KAN-PERF WIRELINE, LLC

RADIAL BOND LOG
WITH GAMMA RAY

Comp. NEC OPERATING - KANSAS, LLC.
Well WRANGLER #6
Field SHAW CREEK
Co. TREGO
State KANSAS

Company	**NEC OPERATING - KANSAS, LLC.**
Well	**WRANGLER #6**
Field	**SHAW CREEK**
County	**TREGO** State **KANSAS**

Location: API # : 15-195-23159-0000

600' FNL & 400' FWL
SE - NW - NW- NW

SEC 4 TWP 12S RGE 22W

Other Services

MAST TRAILER

Permanent Datum GROUND LEVEL Elevation 2405'
Log Measured From KB 7' Above Perm. Datum
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2412'
D.F. 2410'
G.L. 2405'

Date of Service	7/6/2023		
Run Number	ONE		
Depth Driller or PBTD	4250'		
Depth Logger	4210'		
Bottom Log Interval	4208'		
Top Log Interval	2550'		
Open Hole Size	7.875"		
Type Fluid	WATER		
Fluid Level	170'		
Fluid Density	N/A		
Max. Recorded Temperature	118 DEG. F.		
Max. Wellhead Pressure	00 PSI		
Wellhead Connection	OPEN		
Estimated Cement Top	2660'		
Unit Number	T-1		
Wireline Size	.288"		
Location	ELLIS, KANSAS		
Recorded By	M. HISS		
Witnessed By	KEATON JONES		

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	8.625"	24#	00	306'
Production Casing	5.5"	15.5#	00'	TD
Liner Record				

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

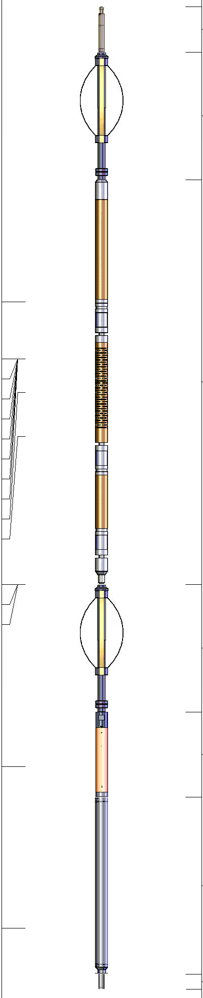
N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
OGALLAH KANSAS AND I-70 EXIT,
NORTH 3 MILES TO RD H, WEST 2 MILES TO RD 310, NORTH 3/4 MILE,
EAST INTO.

THANK YOU FOR USING KAN-PERF WIRELINE, LLC!

Your Kan-Perf Wireline Crew

Engineer: M. HISS
Operator: J. HENRICKSON
Operator:
Operator:

Tool Data - Services	Serial Number



Sensor	Offset (ft)
TEMP	15.50
WVFS8	14.20
WVFS7	14.20
WVFS6	14.20
WVFS5	14.20
WVFS4	14.20
WVFS3	14.20
WVFS2	14.20
WVFS1	14.20
WVF3FT	13.45
WVF5FT	12.45
WVFSYNC	9.12
WVFTEMP	9.12
WVFCAL	9.12
CCL	5.02
GR	1.37

Description	Length (ft)	O.D. (in)	Weight (lb
Cable Head-Titan_144 1 7/16" Titan Cable Head	1.03	1.44	2.00
Centralizer-275 TekCo 2 3/4" TekCo Centralizer	2.88	2.75	20.00
TekCo-SCBL-275-275 TekCo w Temp (ICIV7-01) TekCo 2 3/4" Sector Tool with Temperature	9.13	2.75	102.00
Centralizer-275 TekCo 2 3/4" TekCo Centralizer	2.88	2.75	20.00
CCL_Logging-275 TekCo_2 (TekCo-275) 2 3/4"	1.92	2.75	15.00
GR-275 TekCo (TekCo-275) TekCo 2 3/4" 400 Deg. F Logging Gamma Ray	4.00	2.75	40.00
Bullnose-Titan GO Pin Pressure Cap	0.33	1.38	1.00

Dataset:	nec_wrangler_#6_scbl.db: field/well/run1/pass4.1
Total length:	22.15 ft
Total weight:	200.00 lb
O.D.:	2.75 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\nec_wrangler_#6_scbl.db
Dataset field/well/run1/pass4.1/_vars_

Top - Bottom

BHTEMP_Src	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV
TEMP	7.875	118	5.5	0.275	15.5	0	1

MINATTN db/ft	PERFS	PPT usec	SRFTEMP degF	TDEPTH ft
0.08	No	0	70	4209

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude
MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation
PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

KAN-PERF WIRELINE, LLC

MAIN LOG

PORT COLLAR @ 2017'

Database File	nec_wrangler_#6_scbl.db
Dataset Pathname	pass5
Presentation Format	pinr_scbl
Dataset Creation	Thu Jul 06 12:18:58 2023
Charted by	Depth in Feet scaled 1:240

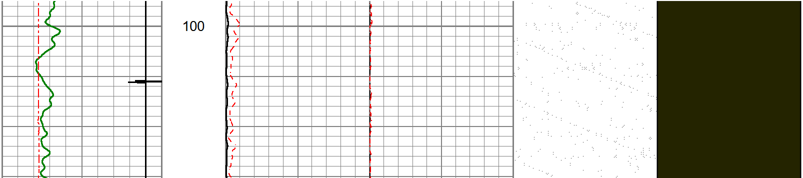
3Ft Travel Time
600 (usec) 170
-9 Collar Locator 1
Gamma Ray
0 (cps) 150
0 LineTension (lb)2000

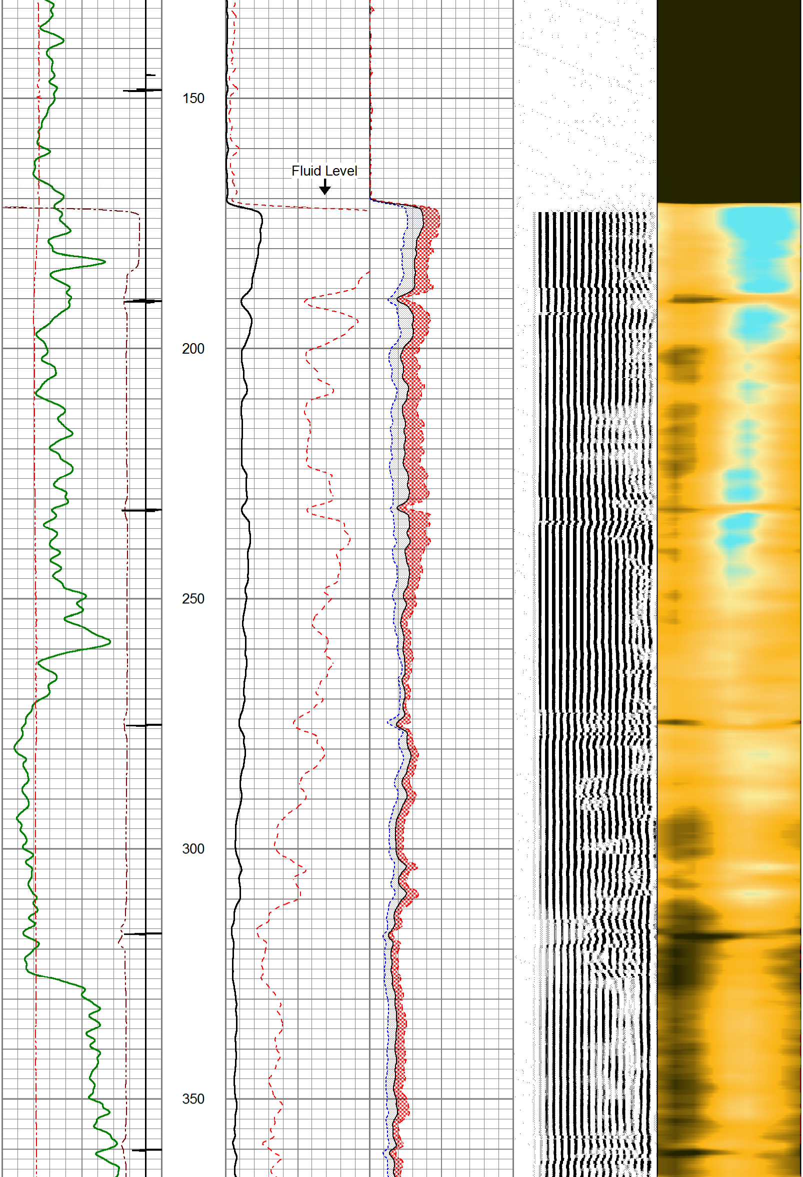
3' Amplitude
0 (mV) 100
3' Amplified Amplitude X 5
0 (mV) 20

