

Company Black Oak Exploration, LLC.
 Well Taylor Trust 1-17
 Field Mellard East
 County Russell
 State Kansas

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 Field Mellard East
 County Russell State Kansas

Location: 660' FSL & 1320' FEL
 S2 SE
 SEC 17 TWP 12 RGE 14W
 Permanent Datum G.L. Elevation 1609 ft.
 Log Measured From K.B. , 8 ft. above perm. datum
 Drilling Measured From K.B.
 API #: 15-167-24106
 Other Services
 MAS, CNL,
 LDT, MEL
 Elevation
 K.B. 1617 ft.
 D.F. 1616 ft.
 G.L. 1609 ft.

Date	18-May-2021
Run Number	One
Depth Driller	3070'
Depth Logger	3070'
Bottom Logged Interval	3062'
Top Log Interval	660'
Casing Driller	8.625 @ 671'
Casing Logger	662'
Bit Size	7.875"
Type Fluid in Hole	WBM
Density / Viscosity	9.2 / 48
pH / Fluid Loss	10 / 5.3
Source of Sample	Flowline
Rm @ Meas. Temp	0.4 @ 80°F
Rmf @ Meas. Temp	0.3 @ 80°F
Rmc @ Meas. Temp	0.5 @ 80°F
Source of Rmf / Rmc	Calculated
Rm @ BHT	0.34 @ 94°F
Time Circulation Stopped	18:30
Time Logger on Bottom	20:00
Maximum Recorded Temperature	94°F
Equipment Number	11008
Location	OKC., OK.
Recorded By	B. Oetting / M. Johnson
Witnessed By	R. Campbell

<<< Fold Here >>>

Equipment and Log Data

Service Order: T8-210518

Gamma		Density		Neutron		Sonic		IAT	
Run No.	One	Run No.	One	Run No.	One	Run No.	One	Run No.	One
Serial No.	SGR 365	Serial No.	110	Serial No.	071	Serial No.	NA	Serial No.	110
O.D.	3.375 in.	Source No.	50129B	Source No.	1414NC	Centralizers	NA	Standoffs	2 @ 0.5"
		O.D.	4.5 in.	O.D.	3.375 in.	O.D.	3.375 in.	O.D.	3.875 in.

Logging Pass Data

General		Gamma		Density			Neutron			Sonic		IAT		
		Scales		Scales		Scales			Scales		Scales			
Run	Depths	Left	Right	Left	Right	Matrix	Left	Right	Matrix	Left	Right	Left	Right	
One	SCG TD	0	150	0.3	-0.1	2.71 g/cc	0.3	-0.1	Lime	0.3	-0.1	47.6 usec/ft	12	2000

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Toolstring ran as per diagram due to hole conditons
 Density is presented on a 2.71 g/cc Matrix, Neutron is presented on a Limestone Matrix, Sonic is presented on a 47.6 usec/ft Matrix
 Chlorides: 9200 mg/L
 LCM: 0 lb/bbl
 Annular volume calculated using 5.5" casing.

Washouts and borehole rugosity affect data quality repeatability.

Discovery Drilling #4

Closed caliper from 1660'-1629' due to pulling tight

SP is erratic but was still presented

YOUR CREW TODAY: J. Wood / J. Willis

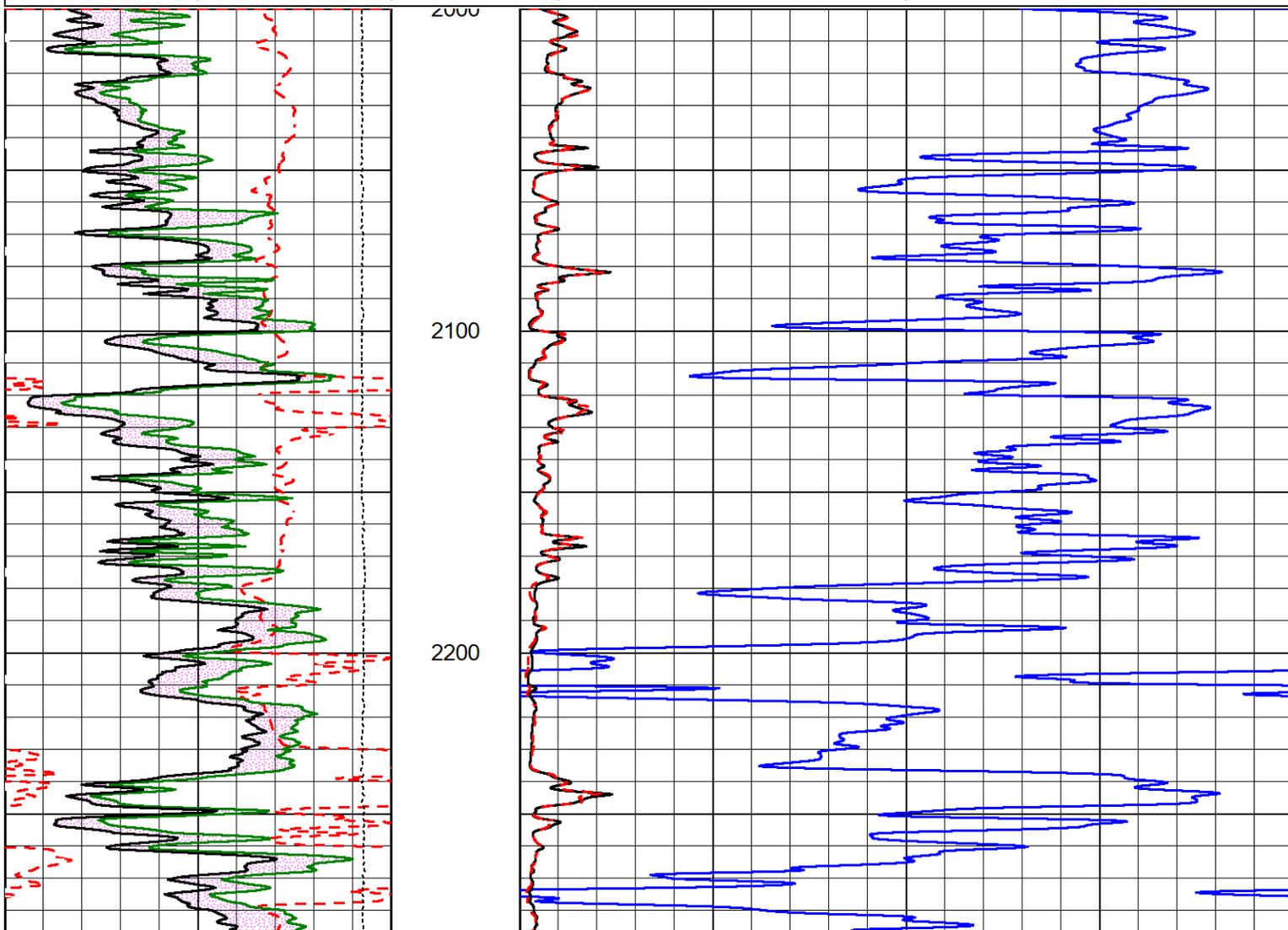
THANK YOU FOR CHOOSING WIRELINE LOGGING SOLUTIONS. OKLAHOMA CITY, OK. (405) 445-7135.

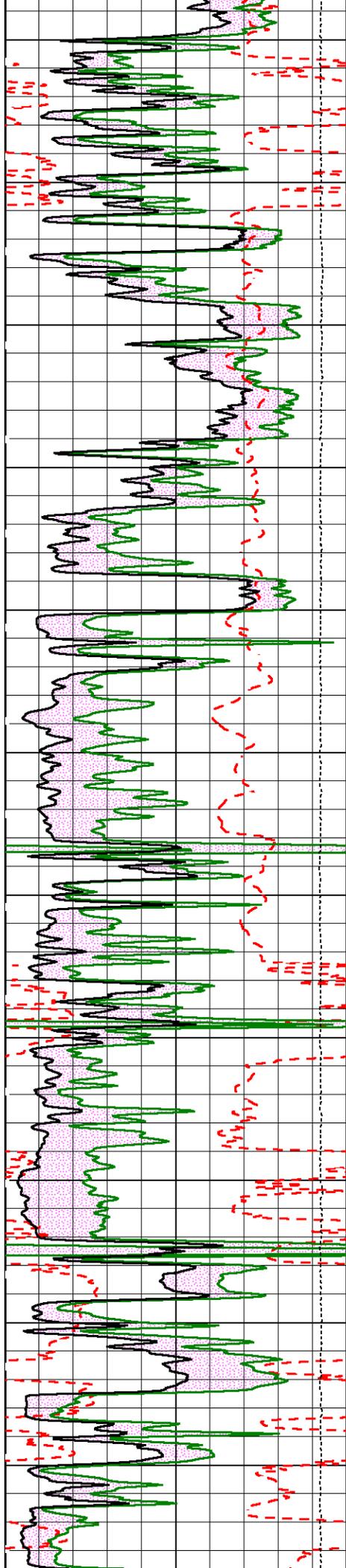


Main Pass

Database File black oak-taylor trust 1-17_2.db
 Dataset Pathname pass7
 Presentation Format OKC-AC~1
 Dataset Creation Wed May 19 10:18:36 2021
 Charted by Depth in Feet scaled 1:600

SP (mV)		1000	90" Conductivity (mmho/m)		0
0	Total Gamma Ray (GAPI) 150	0	Shallow Resistivity (Ohm-m) 50		
0	Uranium Free Gamma (GAPI) 150	0	Deep Resistivity (Ohm-m) 50		
Head Tension		50	Deep	500	
10000 (lb)	0	50	Shallow	500	





2300

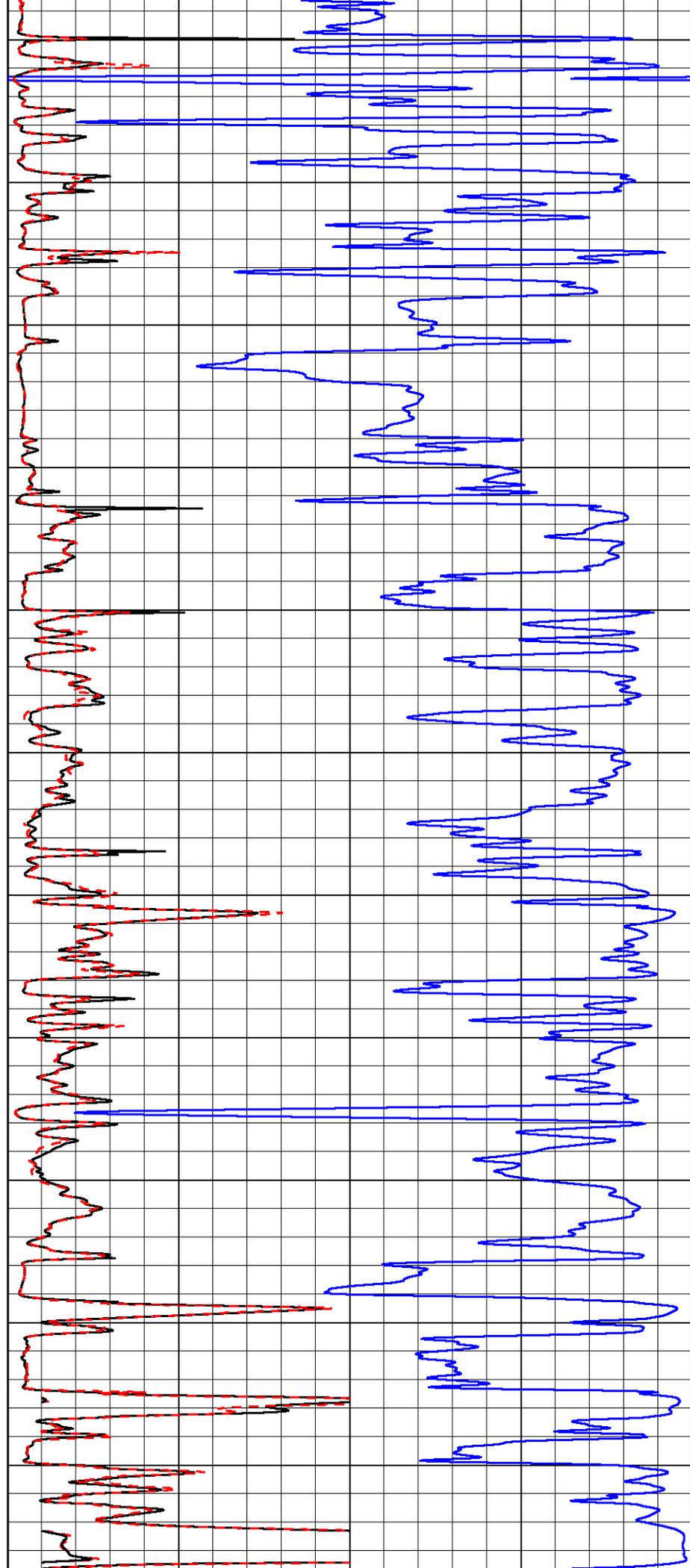
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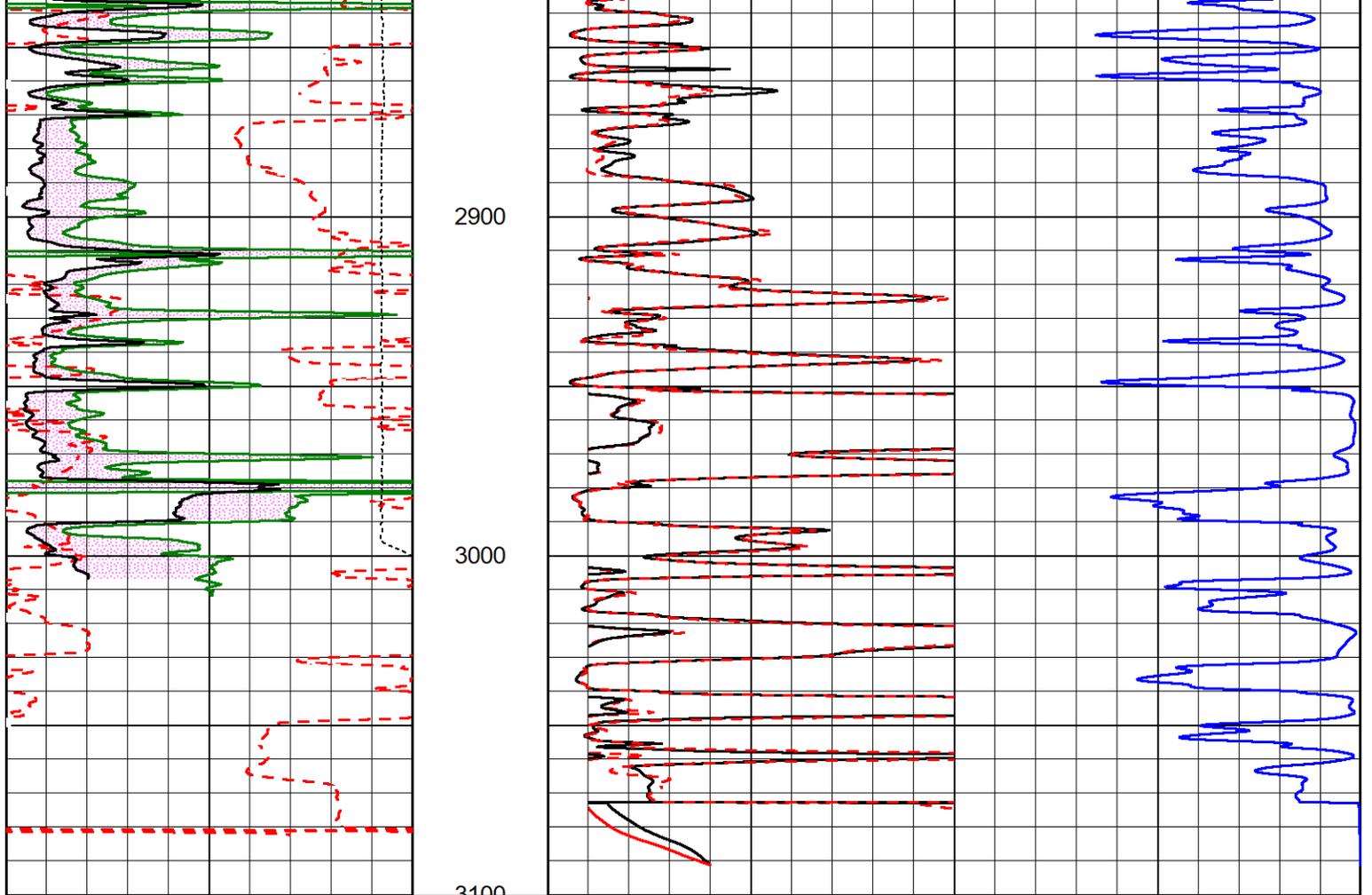
2500

