LITHO DENSITY NEUTRON/PE LOG

Company Stewart Producers, Inc.
Well Sutton #3
Field Wildcat
County Ness State Kansas

Company Stewart Producers, Inc.

Well Sutton #3

Field Wildcat

County Ness State Kansas

Location: API # : 15 135 25957

780' FSL & 1745' FWL

SEC 8 TWP 18S RGE 24W

Other Services
DIL
ML

Elevation
K.B. 2316'
D.F. 2314'
G.L. 2311'

Permanent Datum	Ground Level	Elevation 2311'
Log Measured From	KB 5' AGL	
Drilling Measured From	KB	

Date	7-23-17		
Run Number	One		
Depth Driller	4400'		
Depth Logger	4402'		
Bottom Logged Interval	4380'		
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	9.0/54		
pH / Fluid Loss	10.5/8.8		
Source of Sample	Pit		
Rm @ Meas. Temp	.75@84degf		
Rmf @ Meas. Temp	.60@84degf		
Rmc @ Meas. Temp	0.96@84degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	0.55@114degf		
Time Circulation Stopped	3:30 a.m.		
Time Logger on Bottom	6:35 a.m.		
Maximum Recorded Temperature	114degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	C.Patterson		
Witnessed By	Mr. Aaron Young		

<<< Fold Here >>>

Comments

West of Ness City To N Rd., North to 160 Rd., West 3/4 mi.
North Into By Tank Batteries

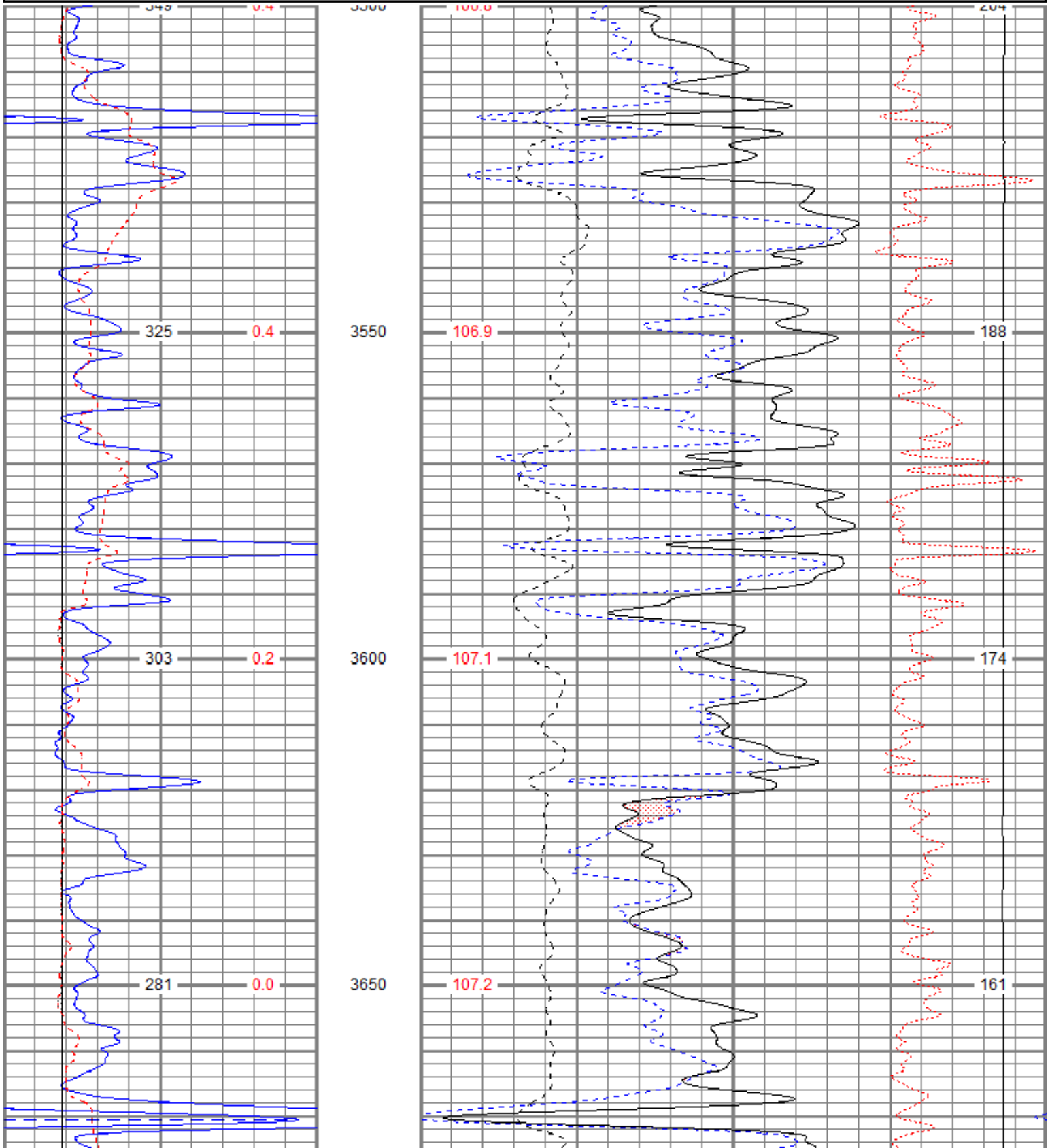
Thank You For Using Gemini Wireline LLC.
785-625-1182

