

2" = 100' TVD

COMPANY : BILL BARRETT CORP. WELL : ANSCHUTZ EQ FARMS 3-62-4-2532XCXN FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-46020				COMPANY : BILL BARRETT CORP. WELL : ANSCHUTZ EQ FARMS 3-62-4-2532XCXN FIELD : WATTENBERG COUNTY : WELD STATE : COLORADO COUNTRY : U.S.A. UWI : 05-123-46020			
DEPTH REF. : RKB REF. HEIGHT : 20.000 ft GROUND LEVEL : 4612.600 ft				WELL LOCATION LAT:40°15'17.316"N LONG:104°19'13.795"W N:1337858.39 ft E:3329197.16 ft SEC:4 TWP:3N RANGE:62W			
BOREHOLE RECORD HOLE SIZE in FROM ft TO ft 12.75 0 840 8.75 840 6660 6 6660 16367 90 +/- 2 6674 16367				OTHER SERVICES NAD83 DIRECTIONAL ROP			
DEVIATION RECORD INCLINATION deg FROM ft TO ft 0 - 22 0 2625 22 - 0 265 5728 0 - 90 5728 6674 6674 16367				CASING RECORD CASING SIZE in FROM ft TO ft 9.625 0 840 7 840 6646			
DRILLING CO.: SAVANNA RIG: 802 LWD UNIT NO.: KIT MUD PUDISTRICT: CASPER SPUD DATE: 12/04/2017 LWD START DATE: 12/04/2017 LWD END DATE: 12/10/2017 DEPTH: 840 ft DEPTH: 16367 ft TOTAL DEPTH: 16367 ft							

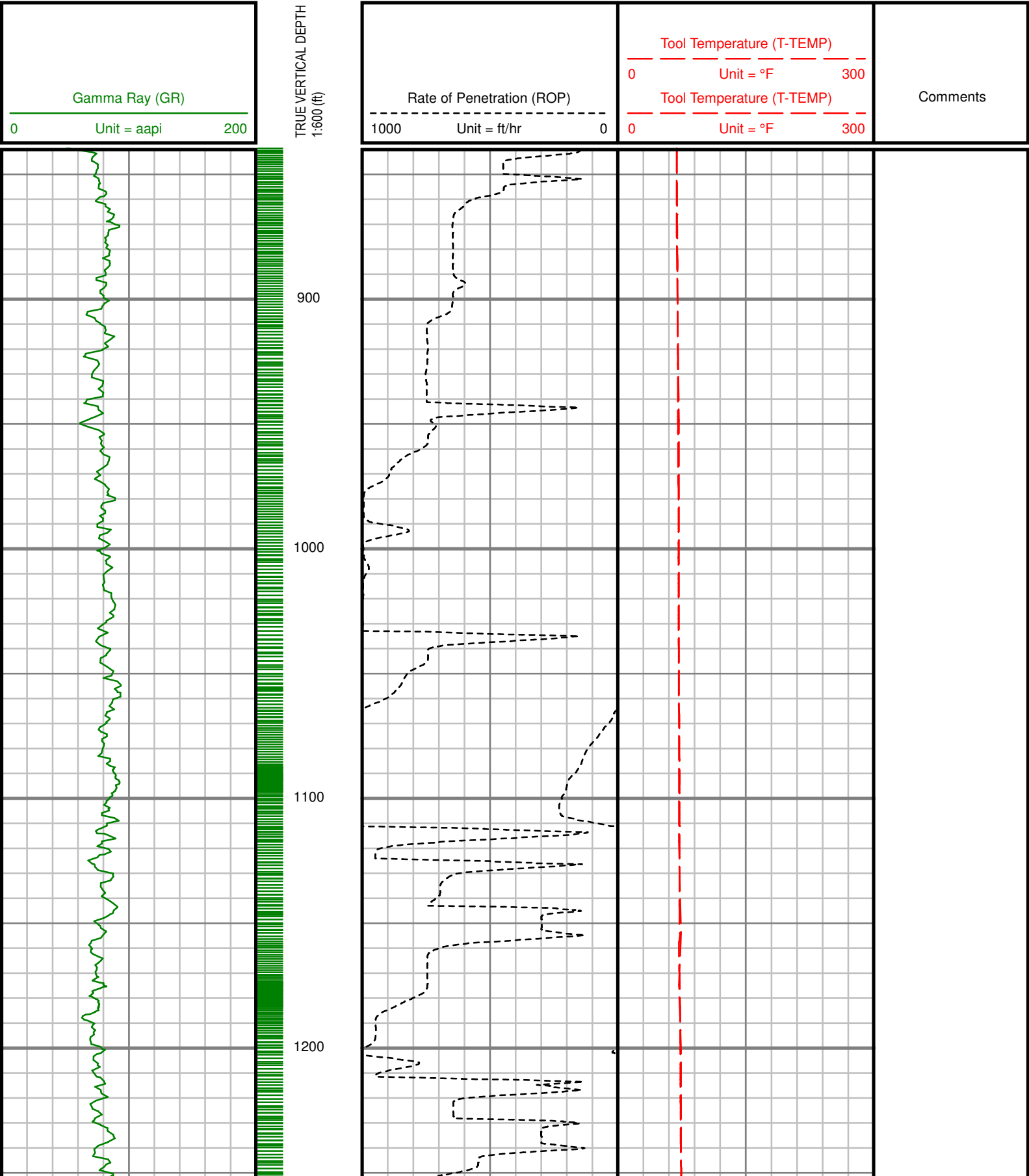
Run Data						
RUN NUMBER	RUN 1	RUN 2	RUN 3			
START DATE	12/04/2017	12/05/2017	12/07/2017			
START TIME	08:00	05:30	02:30			
END DATE	12/04/2017	12/06/2017	12/10/2017			
END TIME	15:30	09:30	20:30			
DEPTH IN (ft)	0	840	6660			
DEPTH OUT (ft)	840	6660	16367			
LOG TOP (ft)	0	840	6602			
LOG BOTTOM (ft)	0	6602	16314			
HOLE SIZE (in)	12.75	8.75	6.00			
MUD DATA @ (ft)	677	1215	6660			
MUD TYPE	WATER BASED	WATER BASED	WATER BASED			
DENSITY (lb / gal)	9	8.6	8.7			
VISCOSITY (s / qt)	30	38	29			
pH	8	11.9	10.2			
FLUID LOSS (cm3 / 30)	-	-	-			
SALINITY (mg / L)	450	850	550			
Rm (ohmm @ deg F)	-	-	-			
Rmf (ohmm @ deg F)	-	-	-			
MAX TEMP (deg F)	78	168	237			
Rm @ MAX TEMP (ohmm)	-	-	-			
LWD ENGINEER #1	J. MILBURN	J. MILBURN	J. MILBURN			
LWD ENGINEER #2	A. CARTER	A. CARTER	R. WARD			
LWD ENGINEER #3	-	-	-			
LOG WITNESS #1	K. MOORE	K. MOORE	K. MOORE			
LOG WITNESS #2	-	-	-			

