



MIDWEST WIRELINE

MICRORESISTIVITY
LOG

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 DIL	
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	2900		
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		This Log Record Was Witnessed By	
Engineer: D. Schmidt		Primary Witness: Brad Hutchinson	
Operator:		Secondary Witness:	
Operator:		Secondary Witness:	
Operator:		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 in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	113	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	230	86	Off	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



MIDWEST WIRELINE

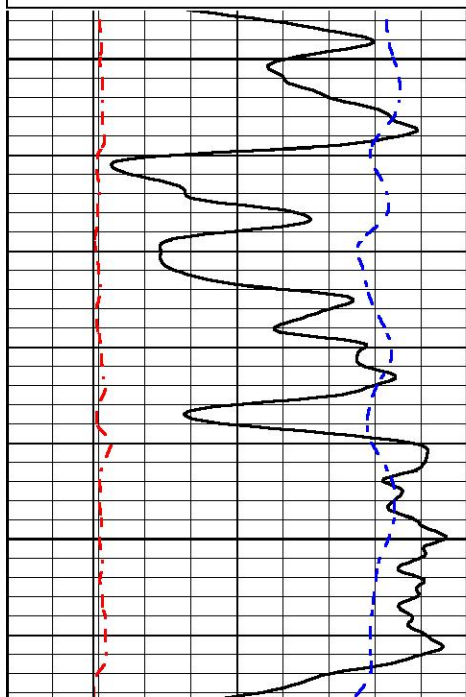
DETAIL SECTION

MAIN PASS

Database File prospect_rein 1.db
Dataset Pathname stkml/pass4.1
Presentation Format _micro
Dataset Creation Mon Sep 20 14:25:03 2021
Charted by Depth in Feet scaled 1:240

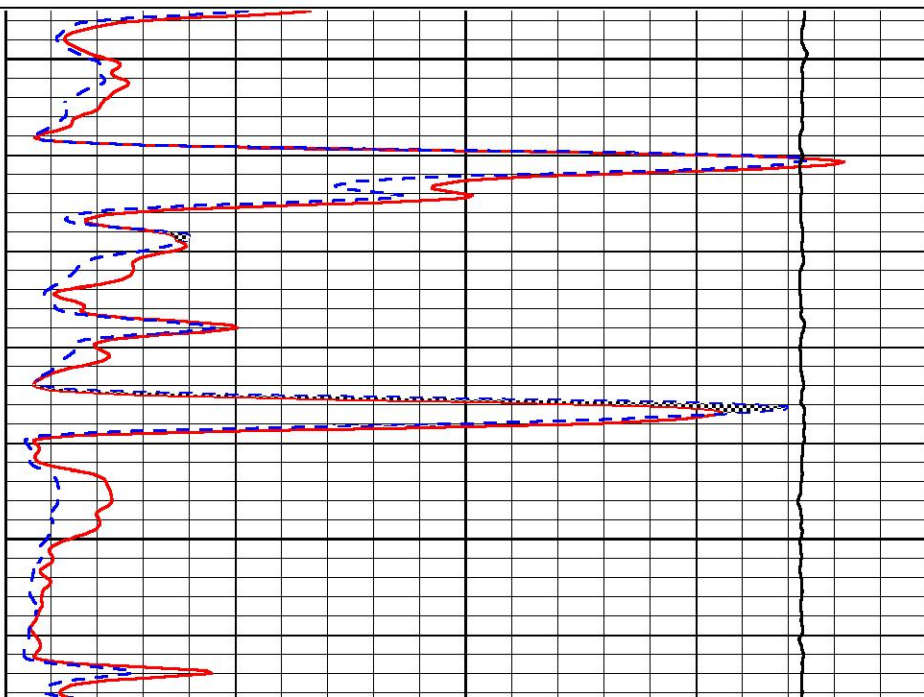
0	GAMMA RAY (GAPI)	150
6	MCAL (in)	16
6	Bit Size (in)	16
-200	sp (mV)	0

