COMPENSATED DENSITY NEUTRON LOG

GEMINI WIRELINE

Company King Oil Operations
Well Stevenson #1-10
Field Wildcat
County Gove State Kansas

Location: API # : 15 063 22341
1575' FNL & 1830' FWL
SEC 9 TWP 13S RGE 31W

Other Services
DIL

Elevation
K.B. 2953'
D.F. 2952'
G.L. 2945'

Permanent Datum Ground Level Elevation 2945'
Log Measured From KB 8' AGL
Drilling Measured From KB

Company	King Oil Operations		
Well	Stevenson #1-10		
Field	Wildcat		
County	Gove		
State	Kansas		
Date	9-19-18		
Run Number	One		
Depth Driller	4669'		
Depth Logger	4674'		
Bottom Logged Interval	4652'		
Top Log Interval	3600'		
Casing Driller	8 5/8" @ 220'		
Casing Logger	220'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.2/60		
pH / Fluid Loss	9.0/8.8	Chloride 7,000 PPM	
Source of Sample	Pit		
Rm @ Meas. Temp	0.8@86degf		
Rmf @ Meas. Temp	0.60@86degf		
Rmc @ Meas. Temp	0.96@86degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	0.59@117degf		
Time Circulation Stopped	6:30 a.m		
Time Logger on Bottom	9:45 a.m		
Maximum Recorded Temperature	117degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	C.Patterson		
Witnessed By	Mr. Jason T Alm		

<<< Fold Here >>>

Comments

South out of Oakley on 83 Hwy. 12 mi. to Gove Rd.(Seneca/Gove S Rd.),
Then go 6 mi. East on Gove Rd.(Seneca/Gove S RD.) to 16 Rd.
Then South on 16 Rd. Approx. 1 mi. East into Location(Before farm house drive way)

