

Company: **Santos Ltd**

17.5 in. Section

Well: Jarver-1

Field: **Sorell Basin**

Rig: **Ocean Patriot** State: **Tasmania**

VISION Resistivity			
1:200 True Vertical Depth			
Recorded Mode Log			
Total depth:		3062.0 m	K.B. Top Drive
Spud date:		16-May-08	G.L. -576.85 m
Runs:		3 To 3	D.F. 20.85 m
Permanent datum:		Australian Height Datum	Elev.: 0.0 m
Log measured from:		Rotary Table	20.85 m above Perm. datum
Depth reference:		Driller's Depth	
Service Order No.	X = E 770,615.1 m	Longitude	Latitude
08ASQ0002	Y = N 5,418,350.4 m	E 144° 14' 03.19"	S 41° 20' 27.25"

Depth logged: 1399.0 m To 1936.2 m		Mag decl: 12.45 deg.		Other services:		
Date logged: 28-May-08To 29-May-08		Mag dip: -71.86 deg.		See Remarks		
Bore hole record				Casing record		
Hole size	from	to	Size	Density	from	to
36.0 in.	597.0 m	645.0 m	30.0 in.	310.0 lb/ft	597.0 m	642.0 m
26.0 in.	645.0 m	1407.0 m	20.0 in.	133.0 lb/ft	597.0 m	1399.0 m
17.5 in.	1407.0 m	1947.0 m				
Type	Mud record		Borehole deviation record			
KCL/PHA/Glycol	from	to	Min	Max	from	to
	1385.0 m	3062.0 m	0.11 deg.	1.42 deg.	645.0 m	1407.0 m
			0.10 deg.	0.41 deg.	1407.0 m	1947.0 m
Surface equipment			Software record			
Unit	A3518-1/06	IDEAL WIS	ID13_OC_08			
Depth system	Geograph + GTE + CLT	SPM	HSPM13_OC_03			
		LWD	ARC_9.3B00			
		MWD	PUP_9.2C02			

Bit Run Summary

Run number		3								
Bit size	in.	17.5								
Bit start depth	m	1407.0								
Bit end depth	m	1947.0								
Top interval logged	m	1399.0								
Bottom interval logged	m	1936.2								
Begin log: time		05:15								
Begin log: date		28-May-08								
End log: time		12:00								
End log: date		29-May-08								
Mud data										
Depth	m	1947.0								
Type		KCL/PHPA/Glycol								
Mud weight	ppg	9.4								
Solids	%	4.4								
Chlorides	mg/L	57,000								
Rm	Ohm.m@°C	0.09@22.4								
Rmf	Ohm.m@°C	0.0815@22.5								
Rmc	Ohm.m@°C	0.13@22.8								

Potassium	%	4.198									
Environmental data											
GR											
Mud weight	ppg	9.4									
Bit size	in.	17.5									
Resistivity											
Neutron porosity											
Hole Size		n/a									
Mud weight		n/a									
Temperature		n/a									
Mud salinity		n/a									
Formation salinity		n/a									
Recording rate 1	SEC	6 (ARC)									
Recording rate 2	SEC	n/a									
Filtering GR		3 pts									
Filtering density		n/a									
Filtering Neutron		n/a									
Company representative		C. Roots	N. Peri								
Anadrill personnel		M. Lu	J. Oldridge	J. Lovell	D. Priestley						

<p style="text-align: center;">DISCLAIMER</p> <p>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.</p>		
OTHER SERVICES FOR RUN3 Directional Surveys Shock and Vibrations		
REMARKS: RUN NUMBER 3 Depth is referenced to Driller's Depth. Gamma Ray is corrected for mud weight, tool size, bit size and potassium content in the mud. Resistivity is borehole compensated and environmentally corrected. POOH due to TD of 17.5 in. section.		

EQUIPMENT DESCRIPTION		
RUN3		
DOWNHOLE EQUIPMENT		

DOWNHOLE EQUIPMENT

8-1/4" TeleScope*
DHS: 9.2C02
MDC: FB46
MEC: 850
MDI: 2505

D&I 18.22

8-1/4" arcVISION*
DHS: 9.3B00
S/N: 2724

R-O Port 11.79
T5 11.48
T3 11.18
T1 10.82
Gamma Ray 10.77
Receiver 10.52
T2 10.21
T4 10.06

17-1/4" Stabilizer
S/N: 207A36

8-1/4" Pony Drill Collar
S/N: S80757

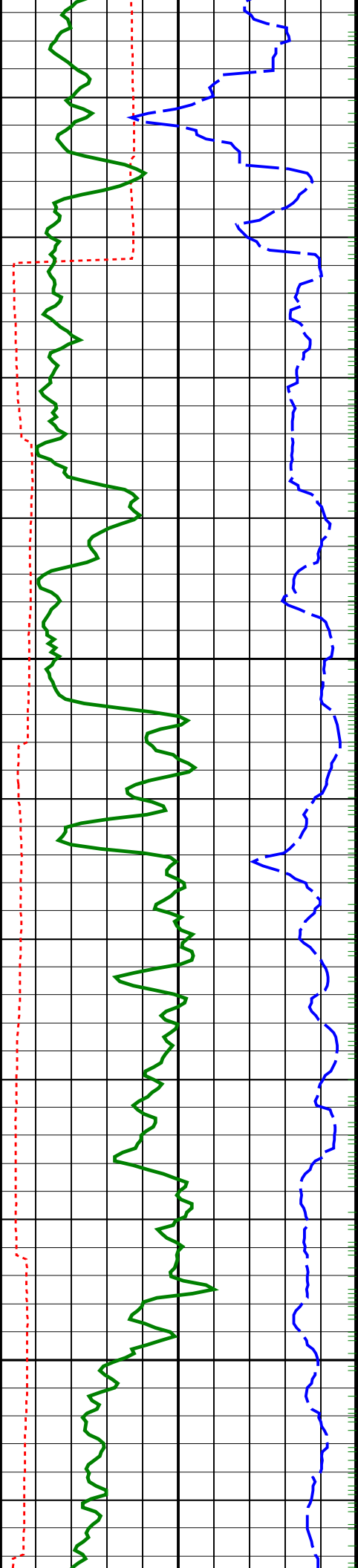
17-1/4" Near-Bit Stabilizer
S/N: XM743

17-1/2" Hughes-Chris Mill Tooth Bit
S/N: 6064631

0.00 0.41

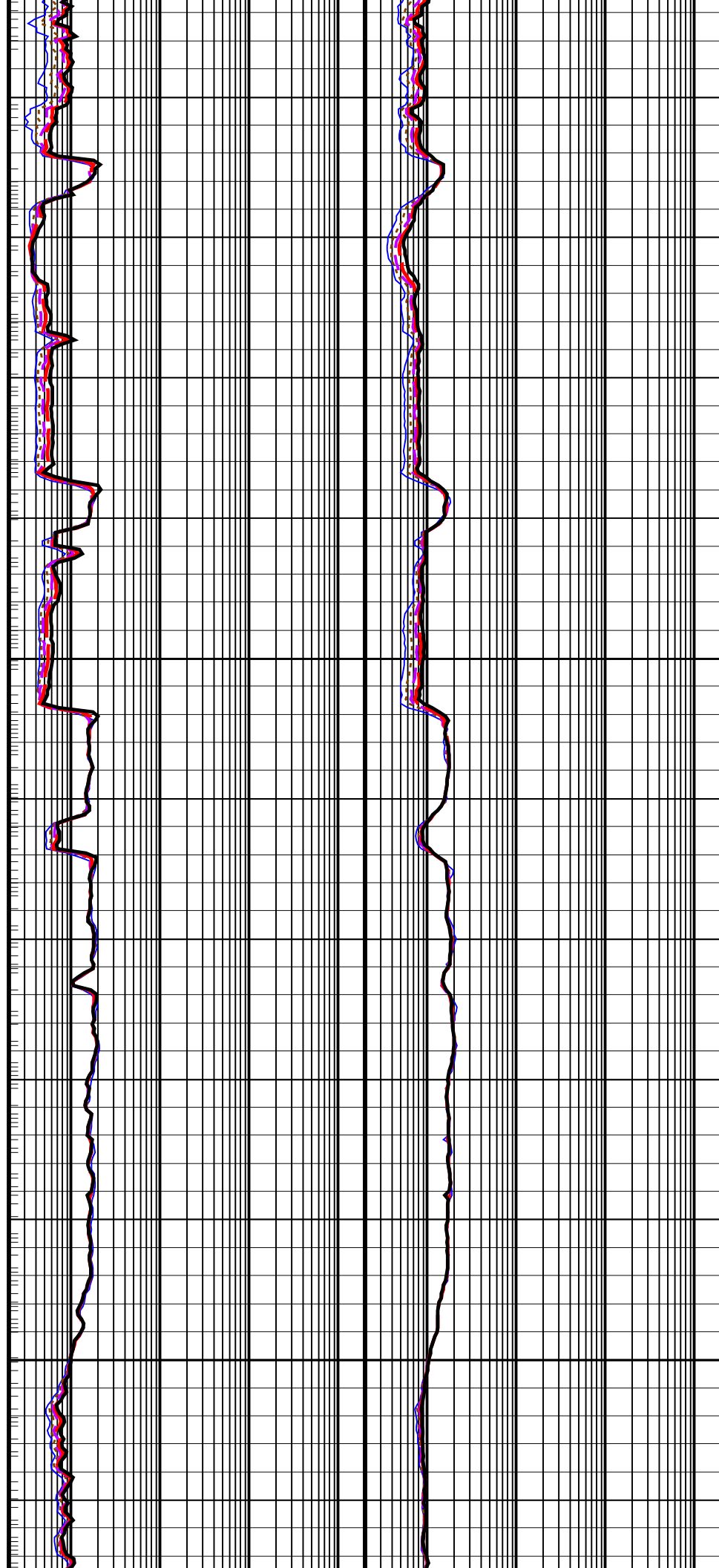
Maximum string diameter 17-1/2".
All lengths in Meters

