



COMPENSATED DENSITY NEUTRON LOG

Company	JOHN O. FARMER, INC.	Company	JOHN O. FARMER, INC.
Well	HOFFMAN-DINKEL B #3	Well	HOFFMAN-DINKEL B #3
Field	YOUNGER	Field	YOUNGER
County	ELLIS	County	ELLIS
State	KS	State	KS
Location:	API # : 15-051-27108 2640' FSL & 1870' FEL	Other Services ML DIL	
Permanent Datum	SEC 5 TWP 14S RGE 17W	Elevation	
Log Measured From	Ground Level		
Drilling Measured From	KB 8' AGL		
	KB		
Date	6/3/2024		
Run Number	One		
Depth Driller	3670		
Depth Logger	3670		
Bottom Logged Interval	3648		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 221'		
Casing Logger	221'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical Mud		
Density / Viscosity	9.0/52		
pH / Fluid Loss	9.5/9.6		
Source of Sample	Pit		
Rm @ Meas. Temp	1.7@70degf		
Rmf @ Meas. Temp	1.28@70degf		
Rmc @ Meas. Temp	2.04@70degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.17@102degf		
Time Circulation Stopped	10:00 A.M.		
Time Logger on Bottom	12:30 P.M.		
Maximum Recorded Temperature	102degf		
Equipment Number	T-605		
Location	HAYS, KS.		
Recorded By	COLBY DREILING		
Witnessed By	AUSTIN KLAUS		

<<< Fold Here >>>

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

FROM HAYS ON HW 40, GO 1 MILE EAST OF THE TOULON BLACKTOP, THEN 1 MILE NORTH ON 300TH AVE, THEN WEST INTO.

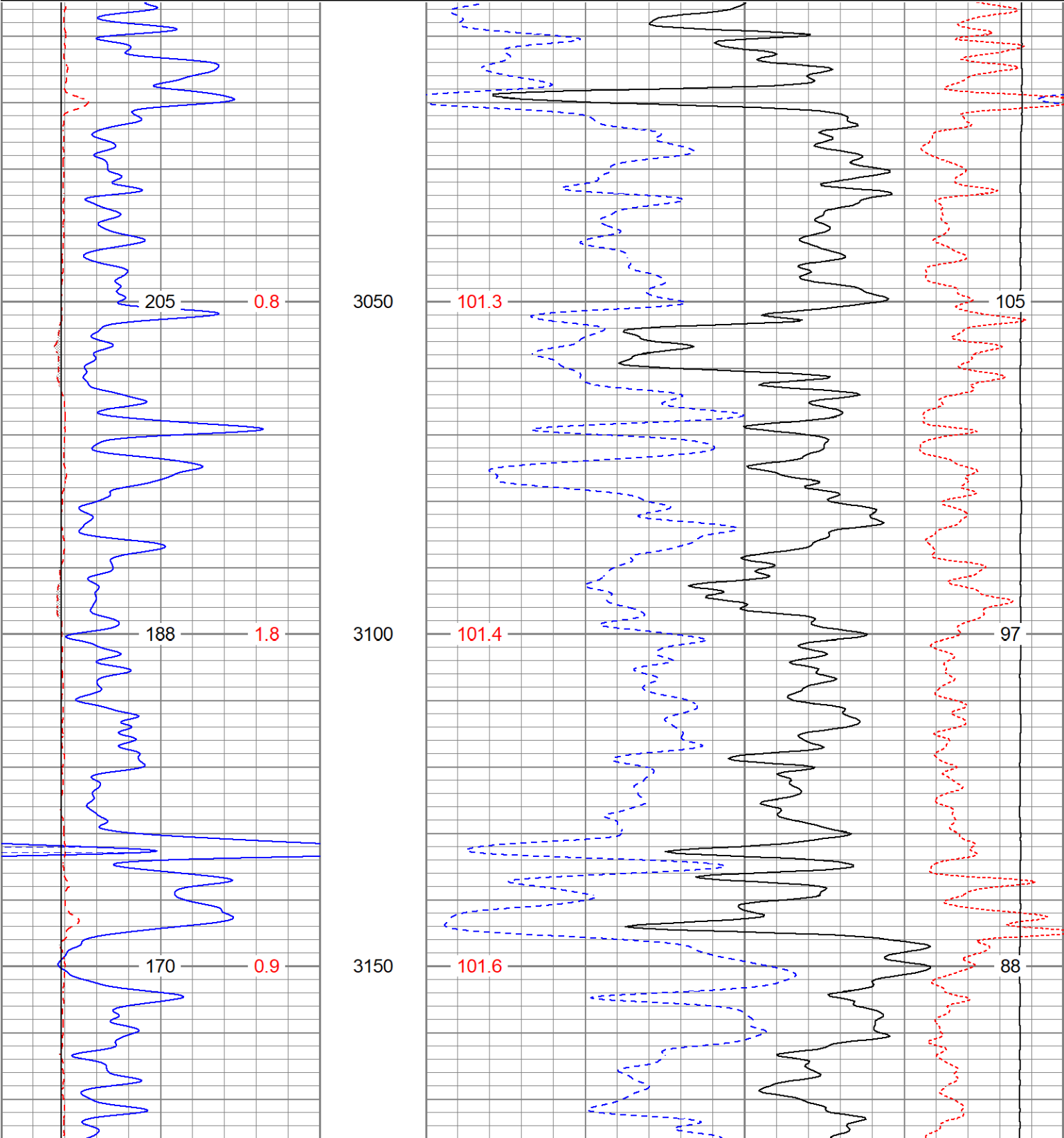
Thank you for using Gemini Wireline
785-625-1182

