



DUAL COMP POROSITY LOG

MIDWEST WIRELINE

CompanyAnchor Bay Petroleum LLC		Company Anchor Bay Petroleum LLC					
Well	S&T #1	Well	S&T #1				
Field		Field					
County	Rooks	County	Rooks				
State	Kansas	State	Kansas				
Location: API #: 15-163-24465-00-00		Other Services					
NE NW SW SW 1108 FSL & 4905 FEL		DIL/MEL					
Permanent Datum	Ground Level	Elevation	1967				
Log Measured From	Kelly Bushing	K.B.	1975				
Drilling Measured From	Kelly Bushing	D.F.	1967				
SEC 27 TWP 8S RGE 18W							
Date	10/29/2022						
Run Number	One						
Type Log	CNL/CDL						
Depth Driller	3610						
Depth Logger	3611						
Bottom Logged Interval	3583						
Top Logged Interval	2700						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	5600						
Density	9.2						
Level	Full						
Max. Rec. Temp. F	112						
Operating Rig Time	2 Hours						
Equipment -- Location	P-24 Hays						
Recorded By	T. Martin						
Witnessed By	Ed Glassman						
Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	210	8.625	23	00	210
Two	7.875	210	TD				

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Plainville, KS, N to Rd R,
1.25 W, N into

Log Measured From: Kelly Bushing

Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Ed Glassman
Secondary Witness:
Secondary Witness:
Secondary Witness:

Sensor	Offset (ft)	Schematic		Description	Length (ft)	O.D. (in)	Weight (lb)				
GR	40.33			GR-M&W (106)	3.00	3.50	50.00				
CNLSC CNSSC	37.23 36.48			CNT-M&W (207-MW)	5.00	3.50	100.00				
LSD DCAL SSD	28.18			CDL-M&W (307-11)	8.50	4.00	250.00				
	28.17			ML-PSIML (401)	7.58	4.00	65.00				
	27.68										
MCAL MI MN	19.58										
	19.58										
	19.58										
RLL3F RLL3	15.50 15.50			DIL-M&W (501 HT)	18.25	3.50	220.00				
CILD	8.33										
	8.33										
CILM	4.50										
SP	0.20										
	0.20										
Dataset: anchorbay_s&t #1.db: field/well/StkMI/pass3.1 Total length: 42.33 ft Total weight: 685.00 lb O.D.: 4.00 in											

Log Variables

DatabaseC:\ProgramData\Warrior\Data\anchorbay_s&t #1.db
Dataset field/well/StkMI/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	112	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	155	60	Off	3611

Variable Description

A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth



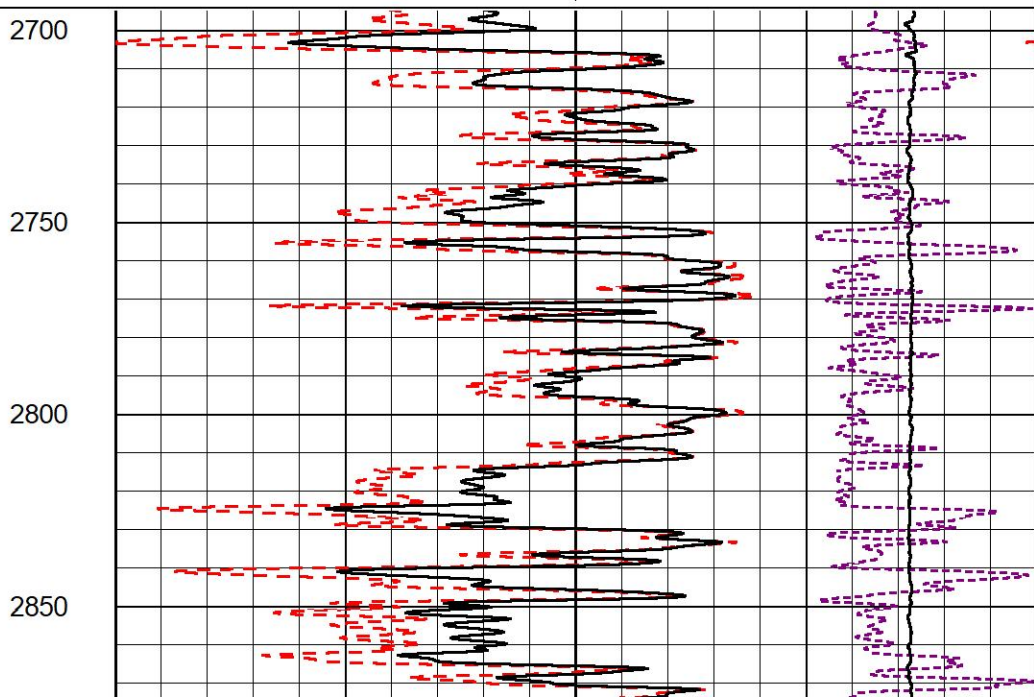
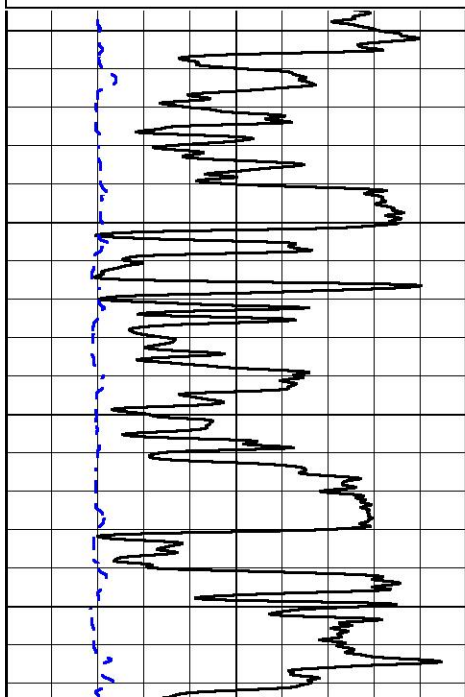
2" SCALE BULK DENSITY