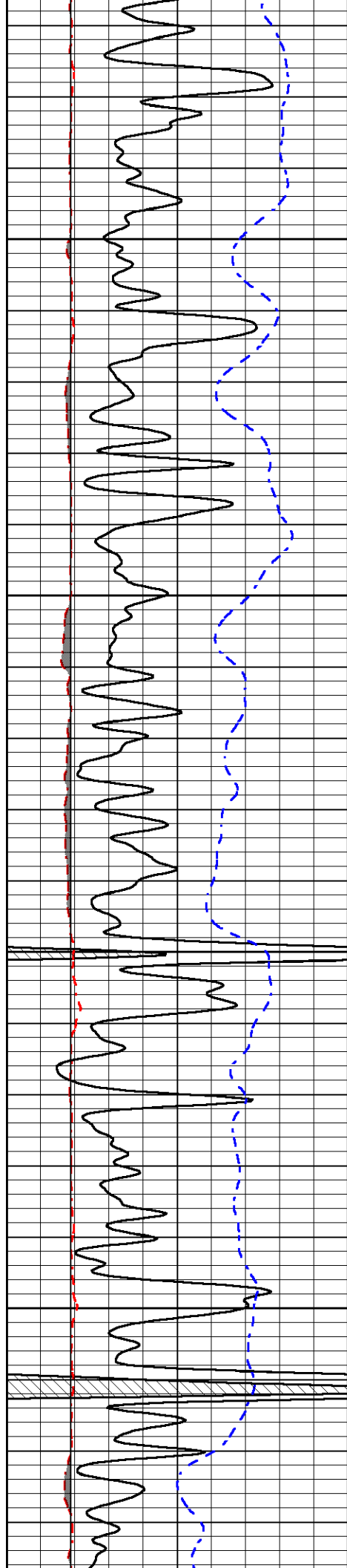
0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
10000	Line Weight (lb)	0