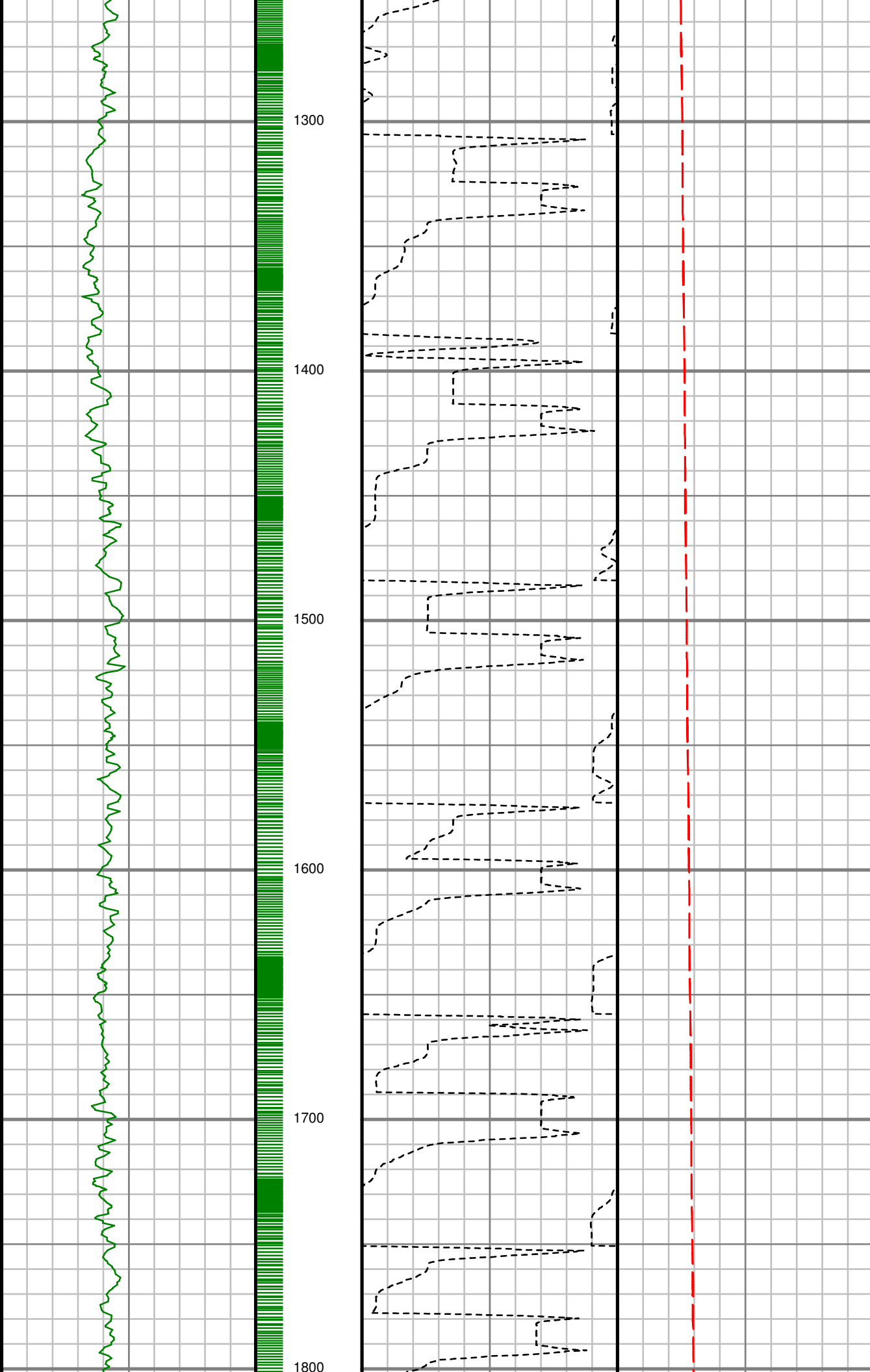
Remarks
BILL BARRETT CORP. AFE# 19813D
SCIENTIFIC DRILLING INTERNATIONAL JOB# OP.006361
ALL REFERENCES IN THE DEPTH TRACK ARE AT BIT DEPTH.
ALL DATA IS MEMORY DATA UNLESS STATED OTHERWISE.
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO GAMMA RAY CURVE
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO RATE OF PENETRATION CURVE
FLAT AVERAGE FILTER OF 1.00 FT APPLIED TO TOOL TEMPERATURE CURVE
RUN #1: MWD / DIRECTIONAL RUN
SENSORS S/N: PULSER = 128-253 / CONT = 199 / MWD EYE = 1546
BIT TO SENSOR OFFSET: SURVEY = 65.78 FT.
RUN #2: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER = 128-253 / CONT = 199 / MWD EYE = 1546 / GAMMA RAY = 1176
BIT TO SENSOR OFFSETS: SURVEY = 59.82 FT. / GAMMA RAY 55.82 FT.
RUN #3: MWD / GAMMA RAY LOGGING RUN
SENSORS S/N: PULSER = 78-245 / CONT = 845 / MWD EYE = 1402 / GAMMA RAY = 1390
BIT TO SENSOR OFFSETS: SURVEY = 56.18 FT. / GAMMA RAY 52.18 FT.
MNEMONICS LIST:
GR = GAMMA RAY
ROP = RATE OF PENETRATION