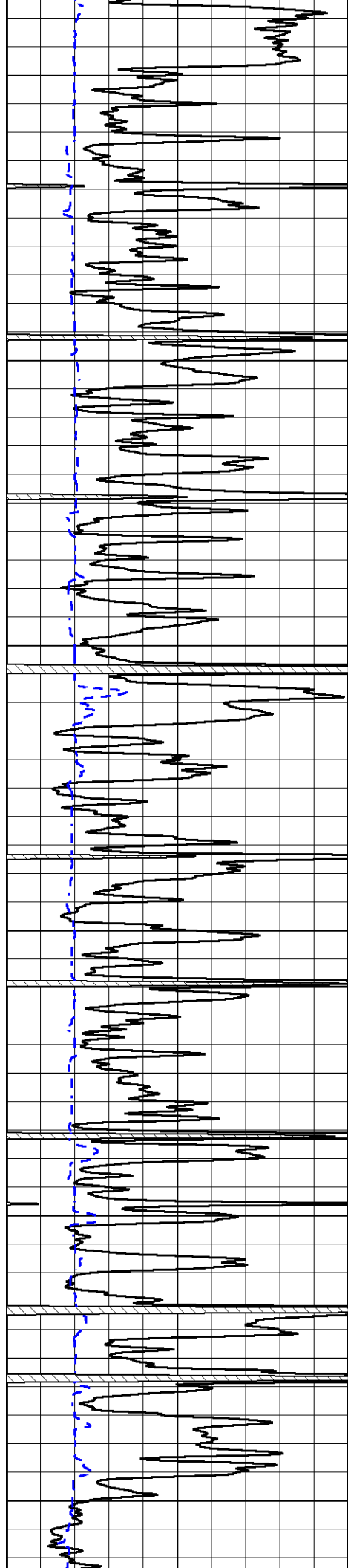
MAIN PASS

Database File anchorbay_s&t #1.db
Dataset Pathname StkMI/pass3.3
Presentation Format _cdl
Dataset Creation Sat Oct 29 19:31:33 2022
Charted by Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
10000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25