2600

2700

2800





SP (mV)		90" Conductivity (mmho/m)	
0	150	0	0
Total Gamma Ray (GAPI)		Shallow Resistivity (Ohm-m)	
0	150	0	50
Uranium Free Gamma (GAPI)		Deep Resistivity (Ohm-m)	
0	150	0	50
Head Tension		50	500
10000 (lb)	0	50	500
		50	500



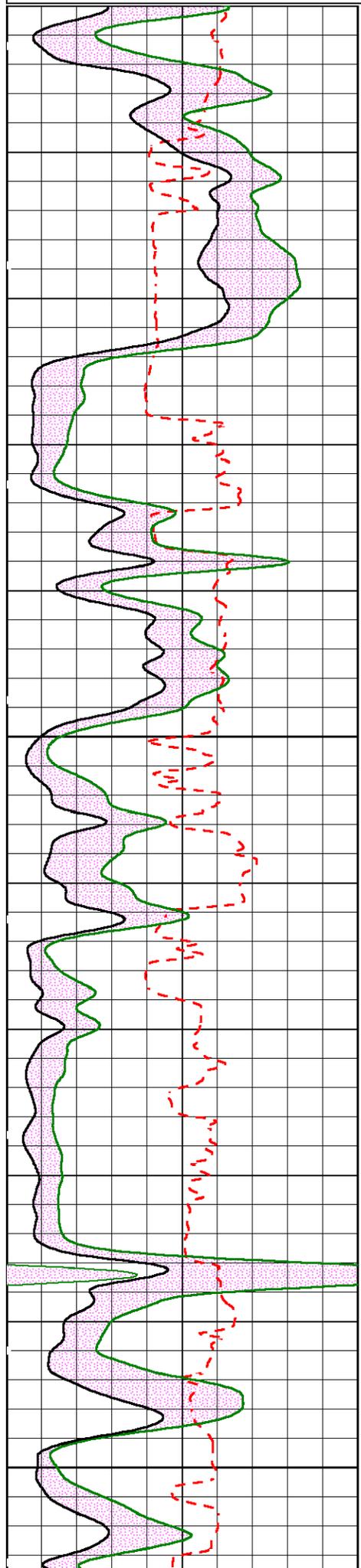
Main Pass



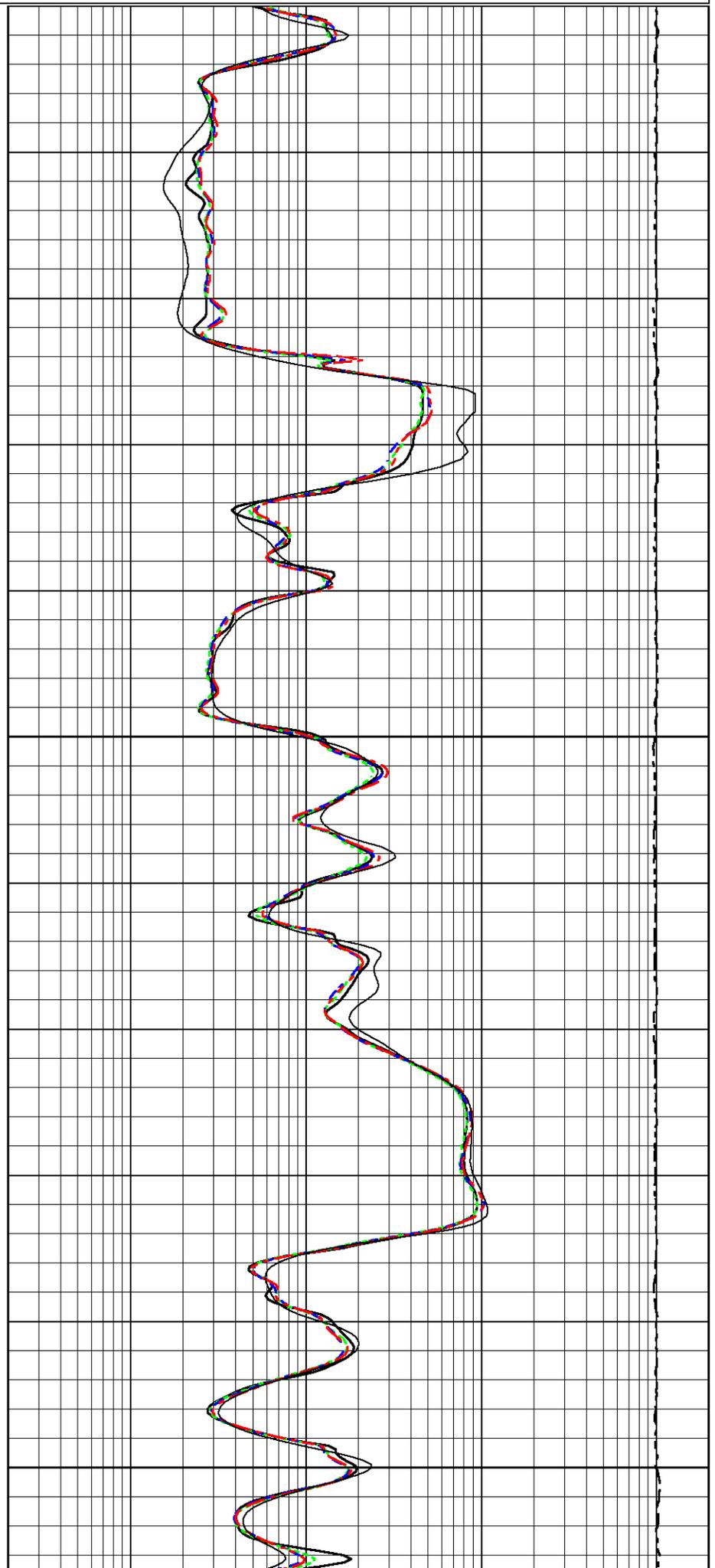
High Resolution Pass

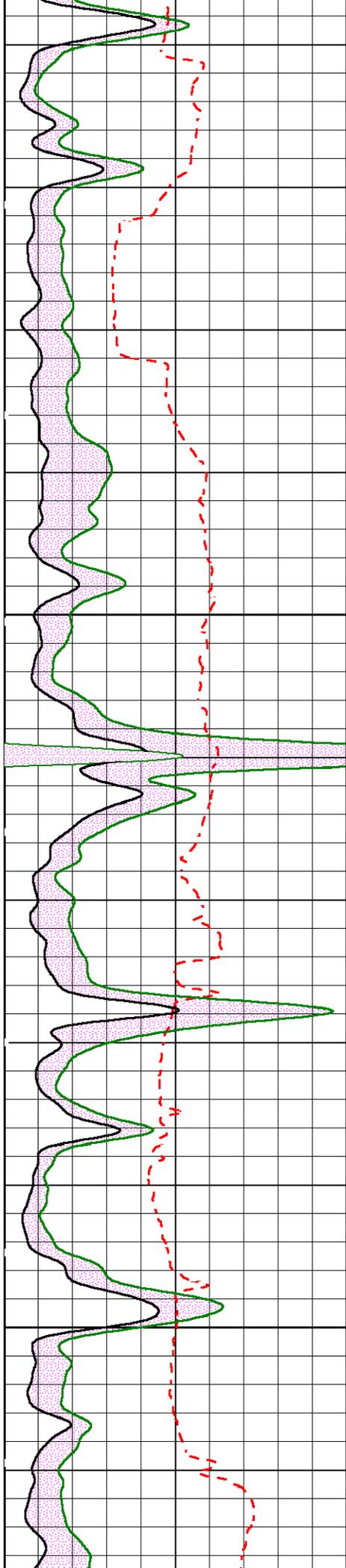
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Dataset Pathname	pass4.1
Presentation Format	OKC-AI~1
Dataset Creation	Wed May 19 02:15:17 2021 by Calc Sondex
Charted by	Depth in Feet scaled 1:120

SP [-30mV+]		0.2	20in Resistivity (Ohm-m)	2000
0	150	0.2	30in Resistivity (Ohm-m)	2000
Total Gamma Ray (GAPI)		0.2	60in Resistivity (Ohm-m)	2000
0	150	0.2	90in Resistivity (Ohm-m)	2000
Uranium Free Gamma (GAPI)		0.2	10in Resistivity (Ohm-m)	2000
0	150	0.2		2000

