

[illegible]

Logging Date					
Run Number					
Depth Driller					
Schlumberger Depth					
Bottom Log Interval					
Top Log Interval					
Casing Driller Size @ Depth		@			
Casing Schlumberger					
Bit Size					
Type Fluid In Hole					
Density	Viscosity				
Fluid Loss	PH				
Source Of Sample					
RM @ Measured Temperature		@			
RMF @ Measured Temperature		@			
RMC @ Measured Temperature		@			
Source RMF	RMC				
RM @ MRT	RMF @ MRT	@		@	
Maximum Recorded Temperatures					
Circulation Stopped	Time				
Logger On Bottom	Time				
Unit Number	Location				
Recorded By					
Witnessed By					

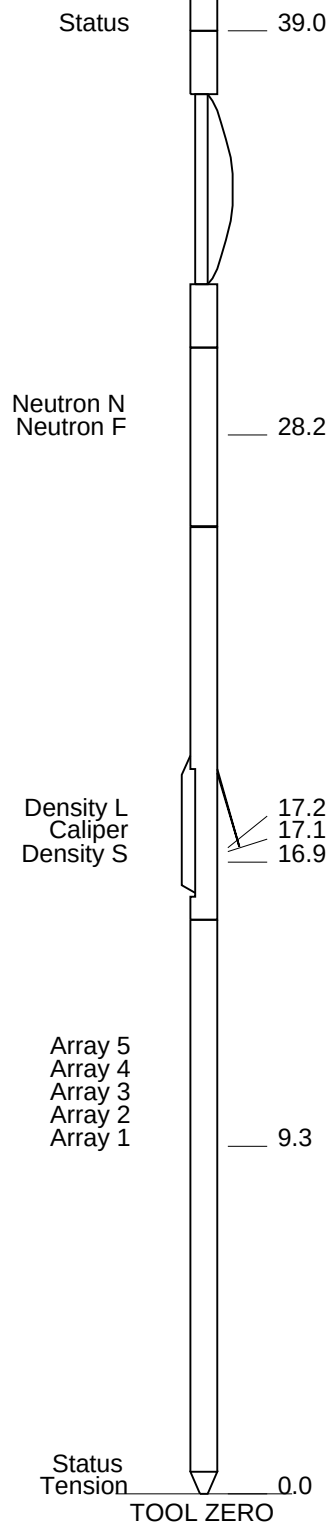
DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

[illegible]

EQUIPMENT DESCRIPTION	
RUN 1	RUN 2

Material	Gamma-Ray	Value
TBT-A		47.4
THEAD		
TMG-A 4		
TILE-B		
TBN-A 21		
NNLS-EWA		
TBD-A 23		
GGLS-FZ		



MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Schlumberger

MAIN PASS

MAXIS Field Log

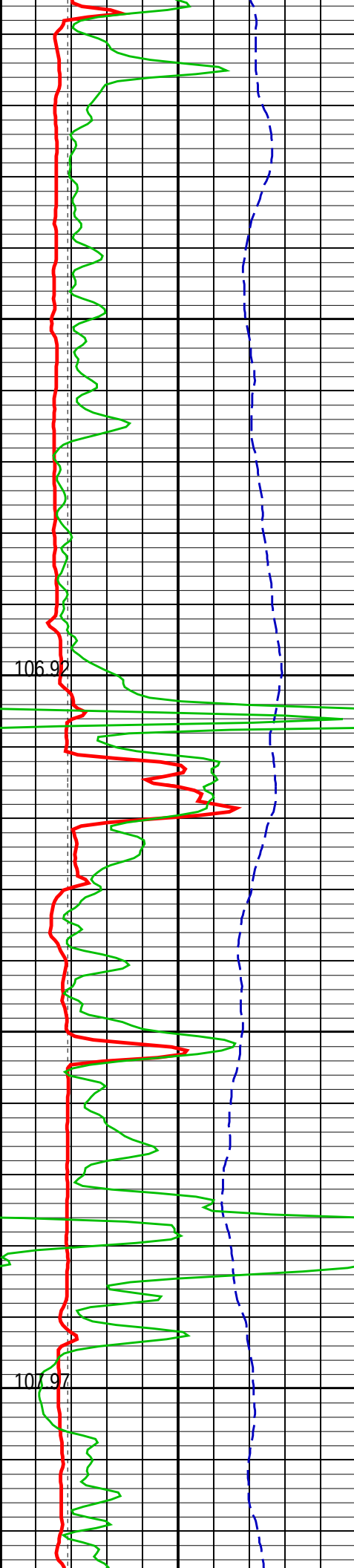
Company: MERIT ENERGY COMPANYWell: GARDEN CITY V-6

Input DLIS Files						
DEFAULT	ThruBit_012PUP	FN:10	PRODUCER	27-Jun-2014 08:30	4957.5 FT	3558.5 FT

OP System Version: 19C2-270	
TBT	SRPC-5298-ThruBit

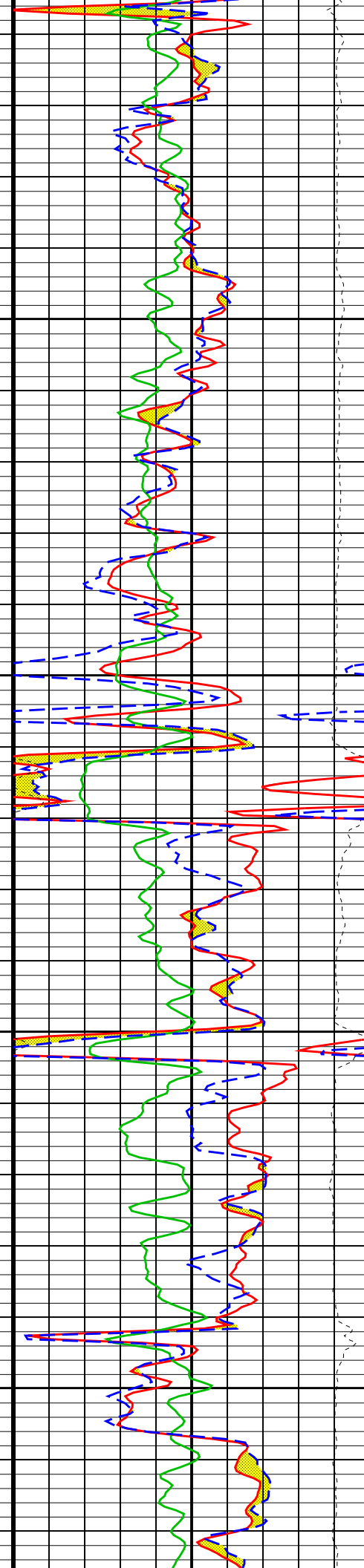
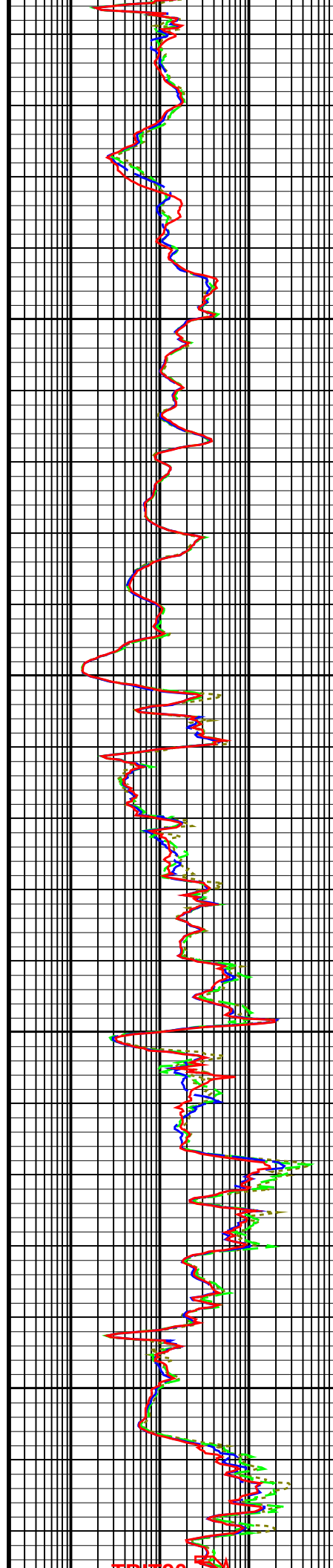
Caliper (CALI) 6 (IN) 16					
Gamma Ray (GR) 0 (GAPI) 150		TBI 90 Inch Investigation (TBIT90) 0.2 (OHMM) 2000		TNPH (TNPH) 0.3 (V/V) -0.1	
SP (TB_CORR_1) -160 (MV) 40		TBI 60 Inch Investigation (TBIT60) 0.2 (OHMM) 2000		PEF (PEF) 0 (----) 10	
Bit Size (BS) 6 (IN) 16		TBI 30 Inch Investigation (TBIT30) 0.2 (OHMM) 2000		DRHO (DRHO) -1.8 (G/C3) 0.2	
Well Temp (WTEP) (DEGF)		TBI 20 Inch Investigation (TBIT20) 0.2 (OHMM) 2000		DPHI (DPHI) 0.3 (V/V) -0.1	