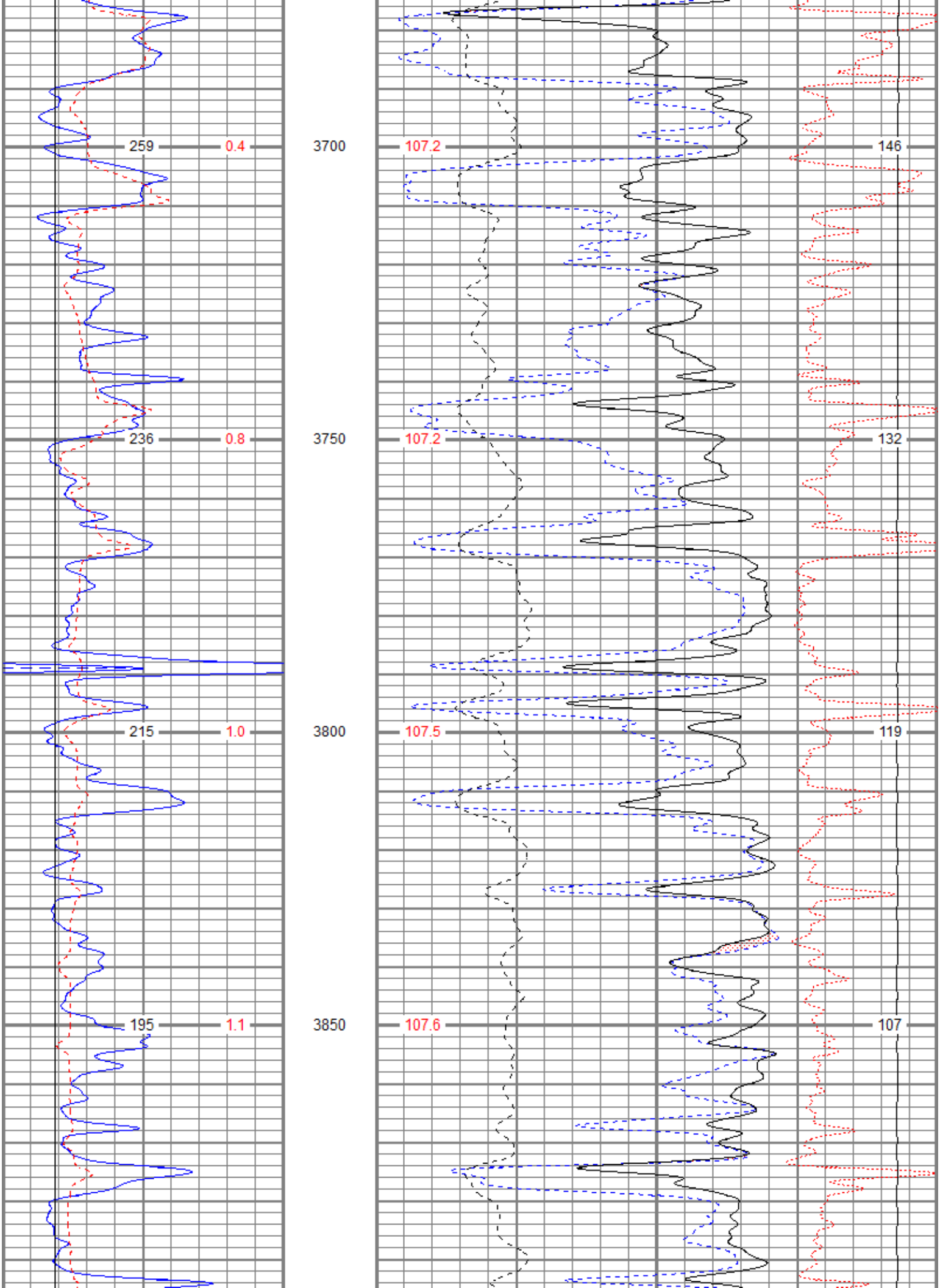
MAIN PASS

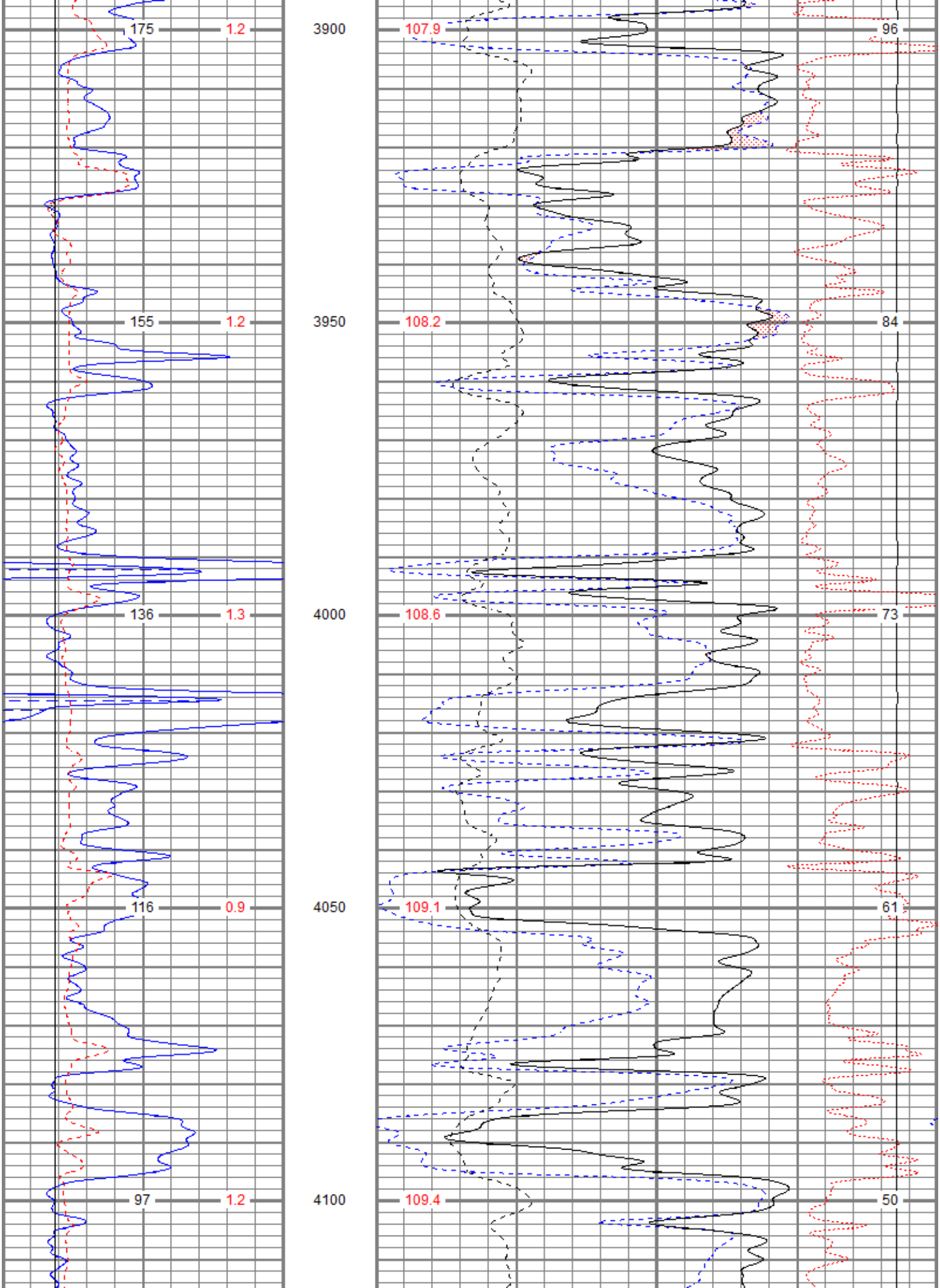
Database File	spsutton#3oh.db
Dataset Pathname	pass2.1
Presentation Format	digital_kcdnl
Dataset Creation	Sun Jul 23 07:50:34 2017
Charted by	Depth in Feet scaled 1:240