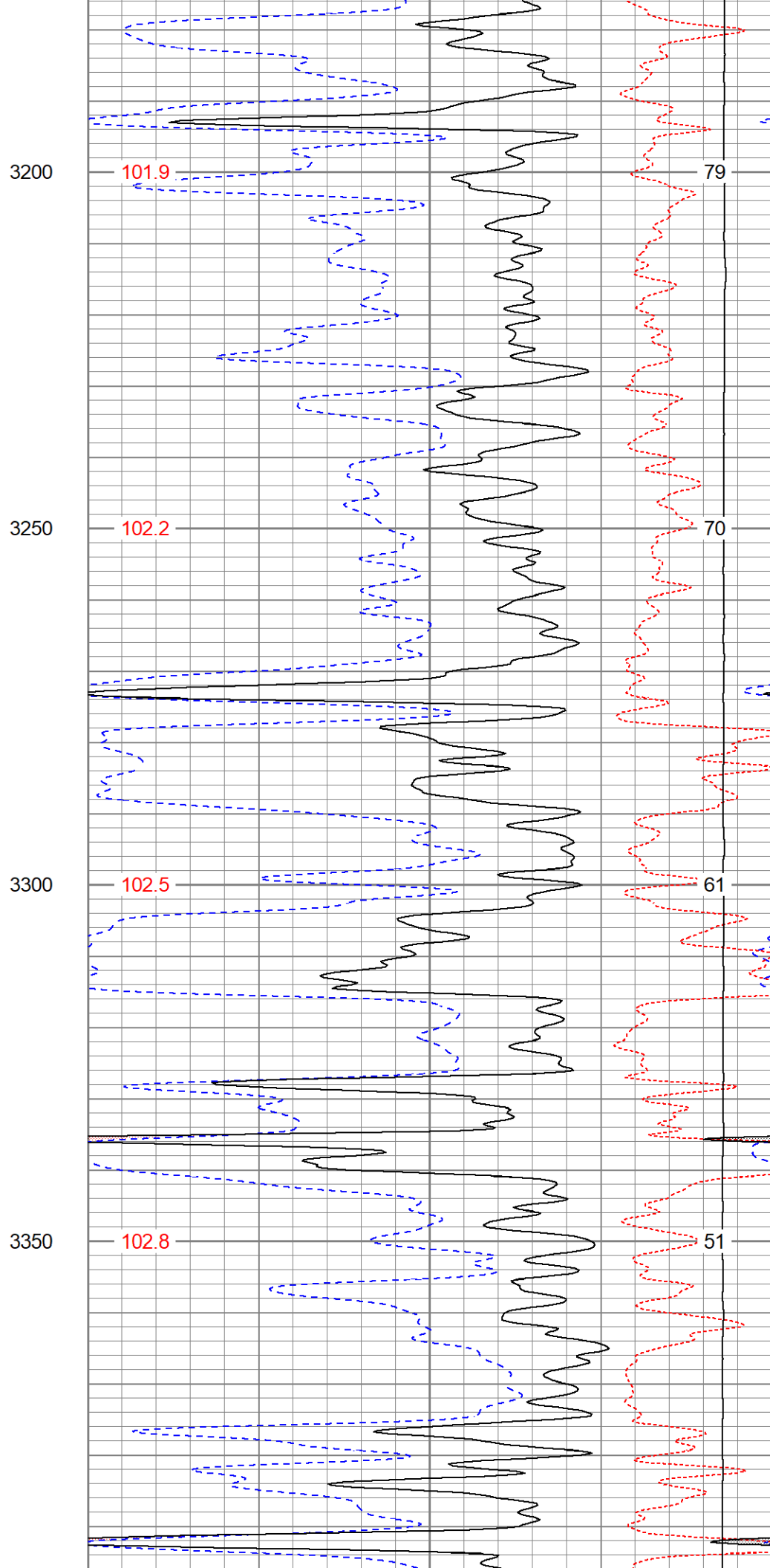
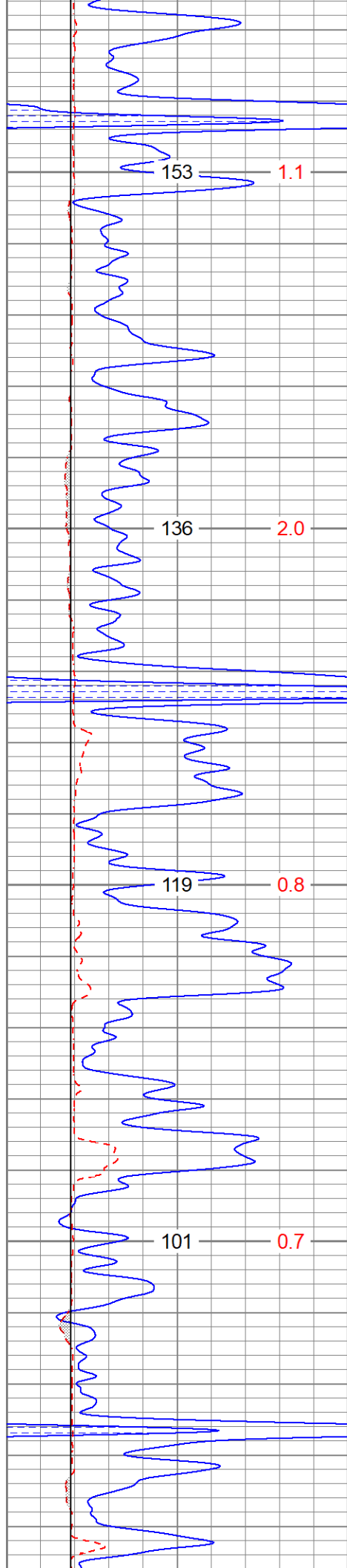