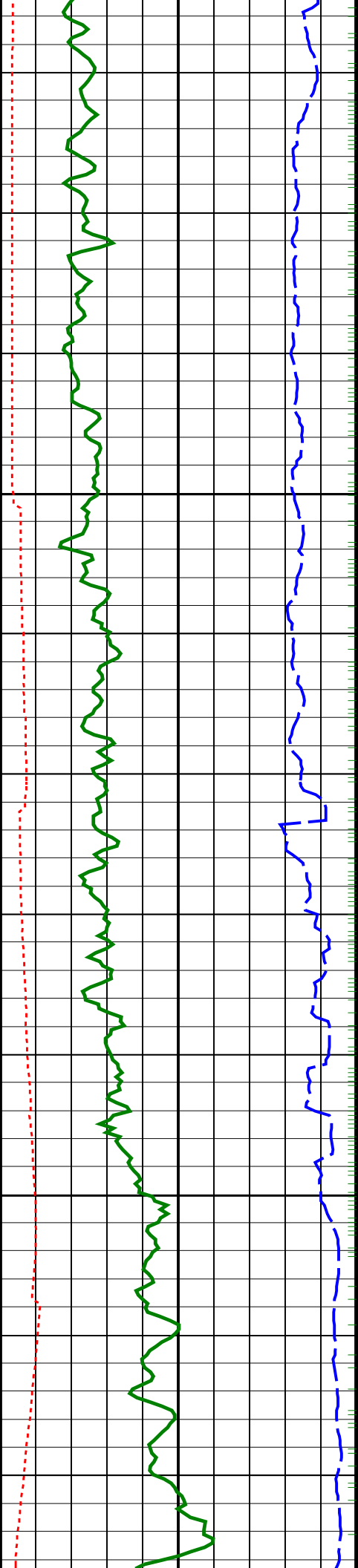
Variable Name	Variable Description	Run Name & Value	
	Run Number		3
	General Information		
BHT_RM	Bottom Hole Temperature (RM)	DEGC	30.000
BSAL_RM	Mud Salinity (RM)	PPK	0.000
BS_RM	Bit Size (RM)	IN	17.500
COEF_M	User Defined FEXP in Clean Sand	----	1.650
C_WS	Overpressure correction to Sw and M	----	1.000
FEXP	Formation Factor Exponent (RM)	----	2.000
FNUM	Formation Factor Enumerator (RM)	----	1.000
FPHI_RM	Formation Factor Porosity Source (RM)	----	XPLOT
MST_RM	Mud Sample temperature (RM)	DEGC	22.400
MW_RM	Mud Weight (RM)	LB/G	9.400
OBMF_RM	Oil Based Mud (RM)	----	NO
RHOF_RM	Mud Filtrate Density (RM)	G/C3	1.000
RHOM_RM	Matrix density (RM)	G/C3	2.710
RMS_RM	Resistivity of Mud Sample (RM)	OHMM	0.087
RWA_COMP_M	Rwa computation model		
RWA_DEN_AD	Rwa Density Input ADN		
RWA_DEN_CD	Rwa Density Input CDN		
RWA_DEN_IN	Rwa Density Input		
RWA_FORM_M	Rwa computation formation model		
RWA_RES_IN	Rwa computation resistivity input		
RWS_RM	Resistivity of Connate Water (RM)	OHMM	1.000
SHT_RM	Ground Level Temperature (Mud-Line When Offshore) (RM)	DEGC	10.000
TD_RM	Total Measured Depth (RM)	M	1947.000
TWS_RM	Temperature of Connate Water (RM)	DEGC	23.889
VF_ILLI	Fraction of illite in shales	----	0.500
VF_KAOL	Fraction of kaolinite in shales	----	0.500
VF_MONT	Fraction of montmorillonite in shales	----	0.000
XPDM_RM	Cross plot density porosity multiplier	----	0.675
XPNM_RM	Cross plot neutron porosity multiplier	----	0.325
	ARC		
A12A	ARC Air Cal Attenuation From T1 at 2 MHz	DB	8.251
A14A	ARC Air Cal Attenuation From T1 at 400 KHz	DB	8.204
A22A	ARC Air Cal Attenuation From T2 at 2 MHz	DB	6.386
A24A	ARC Air Cal Attenuation From T2 at 400 KHz	DB	6.445
A32A	ARC Air Cal Attenuation From T3 at 2 MHz	DB	4.975
A34A	ARC Air Cal Attenuation From T3 at 400 KHz	DB	4.920
A42A	ARC Air Cal Attenuation From T4 at 2 MHz	DB	4.351
A44A	ARC Air Cal Attenuation From T4 at 400 KHz	DB	4.399
A52A	ARC Air Cal Attenuation From T5 at 2 MHz	DB	3.563
A54A	ARC Air Cal Attenuation From T5 at 400 KHz	DB	3.517
ABNT	Abnormal Transmitter Indicator	----	No_Tx_Failed
ADHS	ARC Down Hole Software Version	----	No_Tx_Failed
AM2A	ARC Air Cal Amplitude Offset at 2 MHz	----	-50000.000
ANISO_COMPUTE	Anisotropy Computation Option	----	YES
APICG	ARC5 Gamma Ray Gain Factor	----	1.086
APIG	ARC Gamma Ray API Gain Factor	----	-1.000
ARC_DATA_FIX	ARC: Create A Corrected ARC Time Data File	----	NO
ARC_DATA_LTB	ARC: Create An ARC LTB Data File	----	NO
ATMP_ARC	ARC Select Temperature Channel	----	Tool_Temp
ATRN	ARC Tool Run Number	----	3
ATSN	ARC Tool Serial Number	----	2724
AZMF	Formation DIP Azimuth	DEG	0.000
BH_COMPUTE	Borehole Inversion Computation Option	----	YES
CALG	ARC Gamma Ray Cal Gain Factor	----	1.086
CALI_SLCT_ARC	ARC Caliper Selection	----	BITSIZE
CDPTH_ARC	Process Start Depth	M	30.480
DIELEC_COMPUTE	Dielectric Computation Option	----	YES
DIPF	Formation DIP Angle	DEG	0.000
ERRCT	Percentage Error Cutoff	----	4.500
GRSH	GR Shale (Invasion Computation Cutoff)	GAPI	1000.000
HIGH_BLEND	High Resistivity Threshold for Blending	OHMM	2.000
INCLIN_B0	ARC Bias Constant (mg)	----	0.000
INCLIN_B1	ARC Bias First-order Coefficient (mg/degC)	----	0.000
INCLIN_B2	ARC Bias Secod-order Coeeficient (mg/degC)	----	0.000
INCLIN_B3	ARC Bias Third-order Coeeficient (mg/degC)	----	0.000
INCLIN_C0	ARC Current Scale Factor Constant (mA/g)	----	1.000
INCLIN_C1	ARC Scale First-order Coeeficient (mA/g/degC)	----	0.000
INCLIN_C2	ARC Scale Second-order Coeeficient (mA/g/degC)	----	0.000
INCLIN_C3	ARC Scale Third-order Coeeficient (mA/g/degC)	----	0.000
INVAS_COMPUTE	Invasion Computation Option	----	YES
JSD_ARC	ARC Acquisition start date	----	28-May-08
KPER	Potassium Concentration (RM)	----	4.198
LOW_BLEND	Low Resistivity Threshold for Blending	OHMM	1.000
MSWS	ARC Wizard Model Switch Window	M	1.524
MULTIEFFECT_COM	Multi Effect Option	----	YES
P11AC_RM	ARC: Air Calibration For Phase T1 to R1	DEG	-999.250
P12A	ARC Air Cal Phase-Shift From T1 at 2 MHz	DEG	-1.208
P14A	ARC Air Cal Phase-Shift From T1 at 400 KHz	DEG	1.677
P22A	ARC Air Cal Phase-Shift From T2 at 2 MHz	DEG	1.258
P24A	ARC Air Cal Phase-Shift From T2 at 400 KHz	DEG	-1.716
P32A	ARC Air Cal Phase-Shift From T3 at 2 MHz	DEG	-1.291
P34A	ARC Air Cal Phase-Shift From T3 at 400 KHz	DEG	1.691
P42A	ARC Air Cal Phase-Shift From T4 at 2 MHz	DEG	1.240
P44A	ARC Air Cal Phase-Shift From T4 at 400 KHz	DEG	-1.702
P52A	ARC Air Cal Phase-Shift From T5 at 2 MHz	DEG	-1.297
P54A	ARC Air Cal Phase-Shift From T5 at 400 KHz	DEG	1.629



