



LITHO DENSITY NEUTRON LOG

Company	PALOMINO PETROLEUM		
Well	LEGEND #1		
Field	TRAPP		
County	BARTON	State	KS
Location:	API # : 15-009-26337		Other Services DIL ML
611' FSL & 336' FEL			
Permanent Datum	SEC 25	TWP 16S	RGE 13W
Log Measured From	KB 8' AGL	Ground Level	Elevation 1932
Drilling Measured From	KB		Elevation K.B. 1940 D.F. 1938 G.L. 1932
Date	3/28/22		
Run Number	One		
Depth Driller	3505		
Depth Logger	3505		
Bottom Logged Interval	3485		
Top Log Interval	2700		
Casing Driller	8 5/8" @ 442'		
Casing Logger	442		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.4/56		
pH / Fluid Loss	11.0/8.4		
Source of Sample	Pit		
Rm @ Meas. Temp	.60@70degf		
Rmf @ Meas. Temp	.45@70degf		
Rmc @ Meas. Temp	.72@70degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	.44@96degf		
Time Circulation Stopped	10:00 A.M.		
Time Logger on Bottom	11:30 AM		
Maximum Recorded Temperature	96degf		
Equipment Number	T605		
Location	Hays, KS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	CHAD COUNTS		

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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

4 EAST OF SUSANK 1 SOUTH,
WEST INTO.

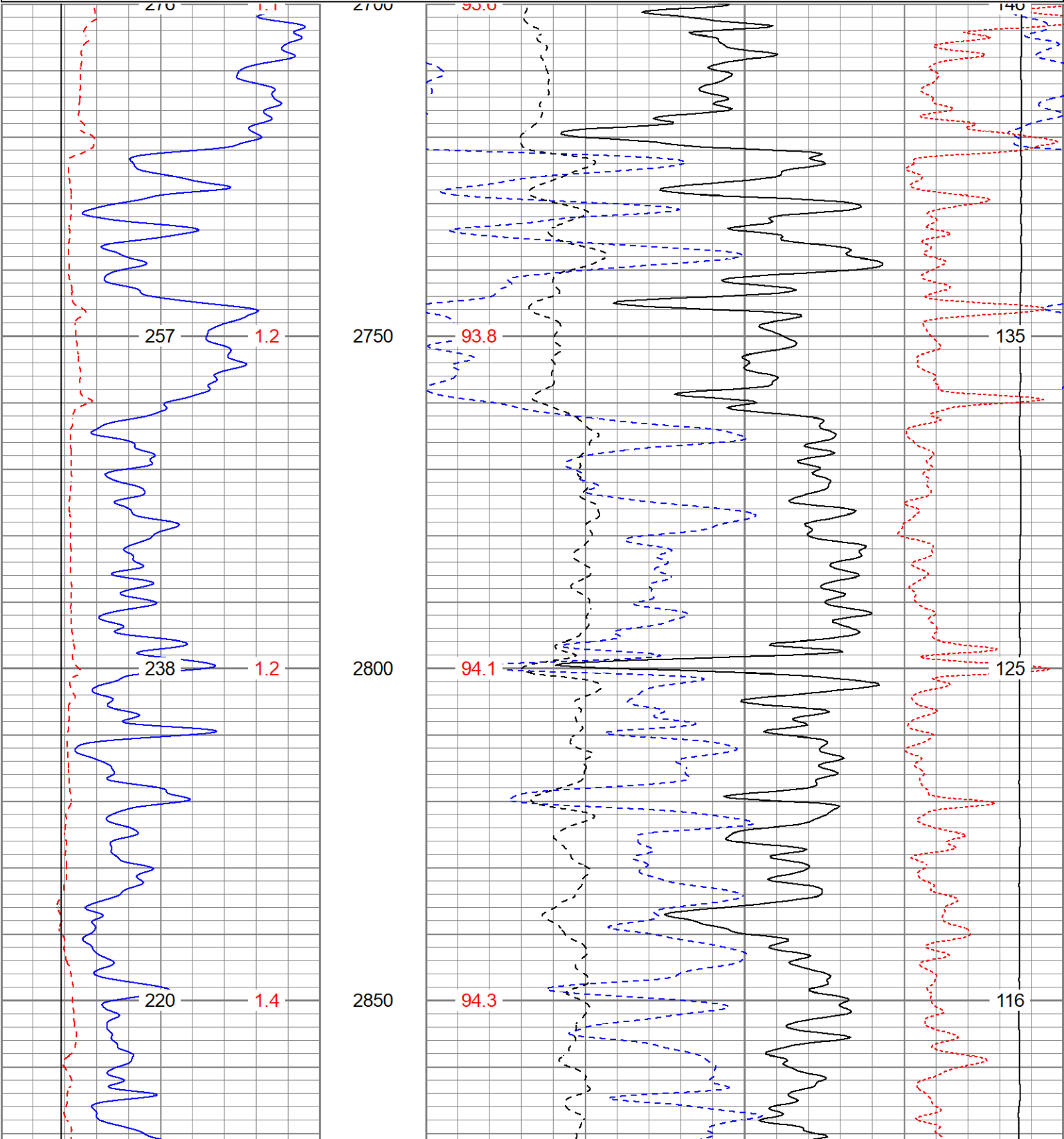
Thank You for using Gemini Wireline LLC
785-625-1182