Thanks for using Gemini Wireline LLC
785-625-1182

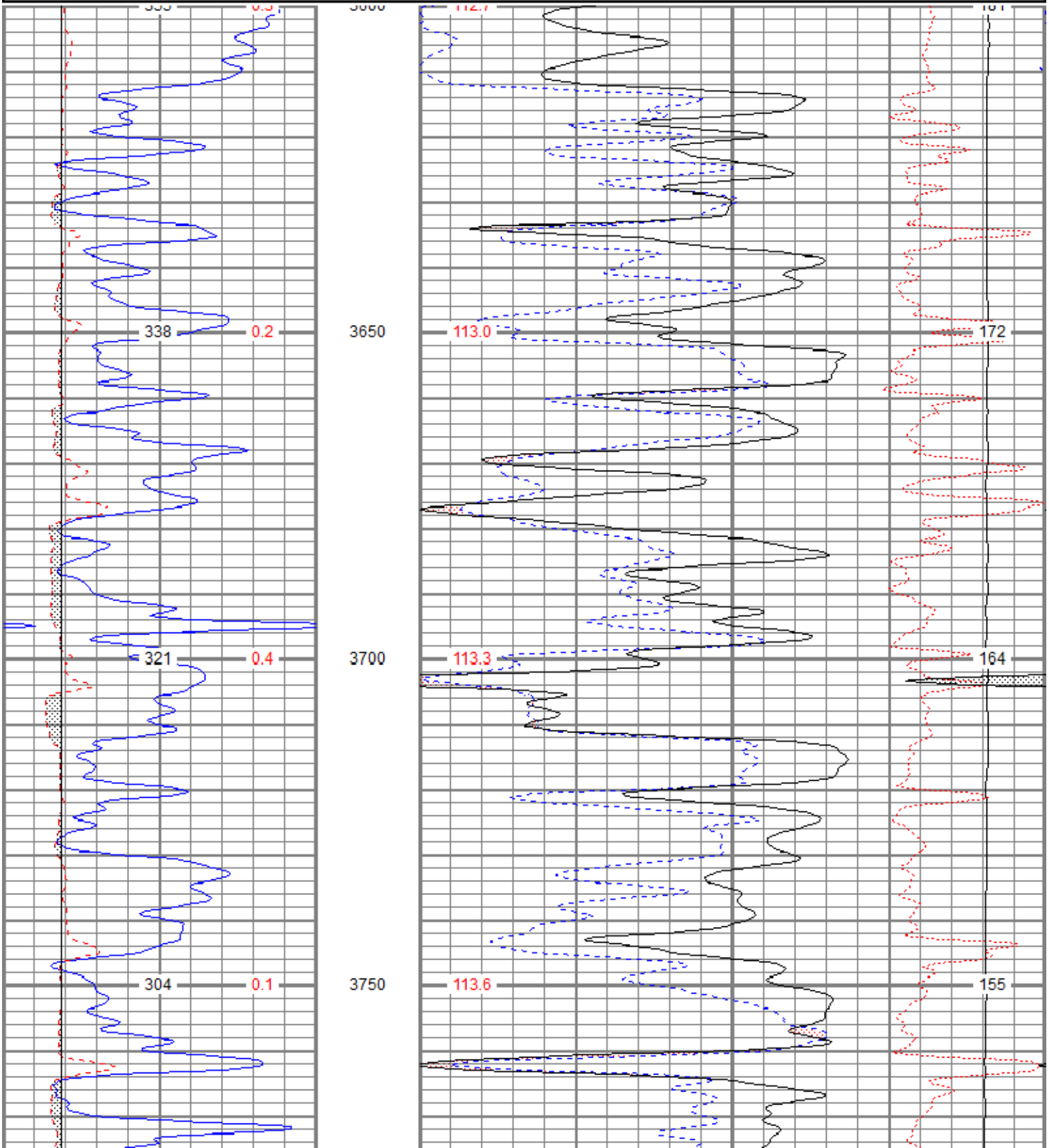
GEMINI WIRELINE

