



DUAL COMP POROSITY LOG

MIDWEST WIRELINE

Company Prospect Oil & Gas, Inc.
Well Rein #1
Field Wheatland South
County Ellis
State Kansas

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County Ellis State Kansas

Location: API #: 15-051-27010-00-00

Other Services

SEC 19 TWP 15S RGE 17W
1490' FSL & 1540' FEL

DIL/MEL

Permanent Datum Ground Level Elevation 1987
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 1995
D.F. 1987
G.L. 1987

Date 9/20/2021

Run Number One

Type Log CNL/CDL

Depth Driller 3650

Depth Logger 3652

Bottom Logged Interval 3623

Top Logged Interval 2900

Type Fluid In Hole Chemical

Salinity, PPM CL 4600

Density 9.0

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 3 Hours

Equipment -- Location P-24 HAYS

Recorded By D. Schmidt

Witnessed By Brad Hutchinson

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	1154	8.625	23	0	1154
Two	7.875	1154	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.

Munjoy,
6 South to Smoky Hill River Rd, 3/4 East,
North into

Log Measured From: Kelly Bushing 8 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Brad Hutchinson
Secondary Witness:
Secondary Witness:
Secondary Witness:

Sensor	Offset (ft)	Schematic		Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.58			GR-M&W (233-M&W)	3.00	3.50	50.00
CNLSC CNSSC	37.48 36.73			CNT-M&W (207-MW)	5.50	3.50	100.00
LSD DCAL SSD	28.43 28.42 27.93			CDL-M&W (934-226)	8.50	4.00	250.00
ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics					7.58	4.00	65.00
MCAL MI MN	19.83 19.83 19.83						
RLL3F RLL3	15.80 15.80						
CILD	8.00			DIL-PSI HIGH TEMP (952-828)	18.50	3.50	220.00
CILM	4.70						
SP	0.20						
Dataset: prospect_rein 1.db: field/well/stkml/pass5.1 Total length: 43.08 ft Total weight: 685.00 lb O.D.: 4.00 in							

Log Variables

DatabaseC:\ProgramData\Warrior\Data\prospect_rein 1.db
Dataset field/well/stkml/pass5.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 113	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m 0	mmho/m 0	mV 230	degF 86	Off	ft 3652

