



DUAL INDUCTION LOG

MIDWEST WIRELINE

Company Prospect Oil & Gas, Inc.		Company Prospect Oil & Gas, Inc.	
Well	Rein #1	Well Rein #1	
Field	Wheatland South	Field Wheatland South	
County	Ellis	County	Ellis
State	Kansas	State	Kansas
Location: API #: 15-051-27010-00-00		Other Services	
1490' FSL & 1540' FEL		CNL/CDL MEL	
Permanent Datum	Ground Level	Elevation	1987
Log Measured From	Kelly Bushing	K.B.	1995
Drilling Measured From	Kelly Bushing	D.F.	1987
SEC 19 TWP 15S RGE 17W			
Date	9/20/2021		
Run Number	One		
Depth Driller	3650		
Depth Logger	3652		
Bottom Logged Interval	3651		
Top Log Interval	1150		
Casing Driller	8.625 @ 1154		
Casing Logger	1154		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4600		
Density / Viscosity	9.0 60		
pH / Fluid Loss	11.0 5.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.45 @ 86		
Rmt @ Meas. Temp	0.34 @ 86		
Rmc @ Meas. Temp	0.61 @ 86		
Source of Rmt / Rmc	CHARTS		
Rm @ BHT	0.34 @ 113		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	113		
Equipment Number	P-24		
Location	HAYS		
Recorded By	D. Schmidt		
Witnessed By	Brad Hutchinson		

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline 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

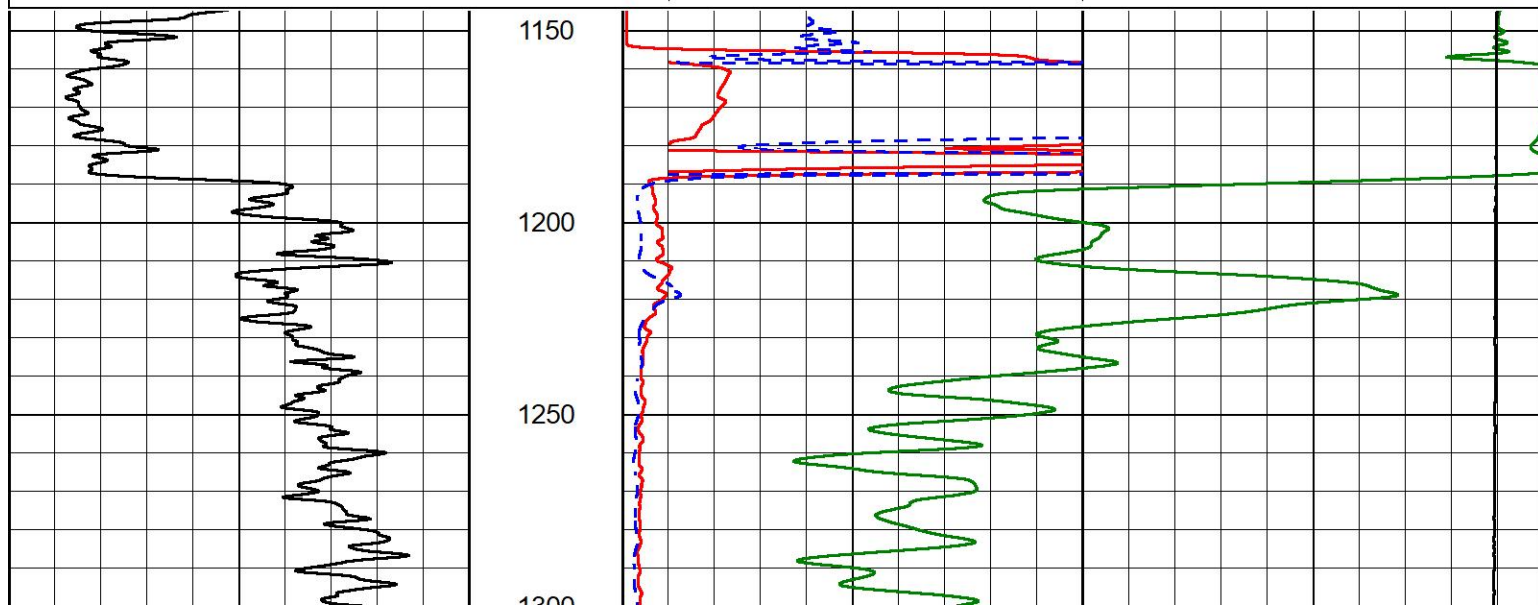


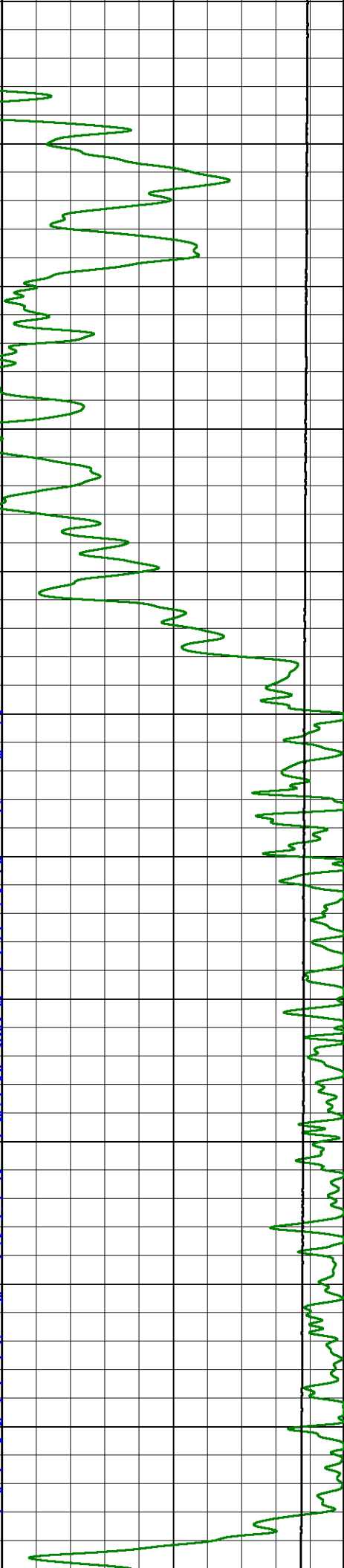
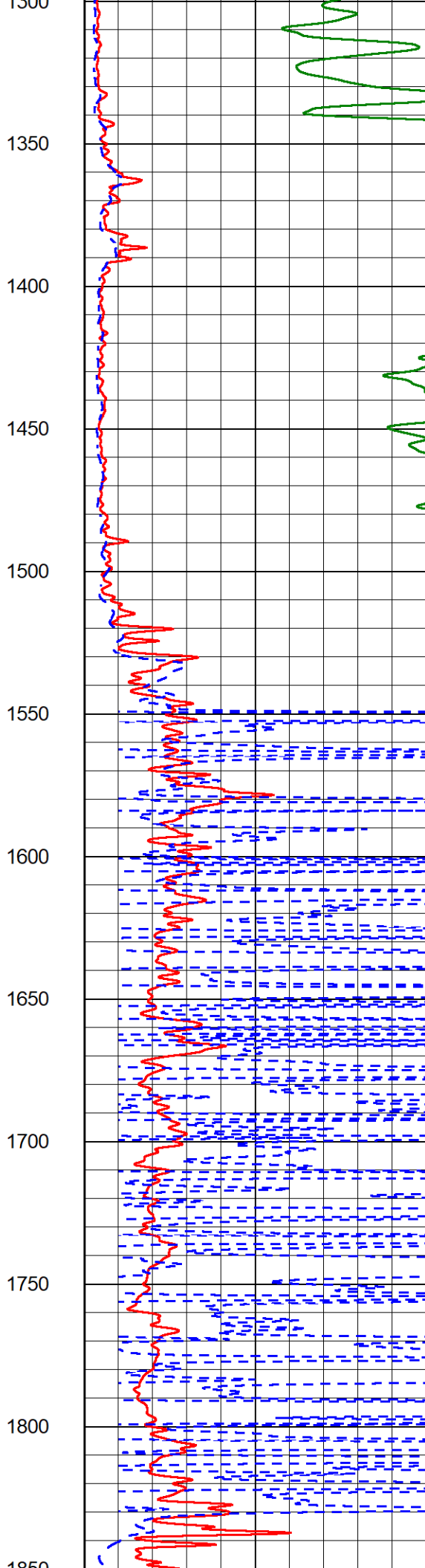
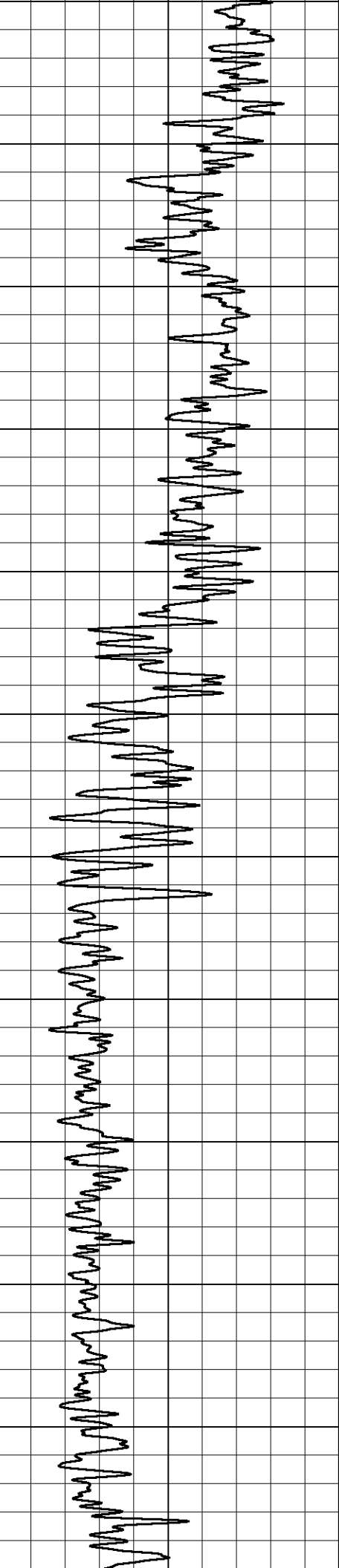
2" SCALE RESISTIVITY