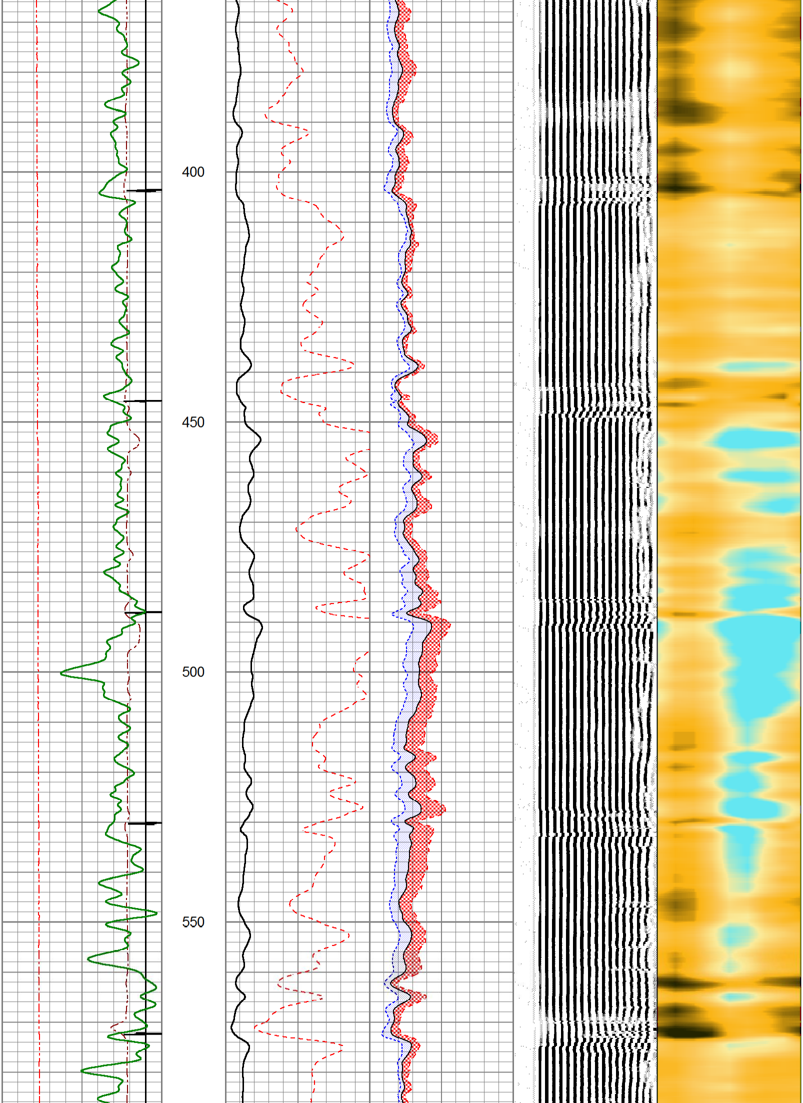
Sector Amplitude Average
0 150
Sector Amplitude Maximum
0 150
Sector Amplitude Minimum
0 150