1425
TVD

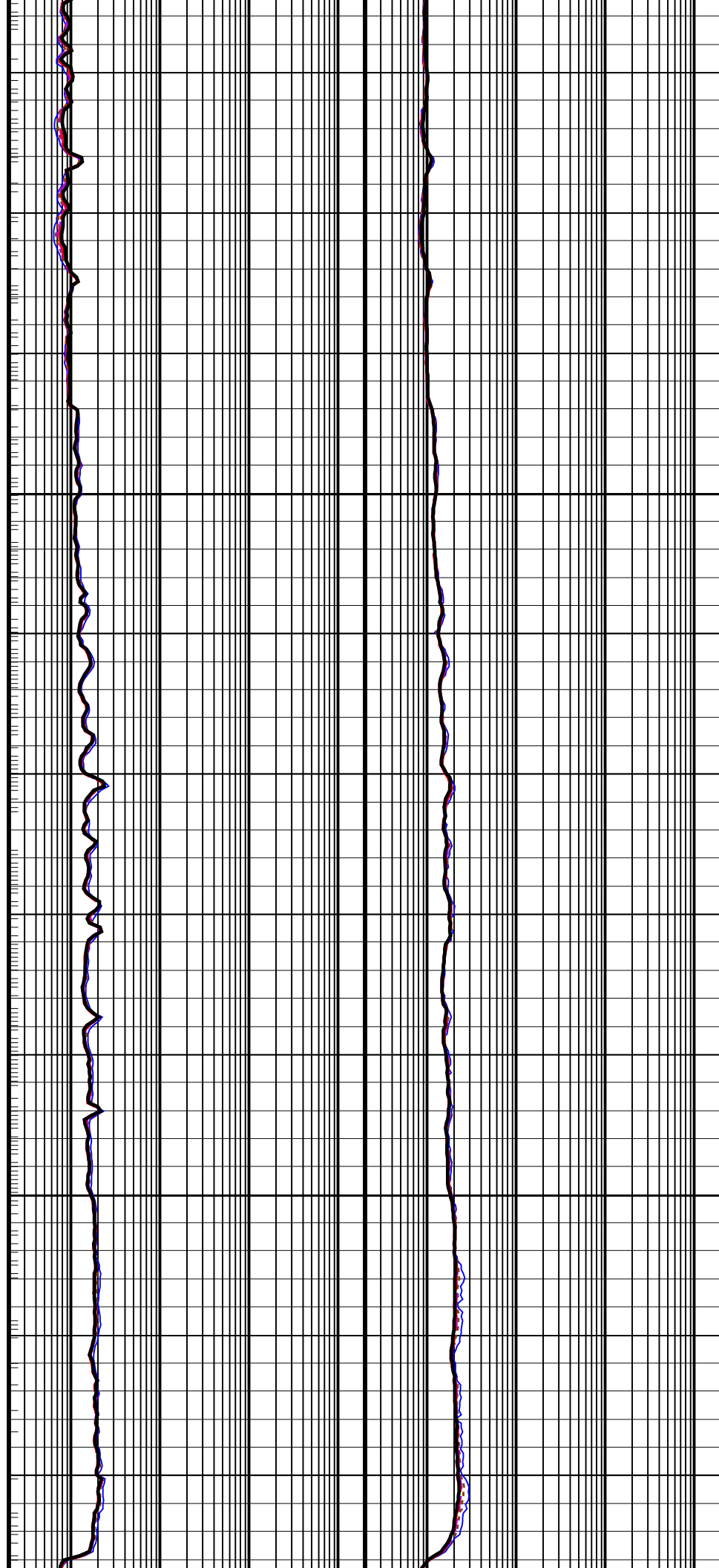
1450
TVD

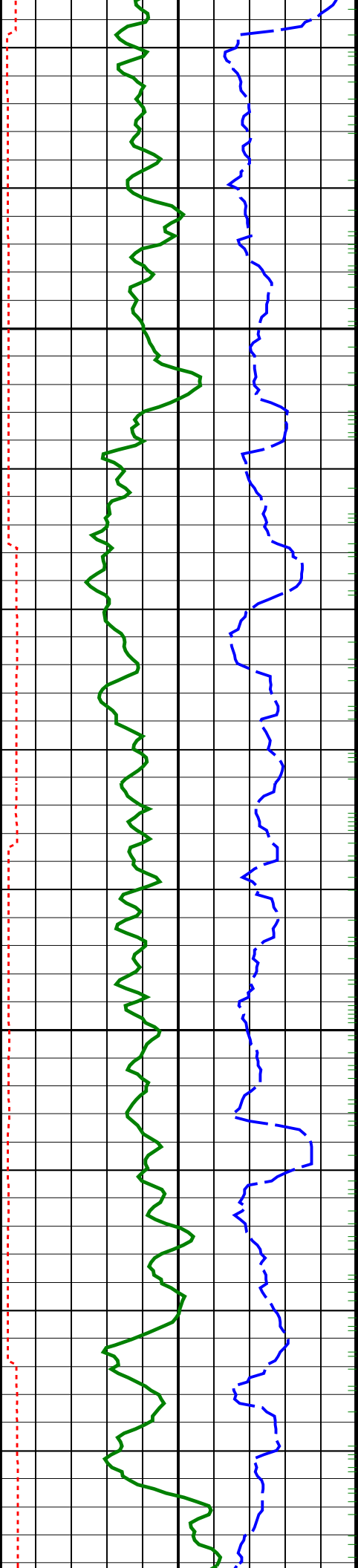




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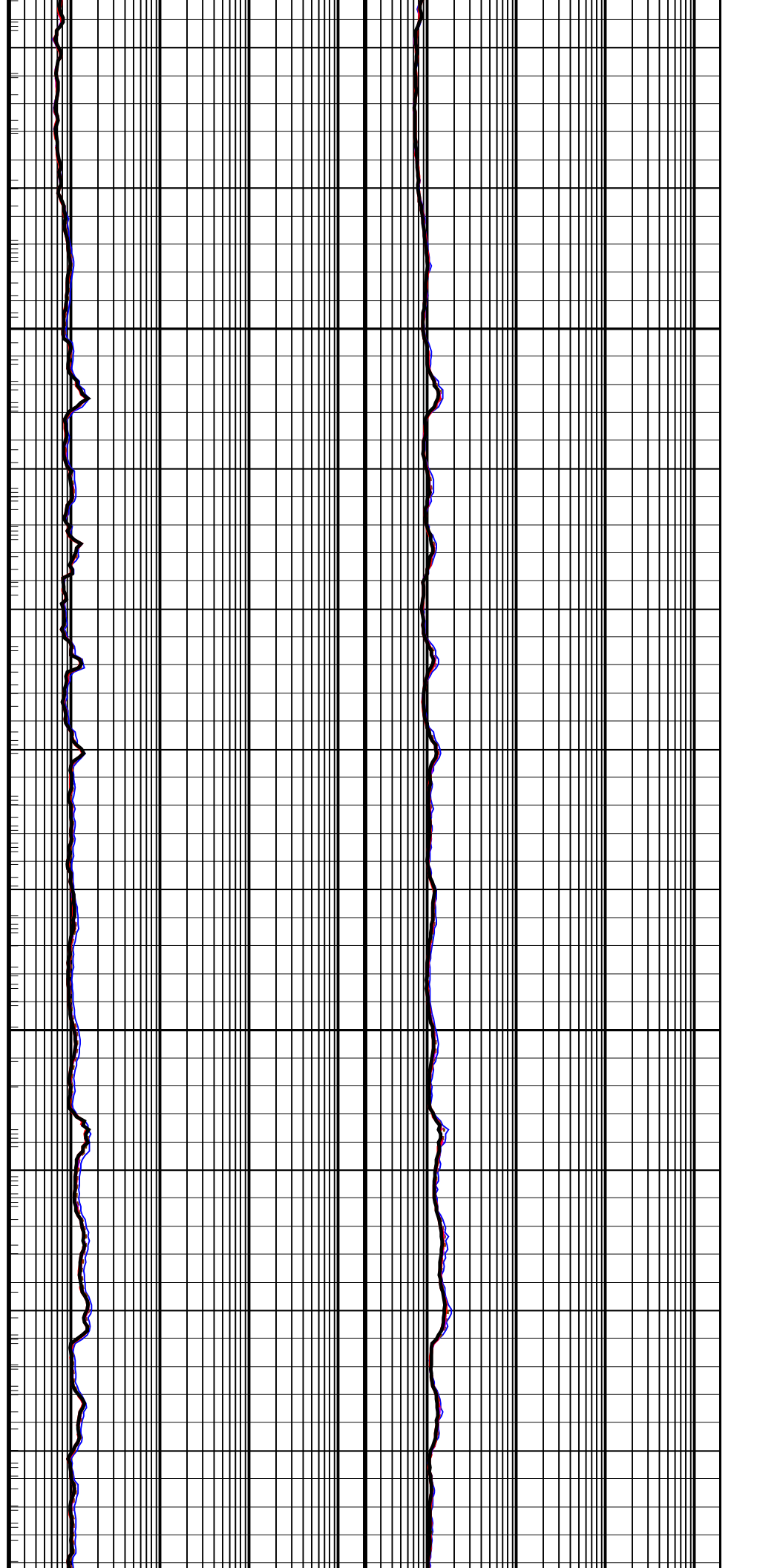
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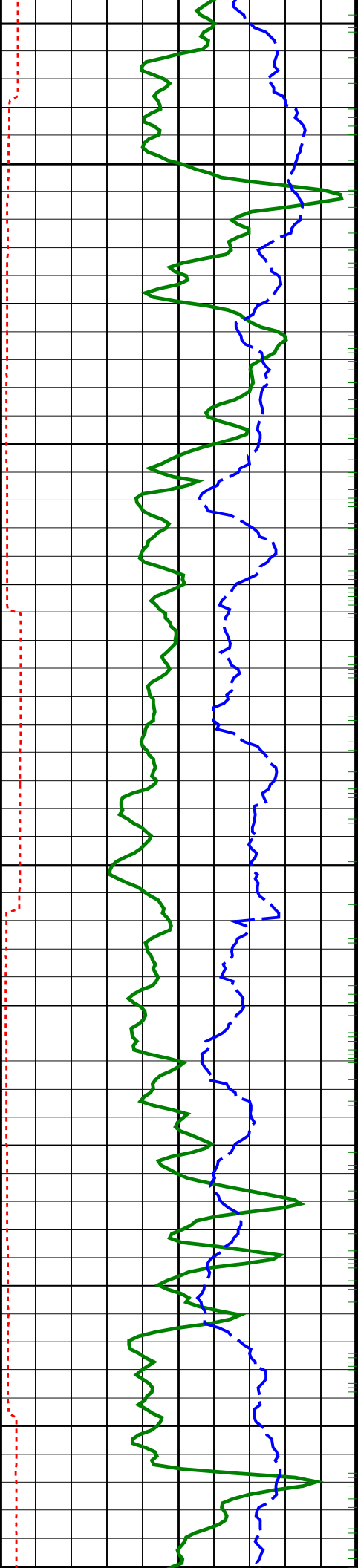