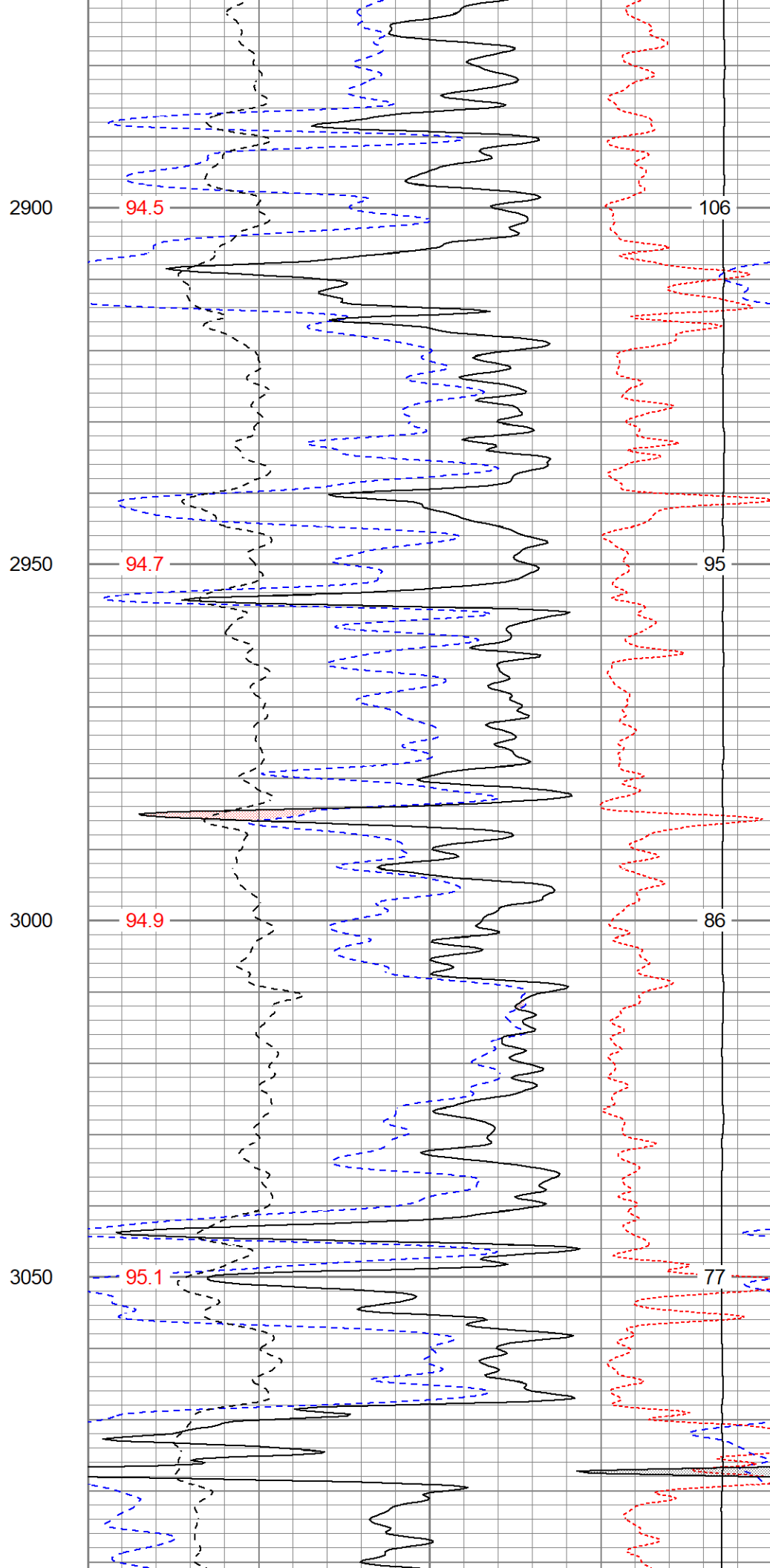
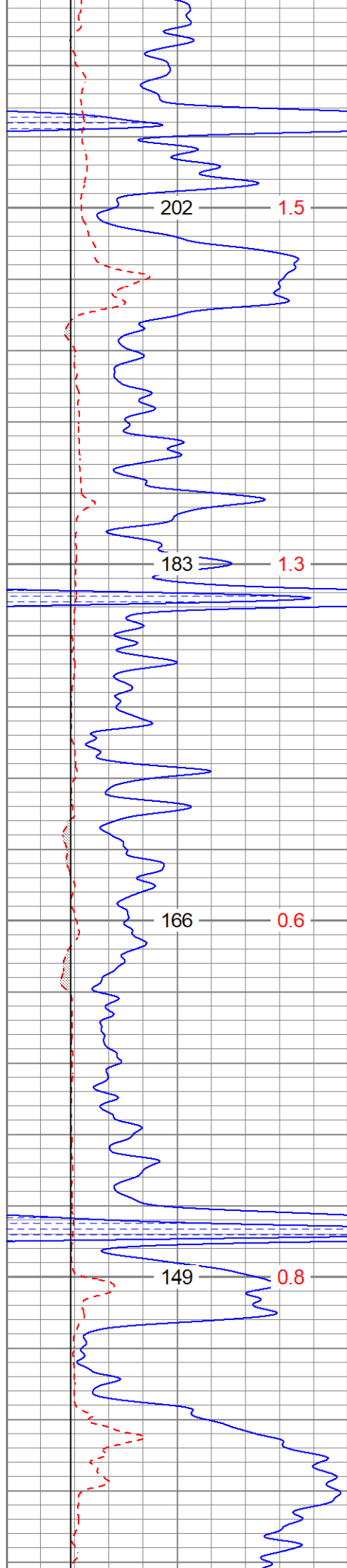