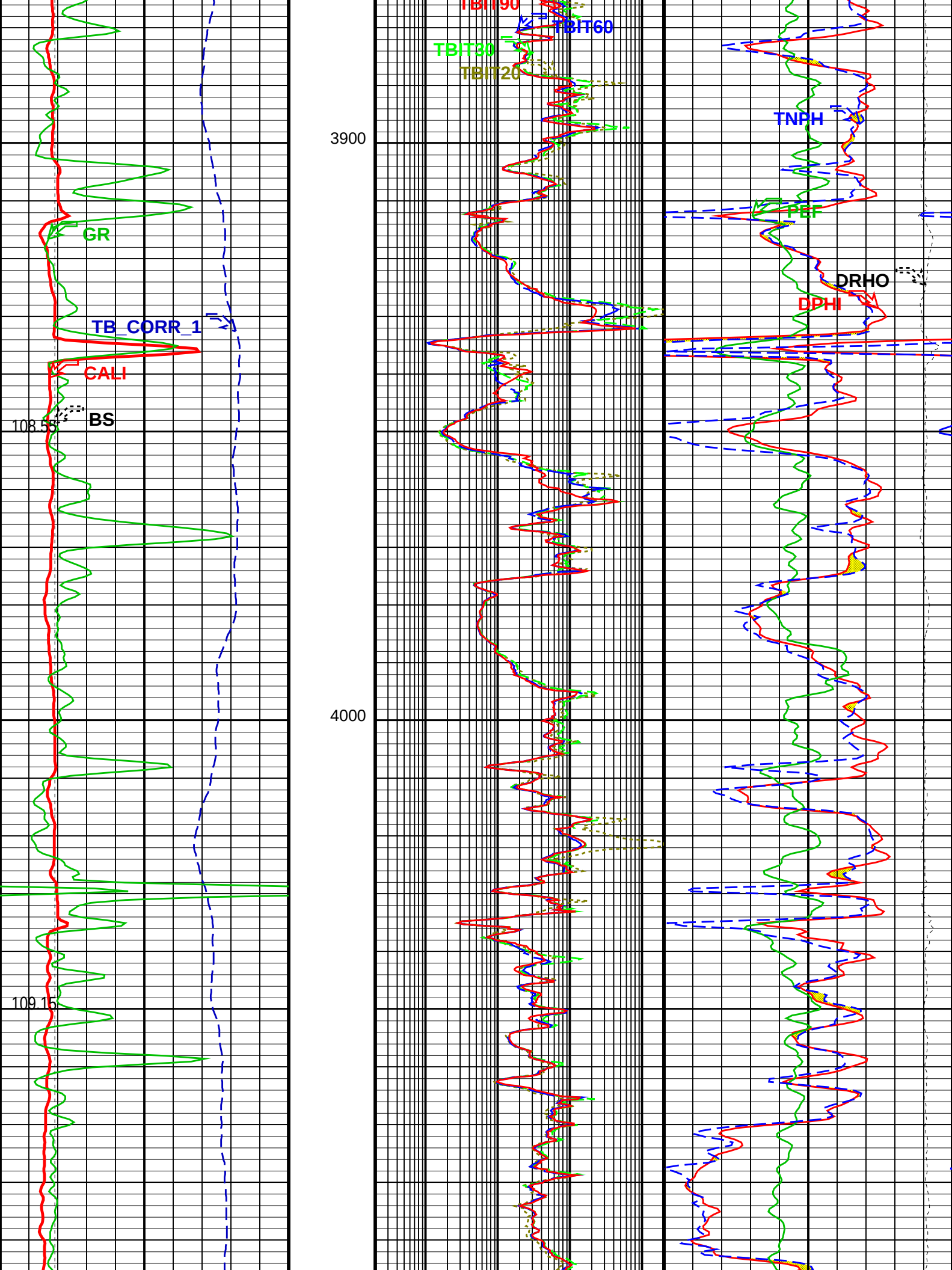


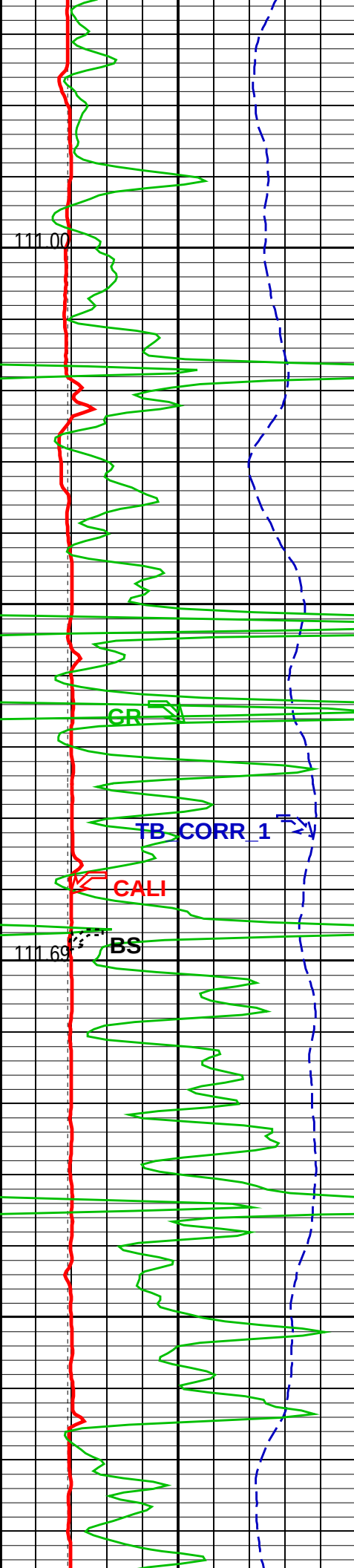


3700

3800

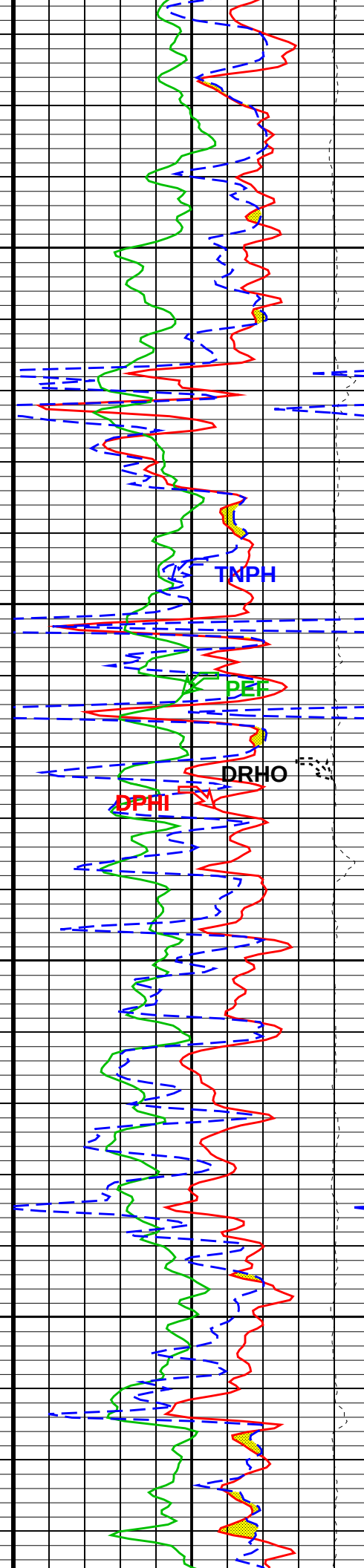
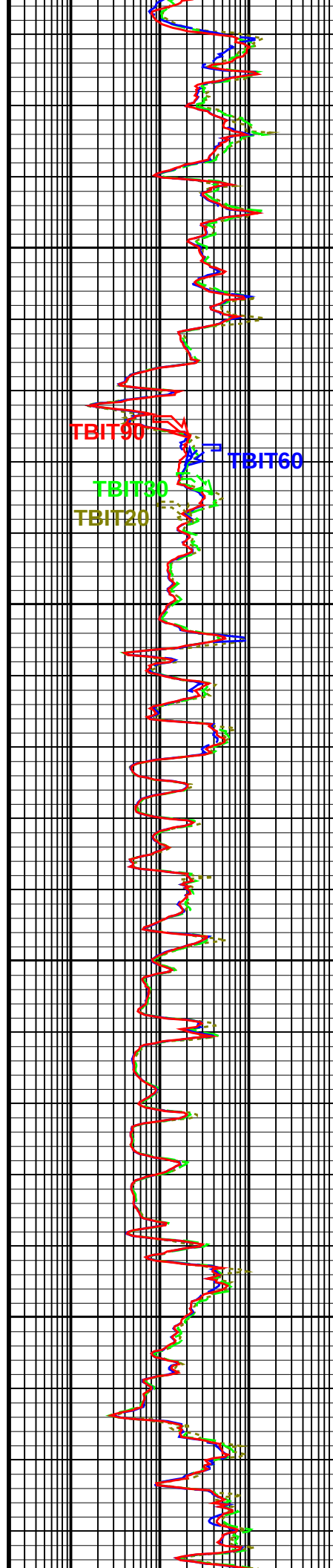