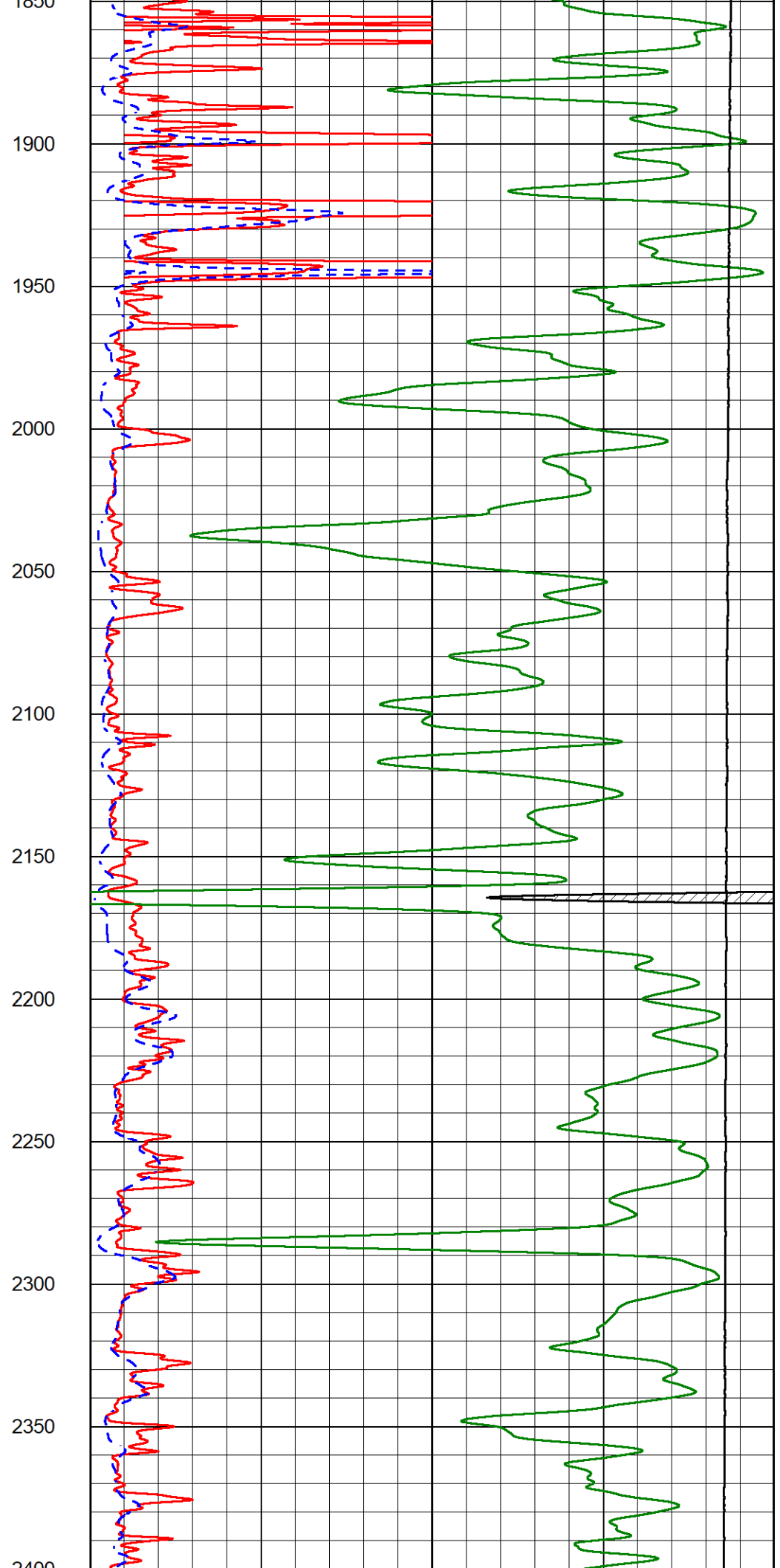
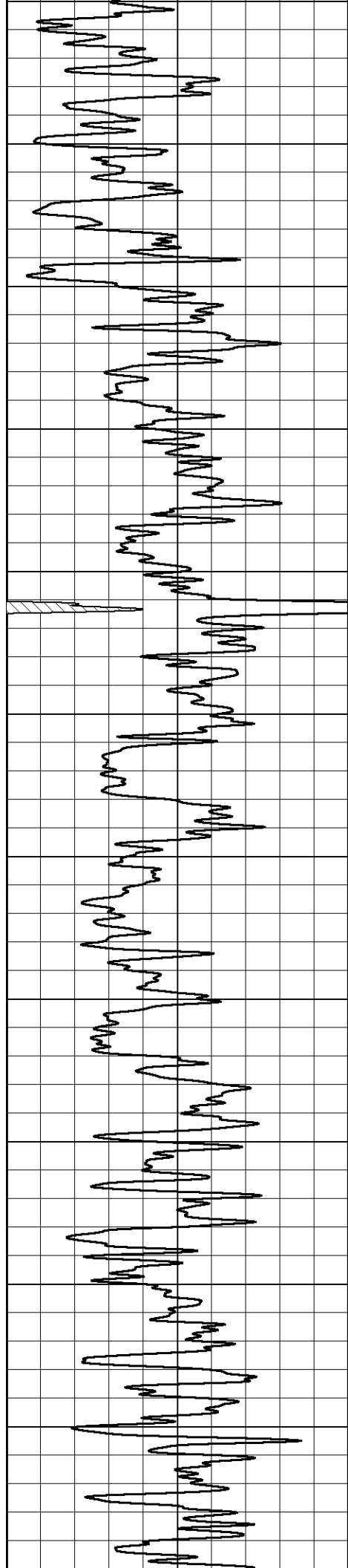
MAIN PASS