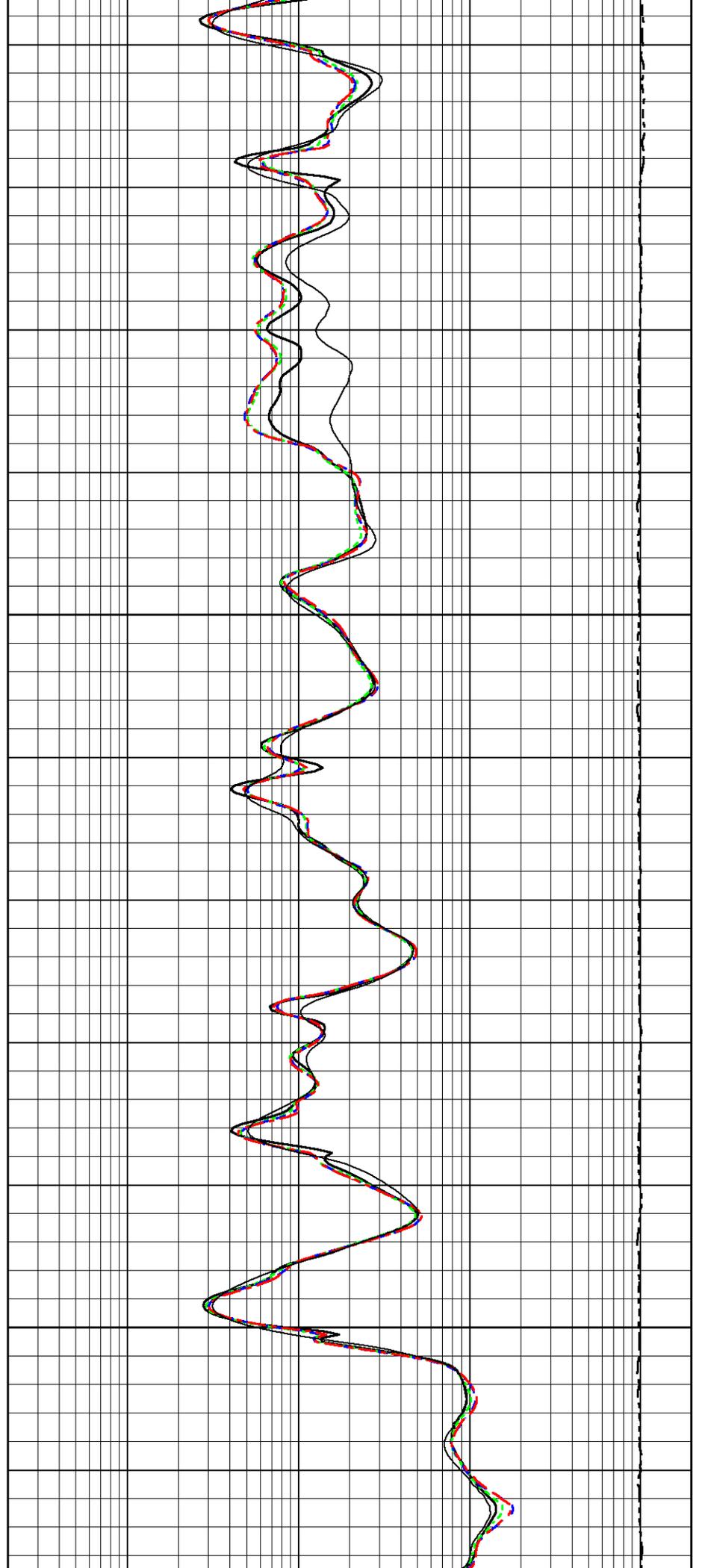


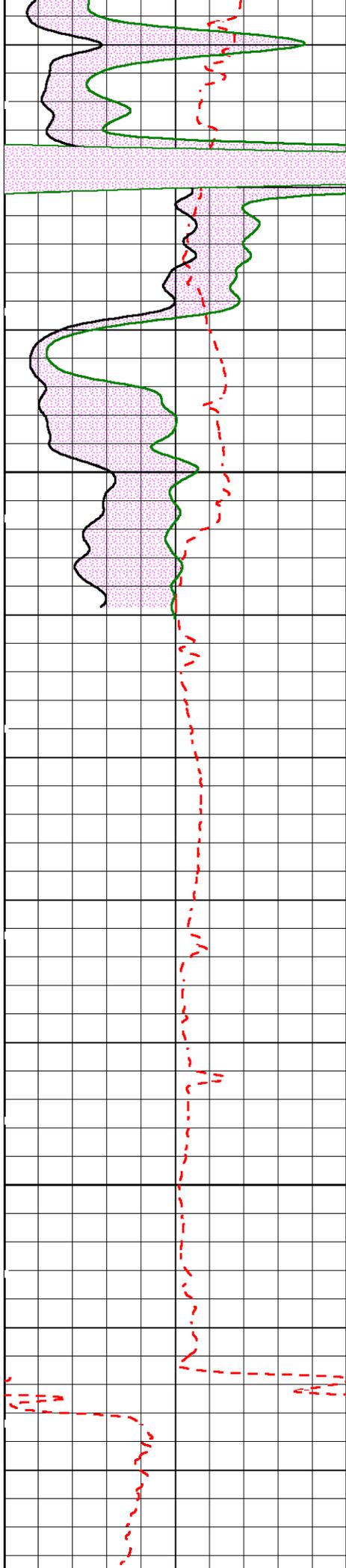
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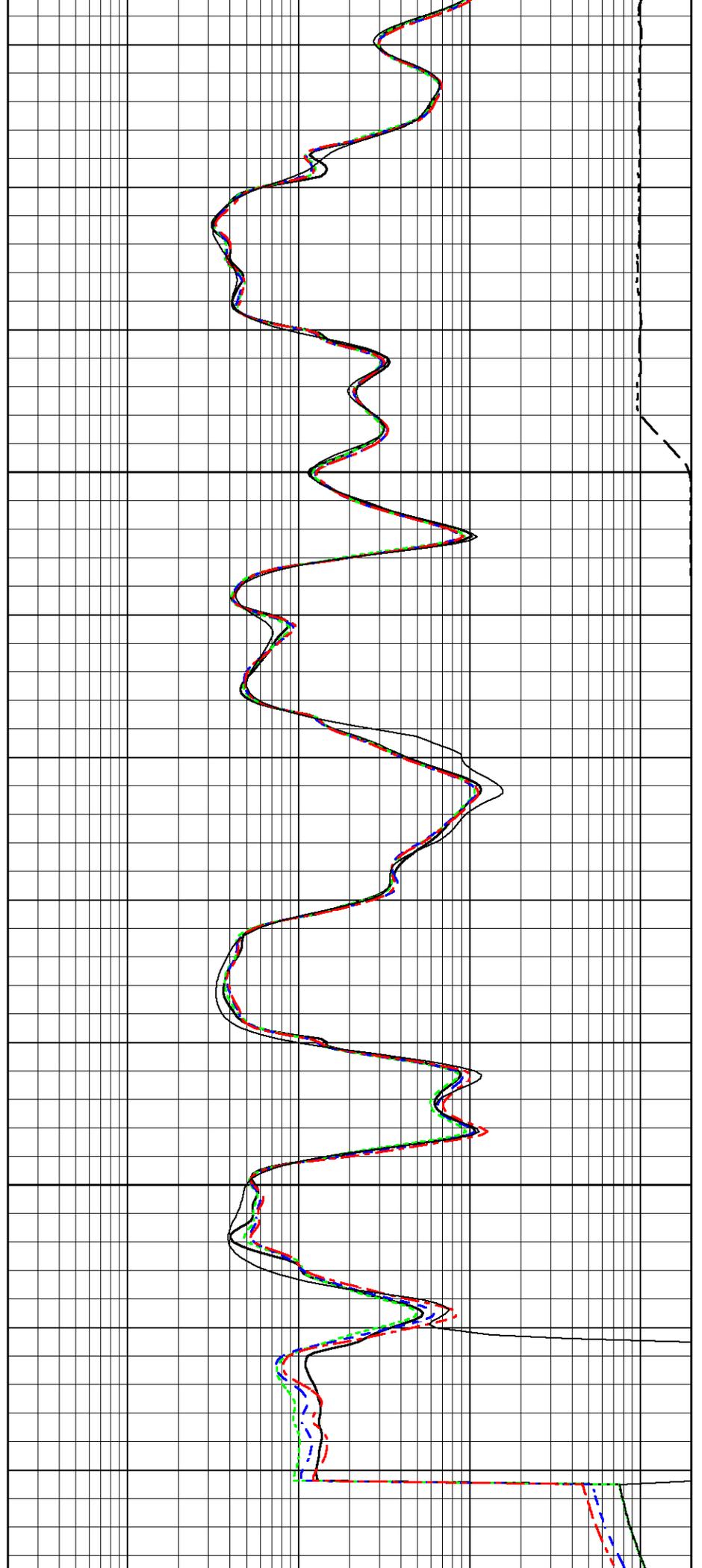


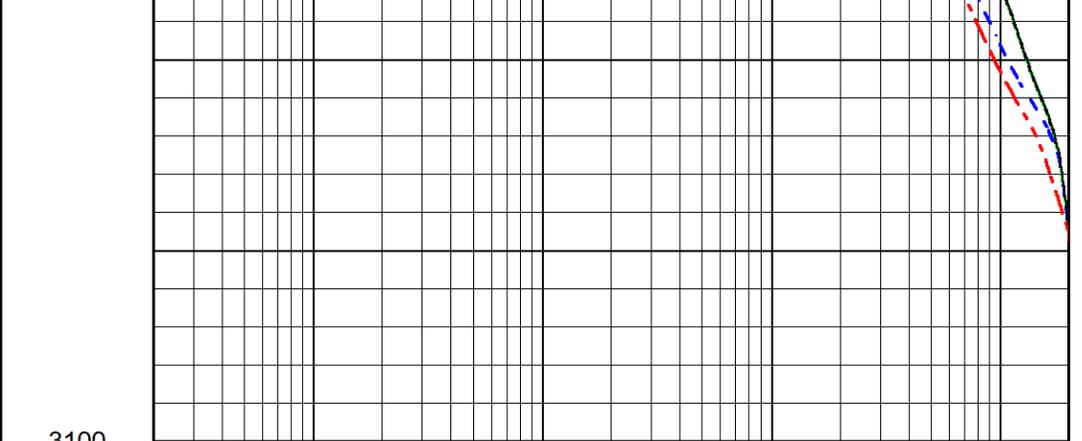
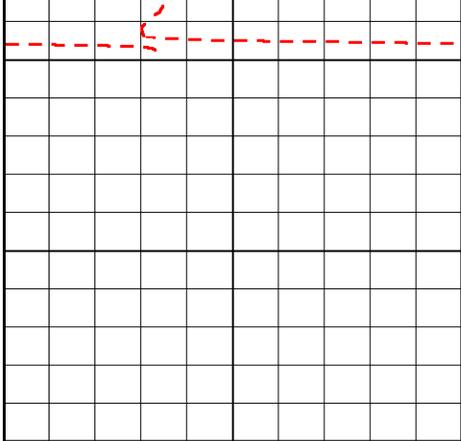
2900





3000





SP [-30mV+]		
0	Total Gamma Ray (GAPI)	150
0	Uranium Free Gamma (GAPI)	150

0.2	20in Resistivity (Ohm-m)	2000
0.2	30in Resistivity (Ohm-m)	2000
0.2	60in Resistivity (Ohm-m)	2000
0.2	90in Resistivity (Ohm-m)	2000
0.2	10in Resistivity (Ohm-m)	2000
10000	Head Tension (lb)	0



High Resolution Pass

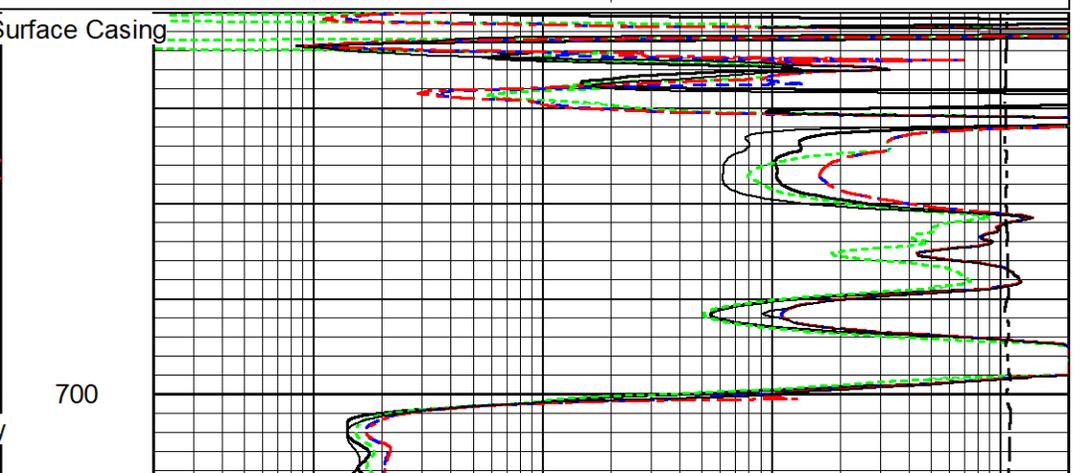
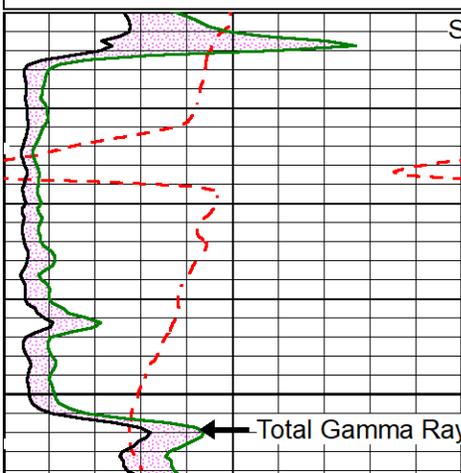


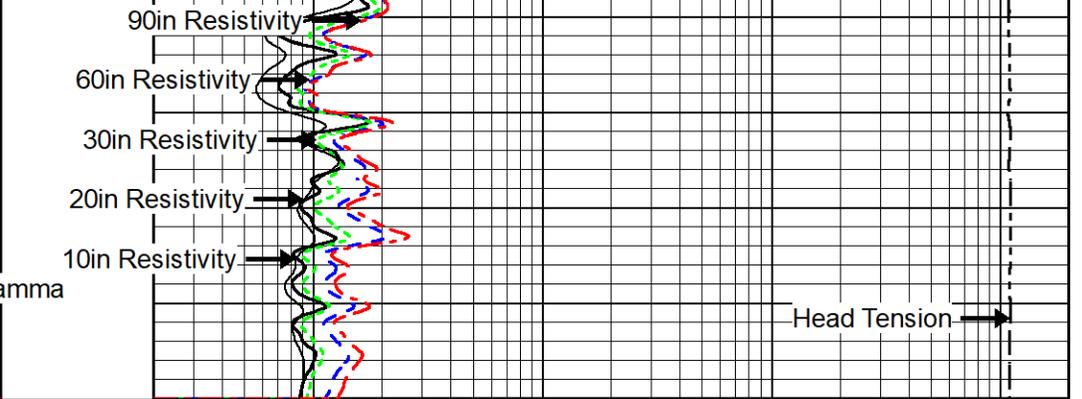
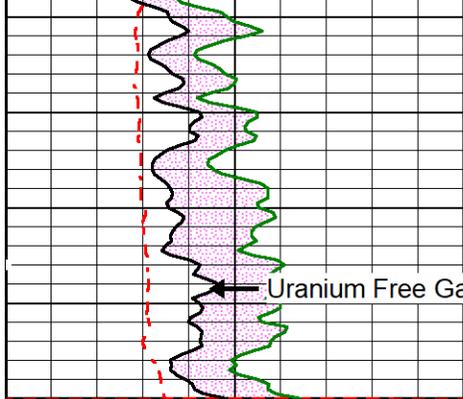
Main Pass

Database File black oak-taylor trust 1-17_2.db
 Dataset Pathname pass7
 Presentation Format OKC-AI~1
 Dataset Creation Wed May 19 10:18:36 2021
 Charted by Depth in Feet scaled 1:240

SP [-30mV+]		
0	Total Gamma Ray (GAPI)	150
0	Uranium Free Gamma (GAPI)	150

0.2	20in Resistivity (Ohm-m)	2000
0.2	30in Resistivity (Ohm-m)	2000
0.2	60in Resistivity (Ohm-m)	2000
0.2	90in Resistivity (Ohm-m)	2000
0.2	10in Resistivity (Ohm-m)	2000
10000	Head Tension (lb)	0





SP [-30mV+]		
0	Total Gamma Ray (GAPI)	150
0	Uranium Free Gamma (GAPI)	150

0.2	20in Resistivity (Ohm-m)	2000
0.2	30in Resistivity (Ohm-m)	2000
0.2	60in Resistivity (Ohm-m)	2000
0.2	90in Resistivity (Ohm-m)	2000
0.2	10in Resistivity (Ohm-m)	2000
10000	Head Tension (lb)	0



Main Pass

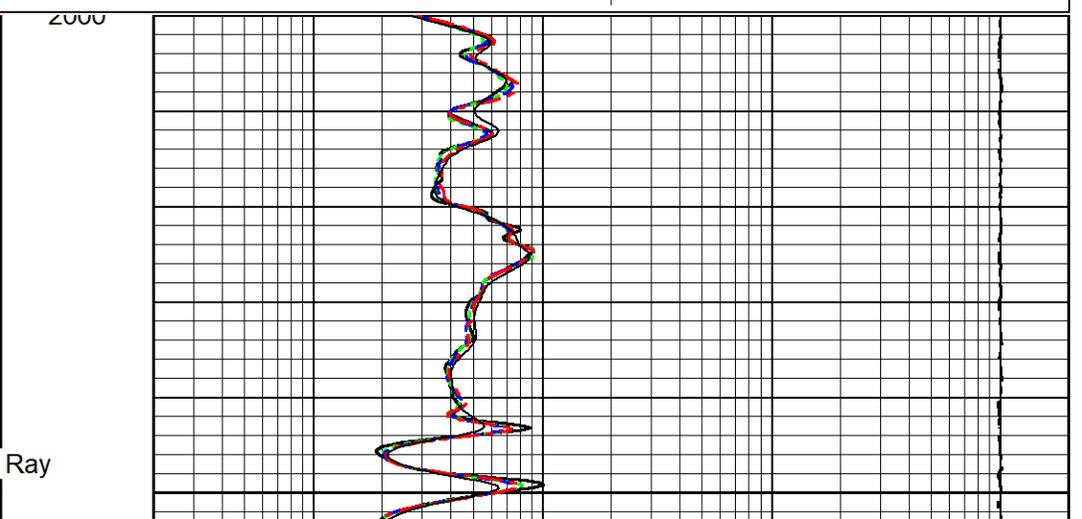
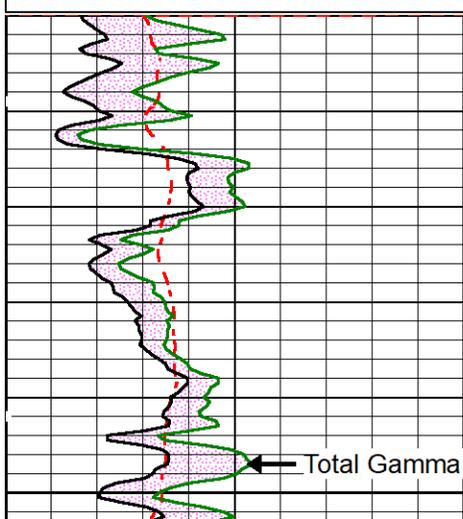