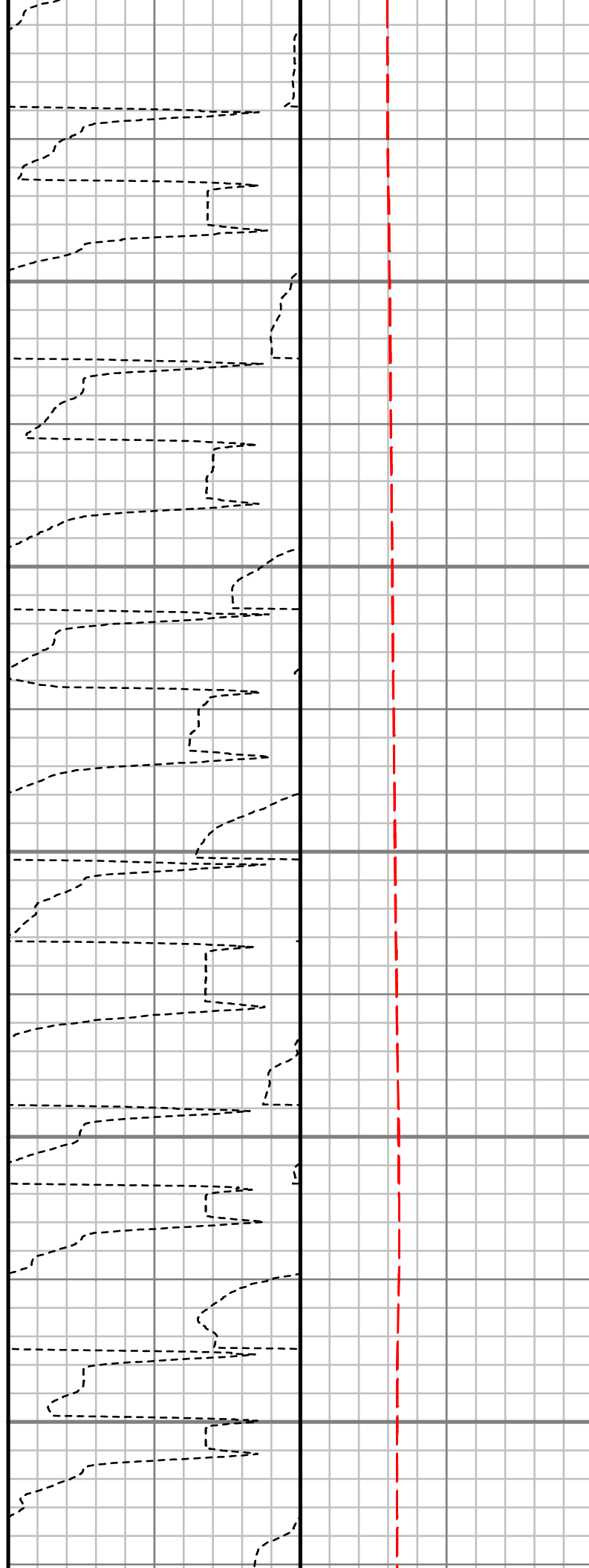
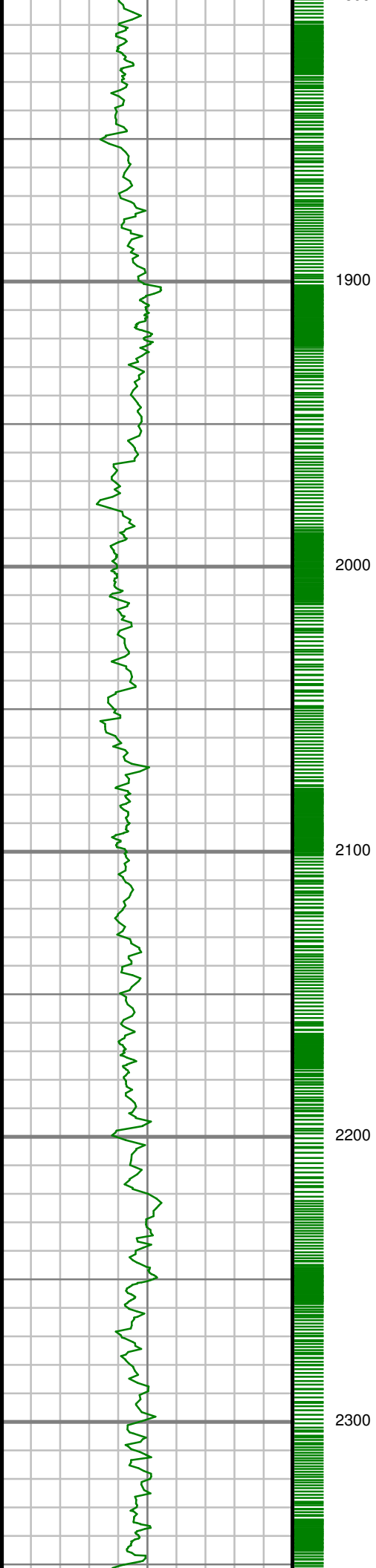
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