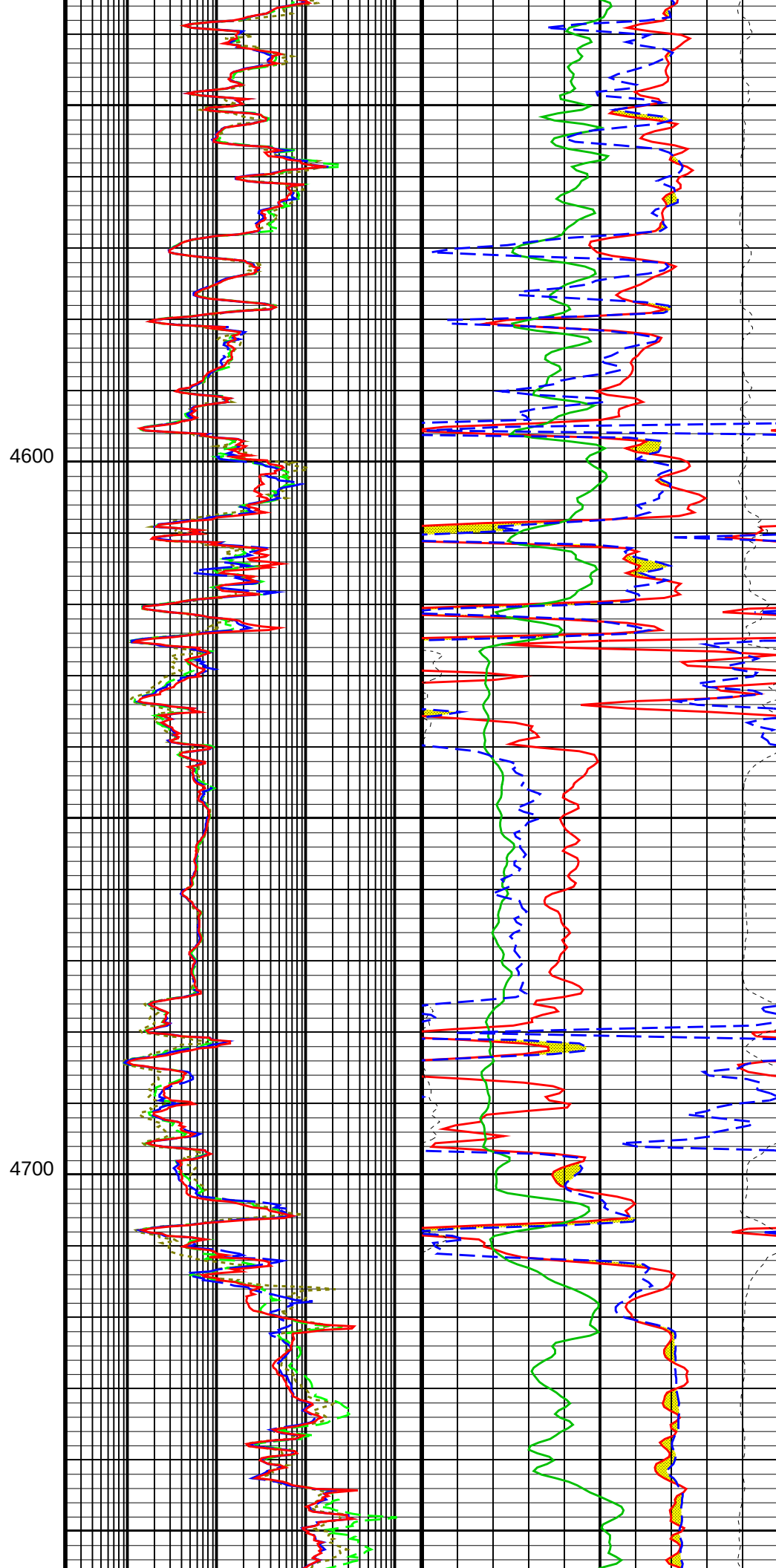
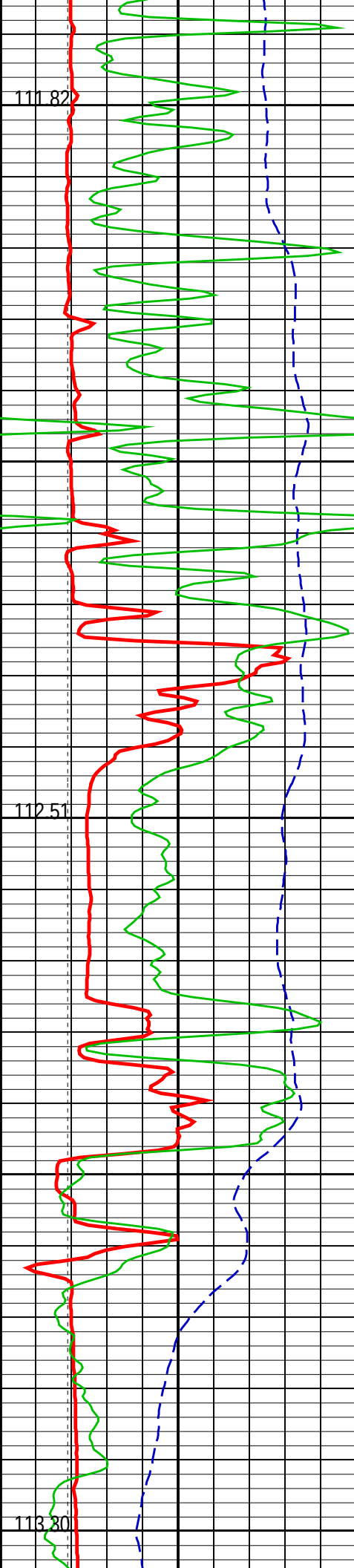