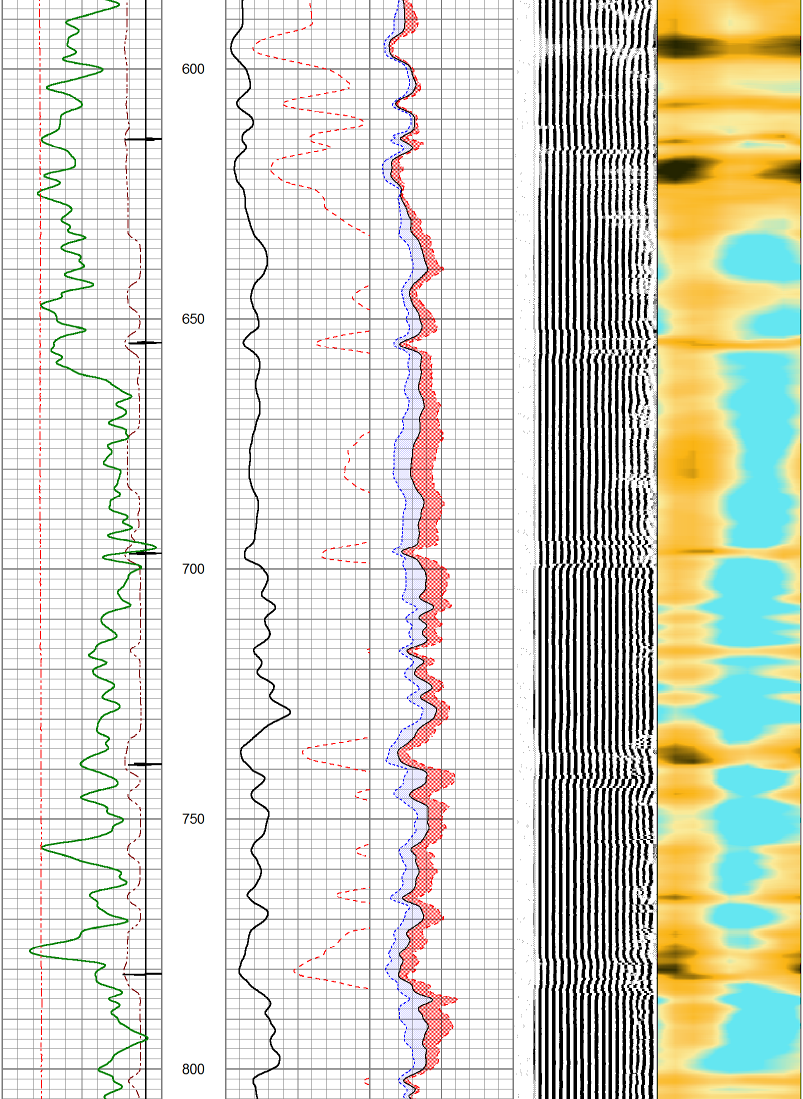
200 VDL (usec) 1200

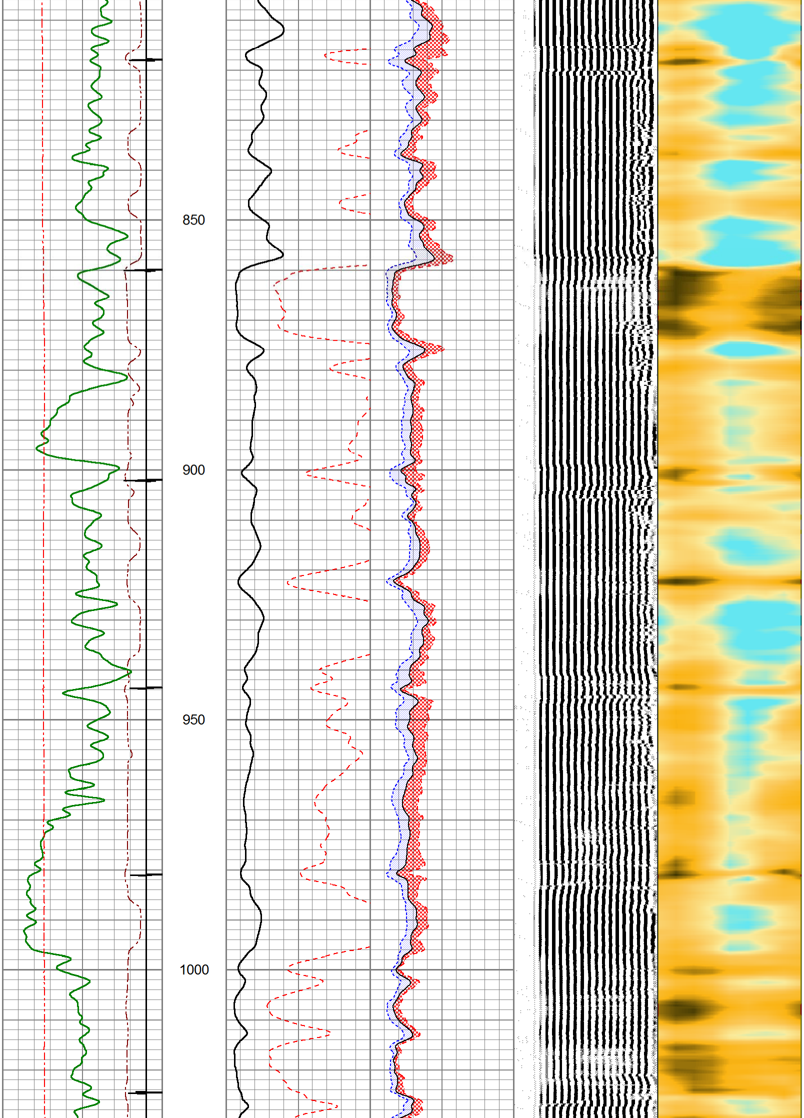
1 Sector Map 8