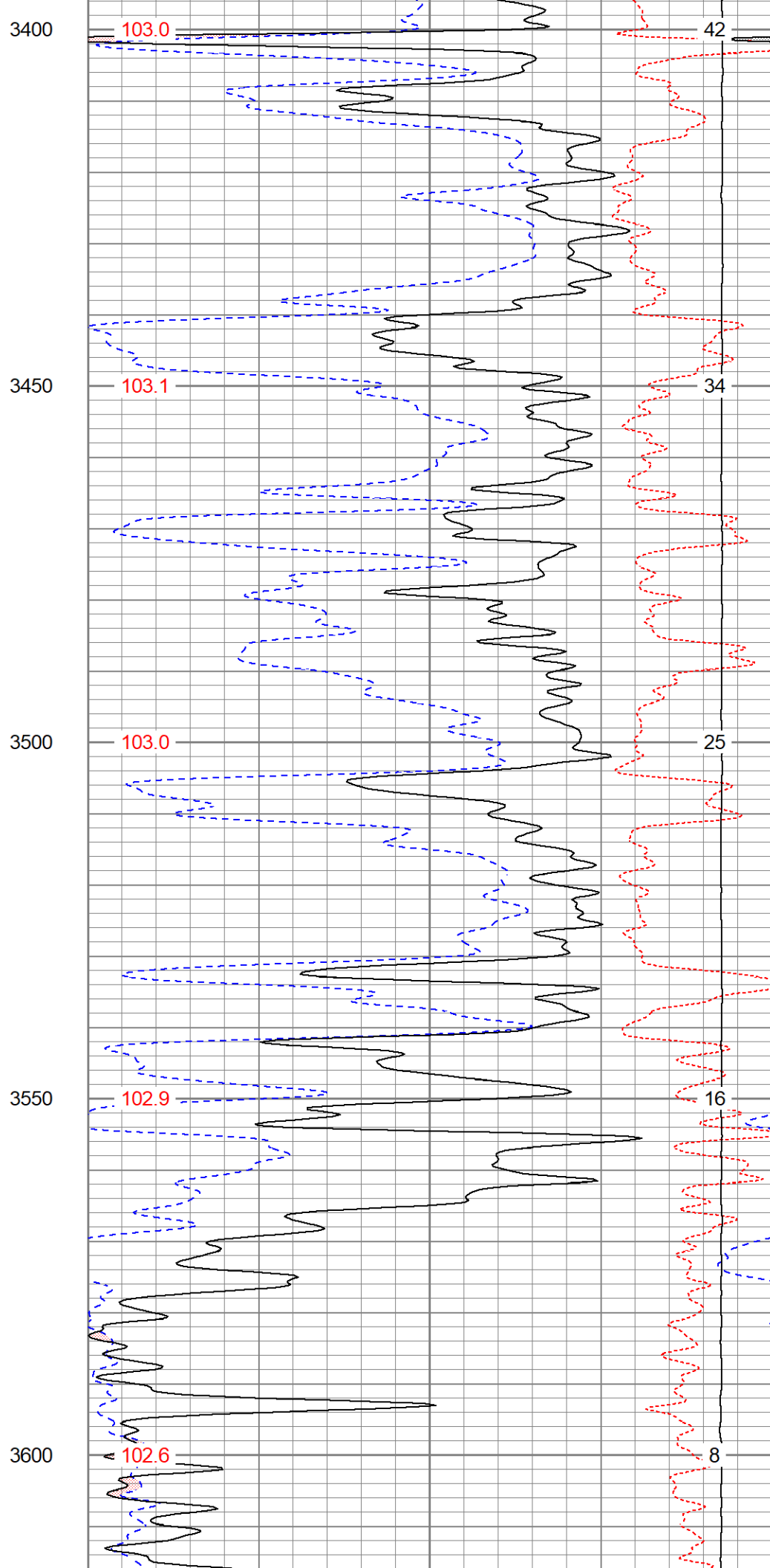
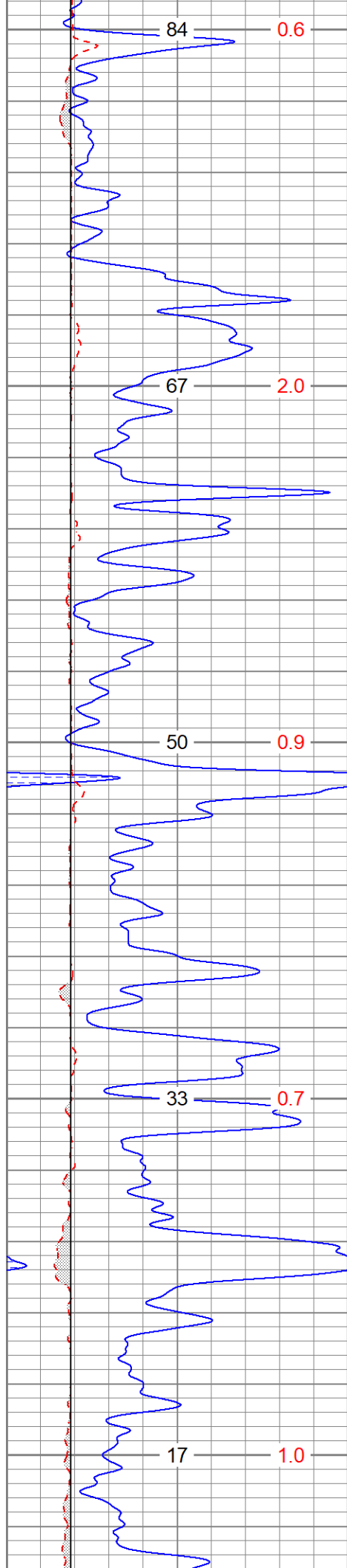
MAIN PASS