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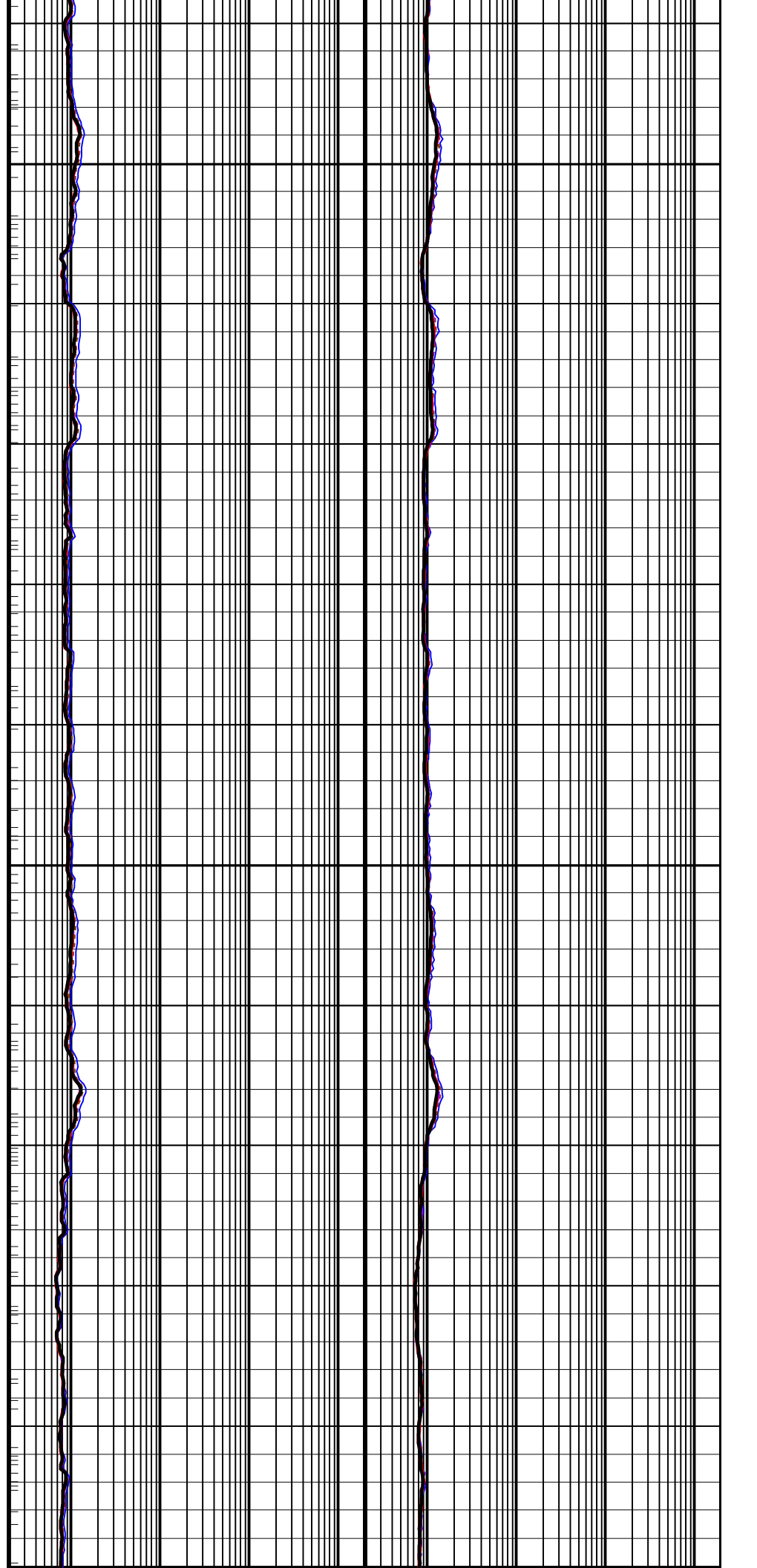
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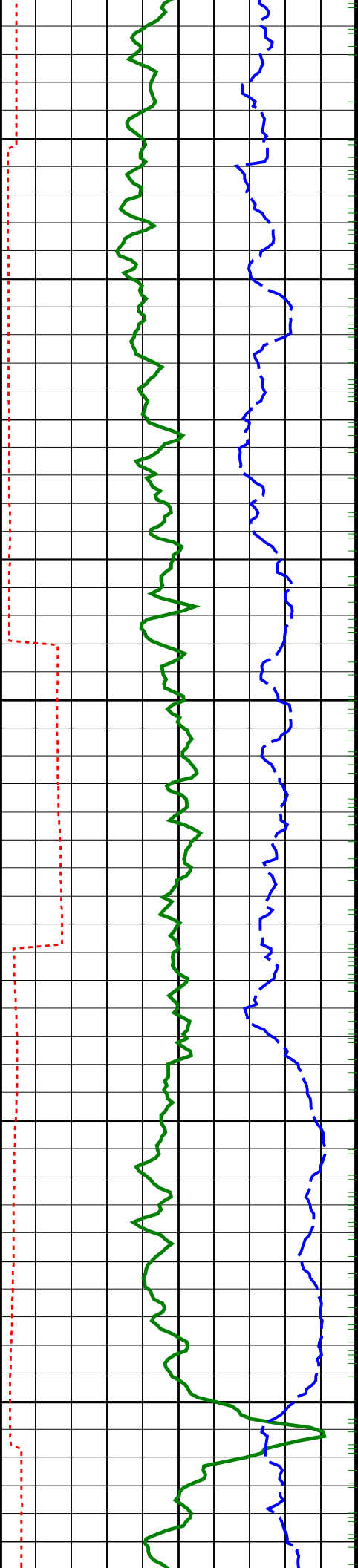