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

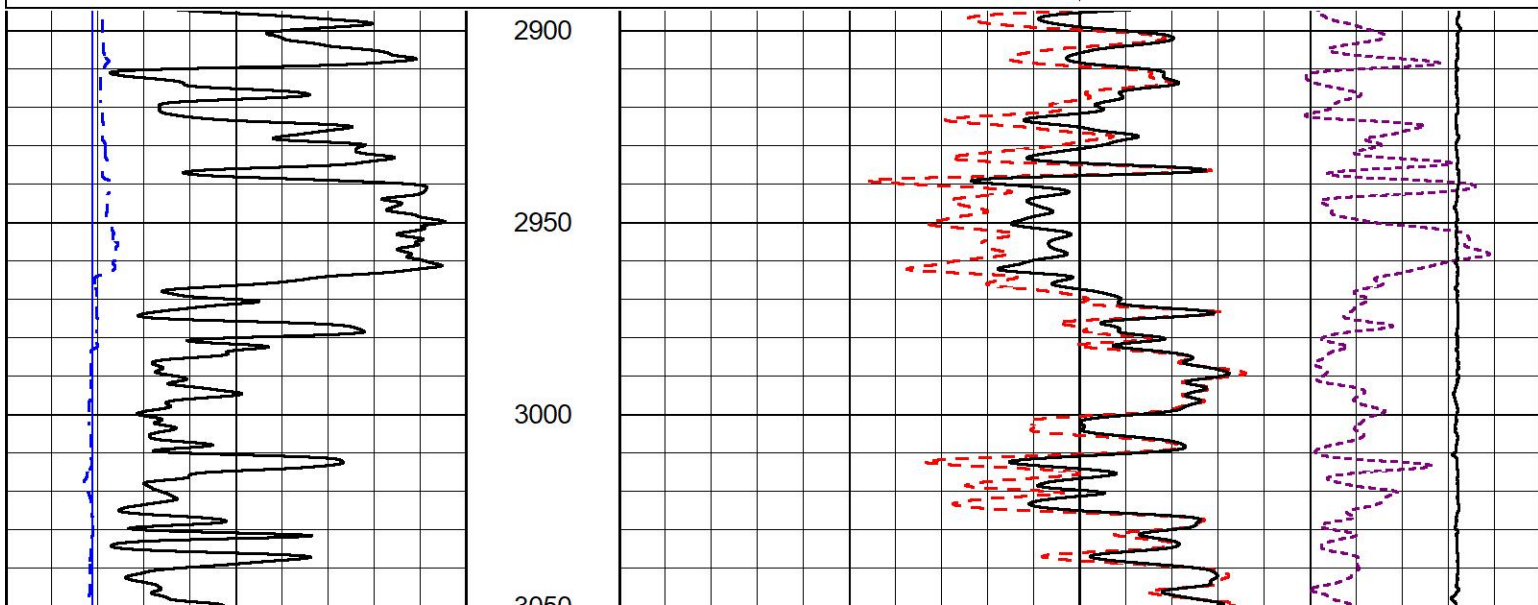


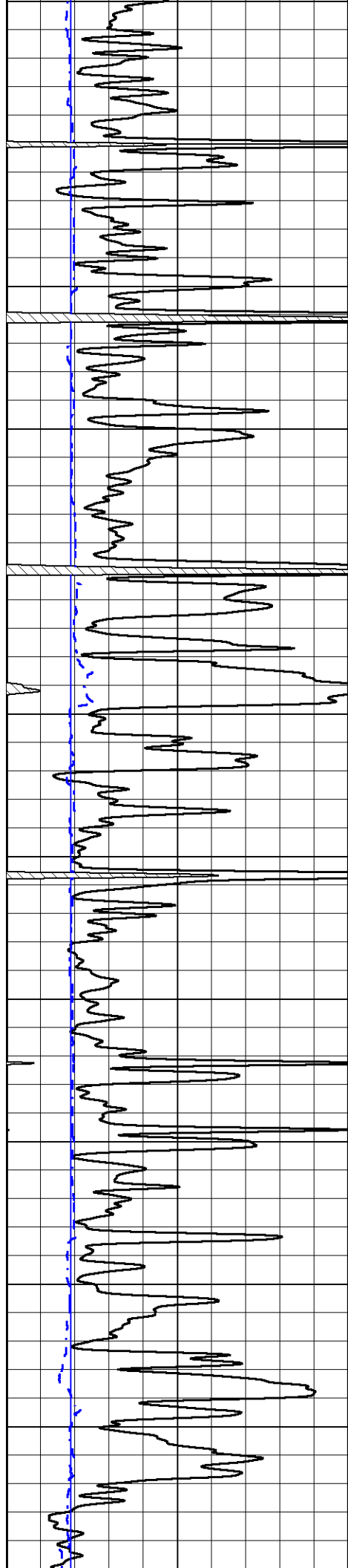
2" SCALE BULK DENSITY

MAIN PASS

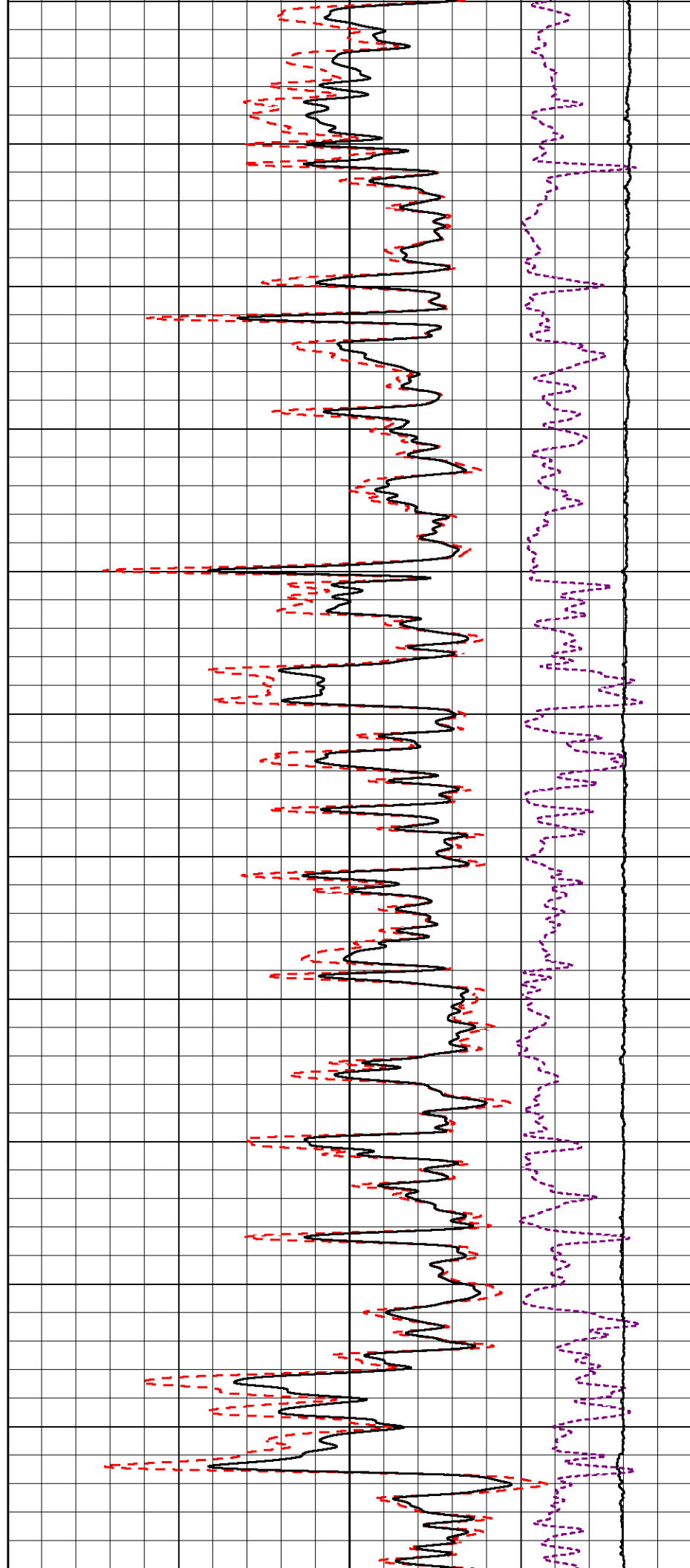
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Presentation Format _cdl
Dataset Creation Mon Sep 20 14:25:55 2021
Charted by Depth in Feet scaled 1:600