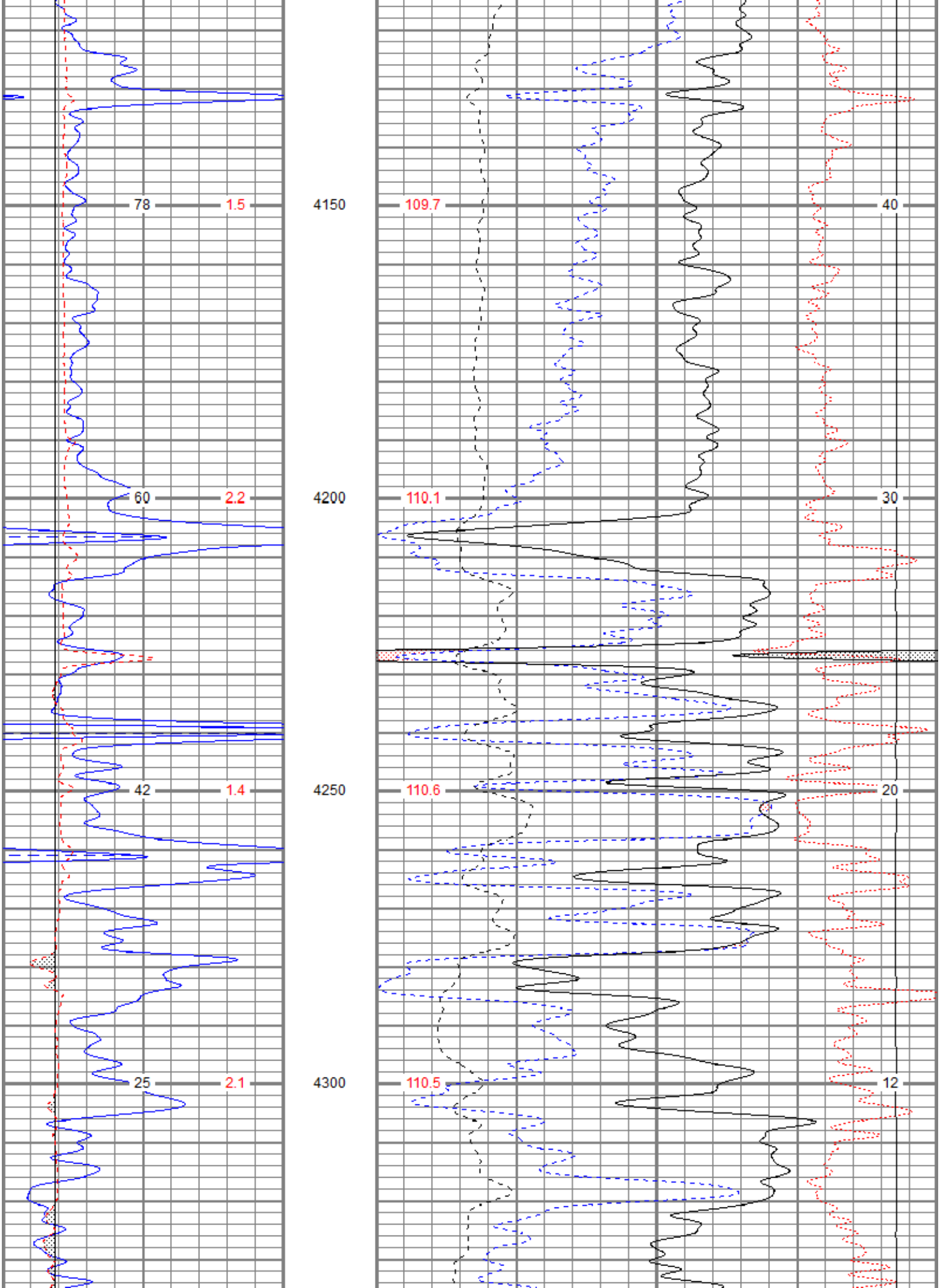
0	GR (GAPI)	150
6	BOREID (in)	16
6	DCAL (in)	16
	TBHV (ft3) / DEVI (deg)	