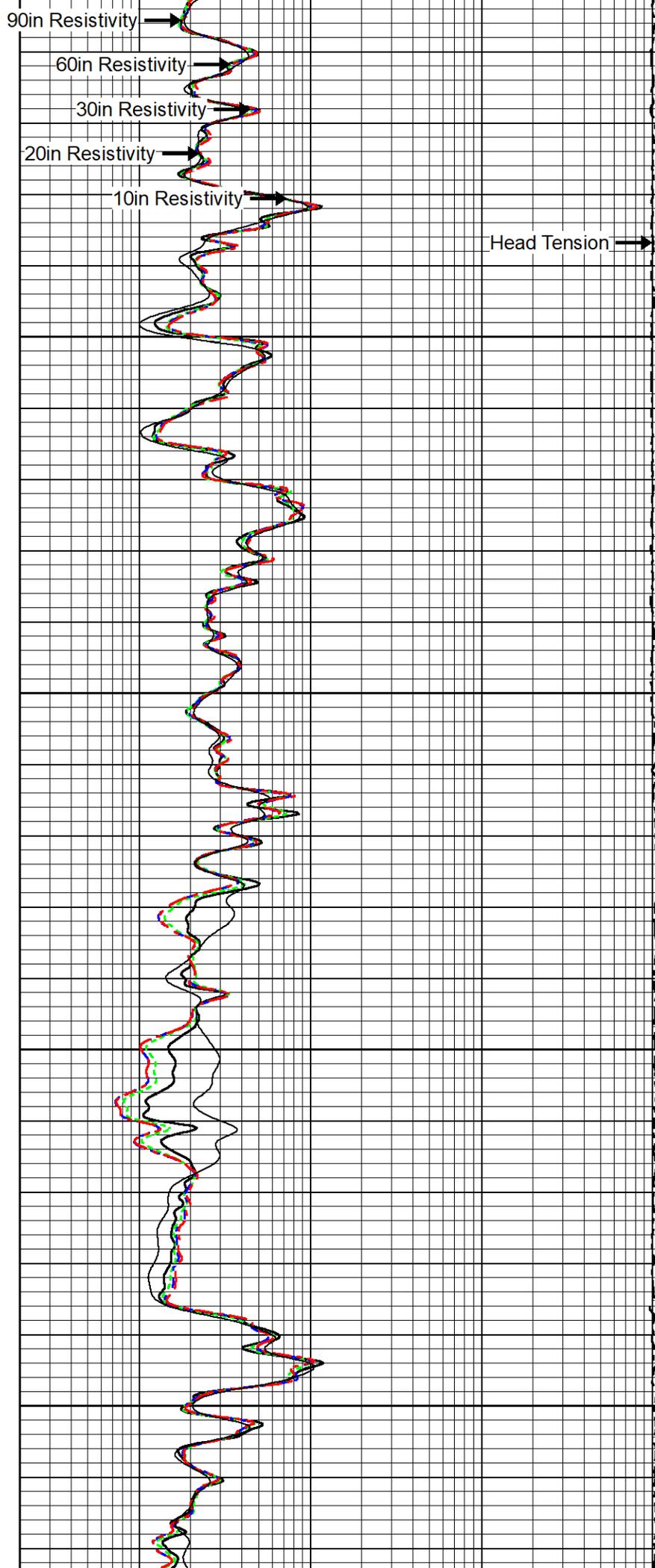
Main Pass

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Dataset Pathname	pass7
Presentation Format	OKC-AI~1
Dataset Creation	Wed May 19 10:18:36 2021
Charted by	Depth in Feet scaled 1:240

SP [-30mV+]		
0	Total Gamma Ray (GAPI)	150
0	Uranium Free Gamma (GAPI)	150

0.2	20in Resistivity (Ohm-m)	2000
0.2	30in Resistivity (Ohm-m)	2000
0.2	60in Resistivity (Ohm-m)	2000
0.2	90in Resistivity (Ohm-m)	2000
0.2	10in Resistivity (Ohm-m)	2000
10000	Head Tension (lb)	0