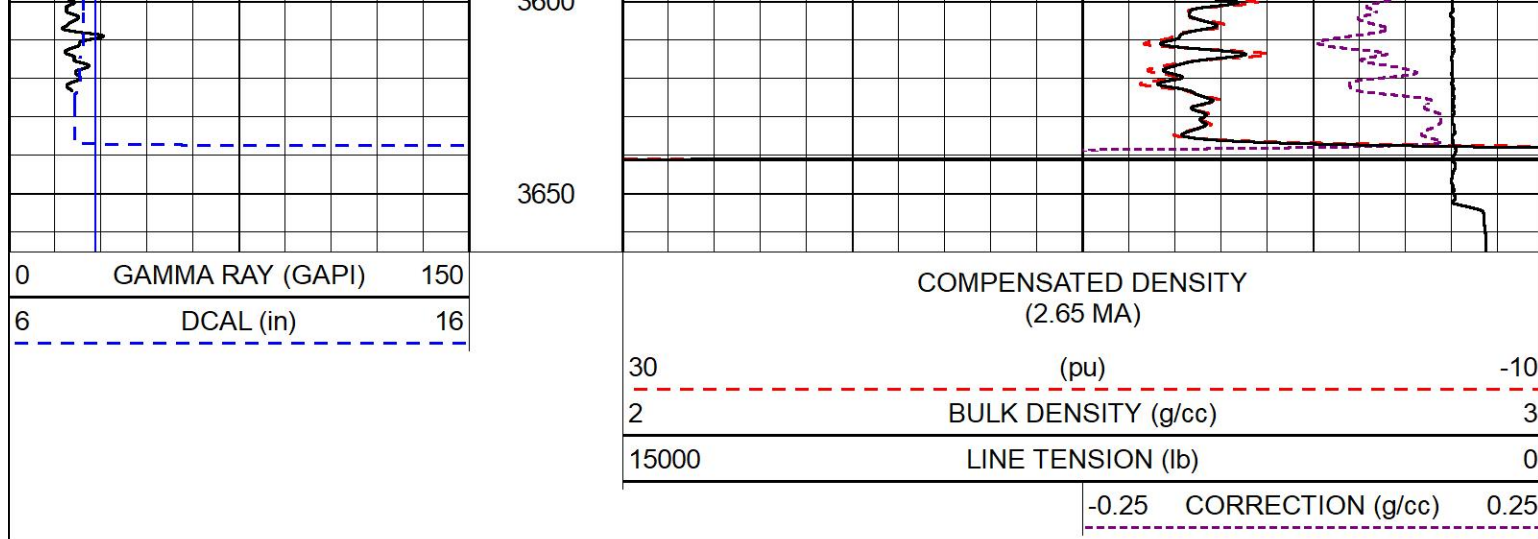
0	GAMMA RAY (GAPI)	150
6	DCAL (in)	16
COMPENSATED DENSITY (2.65 MA)		
30	(pu)	-10
2	BULK DENSITY (g/cc)	3
15000	LINE TENSION (lb)	0
-0.25	CORRECTION (g/cc)	0.25