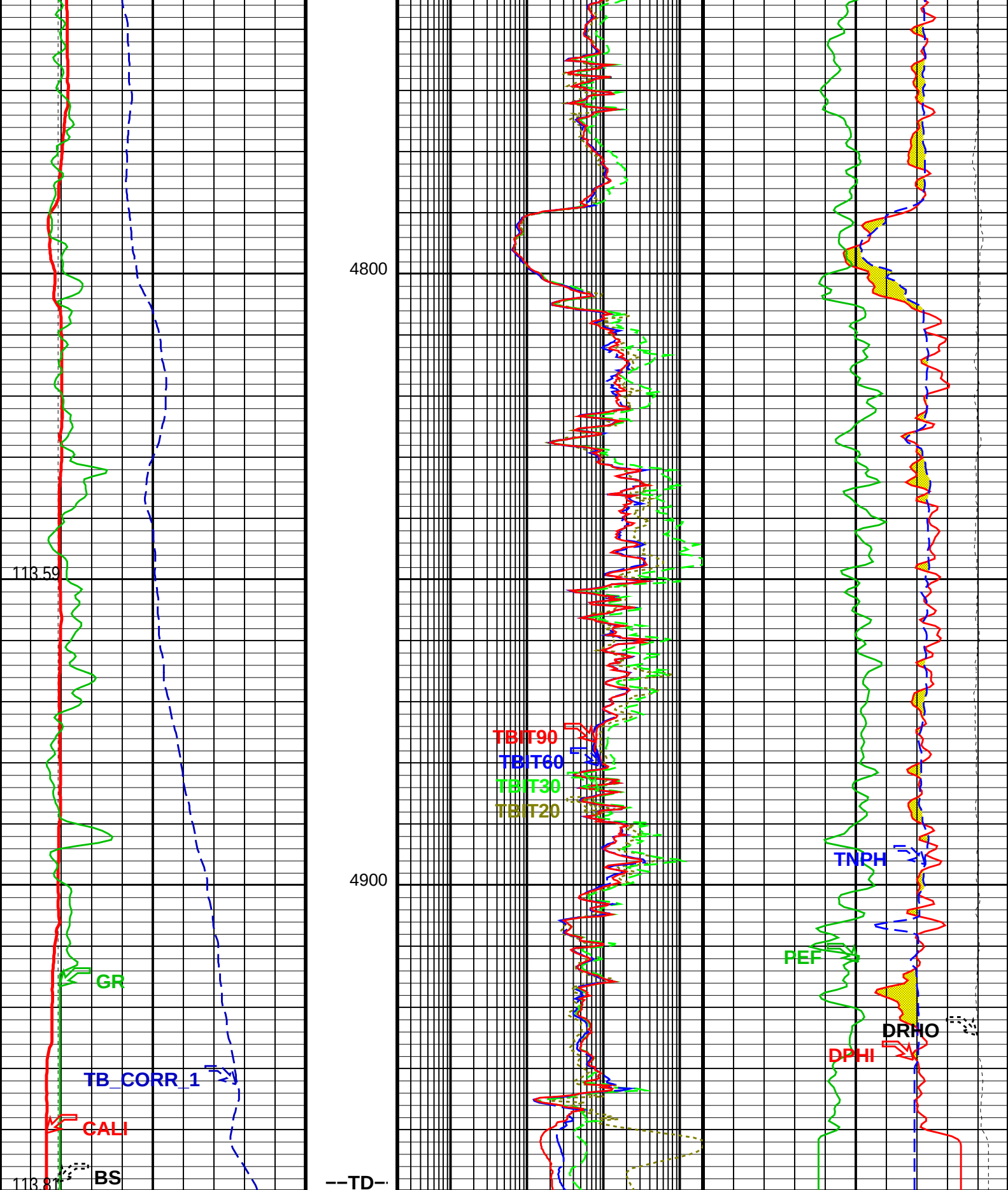


4400

4500







Well Temp (WTEP) (DEGF)		TBI 20 Inch Investigation (TBIT20) (OHMM)		DPHI (DPHI) (V/V)	
6		0.2		0.3	
Bit Size (BS) (IN)		TBI 30 Inch Investigation (TBIT30) (OHMM)		DRHO (DRHO) (G/C3)	
16		0.2		-1.8	
SP (TB_CORR_1) (MV)		TBI 60 Inch Investigation (TBIT60) (OHMM)		PEF (PEF) (-----)	
-160		0.2		0	
40		2000		10	

Gamma Ray (GR)			TBI 90 Inch Investigation (TBIT90)			TNPH (TNPH)		
0	(GAPI)	150	0.2	(OHMM)	2000	0.3	(V/V)	-0.1
Caliper (CALI)								
6	(IN)	16						

Parameters			
DLIS Name	Description	Value	
TBT-A: ThruBit String			
BHS	Borehole Status	OPEN	
CSAL	Cement Salinity	0.000	ppm
CSID	Casing Size I.D.	8.097	in
DHC	Density Hole Correction	CALIPER	
FD	Fluid Density	1.000	g/cm3
FSAL	Formation Salinity	0.000	ppm
FSCO	Formation Salinity Correction Enabled? (for TBN)	NO	
MATR	Rock Matrix for Neutron Porosity Corrections	LIME	
MDEN	Matrix Density	2.710	g/cm3
MT	Mud Type (for TBN and TBI correction)	WBM	
MWCO	Mud-Weight Correction Enabled? (for TBN)	NO	
SOCO	Stand-Off Correction Enabled? (for TBN)	NO	
SOFF	TBN Standoff	0.000	in
TBD_CAL_BLOCK	TBD Calibration Block Type	THRUBIT	
TBD_SPIKE_REJECT	TBD Spike Detection Option	DETECT	
TBD_SPIKE_THRESHOLD	TBD Attenuation Change Threshold for Spike Detection	5.000	%
TBI_ALGO	TBI Algorithm Selection	AIT	
TBI_BHC_OP	Borehole Correction Option (for TBI)	CALIPER	
TBI_CALTYP	TBI Mastercal Type	THRUBIT	
TBI_REPL_ARRAY_DEST	TBI: Replace This Array	NONE	
TBI_REPL_ARRAY_SOURCE	TBI: With This Array	NONE	
TBI_TC_OP	Induction Temperature Correction Option	LOWER	
TBN_BHC_OP	Borehole Correction Option (for TBN)	CALIPER	
TBN_CAL_TANK	TBN Calibration Tank Type	THRUBIT	
TBN PRES_OP	Pressure Correction Enabled? (for TBN)	NO	
TBN_TEMP_OP	Temperature Correction Enabled? (for TBN)	NO	
TBN_WPRE	Well Pressure (for TBN)	14.696	psi
WMUD	Mud Weight	9.800	lbm/gal
HOLEV: Integrated Hole/Cement Volume			
BHS	Borehole Status	OPEN	
MATR	Rock Matrix for Neutron Porosity Corrections	LIME	
System and Miscellaneous			
BS	Bit Size	7.875	in
BSAL	Borehole Salinity	25000.0	ppm
CSIZ	Current Casing Size	8.625	in

Format: TB_TCOM

Vertical Scale: 5" per 100'

Graphics File Created: 27-Jun-2014 09:30

OP System Version: 19C2-270	
TBT	SRPC-5298-ThruBit

Input DLIS Files						
DEFAULT	ThruBit_012PUP	FN:10	PRODUCER	27-Jun-2014 08:30	4957.5 FT	3558.5 FT



