

PRESSURE - TEMP
SURVEY

Company		HOLLY FRONTIER - NAVAJO REFINING	
Well		WDW - 4	
Field		ARTESIA PLANT	
County		EDDY	
State		NM	
Location:		API # : 30-015-44677	
LAT: 32.816014 N		LONG: 104.249946 W	
LOT N 1217' FROM SOUTH LINE		AND 2443' FROM WEST LINE	
SEC TWP RGE		GROUND LEVEL Elevation 3564.9'	
Permanent Datum		20' KB	
Log Measured From		KELLY BUSHING	
Drilling Measured From		Elevation	
		K.B. 3584.9'	
		D.F. 3583.9'	
		G.L. 3564.9'	
Date		AUGUST 14, 2014	
Run Number		ONE	
Depth Driller		10.700'	
Depth Logger		10.333'	
Bottom Logged Interval		10.332'	
Top Log Interval		10.050'	
Open Hole Size		N/A	
Type Fluid		H2O	
Density / Viscosity		N/A	
Max. Recorded Temp.		159 DEG F	
Estimated Cement Top		N/A	
Time Well Ready		TOA	
Time Logger on Bottom		10.00 AM	
Equipment Number		TRK #48	
Location		LEVELLAND	
Recorded By		CHANCE JORDAN	
Witnessed By		WES ROMERO	
Borehole Record		Tubing Record	
Run Number		Bit	
From		To	
Size		Weight	
7"		26#	
From		To	
10.264'			
Casing Record		Size	
Surface String		13.375"	
Prot. String		9.625"	
Production String		47#	
Liner			

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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

THIS LOG IS SET TO REPORTED CASING SHOE DEPTH.

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD (GOI) Standard Cable Head	1.02	1.42	10.00

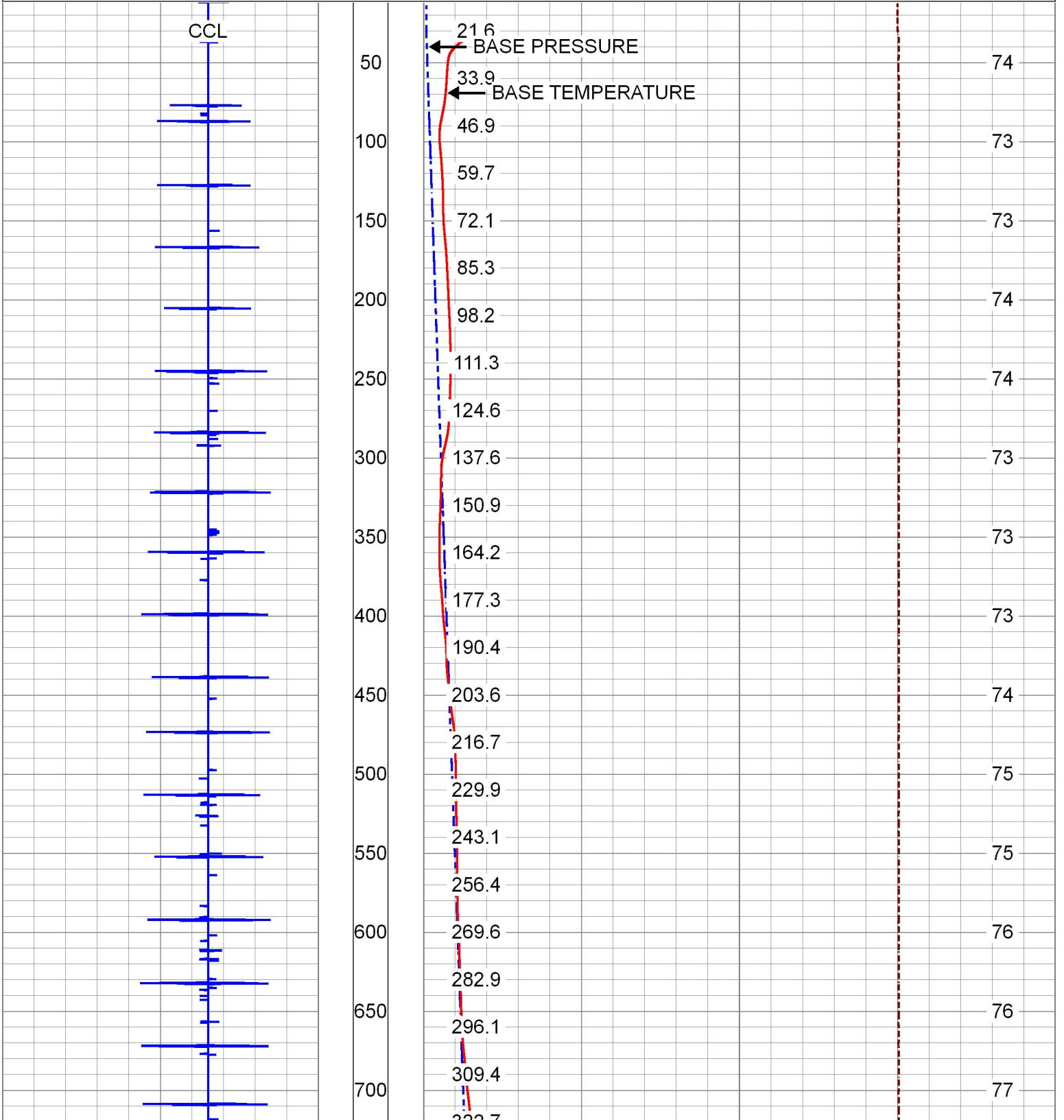
				7' 1.375" Sinker Bar-1_375 Sinker bar Tungsten Weight Bar	7.00	1.38	54.00
				5' 1.375" Sinker Bar-Steel 5' Steel 1.375" Sinker Bar	5.00	1.38	22.00
CCL	3.53			CCL-1.375_Titan (007) Titan 1 3/8" 500 Deg. F. Pos/Neg Logging CCL	2.10	1.38	7.50
				4GTEL_PT-A (16-023) 4G Wireline Pressure/Temperature	2.83	1.38	
PRES	0.67						
TEMP	0.13						
Dataset: wsp-wdw#4.db: ARTESIA/4/4GPRESS/pass1 Total length: 17.95 ft Total weight: 93.50 lb O.D.: 1.42 in							