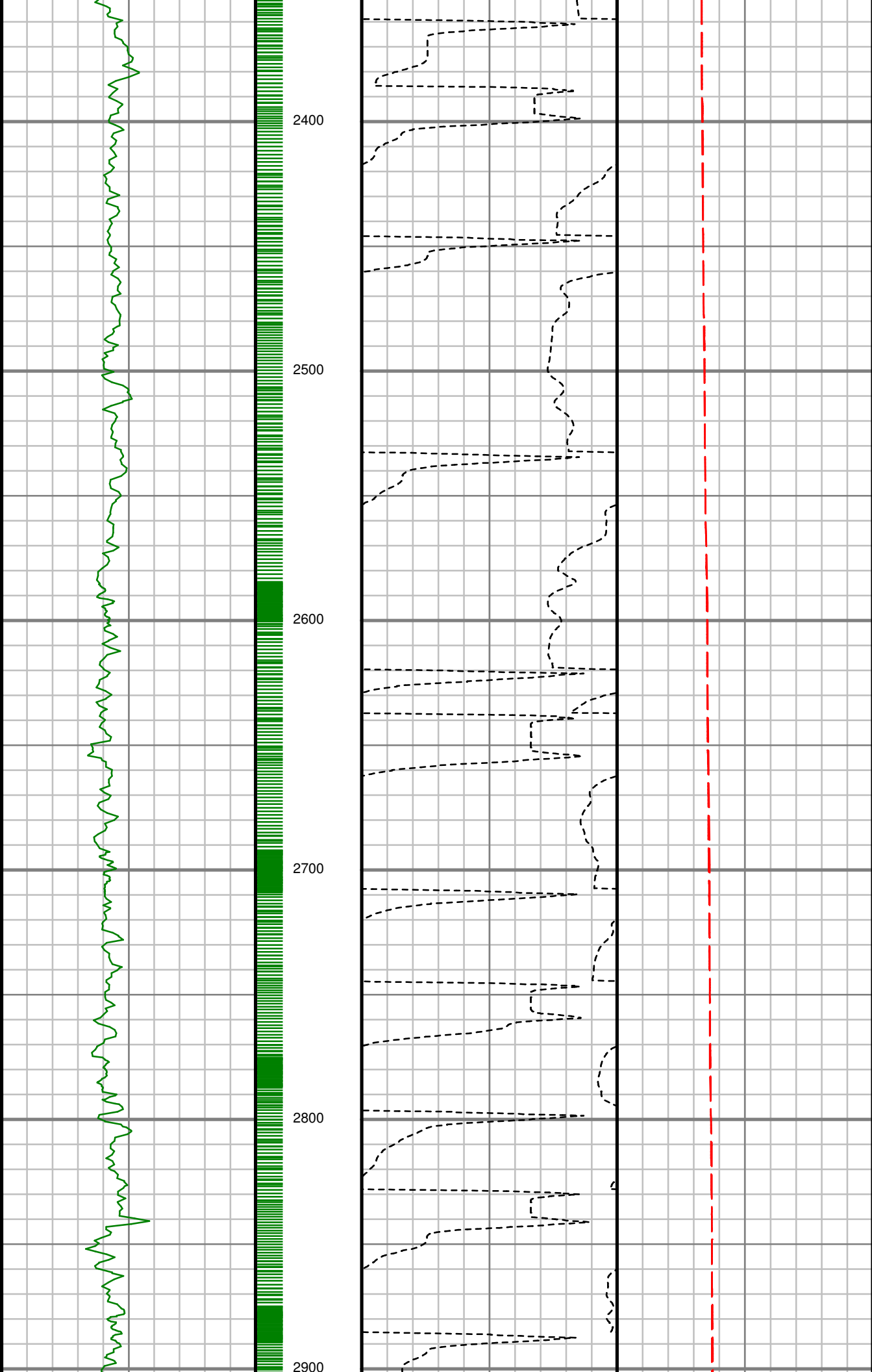
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 as set out in our current price schedule.