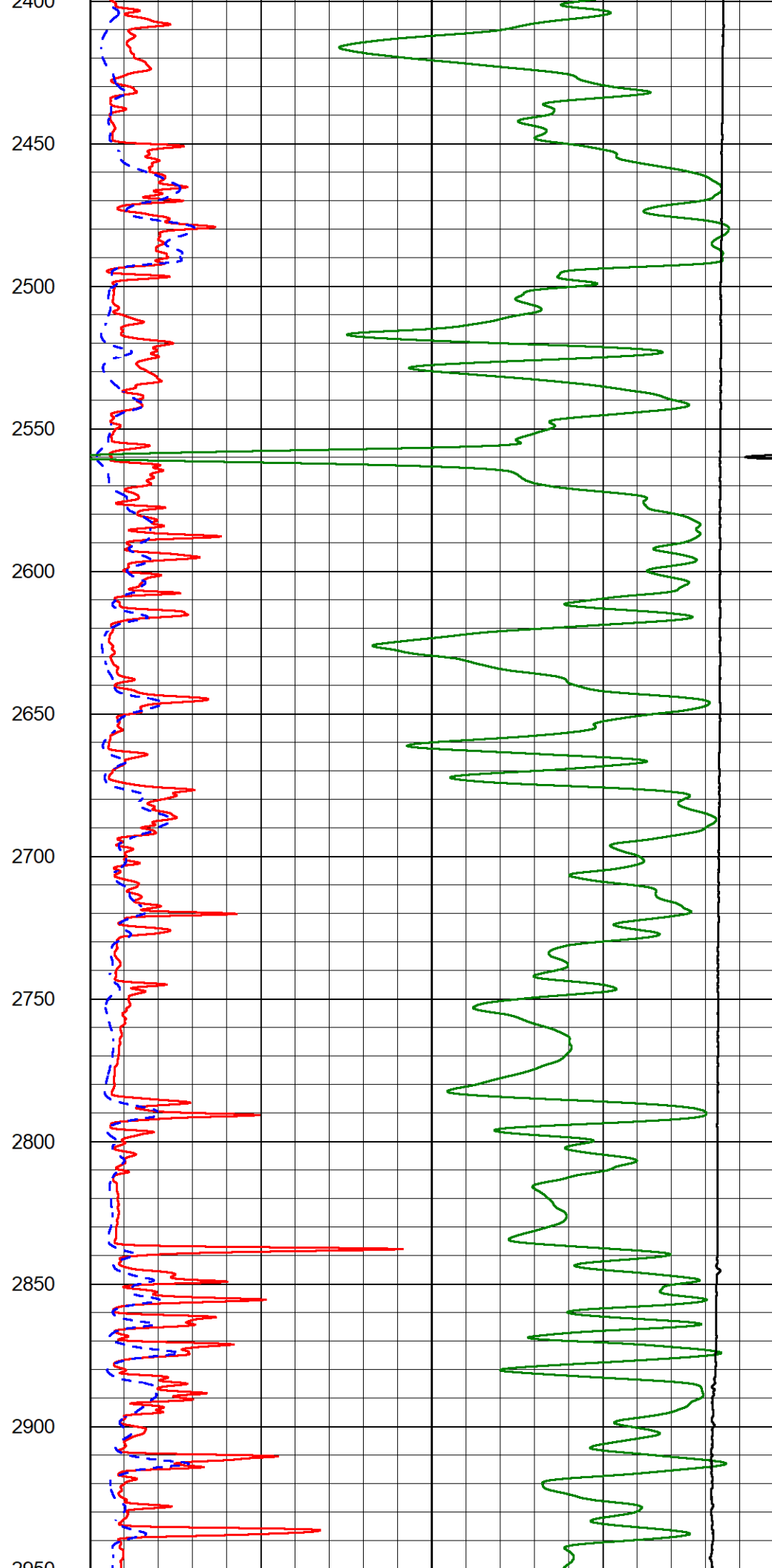
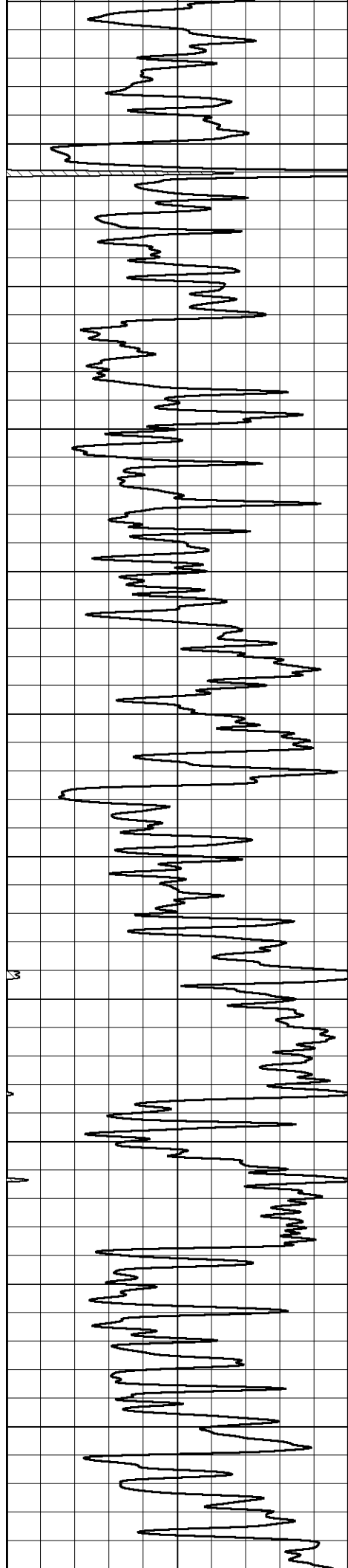
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Dataset Pathname stkml/pass6.1
Presentation Format _dil2in
Dataset Creation Mon Sep 20 14:42:33 2021
Charted by Depth in Feet scaled 1:600

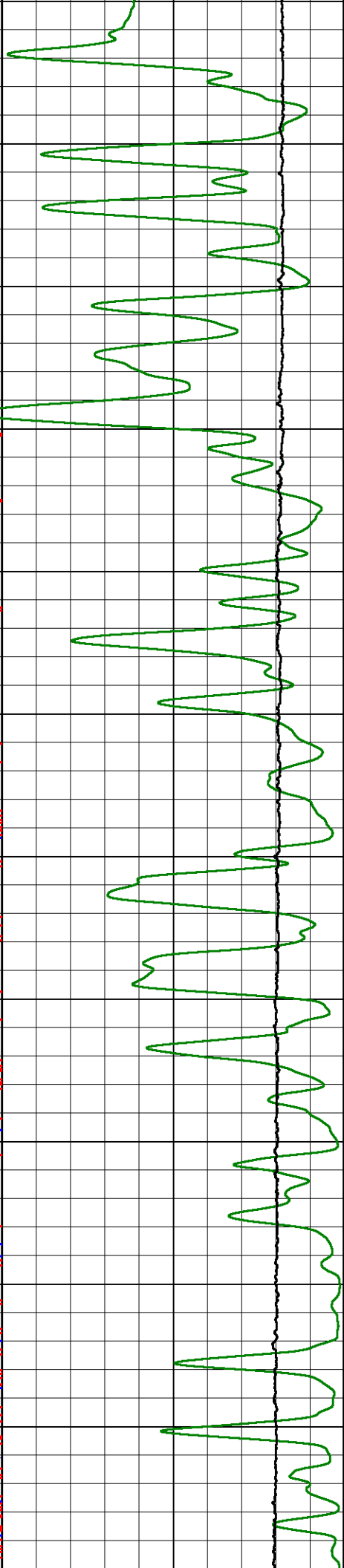
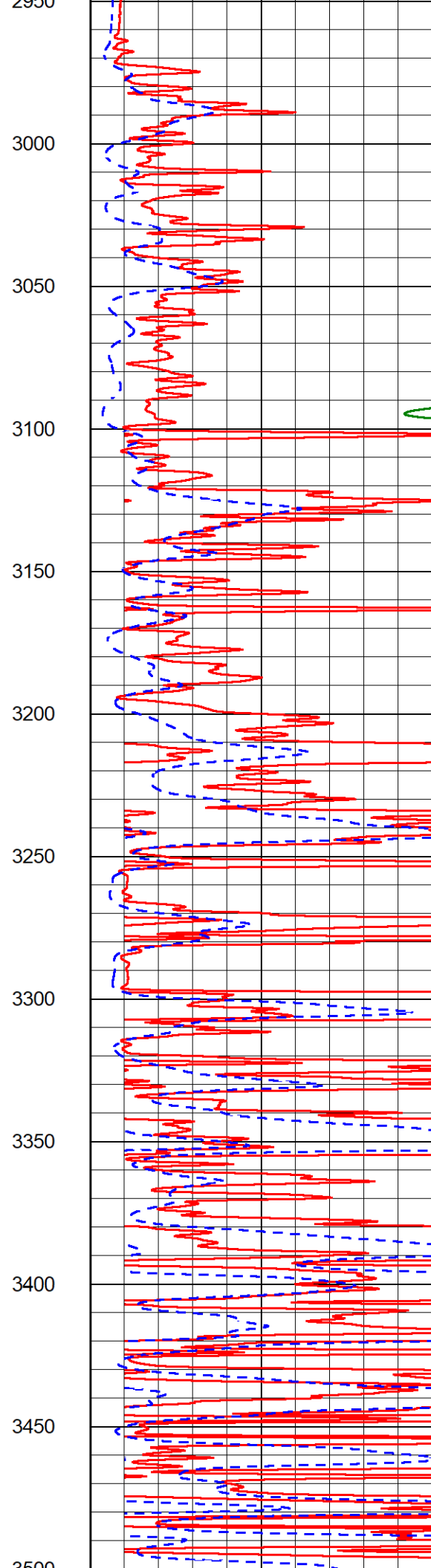
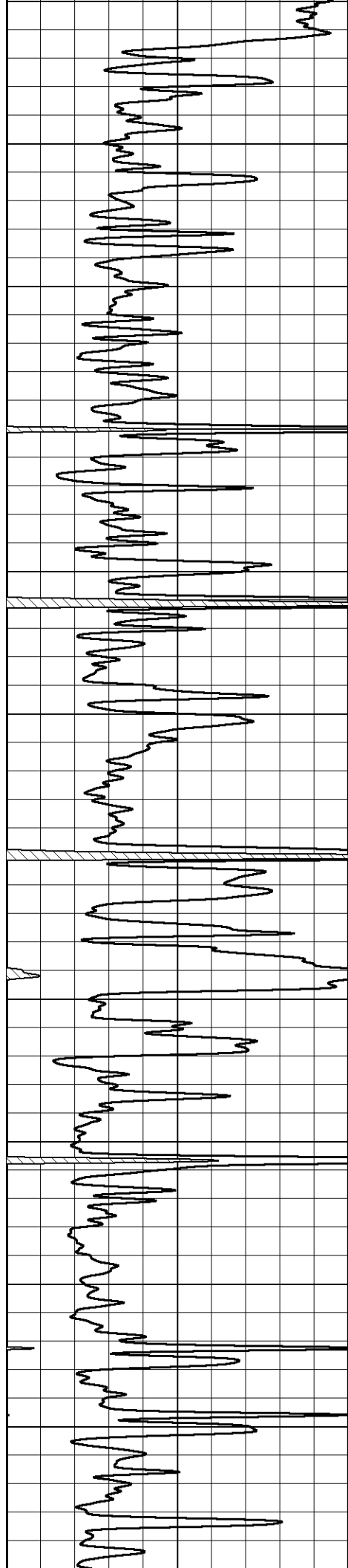
GAMMA RAY		1000 CONDUCTIVITY (mmho/m)		0
		15000 Line Tension (lb)		0
0	(GAPI)	0	RLL3 (Ohm-m)	50
		0	RILD (Ohm-m)	50
		50	RLL3 (Ohm-m)	200
		50	Deep Resistivity (Ohm-m)	200