REPEAT PASS

MAXIS Field Log

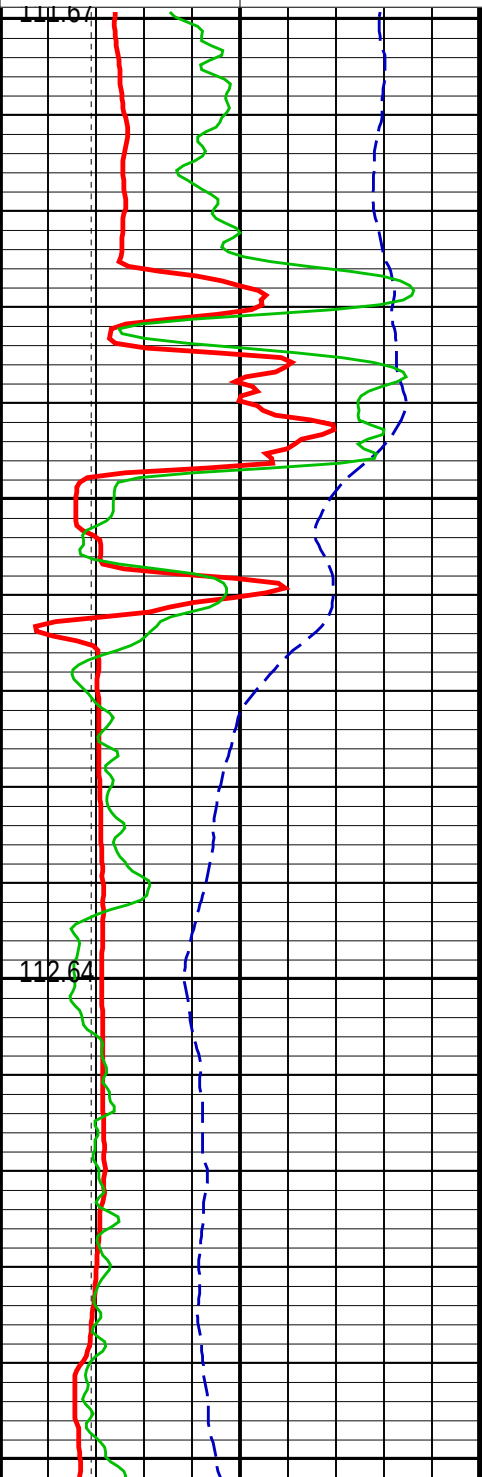
Input DLIS Files

OP System Version: 19C2-270

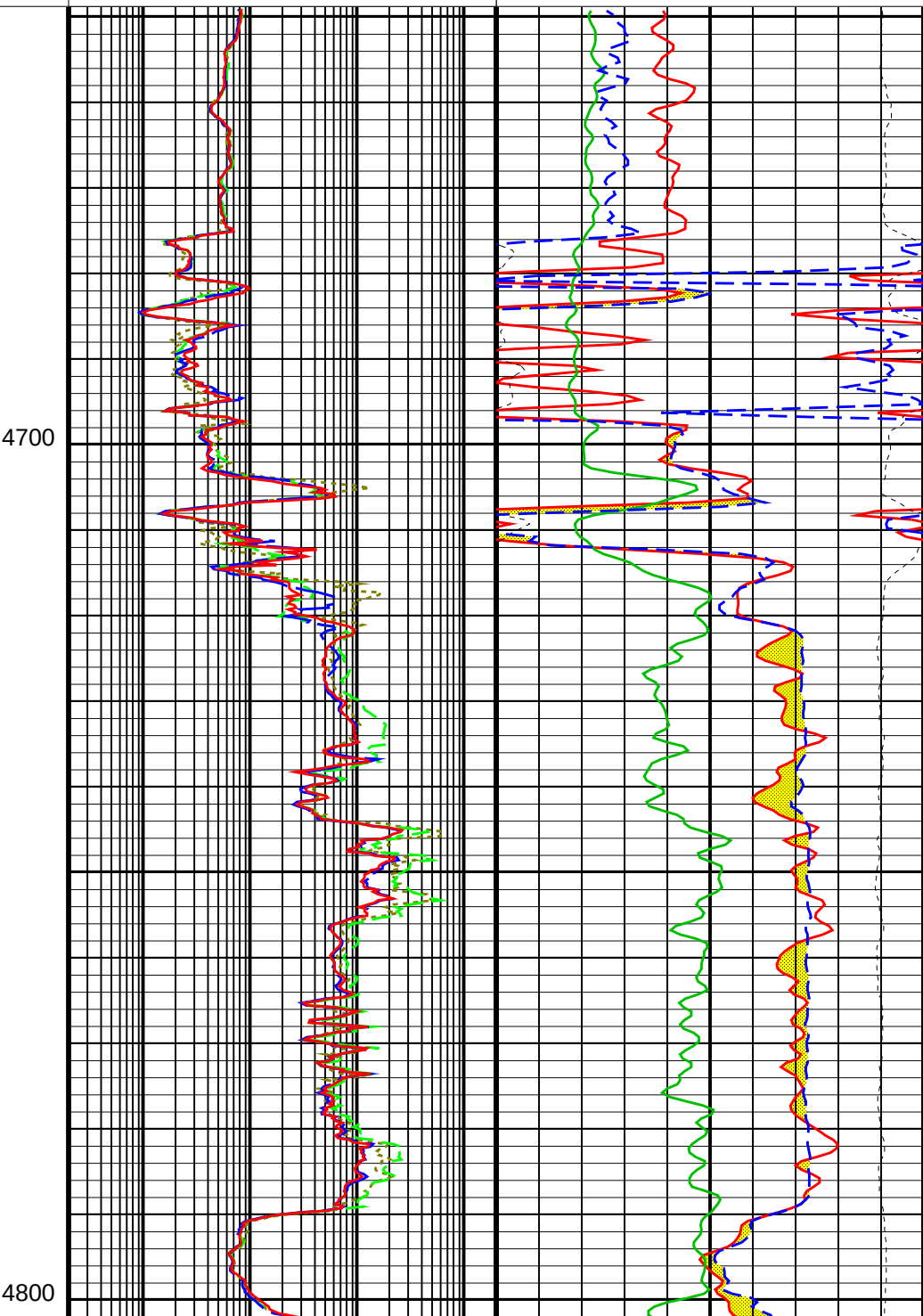
TBT SRPC-5298-ThruBit

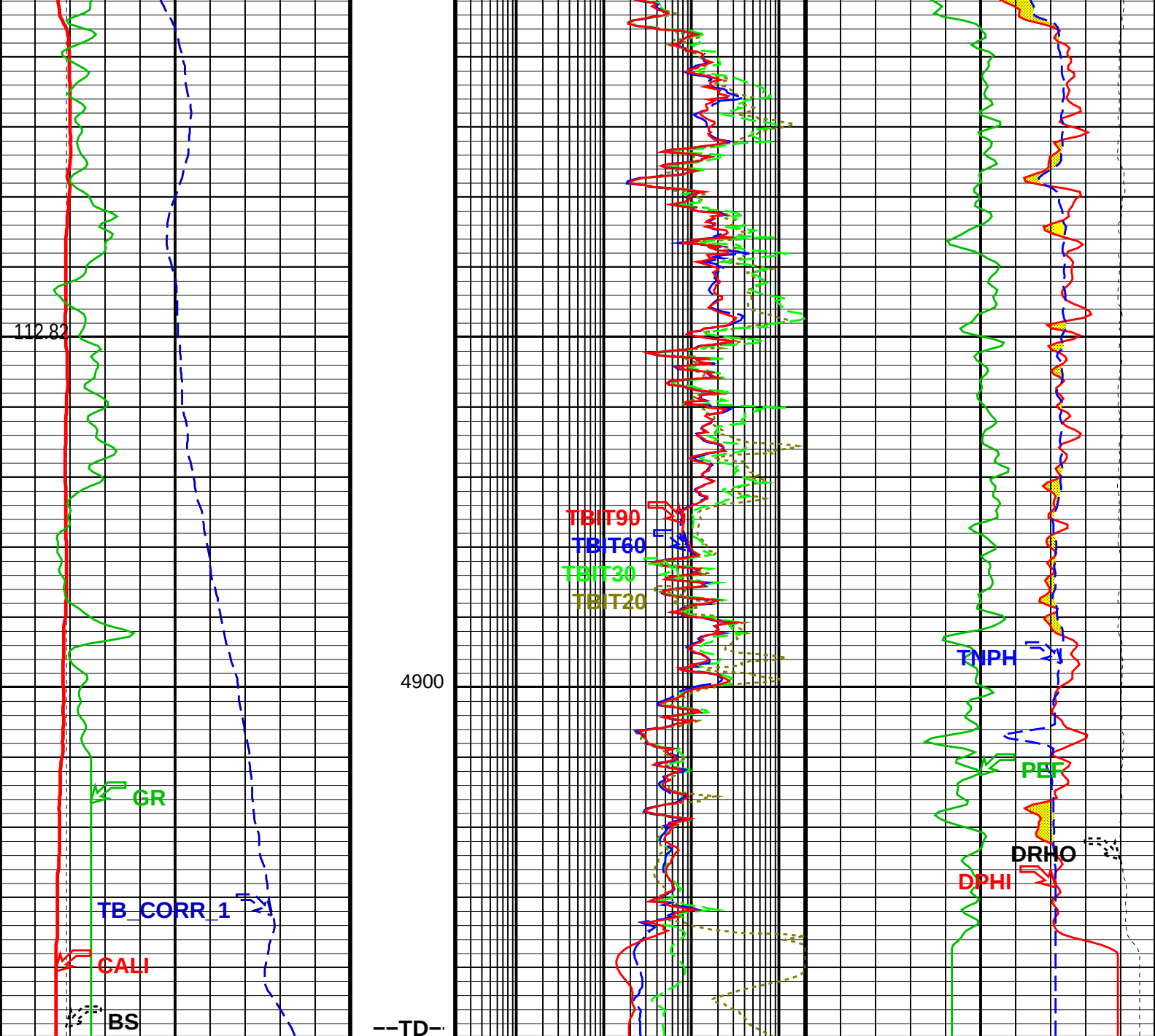
Caliper (CALI)		
6	(IN)	16
Gamma Ray (GR)		
0	(GAPI)	150
SP (TB_CORR_1)		
-160	(MV)	40
Bit Size (BS)		
6	(IN)	16

Well Temp (WTEP)
(DEGF)



TBI 90 Inch Investigation (TBIT90)		
0.2	(OHMM)	2000
TBI 60 Inch Investigation (TBIT60)		
0.2	(OHMM)	2000
TBI 30 Inch Investigation (TBIT30)		
0.2	(OHMM)	2000
TBI 20 Inch Investigation (TBIT20)		
0.2	(OHMM)	2000
TNPH (TNPH)		
0.3	(V/V)	-0.1
PEF (PEF)		
0	(----	10
DRHO (DRHO)		
-1.8	(G/C3)	0.2
DPHI (DPHI)		
0.3	(V/V)	-0.1





Well Temp (WTEP) (DEGF)			TBI 20 Inch Investigation (TBIT20) 0.2 (OHMM) 2000		DPHI (DPHI) 0.3 (V/V) -0.1	
Bit Size (BS) (IN)	6	16	TBI 30 Inch Investigation (TBIT30) 0.2 (OHMM) 2000		DRHO (DRHO) -1.8 (G/C3) 0.2	
SP (TB_CORR_1) (MV)	-160	40	TBI 60 Inch Investigation (TBIT60) 0.2 (OHMM) 2000		PEF (PEF) 0 (----) 10	
Gamma Ray (GR) (GAPI)	0	150	TBI 90 Inch Investigation (TBIT90) 0.2 (OHMM) 2000		TNPH (TNPH) 0.3 (V/V) -0.1	
Caliper (CALI) (IN)	6	16				

Parameters		
DLIS Name	Description	Value
TBT-A: ThruBit String		
BHS	Borehole Status	OPEN
CSAL	Cement Salinity	0.000 ppm
CSID	Casing Size I.D.	8.097 in