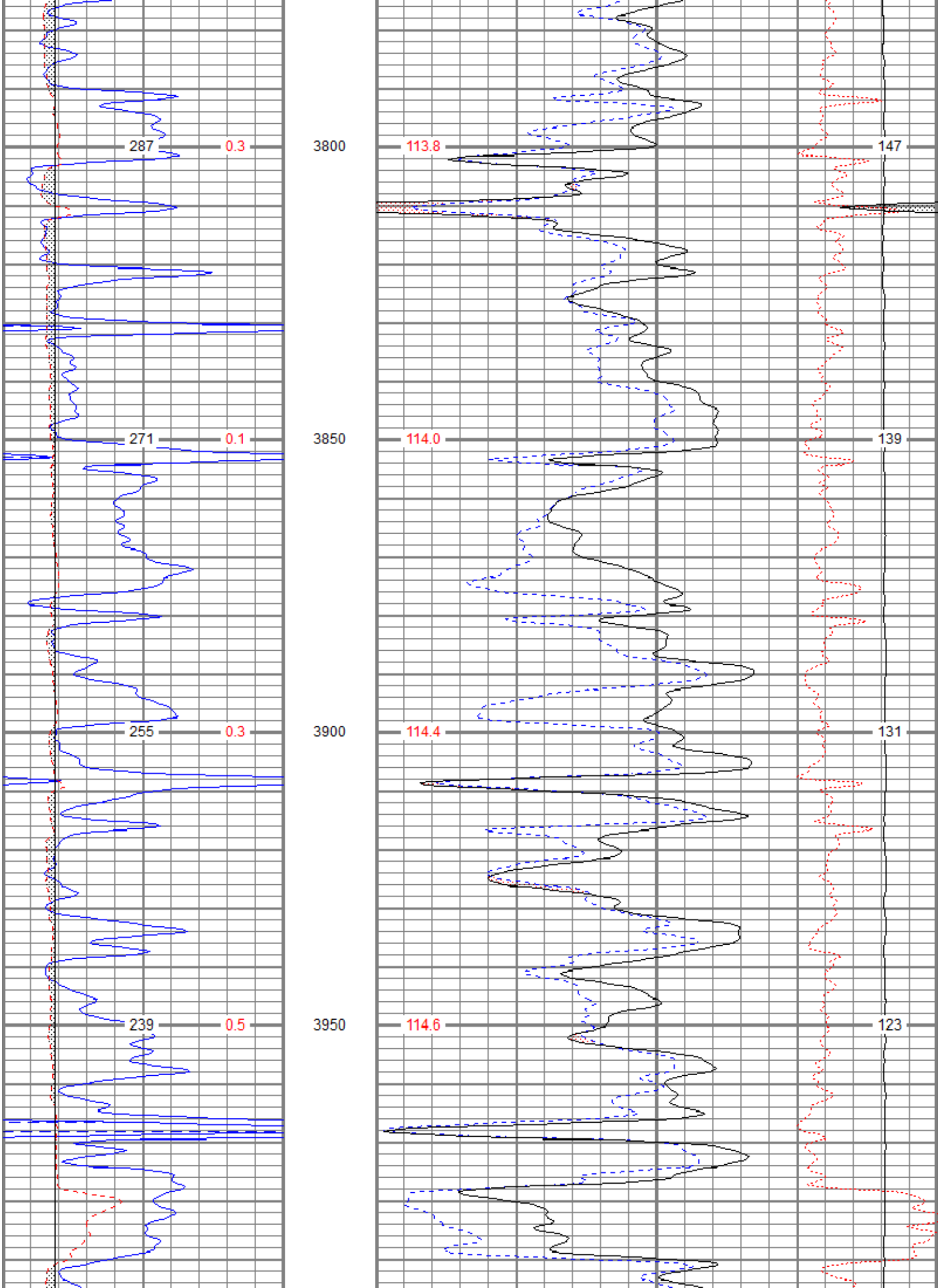
MAIN PASS

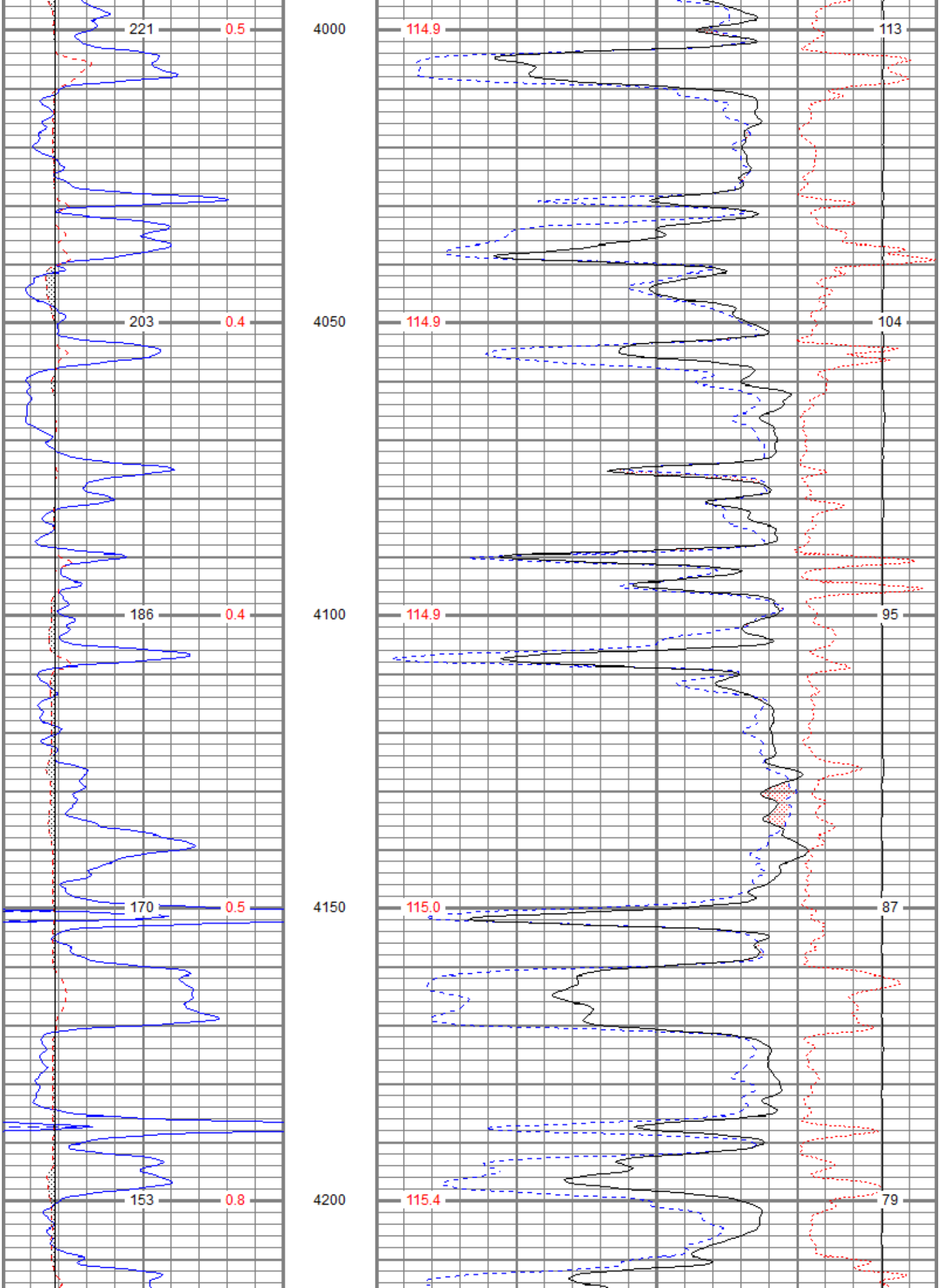
Database File	kostevenson #1-10.db
Dataset Pathname	pass2.1
Presentation Format	digital_kcdnl
Dataset Creation	Wed Sep 19 11:14:14 2018
Charted by	Depth in Feet scaled 1:240