90in Resistivity

60in Resistivity

30in Resistivity

20in Resistivity

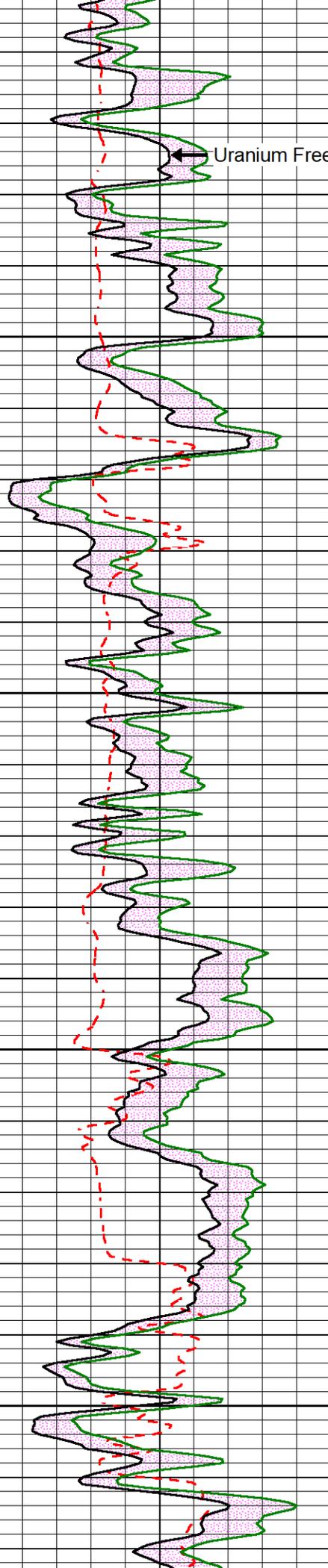
10in Resistivity

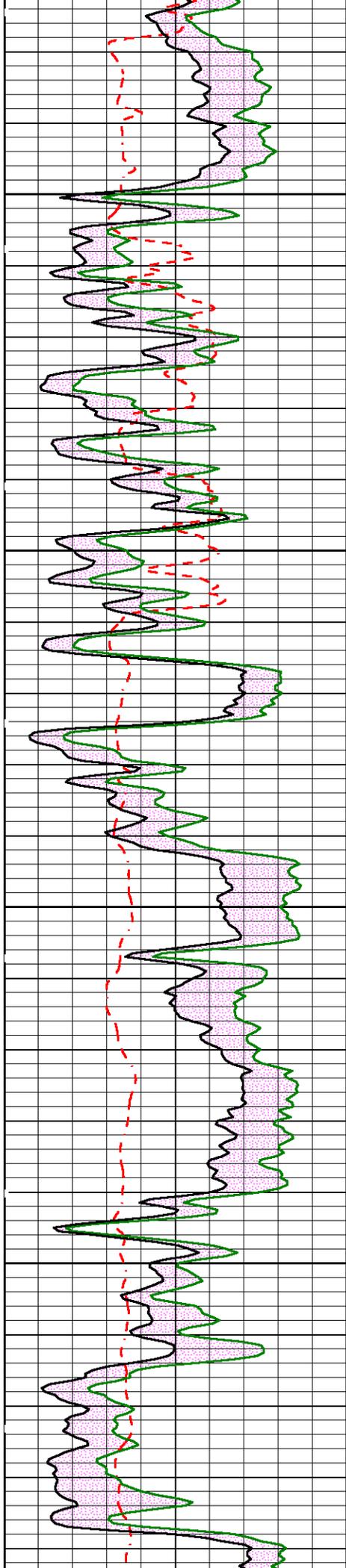
Head Tension

2100

2200

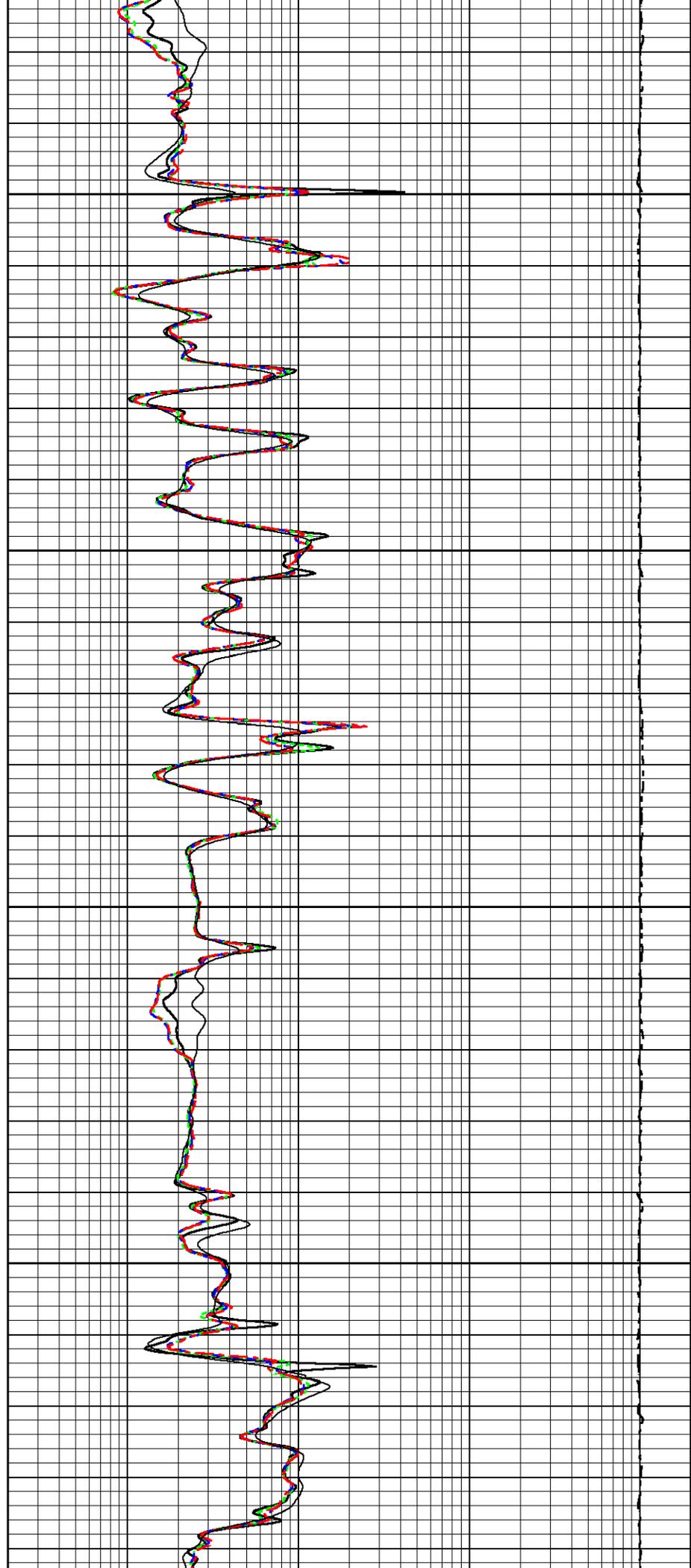
Uranium Free Gamma

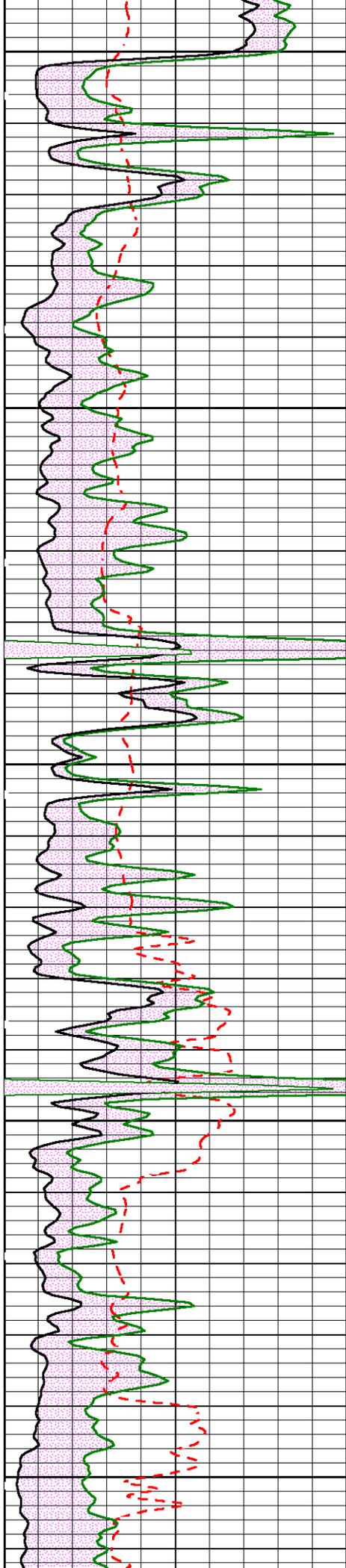




2300

2400

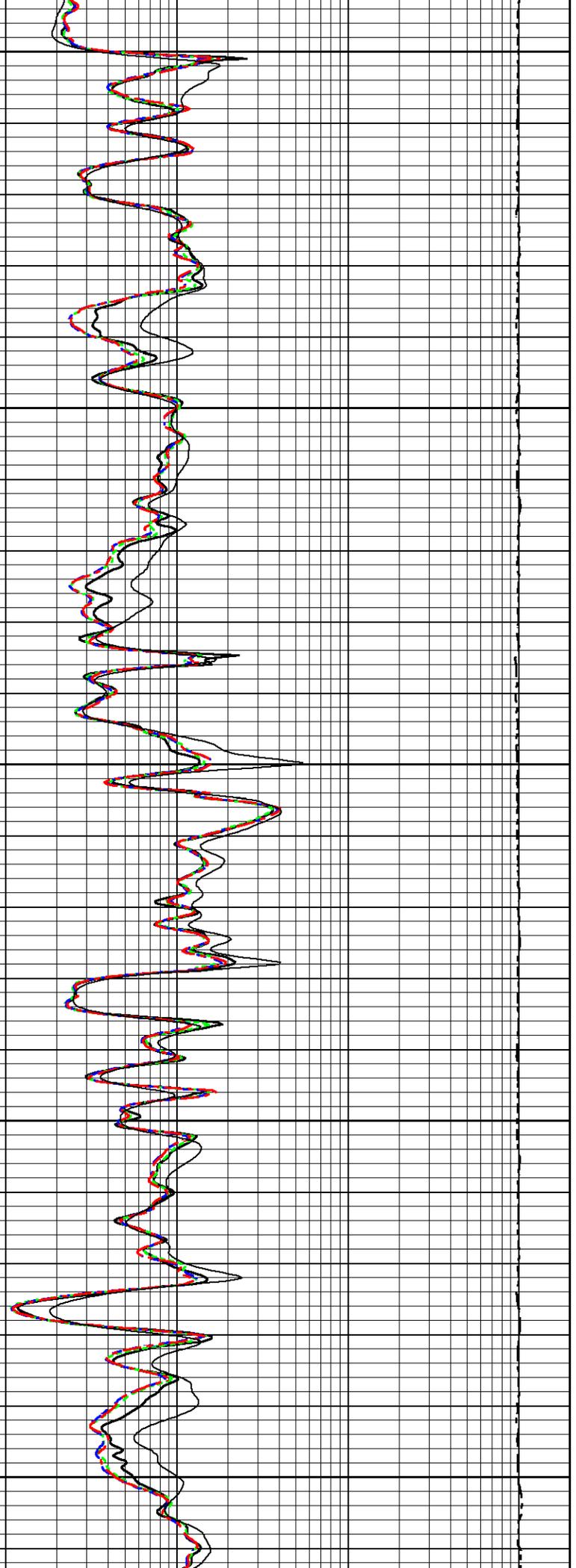


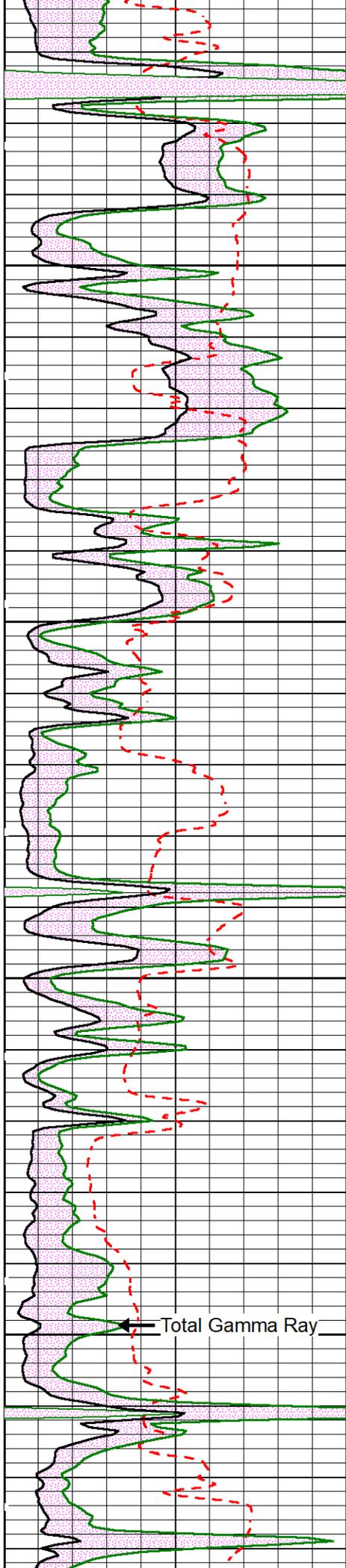


2500

2600

2700

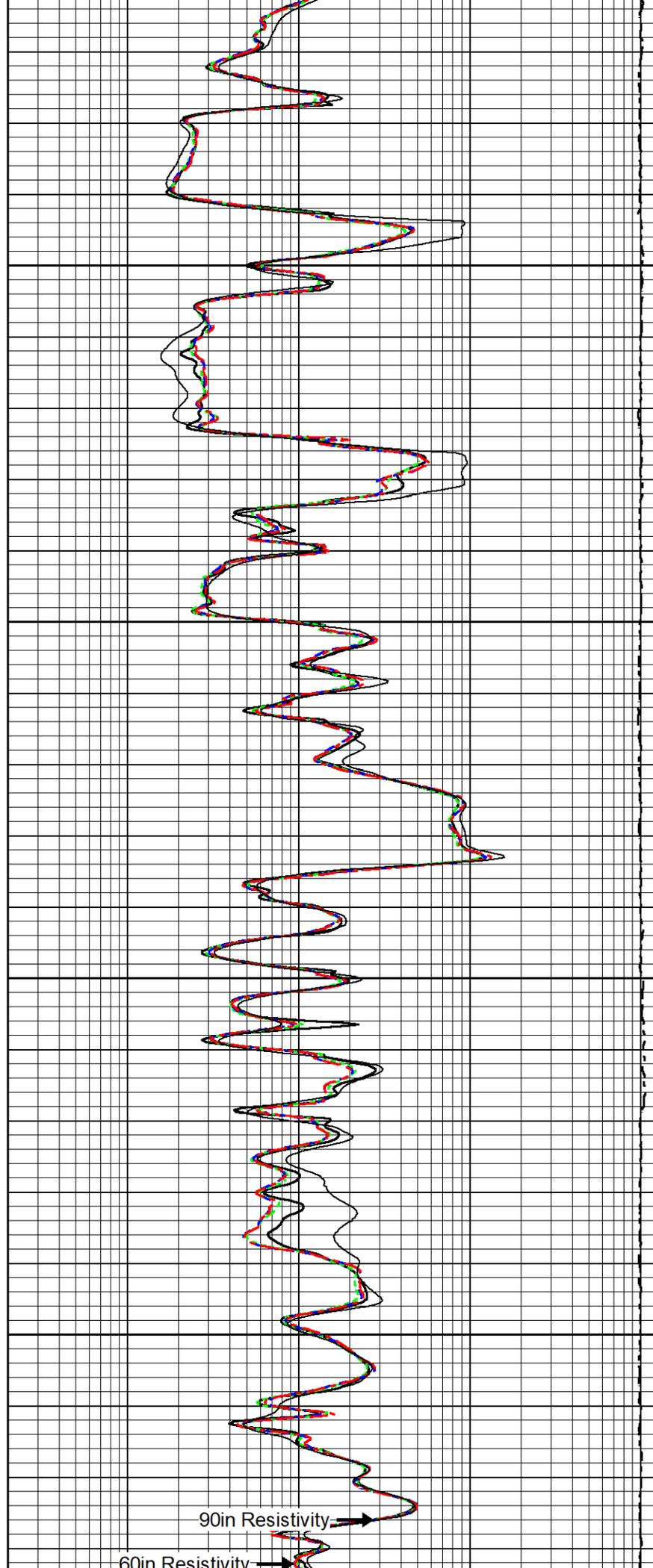




2800

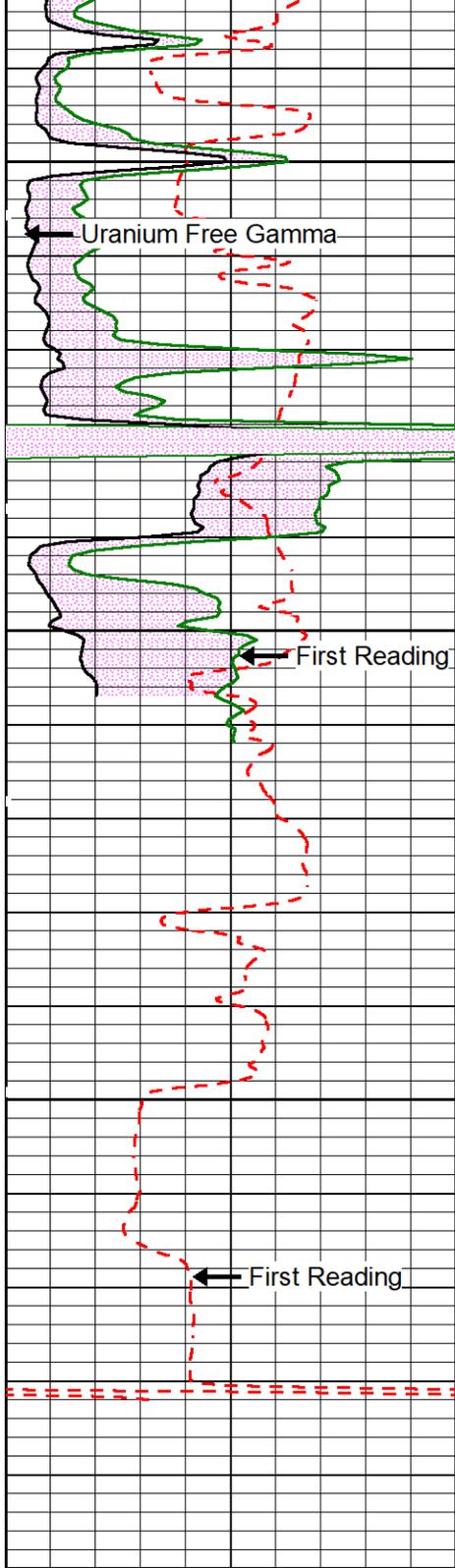
2900

← Total Gamma Ray



90in Resistivity →

60in Resistivity →

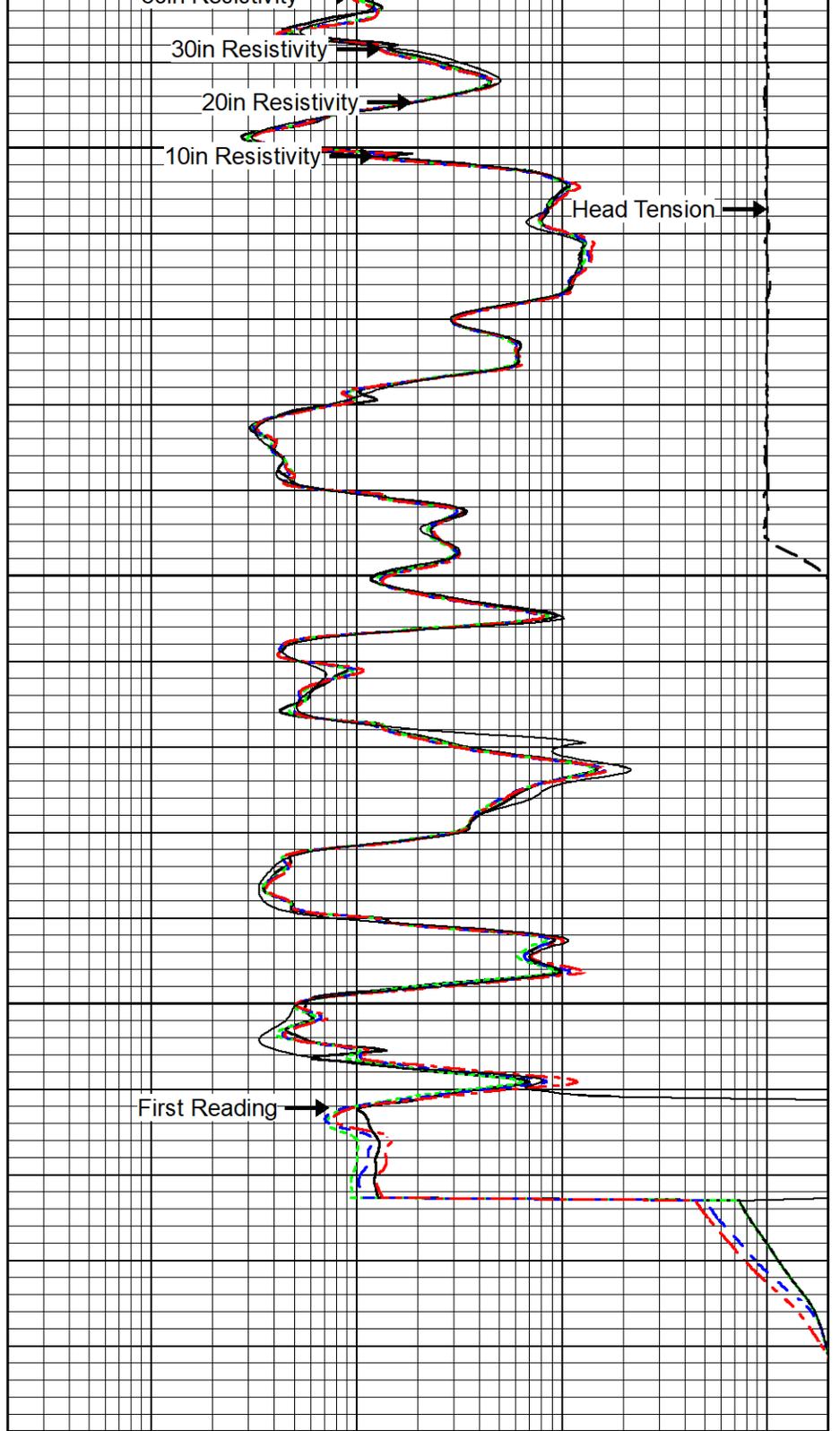


3000

Total Depth

3100

SP [-30mV+]		
0	Total Gamma Ray (GAPI)	150
0	Uranium Free Gamma (GAPI)	150



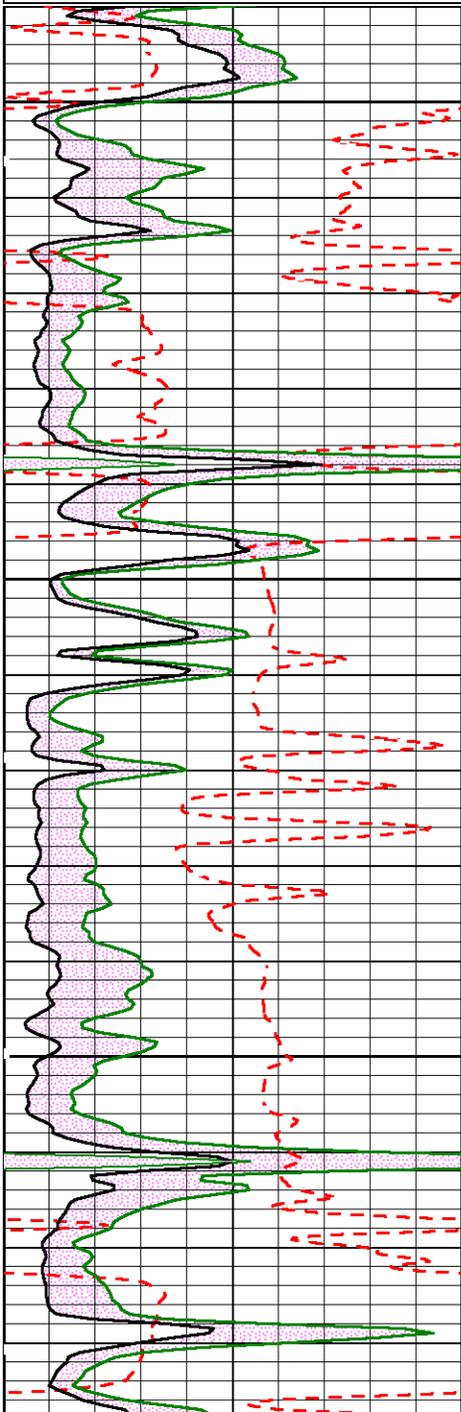
0.2	20in Resistivity (Ohm-m)	2000
0.2	30in Resistivity (Ohm-m)	2000
0.2	60in Resistivity (Ohm-m)	2000
0.2	90in Resistivity (Ohm-m)	2000
0.2	10in Resistivity (Ohm-m)	2000