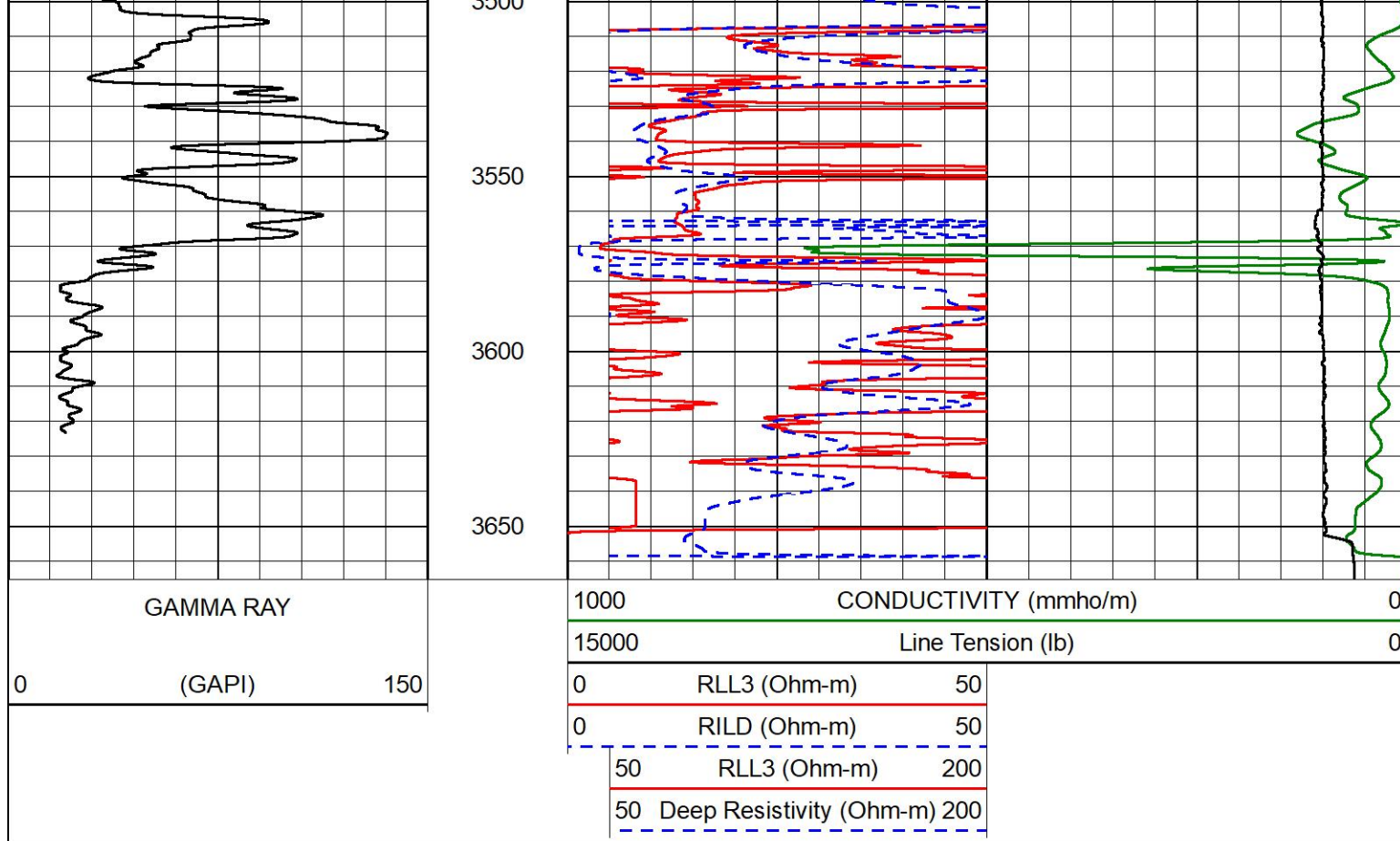










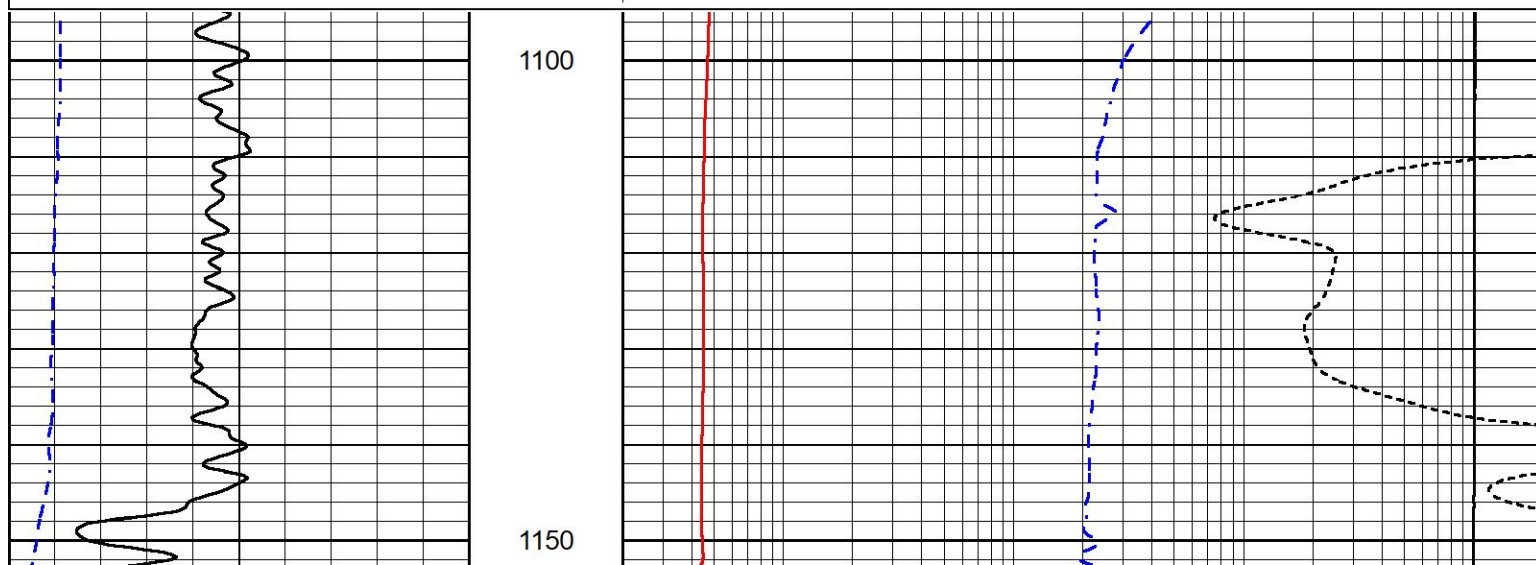


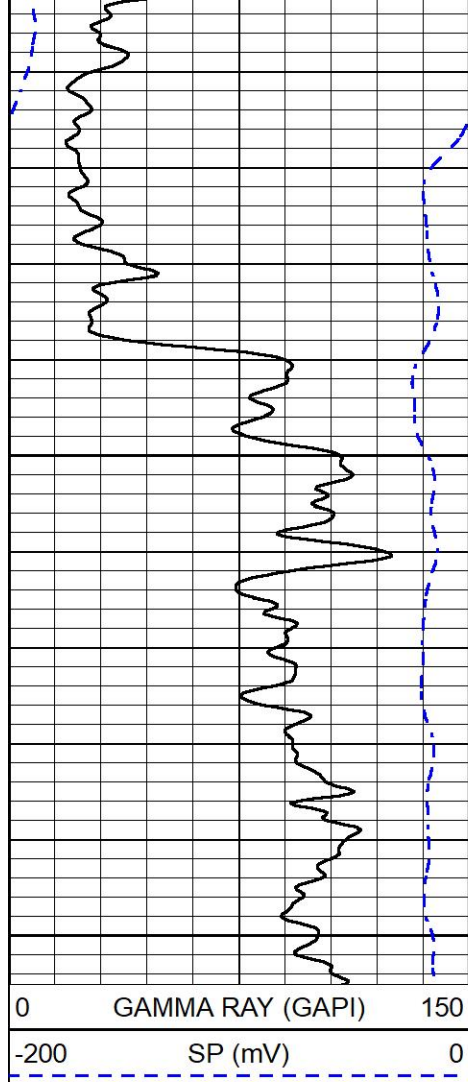
ANHYDRITE SECTION

MAIN PASS

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Presentation Format _dil
Dataset Creation Mon Sep 20 14:43:35 2021
Charted by Depth in Feet scaled 1:240

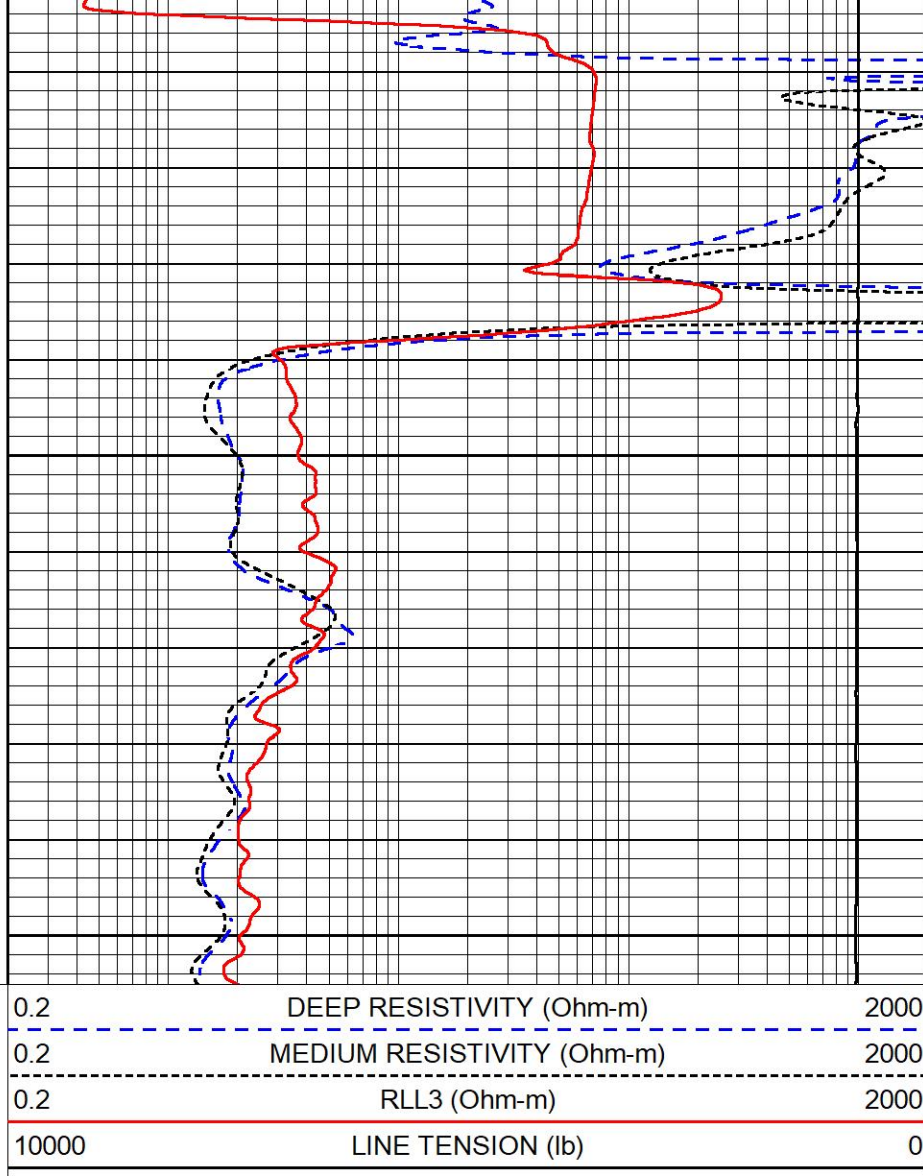
0	GAMMA RAY (GAPI)	150	0.2	DEEP RESISTIVITY (Ohm-m)	2000
-200	SP (mV)	0	0.2	MEDIUM RESISTIVITY (Ohm-m)	2000
			0.2	RLL3 (Ohm-m)	2000
			10000	LINE TENSION (lb)	0





1200

1250

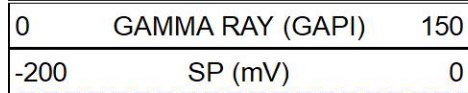


MIDWEST WIRELINE

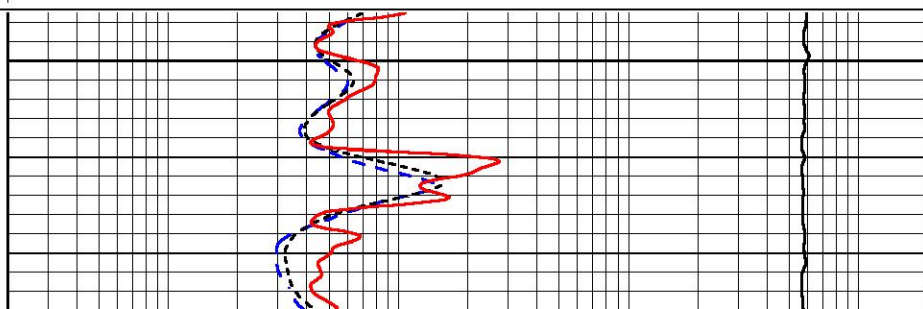
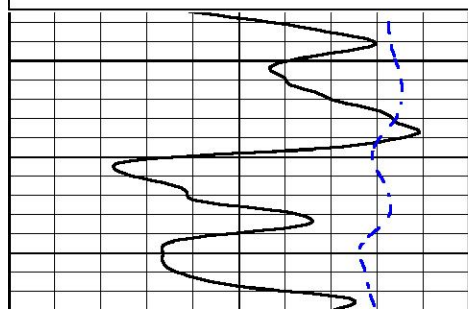
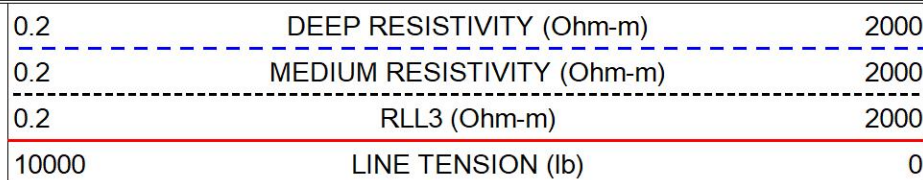
DETAIL SECTION