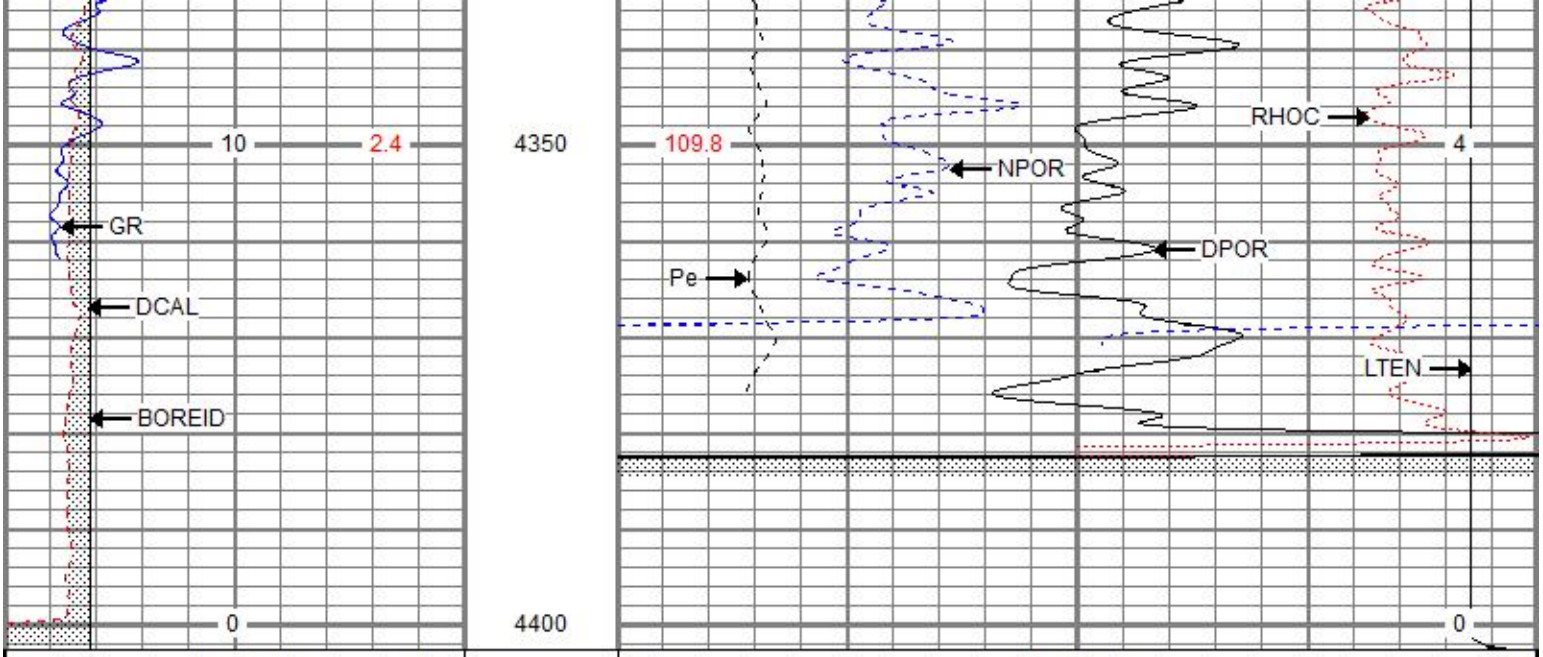
30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30
0	Pe (barn)	10
-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0
TEMP (degF)		ABHV (ft3)