2900

2950

3000

3050

3100

3150

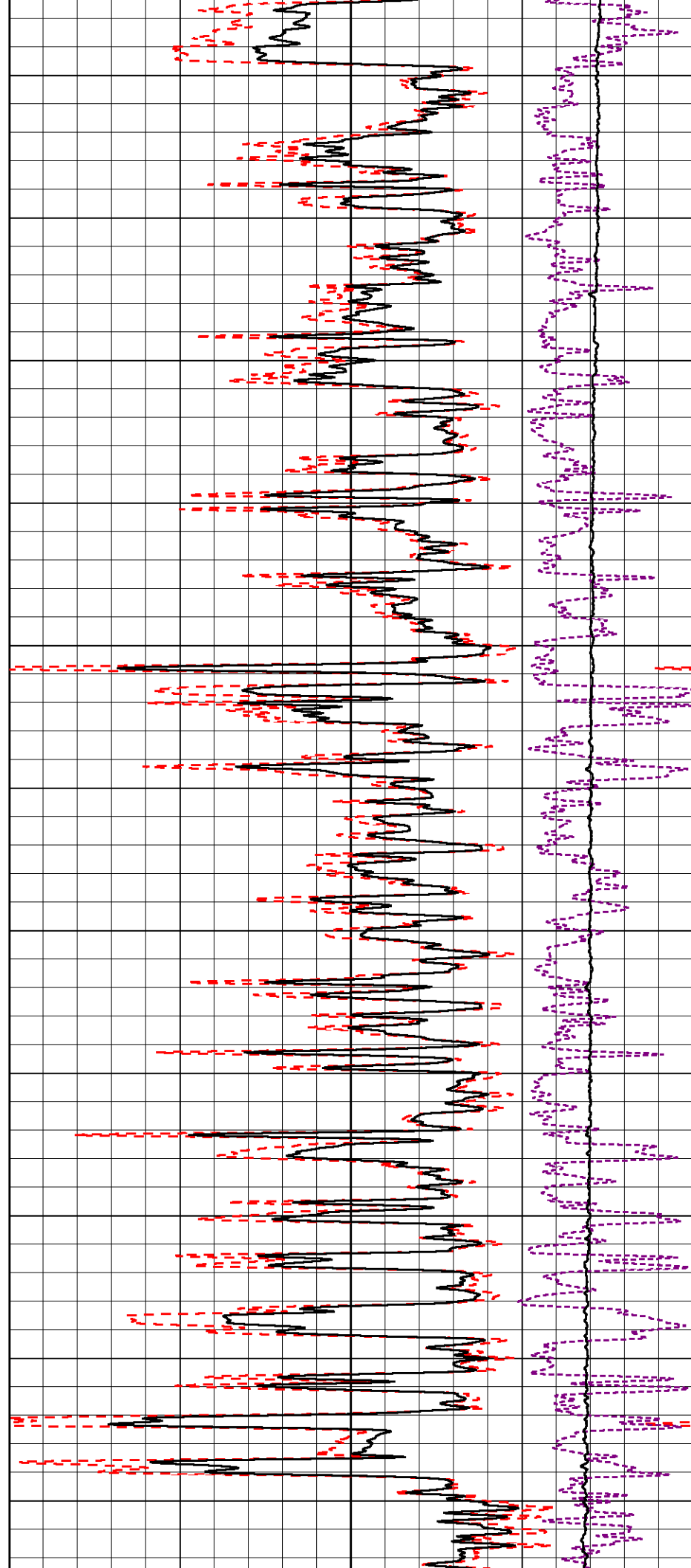
3200

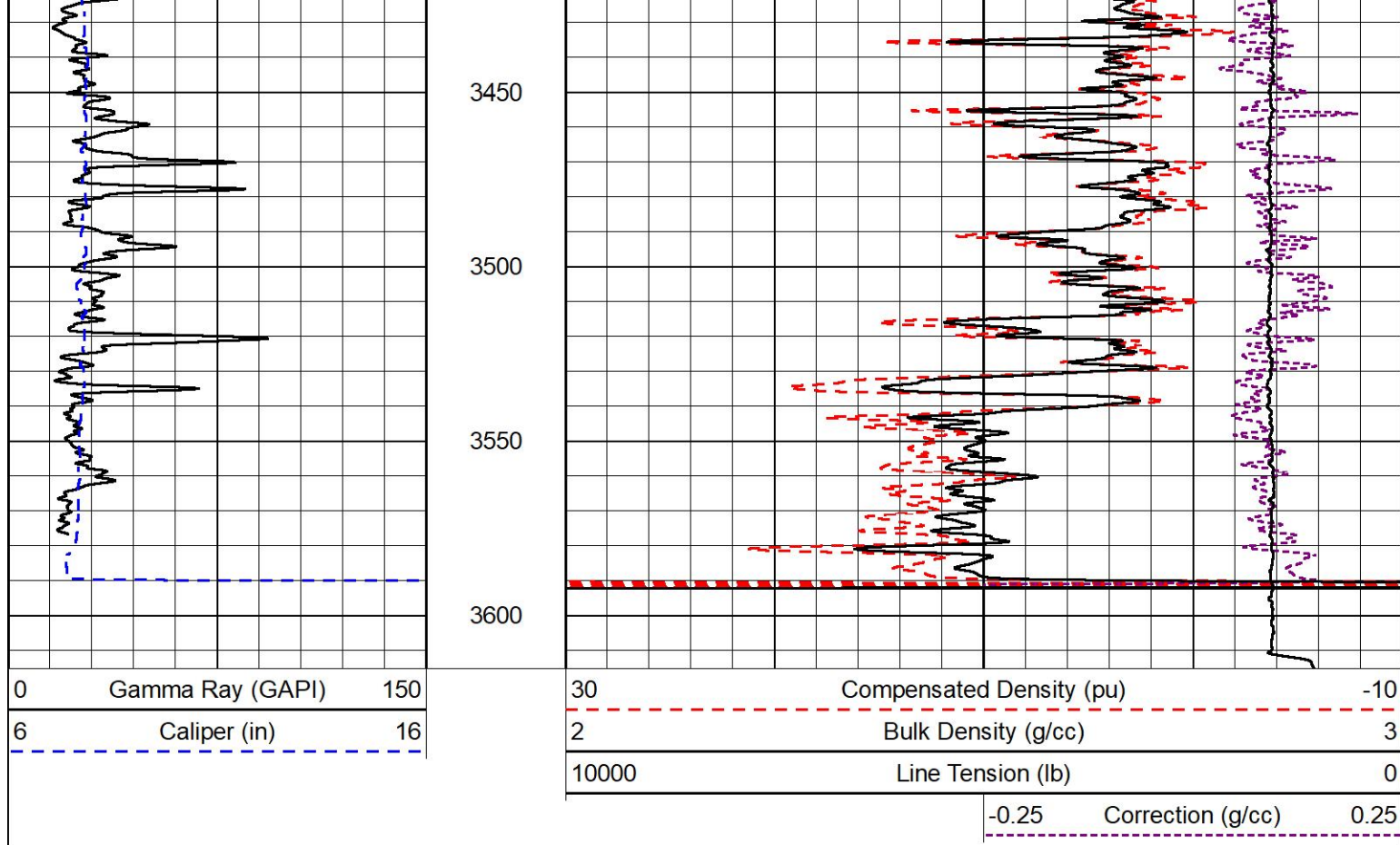