3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600



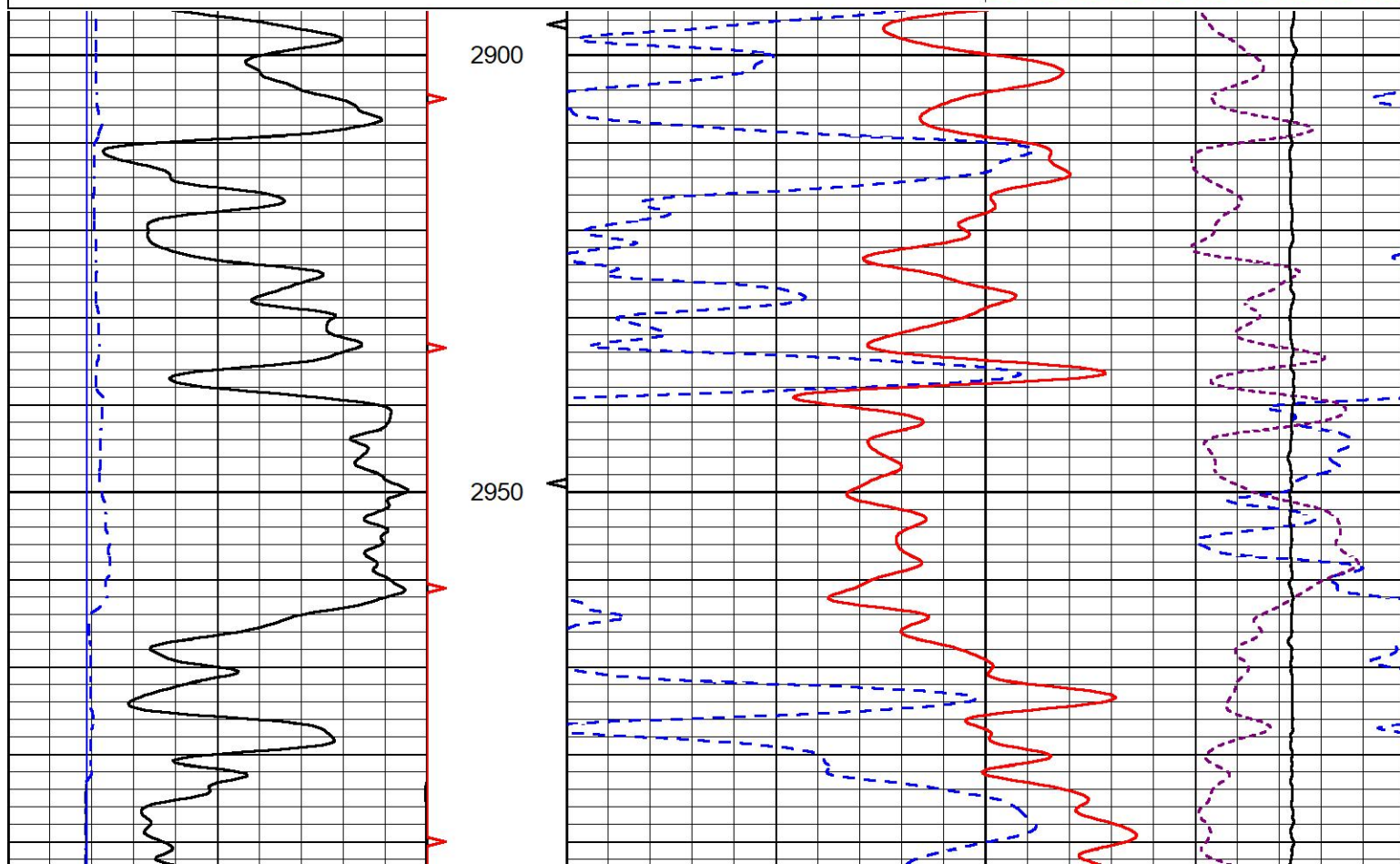
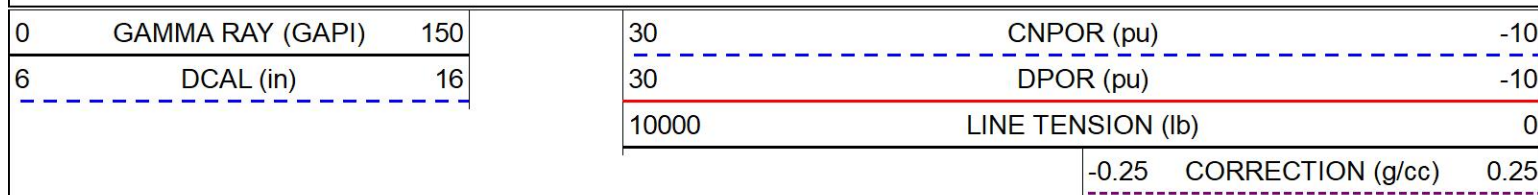


