



COMPENSATED DENSITY NEUTRON/PE LOG

Company Palomino Petroleum		Company Palomino Petroleum	
Well	ABS #1	Well	ABS #1
Field	Wildcat	Field	Wildcat
County	Ness	County	Ness
State	Kansas	State	Kansas
Location:		API #: 15 135 25922	
SEC 18 TWP 17S RGE 26W		2394' FNL & 2467' FEL	
Permanent Datum	Ground Level	Elevation	2556'
Log Measured From	KB 11' AGL		
Drilling Measured From	KB		
Other Services		Elevation	
CDNL		K.B. 2567'	
ML		D.F. 2566'	
		G.L. 2556'	
Date	9-3-16		
Run Number	One		
Depth Driller	4652'		
Depth Logger	4654'		
Bottom Logged Interval	4631'		
Top Log Interval	3500'		
Casing Driller	8 5/8" @ 218'		
Casing Logger	218'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.3/50		
pH / Fluid Loss	10/8.8		
Source of Sample	Pit		
Rm @ Meas. Temp	2.0@74degf		
Rmf @ Meas. Temp	1.5@74degf		
Rmc @ Meas. Temp	2.4@74degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.29@114degf		
Time Circulation Stopped	2.00 a.m.		
Time Logger on Bottom	4.30 a.m.		
Maximum Recorded Temperature	114degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	Gus Pfannenstiel		
Witnessed By	Mr. Ryan Seib		

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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

Thanks for using Gemini Wireline LLC
785-625-1182
Utica West to B Rd. South to 220Rd.
West 1 3/4 mile South into.



Main Pass

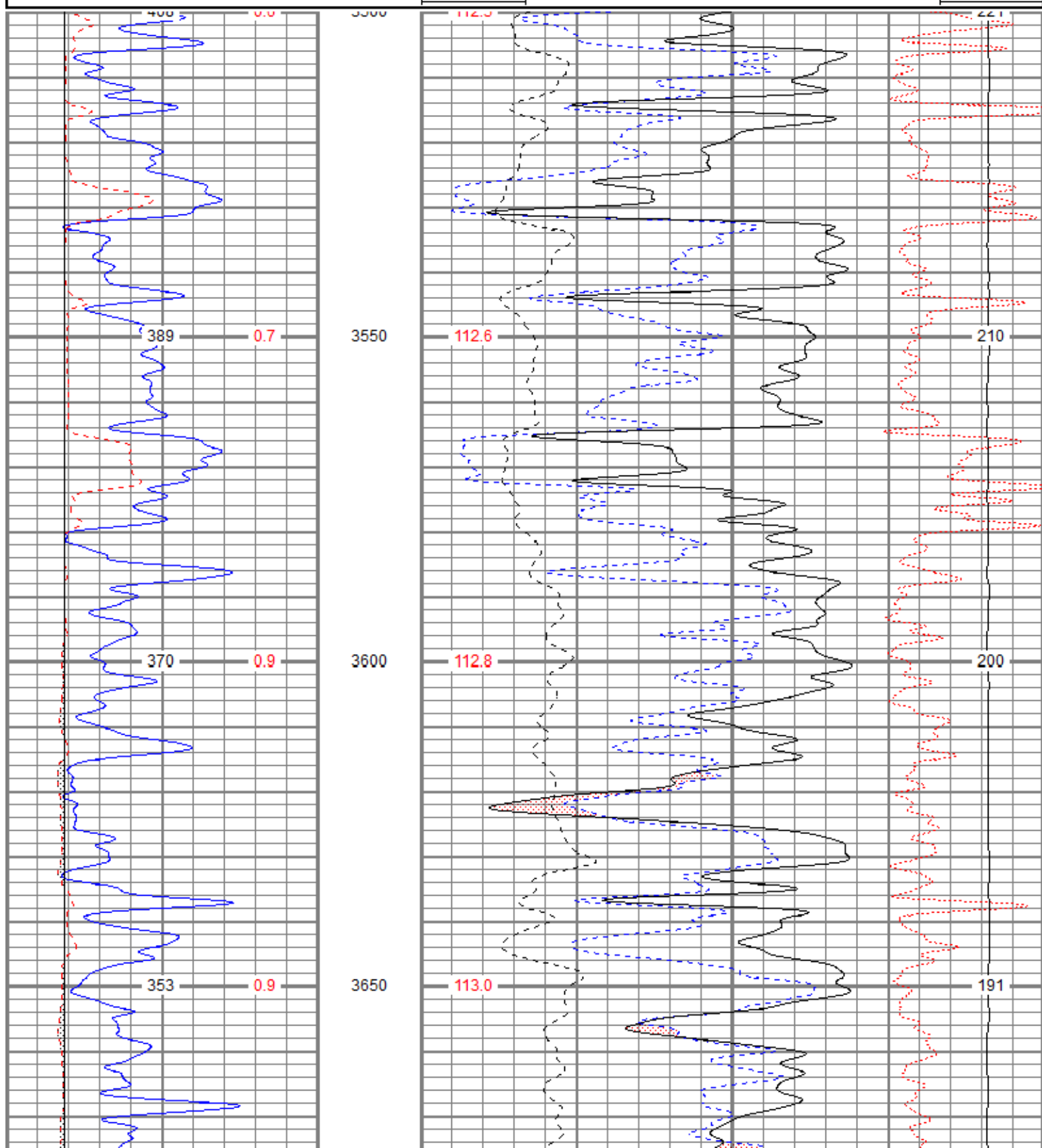
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 Dataset Pathname pass3.1
 Presentation Format DIGITA~1
 Dataset Creation Sat Sep 03 05:12:04 2016
 Charted by Depth in Feet scaled 1:240