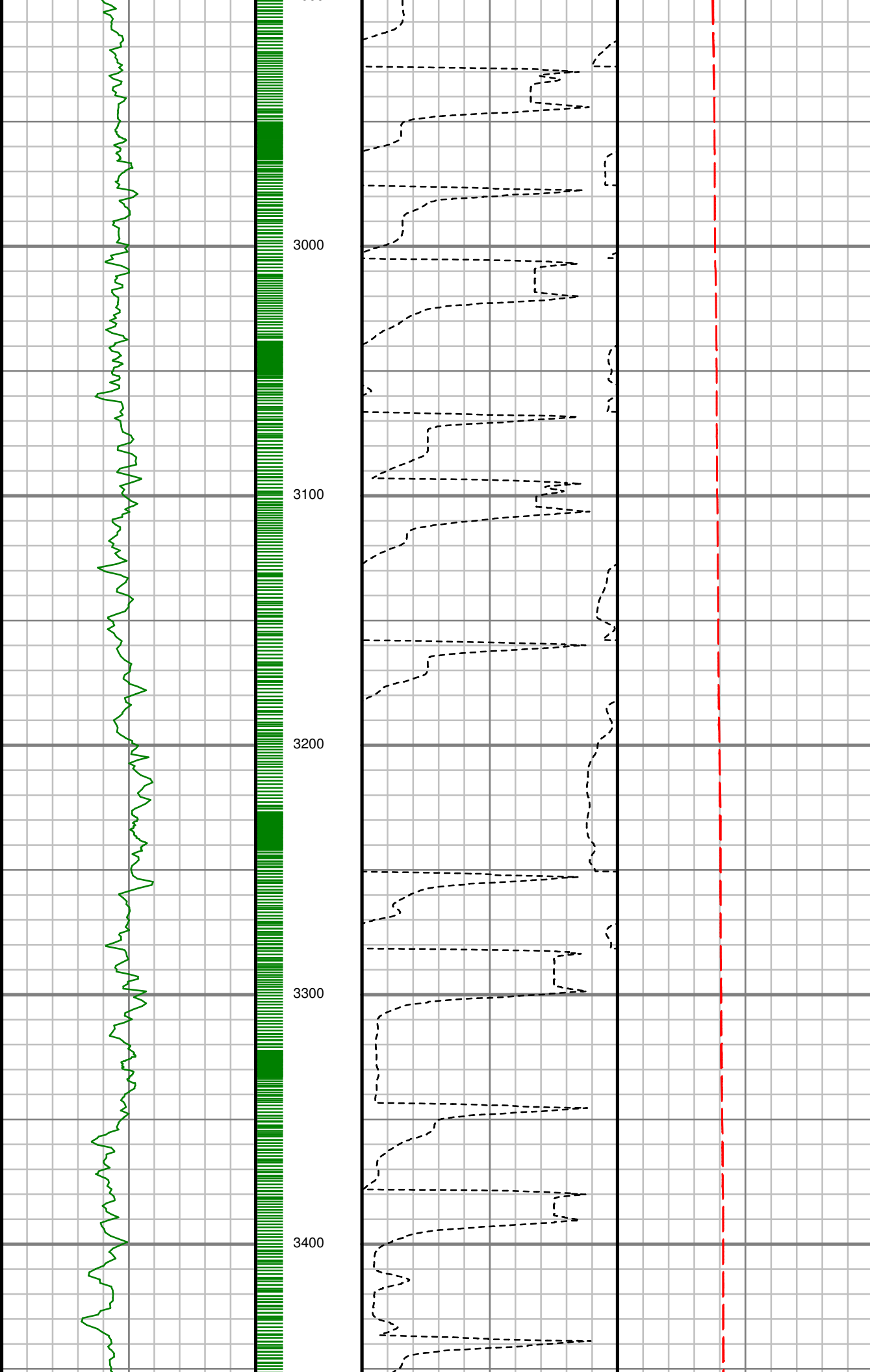
BILL BARRETT CORP.
ANSCHUTZ EQUUS FARMS 3-62-4-2532XCN
WATTENBERG FIELD
WELD COUNTY, COLORADO
05-123-46020