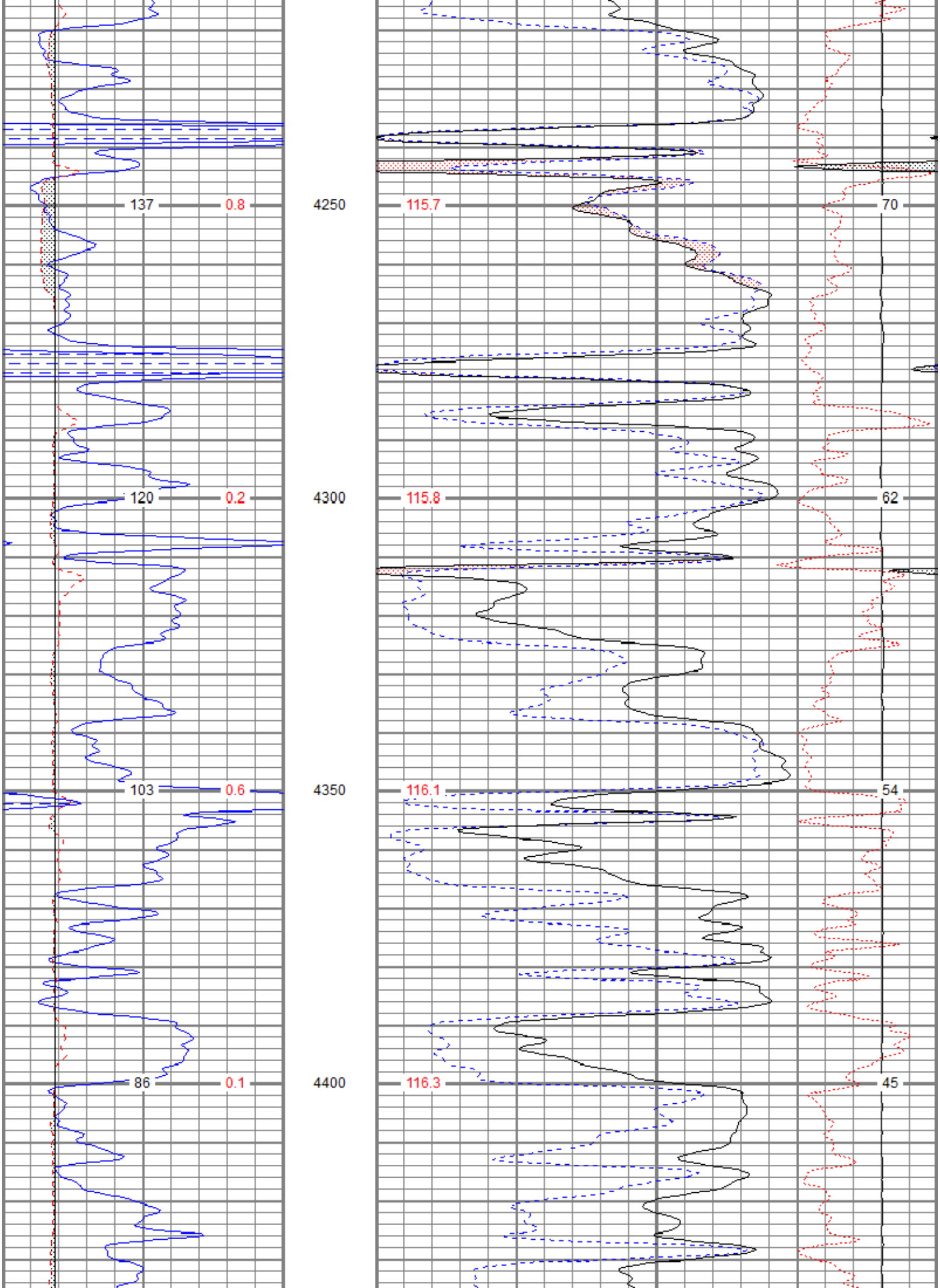
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3) / DEVI (deg)	