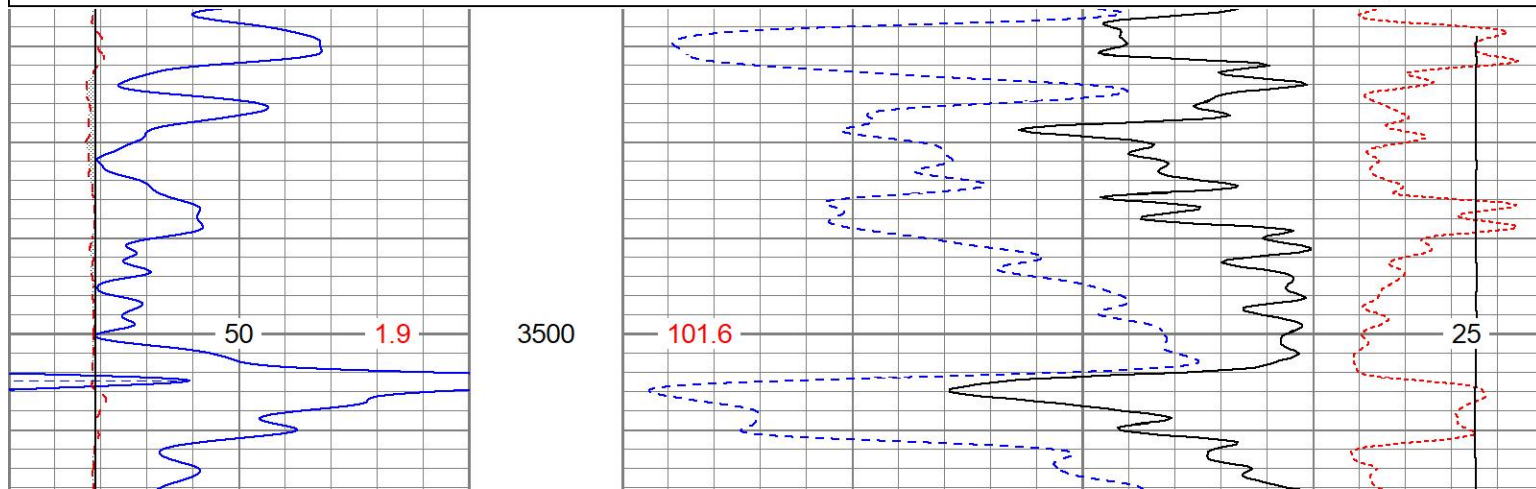
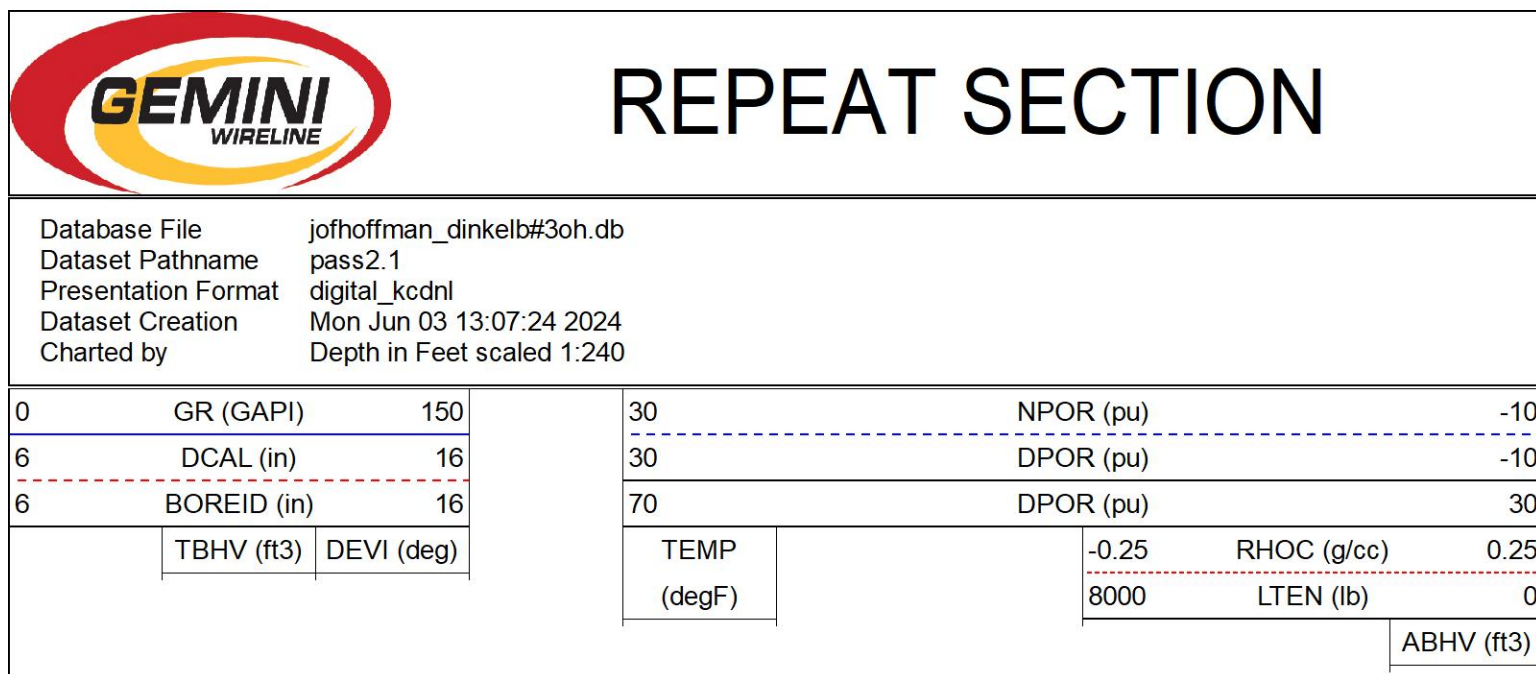