259
0.4
3700
107.2
146
236
0.8
3750
107.2
132
215
1.0
3800
107.5
119
195
1.1
3850
107.6
107


175
1.2
3900
107.9
96
155
1.2
3950
108.2
84
136
1.3
4000
108.6
73
116
0.9
4050
109.1
61
97
1.2
4100
109.4
50


78
1.5
4150
109.7
40
60
2.2
4200
110.1
30
42
1.4
4250
110.6
20
25
2.1
4300
110.5
12



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

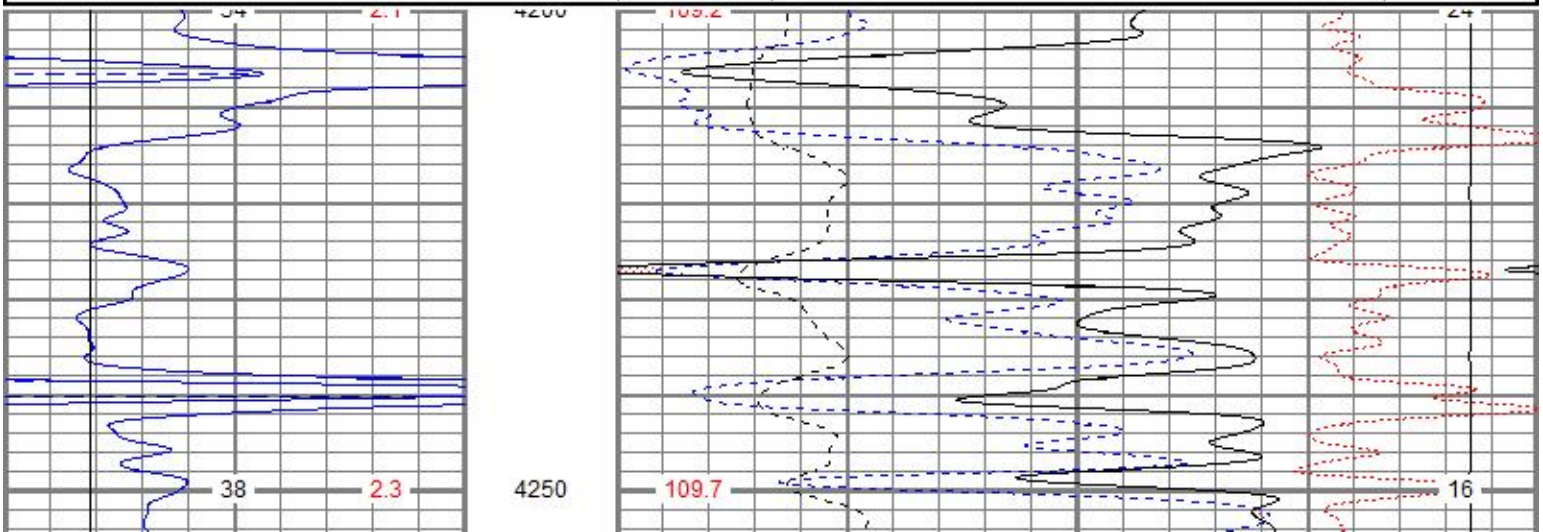
30	NPOR (pu)			-10
30	DPOR (pu)			-10
70	DPOR (pu)			30
0	Pe (barn)	10	-0.25 RHOC (g/cc)	0.25
TEMP (degF)			8000 LTEN (lb)	0
				ABHV (ft3)