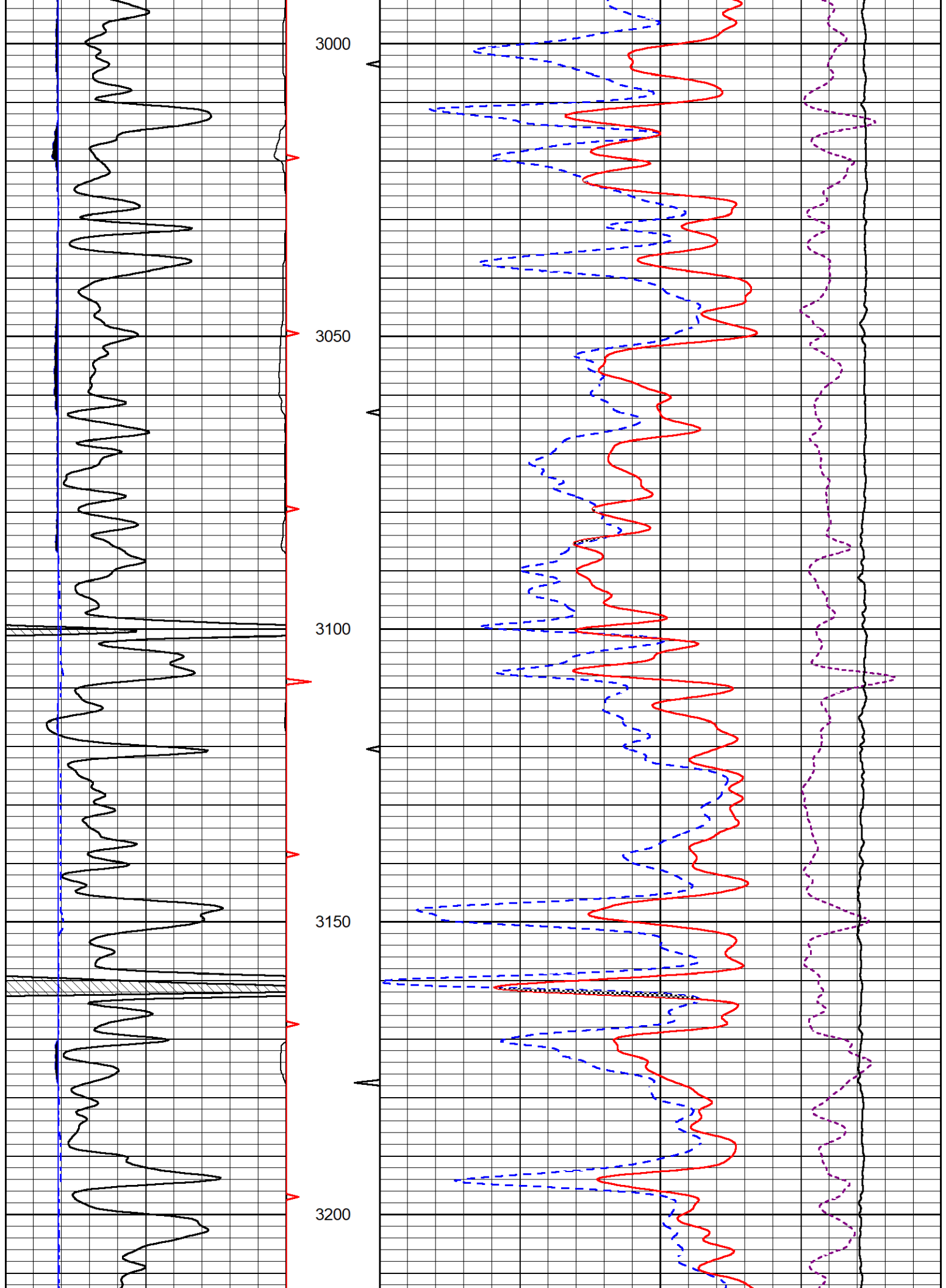
MIDWEST WIRELINE

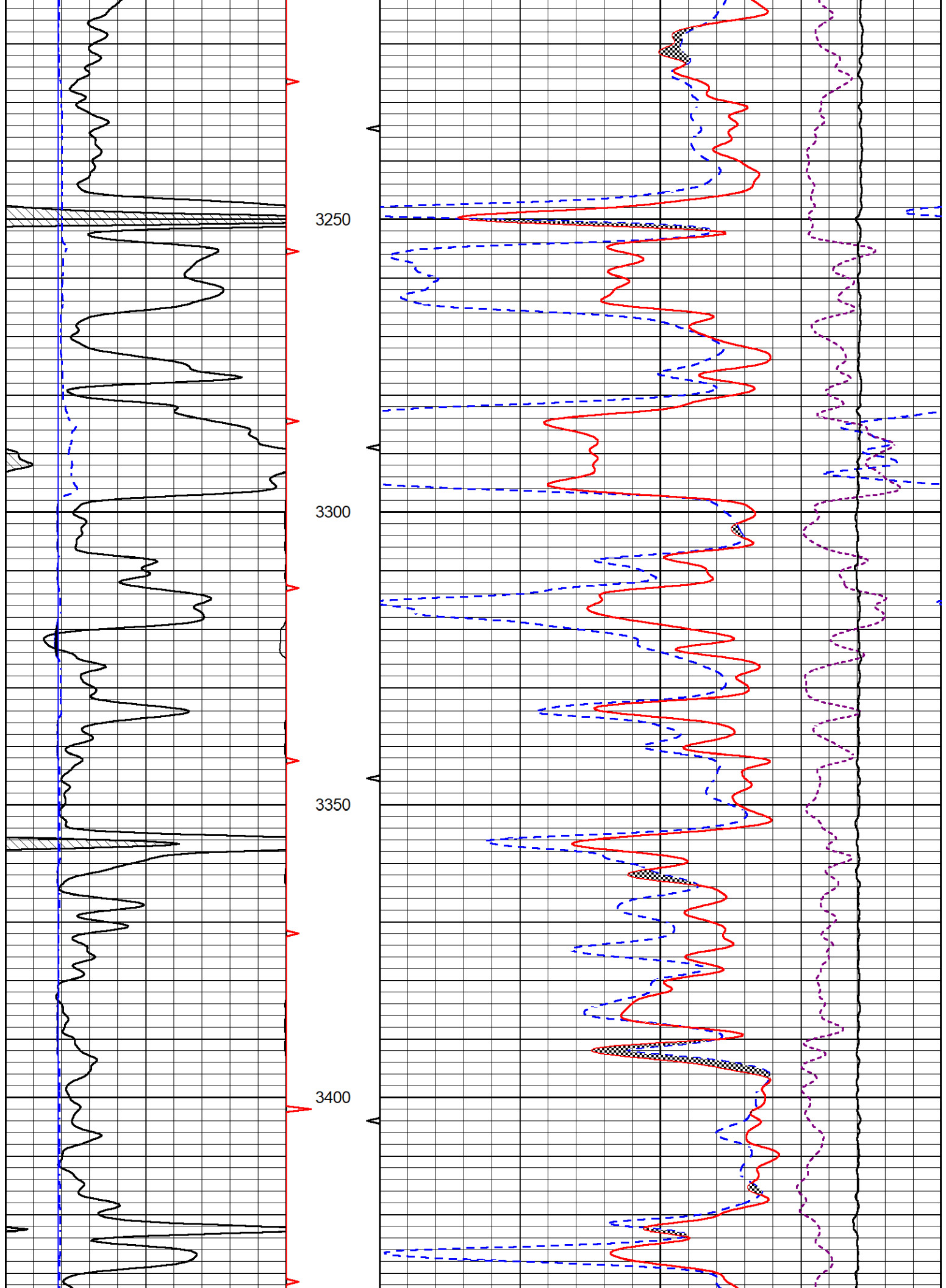