2900

2950



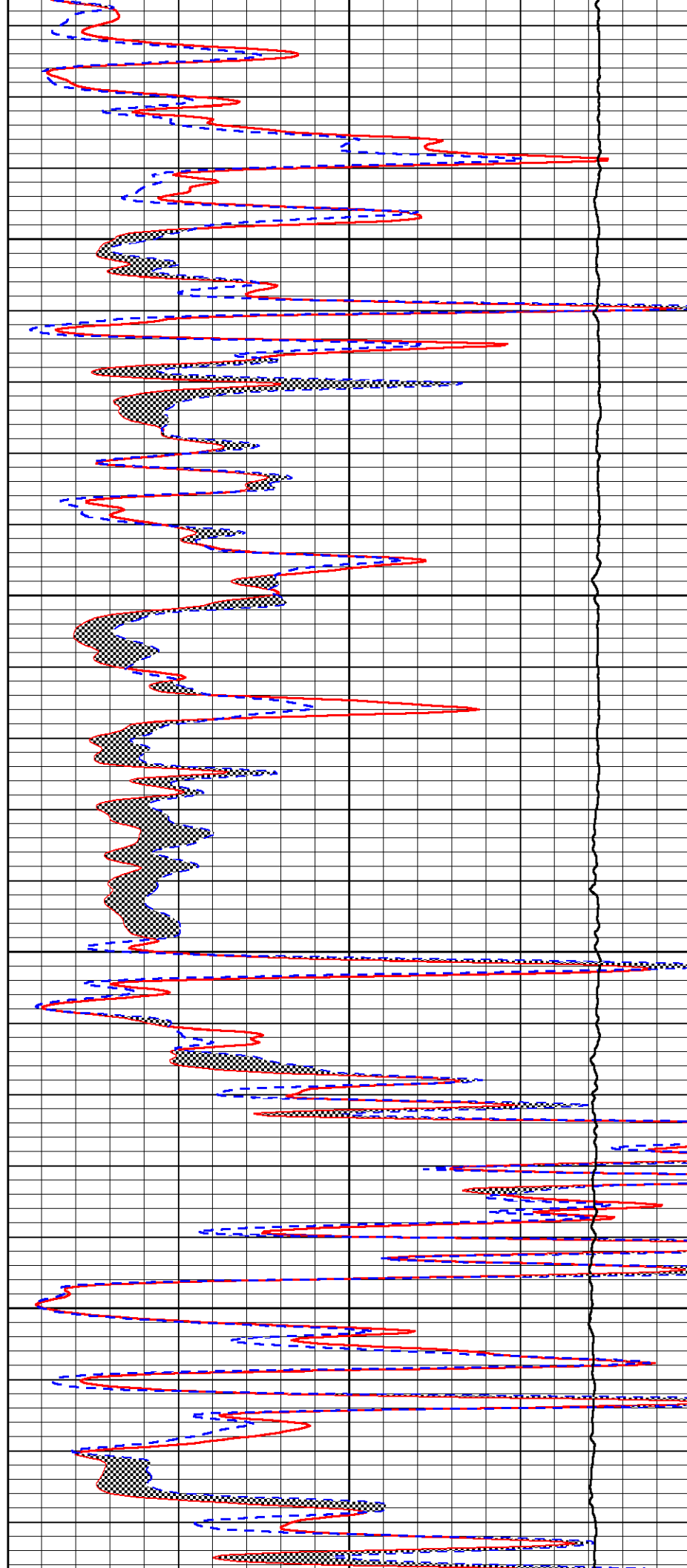


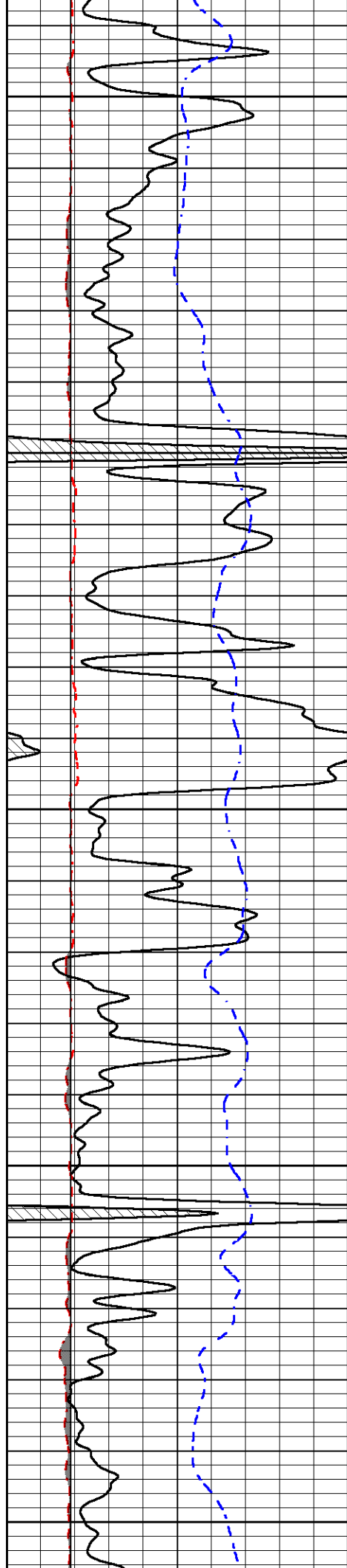
3000

3050

3100

3150





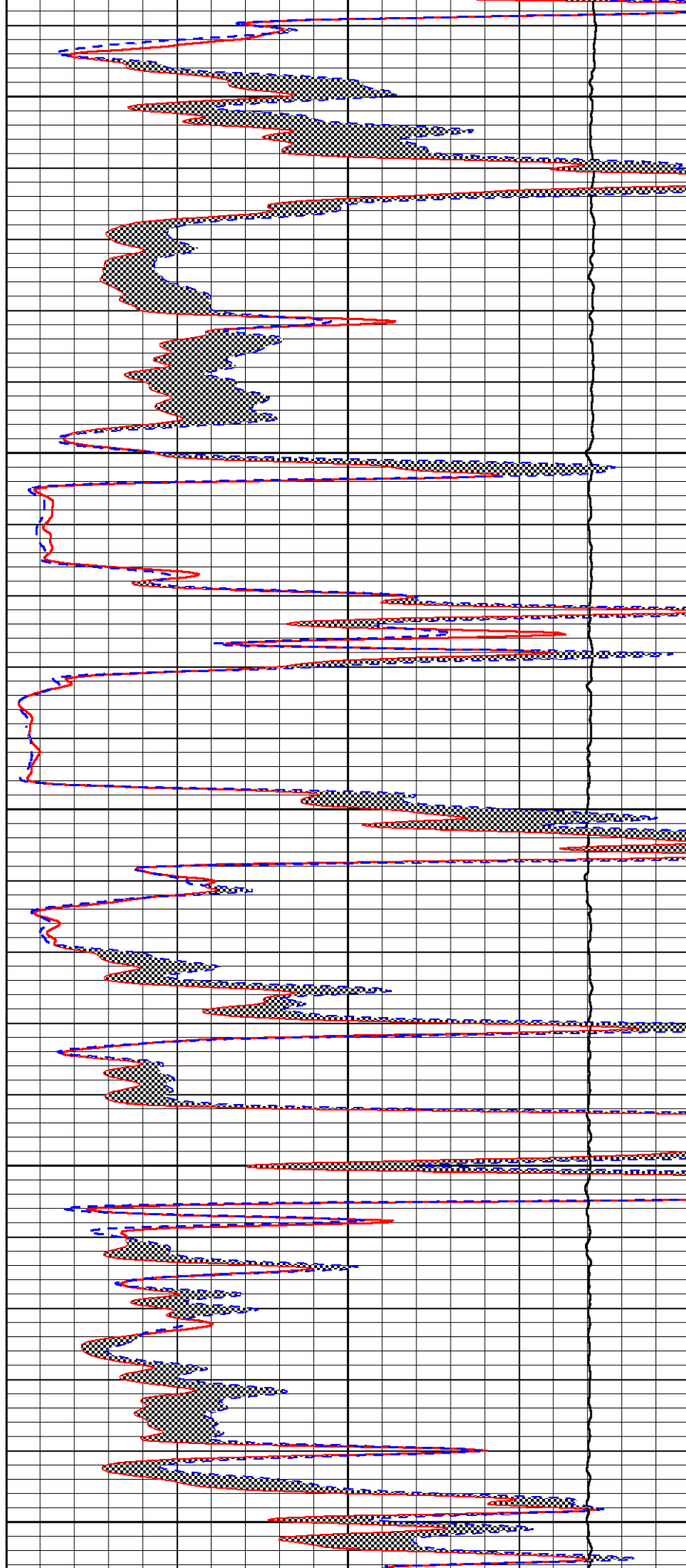