DHC	Density Hole Correction	CALIPER	
FD	Fluid Density	1.000	g/cm3
FSAL	Formation Salinity	0.000	ppm
FSCO	Formation Salinity Correction Enabled? (for TBN)	NO	
MATR	Rock Matrix for Neutron Porosity Corrections	LIME	
MDEN	Matrix Density	2.710	g/cm3
MT	Mud Type (for TBN and TBI correction)	WBM	
MWCO	Mud-Weight Correction Enabled? (for TBN)	NO	
SOCO	Stand-Off Correction Enabled? (for TBN)	NO	
SOFF	TBN Standoff	0.000	in
TBD_CAL_BLOCK	TBD Calibration Block Type	THRUBIT	
TBD_SPIKE_REJECT	TBD Spike Detection Option	DETECT	
TBD_SPIKE_THRESHOLD	TBD Attenuation Change Threshold for Spike Detection	5.000	%
TBI_ALGO	TBI Algorithm Selection	AIT	
TBI_BHC_OP	Borehole Correction Option (for TBI)	CALIPER	
TBI_CALTYP	TBI Mastercal Type	THRUBIT	
TBI_REPL_ARRAY_DEST	TBI: Replace This Array	NONE	
TBI_REPL_ARRAY_SOURCE	TBI: With This Array	NONE	
TBI_TC_OP	Induction Temperature Correction Option	LOWER	
TBN_BHC_OP	Borehole Correction Option (for TBN)	CALIPER	
TBN_CAL_TANK	TBN Calibration Tank Type	THRUBIT	
TBN_PRES_OP	Pressure Correction Enabled? (for TBN)	NO	
TBN_TEMP_OP	Temperature Correction Enabled? (for TBN)	NO	
TBN_WPRE	Well Pressure (for TBN)	14.696	psi
WMUD	Mud Weight	9.800	lbm/gal
HOLEV: Integrated Hole/Cement Volume			
BHS	Borehole Status	OPEN	
MATR	Rock Matrix for Neutron Porosity Corrections	LIME	
System and Miscellaneous			
BS	Bit Size	7.875	in
BSAL	Borehole Salinity	25000.0	ppm
CSIZ	Current Casing Size	8.625	in

Format: TB_TCOM Vertical Scale: 5" per 100' Graphics File Created: 27-Jun-2014 10:08

OP System Version: 19C2-270

TBT SRPC-5298-ThruBit

Input DLIS Files

DEFAULT	ThruBit_031PUP	FN:17	PRODUCER	27-Jun-2014 10:03	4953.0 FT	4484.2 FT
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Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
ThruBit String Master Calibration – TBI Master Calibration Sonde Errors							
Master: 5-Jun-2014 10:42							
Freq 1, A1, R	-457.000	-478.393	--	--	--	--	
Freq 1, A1, X	300.000	185.483	--	--	--	--	
Freq 1, A2, R	-141.000	-138.231	--	--	--	--	
Freq 1, A2, X	320.000	0.851960	--	--	--	--	
Freq 1, A3, R	-28.0000	-29.4220	--	--	--	--	
Freq 1, A3, X	50.0000	-136.056	--	--	--	--	
Freq 1, A4, R	-16.0000	-16.6383	--	--	--	--	
Freq 1, A4, X	300.000	235.441	--	--	--	--	
Freq 1, A5, R	-14.0000	-14.4074	--	--	--	--	
Freq 1, A5, X	150.000	147.285	--	--	--	--	
Freq 2, A1, R	-237.000	-252.457	--	--	--	--	
Freq 2, A1, X	150.000	94.7850	--	--	--	--	
Freq 2, A2, R	-92.0000	-87.9835	--	--	--	--	
Freq 2, A2, X	160.000	-31.3473	--	--	--	--	
Freq 2, A3, R	-21.0000	-21.1947	--	--	--	--	
Freq 2, A3, X	-20.0000	-141.552	--	--	--	--	
Freq 2, A4, R	-20.0000	-19.8937	--	--	--	--	
Freq 2, A4, X	100.000	64.3133	--	--	--	--	
Freq 2, A5, R	-20.0000	-19.5506	--	--	--	--	
Freq 2, A5, X	-25.0000	-2.33406	--	--	--	--	
Freq 3, A1, R	-149.000	-163.294	--	--	--	--	
Freq 3, A1, X	25.0000	-0.0491341	--	--	--	--	
Freq 3, A2, R	-70.0000	-66.7262	--	--	--	--	
Freq 3, A2, X	70.0000	-67.6796	--	--	--	--	
Freq 3, A3, R	-17.0000	-17.4929	--	--	--	--	
Freq 3, A3, X	-90.0000	-163.048	--	--	--	--	
Freq 3, A4, R	-22.0000	-21.6818	--	--	--	--	

Freq 3, A4, X	-50.0000	-50.7073	--	--	--	--
Freq 3, A5, R	-22.0000	-22.3770	--	--	--	--
Freq 3, A5, X	-110.000	-110.983	--	--	--	--
Freq 4, A1, R	-80.0000	-91.1573	--	--	--	--
Freq 4, A1, X	-190.000	-155.338	--	--	--	--
Freq 4, A2, R	-50.0000	-47.9380	--	--	--	--
Freq 4, A2, X	-75.0000	-133.349	--	--	--	--
Freq 4, A3, R	-14.0000	-13.9621	--	--	--	--
Freq 4, A3, X	-190.000	-216.487	--	--	--	--
Freq 4, A4, R	-25.0000	-24.4168	--	--	--	--
Freq 4, A4, X	-235.000	-223.578	--	--	--	--
Freq 4, A5, R	-28.0000	-27.5374	--	--	--	--
Freq 4, A5, X	-300.000	-292.622	--	--	--	--

ThruBit String Master Calibration – TBI Master Calibration COMPLEX GAINS

Master: 5-Jun-2014 10:42

Freq 1, R - 0	1.000	0.9948	--	--	--	--
Freq 1, R - 1	1.000	0.9926	--	--	--	--
Freq 1, R - 2	1.000	1.002	--	--	--	--
Freq 1, R - 3	1.000	0.9899	--	--	--	--
Freq 1, R - 4	1.000	0.9956	--	--	--	--
Freq 1, X - 0	0	-0.001612	--	--	--	--
Freq 1, X - 1	0	-0.00003350	--	--	--	--
Freq 1, X - 2	0	-0.007920	--	--	--	--
Freq 1, X - 3	0	0.002349	--	--	--	--
Freq 1, X - 4	0	-0.001283	--	--	--	--
Freq 2, R - 0	1.000	0.9887	--	--	--	--
Freq 2, R - 1	1.000	0.9865	--	--	--	--
Freq 2, R - 2	1.000	0.9901	--	--	--	--
Freq 2, R - 3	1.000	0.9847	--	--	--	--
Freq 2, R - 4	1.000	0.9909	--	--	--	--
Freq 2, X - 0	0	-0.008414	--	--	--	--
Freq 2, X - 1	0	-0.007043	--	--	--	--
Freq 2, X - 2	0	-0.007378	--	--	--	--
Freq 2, X - 3	0	-0.004972	--	--	--	--
Freq 2, X - 4	0	-0.008608	--	--	--	--
Freq 3, R - 0	1.000	0.9947	--	--	--	--
Freq 3, R - 1	1.000	0.9927	--	--	--	--
Freq 3, R - 2	1.000	0.9960	--	--	--	--
Freq 3, R - 3	1.000	0.9887	--	--	--	--
Freq 3, R - 4	1.000	0.9976	--	--	--	--
Freq 3, X - 0	0	-0.009463	--	--	--	--
Freq 3, X - 1	0	-0.008373	--	--	--	--
Freq 3, X - 2	0	-0.008750	--	--	--	--
Freq 3, X - 3	0	-0.005928	--	--	--	--
Freq 3, X - 4	0	-0.01032	--	--	--	--
Freq 4, R - 0	1.000	0.9894	--	--	--	--
Freq 4, R - 1	1.000	0.9871	--	--	--	--
Freq 4, R - 2	1.000	0.9923	--	--	--	--
Freq 4, R - 3	1.000	0.9828	--	--	--	--
Freq 4, R - 4	1.000	0.9982	--	--	--	--
Freq 4, X - 0	0	-0.005285	--	--	--	--
Freq 4, X - 1	0	-0.004597	--	--	--	--
Freq 4, X - 2	0	-0.006712	--	--	--	--
Freq 4, X - 3	0	-0.001977	--	--	--	--
Freq 4, X - 4	0	-0.008673	--	--	--	--

ThruBit String Master Calibration – TBD Caliper Master Calibration

Master: 4-Jun-2014 12:00

Caliper 12in Ring	1949.8	1871.1	--	--	--	--	IN
Caliper 9in Ring	2096.7	2032.2	--	--	--	--	IN
Caliper 6in Ring	2285.7	2201.7	--	--	--	--	IN

ThruBit String Master Calibration – TBD Density Master Calibration. PEEK Window, Thrubit blocks