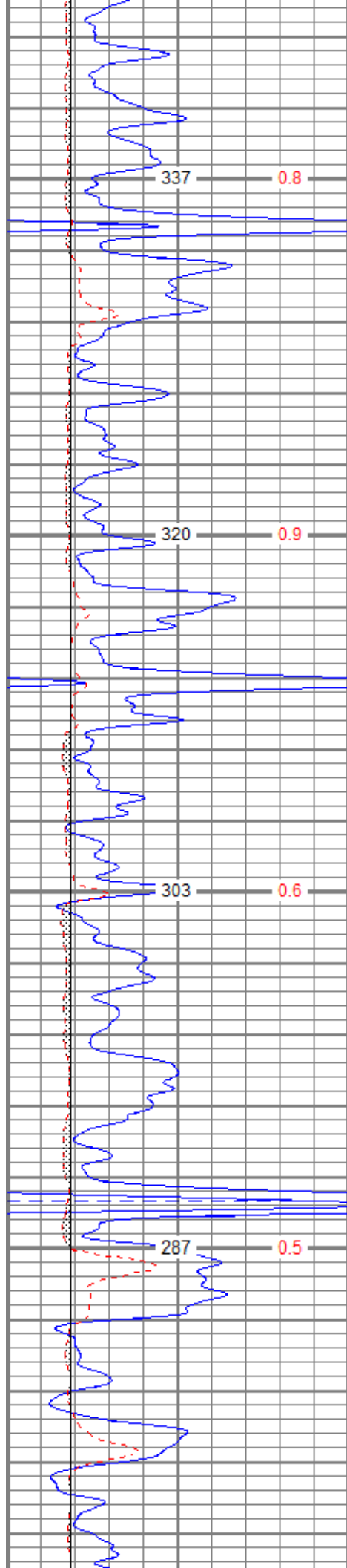
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

TBHV (ft3)	DEVI (deg)
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30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