1575
TVD

1600
TVD

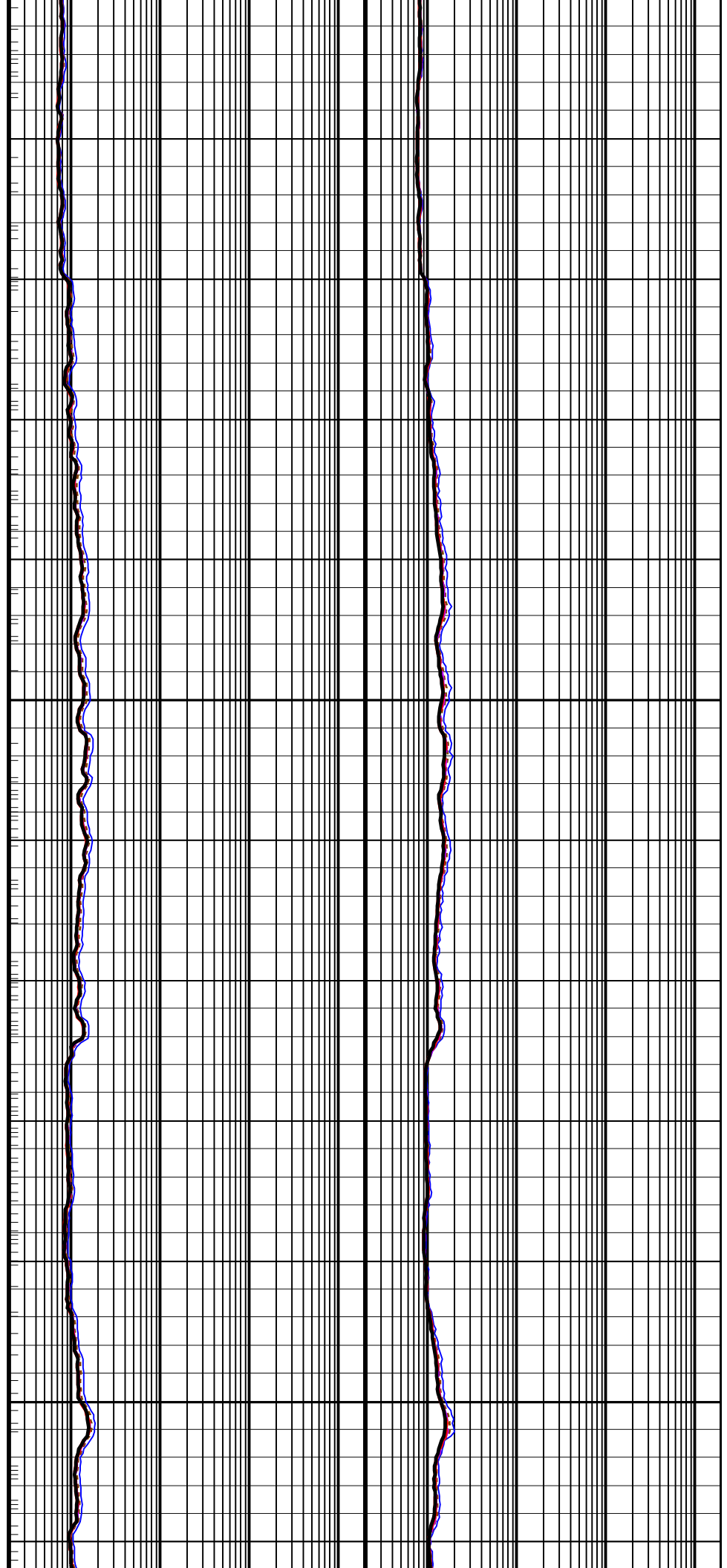


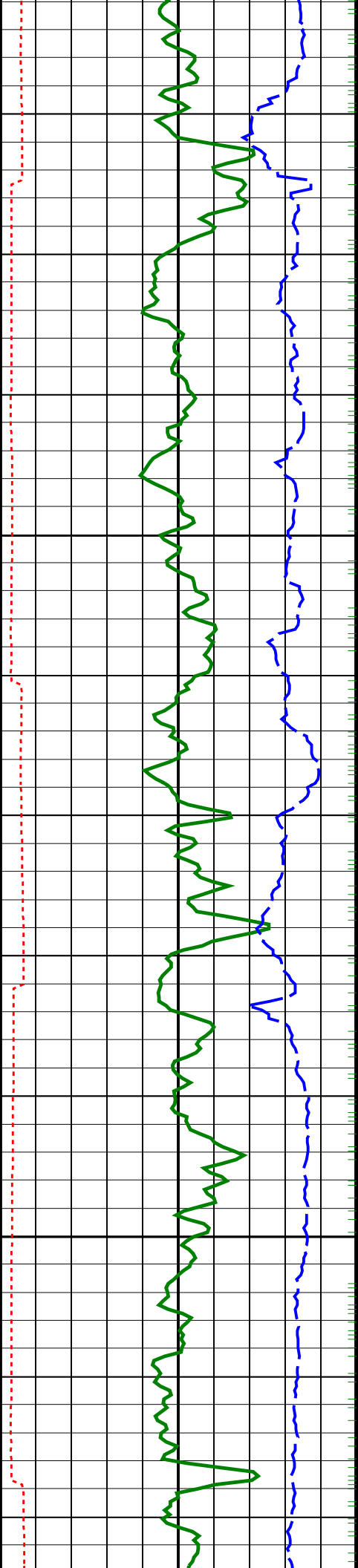


1625
TVD

1650
TVD

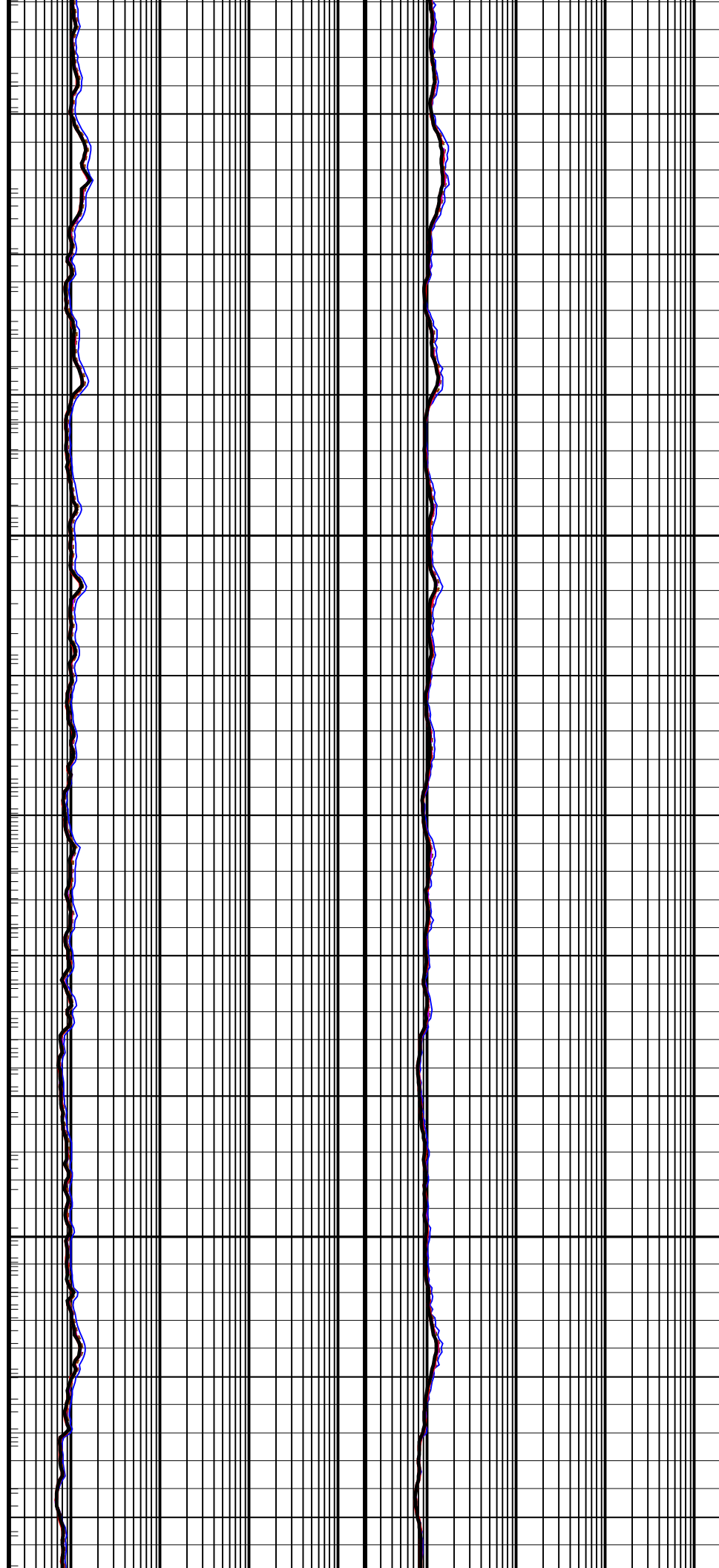
1675
TVD

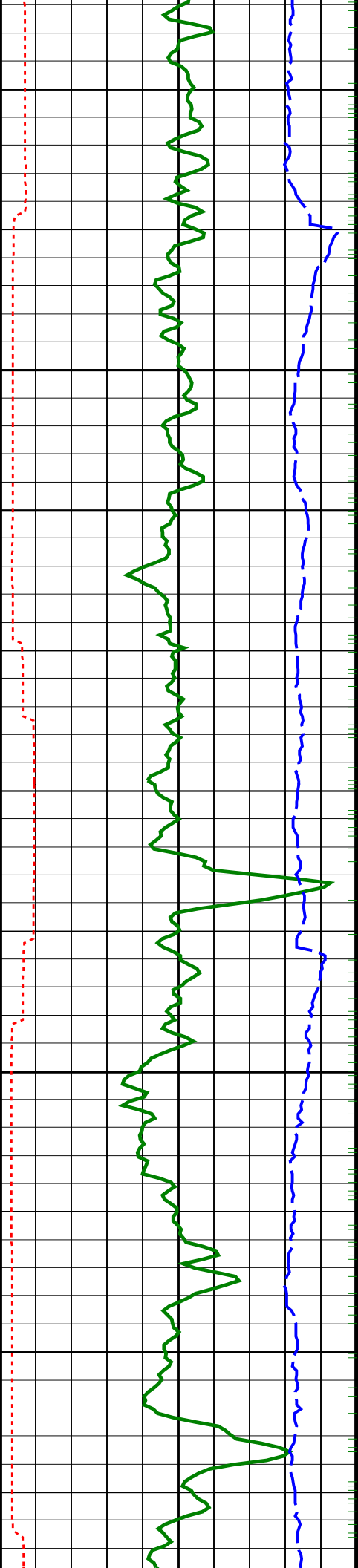