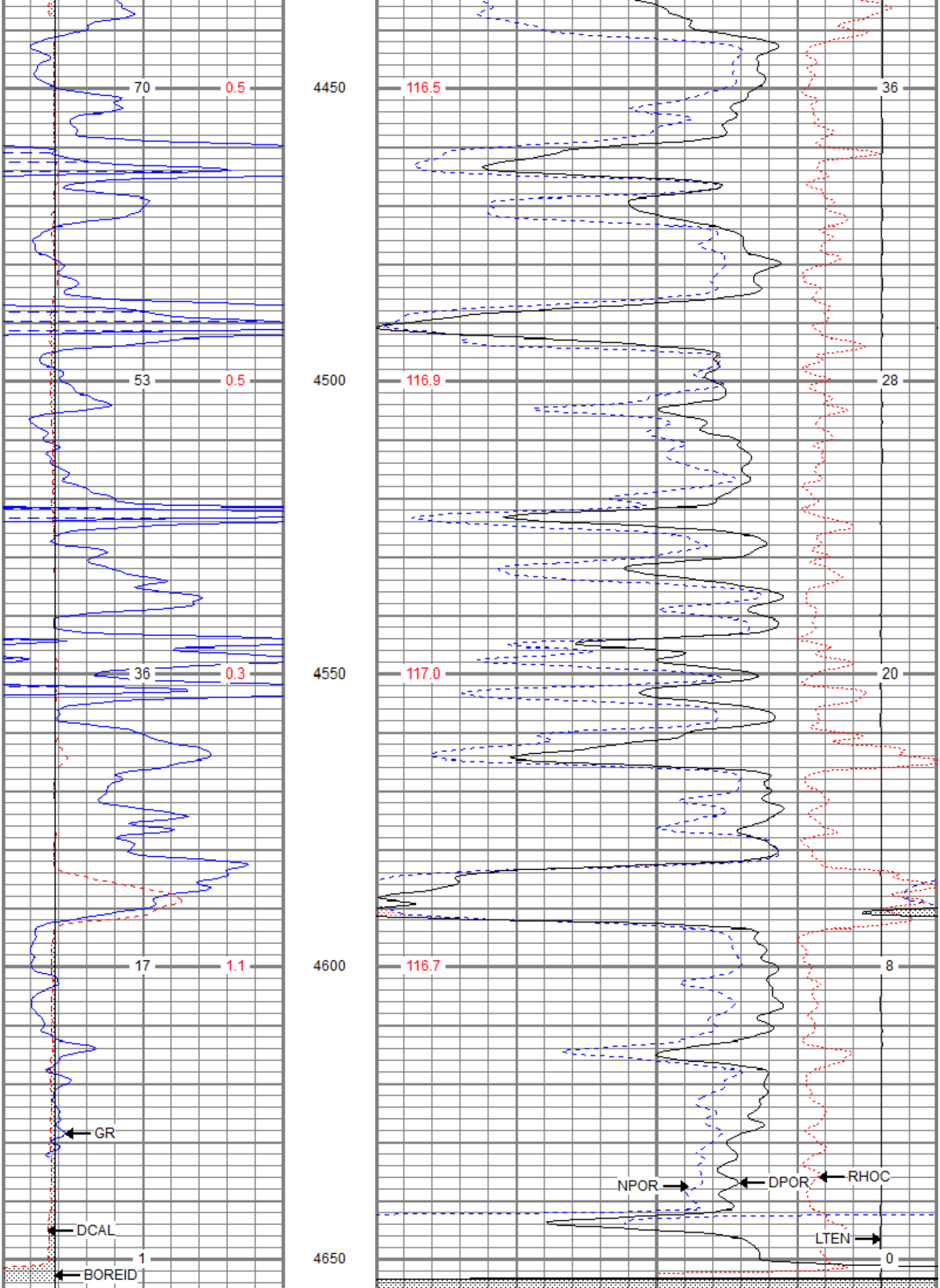
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
TEMP (degF)	-0.25 RHOC (g/cc) 0.25	
	8000 LTEN (lb) 0	
	ABHV (ft3)	