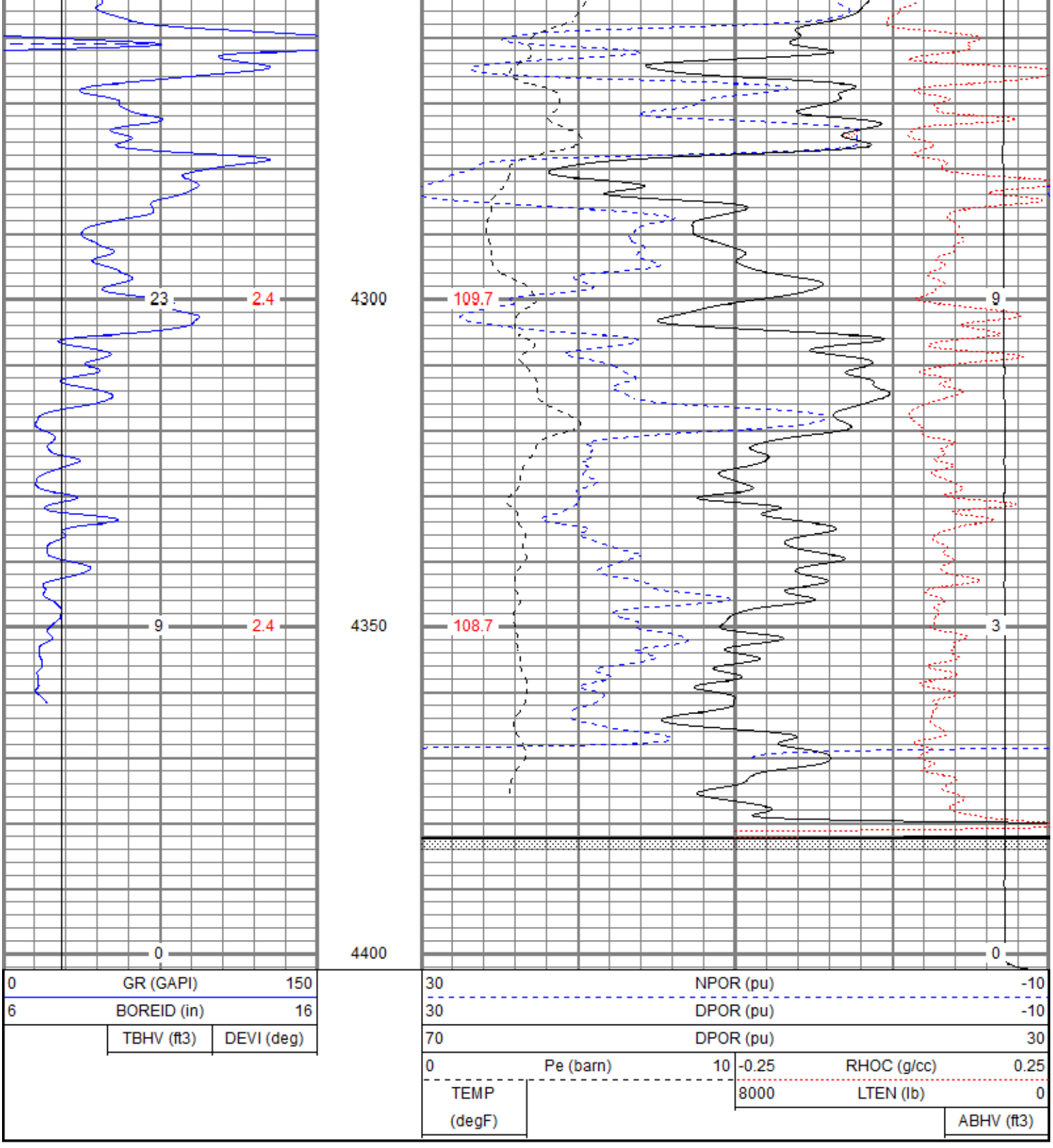
REPEAT SECTION

Database File	spsutton#3oh.db
Dataset Pathname	pass1.1
Presentation Format	digital_kcdnl
Dataset Creation	Sun Jul 23 08:00:21 2017
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
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 (degF)			8000 LTEN (lb)	0
				ABHV (ft3)