0	Pe (barn)	10	-0.25	RHOC (g/cc)	0.25
TEMP		8000		LTEN (lb)	0
(degF)					ABHV (ft3)





3700

113.1

183

3750

113.2

174

3800

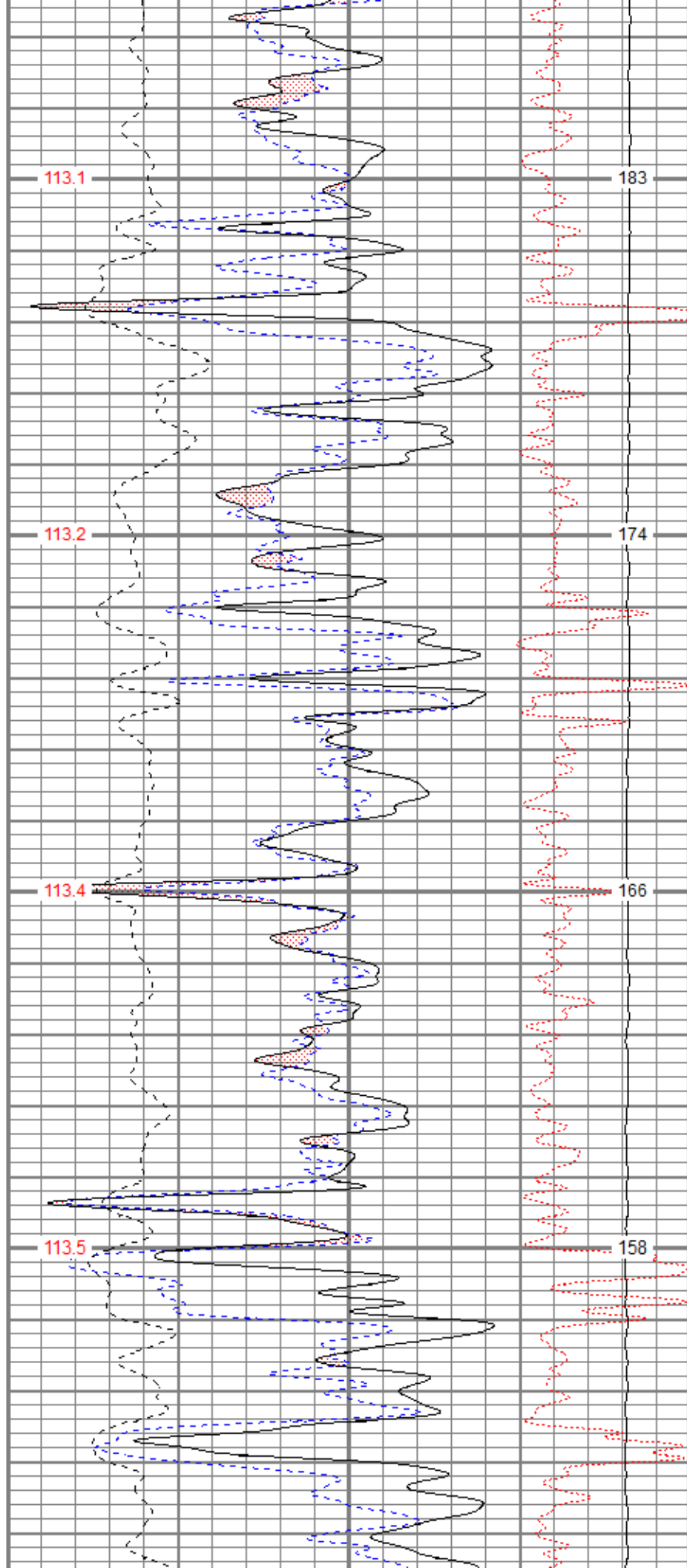
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