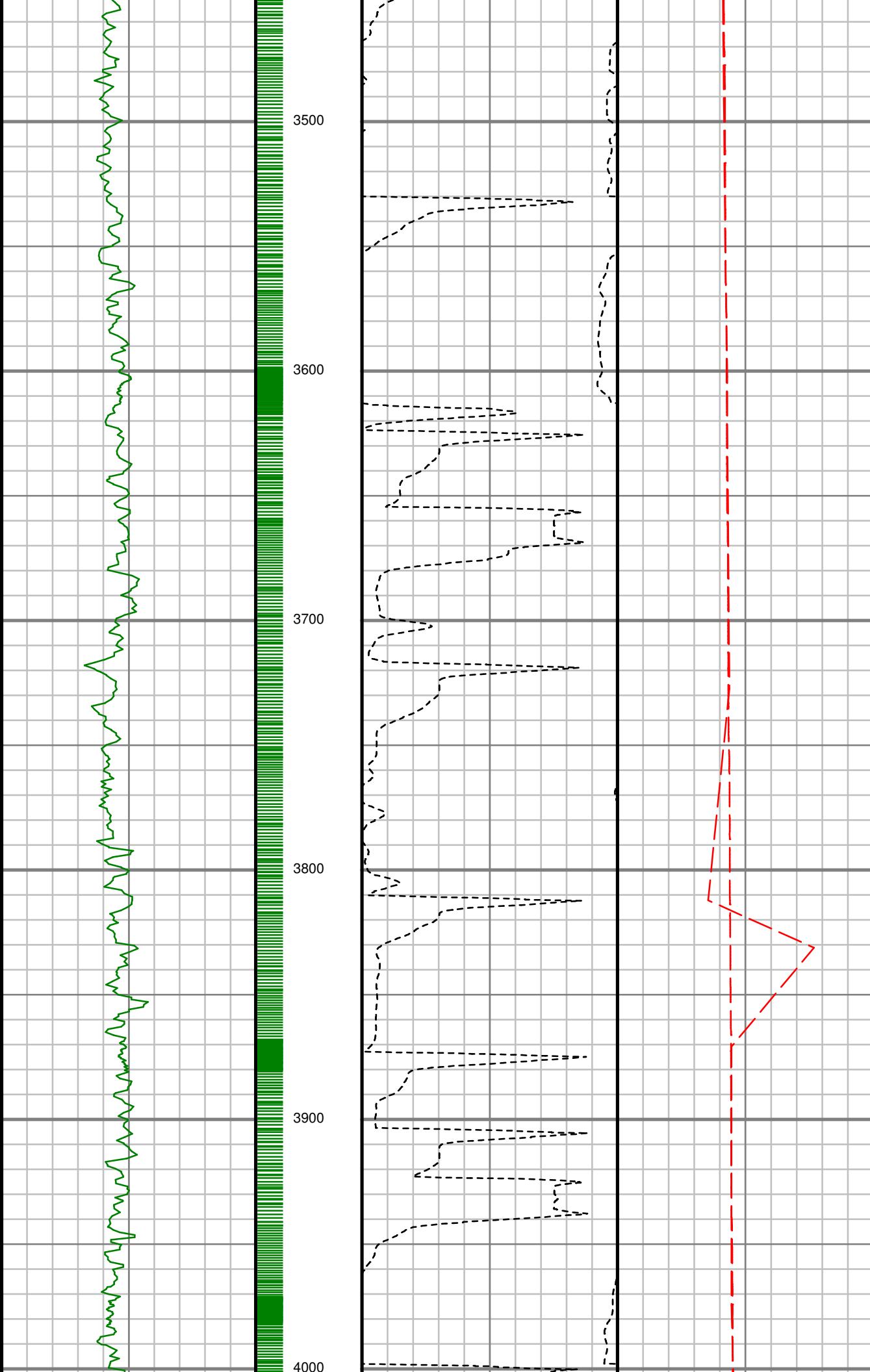






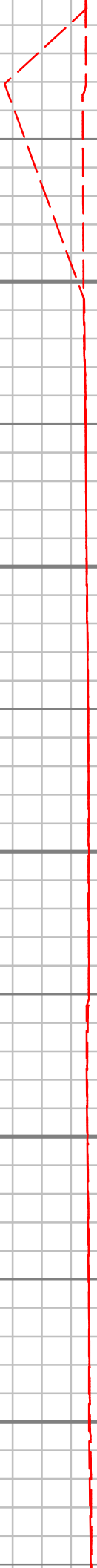
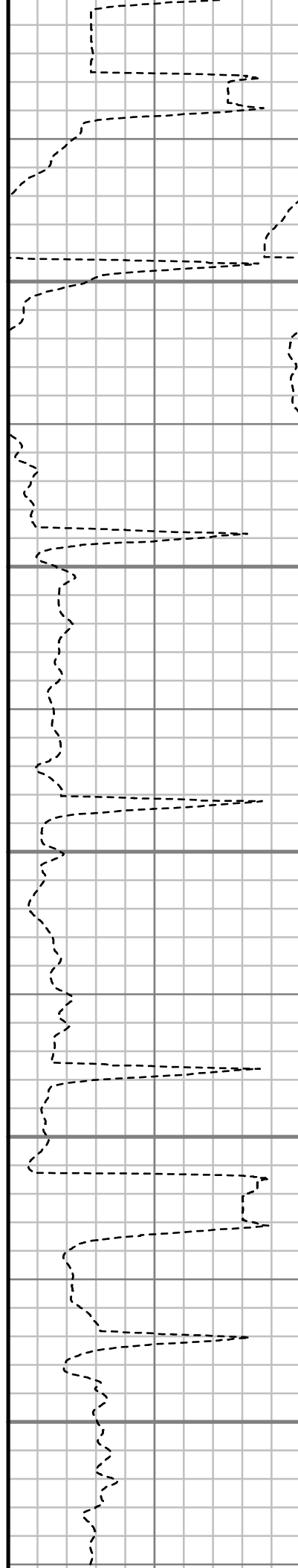