1700
TVD

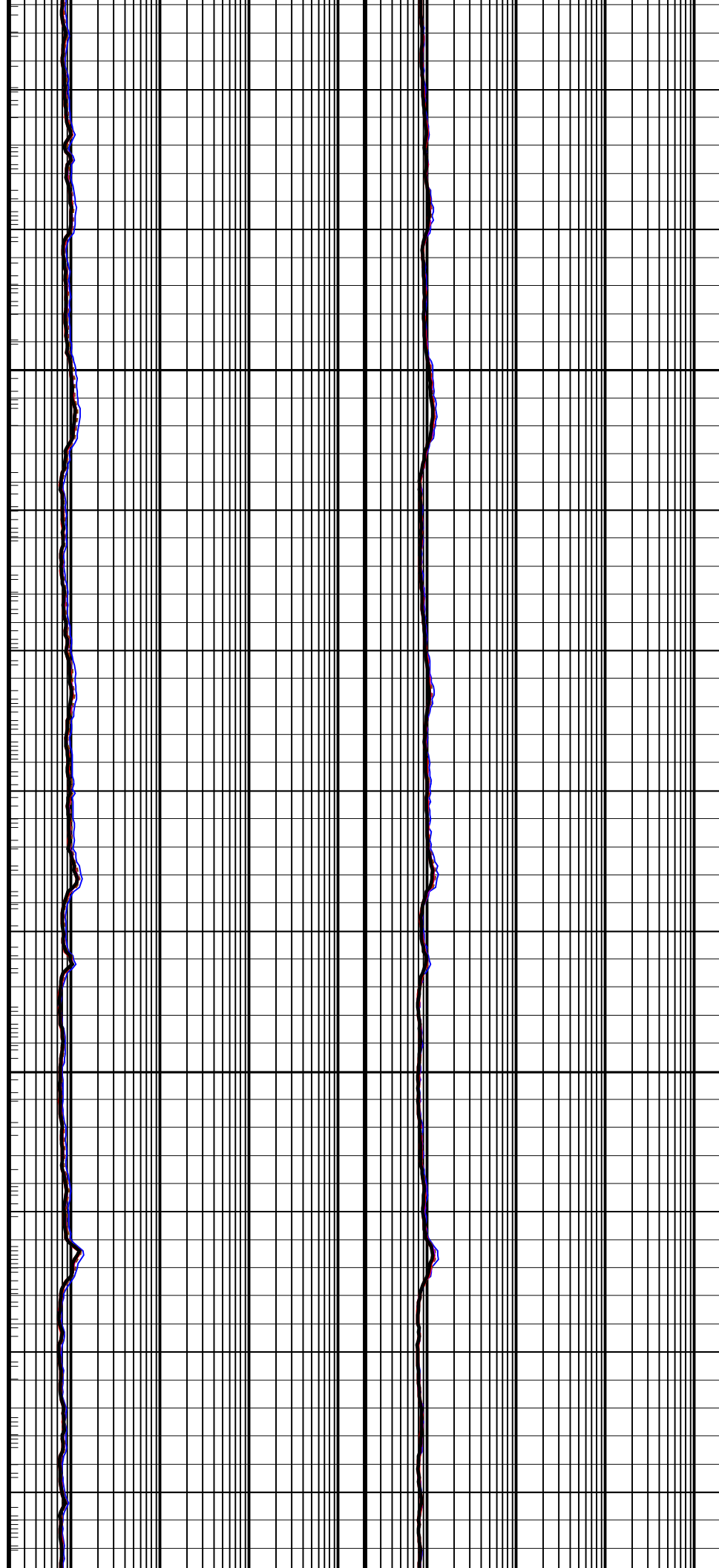
1725
TVD

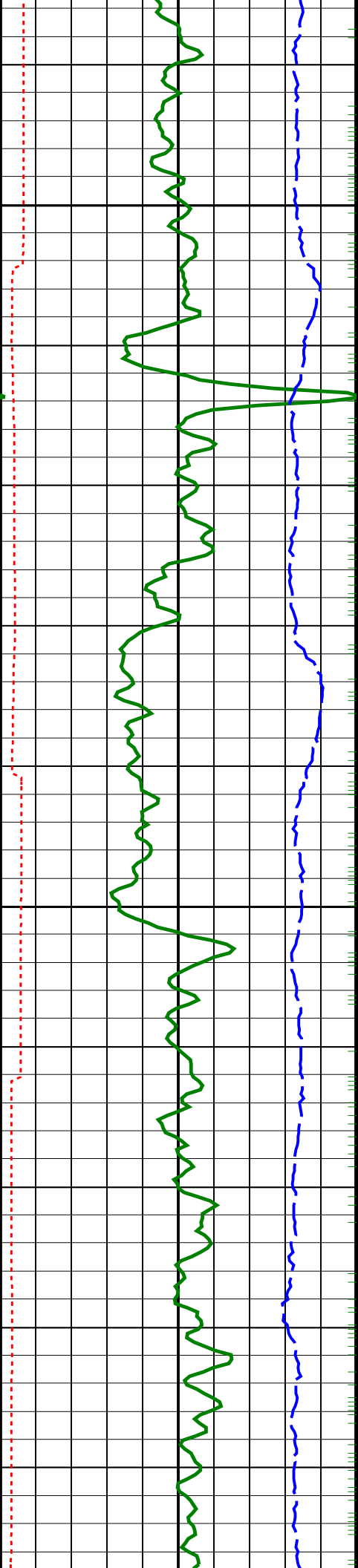




1750
TVD

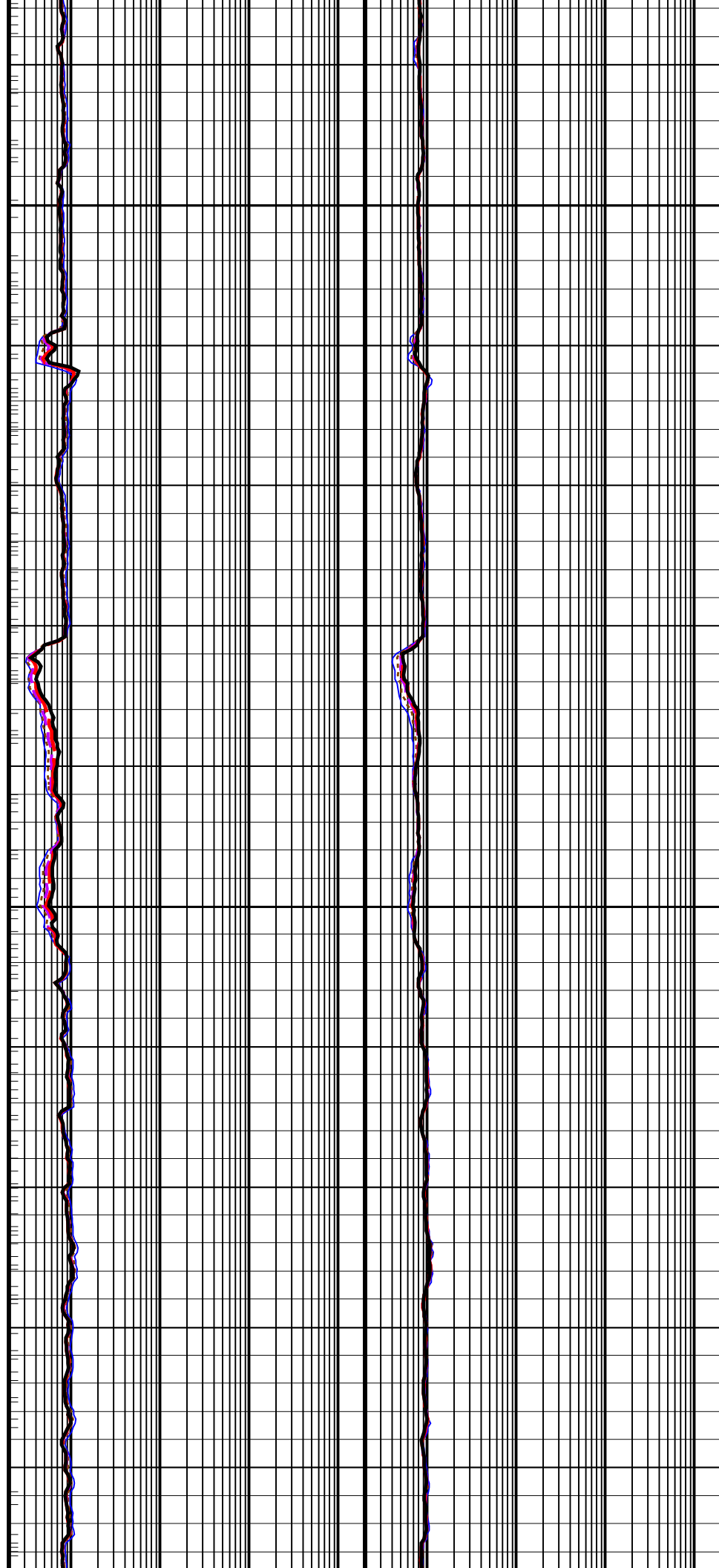
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TVD