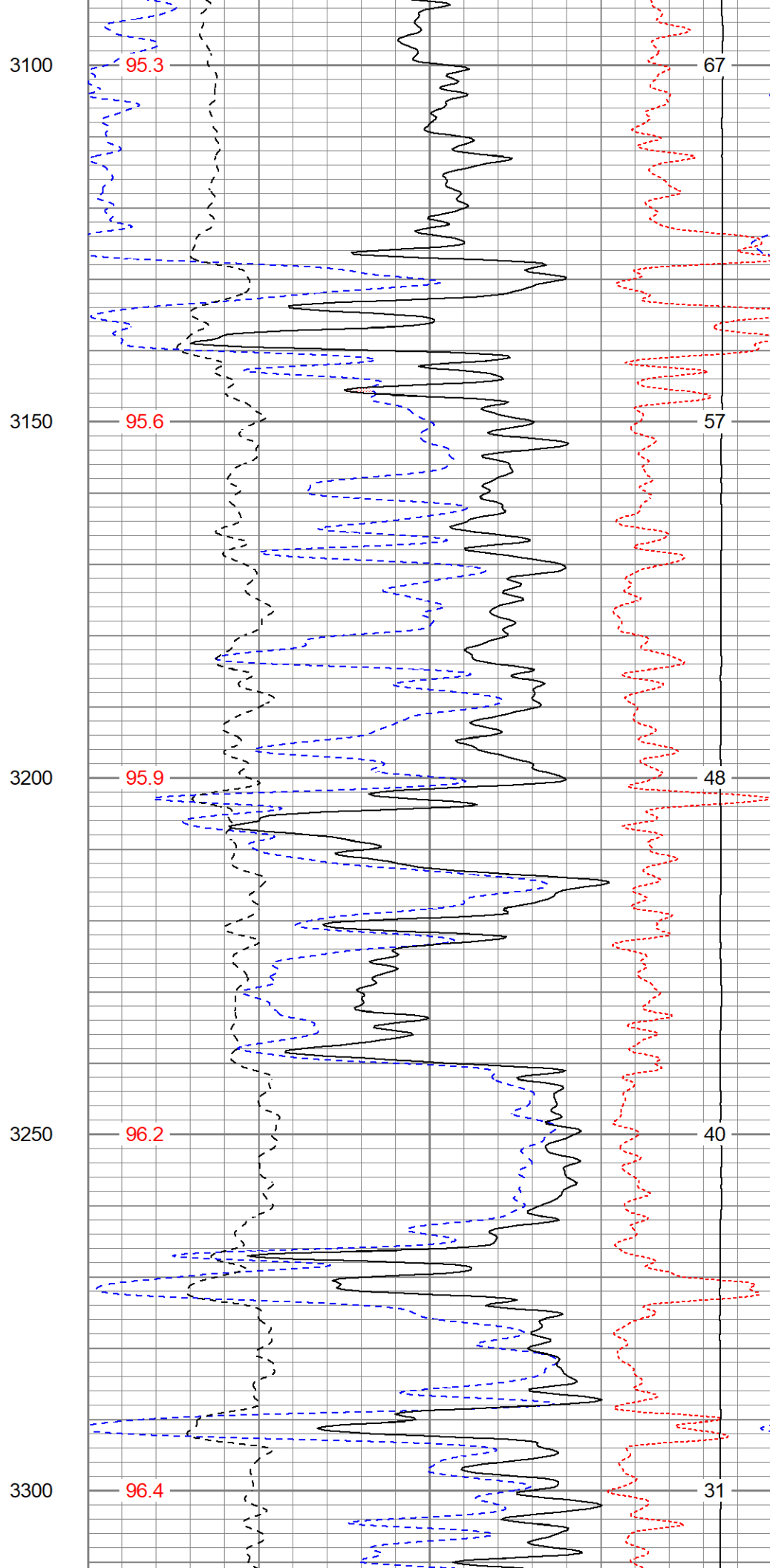
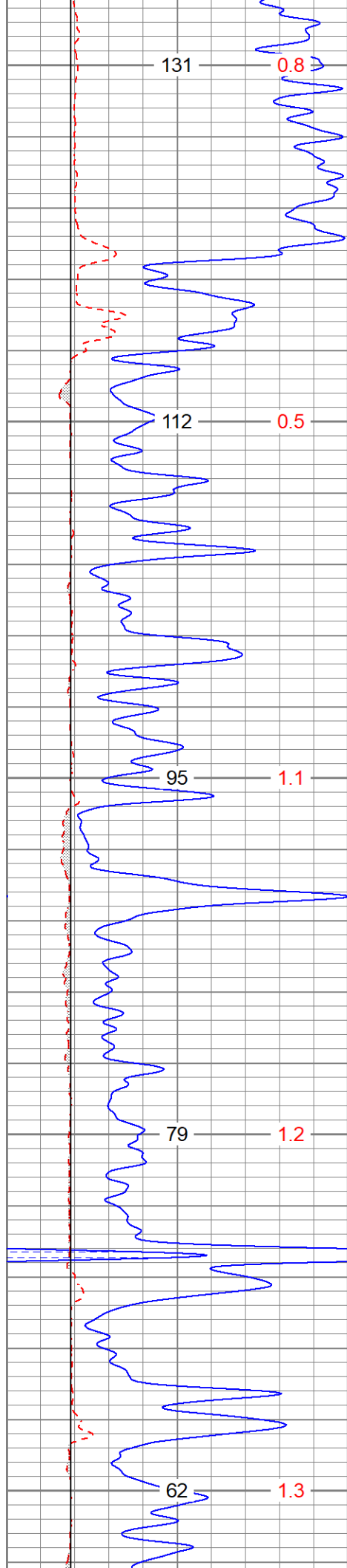
MAIN PASS