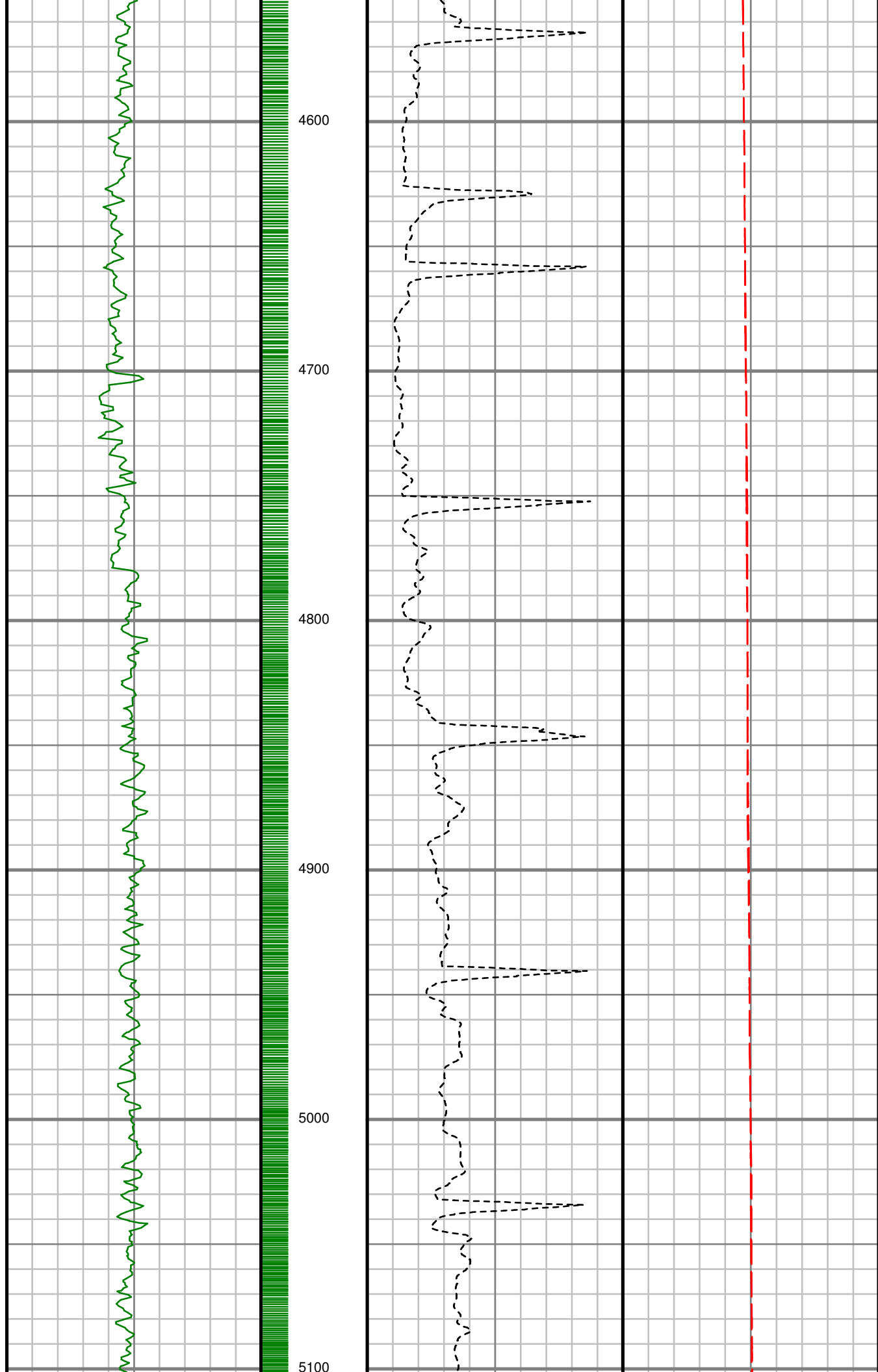


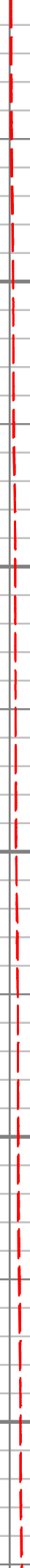
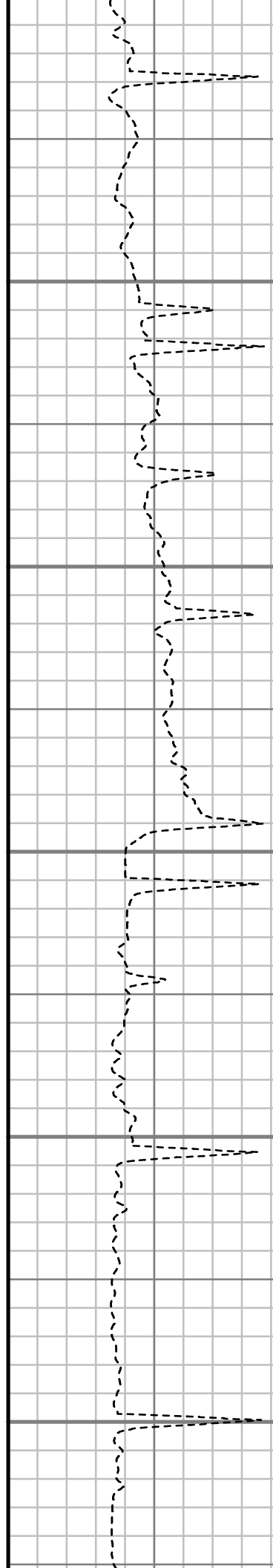
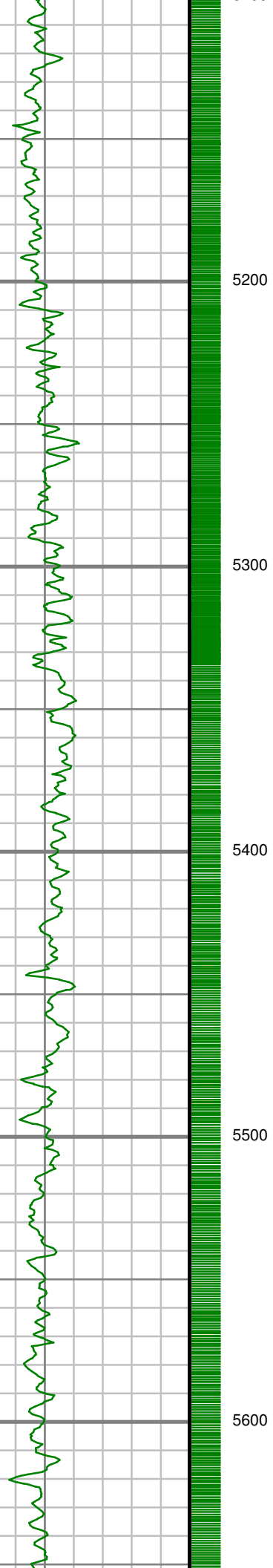