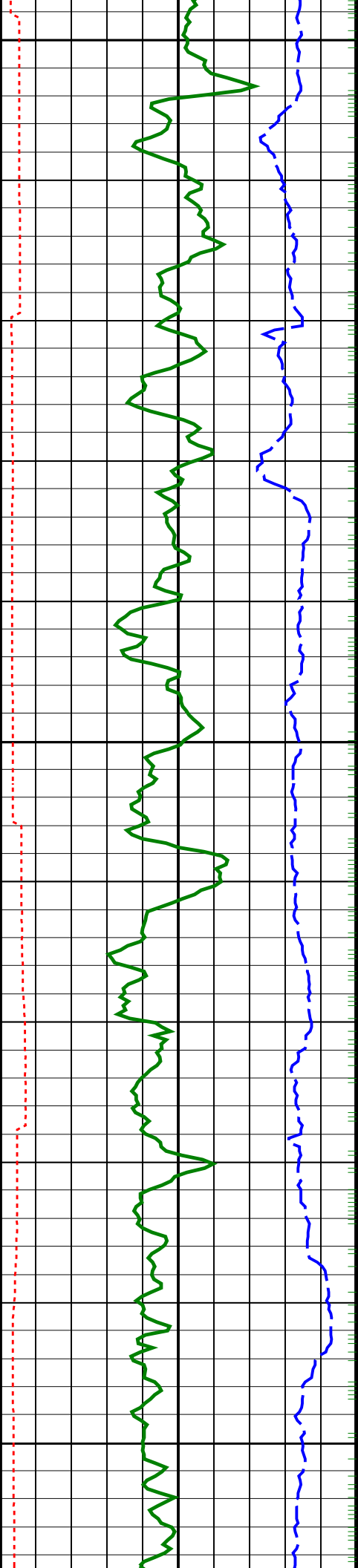




1800
TVD

1825
TVD

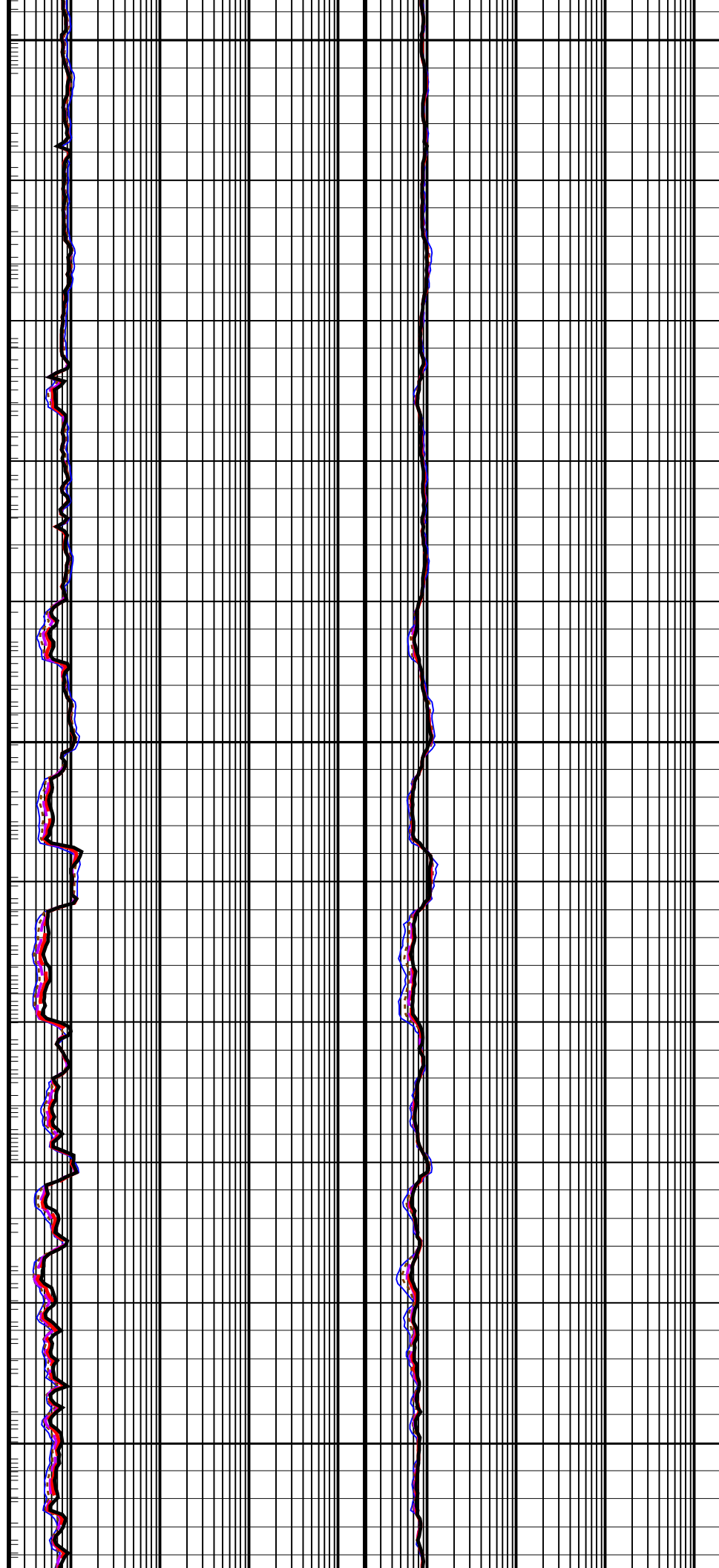


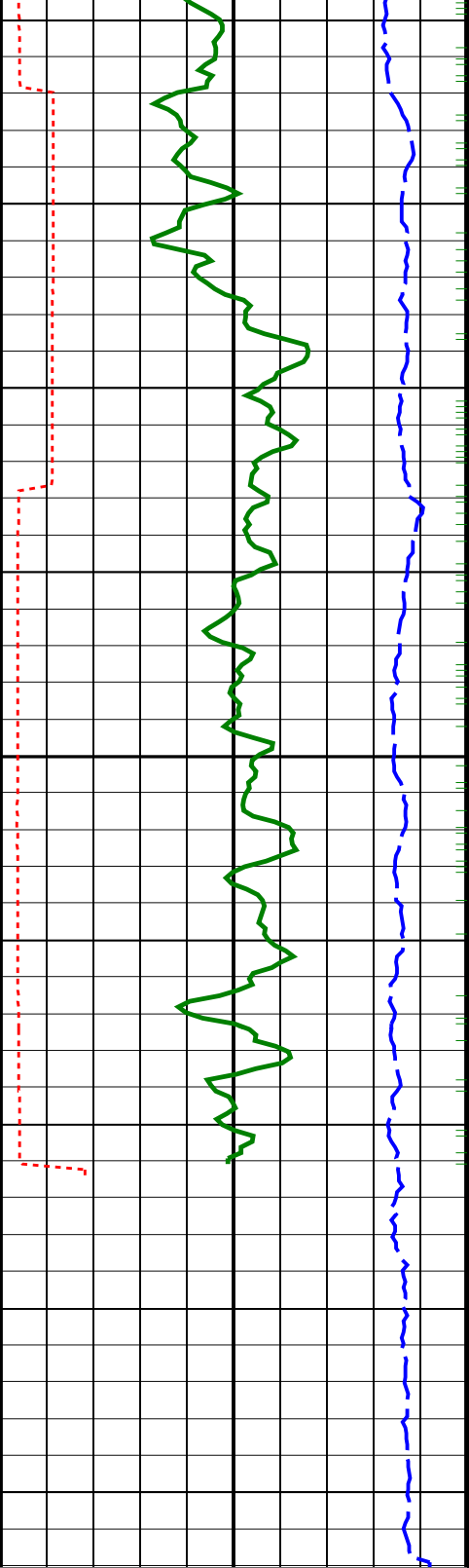


1850
TVD

1875
TVD

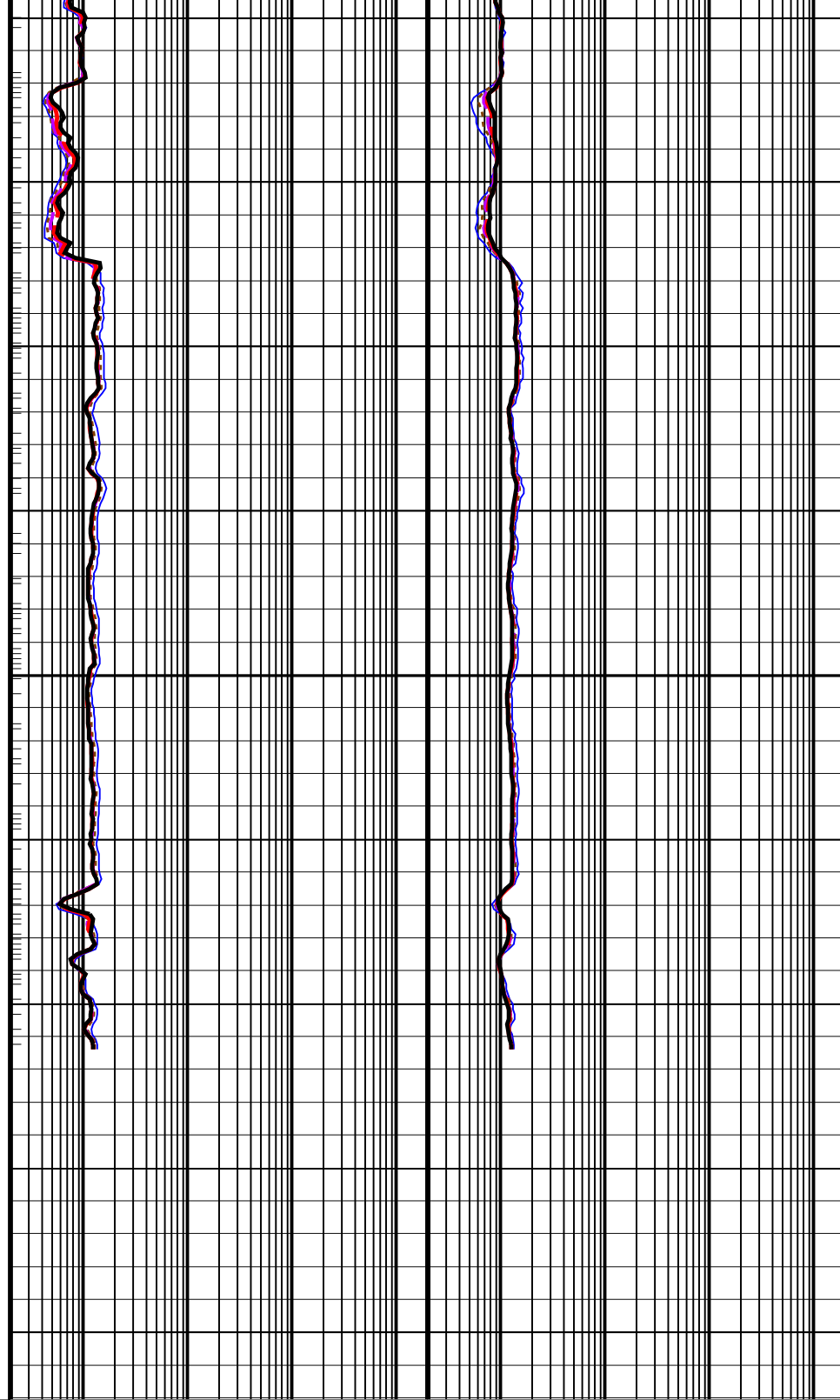
1900
TVD





ARC Gamma Ray (GR_ARC)		
0	(GAPI)	200
ARC Resistivity Time After Bit (TAB_ARC_RES)		
0	(HR)	10
Rate of Penetration, Averaged over Last 5ft (ROP5_RM)		
200	(M/HR)	0











1925
TVD














ARC Phase-Shift Resistivity 16-in. at 2 MHz (P16H)		ARC Attenuation Resistivity 16-in. at 2 MHz (A16H)	
0.2	(OHMM)	2000	0.2 (OHMM) 2000
ARC Phase-Shift Resistivity 22-in. at 2 MHz (P22H)		ARC Attenuation Resistivity 22-in. at 2 MHz (A22H)	
0.2	(OHMM)	2000	0.2 (OHMM) 2000
ARC Phase-Shift Resistivity 28-in. at 2 MHz (P28H)		ARC Attenuation Resistivity 28-in. at 2 MHz (A28H)	
0.2	(OHMM)	2000	0.2 (OHMM) 2000
ARC Phase-Shift Resistivity 34-in. at 2 MHz (P34H)		ARC Attenuation Resistivity 34-in. at 2 MHz (A34H)	
0.2	(OHMM)	2000	0.2 (OHMM) 2000
ARC Phase-Shift Resistivity 40-in. at 2 MHz (P40H)		ARC Attenuation Resistivity 40-in. at 2 MHz (A40H)	
0.2	(OHMM)	2000	0.2 (OHMM) 2000

			MHz (P40H)		MHz (A40H)	
			0.2	(OHMM)	2000	0.2 (OHMM) 2000
PIP SUMMARY						
└─ ARC Gamma Ray Samples						
└─ ARC Resistivity Samples						
IDEAL Version: ID13_0C_08						
IDF						
ARC8A-AA		id13_0c_02				

<div> <div>8.25-in. Array Resistivity Compensated / Equipment Identification</div> <div> <div>Primary Equipment:</div> <div> <div>Tool Name and Serial Number</div> <div>ARC825 Calibration Status</div> </div> <div> <div>ARC8 – AA</div> <div>Valid</div> </div> <div>8316</div> </div> </div>								
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Master: 3-May-2008 1:32														
8.25-in. Array Resistivity Compensated Calibration														
Resistivity: Air														
Phase	Phase-Shift T1			Value	Phase	Phase-Shift T2			Value	Phase	Phase-Shift T3			Value
Master				-1.208	Master				1.258	Master				-1.291
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)	
Phase	Phase-Shift T4			Value	Phase	Phase-Shift T5			Value	Phase	Phase-Shift T1 at 400KHz			Value
Master				1.240	Master				-1.297	Master				1.677
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)	
Phase	Phase-Shift T2 at 400KHz			Value	Phase	Phase-Shift T3 at 400KHz			Value	Phase	Phase-Shift T4 at 400KHz			Value
Master				-1.716	Master				1.691	Master				-1.702
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)			-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)	
Phase	Phase-Shift T5 at 400KHz			Value										
Master				1.629										
	-3.900 (Minimum)	0.1000 (Nominal)	4.100 (Maximum)											

Master: 3-May-2008 1:32														
8.25-in. Array Resistivity Compensated Calibration														
Resistivity: Air														
Phase	Attenuation T1			Value	Phase	Attenuation T2			Value	Phase	Attenuation T3			Value
Master				8.251	Master				6.386	Master				4.975
6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)					4.500 (Minimum) 6.500 (Nominal) 8.500 (Maximum)					2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)				
Phase	Attenuation T4			Value	Phase	Attenuation T5			Value	Phase	Attenuation T1 at 400KHz			Value
Master				4.351	Master				3.563	Master				8.204
2.600 (Minimum) 4.600 (Nominal) 6.600 (Maximum)					1.600 (Minimum) 3.600 (Nominal) 5.600 (Maximum)					6.500 (Minimum) 8.500 (Nominal) 10.50 (Maximum)				
Phase	Attenuation T2 at 400KHz			Value	Phase	Attenuation T3 at 400KHz			Value	Phase	Attenuation T4 at 400KHz			Value
Master				6.445	Master				4.920	Master				4.399
4.500 (Minimum) 6.500 (Nominal) 8.500 (Maximum)					2.500 (Minimum) 4.500 (Nominal) 6.500 (Maximum)					2.600 (Minimum) 4.600 (Nominal) 6.600 (Maximum)				
Phase	Attenuation T5 at 400KHz			Value										
Master				3.517										
1.600 (Minimum) 3.600 (Nominal) 5.600 (Maximum)														

Master: 5-May-2008 5:56								
8.25-in. Array Resistivity Compensated Calibration								
Gamma Ray: Blanket								
Phase	Gamma ray factor (equals Calibration Gain multiplied by API Gain Factor) CPS						Value	
								

4.960
(Minimum)7.200
(Nominal)9.650
(Maximum)

SCHLUMBERGER

Survey report

4-Jun-2008 15:47:33

Page 1 of 3

Client..... Santos Ltd
Field..... Sorell Basin

Well..... Jarver-1
Service No..... 08ASQ0002
Engineer..... ML/JO/JL

RIG..... Ocean Patriot
STATE..... Tasmania

Spud date..... 16-May-08
Last survey date..... 04-Jun-08
Total accepted surveys... 58
MD of first survey..... 0.00 m
MD of last survey..... 3062.00 m