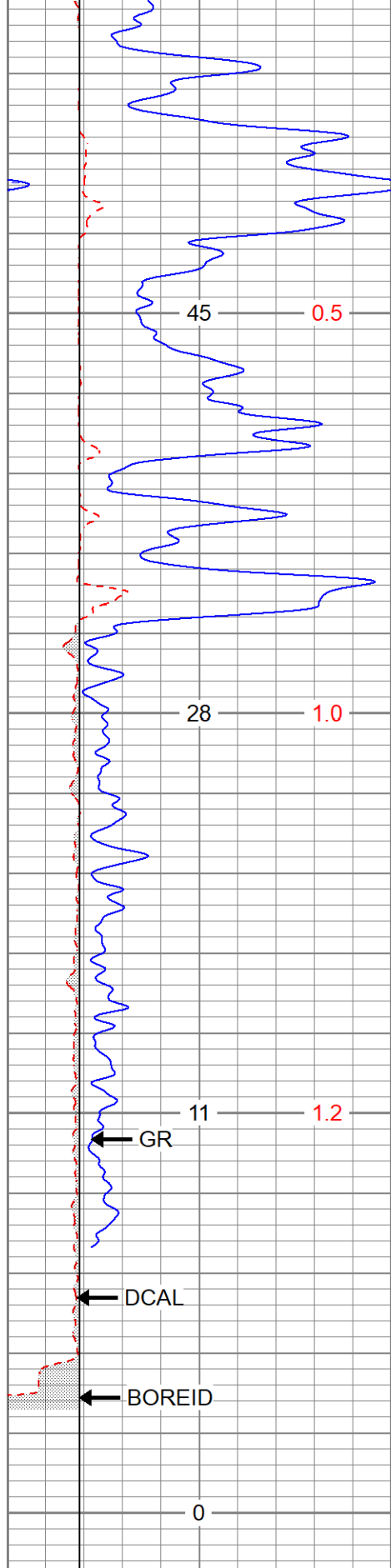
Database File	plegend#1oh.db
Dataset Pathname	pass3.1
Presentation Format	digital_kcdnl
Dataset Creation	Mon Mar 28 12:40:18 2022
Charted by	Depth in Feet scaled 1:240