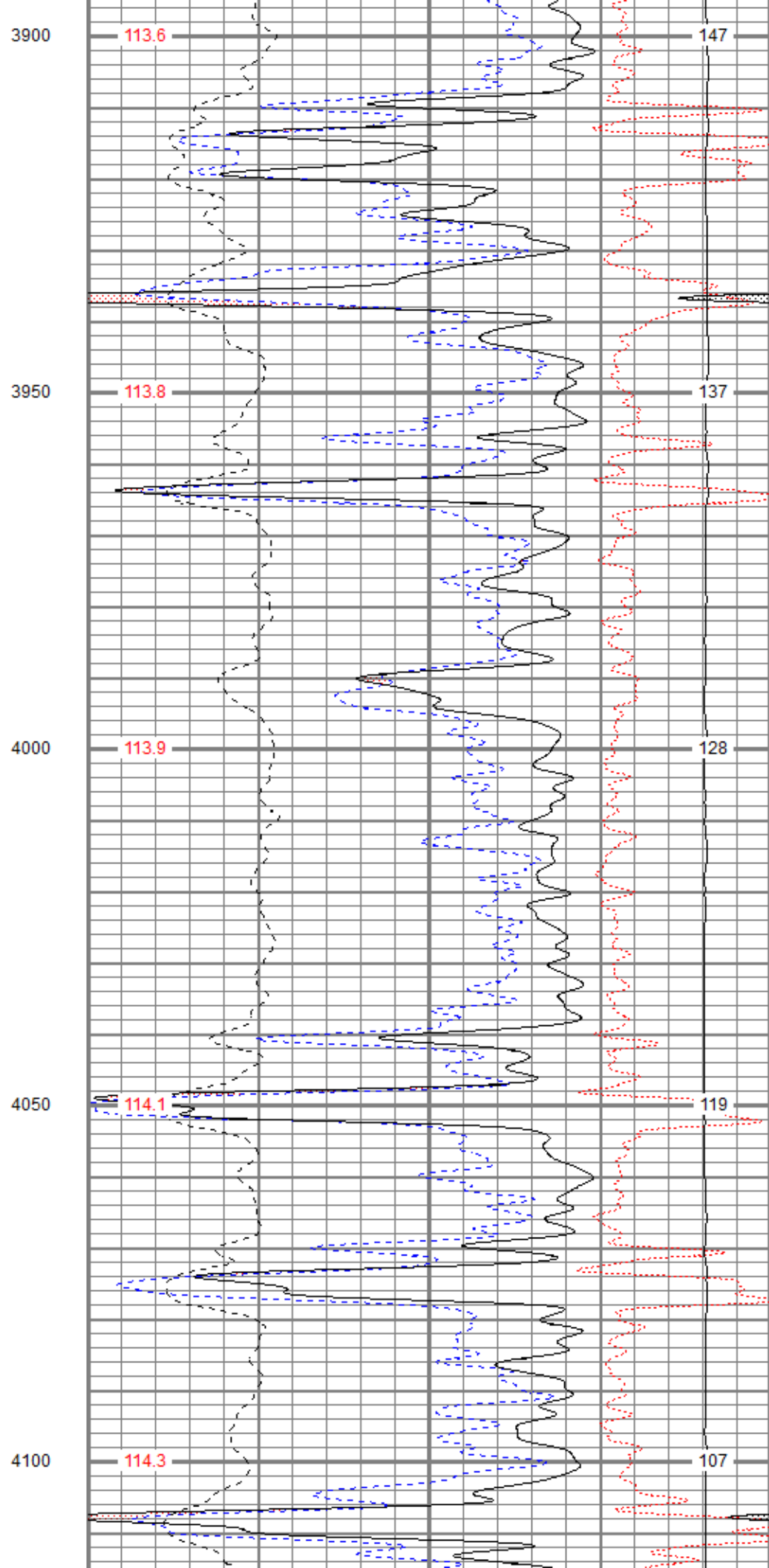
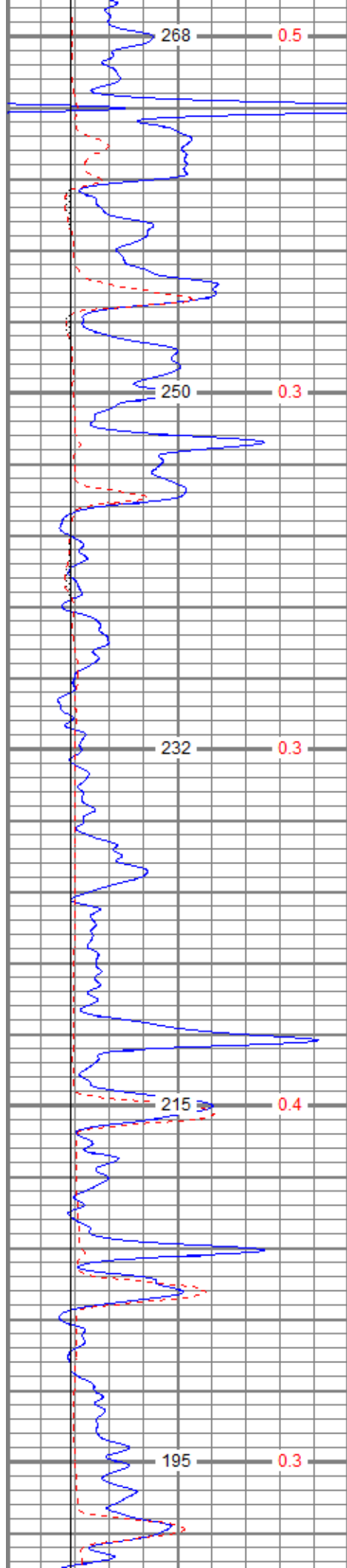
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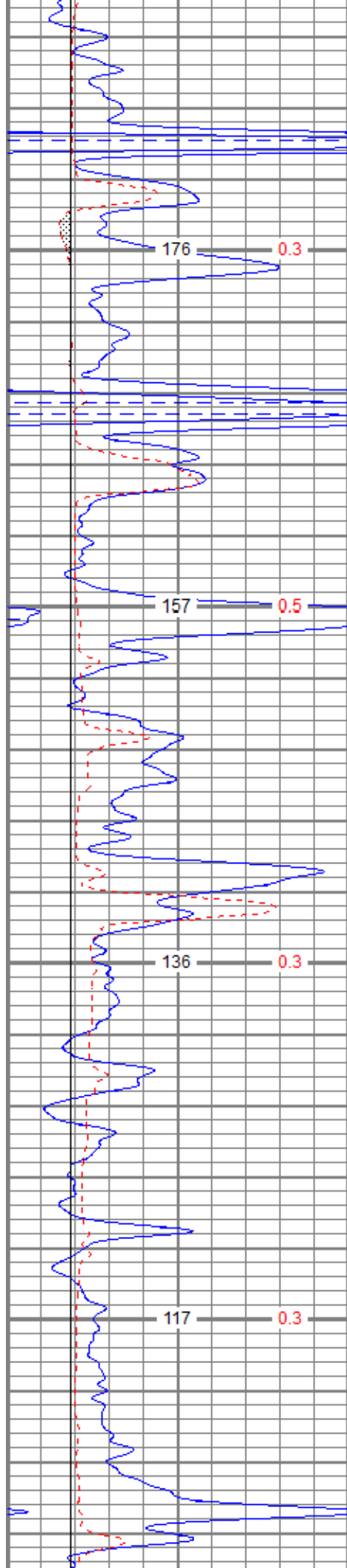
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113.5