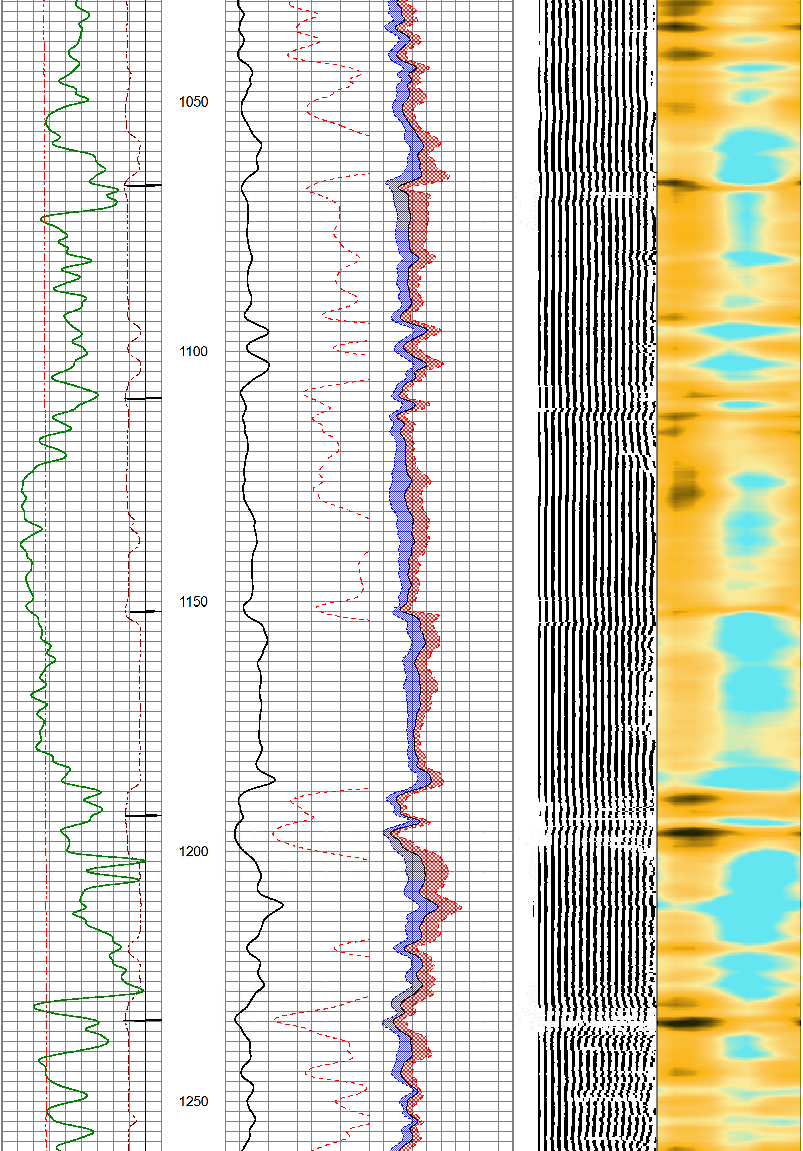


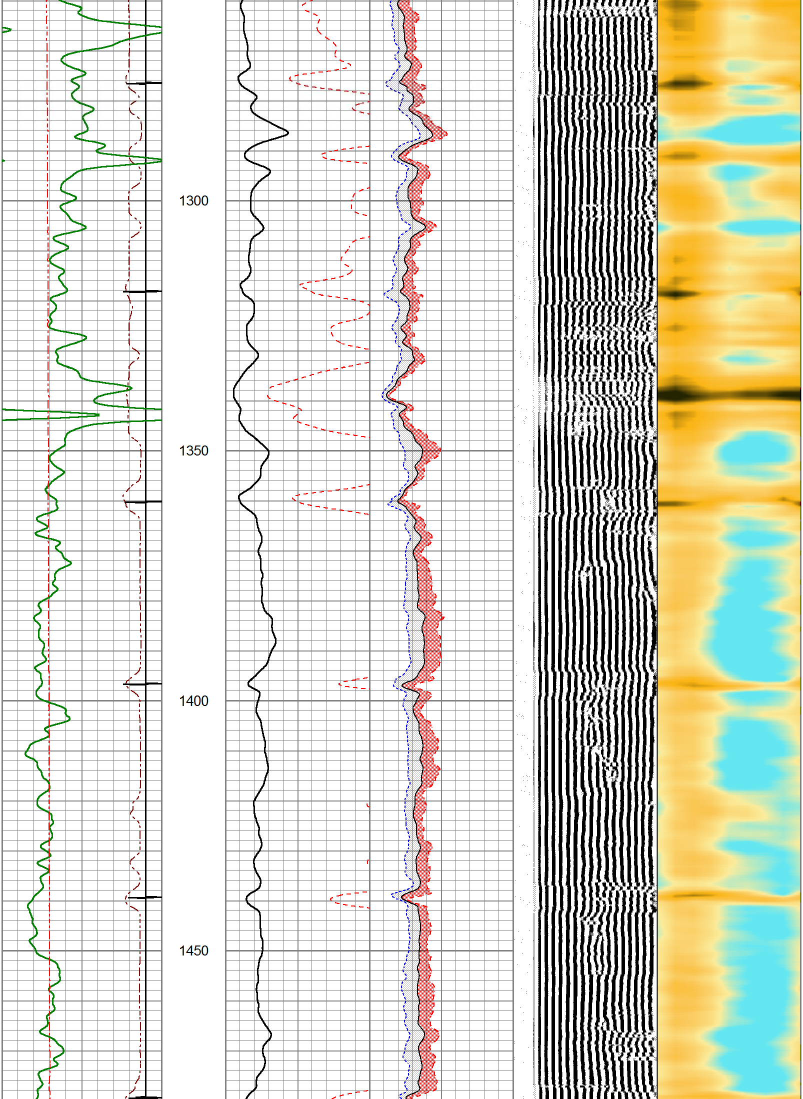


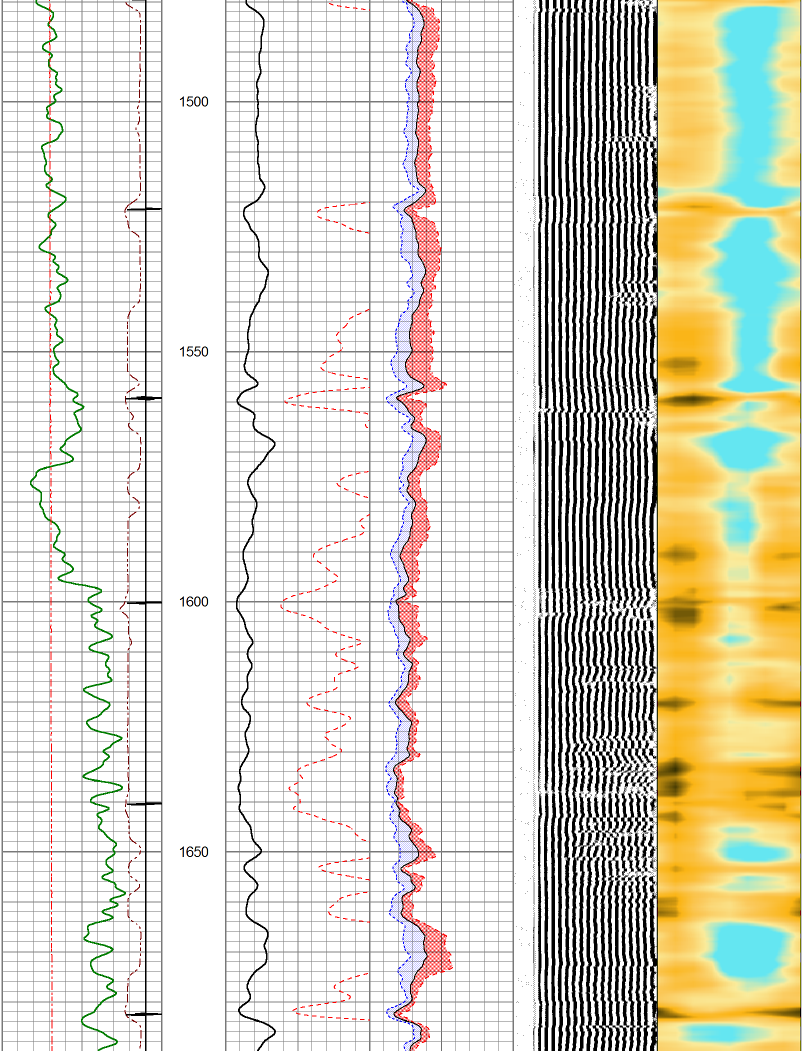