3250

3300

3350

3400

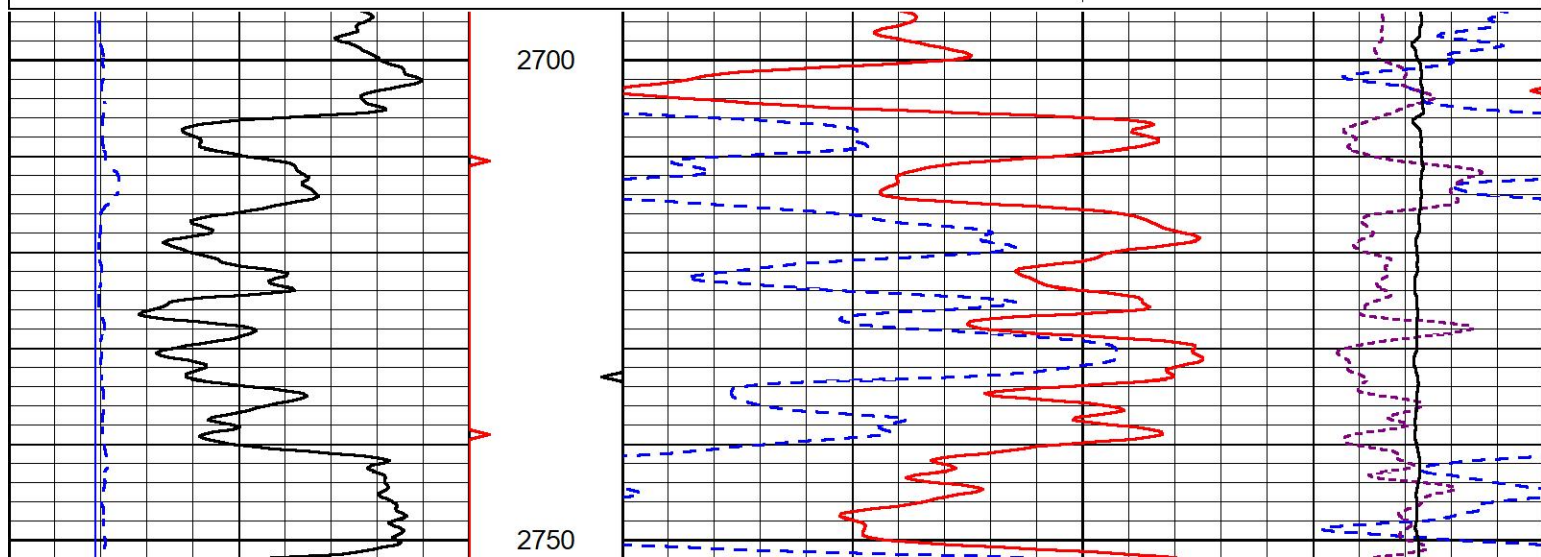
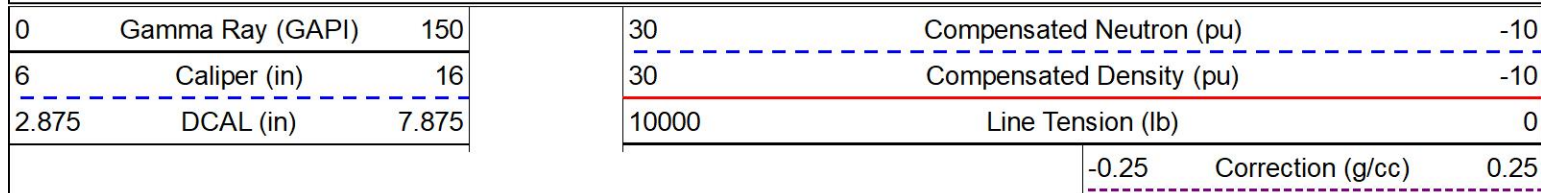