158





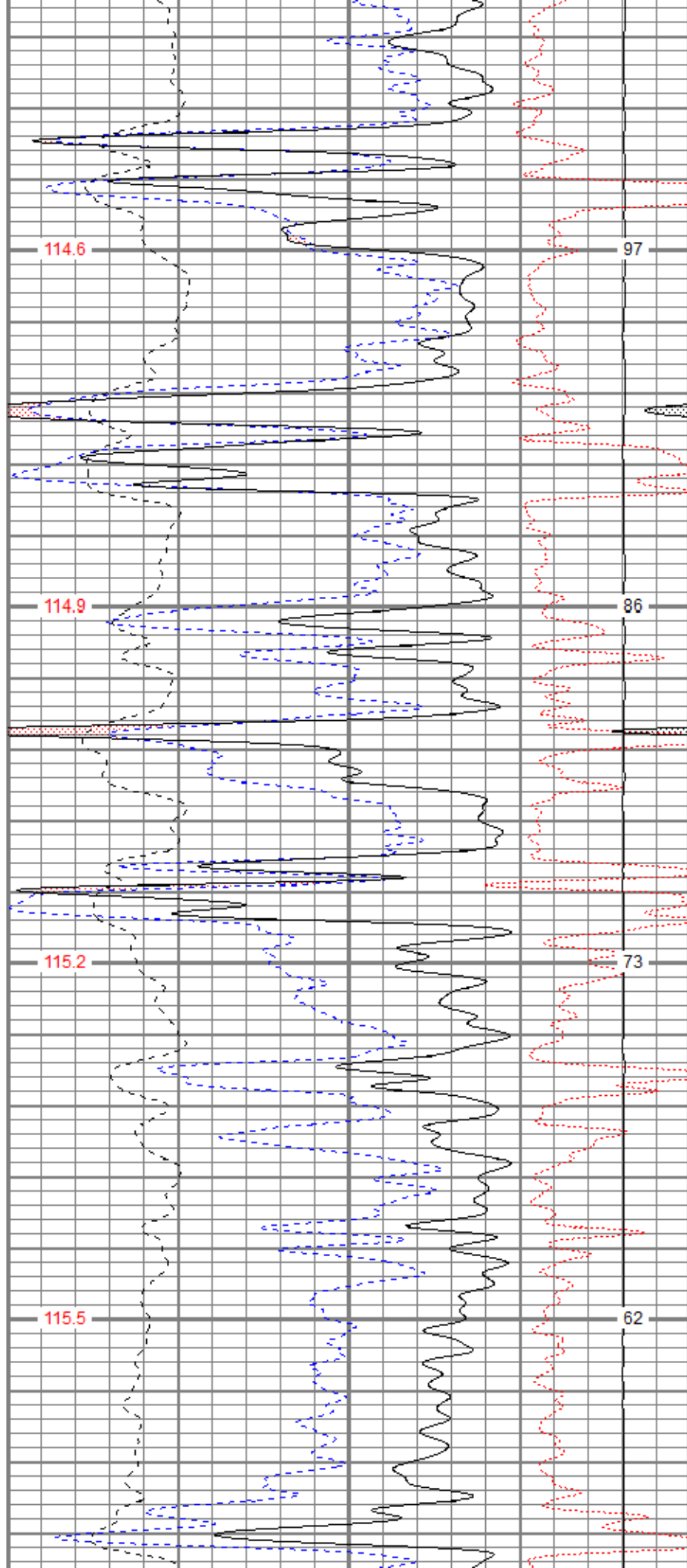


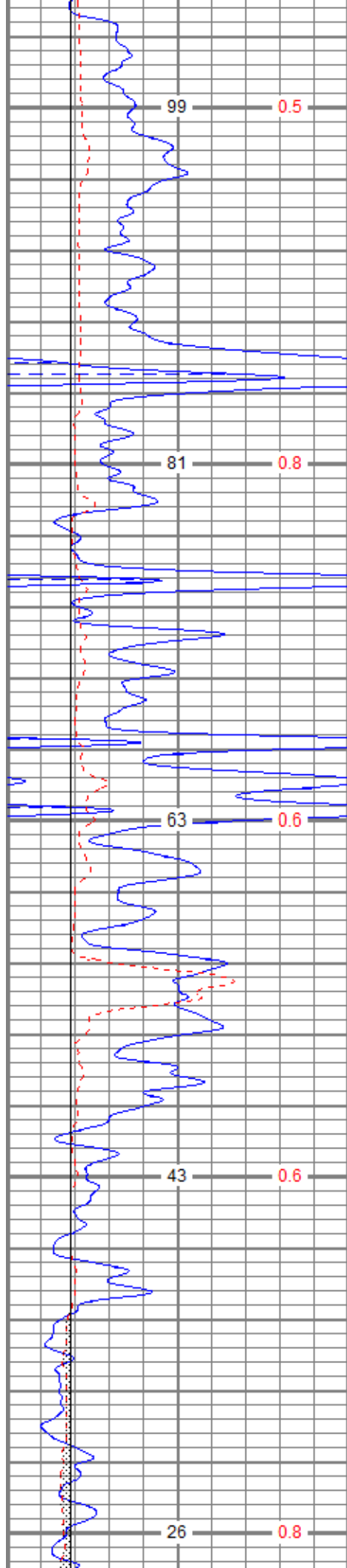
4150

4200

4250

4300





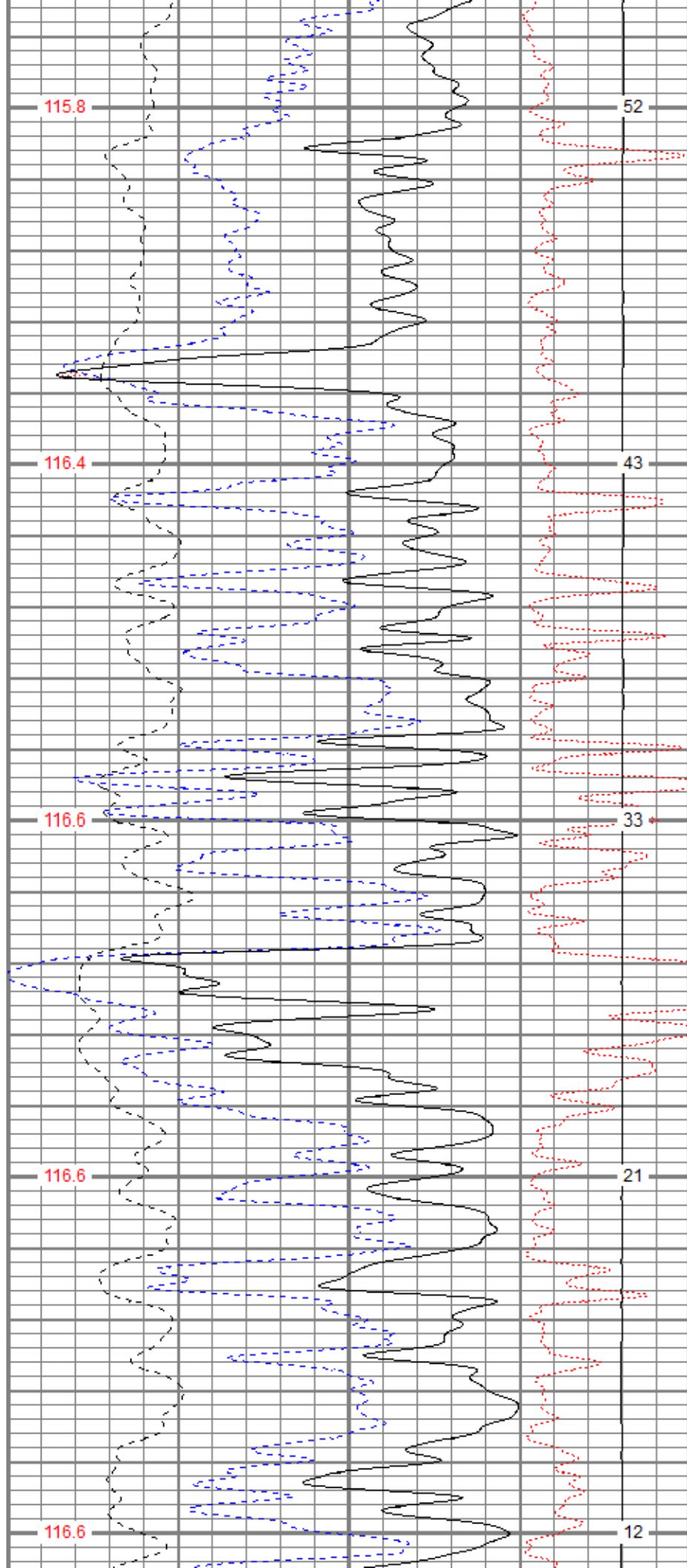