Master: 4-Jun-2014 11:41

Aluminium Density	2.607	2.607	--	--	--	--	G/C3
Magnesium Density	1.752	1.752	--	--	--	--	G/C3
LS1 Background	140.00	135.30	--	--	--	--	CPS
SS1 Background	140.00	135.74	--	--	--	--	CPS
LS4 Background	29.00	28.59	--	--	--	--	CPS
SS1 Aluminium	4850.00	4795.99	--	--	--	--	CPS
LS1 Aluminium	870.00	923.26	--	--	--	--	CPS
SS1 Magnesium	8000.00	8078.77	--	--	--	--	CPS
LS4 Aluminium	955.00	930.56	--	--	--	--	CPS
SS Slope	1.645	1.586	--	--	--	--	
LS1 Al + Sleeve	725.00	762.33	--	--	--	--	CPS
LS Slope	0.4150	0.4137	--	--	--	--	
LS4 Al + Sleeve	426.50	408.63	--	--	--	--	CPS
Pef K Factor	4.840	4.393	--	--	--	--	
LS1 Magnesium	5800.00	6264.96	--	--	--	--	CPS
Pef B Factor	-0.5550	-0.4984	--	--	--	--	

ThruBit String Master Calibration – TBD Density Master Calibration

Master: Calibration not done								
SS1 Background	140.00	135.74	--	--	--	--	--	CPS
SS2 Background	0	36.7908	--	--	--	--	--	CPS
SS3 Background	0	21.8065	--	--	--	--	--	CPS
SS4 Background	0	28.8245	--	--	--	--	--	CPS
LS1 Background	140.00	135.30	--	--	--	--	--	CPS
LS2 Background	0	34.9628	--	--	--	--	--	CPS
LS3 Background	0	21.2027	--	--	--	--	--	CPS
LS4 Background	29.00	28.59	--	--	--	--	--	CPS
SS1 Aluminium	4850.00	4795.99	--	--	--	--	--	CPS
SS2 Aluminium	0	2501.56	--	--	--	--	--	CPS
SS3 Aluminium	0	2122.90	--	--	--	--	--	CPS
SS4 Aluminium	0	2113.0215	--	--	--	--	--	CPS
LS1 Aluminium	870.00	923.26	--	--	--	--	--	CPS
LS2 Aluminium	0	891.212	--	--	--	--	--	CPS
LS3 Aluminium	0	931.045	--	--	--	--	--	CPS
LS4 Aluminium	955.00	930.56	--	--	--	--	--	CPS
SS1 Al + Sleeve	0	N/A	--	--	--	--	--	CPS
SS2 Al + Sleeve	0	N/A	--	--	--	--	--	CPS
SS3 Al + Sleeve	0	N/A	--	--	--	--	--	CPS
SS4 Al + Sleeve	0	N/A	--	--	--	--	--	CPS
LS1 Al + Sleeve	725.00	762.33	--	--	--	--	--	CPS
LS2 Al + Sleeve	0	668.075	--	--	--	--	--	CPS
LS3 Al + Sleeve	0	567.064	--	--	--	--	--	CPS
LS4 Al + Sleeve	426.50	408.63	--	--	--	--	--	CPS
SS1 Magnesium	8000.00	8078.77	--	--	--	--	--	CPS
SS2 Magnesium	0	4259.10	--	--	--	--	--	CPS
SS3 Magnesium	0	3508.71	--	--	--	--	--	CPS
SS4 Magnesium	0	3573.27	--	--	--	--	--	CPS
LS1 Magnesium	5800.00	6264.96	--	--	--	--	--	CPS
LS2 Magnesium	0	6259.42	--	--	--	--	--	CPS
LS3 Magnesium	0	6509.96	--	--	--	--	--	CPS
LS4 Magnesium	0	6573.73	--	--	--	--	--	CPS

ThruBit String Master Calibration – Thermal Neutron Master Calibration

Master: 6–Jun–2014 11:11								
TNF, Background	1.0	0.74	--	--	--	--	--	CPS
TNN, Background	1.0	0.34	--	--	--	--	--	CPS
TNF, Tank	96.00	126.4	--	--	--	--	--	CPS
TNN, Tank	2860.0	3740.2	--	--	--	--	--	CPS
TNF, Tank + Al Sleeve	3040.0	3903.9	--	--	--	--	--	CPS
TNN, Tank + Al Sleeve	32350.0	41374.1	--	--	--	--	--	CPS
Tank + Al Sleeve Ratio	10.797	11.085	--	--	--	--	--	
Tank + Al Sleeve Porosity	14.40	14.46	--	--	--	--	--	PU
Tank, Ratio	30.958	29.597	--	--	--	--	--	
Tank, Temperature	70.0	73.0	--	--	--	--	--	DEGF

ThruBit String Master Calibration – TMG Accelerometer Calibration

Master: Calibration not done								
Minimum Ax, m/s2	–9.810	N/A	--	--	--	--	--	
Maximum Ax, m/s2	9.810	N/A	--	--	--	--	--	
Minimum Ay, m/s2	–9.810	N/A	--	--	--	--	--	
Maximum Ay, m/s2	9.810	N/A	--	--	--	--	--	
Minimum Az, m/s2	0	N/A	--	--	--	--	--	
Maximum Az, m/s2	9.810	N/A	--	--	--	--	--	
RB Offset, degrees	0	N/A	--	--	--	--	--	

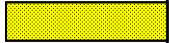
ThruBit String Master Calibration – TMG Gamma-Ray Calibration

Master: Calibration not done								
GR Background	30.00	N/A	--	--	--	--	--	GAPI
GR Jig–Background	152.0	N/A	--	--	--	--	--	GAPI

ThruBit String / Equipment Identification

Primary Equipment:		
Induction Resistivity	TBI – A	38
Density	TBD – A	23
Gamma–Ray Logging Source	GGLS – FZ	
Thermal Neutron	TBN – A	21
Neutron Logging Source	NNLS – EWA	
Telemetry Memory GR	TMG – A	4

Auxiliary Equipment:

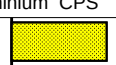
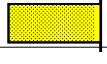
TBI Master Calibration						
Freq 1, A1, R			Value	Nominal	Freq 1, A1, X	
			-478.393	-457.000		
-536.000 (Minimum)	(Nominal)		-387.000 (Maximum)		-500.000 (Minimum)	1100.00 (Maximum)
Freq 1, A2, R			Value	Nominal	Freq 1, A2, X	
			-138.231	-141.000		
-162.000 (Minimum)	(Nominal)		-120.000 (Maximum)		-75.0000 (Minimum)	700.000 (Maximum)
Freq 1, A3, R			Value	Nominal	Freq 1, A3, X	
			-29.4220	-28.0000		
-38.0000 (Minimum)	(Nominal)		-18.0000 (Maximum)		-375.000 (Minimum)	475.000 (Maximum)
Freq 1, A4, R			Value	Nominal	Freq 1, A4, X	
			-16.6383	-16.0000		
-24.0000 (Minimum)	(Nominal)		-8.00000 (Maximum)		25.0000 (Minimum)	575.000 (Maximum)
Freq 1, A5, R			Value	Nominal	Freq 1, A5, X	
			-14.4074	-14.0000		
-21.0000 (Minimum)	(Nominal)		-7.00000 (Maximum)		25.0000 (Minimum)	275.000 (Maximum)
Freq 2, A1, R			Value	Nominal	Freq 2, A1, X	
			-252.457	-237.000		
-293.000 (Minimum)	(Nominal)		-186.000 (Maximum)		-375.000 (Minimum)	675.000 (Maximum)
Freq 2, A2, R			Value	Nominal	Freq 2, A2, X	
			-87.9835	-92.0000		
-106.000 (Minimum)	(Nominal)		-76.0000 (Maximum)		-100.000 (Minimum)	425.000 (Maximum)
Freq 2, A3, R			Value	Nominal	Freq 2, A3, X	
			-21.1947	-21.0000		
-28.0000 (Minimum)	(Nominal)		-13.0000 (Maximum)		-325.000 (Minimum)	250.000 (Maximum)
Freq 2, A4, R			Value	Nominal	Freq 2, A4, X	
			-19.8937	-20.0000		
-28.0000 (Minimum)	(Nominal)		-10.0000 (Maximum)		-75.0000 (Minimum)	275.000 (Maximum)
Freq 2, A5, R			Value	Nominal	Freq 2, A5, X	
			-19.5506	-20.0000		
-27.0000 (Minimum)	(Nominal)		-10.0000 (Maximum)		-125.000 (Minimum)	75.0000 (Maximum)
Freq 3, A1, R			Value	Nominal	Freq 3, A1, X	
			-163.294	-149.000		
-193.000 (Minimum)	(Nominal)		-108.000 (Maximum)		-375.000 (Minimum)	425.000 (Maximum)
Freq 3, A2, R			Value	Nominal	Freq 3, A2, X	
			-66.7262	-70.0000		
-81.0000 (Minimum)	(Nominal)		-57.0000 (Maximum)		-125.000 (Minimum)	250.000 (Maximum)
Freq 3, A3, R			Value	Nominal	Freq 3, A3, X	
			-17.4929	-17.0000		
-23.0000 (Minimum)	(Nominal)		-11.0000 (Maximum)		-300.000 (Minimum)	125.000 (Maximum)
Freq 3, A4, R			Value	Nominal	Freq 3, A4, X	
			-21.6818	-22.0000		
-31.0000 (Minimum)	(Nominal)		-11.0000 (Maximum)		-200.000 (Minimum)	100.000 (Maximum)
Freq 3, A5, R			Value	Nominal	Freq 3, A5, X	
			-22.3770	-22.0000		
-32.0000 (Minimum)	(Nominal)		-11.0000 (Maximum)		-250.000 (Minimum)	-25.0000 (Maximum)
Freq 4, A1, R			Value	Nominal	Freq 4, A1, X	
			-91.1573	-80.0000		
-108.000 (Minimum)	(Nominal)		-54.0000 (Maximum)		-450.000 (Minimum)	75.0000 (Maximum)