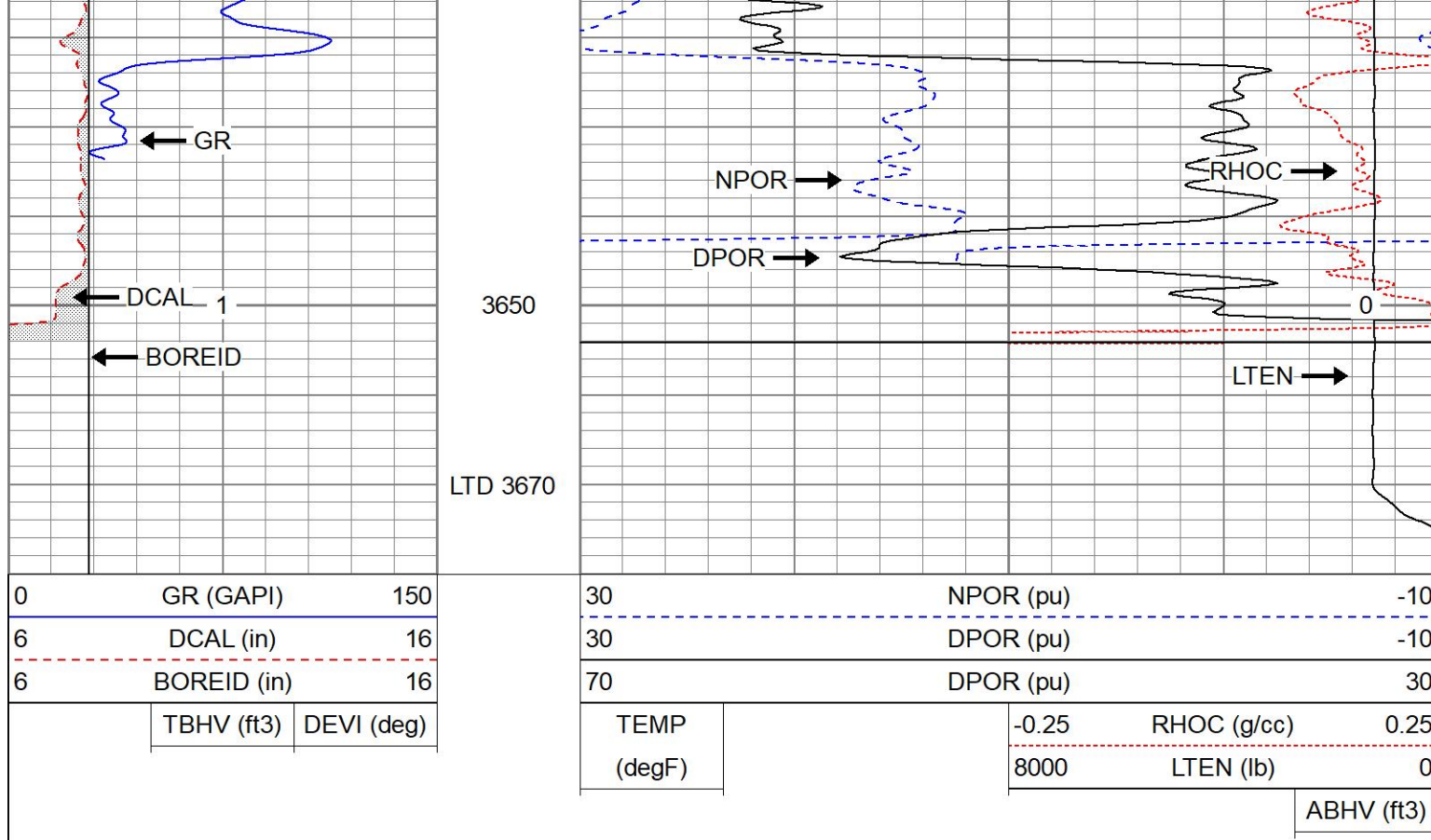
Database File	jofhoffman_dinkelb#3oh.db
Dataset Pathname	pass3.1POR
Presentation Format	digital_kcdnl
Dataset Creation	Mon Jun 03 13:04:29 2024
Charted by	Depth in Feet scaled 1:240

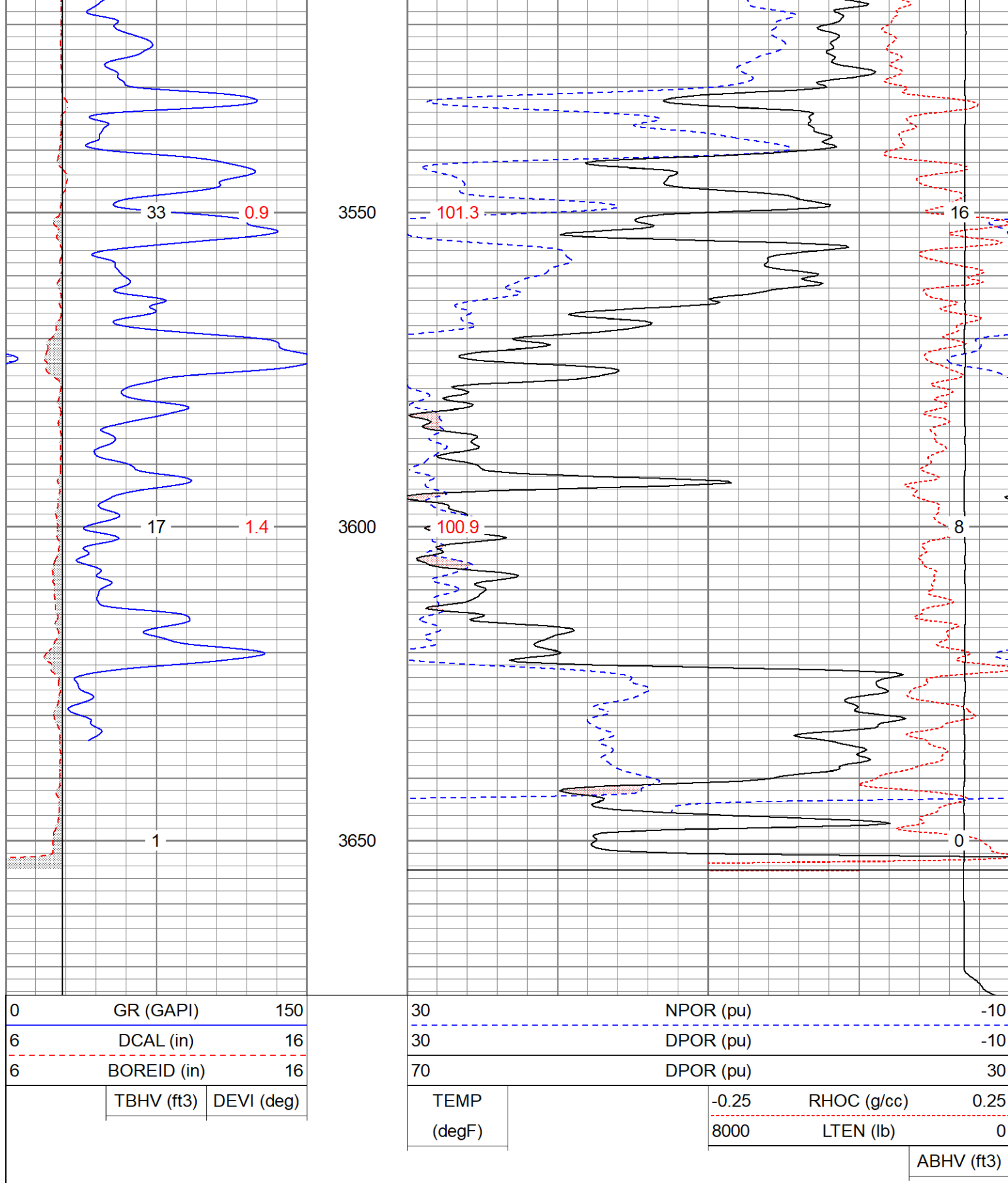
0GR (GAPI)150			30NPOR (pu)-10		
6DCAL (in)16			30DPOR (pu)-10		
6BOREID (in)16			70DPOR (pu)30		
TBHV (ft3)DEVI (deg)			TEMP (degF)-0.25RHOC (g/cc)0.25		
			8000LTEN (lb)0		
			ABHV (ft3)		











Calibration Report

Database File jofhoffman_dinkelb#3oh.db
Dataset Pathname pass2.1
Dataset Creation Mon Jun 03 13:07:24 2024

Dual Induction Calibration Report

Serial Model:

1842 ADM

Serial-Model:1042-ADM
Surface Cal Performed:Mon Sep 20 22:00:42 2021
Downhole Cal Performed:Thu Sep 14 13:06:48 2023
After Survey Verification Performed:Thu Sep 14 13:02:29 2023

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	-0.210	349.810	mmho/m	-0.343	349.810	mmho/m	1.000	-0.133
Medium	6.952	396.760	mmho/m	-0.226	399.745	mmho/m	1.026	-7.360
Shallow	2.495	0.026	V	500.000	2.000	Ohm-m	201.711	-3.319

After Survey Verification

Readings				Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	32.030	5.643	mmho/m	1.000	-0.133
Medium	0.000	0.000	mmho/m	6.952	396.760	mmho/m	1.026	-7.360
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 Aug 30 10:20:37 2022

Master Calibration

Density				Far Detector		Near Detector	
Magnesium	1.670	g/cc		6362.49		3546.71	cps
Aluminium	2.640	g/cc		1733.54		2362.69	cps
Aluminium+Sleeve	2.617	g/cc		1657.01		2197.69	cps
Spine Angle = 72.65				Density/Spine Ratio = 0.712			
PE				NLITH		NHARD	
Magnesium	2.000	barn		2520.00		1620.00	cps
Aluminium	3.000	barn		1926.00		1699.00	cps
Aluminium+Sleeve	5.000	barn		915.00		1230.00	cps
M = 0.370				B = -0.079		R = 0.999	
Size				Reading			
Small Ring	8.00	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:	Sat Apr 6 22:30:37 2024				
Calibrator Value:	1.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	1.0	cps			
Sensitivity:	1.0000	GAPI/cps			