10000	Head Tension (lb)	0
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Repeat Pass

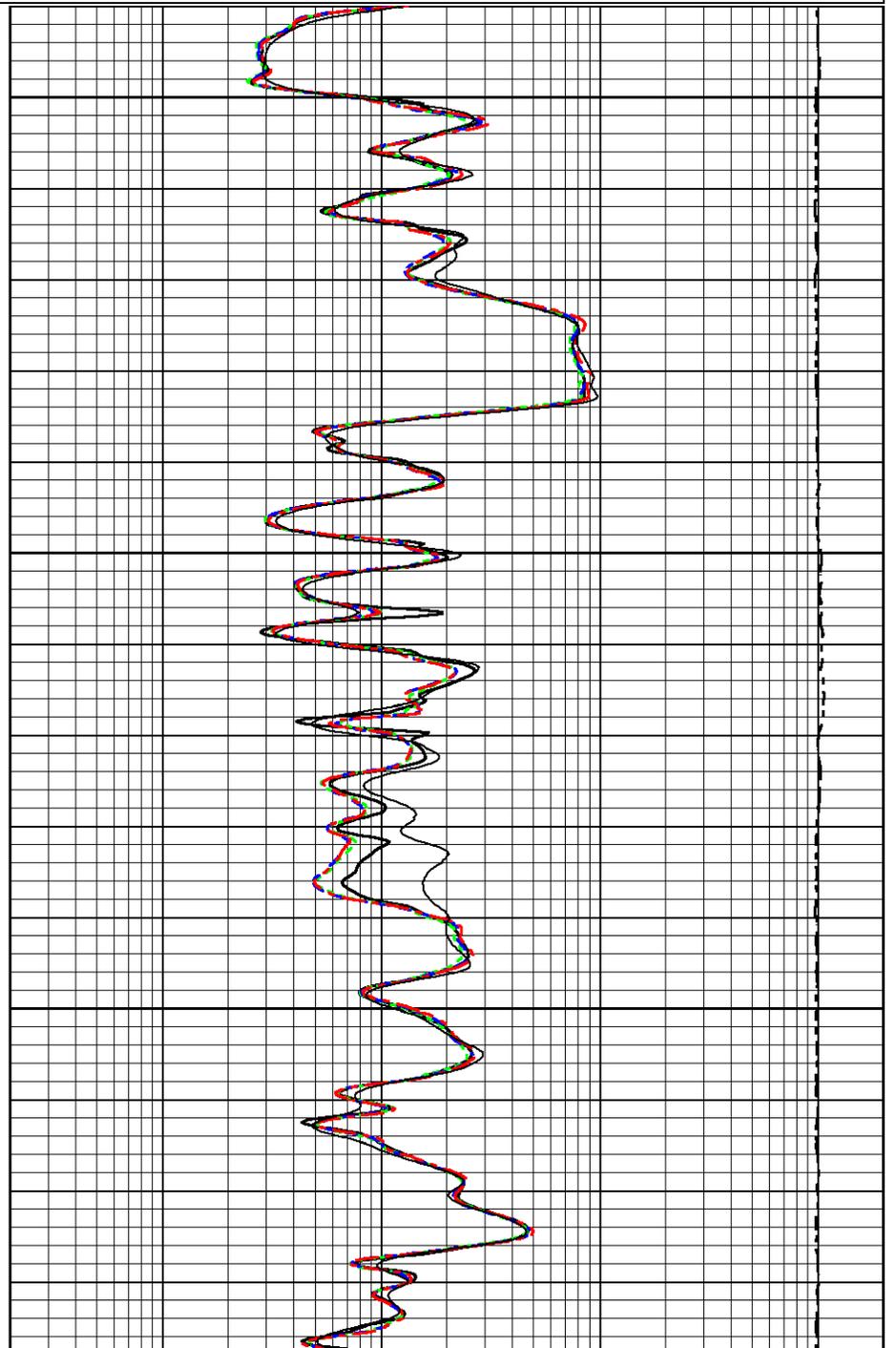
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 Dataset Pathname pass3.2
 Presentation Format OKC-AI~1
 Dataset Creation Wed May 19 02:06:26 2021 by Calc Sondex
 Charted by Depth in Feet scaled 1:240

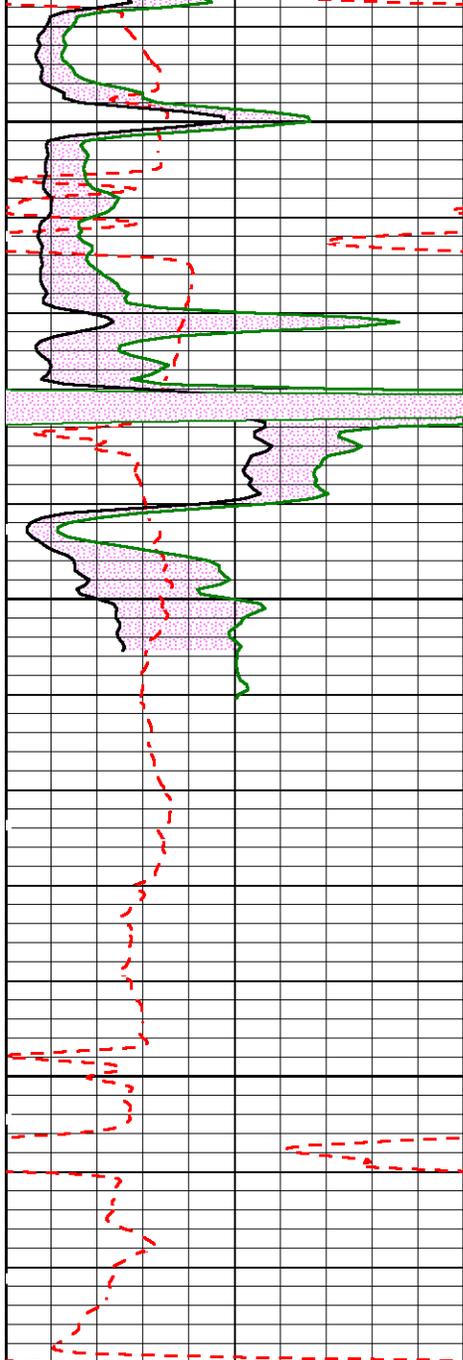
SP [-30mV+]	0.2	20in Resistivity (Ohm-m)	2000
0 Total Gamma Ray (GAPI) 150	0.2	30in Resistivity (Ohm-m)	2000
0 Uranium Free Gamma (GAPI) 150	0.2	60in Resistivity (Ohm-m)	2000
	0.2	90in Resistivity (Ohm-m)	2000
	0.2	10in Resistivity (Ohm-m)	2000
	10000	Head Tension (lb)	0



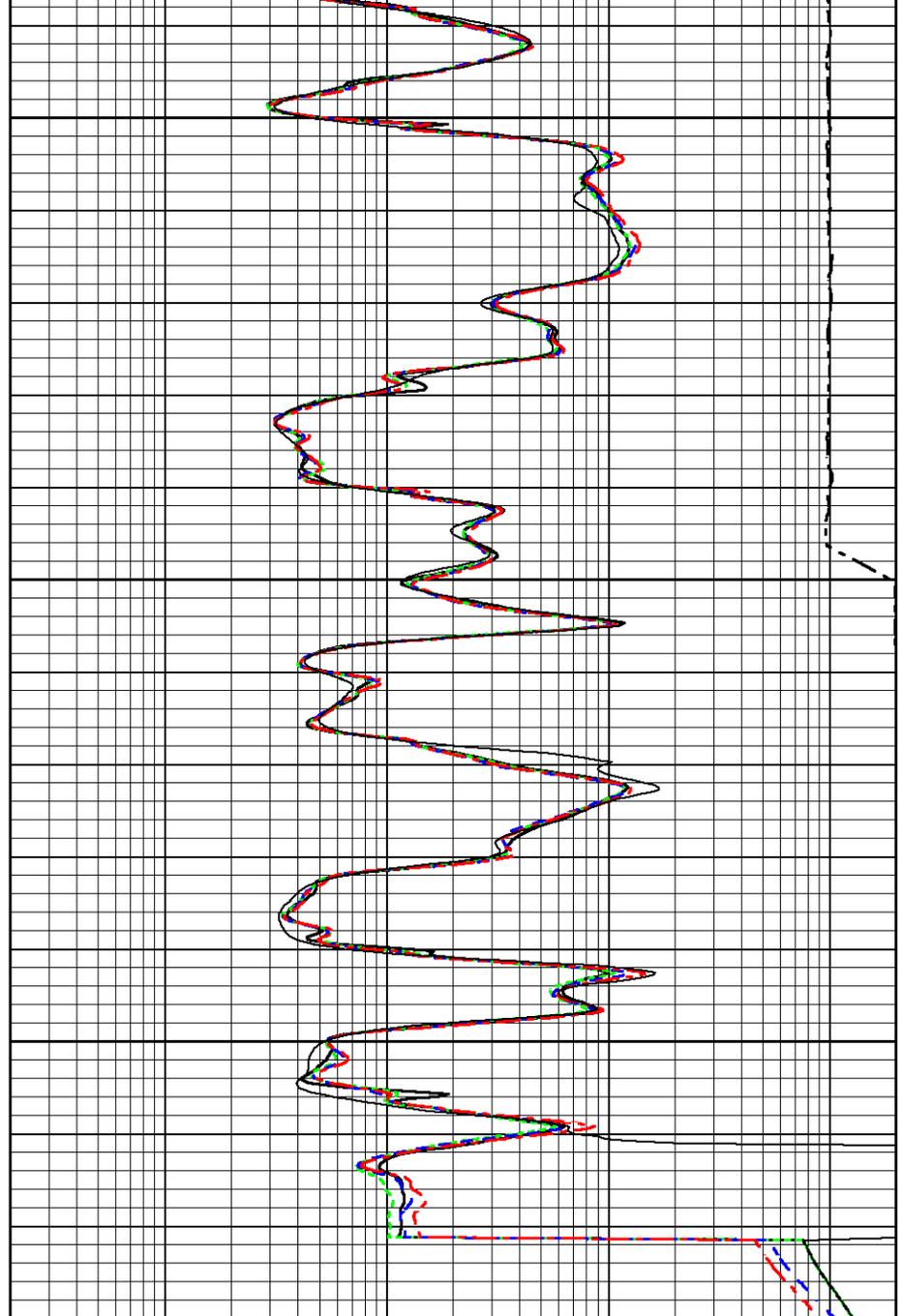
2800

2900





3000



SP [-30mV+]		
0	Total Gamma Ray (GAPI)	150
0	Uranium Free Gamma (GAPI)	150

0.2	20in Resistivity (Ohm-m)	2000
0.2	30in Resistivity (Ohm-m)	2000
0.2	60in Resistivity (Ohm-m)	2000
0.2	90in Resistivity (Ohm-m)	2000
0.2	10in Resistivity (Ohm-m)	2000

10000 Head Tension (lb) 0



Repeat Pass

Log Variables

Database: C:\Sondex\Sondex Warrior\Data\black oak-taylor trust 1-17_2.db
 Dataset: field/well/run1/pass5/_vars_

Top - 671.00 ft

AIR_HOLE?	BOREID in	BOTTEMP degF	CASED?	CASEOD in	CASETHCK in	CASEWGHT lb/ft	COMPACT
-----------	--------------	-----------------	--------	--------------	----------------	-------------------	---------

No	12.25	100	Yes	8.625	0	24	1
DE-CENT	DEVI deg	FLUIDDEN g/cc	FRMSALIN kppm	MATRXDEN g/cc	MAXAMPL mV	MINAMPL mV	MINATTN db/ft
Yes	0	1	75	2.71	0	1	0.8
MUDSALIN kppm	MudWgt lb/gal	NPORSEL	PERFS	SO in	SPSHIFT mV	SRFTEMP degF	SVFLUID usec/ft
0	9.2	Limestone	0	0.5	0	68	189
SVMATRIX usec/ft	TDEPTH ft						
47.6	3070						

671.00 ft - Bottom

BOREID in	CASED?	CASEOD in	CASEWGHT lb/ft
7.875	No	5.5	15.5

Variable Description

AIR_HOLE? : Air Filled?	MAXAMPL : Maximum Amplitude
BOREID : Borehole I.D.	MINAMPL : Minimum Amplitude
BOTTEMP : Bottom Hole Temperature	MINATTN : Minimum Attenuation
CASED? : Cased hole ?	MUDSALIN : Mud Salinity
CASEOD : Casing O.D.	MudWgt : Mud Weight
CASETHCK : Casing Thickness	NPORSEL : Neutron Porosity Curve Select
CASEWGHT : Casing Weight	PERFS : Perforation Flag
COMPACT : Compaction Factor	SO : Stand Off
DE-CENT : Decentralization Flag	SPSHIFT : S.P. Baseline Offset
DEVI : Inclination	SRFTEMP : Surface Temperature
FLUIDDEN : Fluid Density	SVFLUID : Fluid Velocity
FRMSALIN : Formation Salinity	SVMATRIX : Matrix Velocity
MATRXDEN : Matrix Density	TDEPTH : Total Depth