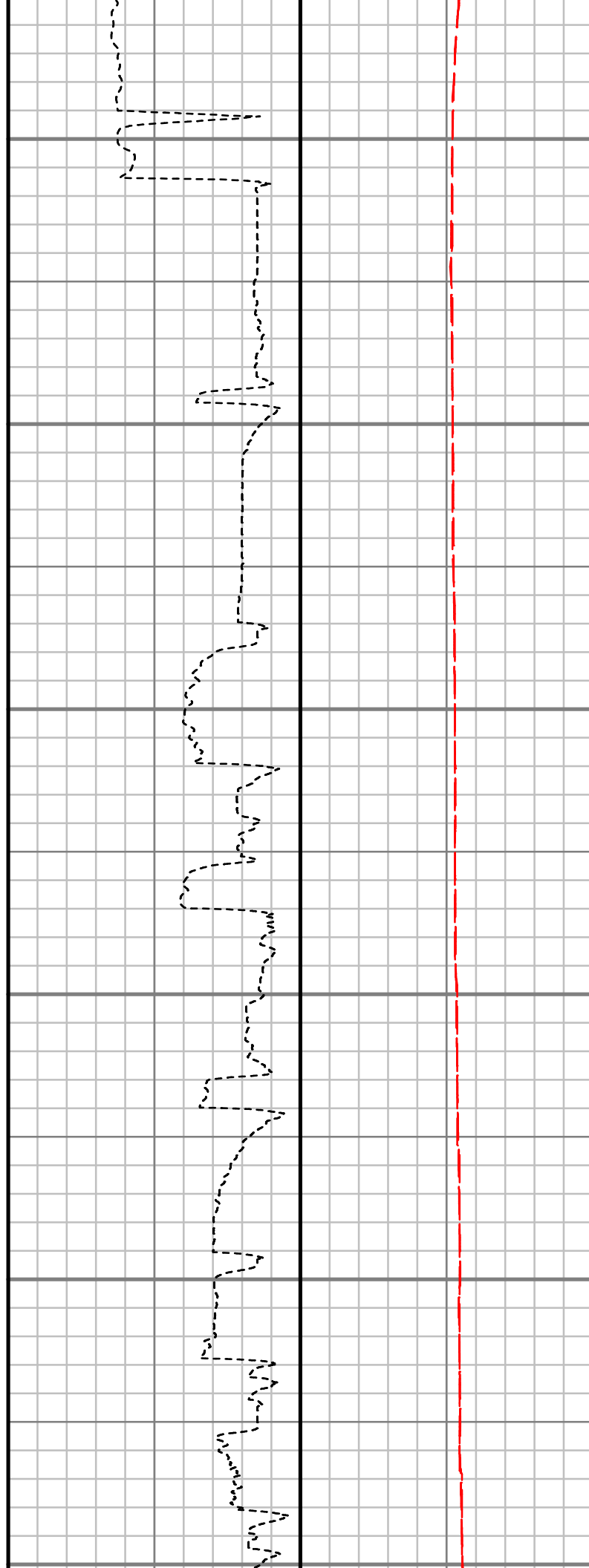
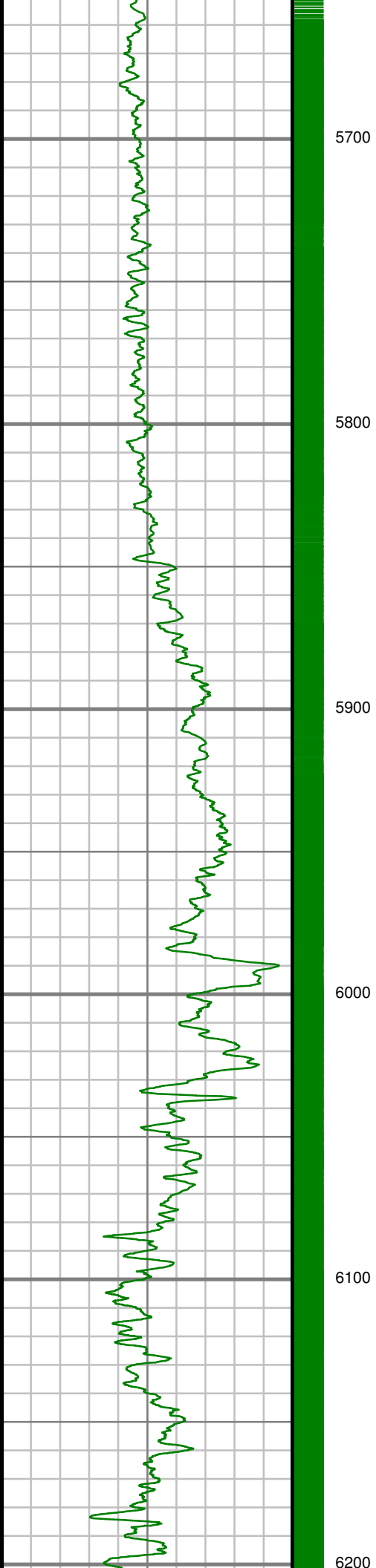


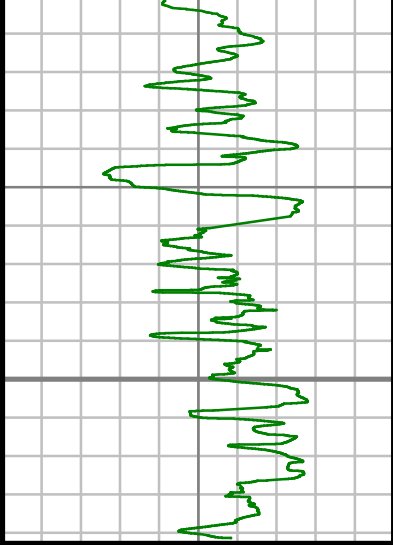
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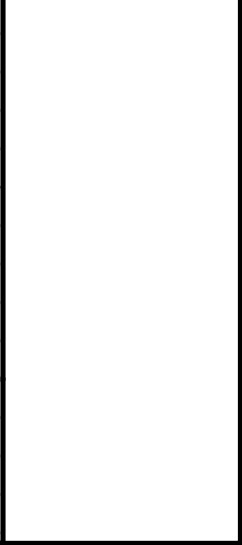
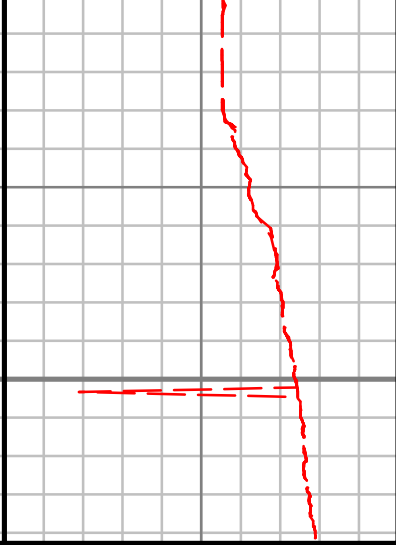
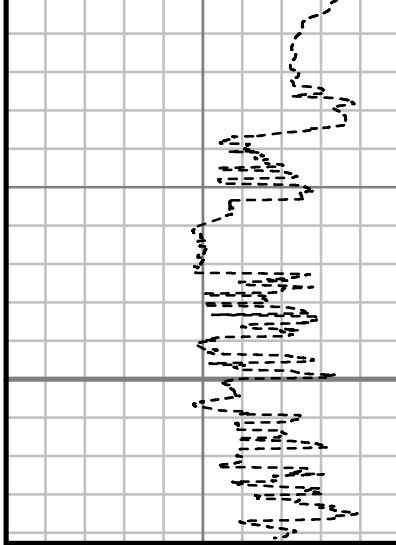






6300

TRUE VERTICAL DEPTH
1:500 (ft)



Gamma Ray (GR)		
0	Unit = aapi	200

Rate of Penetration (ROP)		
1000	Unit = ft/hr	0

Tool Temperature (T-TEMP)		
0	Unit = °F	300
Tool Temperature (T-TEMP)		
0	Unit = °F	300

Comments



GAMMA RAY

2" = 100' TVD