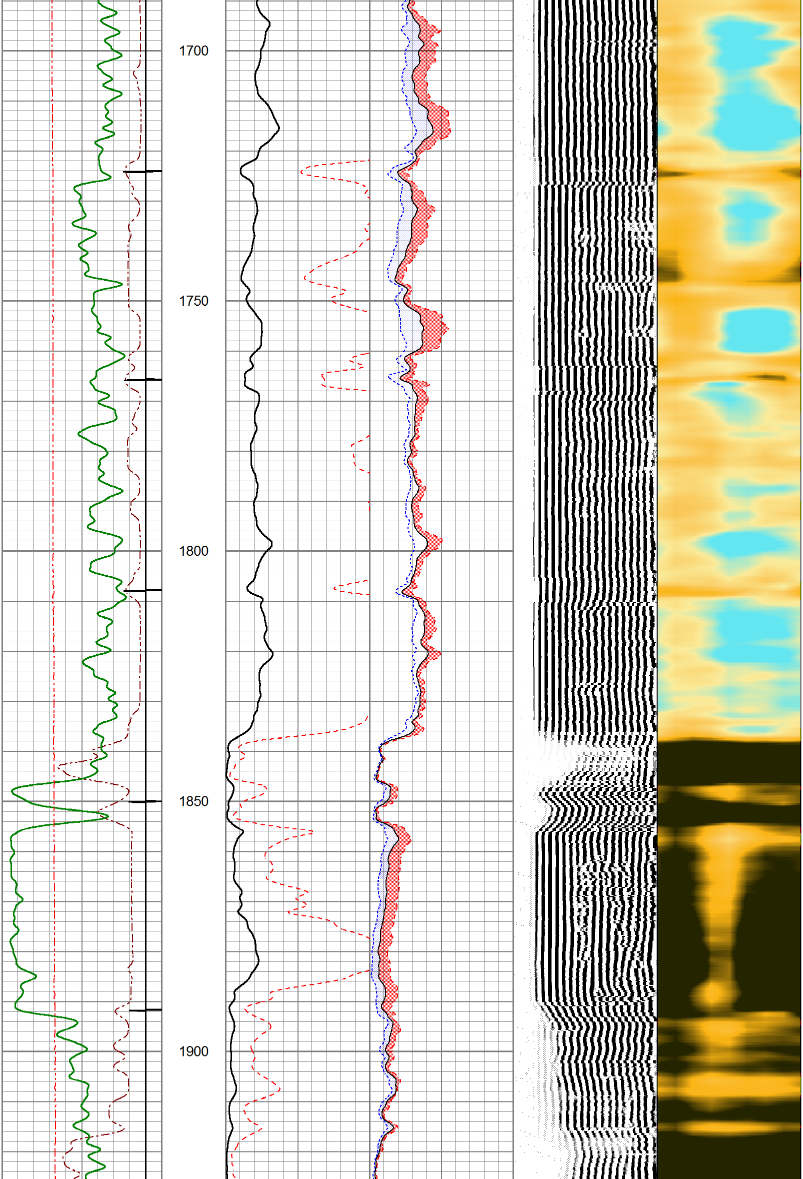


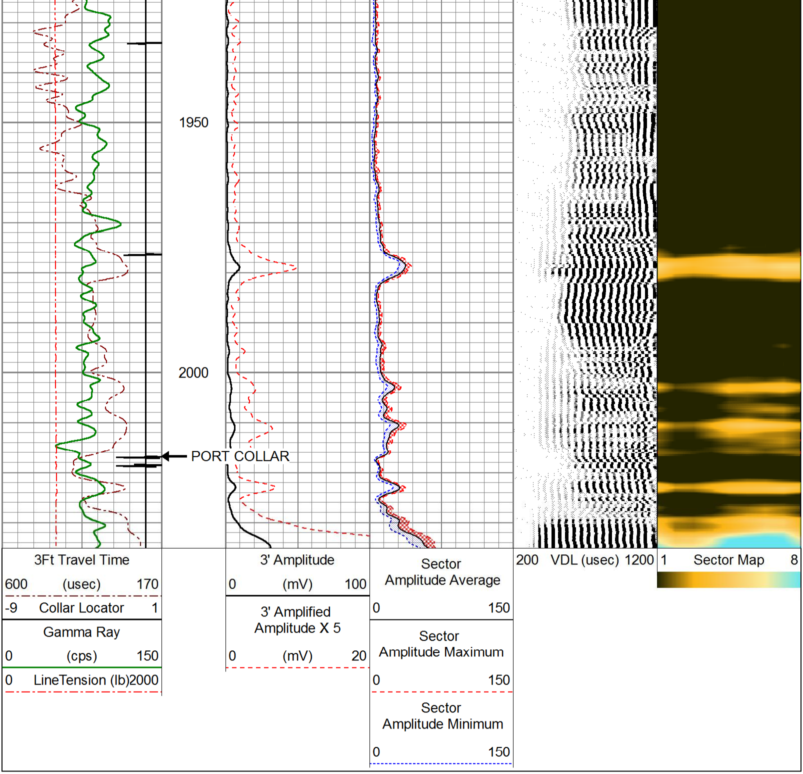












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