Calibration Report

Database File black oak-taylor trust 1-17_2.db
Dataset Pathname pass5
Dataset Creation Wed May 19 00:48:45 2021

Induction Array Tool Calibration Report

Serial Number: B10110
Tool Model: 002

Master Calibration Performed: Fri Mar 08 09:16:00 2019
Temperature: 51.2 degF

Sonde Error:

Array	1	2	3	4	5	6	7	
Real	188.1	-11.7	-39.0	-14.9	-1.9	2.0	3.2	mmho/m
Imaginary	-13.9	8.5	-5.4	-11.7	-20.7	-2.4	5.6	mmho/m

Loop Gain:

Array	1	2	3	4	5	6	7	
Loop (real)	537.7	678.5	1295.3	1394.1	1144.8	712.8	404.8	mmho/m
Loop (imaginary)	73.3	92.5	389.8	419.5	344.5	214.5	121.8	mmho/m
Real	758.2	735.6	1253.6	1381.7	1164.3	742.4	424.4	mmho/m
Imaginary	60.0	109.2	384.4	412.6	330.6	220.8	134.7	mmho/m
Gain (real)	0.943	0.908	1.002	0.998	0.982	0.963	0.961	
Gain (imaginary)	0.992	0.918	1.000	0.989	0.981	0.961	0.943	

Before Survey Verification Performed: Wed May 01 12:44:49 2019

Before Survey Verification Performed: Wed May 01 12:44:49 2019
 Sonde 1 Temperature: 77.2 degF
 Sonde 2 Temperature: 78.2 degF
 Array 1 Temperature: 78.3 degF

Array	1	2	3	4	5	6	7
TxIR	-0.0	-0.0	0.1	0.1	0.1	0.1	0.1
TxIX	-0.0	-0.0	-0.2	-0.2	-0.2	-0.2	-0.2
Tx Magnitude	0.0	0.0	0.2	0.2	0.2	0.2	0.2
Gain	105.5	108.5	133.4	132.5	135.0	100.3	144.2
RxCR	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0
RxCX	0.1	0.1	0.2	0.2	0.3	0.1	0.0
RxC Magnitude	0.1	0.1	0.2	0.2	0.3	0.1	0.0

Tool Module Parameters

Software Version: 8.0.0.5
 Borehole Size Source: CALI
 Mud Resistivity Source: Hilchie
 Mud Resistivity At Surface: 0.40 Ohm-m
 Mud Resistivity Surface Temperature: 80.0 degF
 Borehole Corrections: Centralized Lookup Table
 Minimum Standoff: N/A

Multi Array Sonic Calibration Report

Serial Number: C10034LS
 Tool Model: 001LS

Tool Module Parameters

Software Version: 8.0.0.5
 Integrated Transit Time Source: DT100120
 Porosity Source: DT100120
 Porosity Method: Wyllie
 Raymer Hunt Constant: N/A

Micro Electric Log Calibration Report

Serial Number: 10020666
 Tool Model: 001

Caliper Calibration Performed: Wed Mar 27 13:54:25 2019

	Pad Arm			Backup Arm		
	Radius		Reading	Radius		Reading
Small Jig:	4.000	in	1079.500	4.000	in	1216.600
Large Jig:	6.000	in	1483.400	6.000	in	1590.500
Gain:			0.0050			0.0053
Offset:			-1.3454			-2.5076

Pad Calibration

	Inverse	Normal
Gain:	1.0000	1.0000
Offset:	0.0000	0.0000

Tool Module Parameters

Software Version: 8.0.0.6

Litho Density Tool Calibration Report

Serial Number: B10110S70997B
 Tool Model: B10110

Caliper Calibration Performed:

Mon Apr 12 10:43:16 2021

	Diameter		Reading	
Small Ring:	9.000	in	1745.500	cps
Large Ring:	13.000	in	2090.600	cps
Gain:	0.0116			
Offset:	-11.2318			

Master Calibration Performed: Mon Apr 12 10:03:46 2021

Source Number: S70997B
 Medium: Water
 Al Block Density: 2.6018 g/cc

	Background	Al Block	Al Block + Fe	
SS1	704.6	4177.6	3606.5	cps
SS2	1986.7	28467.4	24577.7	cps
SSTOTAL	4654.7	45568.2	39008.7	cps
LITH	88.3	486.4	298.1	cps
LL	175.8	806.8	724.2	cps
LU	496.0	1036.1	973.2	cps
LS	671.8	1842.9	1697.4	cps
LSTOTAL	1263.5	4518.5	3736.7	cps
SSHV	1464.1	1466.3	1468.1	V
LSHV	1311.8	1313.9	1314.8	V
SSFF	-0.001	0.009	0.003	
LSFF	0.004	-0.002	0.005	

Before Survey Verification Performed: Mon Apr 12 10:20:57 2021
 After Survey Verification Performed: Mon Apr 12 10:27:19 2021

	Master Background	Before Survey Background	After Survey Background	
SS1	704.6	706.3	700.5	cps
SS2	1986.7	1986.9	1985.8	cps
SSTOTAL	4654.7	4662.7	4651.8	cps
LITH	88.3	87.7	86.1	cps
LL	175.8	173.3	174.9	cps
LU	496.0	497.0	491.0	cps
LS	671.8	670.3	665.9	cps
LSTOTAL	1263.5	1259.3	1254.1	cps
SSHV	1464.1	1470.0	1469.7	V
LSHV	1311.8	1315.8	1315.8	V
SSFF	-0.001	-0.006	-0.007	
LSFF	0.004	0.003	-0.006	

Tool Module Parameters

Software Version: 8.0.0.8
 Borehole Size Source: CALI
 Pad Type: 2

Compensated Neutron Tool Calibration Report

Serial Number: C10071S1414NC
 Tool Model: 009

Master Calibration Performed: Mon Apr 12 11:06:22 2021

Source Number: 1414NC

Short Spacing Counts: 5574.20 cps

Short Spacing Counts: 200.36 cps
 Long Spacing Counts: 1363.95 V
 High Voltage: 1363.95
 Target Ratio: 27.2000
 Ratio: 27.8204
 K-Factor: 0.9777

Before Survey Verification Performed: Mon Apr 12 11:24:08 2021
 After Survey Verification Performed: Mon Apr 12 11:25:20 2021

Verifier Number: 6489

Verifier Values	Master Cal	Before Survey	After Survey	
Short Spacing Counts:	251.96	249.10	251.53	cps
Long Spacing Counts:	238.16	236.70	236.61	cps
High Voltage:	1363.94	1363.94	1363.94	V
Ratio:	1.0579	1.0524	1.0631	

Tool Module Parameters

Software Version: 8.0.0.6
 Borehole Size Source: CALI
 Clip Crossplot Porosity: YES
 Lithology Identification Parameters:

	Calcite	Quartz	Dolomite	
Uma:	13.77	4.79	9.03	barns/cc
RHOma:	2.71	2.65	2.88	g/cc

Spectral Gamma Ray Calibration Report

Serial Number: 220365
 Tool Model: 004

Performed: Wed Dec 04 13:01:45 2013

Source Number: JL0101912-05
 Calibrator Value: 207.0 API
 Background Reading: 132.5 cps
 Calibrator Reading: 1445.8 cps
 Sensitivity: 0.158 API / cps

Performed: Wed Dec 04 12:50:15 2013

Verifier Number: 571

Concentrations	K %	U ppm	T ppm
	5.4	11.4	29.3

 K Peak: Passed
 U Peak: Passed
 T Peak: Passed

Before Survey Verification Performed: Mon Apr 08 16:13:39 2013
 After Survey Verification Performed: Fri Aug 23 11:55:10 2013

	Before Survey	After Survey	
Background Reading:	140.7	141.7	cps
Verifier Reading:	1037.0	1689.1	cps
K Peak:	Passed	Passed	
U Peak:	Passed	Passed	
T Peak:	Passed	Passed	

Tool Module Parameters

Software Version: 8.0.0.6

Software Version: 8.0.0.6
 Borehole Correction: No
 Stand Off: N/A
 Mud Type: N/A
 Borehole Size Source: N/A

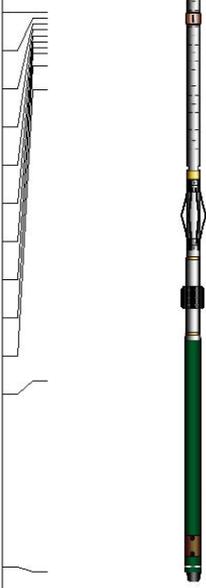
Head Tension Unit Calibration Report

Serial Number: 10011393
 Tool Model: 011

Performed: Mon Apr 08 15:42:31 2019

Point #	Reference		Reading	
1	-20000.000	lb	7165.060	cps
2	-15000.000	lb	12293.900	cps
3	-10000.000	lb	17436.600	cps
4	-5000.000	lb	22464.900	cps
5	0.000	lb	27561.700	cps
6	0.100	lb	27597.900	cps
7	5000.000	lb	32803.200	cps
8	10000.000	lb	38009.700	cps
9	15000.000	lb	43203.900	cps
10	20000.000	lb	48441.900	cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)			
HTEN	72.11		CHD-WFT (WFT01) Weatherford Cable Head	2.67	2.25	15.00			
			X-Over-WFT (0001) Weatherford X-Over	1.13	3.38	5.00			
			XTU-008 (10001399) Crossover Ultrawire Toolbus to Ultralink	2.08	3.38	47.00			
			HTU-011 (10011393) Head Tension Unit	2.18	3.38	55.00			
SGR	67.62			SGR-004 (220365) Spectral Gamma Ray Tool	4.94	3.88	120.00		
				CNL-009 (C10071S1414NC) Compensated Neutron Logging Tool	5.28	3.38	100.00		
CNLSC CNSSC	62.72								
	62.22								
LDT	52.56					LDT-B10110 (B10110S70997B) Litho Density Tool	9.75	4.50	310.00
						KJT-001 (10010515) Knuckle Joint	2.86	3.38	72.00
		OJT-001 (000001) OH Offset Joint				1.00	3.38	56.00	
		CEN-001 (C10025) Inline OH Springbow Centraliser				4.27	3.38	66.00	
MEL	35.21					MEL-001 (10020666) Micro Electric Log	9.17	3.38	190.00

WVFATR8	23.92		MAS-001LS (C10034LS) Multi Array Sonic Tool (LS)	19.83	3.38	340.00	
WVFATR7	23.67						
WVFATR6	23.42						
WVFATR5	23.17						
WVFATR4	22.92						
WVFATR3	22.67			Overbody-Over-cen Overbody Centralizer	3.00	3.38	10.00
WVFATR2	22.42			Overbody-Standoff Standoff (Rubber)	1.00	4.50	4.00
WVFATR1	22.17						
WVF5FT	21.67						
WVF3FT	20.67						
IAT	8.44		IAT-002 (B10110) Induction Array Tool	13.22	3.88	196.00	
SP	0.43		Shorty-Short Short Hole Finder	0.38	3.88	6.00	

Dataset: black oak-taylor trust 1-17_2.db: field/well/run1/pass5
Total length: 78.75 ft
Total weight: 1592.00 lb
O.D.: 4.50 in



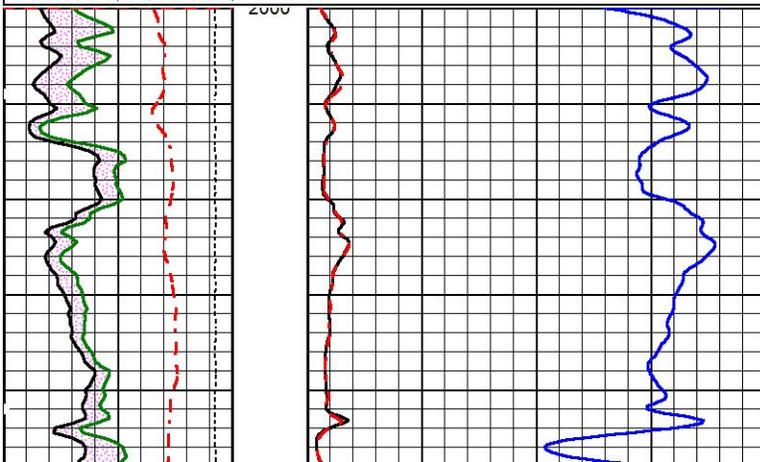
Company Black Oak Exploration, LLC.
Well Taylor Trust 1-17
Field Mellard East
County Russell
State Kansas