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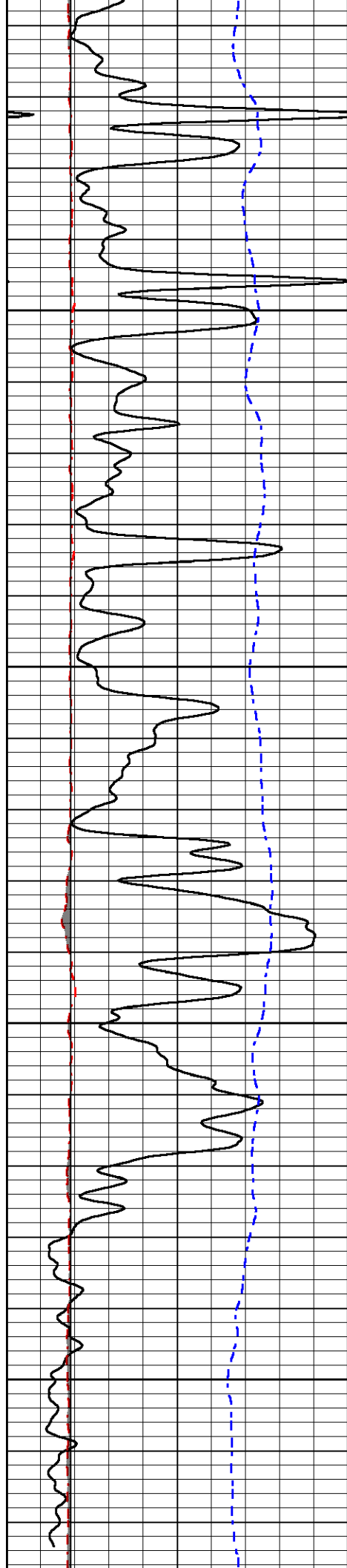
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3300