0GR (GAPI)150			30NPOR (pu)-10		
6DCAL (in)16			30DPOR (pu)-10		
6BOREID (in)16			70DPOR (pu)30		
TBHV (ft3)DEVI (deg)			0Pe (barn)10-0.25RHOC (g/cc)0.25		
			TEMP8000LTEN (lb)0		
			(degF)ABHV (ft3)		

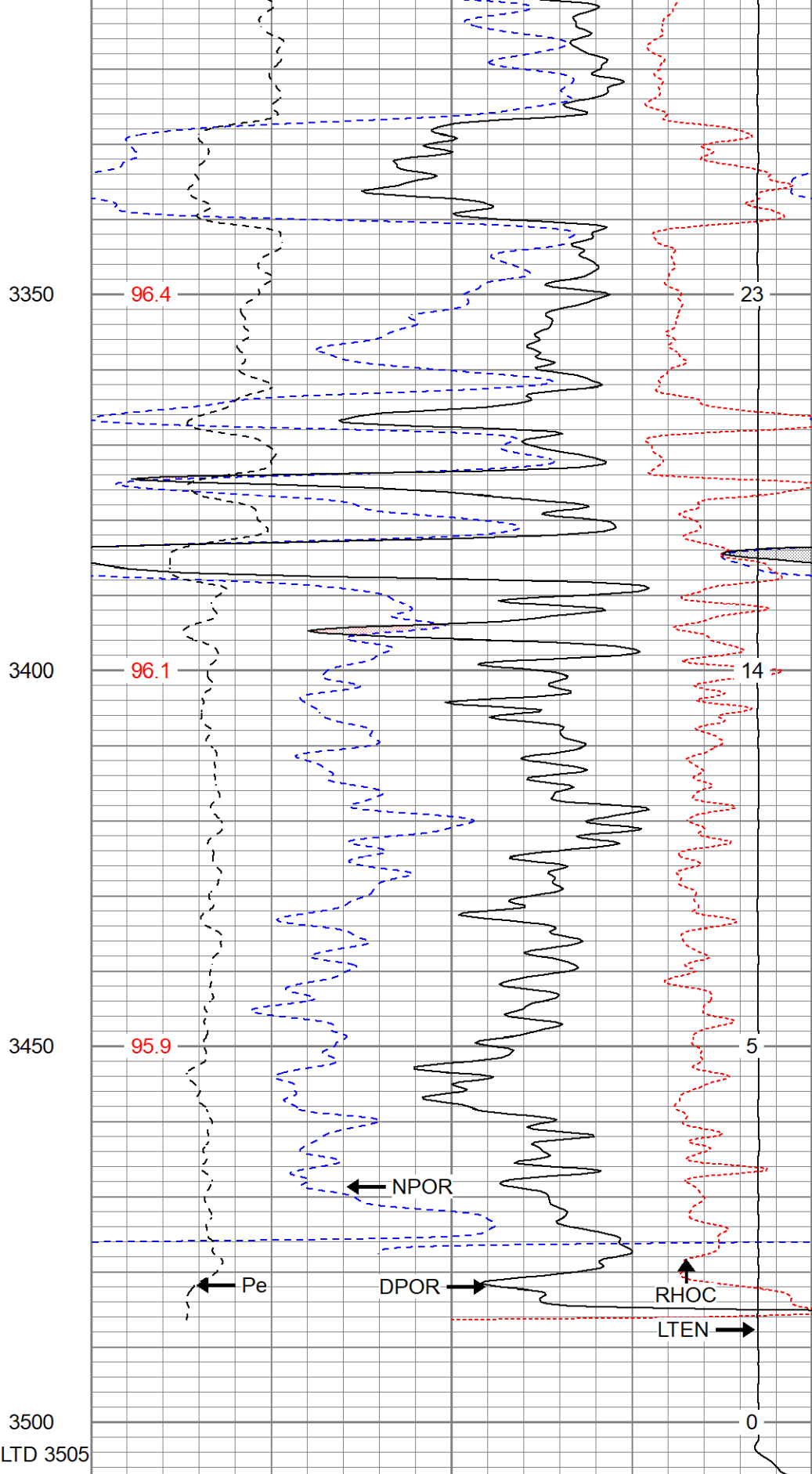








0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	DEVI (deg)



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

(degF)

ABHV (ft3)