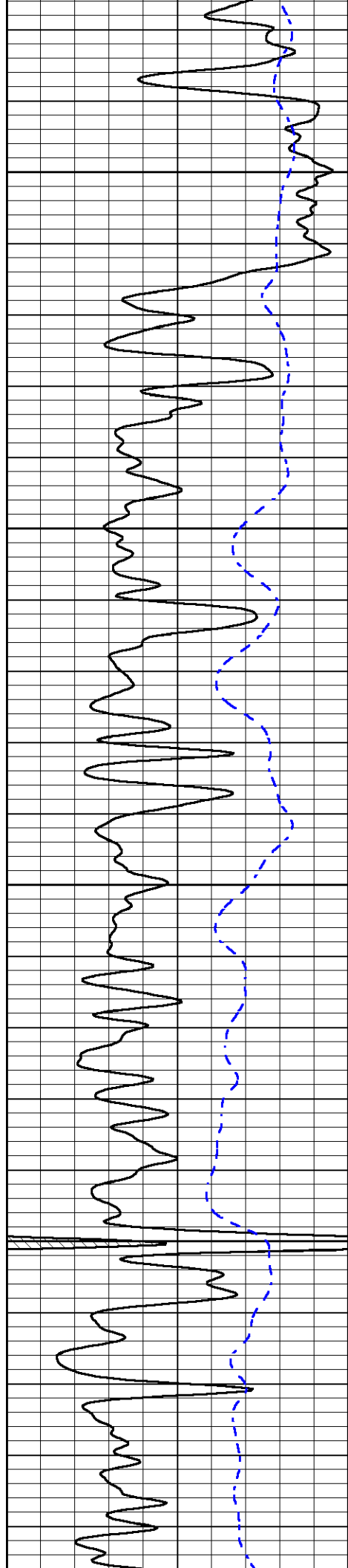
MAIN PASS

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 Presentation Format _dil
 Dataset Creation Mon Sep 20 14:25:03 2021
 Charted by Depth in Feet scaled 1:240