Calibration Report

Database File	spsutton#3oh.db
Dataset Pathname	pass2.1
Dataset Creation	Sun Jul 23 07:50:34 2017

Dual Induction Calibration Report

Serial-Model:	1842-ADM
Surface Cal Performed:	Fri Mar 24 11:14:24 2017
Downhole Cal Performed:	Fri Mar 24 11:15:12 2017
After Survey Verification Performed:	Fri Mar 24 11:15:12 2017

Surface Calibration

Surface Calibration

Loop:	Readings Air	Readings Loop		References Air	References Loop		Results m	Results b
Deep	0.019	0.670	V	0.000	350.000	mmho/m	537.457	-9.953
Medium	0.004	0.766	V	0.000	400.000	mmho/m	525.444	-2.348
Internal:	**Zero**	**Cal**		**Zero**	**Cal**		**m**	**b**
Deep	0.019	0.669	V	0.000	350.000	mmho/m	538.189	-10.193
Medium	0.004	0.766	V	0.000	550.000	mmho/m	721.803	-3.181

Downhole Calibration

Internal:	Readings Zero	Readings Cal		References Zero	References Cal		Results m	Results b
Deep	-0.007	350.102	mmho/m	0.226	349.751	mmho/m	0.998	0.233
Medium	-0.083	400.257	mmho/m	-0.032	400.346	mmho/m	1.000	0.051
Shallow	2.533	0.026	V	500.000	2.000	Ohm-m	198.594	-3.121

After Survey Verification

Internal:	Readings Zero	Readings Cal		Targets Zero	Targets Cal		Results m'	Results b'
Deep	0.000	0.000	mmho/m	-0.007	350.102	mmho/m	0.998	0.233
Medium	0.000	0.000	mmho/m	-0.083	400.257	mmho/m	1.000	0.051
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Neutron Calibration Report

Serial Number:	Admyr	
Tool Model:	G	
Performed:	Thu Mar 09 09:56:12 2017	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Gamma Ray Calibration Report

Serial Number:	1	
Tool Model:	A	
Performed:	Thu Jun 08 07:52:01 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps

Temperature Calibration Report

Serial Number:	1			
Tool Model:	A			
Performed:	Thu Jun 08 07:52:12 2017			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	32.00	degF	32.00	degF
Gain:	1.00			
Offset:	0.00			
Delta Spacing	1			

Delta Spacing 1

Inclinometer Calibration Report

Performed: Thu Jun 08 07:52:17 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

Sensor	Offset (ft)
GR	38.32
TEMP	35.35
PSTAT	35.06
ASTAT	35.06
GRD	34.81
ACCY	34.65
ACCX	34.65
SSTAT	34.65
NEU	33.46
LStat	22.54
LS8	21.88
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
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
CILM	6.89
RLL3	1.70
TR_Mon	0.00

Schematic

Description	Length (ft)	O.D. (in)	Weight (lb)
CHD-STD	0.50	1.69	1.00
ADT1PULSE-A (1) Pulsed Interface Tool #1	0.83	3.50	10.00
ADT1ADC-A (1) Analog Interface #1	0.83	3.50	10.00
ADT1SENSORS-A (1)	4.54	3.50	10.00
NEU-G (Admyr) Gearhart Epithermal	5.65	3.50	85.00
ADT1LITH-A (1) Admyr Litho Density Tool	9.29	3.50	240.00
DIL-ADM (1842) Dual Induction	19.71	4.00	300.00

Dataset: spsutton#3oh.db: field/well/run1/pass2.1
Total length: 39.69 ft
Total weight: 656.00 lb
O.D.: 4.00 in