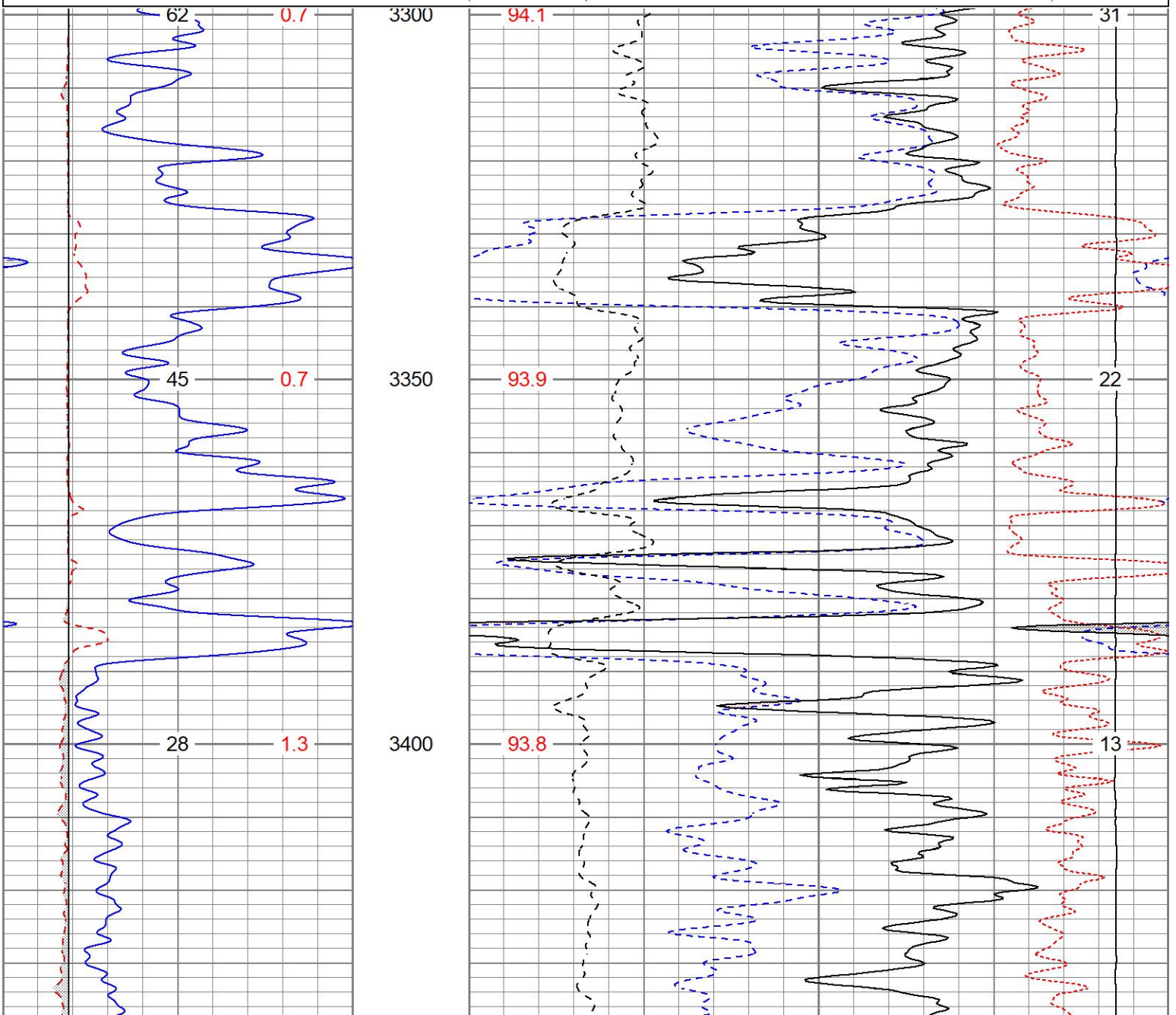


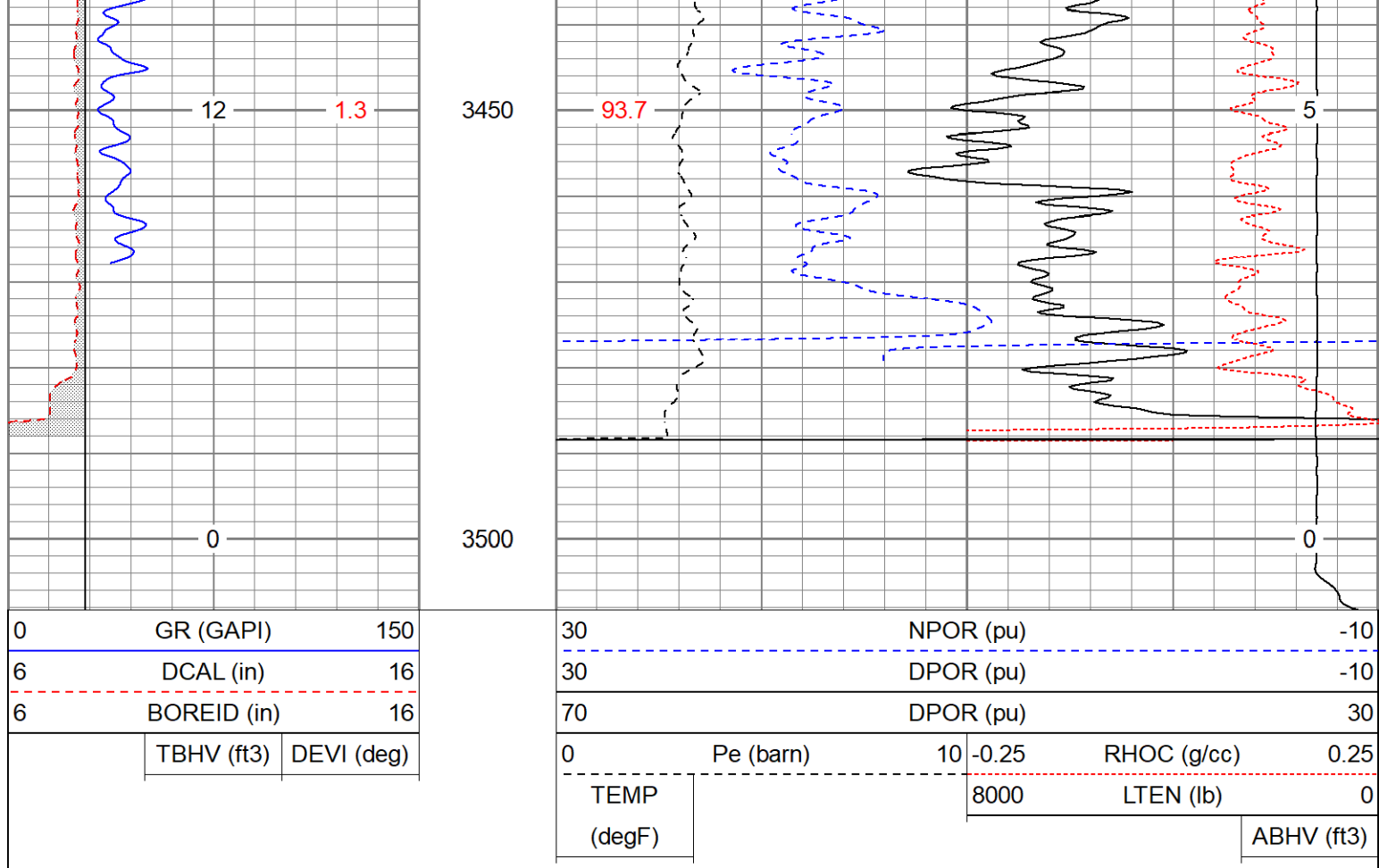
REPEAT SECTION

Database File pplegend#1oh.db
 Dataset Pathname pass2.1
 Presentation Format digital_kcdnl
 Dataset Creation Mon Mar 28 12:42:44 2022
 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	pplegend#1oh.db							
Dataset Pathname	pass2.1							
Dataset Creation	Mon Mar 28 12:42:44 2022							
Dual Induction Calibration Report								
Serial-Model:			1842-ADM					
Surface Cal Performed:			Mon Sep 20 22:00:42 2021					
Downhole Cal Performed:			Mon Sep 20 22:00:24 2021					
After Survey Verification Performed:			Mon Sep 20 22:05:52 2021					
Surface Calibration								
		Readings		References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.475	-9.896
Medium	0.003	0.769	V	0.000	400.000	mmho/m	522.607	-1.745