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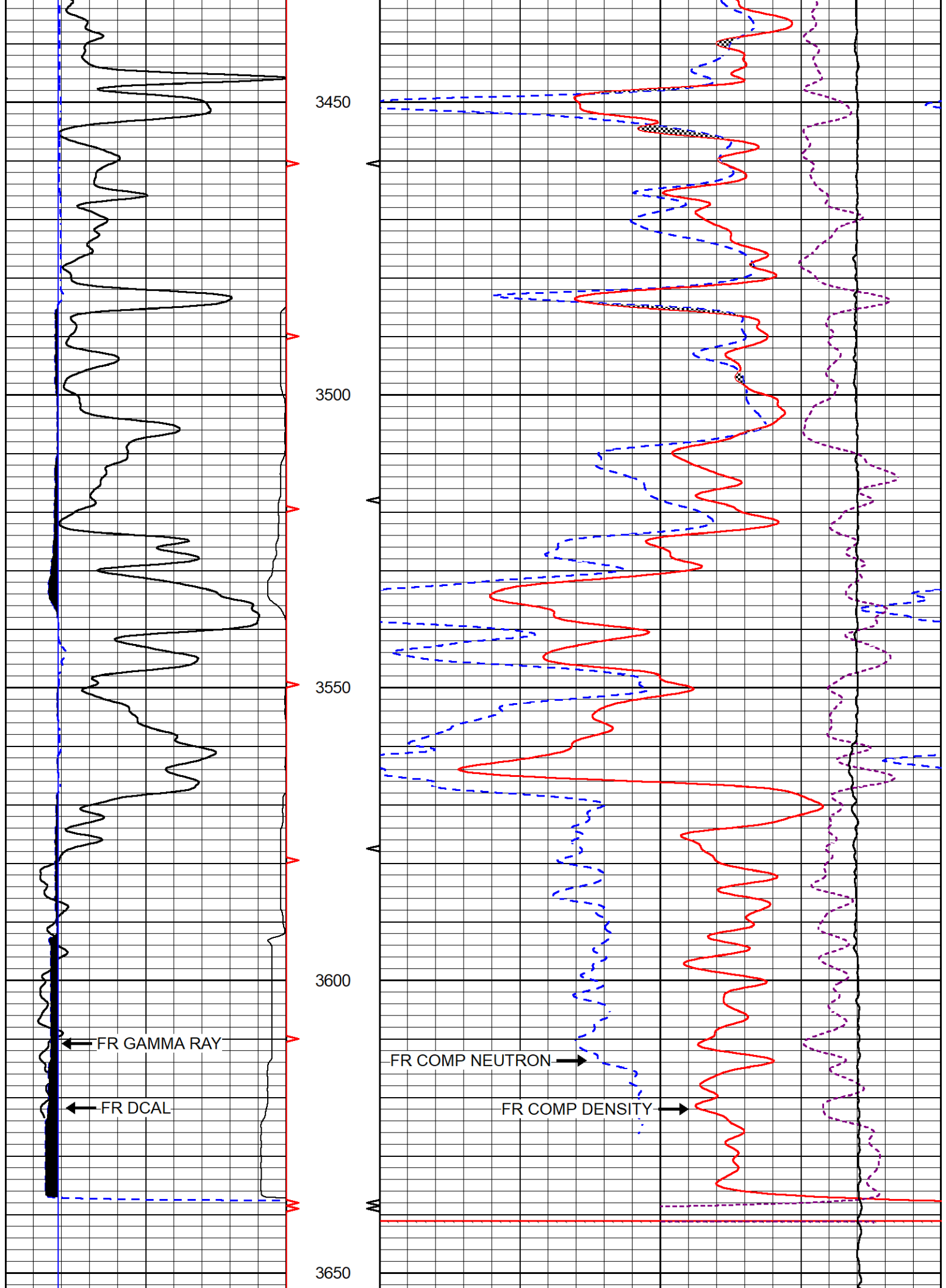
MAIN PASS

