexco LLC
	Well	Arnold Unit #16-1
	Field	Arroyo Northeast
	County	Stanton
	State	Kansas