3350

3400



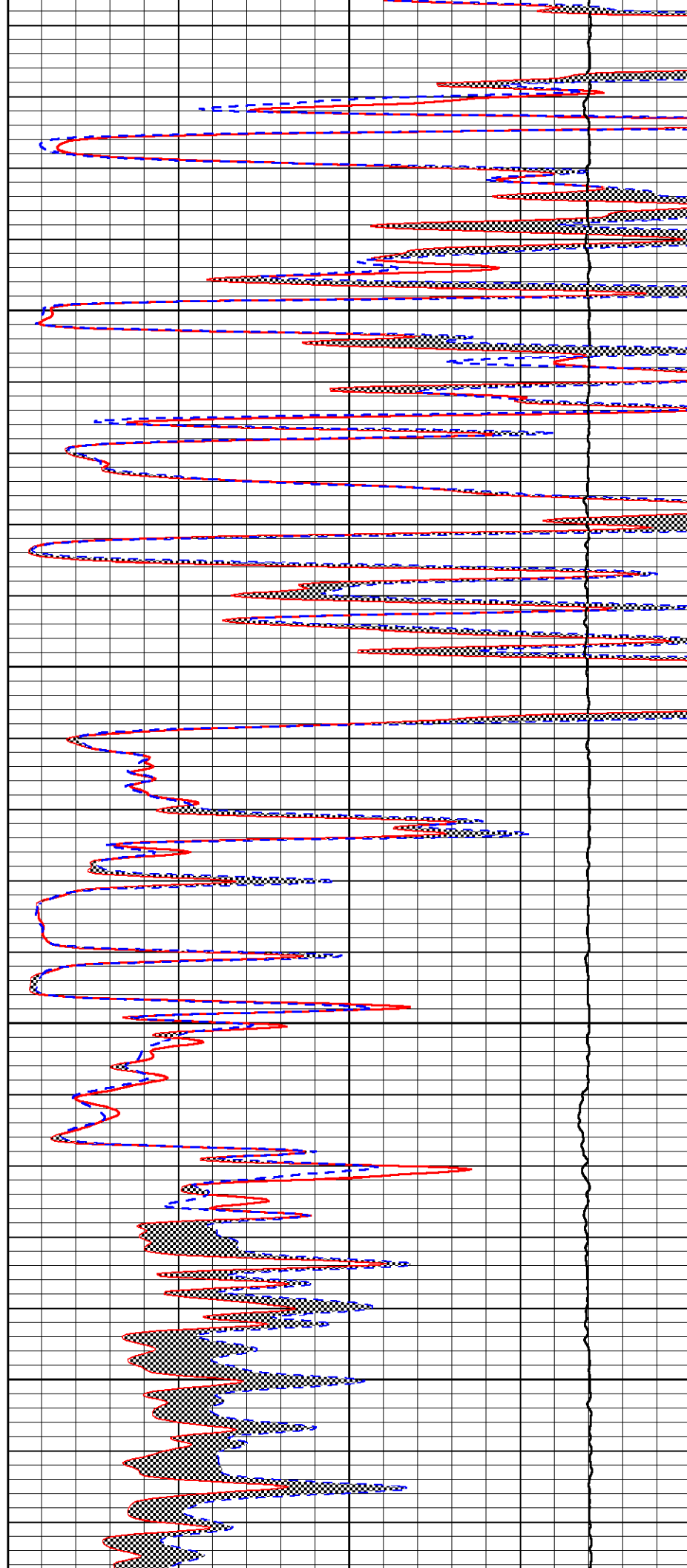


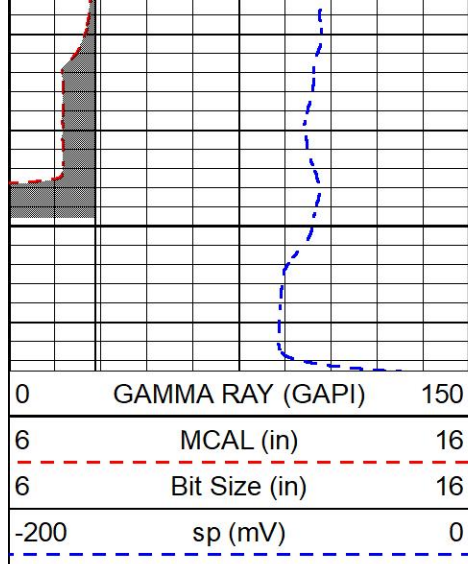
3450

3500

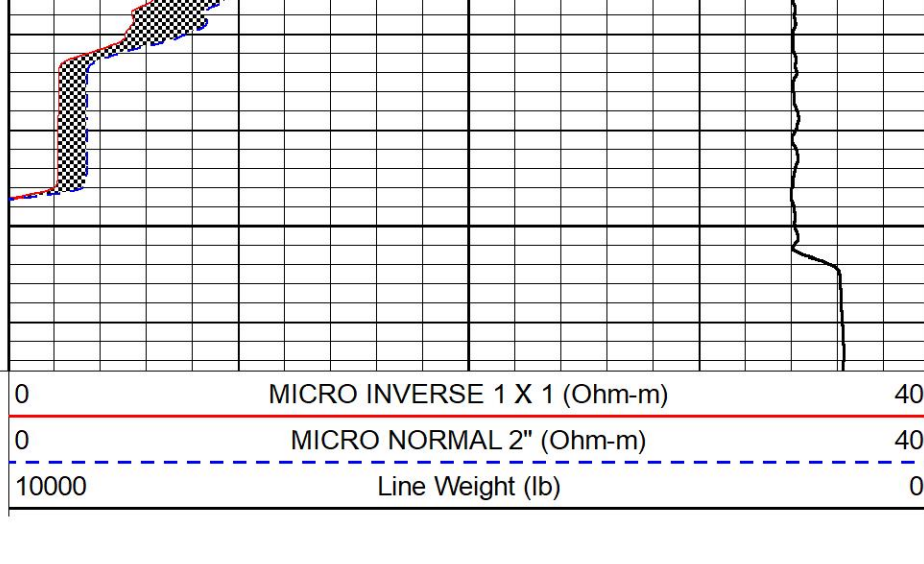
3550

3600





3650

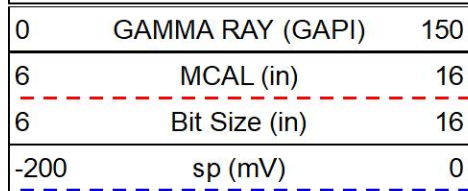