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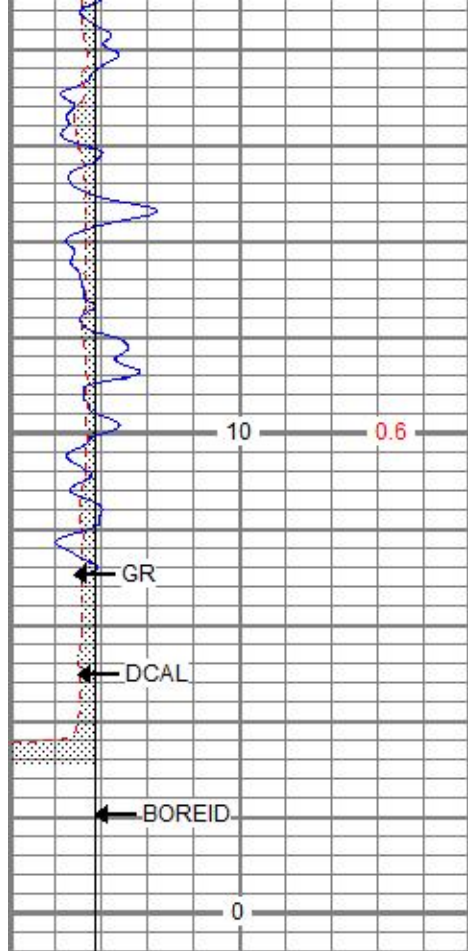
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4450