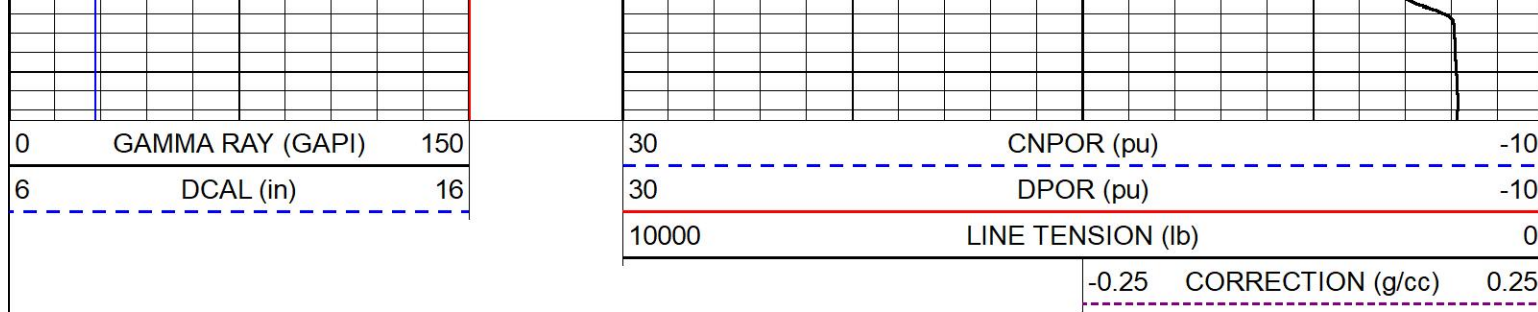
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 Charted by Depth in Feet scaled 1:240









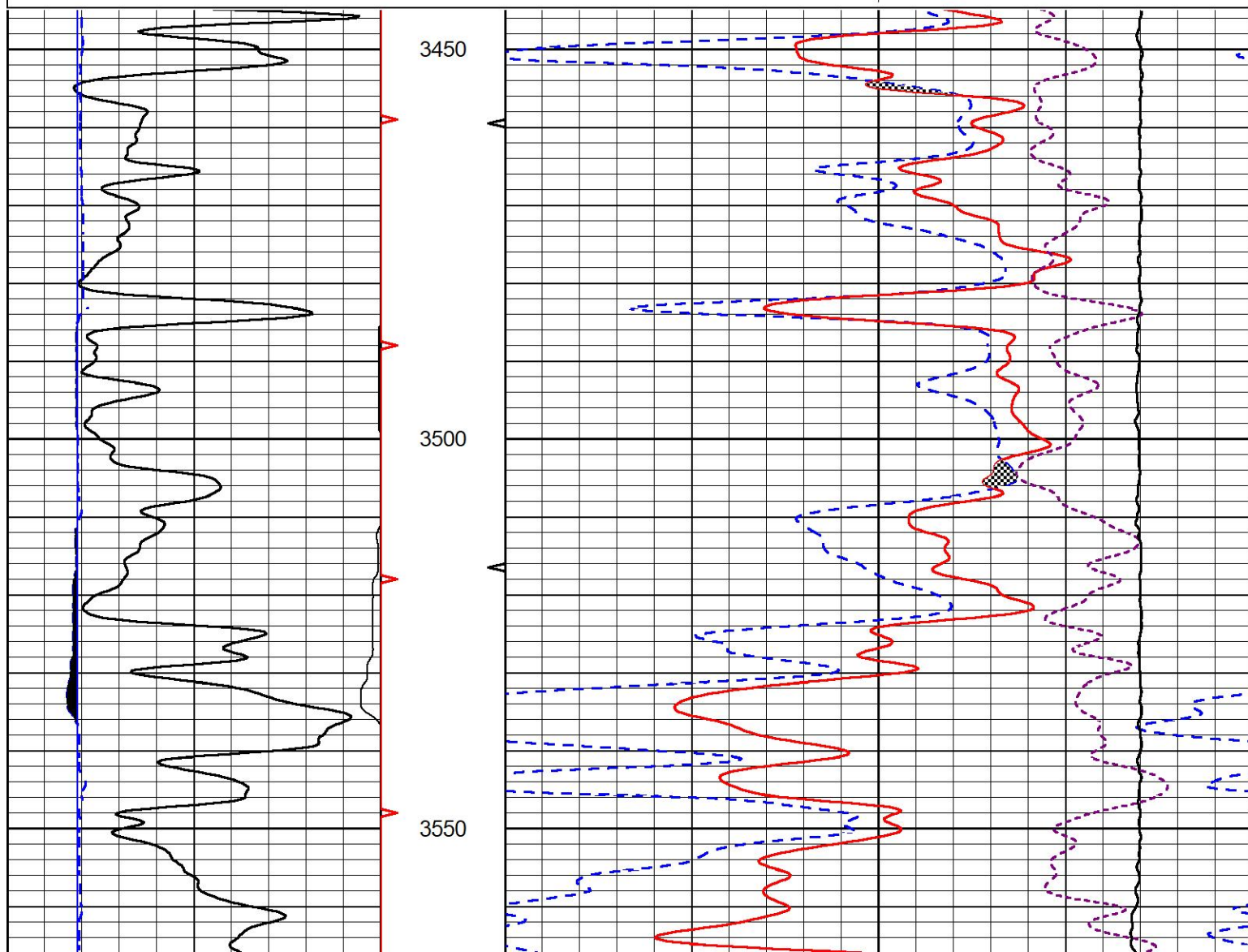
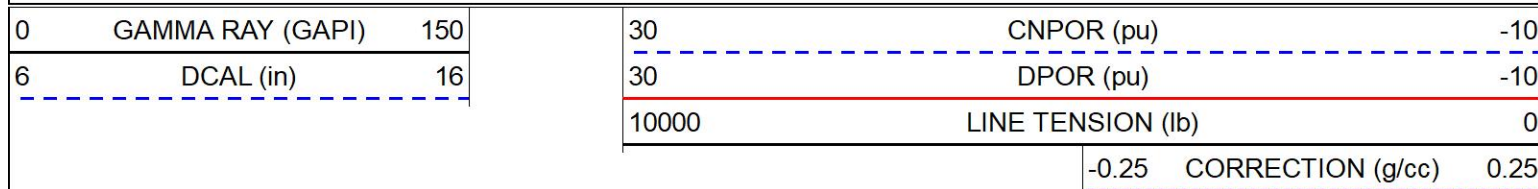