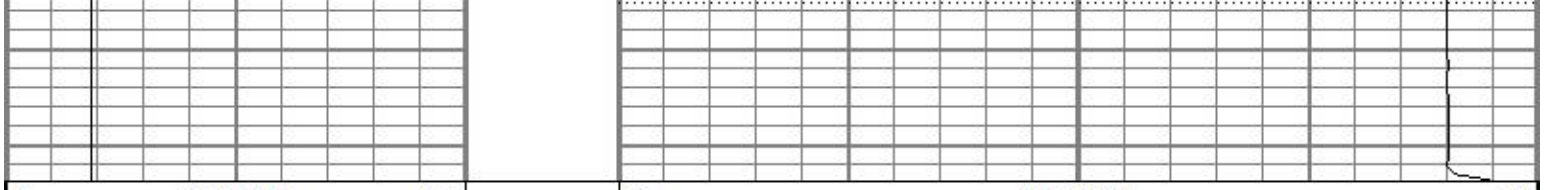



287
0.3
3800
113.8
147
271
0.1
3850
114.0
139
255
0.3
3900
114.4
131
239
0.5
3950
114.6
123


221
0.5
4000
114.9
113
203
0.4
4050
114.9
104
186
0.4
4100
114.9
95
170
0.5
4150
115.0
87
153
0.8
4200
115.4
79


137
0.8
4250
115.7
70
120
0.2
4300
115.8
62
103
0.6
4350
116.1
54
86
0.1
4400
116.3
45


70
0.5
4450
116.5
36
53
0.5
4500
116.9
28
36
0.3
4550
117.0
20
17
1.1
4600
116.7
8
GR
NPOR
DPOR
RHOC
DCAL
LTEN
1
4650
0
BOREID



0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
TBHV (ft3)	DEVI (deg)	

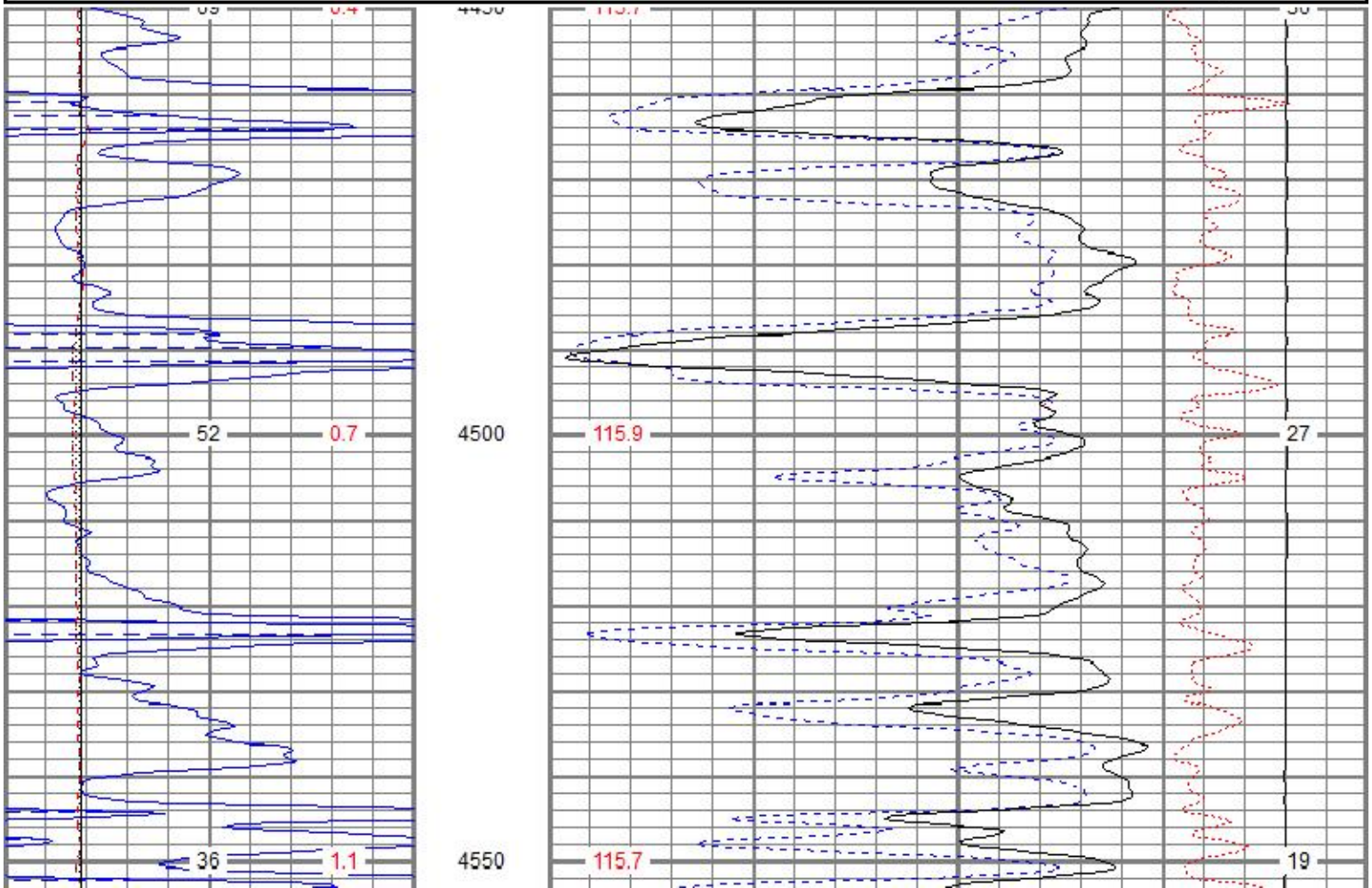
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
TEMP (degF)	-0.25 RHOC (g/cc)	0.25
	8000 LTEN (lb)	0
		ABHV (ft3)