MIDWEST WIRELINE

REPEAT SECTION

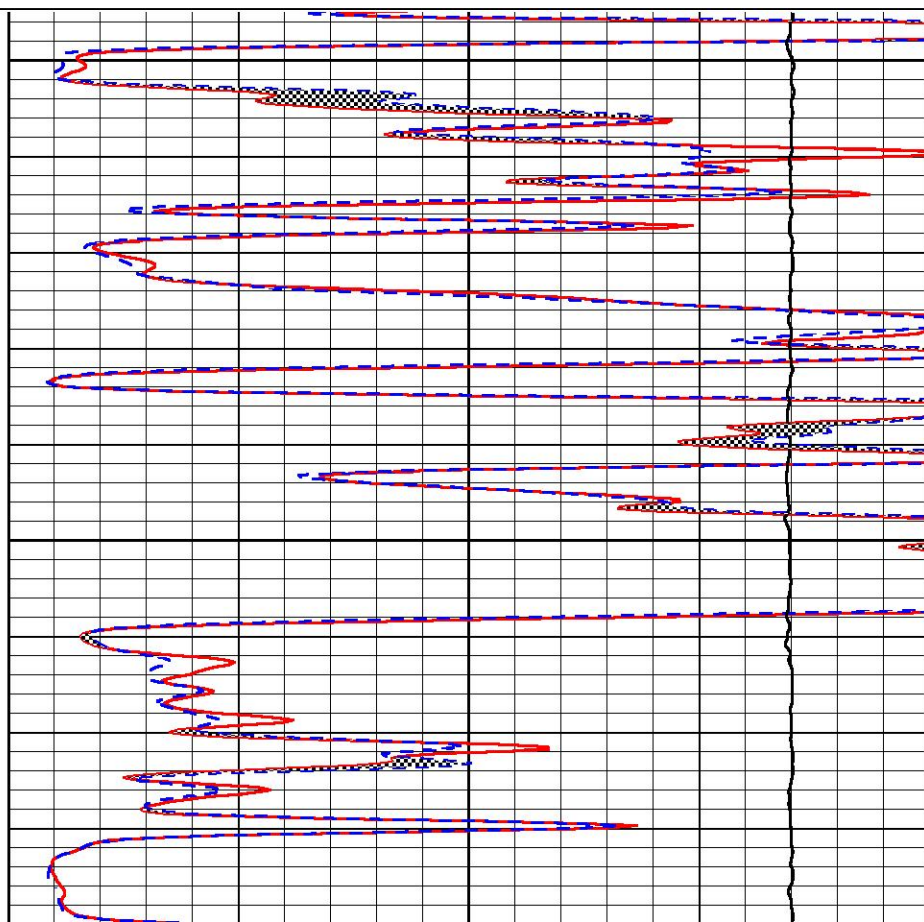
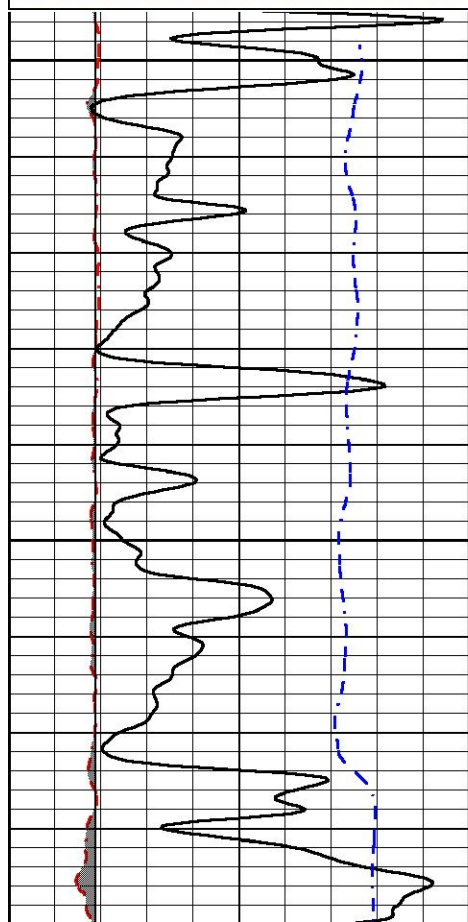
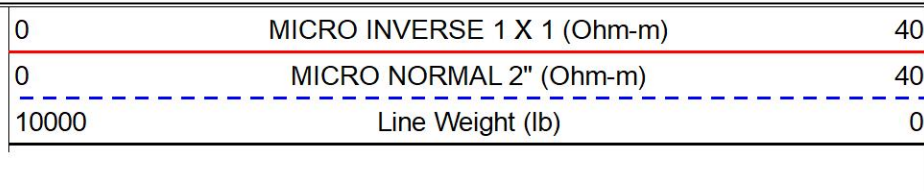
REPEAT PASS

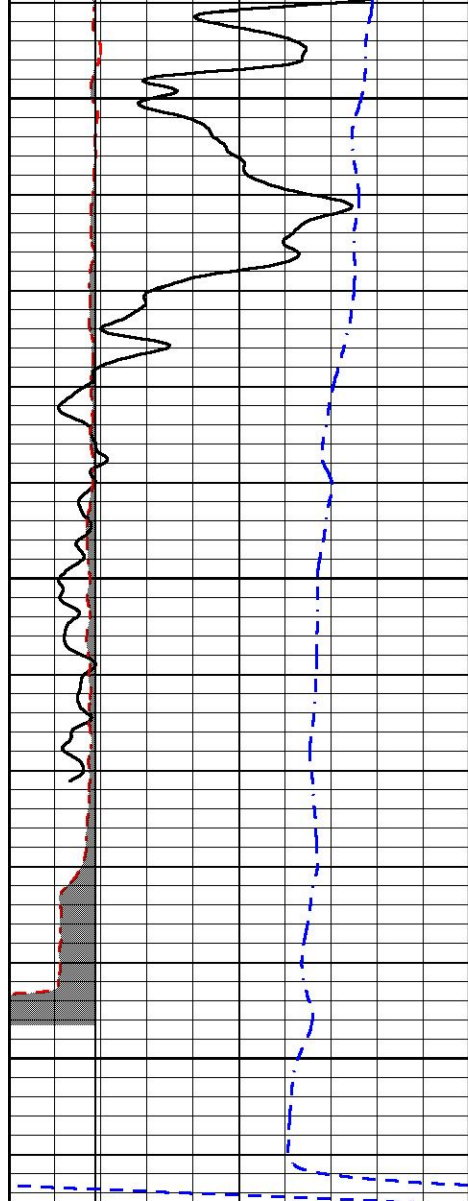
Database File prospect_rein 1.db
 Dataset Pathname stkml/pass3.1
 Presentation Format _micro
 Dataset Creation Mon Sep 20 14:19:30 2021
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3450