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.018	0.672	V	0.000	350.000	mmho/m	535.240	-9.549
Medium	0.003	0.768	V	0.000	550.000	mmho/m	718.637	-2.088
Downhole Calibration								
		Readings		References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.219	349.905	mmho/m	-0.343	349.810	mmho/m	1.000	-3.124
Medium	-0.118	399.722	mmho/m	-0.226	399.745	mmho/m	1.000	-3.108
Shallow	2.536	0.025	V	500.000	2.000	Ohm-m	180.330	-1.504

After Survey Verification								
Internal:	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.219	349.905	mmho/m	1.000	-3.124
Medium	0.000	0.000	mmho/m	-0.118	399.722	mmho/m	1.000	-3.108
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Admyr Lithodensity Calibration Report								
Serial-Model:					1C-C			
Source:					Blue2			
Master Calibration Performed:					Tue Oct 20 08:37:42 2020			

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.670	g/cc	6640.15	4353.97	cps
Aluminium	2.640	g/cc	1651.98	2729.31	cps
Aluminium+Sleeve	2.640	g/cc	1651.98	2729.31	cps
Spine Angle = 71.44			Density/Spine Ratio = 0.661		
	PE		NLITH	NHARD	
Magnesium	1.900	barn	1410.00	1000.00	cps
Aluminium	2.400	barn	1101.00	918.50	cps
Aluminium+Sleeve	5.000	barn	656.00	951.00	cps
M = 0.448			B = -0.112	R = 0.999	
	Size		Reading		
Small Ring	8.30	in	8.61	V	
Large Ring	14.30	in	12.40	V	

Neutron Calibration Report								
Serial Number:			AD5139					
Tool Model:			ADMY5139					
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:			Fri Apr 19 12:15:04 2019					
	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:	Wed May 5 19:20:48 2021				
	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:	Wed May 5 19:21:08 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps