



COMPENSATED DENSITY NEUTRON LOG

Company John O. Farmer, Inc.

Well Finney #1

Field Wildcat

County Lyon

State KS

Location:

API #: 15 111 20535

1800' FNL & 1620' FEL

SEC 6 TWP 17S RGE 10E

Permanent Datum Ground Level Elevation 1286'
Log Measured From KB 8' AGL
Drilling Measured From KB

Other Services
ML
DIL
BCS
Elevation
K.B. 1294'
D.F. 1293'
G.L. 1286'

Date

5-1-18

Run Number

One

Depth Driller

3130'

Depth Logger

3131'

Bottom Logged Interval

3109'

Top Log Interval

2300'

Casing Driller

8 5/8" @ 220'

Casing Logger

220'

Bit Size

7 7/8"

Type Fluid in Hole

Chemical Mud

Density / Viscosity

9.1/4.4

pH / Fluid Loss

9.0/9.2

Source of Sample

Pit

Rm @ Meas. Temp

2.5@84degf

Rmf @ Meas. Temp

2.0@84degf

Rmc @ Meas. Temp

3.2@84degf

Source of Rmf / Rmc

Calculated

Rm @ BHT

1.95@108degf

Time Circulation Stopped

10:00 p.m

Time Logger on Bottom

12:35 A.M

Maximum Recorded Temperature

108degf

Equipment Number

T127

Location

Hays, KS.

Recorded By

C. Patterson

Witnessed By

Mr. Austin Klaus

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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

East out of Council Grove to S 200 Rd., South on S 200 Rd. to Y Ave.,
East on Y Ave. to B Rd., South on B Rd. West into

Thank you for using Gemini Wireline
785-625-1182



MAIN PASS

Database File joffinney1oh.db
 Dataset Pathname pass2.1
 Presentation Format digital_kcdnl
 Dataset Creation Tue May 01 01:49:17 2018
 Charted by Depth in Feet scaled 1:240

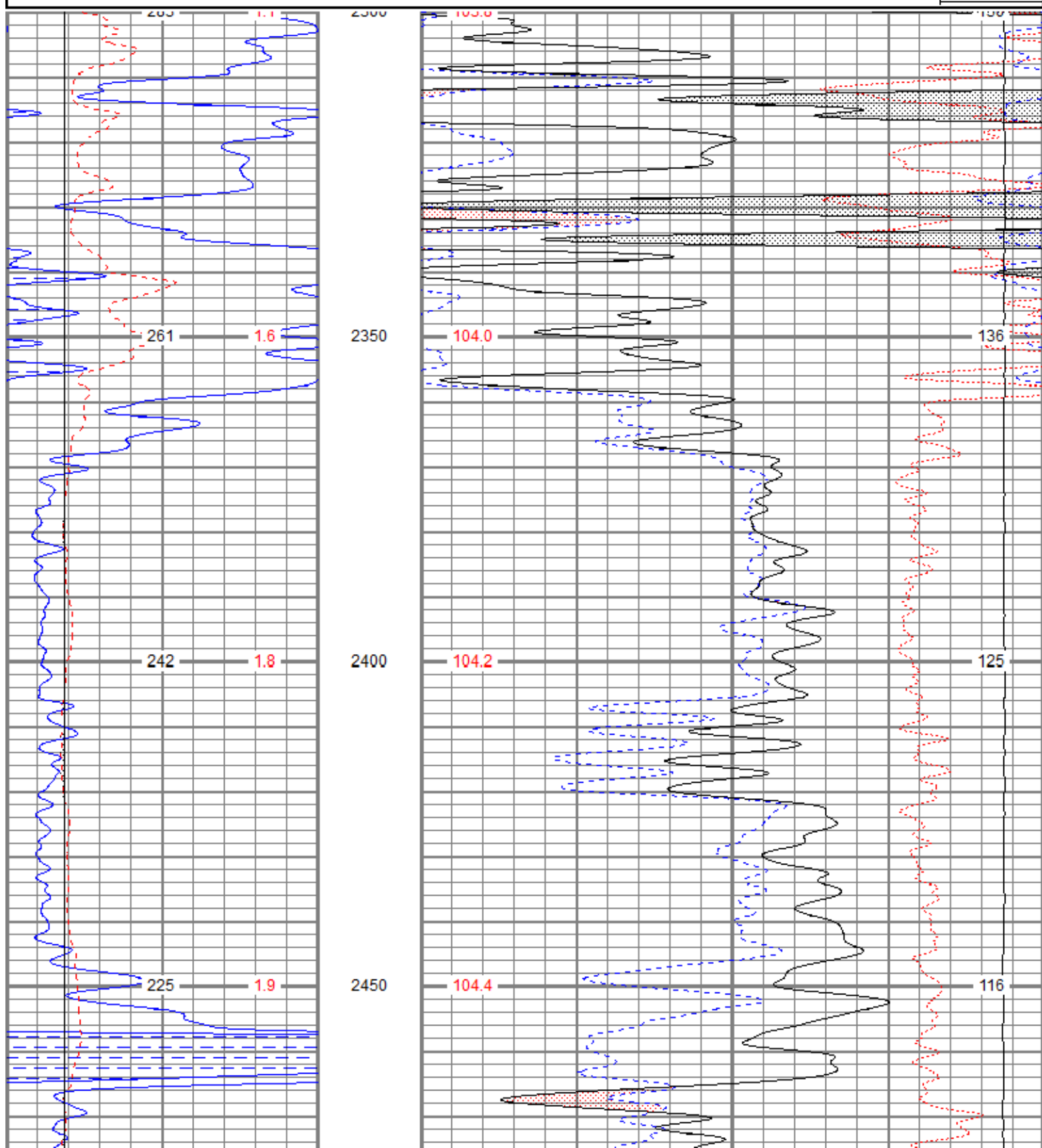
0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16

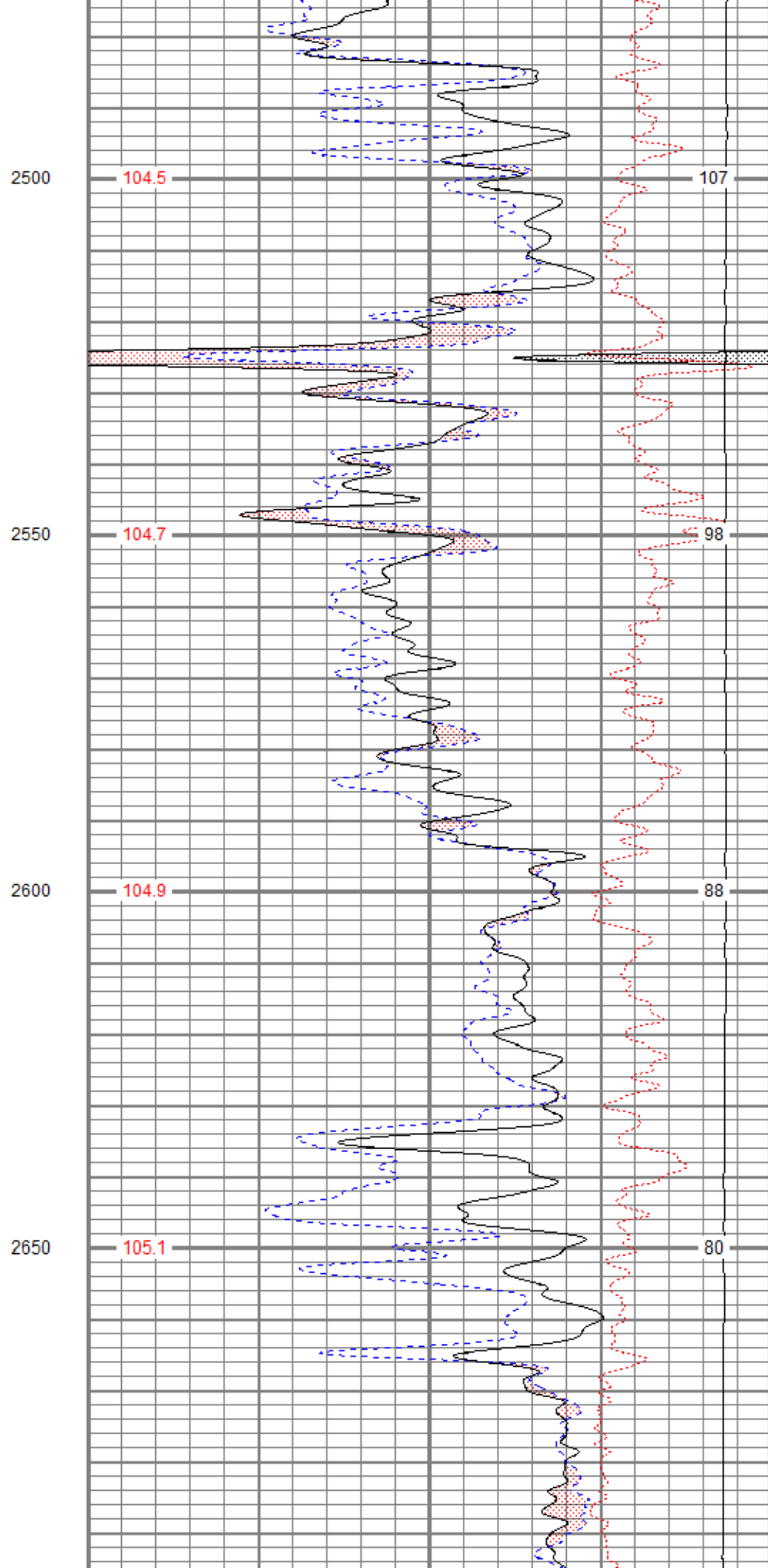
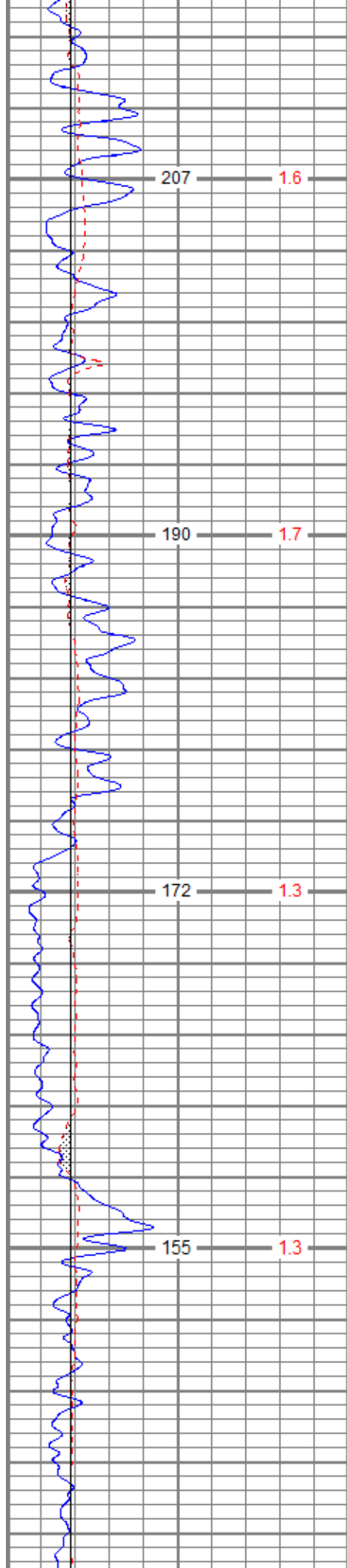
TBHV (ft3)	DEVI (deg)
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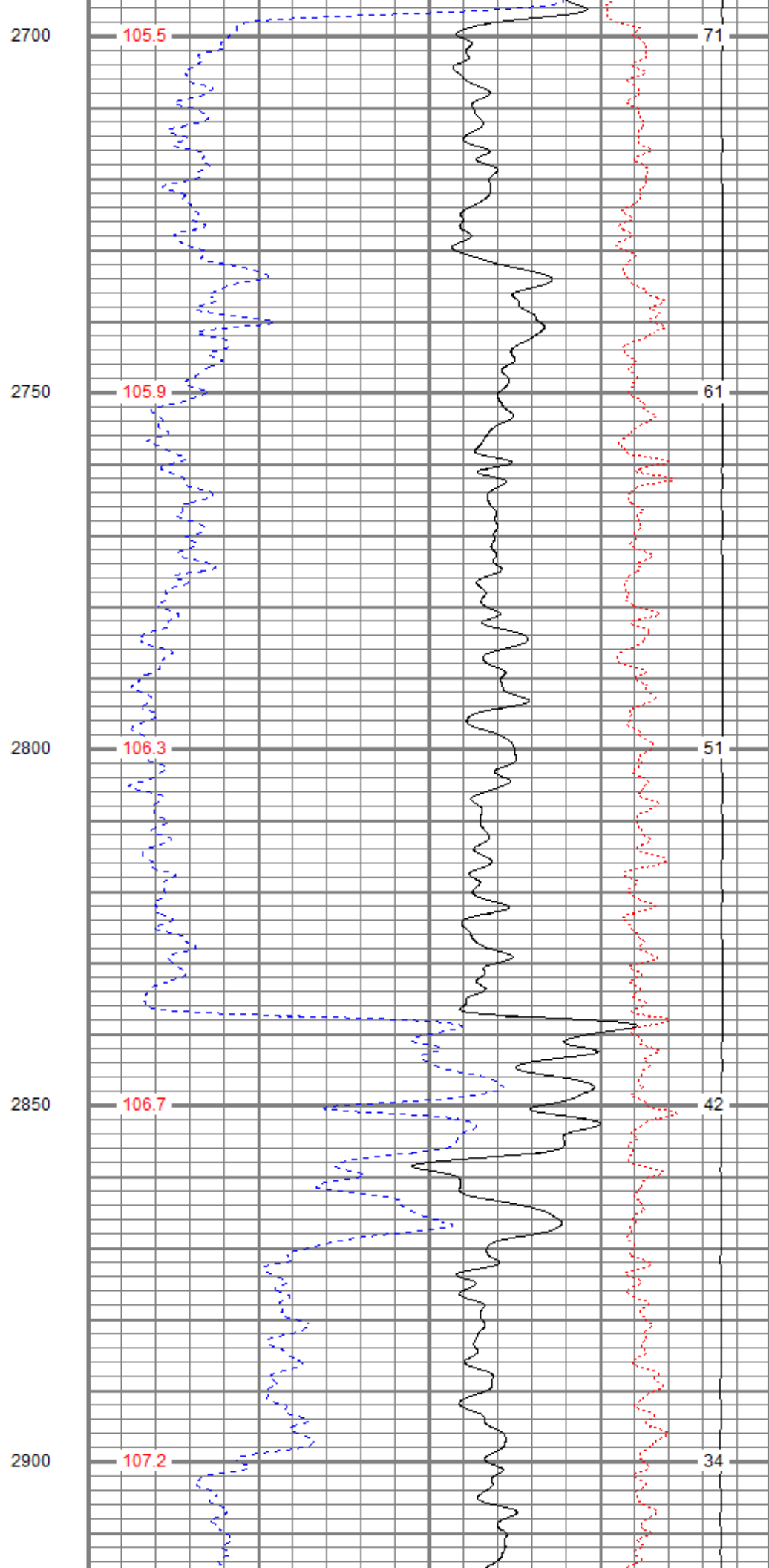
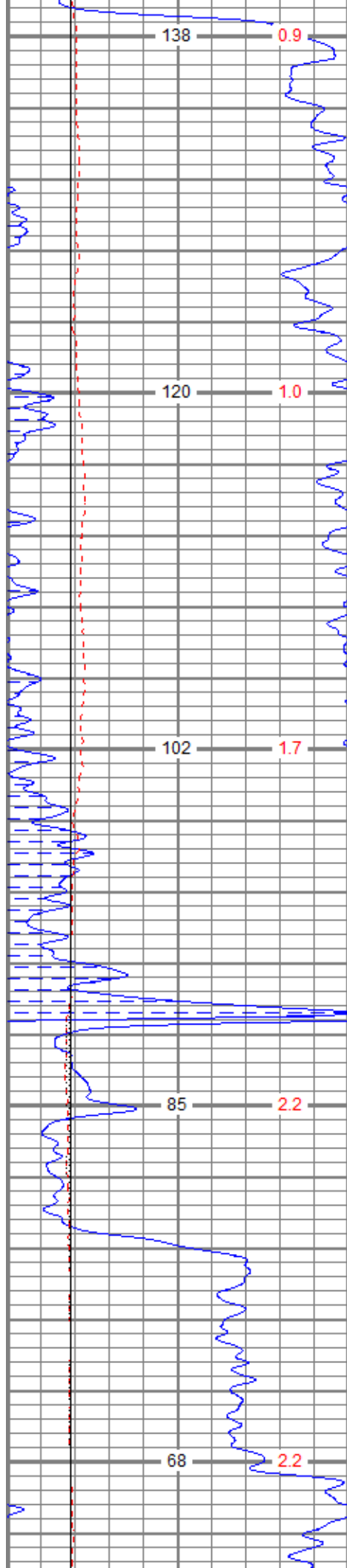
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

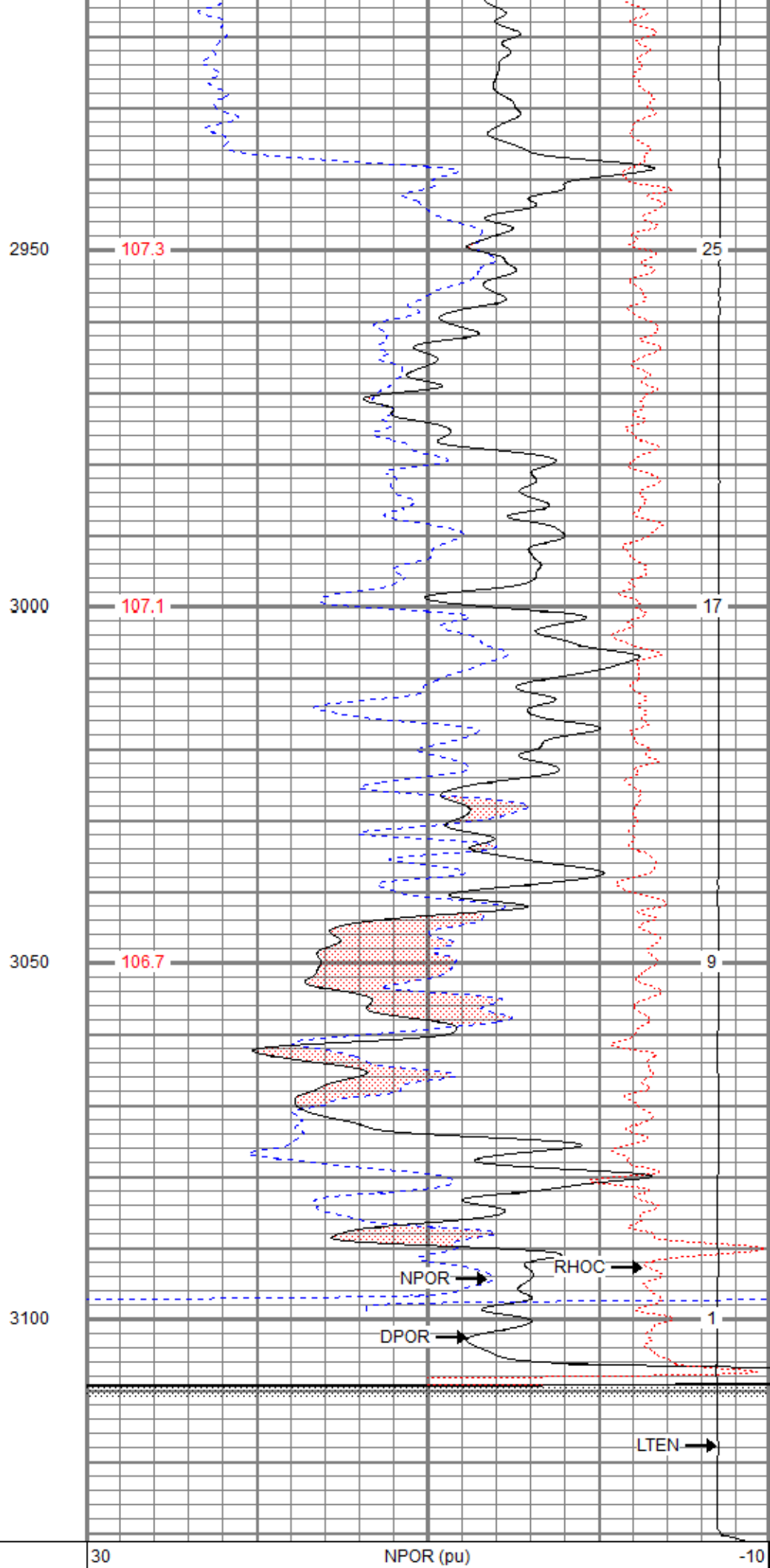
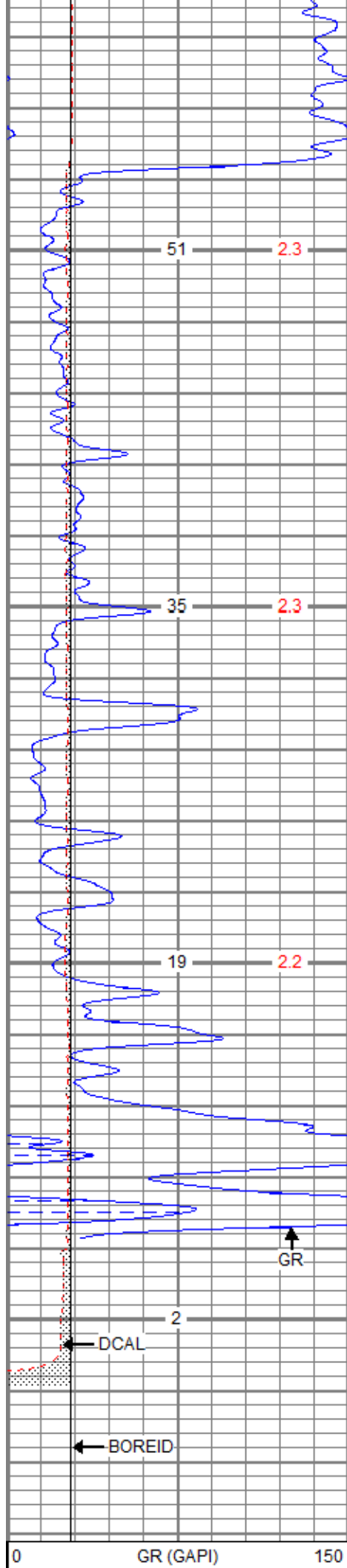
TEMP (degF)	-0.25	RHOC (g/cc)	0.25
	8000	LTEN (lb)	0

ABHV (ft3)









6	DCAL (in)	16
6	BOREID (in)	16
	TBHV (ft3)	DEVI (deg)

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

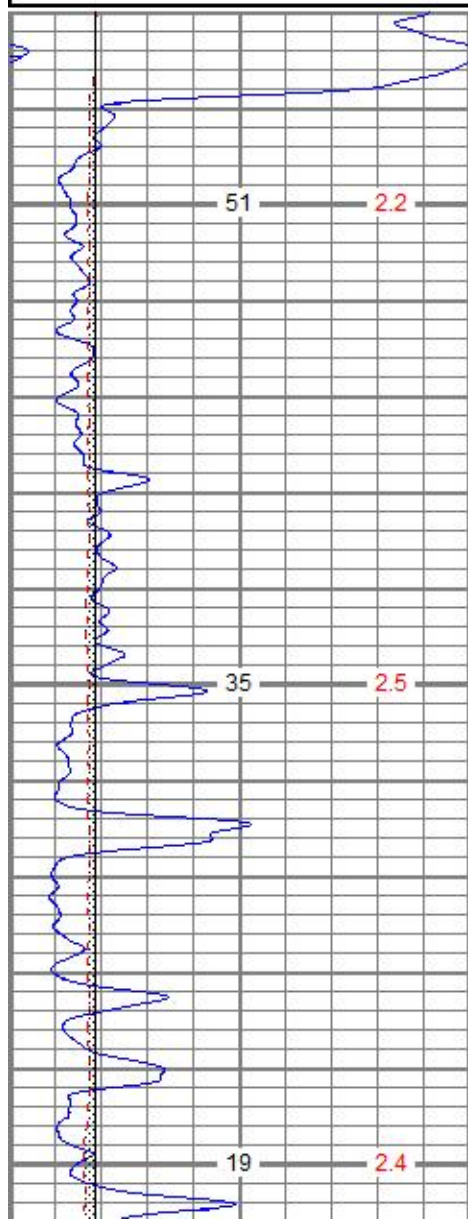


REPEAT SECTION

Database File joffinney1oh.db
Dataset Pathname pass1.1
Presentation Format digital_kcdnl
Dataset Creation Tue May 01 01:19:46 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)

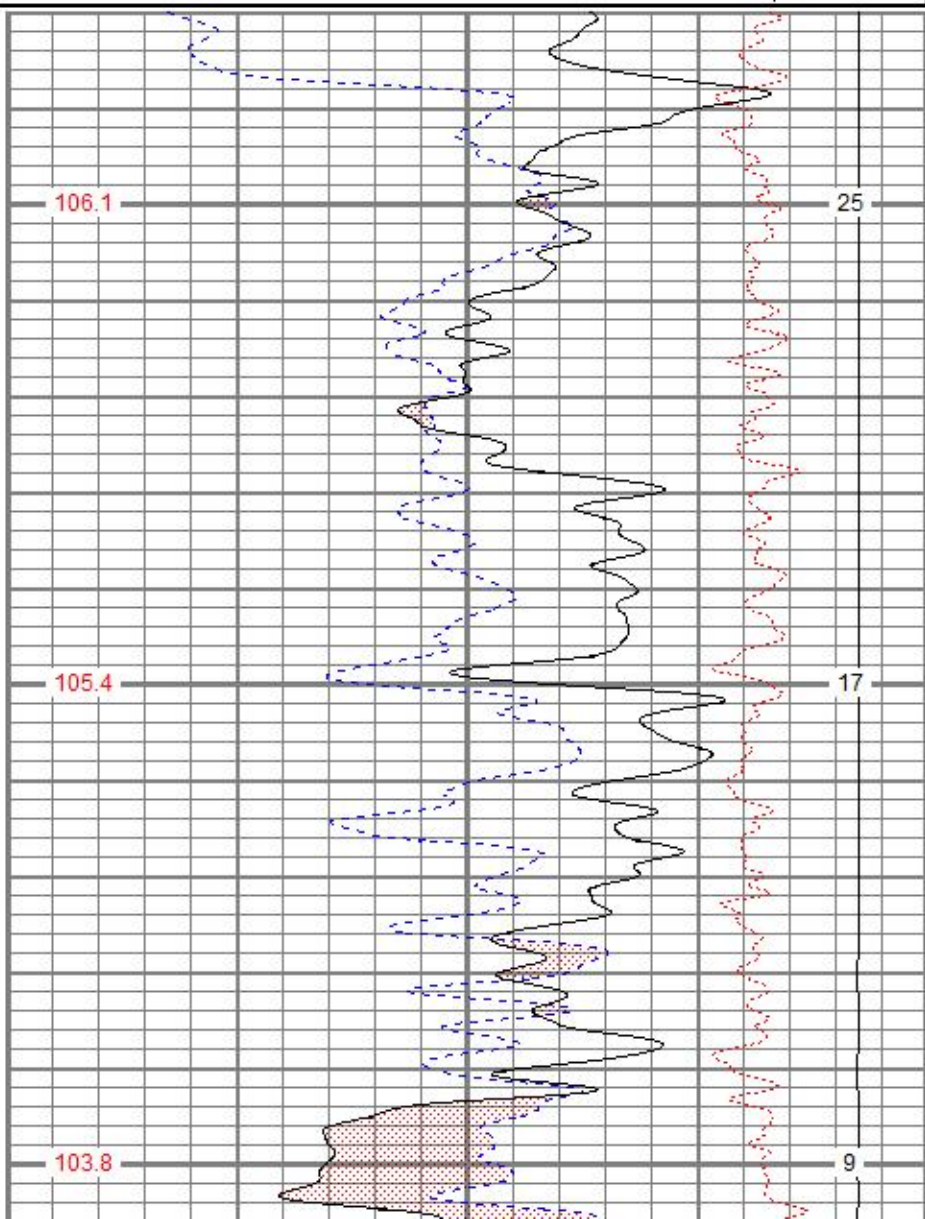
30		NPOR (pu)		-10
30		DPOR (pu)		-10
70		DPOR (pu)		30
TEMP (degF)		-0.25	RHOC (g/cc)	0.25
		8000	LTEN (lb)	0
				ABHV (ft3)



2950

3000

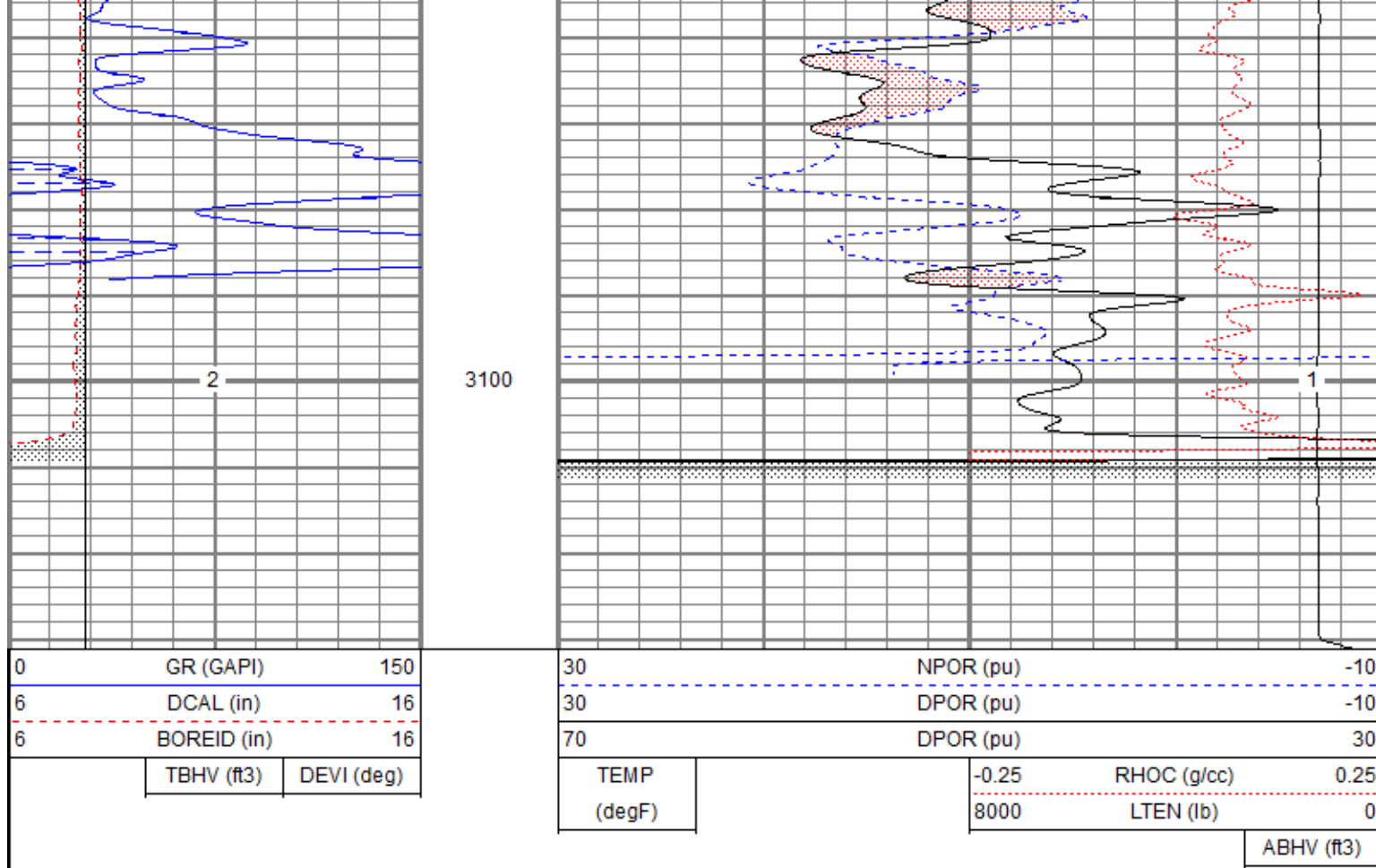
3050



25

17

9



Readings				Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.534	350.424	mmho/m	0.997	0.222
Medium	0.000	0.000	mmho/m	0.000	399.531	mmho/m	1.000	0.017
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

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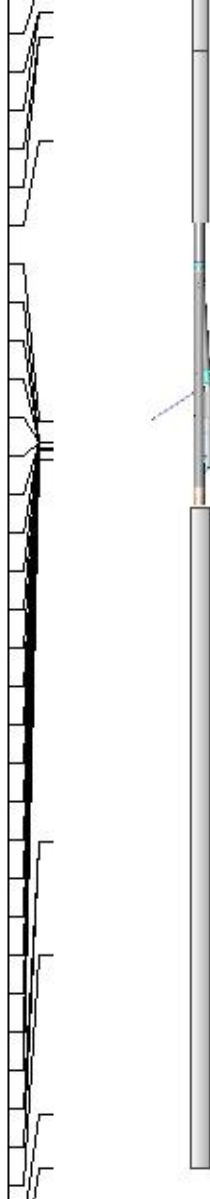
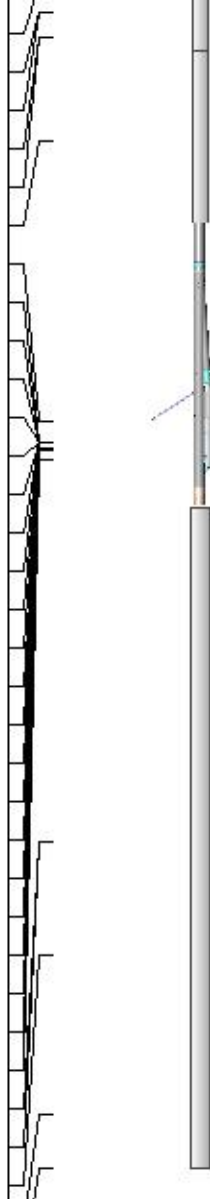
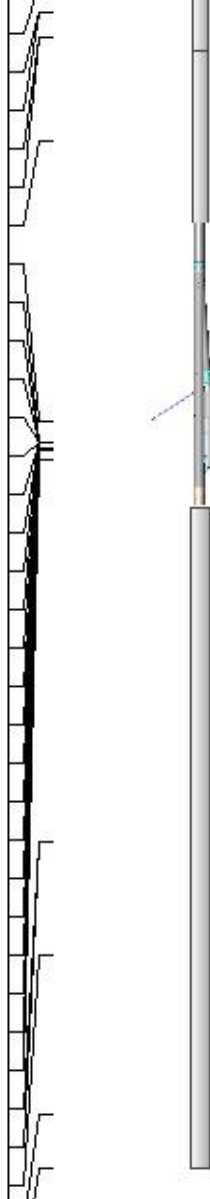
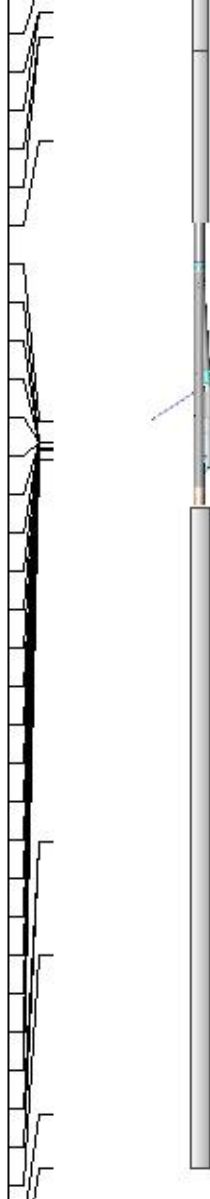
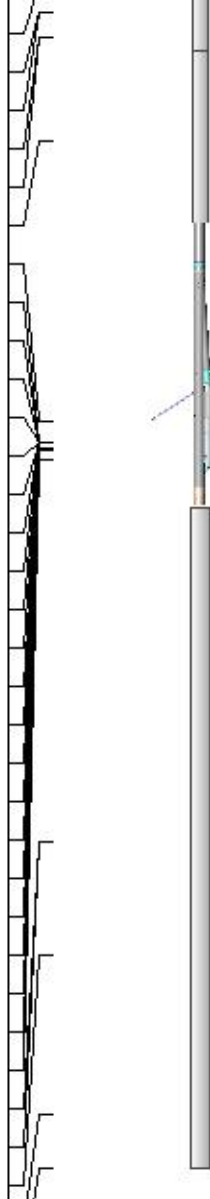
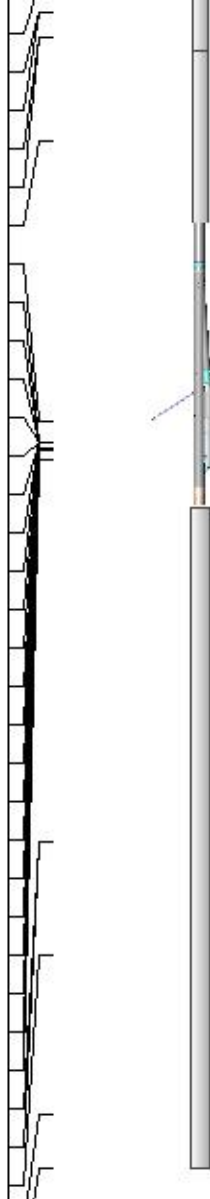
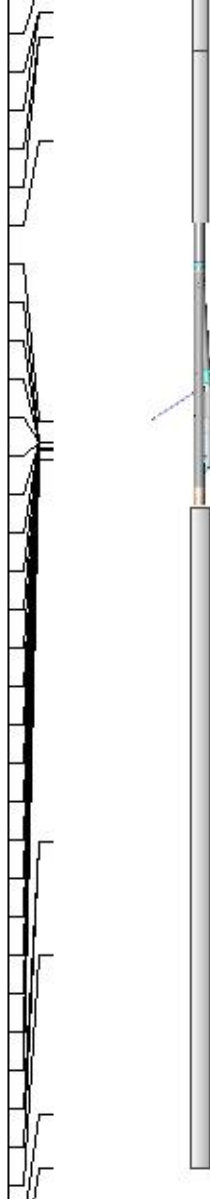
Neutron Calibration Report		
Serial Number:	2017	
Tool Model:	lithogearhart	
Performed:	(Not Performed)	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Temperature Calibration Report		
Serial Number:	WithOutMC	
Tool Model:	WOMC	
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:	Wed Dec 06 22:31:06 2017	
	Low Read.	High Read.
X Accelerometer	205.00	1843.00
Y Accelerometer	205.00	1843.00
Z Accelerometer		

Gamma Ray Calibration Report		
Serial Number:	WithOutMC	
Tool Model:	WOMC	
Performed:	Wed Dec 06 22:30:58 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.07		CHD-STD	0.50	1.69	1.00
ACCY	38.91		ADT-WOMC (WithOutMC)	4.58	3.50	120.00
ACCX	38.91					

ASSR	33.61		Telemetry Without Mud Cell	5.65	3.50	85.00
SSTAT	38.49					
PSTAT	37.66					
ASTAT	37.66					
GRD	36.82					
TEMP	36.82		NEU-lithogearhart (2017)	9.29	3.50	240.00
NEU	33.46					
LStat	24.30					
LS8	23.64					
LS7	23.64					
LS6	23.64		ADT1LITH-A (1) Admyr Litho Density Tool	21.47	4.00	345.00
LS5	23.64					
LS4	23.64					
LS3	23.64					
LS2	23.64					
LS1	23.64		DIL-G (5375) Gearhart	21.47	4.00	345.00
LSV	23.64					
LSD	23.62					
SSV	23.43					
SS8	23.43					
SS7	23.43		DIL-G (5375) Gearhart	21.47	4.00	345.00
SS6	23.43					
SS5	23.43					
SS4	23.43					
SS3	23.43					
SS2	23.43		DIL-G (5375) Gearhart	21.47	4.00	345.00
SS1	23.43					
DCAL	23.37					
SSD	23.04					
SP	10.60					
CILD	10.60		DIL-G (5375) Gearhart	21.47	4.00	345.00
CILM	6.89					
RLL3	1.70					
TR_Mon	0.00					
Dataset: joffinney1oh.db: field/well/run1/pass2.1 Total length: 41.49 ft Total weight: 791.00 lb O.D.: 4.00 in						