3500



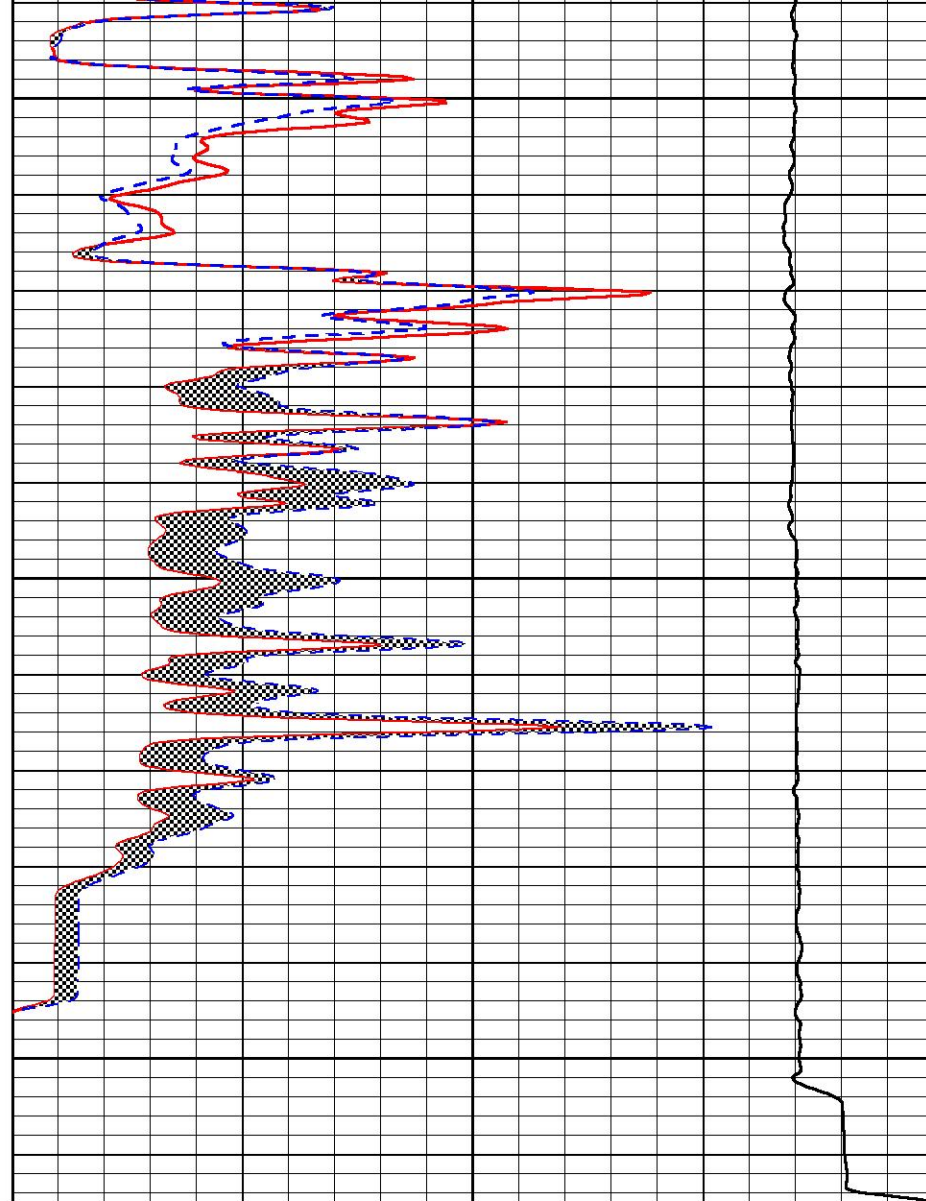


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 Field Wheatland South
 County Ellis
 State Kansas