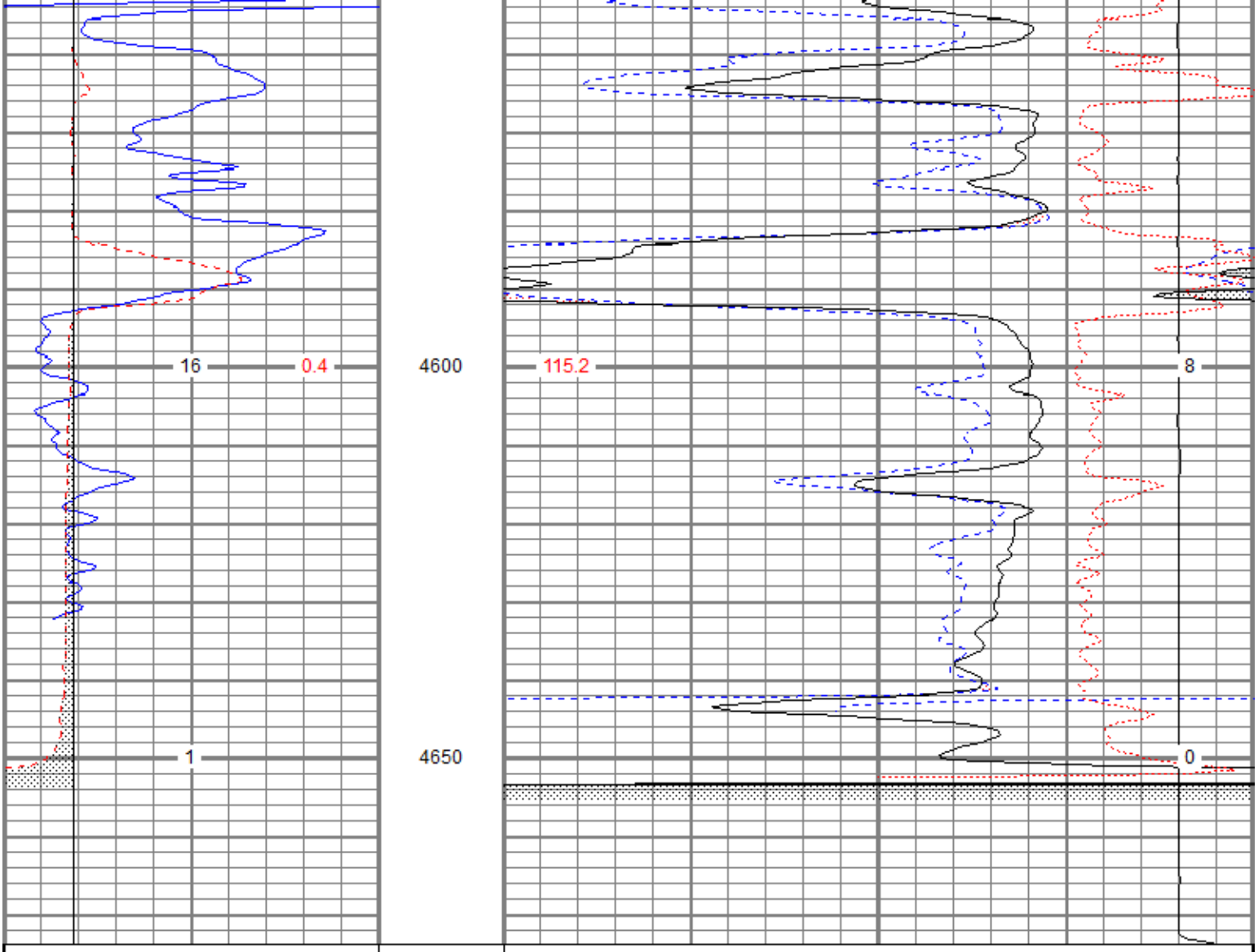
REPEAT SECTION

Database File	kostevenson #1-10.db
Dataset Pathname	pass1.1
Presentation Format	digital_kcdnl
Dataset Creation	Wed Sep 19 10:30:49 2018
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
TBHV (ft3)	DEVI (deg)	

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
TEMP (degF)	-0.25 RHOC (g/cc)	0.25
	8000 LTEN (lb)	0
		ABHV (ft3)





Calibration Report

Database File	kostevenson #1-10.db
Dataset Pathname	pass2.1
Dataset Creation	Wed Sep 19 11:14:14 2018

Dual Induction Calibration Report

Serial-Model:	1989-ADM
Surface Cal Performed:	Wed Jun 06 19:34:10 2018
Downhole Cal Performed:	Wed Jun 06 19:34:10 2018
After Survey Verification Performed:	Wed Jun 06 19:34:10 2018

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.012	0.665	V	0.000	350.000	mmho/m	516.748	6.134
Medium	-0.013	0.752	V	0.000	400.000	mmho/m	522.482	6.987

Internal:	Zero	Cal		Zero	Cal		m	b

Deep	-0.011	0.668	V	0.000	350.000	mmho/m	515.730	5.704
Medium	-0.015	0.752	V	0.000	550.000	mmho/m	716.653	10.787

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.000	0.000	mmho/m	0.419	351.110	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-0.877	400.105	mmho/m	1.000	0.000
Shallow	2.502	0.040	V	500.000	2.000	Ohm-m	195.000	-2.626

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	1.000	0.000
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Neutron Calibration Report

Serial Number:	ADM5139	
Tool Model:	lithogearhart	
Performed:	(Not Performed)	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Temperature Calibration Report

Serial Number:	WithMC			
Tool Model:	WMC			
Performed:	(Not Performed)			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	1.00	degF	1.00	degF
Gain:	1.00			
Offset:	0.00			
Delta Spacing	1			

Inclinometer Calibration Report

Performed: Mon Aug 07 11:02:07 2017

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Gamma Ray Calibration Report

Serial Number:	WithMC
Tool Model:	WMC
Performed:	Mon Aug 07 11:03:41 2017

Performed:	Mon Aug 07 11:03:41 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.9000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STD	0.50	1.69	1.00
GR	38.71					
ACCY	37.54		ADT-WMC (WithMC) Admyr Telemetry With Mudcell	4.58	3.50	120.00
ACCX	37.54					
SSTAT	37.13					
PSTAT	36.29					
ASTAT	36.29		NEU-lithogearhart (ADM5139)	5.65	3.50	85.00
GRD	35.46					
TEMP	35.46					
NEU	32.09					
			CDL-GEARHART (2501)	9.69	4.00	240.00
LSD	22.02					
DCAL	21.73					
SSD	21.48					
SP	10.60		DIL-ADM (1989) Dual Induction	19.71	4.00	300.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					

Dataset:	kostevenson #1-10.db: field/well/run1/pass2.1
Total length:	40.13 ft
Total weight:	746.00 lb
O.D.:	4.00 in