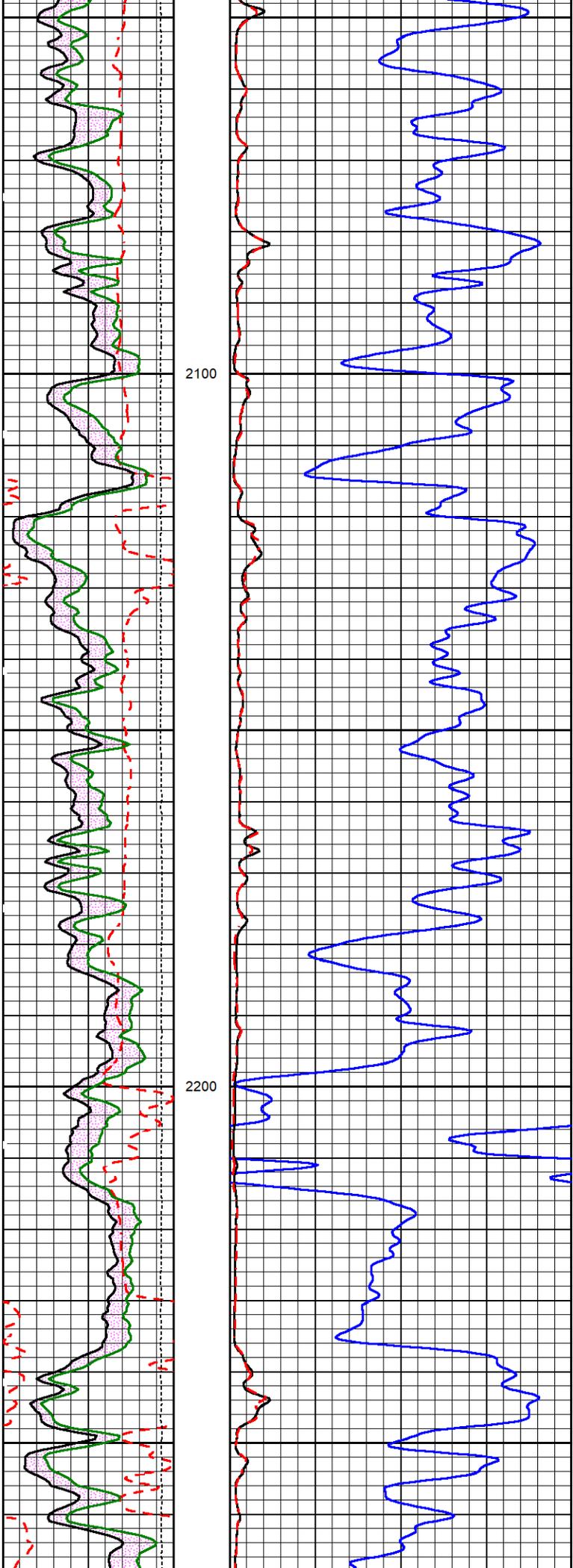


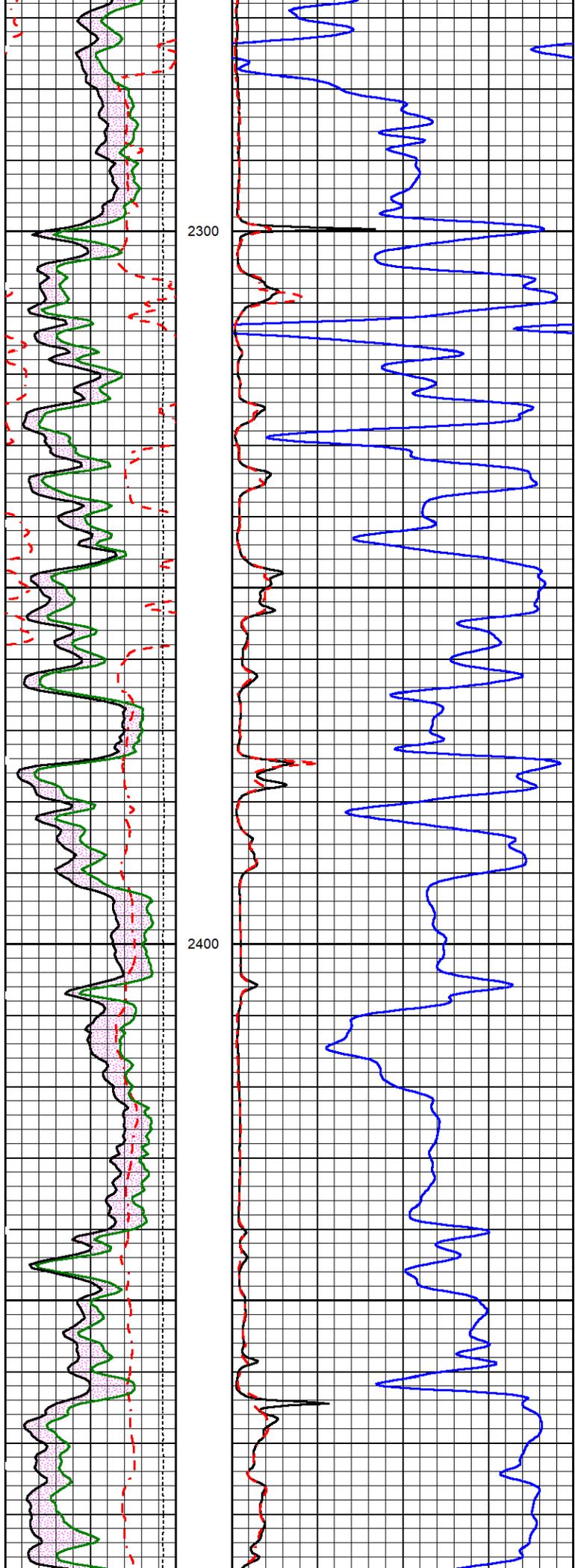
Main Pass

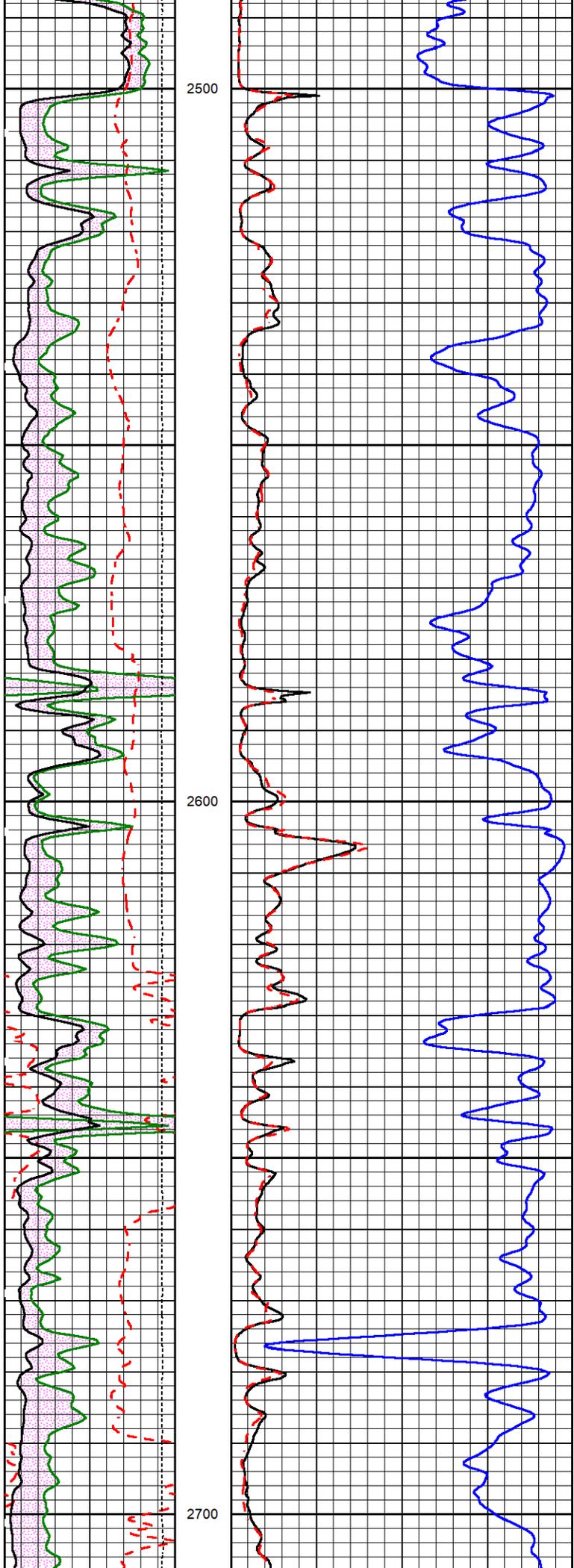
Database File black oak-taylor trust 1-17_2.db
Dataset Pathname pass7
Presentation Format OKC-AC~1
Dataset Creation Wed May 19 10:18:36 2021
Charted by Depth in Feet scaled 1:240

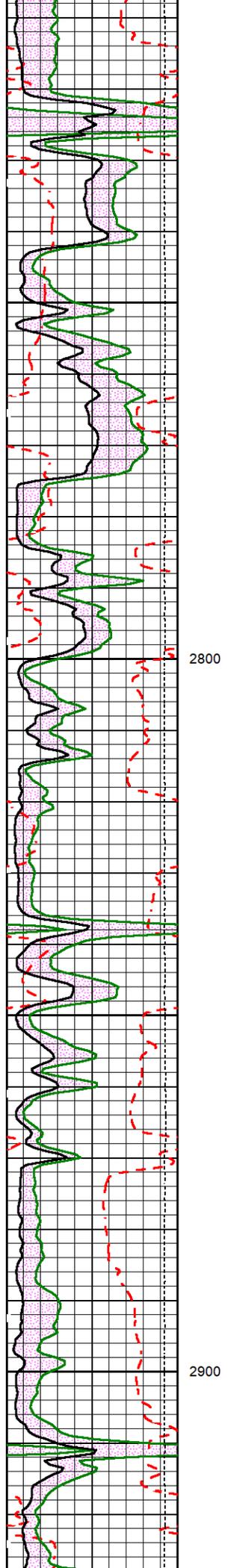
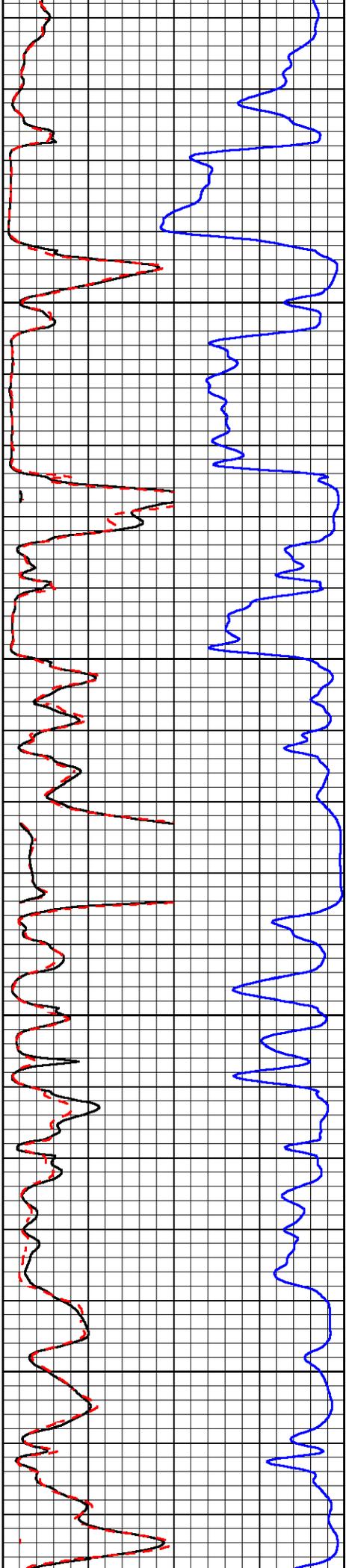
SP (mV)	1000	90° Conductivity (mmho/m)	0
Total Gamma Ray (GAPI)	0 150	Shallow Resistivity (Ohm-m)	0 50
Uranium Free Gamma (GAPI)	0 150	Deep Resistivity (Ohm-m)	0 50
Head Tension (lb)	50 10000	Deep	500
		Shallow	500

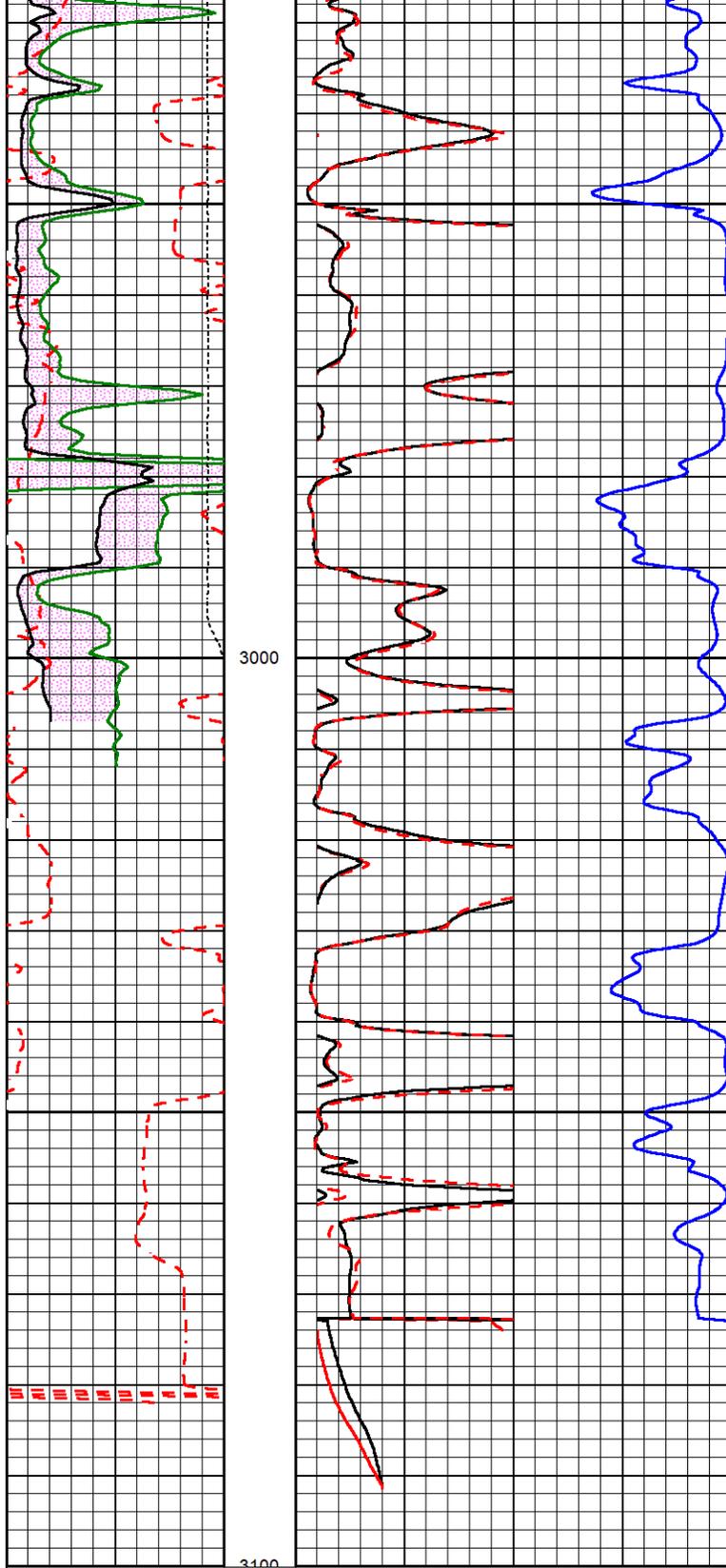












3000

3100

SP (mV)	
Total Gamma Ray	
0	150
(GAPI)	
Uranium Free Gamma	
0	150
(GAPI)	
Head Tension	
(lb)	
10000	0

1000	90° Conductivity (mmho/m)	0
Shallow Resistivity		
0	(Ohm-m)	50
Deep Resistivity		
0	(Ohm-m)	50
50	Deep	500
50	Shallow	500