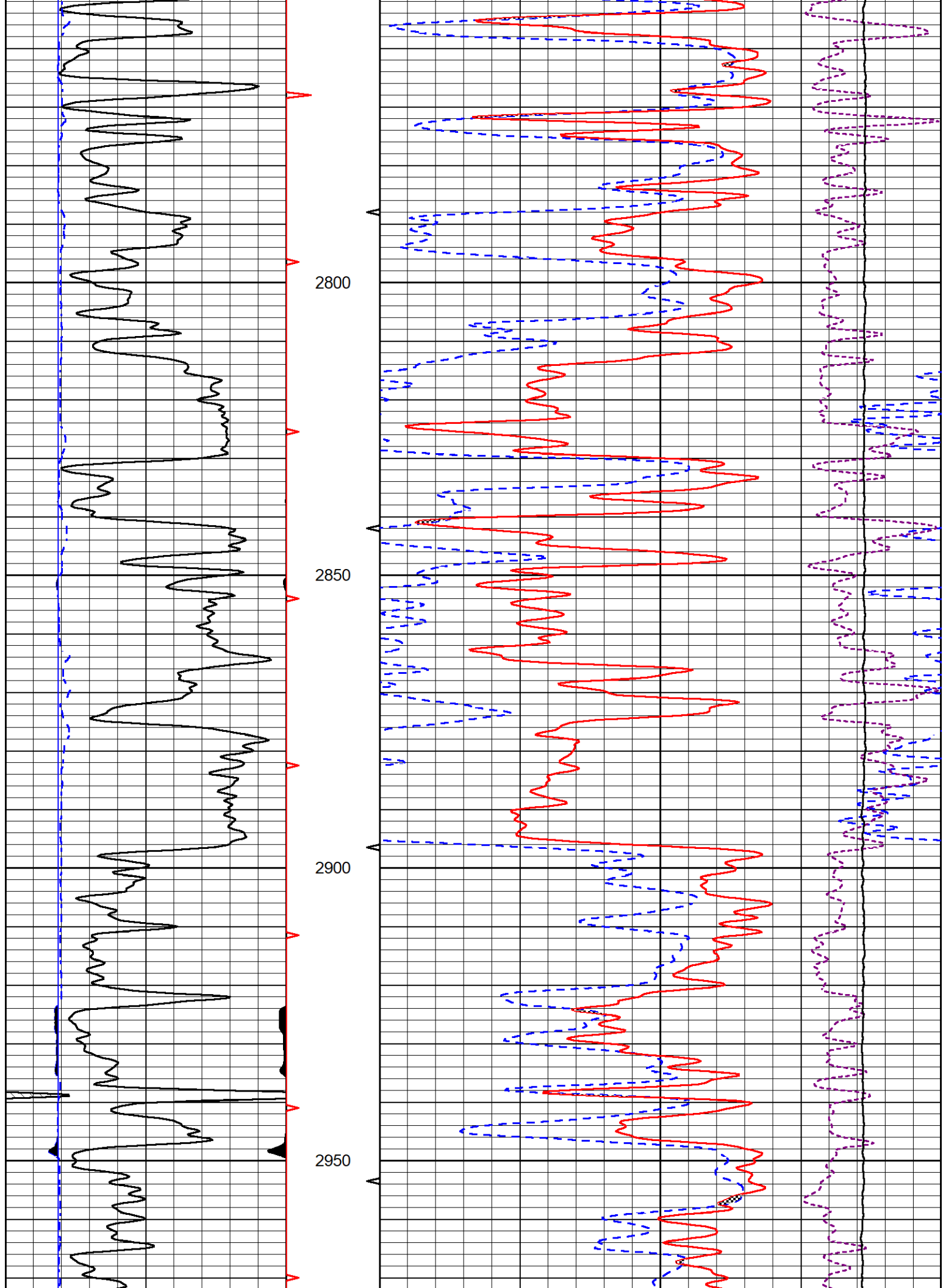


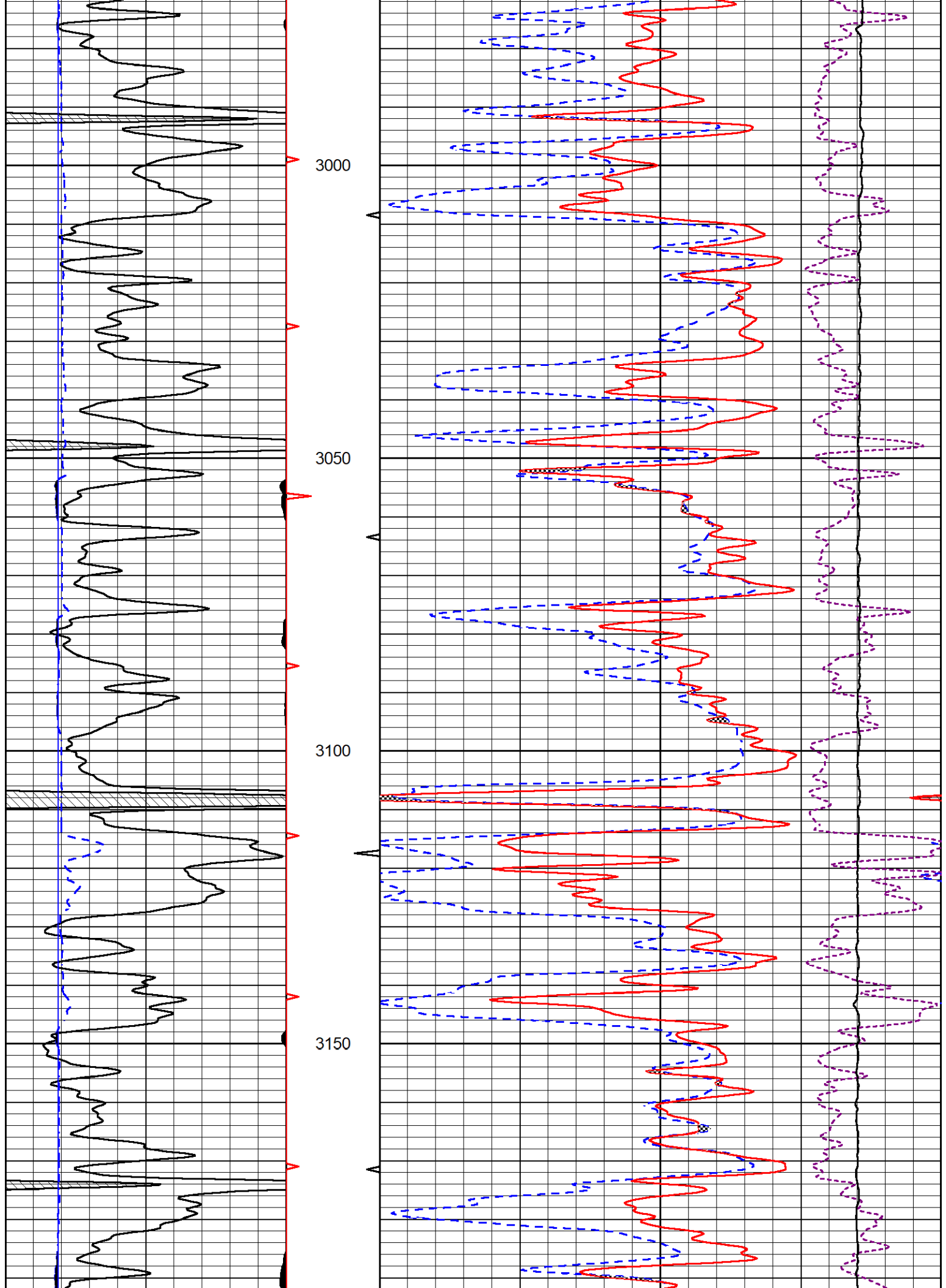
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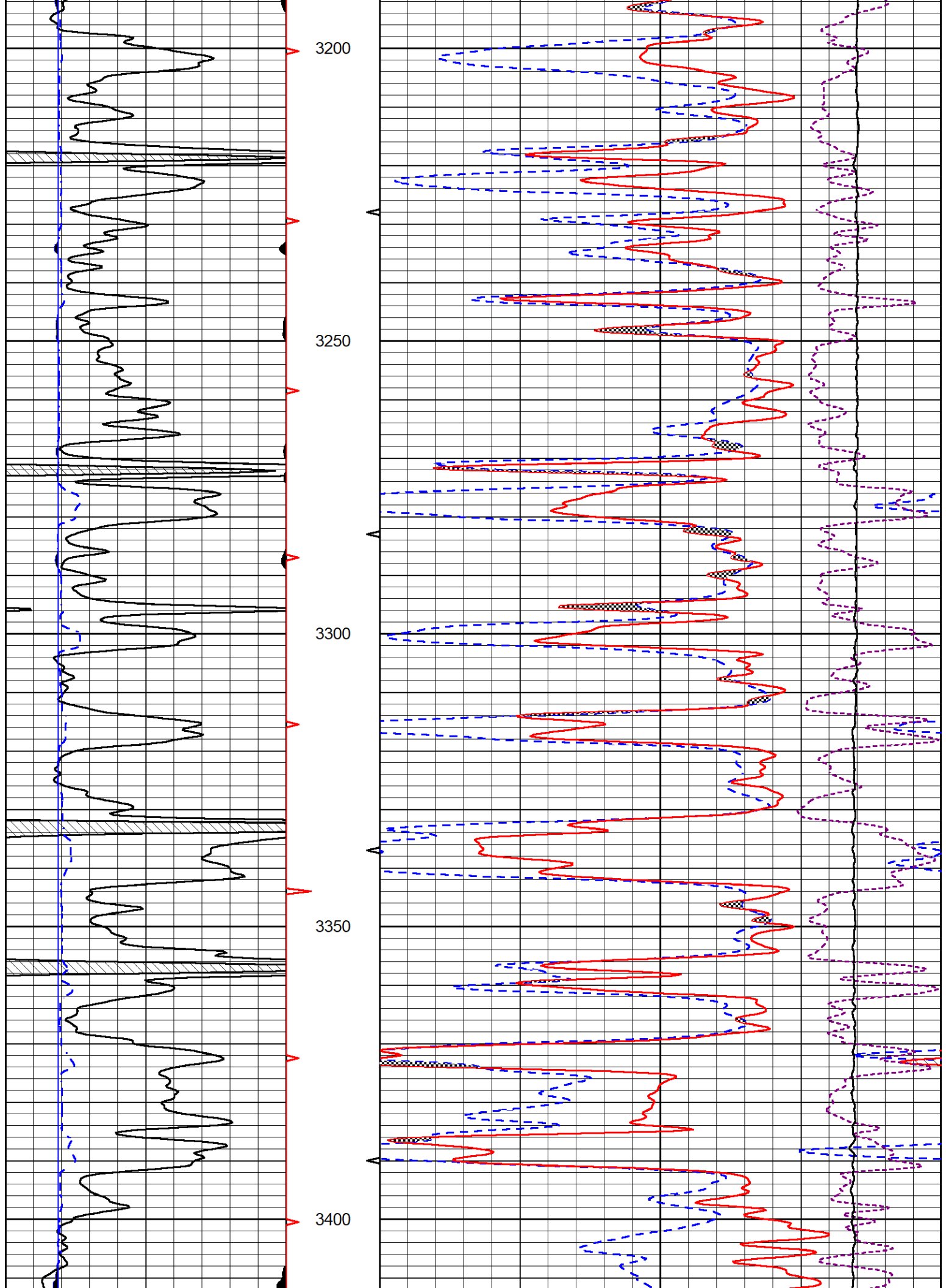
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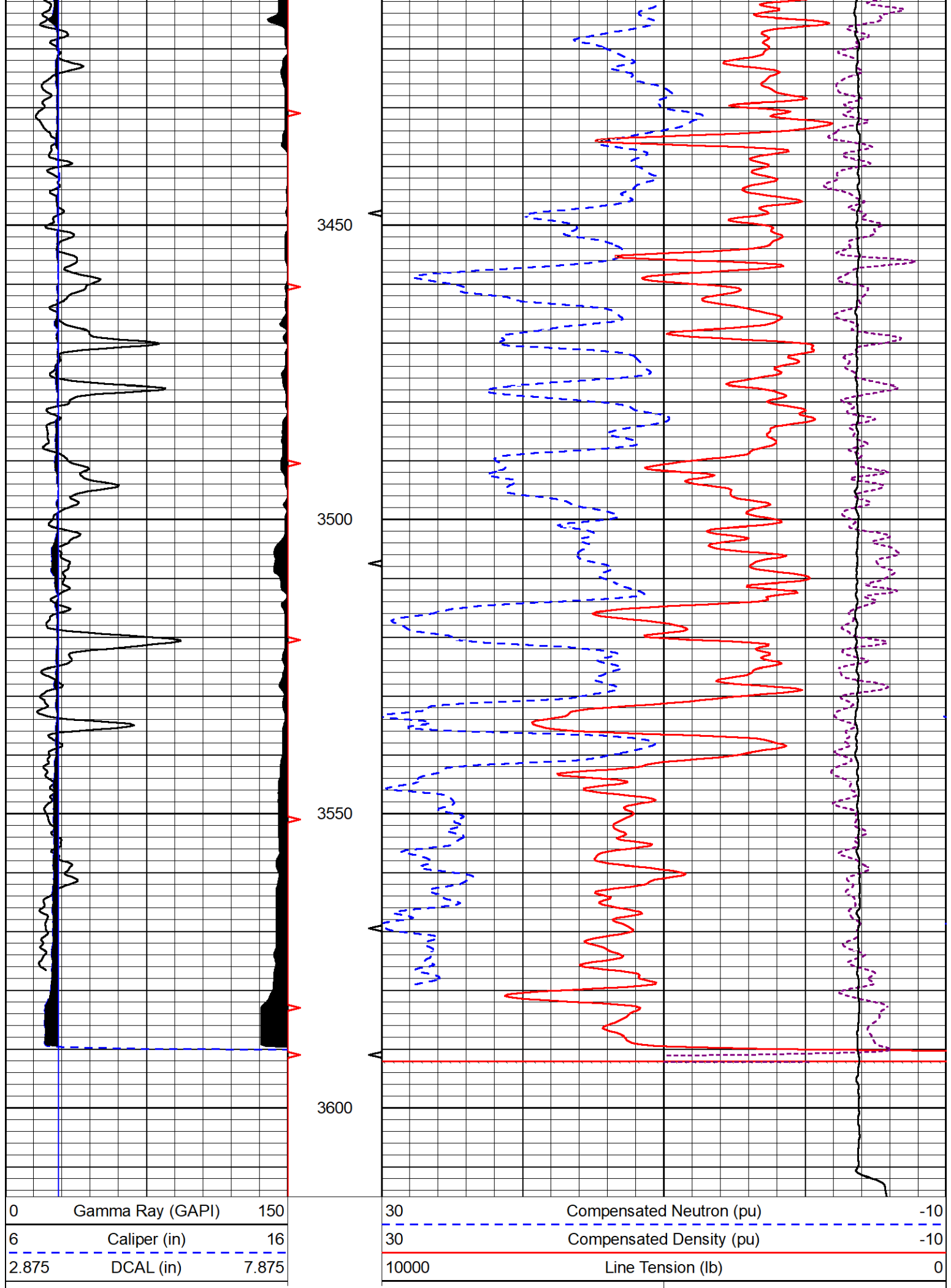
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 Dataset Pathname StkMI/pass3.1
 Presentation Format _cndlspec
 Dataset Creation Sat Oct 29 19:59:13 2022
 Charted by Depth in Feet scaled 1:240