4500

4550

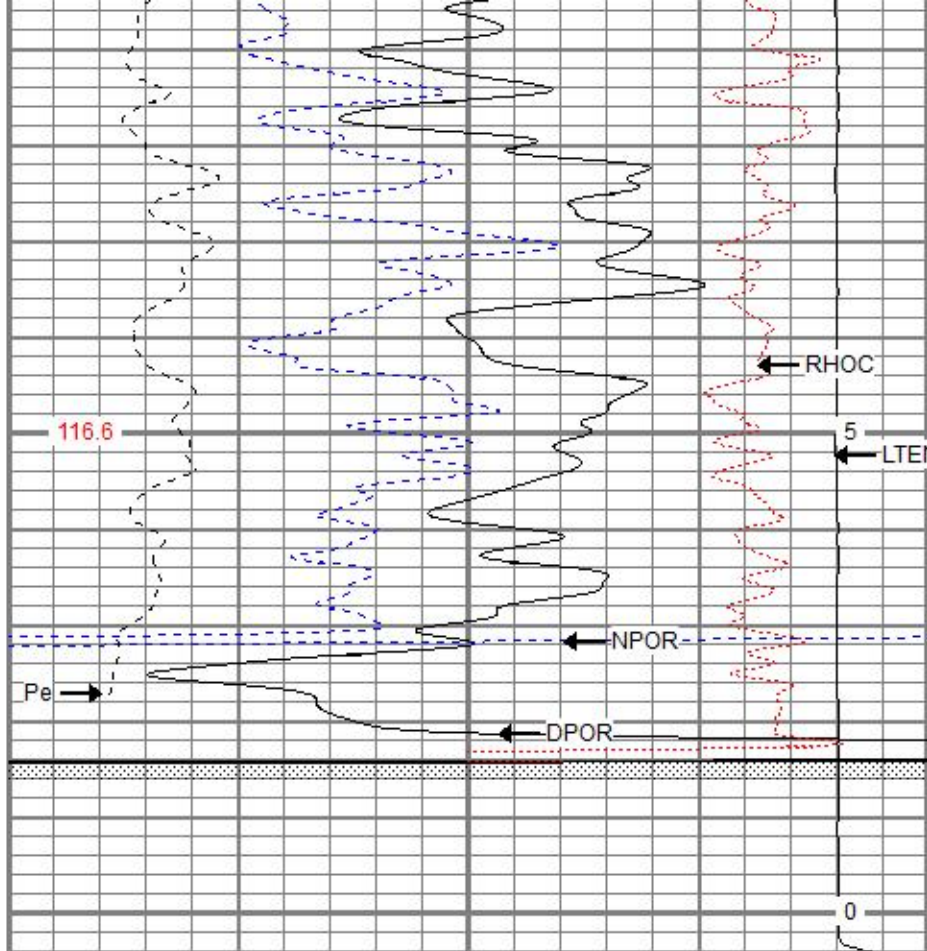




0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	DEVI (deg)

4600

4650



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

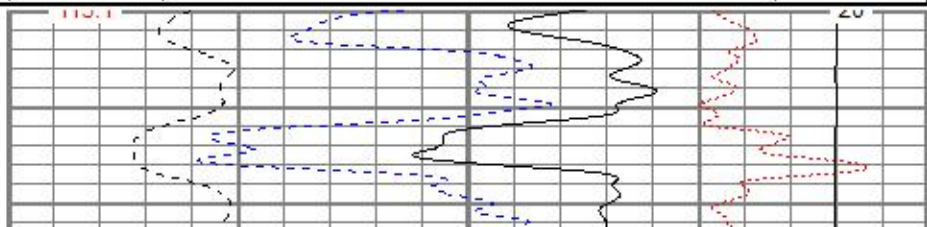
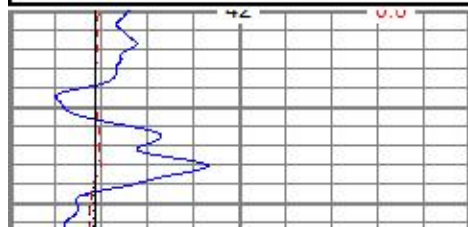