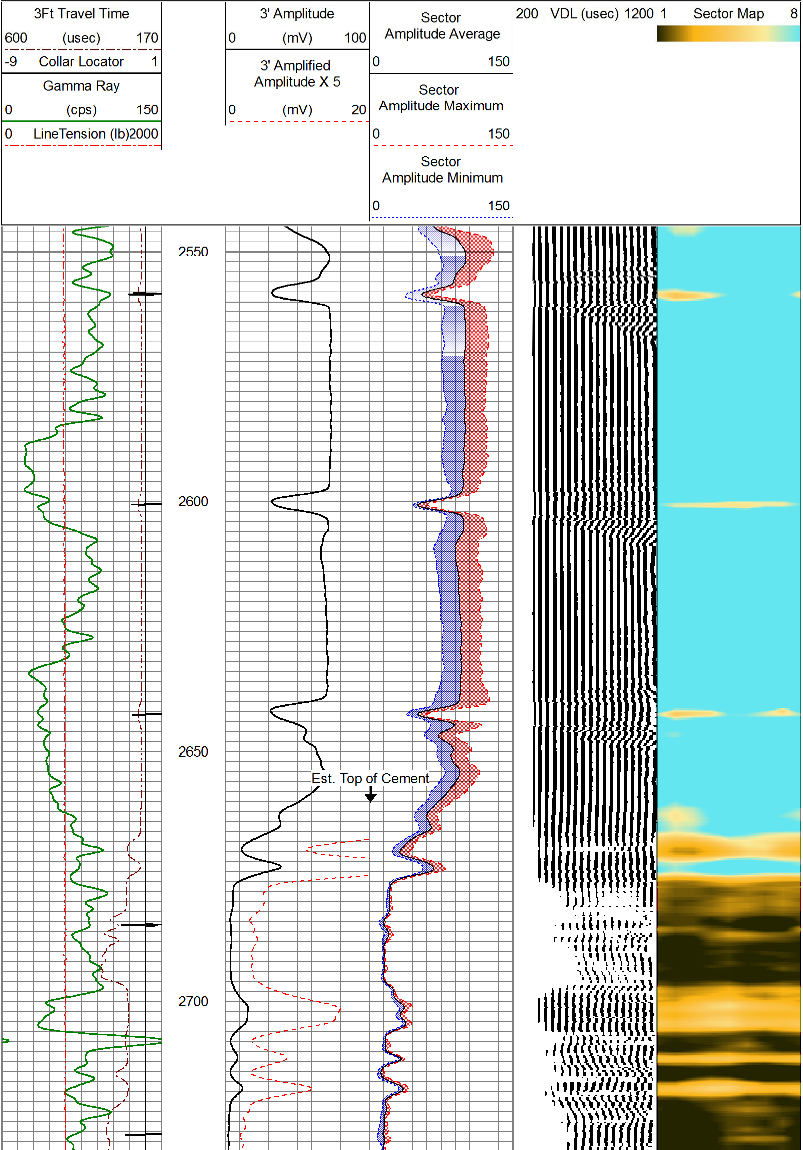
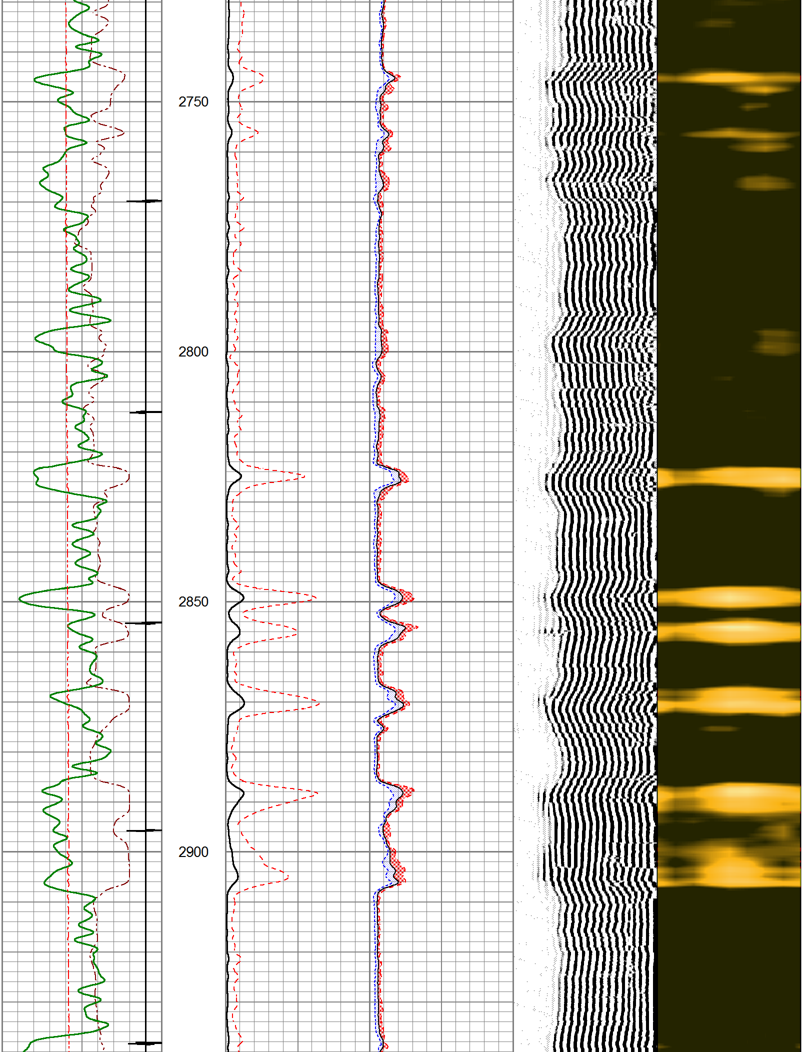
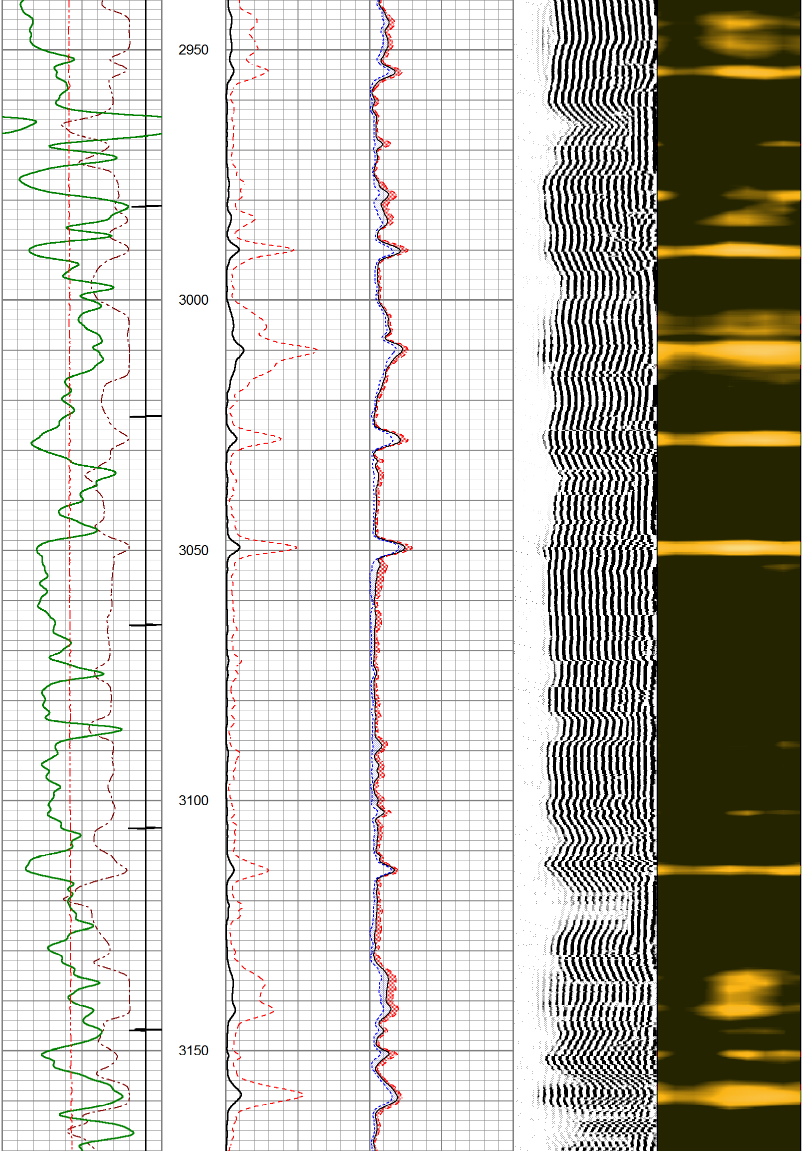
MAIN LOG