-60.0000 (Minimum)	(Nominal)	(Maximum)		-60.0000 (Minimum)	(Nominal)	(Maximum)	
Freq 4, A2, R			Value	Nominal	Freq 4, A2, X		
			-47.9380	-50.0000			
Freq 4, A3, R			Value	Nominal	Freq 4, A3, X		
			-13.9621	-14.0000			
Freq 4, A4, R			Value	Nominal	Freq 4, A4, X		
			-24.4168	-25.0000			
Freq 4, A5, R			Value	Nominal	Freq 4, A5, X		
			-27.5374	-28.0000			
Master: 5-Jun-2014 10:42							

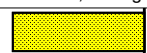
ThruBit String Master Calibration						
TBI Master Calibration COMPLEX GAINS						
Freq 1, R		Value	Nominal	Freq 1, X		
		0.9948	1.000			
		0.9926	1.000			
		1.002	1.000			
		0.9899	1.000			
		0.9956	1.000			
0.9500 (Minimum)	(Nominal)	1.050 (Maximum)		-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)
Freq 2, R		Value	Nominal	Freq 2, X		
		0.9887	1.000			
		0.9865	1.000			
		0.9901	1.000			
		0.9847	1.000			
		0.9909	1.000			
0.9500 (Minimum)	(Nominal)	1.050 (Maximum)		-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)
Freq 3, R		Value	Nominal	Freq 3, X		
		0.9947	1.000			
		0.9927	1.000			
		0.9960	1.000			
		0.9887	1.000			
		0.9976	1.000			
0.9500 (Minimum)	(Nominal)	1.050 (Maximum)		-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)
Freq 4, R		Value	Nominal	Freq 4, X		
		0.9894	1.000			
		0.9871	1.000			
		0.9923	1.000			
		0.9828	1.000			
		0.9982	1.000			
0.9300 (Minimum)	(Nominal)	1.070 (Maximum)		-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)
Master: 5-Jun-2014 10:42						

Caliper 12in Ring IN	Value	Nominal	Caliper 9in Ring IN	Value	Nominal	Caliper 6in Ring IN	Value	Nominal
	1871.1	1949.8		2032.2	2096.7		2201.7	2285.7
1799.8 (Minimum)	2099.8 (Maximum)		1946.7 (Minimum)	2246.7 (Maximum)		2135.7 (Minimum)	2435.7 (Maximum)	

Master: 4-Jun-2014 12:00

ThruBit String Master Calibration						
TBD Density Master Calibration. PEEK Window, ThruBit blocks						
Aluminium Density G/C3	Value	Nominal	Magnesium Density G/C3	Value	Nominal	
	2.607	2.607		1.752	1.752	
2.557 (Minimum)	2.657 (Maximum)		1.702 (Minimum)	1.802 (Maximum)		
LS1 Background CPS	Value	Nominal	SS1 Background CPS	Value	Nominal	
	135.30	140.00		135.74	140.00	
100.00 (Minimum)	187.00 (Maximum)		100.00 (Minimum)	185.00 (Maximum)		
LS4 Background CPS	Value	Nominal	SS1 Aluminium CPS	Value	Nominal	
	28.59	29.00		4795.99	4850.00	
20.00 (Minimum)	38.00 (Maximum)		4076.00 (Minimum)	5613.00 (Maximum)		
LS1 Aluminium CPS	Value	Nominal	SS1 Magnesium CPS	Value	Nominal	
	923.26	870.00		8078.77	8000.00	
750.00 (Minimum)	982.00 (Maximum)		6695.00 (Minimum)	9269.00 (Maximum)		
LS4 Aluminium CPS	Value	Nominal				
	930.56	955.00				
796.00 (Minimum)	1169.0 (Maximum)					
LS1 Al + Sleeve CPS	Value	Nominal				
	762.33	725.00				
650.00 (Minimum)	838.00 (Maximum)					
LS4 Al + Sleeve CPS	Value	Nominal				
	408.63	426.50				
382.00 (Minimum)	638.00 (Maximum)					
LS1 Magnesium CPS	Value	Nominal				
	6264.96	5800.00				
5158.00 (Minimum)	6486.00 (Maximum)					
SS Slope	Value	Nominal				
	1.586	1.645				
1.520 (Minimum)	1.770 (Maximum)					
LS Slope	Value	Nominal				
	0.4137	0.4150				
0.3800 (Minimum)	0.4500 (Maximum)					
Pef K Factor	Value	Nominal				
	4.393	4.840				
3.510 (Minimum)	6.170 (Maximum)					
Pef B Factor	Value	Nominal				
	-0.4984	-0.5550				
-0.7000 (Minimum)	-0.4100 (Maximum)					

Master: 4-Jun-2014 11:41

ThruBit String Master Calibration						
Thermal Neutron Master Calibration						
TNF, Background CPS	Value	Nominal	TNN, Background CPS	Value	Nominal	
	0.74	1.0		0.34	1.0	
0 (Minimum)	2.0 (Maximum)		0 (Minimum)	2.0 (Maximum)		
TNF Tank CPS	Value	Nominal	TNN Tank CPS	Value	Nominal	

TNF, Tank CPS	Value	Nominal	TNF, Tank CPS	Value	Nominal
25.00 (Minimum)	200.0 (Maximum)	126.4 96.00	750.00 (Minimum)	5700.0 (Maximum)	3740.2 2860.0
TNF, Tank + Al Sleeve CPS		Value	TNN, Tank + Al Sleeve CPS		Value
		Nominal			Nominal
		3903.9 3040.0			41374.1 32350.0
727.00 (Minimum)	6080.0 (Maximum)		8000.00 (Minimum)	64700.0 (Maximum)	
Tank + Al Sleeve Ratio		Value	Tank + Al Sleeve Porosity PU		Value
		Nominal			Nominal
		11.085 10.797			14.46 14.40
10.300 (Minimum)	11.300 (Maximum)		13.40 (Minimum)	15.40 (Maximum)	
Tank, Ratio		Value	Tank, Temperature DEGF		Value
		Nominal			Nominal
		29.597 30.958			73.0 70.0
28.000 (Minimum)	34.000 (Maximum)		20.0 (Minimum)	120 (Maximum)	
Master: 6-Jun-2014 11:11					

ThruBit String Master Calibration							
TMG Accelerometer Calibration							
Minimum Ax, m/s2		Value	Nominal	Maximum Ax, m/s2		Value	Nominal
NOT DONE		N/A	−9.810	NOT DONE		N/A	9.810
−10.81 (Minimum)	(Nominal)	−8.810 (Maximum)		8.810 (Minimum)	(Nominal)	10.81 (Maximum)	
Minimum Ay, m/s2		Value	Nominal	Maximum Ay, m/s2		Value	Nominal
NOT DONE		N/A	−9.810	NOT DONE		N/A	9.810
−10.81 (Minimum)	(Nominal)	−8.810 (Maximum)		8.810 (Minimum)	(Nominal)	10.81 (Maximum)	
Minimum Az, m/s2		Value	Nominal	Maximum Az, m/s2		Value	Nominal
NOT DONE		N/A	0	NOT DONE		N/A	9.810
−1.000 (Minimum)	(Nominal)	1.000 (Maximum)		8.810 (Minimum)	(Nominal)	10.81 (Maximum)	
RB Offset, degrees		Value	Nominal				
NOT DONE		N/A	0				
−360.0 (Minimum)	(Nominal)	360.0 (Maximum)					
Master: Calibration not done							

ThruBit String Master Calibration					
TMG Gamma-Ray Calibration					
GR Background GAPI	Value	Nominal	GR Jig-Background GAPI	Value	Nominal
NOT DONE	N/A	30.00	NOT DONE	N/A	152.0
0 (Minimum)	120.0 (Maximum)		121.6 (Minimum)	182.4 (Maximum)	
Master: Calibration not done					

Company: **MERIT ENERGY COMPANY**

Schlumberger

Well: **GARDEN CITY V-6**
Field: **SEQUOYAH SOUTH**
County: **FINNEY**
State: **KANSAS**

ARRAY INDUCTION
DENSITY / NEUTRON

DENSITY/NEUTRON
GAMMA RAY MEMORY LOG