2900



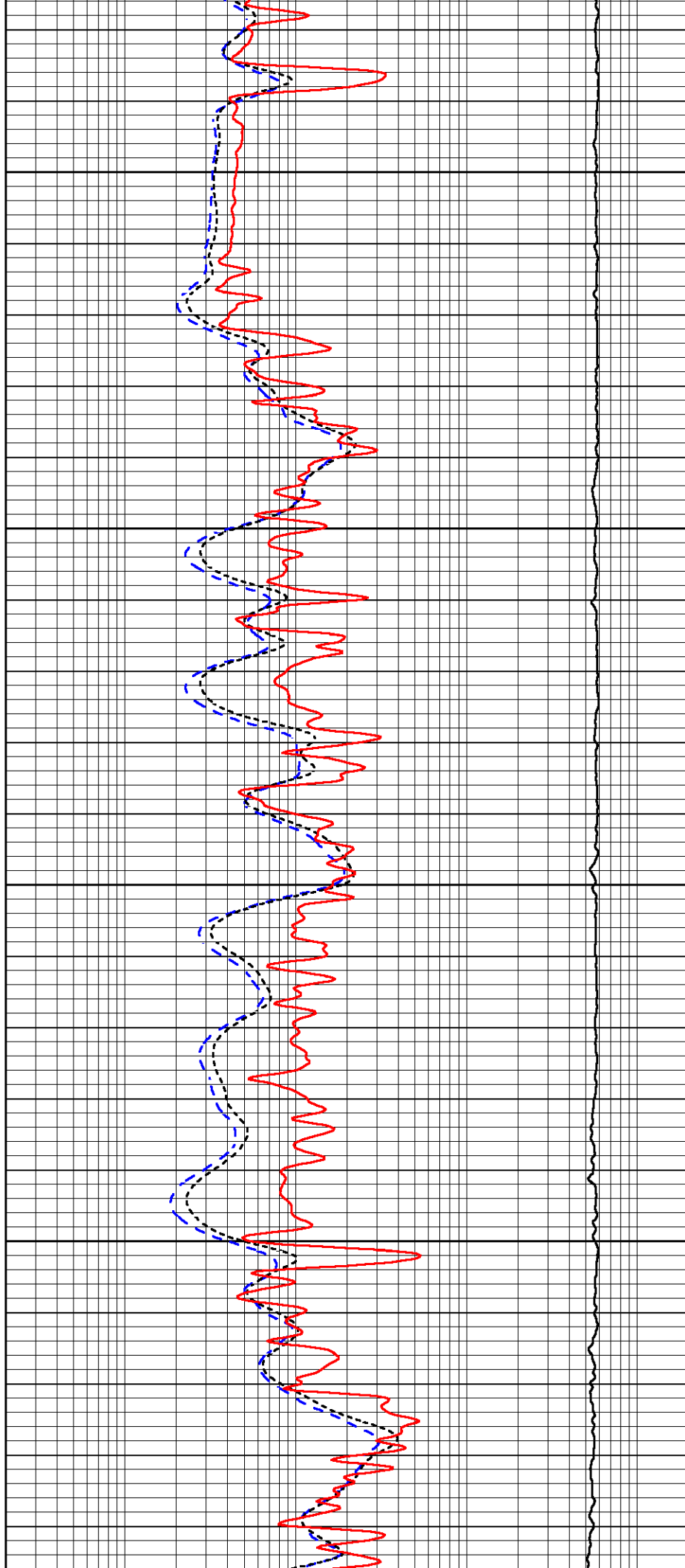


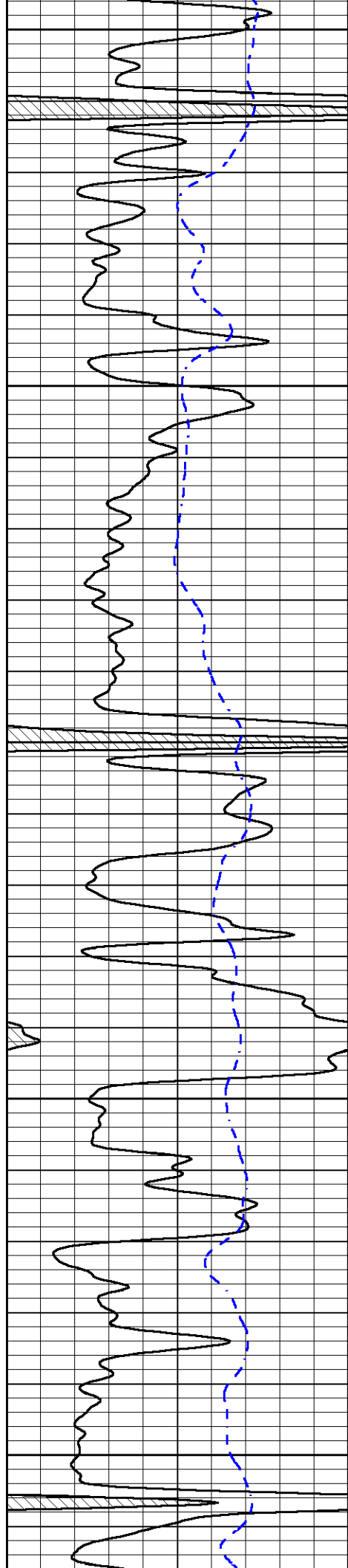
2950

3000

3050

3100





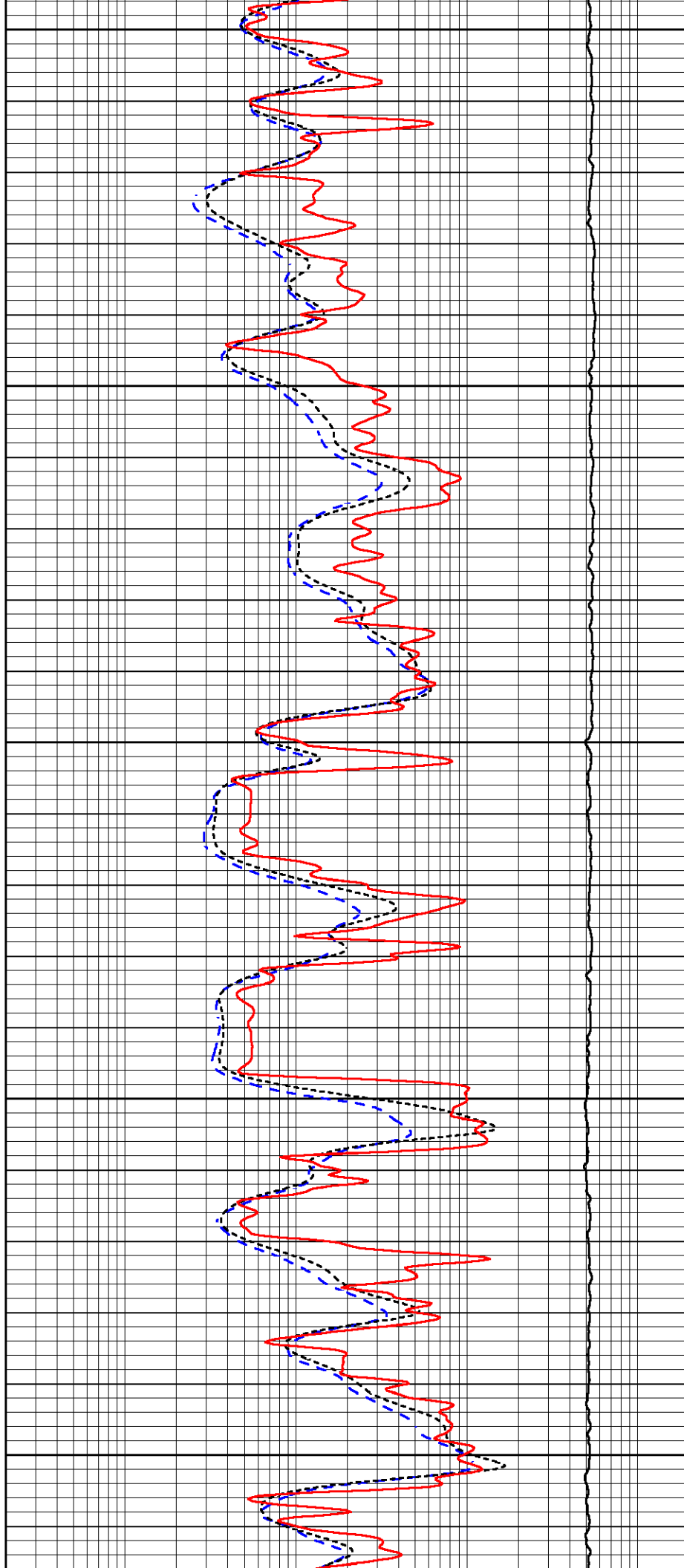
3150

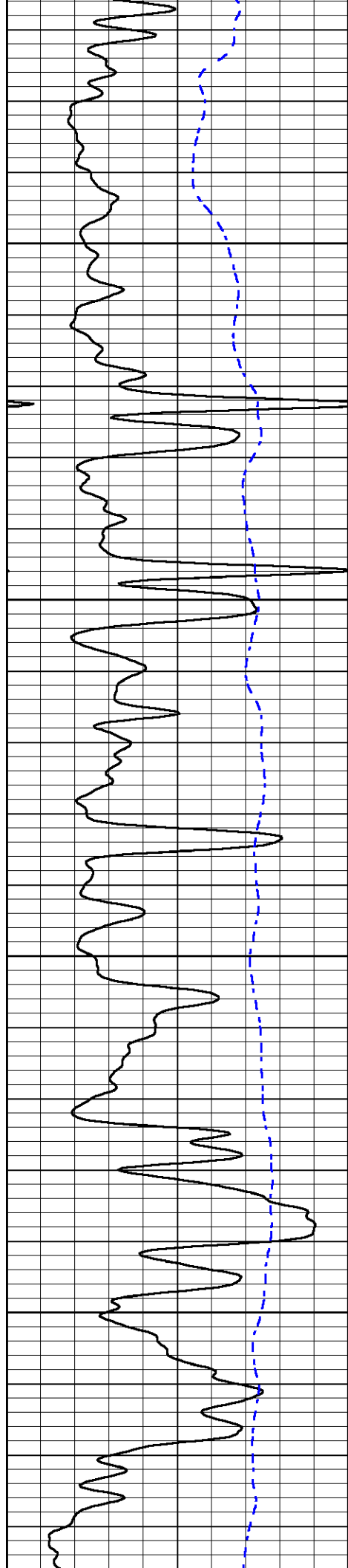
3200

3250