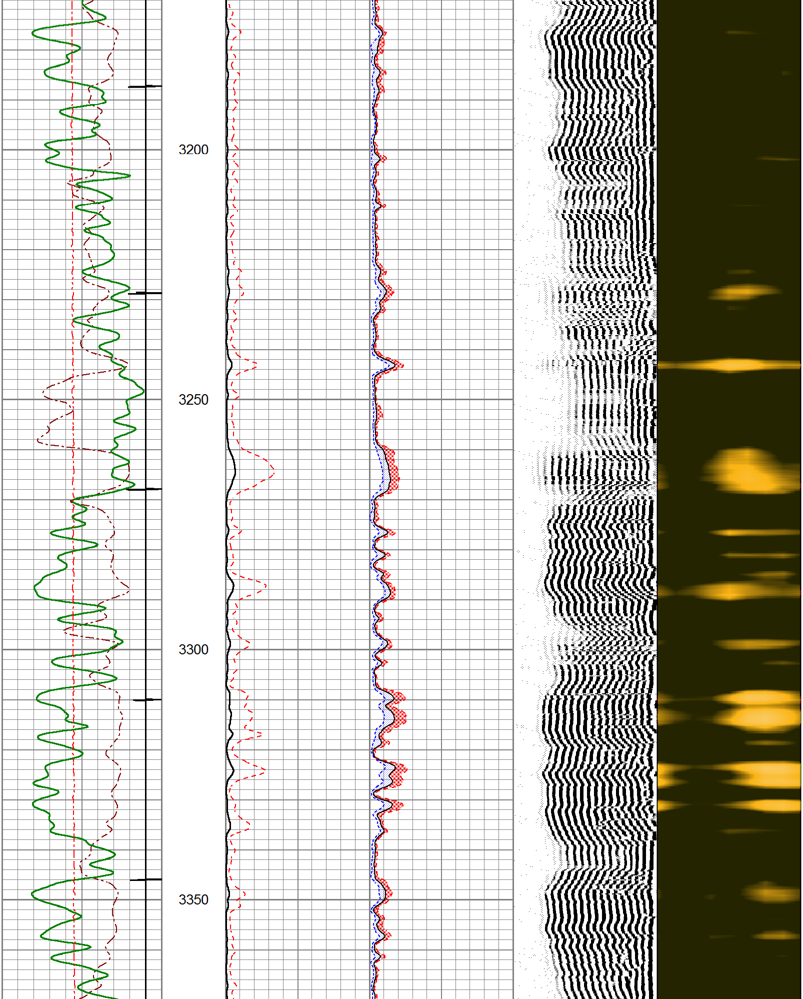
ZERO PSI APPLIED AT SURFACE

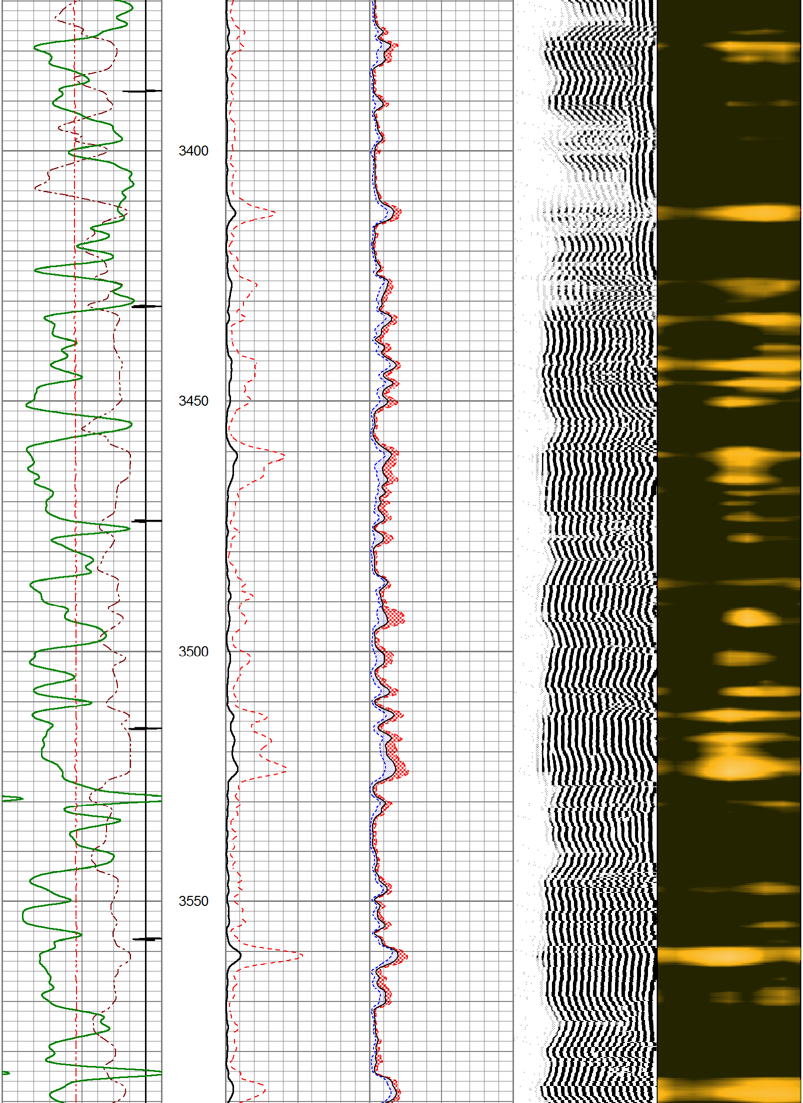
Database File	nec_wrangler_#6_scbl.db
Dataset Pathname	pass4.1
Presentation Format	pinr_scbl
Dataset Creation	Thu Jul 06 12:29:17 2023
Charted by	Depth in Feet scaled 1:240