MIDWEST WIRELINE

REPEAT SECTION

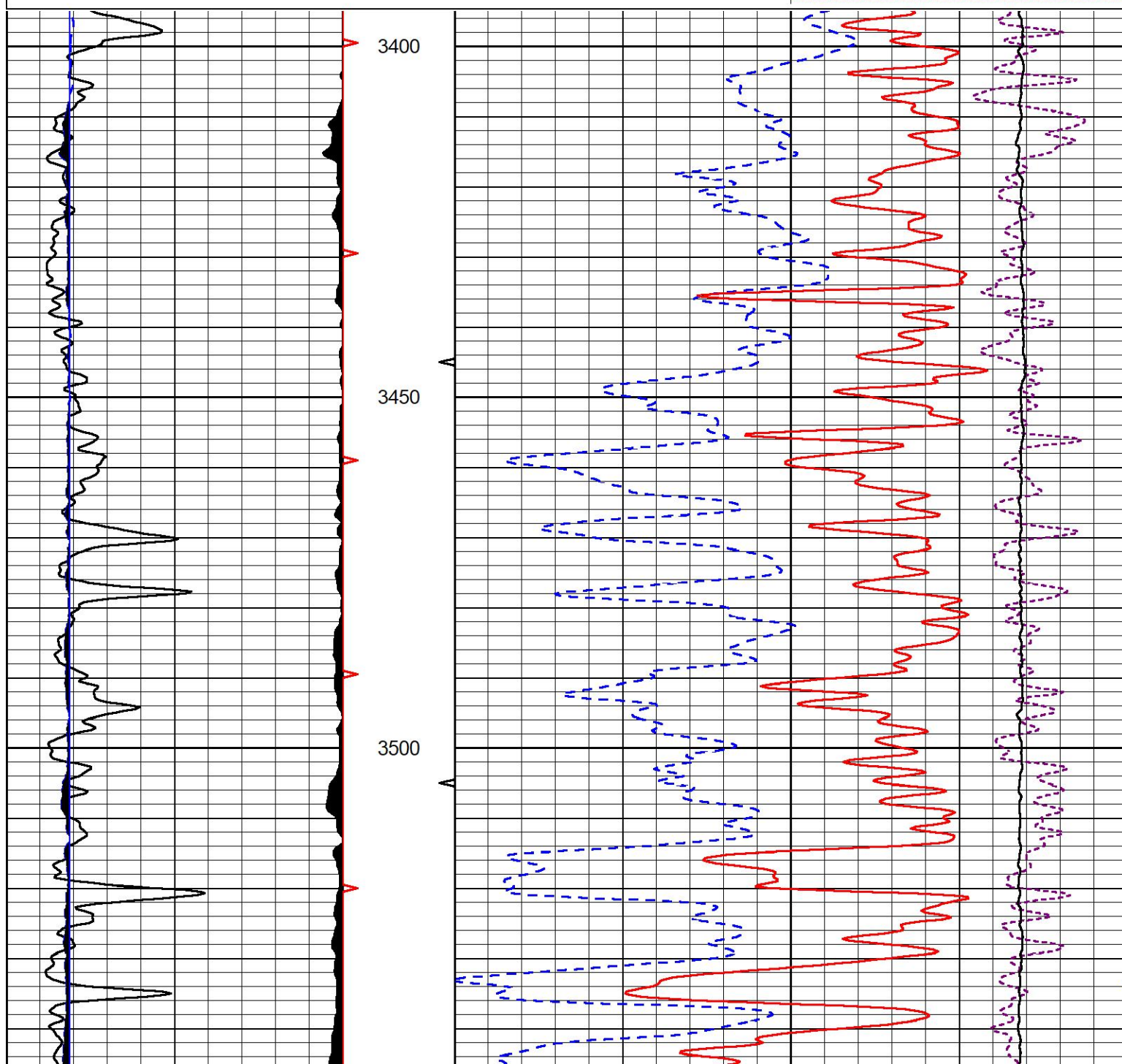
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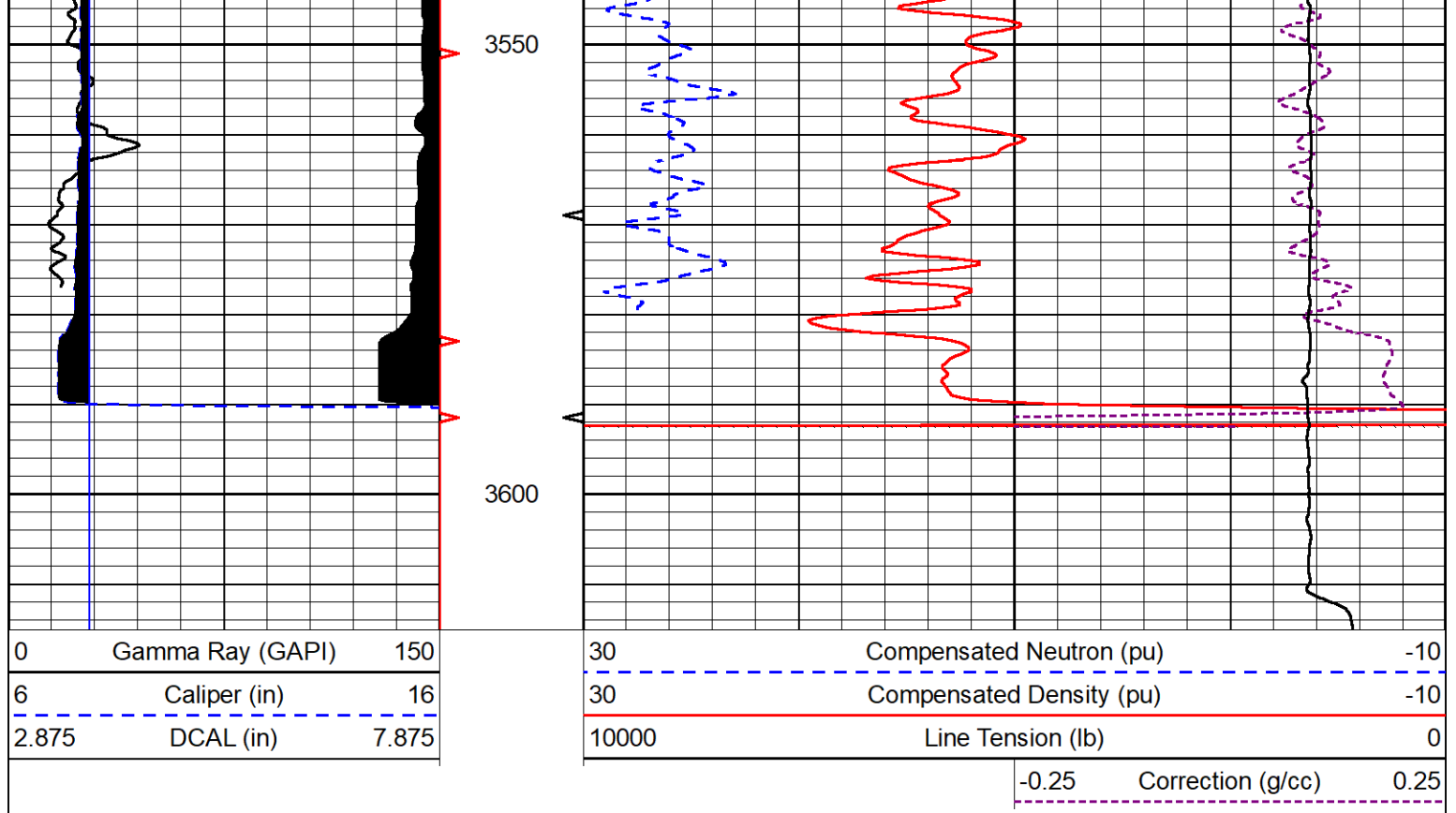
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Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
2.875	DCAL (in)	7.875