3300

3350



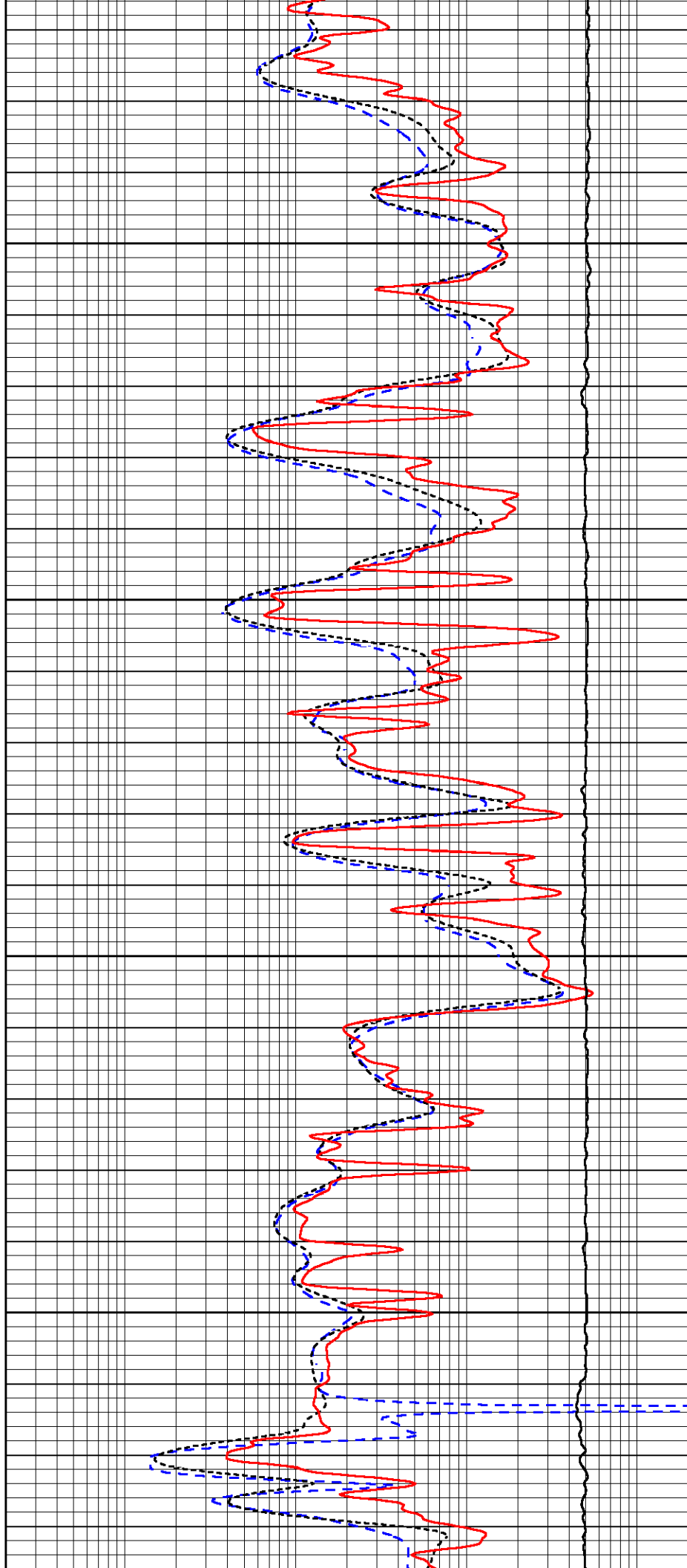


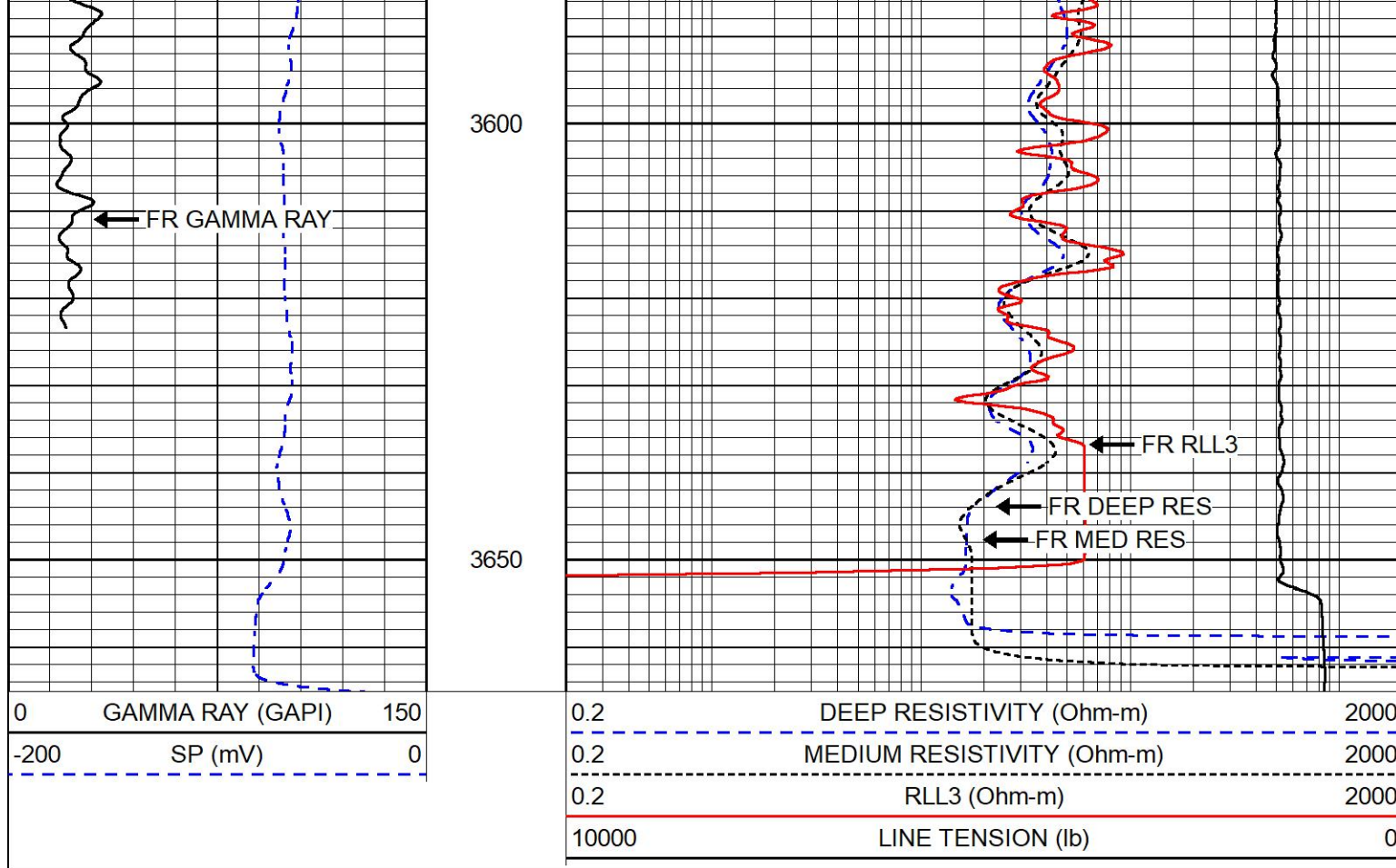
3400

3450

3500

3550

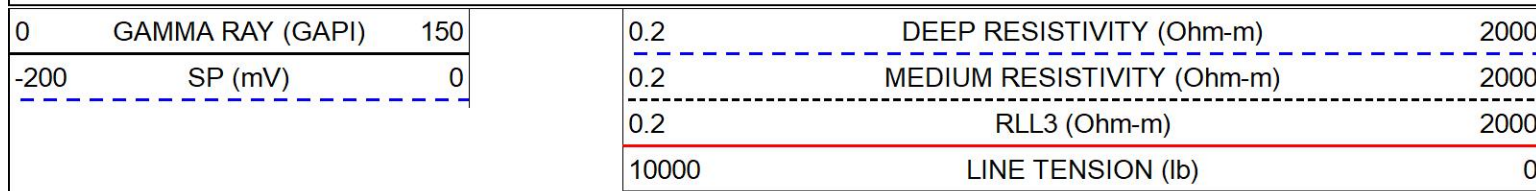


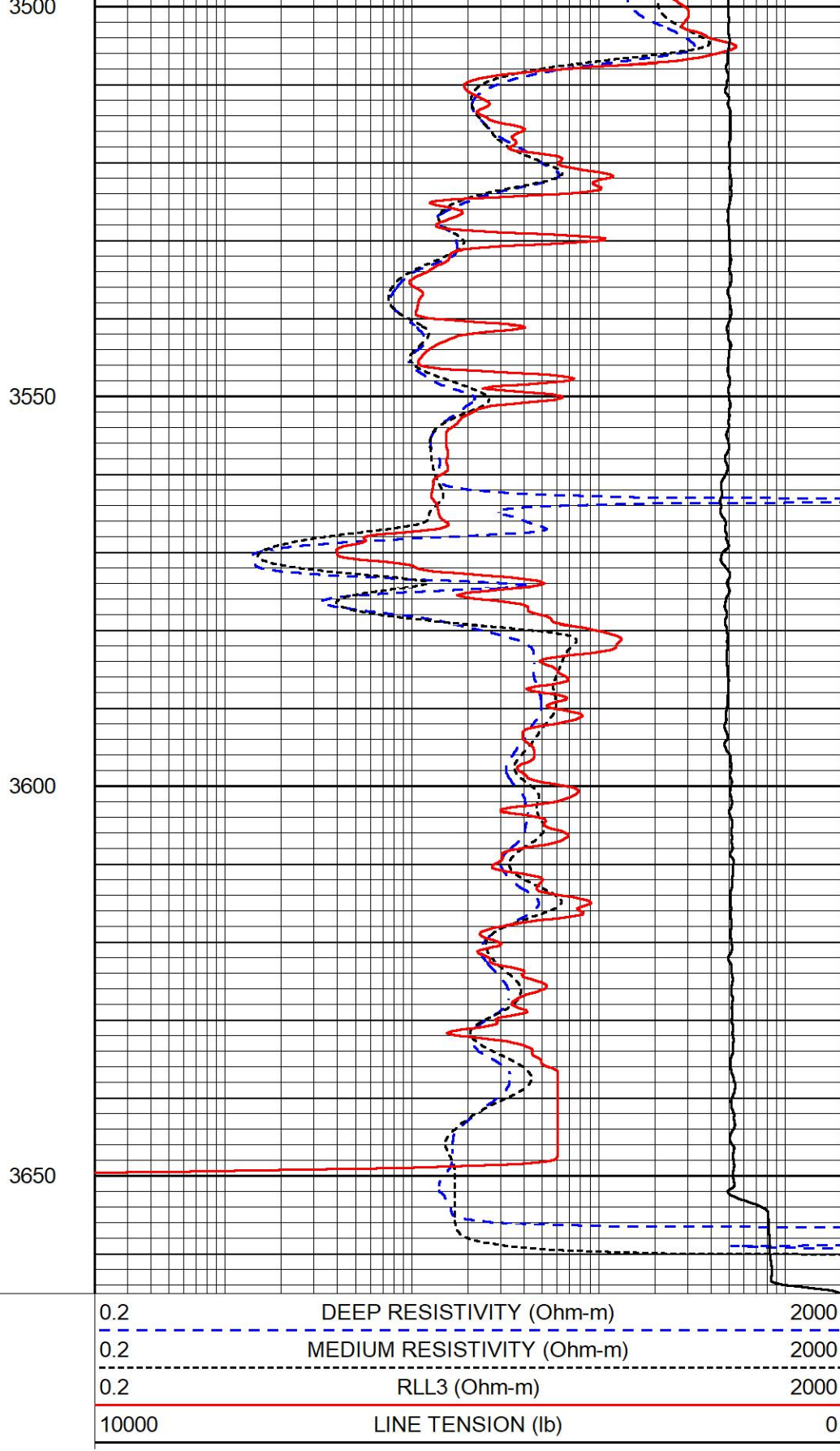