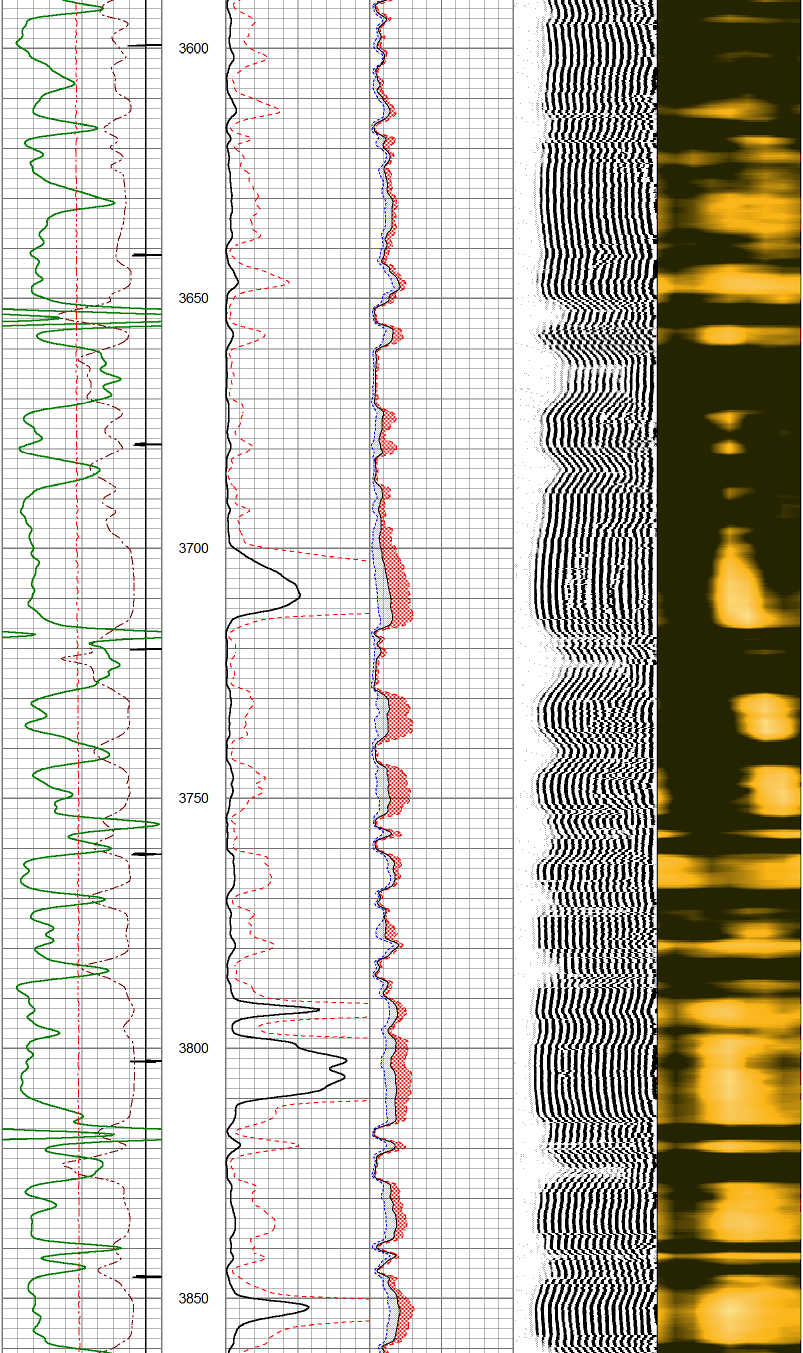


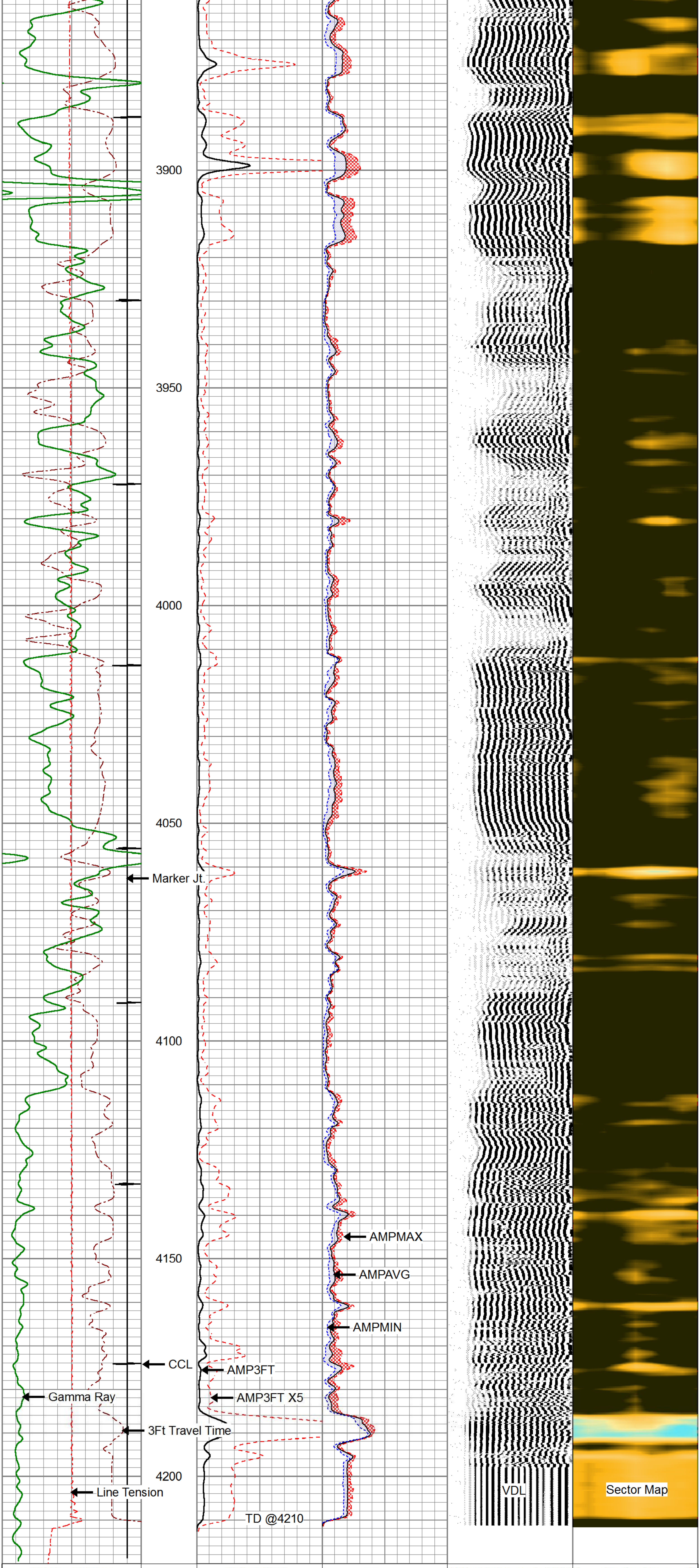












3Ft Travel Time	3' Amplitude	Sector Amplitude Average	200 VDL (usec) 1200	1 Sector Map 8
600 (usec) 170	0 (mV) 100	0 150		
-9 Collar Locator 1	3' Amplified Amplitude X 5	Sector Amplitude Maximum		
Gamma Ray	0 (mV) 20	0 150		
0 (cps) 150		Sector Amplitude Minimum		
0 LineTension (lb)2000		0 150		

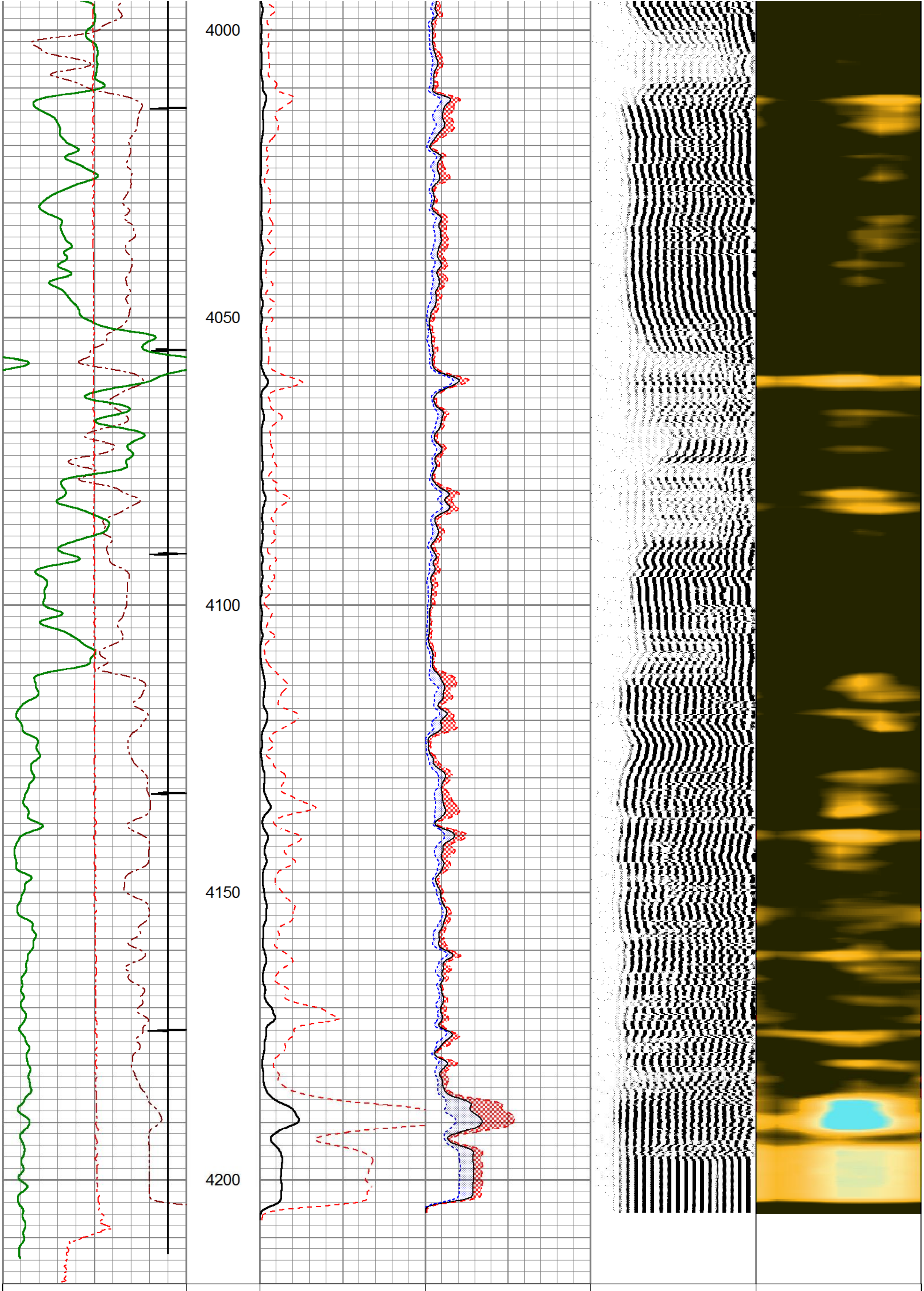
KAN-PERF WIRELINE, LLC

REPEAT SECTION

ZERO PSI APPLIED AT SURFACE

Database File	nec_wrangler_#6_scbl.db
Dataset Pathname	pass2
Presentation Format	pinr_scbl
Dataset Creation	Thu Jul 06 11:37:09 2023
Charted by	Depth in Feet scaled 1:240

3Ft Travel Time	3' Amplitude	Sector Amplitude Average	200 VDL (usec) 1200	1 Sector Map 8
600 (usec) 170	0 (mV) 100	0 150		
-9 Collar Locator 1	3' Amplified Amplitude X 5	Sector Amplitude Maximum		
Gamma Ray	0 (mV) 20	0 150		
0 (cps) 150		Sector Amplitude Minimum		
0 LineTension (lb)2000		0 150		



3Ft Travel Time	3' Amplitude	Sector Amplitude Average	200 VDL (usec) 1200	1 Sector Map 8
600 (usec) 170	0 (mV) 100	0 150		
-9 Collar Locator 1	3' Amplified Amplitude X 5	Sector Amplitude Maximum		
Gamma Ray	0 (mV) 20	0 150		
0 (cps) 150		Sector Amplitude Minimum		
0 LineTension (lb)2000		0 150		

KAN-PERF WIRELINE, LLC

Company	NEC OPERATING - KANSAS, LLC.
Well	WRANGLER #6
Field	SHAW CREEK
County	TREGO
State	KANSAS