30	Compensated Neutron (pu)	-10
30	Compensated Density (pu)	-10
10000	Line Tension (lb)	0

-0.25	Correction (g/cc)	0.25
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Master Calibration					
	Density			Far Detector	Near Detector
Magnesium	1.755	g/cc		3600.52	4768.22 cps
Aluminum	2.670	g/cc		693.98	3106.20 cps
	Spine Angle = 75.41			Density/Spine Ratio = 0.538	
	Size			Reading	
Small Ring	6.00	in		1.16	
Large Ring	18.00	in		1.01	
Compensated Neutron Calibration Report					
	Serial Number:		207-MW		
	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
PRE-SURVEY VERIFICATION					
	Detector	Readings		Measured	Target
1)	Short Space		cps		
	Long Space		cps	pu	pu
2)	Short Space		cps		
	Long Space		cps	pu	
3)	Short Space		cps		
	Long Space		cps	pu	
POST-SURVEY VERIFICATION					
	Detector	Readings		Measured	Target
1)	Short Space		cps		
	Long Space		cps	pu	pu
2)	Short Space		cps		
	Long Space		cps	pu	pu
3)	Short Space		cps		
	Long Space		cps	pu	pu
Gamma Ray Calibration Report					
	Serial Number:	106			
	Tool Model:	M&W			
	Performed:	Fri Dec 3 15:10:46 2021			
	Calibrator Value:	500.0		GAPI	
	Background Reading:	24.0		cps	
	Calibrator Reading:	637.0		cps	
	Sensitivity:	0.5500		GAPI/cps	



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Company	Anchor Bay Petroleum LLC
Well	S&T #1
Field	
County	Rooks
State	Kansas