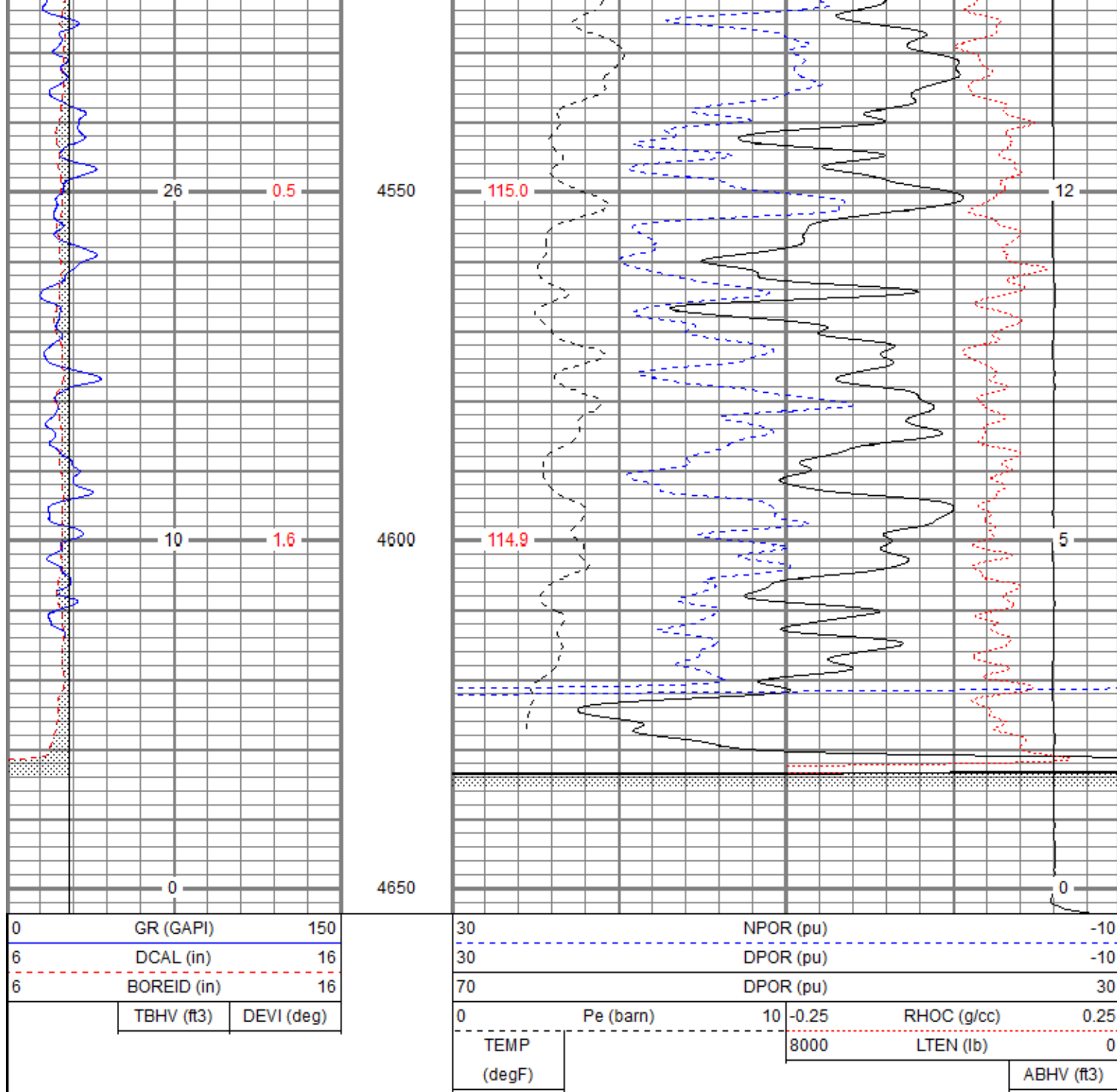
Repeat Pass

Database File ppabs#1oh.db
 Dataset Pathname pass2.1
 Presentation Format DIGITA~1
 Dataset Creation Sat Sep 03 05:35:50 2016
 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	
0	Pe (barn)	10	-0.25	RHOC (g/cc)	0.25
TEMP		8000	LTEN (lb)		0
(degF)					ABHV (ft3)





Calibration Report							
Database File	ppabs#1oh.db						
Dataset Pathname	pass2.1						
Dataset Creation	Sat Sep 03 05:35:50 2016						
Dual Induction Calibration Report							
Serial-Model:				1989-ADM			
Surface Cal Performed:				Mon Jul 11 21:35:42 2016			
Downhole Cal Performed:				Mon Jul 11 21:36:11 2016			
After Survey Verification Performed:				Mon Jul 11 21:36:11 2016			
Surface Calibration							
		Readings		References		Results	
Loop:	Air	Loop		Air	Loop	m	b
Down	0.000	0.050	V	0.000	0.050	0.050	0.050

	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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
PSTAT	38.23		CHD-STD	0.50	1.69	1.00
GR	36.95		ADT1PULSE-A (1) Pulsed Interface Tool #1	0.83	3.50	10.00
TEMP	33.98		ADT1ADC-A (1) Analog Interface #1	0.83	3.50	10.00
ASTAT	33.69		ADT1SENSORS-A (1)	4.54	3.50	10.00
GRD	33.44		NEU-Oilex (2301AN) Oilex 100V NEU	4.27	3.50	80.00
ACCY	33.27					
ACCX	33.27					
SSTAT	33.27					
NEU	32.50					
LStat	22.54					
LS8	21.88		ADT1LITH-A (1) Admyr Litho Density Tool	9.29	3.50	240.00
LS7	21.88					
LS6	21.88					
LS5	21.88					
LS4	21.88					
LS3	21.88					
LS2	21.88					
LS1	21.88					
LSV	21.88					
LSD	21.86					
SSV	21.67					
SS8	21.67					
SS7	21.67		DIL-ADM (1989) Dual Induction	19.71	4.00	300.00
SS6	21.67					
SS5	21.67					
SS4	21.67					
SS3	21.67					
SS2	21.67					
SS1	21.67					
DCAL	21.61					
SSD	21.27					
SP	10.60					
CILD	10.60	Dataset: ppabs#1oh.db: field/well/run1/pass2.1				
CILM	6.89	Total length: 38.31 ft				
RLL3	1.70	Total weight: 651.00 lb				
TR Mon	0.00	O.D.: 4.00 in				