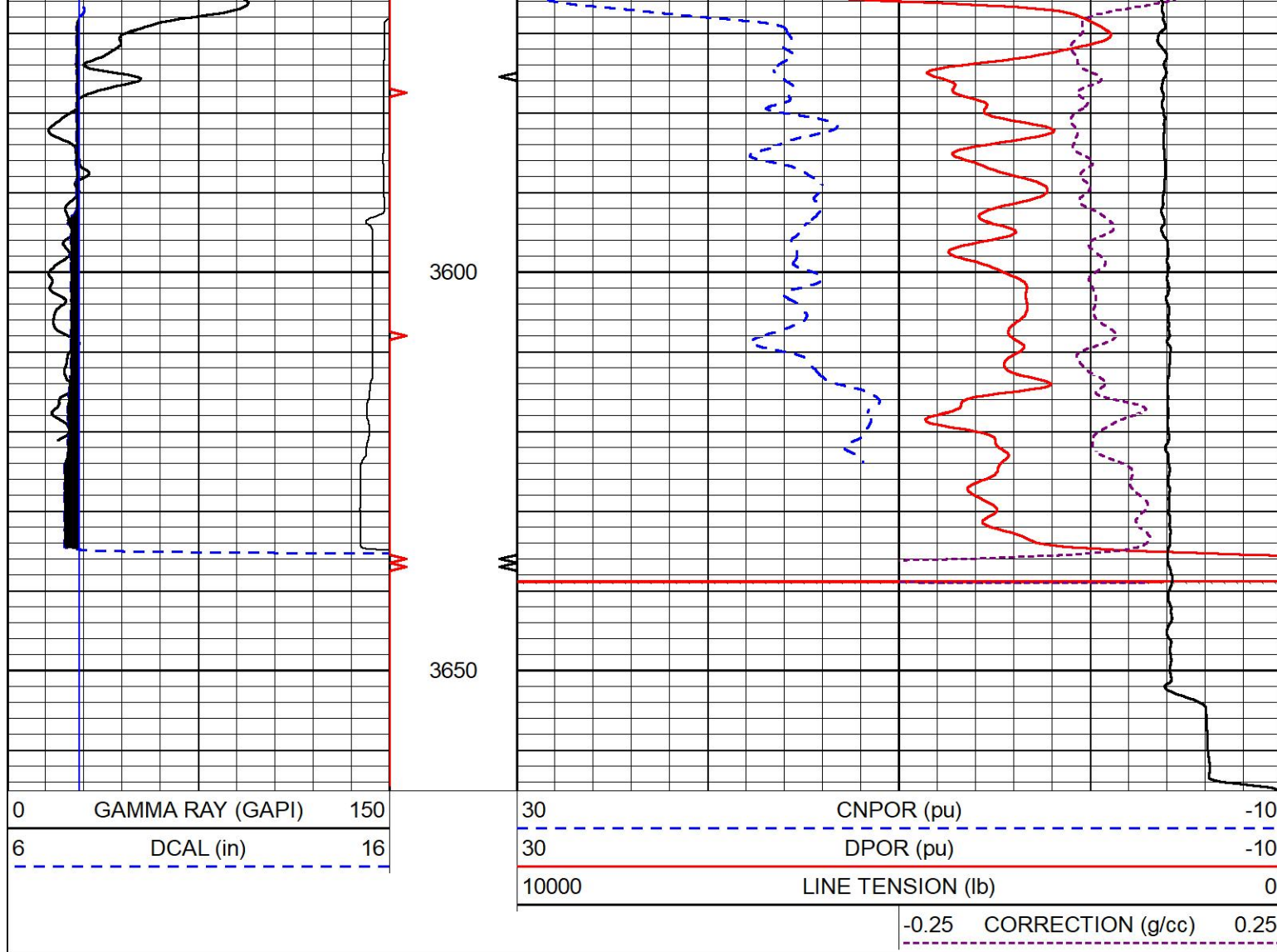
MIDWEST WIRELINE

REPEAT SECTION

REPEAT PASS

Database File prospect_rein 1.db
 Dataset Pathname stkml/pass3.1
 Presentation Format _CNDLS~1
 Dataset Creation Mon Sep 20 14:19:30 2021
 Charted by Depth in Feet scaled 1:240





Company Prospect Oil & Gas, Inc.

Well Rein #1

Field Wheatland South

County Ellis

State Kansas