----- Survey calculation methods-----
Method for positions..... Minimum curvature
Method for DLS..... Mason & Taylor

----- Depth reference -----
Permanent datum..... Australian Height Datum
Depth reference..... Driller's Depth
GL above permanent..... -576.85 m
KB above permanent..... Top Drive
DF above permanent..... 20.85 m

----- Vertical section origin-----
Latitude (+N/S-)..... 0.00 m
Departure (+E/W-)..... 0.00 m

----- Platform reference point-----
Latitude (+N/S-)..... -----
Departure (+E/W-)..... -----

Azimuth from Vsect Origin to target: 112.20 degrees

----- Geomagnetic data -----
Magnetic model..... BGGM version 2007
Magnetic date..... 21-May-2008
Magnetic field strength... 1236.28 HCNT
Magnetic dec (+E/W-)..... 12.45 degrees
Magnetic dip..... -71.86 degrees

----- MWD survey Reference Criteria -----
Reference G..... 1000.31 mGal
Reference H..... 1236.28 HCNT
Reference Dip..... -71.86 degrees
Tolerance of G..... (+/-) 2.50 mGal
Tolerance of H..... (+/-) 6.00 HCNT
Tolerance of Dip..... (+/-) 0.45 degrees

----- Corrections -----
Magnetic dec (+E/W-)..... 12.45 degrees
Grid convergence (+E/W-).. -2.14 degrees
Total az corr (+E/W-)..... 14.59 degrees
(Total az corr = magnetic dec - grid conv)
Survey Correction Type ...:
I=Sag Corrected Inclination
M=Schlumberger Magnetic Correction
S=Shell Magnetic Correction
F=Failed Axis Correction
R=Magnetic Resonance Tool Correction
D=Dmag Magnetic Correction

[(c)2008 IDEAL ID13_OC_08]
SCHLUMBERGER Survey Report

4-Jun-2008 15:47:33

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100f)	Srvy tool type	Tool Corr (deg)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIP	None
2	625.22	0.78	111.45	625.22	625.20	4.26	-1.56	3.96	4.26	111.45	0.04	MS	None
3	653.95	0.79	307.22	28.73	653.93	4.26	-1.51	3.99	4.26	110.73	1.65	MS	None
4	682.81	0.66	70.44	28.86	682.79	4.19	-1.33	3.98	4.20	108.49	1.35	MS	None
5	711.59	0.76	163.99	28.78	711.57	4.43	-1.46	4.19	4.44	109.20	1.10	MS	None
6	769.05	0.69	31.48	57.46	769.03	4.72	-1.53	4.48	4.73	108.88	0.70	MS	None
7	797.65	0.62	126.90	28.60	797.62	4.90	-1.48	4.69	4.92	107.48	1.03	MS	None
8	826.52	1.42	110.88	28.87	826.49	5.41	-1.70	5.15	5.42	108.25	0.89	MS	None
9	855.24	1.18	327.80	28.72	855.21	5.53	-1.58	5.33	5.55	106.48	2.62	MS	None
10	884.16	0.61	113.14	28.92	884.12	5.44	-1.38	5.31	5.49	104.61	1.81	MS	None
11	913.05	0.58	214.02	28.89	913.01	5.56	-1.57	5.37	5.59	106.26	0.97	MS	None
12	941.83	0.70	74.64	28.78	941.79	5.67	-1.64	5.46	5.70	106.72	1.27	MS	None
13	970.76	0.64	91.36	28.93	970.72	5.96	-1.60	5.79	6.00	105.42	0.21	MS	None
14	999.56	0.80	139.54	28.80	999.52	6.29	-1.75	6.08	6.33	106.09	0.64	MS	None
15	1028.45	0.46	115.68	28.89	1028.41	6.59	-1.96	6.31	6.61	107.22	0.45	MS	None
16	1057.36	0.62	109.10	28.91	1057.32	6.86	-2.06	6.57	6.88	107.40	0.18	MS	None
17	1086.13	0.59	71.18	28.77	1086.08	7.13	-2.06	6.85	7.16	106.74	0.42	MS	None
18	1115.06	0.67	143.53	28.93	1115.01	7.38	-2.15	7.10	7.41	106.85	0.79	MS	None
19	1144.00	0.68	139.77	28.94	1143.95	7.68	-2.42	7.31	7.70	108.30	0.05	MS	None
20	1172.93	0.58	138.87	28.93	1172.88	7.96	-2.66	7.51	7.97	109.48	0.11	MS	None
21	1201.85	0.45	160.27	28.92	1201.80	8.17	-2.88	7.65	8.17	110.60	0.24	MS	None
22	1230.68	0.67	137.73	28.83	1230.63	8.40	-3.11	7.80	8.40	111.71	0.32	MS	None
23	1259.58	0.29	168.59	28.90	1259.53	8.59	-3.30	7.93	8.59	112.62	0.47	MS	None
24	1288.49	0.11	130.28	28.91	1288.44	8.66	-3.39	7.96	8.66	113.07	0.23	MS	None
25	1317.41	0.23	108.83	28.92	1317.36	8.74	-3.43	8.04	8.74	113.10	0.14	MS	None
26	1346.30	0.29	95.15	28.89	1346.24	8.87	-3.45	8.17	8.87	112.93	0.09	MS	None
27	1375.23	0.41	87.00	28.93	1375.17	9.03	-3.46	8.34	9.03	112.50	0.14	MS	None
28	1398.40	0.32	101.81	23.17	1398.34	9.17	-3.46	8.49	9.17	112.20	0.17	MS	None
29	1436.48	0.21	345.43	38.08	1436.42	9.23	-3.42	8.58	9.23	111.73	0.36	PUP	None
30	1466.32	0.29	343.15	29.84	1466.26	9.15	-3.29	8.54	9.15	111.09	0.08	PUP	None

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SCHLUMBERGER Survey Report

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Seq #	Measured depth (m)	Incl angle (deg)	Azimuth angle (deg)	Course length (m)	TVD depth (m)	Vertical section (m)	Displ +N/S- (m)	Displ +E/W- (m)	Total displ (m)	At Azim (deg)	DLS (deg/100f)	Srvy tool type	Tool Corr (deg)
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31	1523.81	0.26	327.52	57.49	1523.75	8.96	-3.04	8.43	8.96	109.86	0.04	PUP	None
32	1552.31	0.15	306.71	28.50	1552.25	8.87	-2.97	8.37	8.88	109.53	0.14	PUP	None
33	1610.49	0.20	273.09	58.18	1610.43	8.70	-2.92	8.20	8.71	109.58	0.06	PUP	None
34	1667.70	0.10	327.45	57.21	1667.64	8.56	-2.87	8.08	8.57	109.56	0.09	PUP	None
35	1753.02	0.15	85.88	85.32	1752.96	8.60	-2.80	8.15	8.61	108.96	0.08	PUP	None
36	1782.05	0.17	30.71	29.03	1781.99	8.64	-2.76	8.21	8.66	108.58	0.16	PUP	None
37	1811.44	0.22	22.53	29.39	1811.38	8.65	-2.67	8.25	8.67	107.93	0.06	PUP	None
38	1840.13	0.41	23.27	28.69	1840.07	8.65	-2.52	8.31	8.69	106.89	0.20	PUP	None
39	1896.95	0.36	21.42	56.82	1896.89	8.65	-2.17	8.46	8.73	104.40	0.03	PUP	None
40	1928.28	0.40	341.32	31.33	1928.22	8.58	-1.98	8.46	8.69	103.15	0.26	PUP	None
41	1960.02	0.46	333.87	31.74	1959.96	8.41	-1.76	8.37	8.55	101.86	0.08	PUP	None
42	1988.76	0.36	339.99	28.74	1988.70	8.26	-1.57	8.29	8.43	100.72	0.12	PUP	None
43	2017.29	0.35	330.35	28.53	2017.23	8.14	-1.41	8.21	8.33	99.73	0.06	PUP	None
44	2046.82	0.40	345.32	29.53	2046.76	8.00	-1.23	8.14	8.23	98.59	0.11	PUP	None
45	2076.60	0.30	339.19	29.78	2076.54	7.89	-1.06	8.09	8.16	97.44	0.11	PUP	None
46	2105.86	0.28	331.18	29.26	2105.80	7.78	-0.92	8.03	8.08	96.56	0.05	PUP	None
47	2163.31	0.34	338.86	57.45	2163.24	7.55	-0.64	7.90	7.92	94.64	0.04	PUP	None
48	2192.25	0.32	344.83	28.94	2192.18	7.45	-0.48	7.84	7.86	93.52	0.04	PUP	None
49	2219.96	0.41	332.65	27.71	2219.89	7.32	-0.32	7.78	7.79	92.35	0.13	PUP	None
50	2278.23	0.35	333.64	58.27	2278.16	7.03	0.03	7.60	7.60	89.81	0.03	PUP	None
51	2335.93	0.45	317.58	57.70	2335.86	6.69	0.35	7.37	7.38	87.28	0.08	PUP	None
52	2421.85	0.36	319.82	85.92	2421.78	6.15	0.81	6.97	7.02	83.41	0.03	PUP	None
53	2508.06	0.43	323.34	86.21	2507.99	5.63	1.27	6.60	6.72	79.10	0.03	PUP	None
54	2594.16	0.37	325.91	86.10	2594.08	5.13	1.76	6.25	6.50	74.27	0.02	PUP	None
55	2768.83	0.44	309.07	174.67	2768.75	4.01	2.65	5.42	6.03	63.92	0.02	PUP	None
56	2827.34	0.37	280.23	58.51	2827.26	3.61	2.83	5.06	5.79	60.80	0.11	PUP	None
57	2940.58	0.37	309.92	113.24	2940.50	2.91	3.13	4.42	5.41	54.71	0.05	PUP	None
58	3062.00	0.37	309.92	121.42	3061.91	2.16	3.63	3.82	5.27	46.44	0.00	Projection to TD	
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Schlumberger

Company: Santos Ltd

Well: Jarver-1

Field: Sorell Basin

Rig: Ocean Patriot

State: Tasmania

17.5 in. Section

VISION Resistivity
1:200 True Vertical Depth
Recorded Mode Log