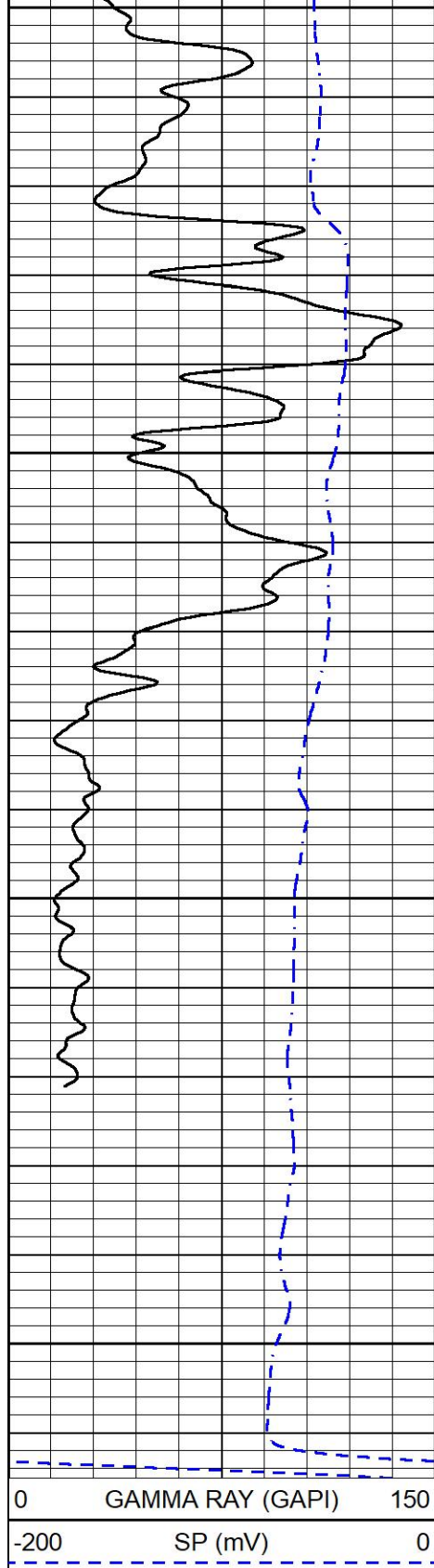


REPEAT SECTION

REPEAT PASS

Database File prospect_rein 1.db
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 Presentation Format _dil
 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