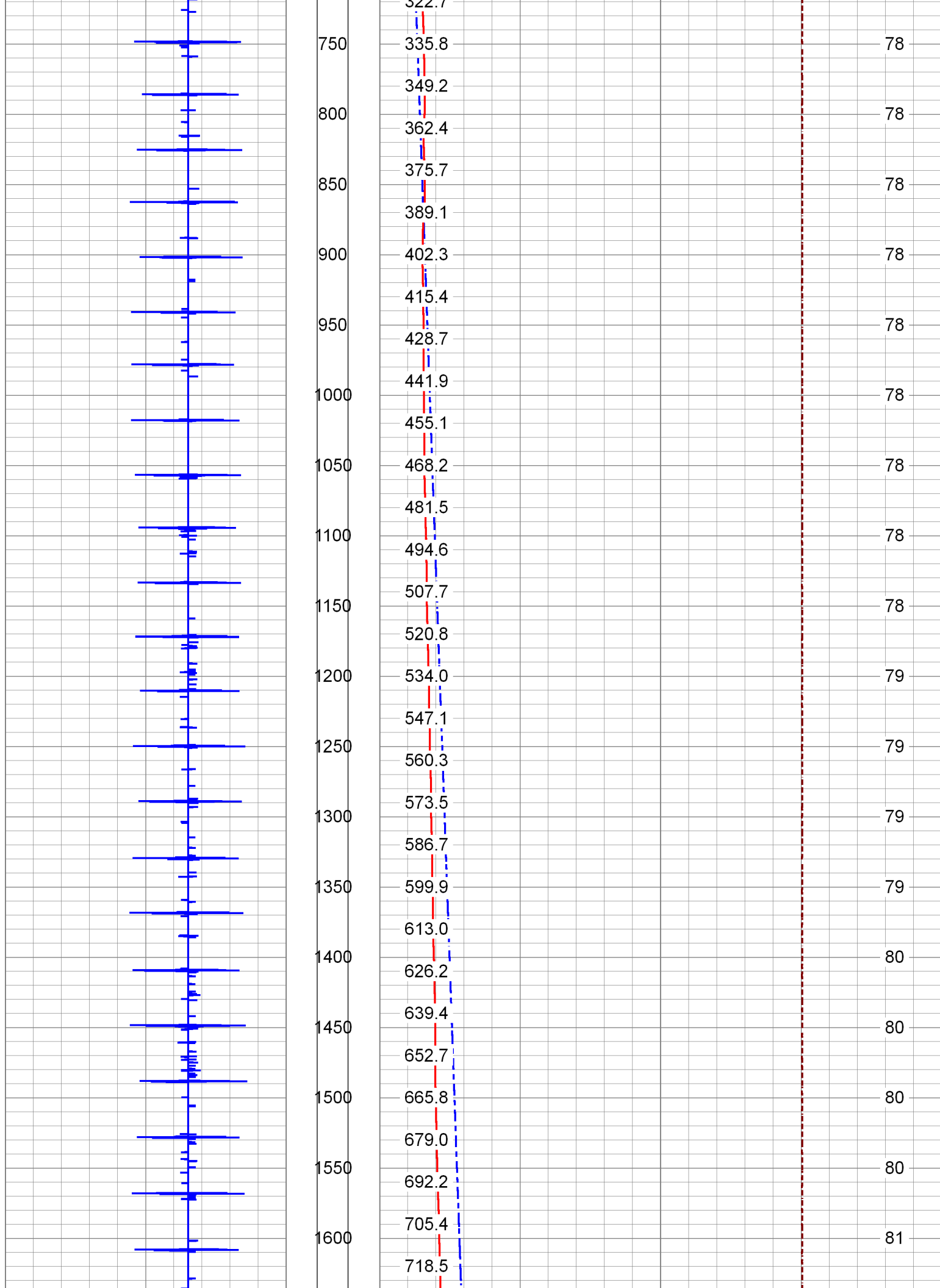


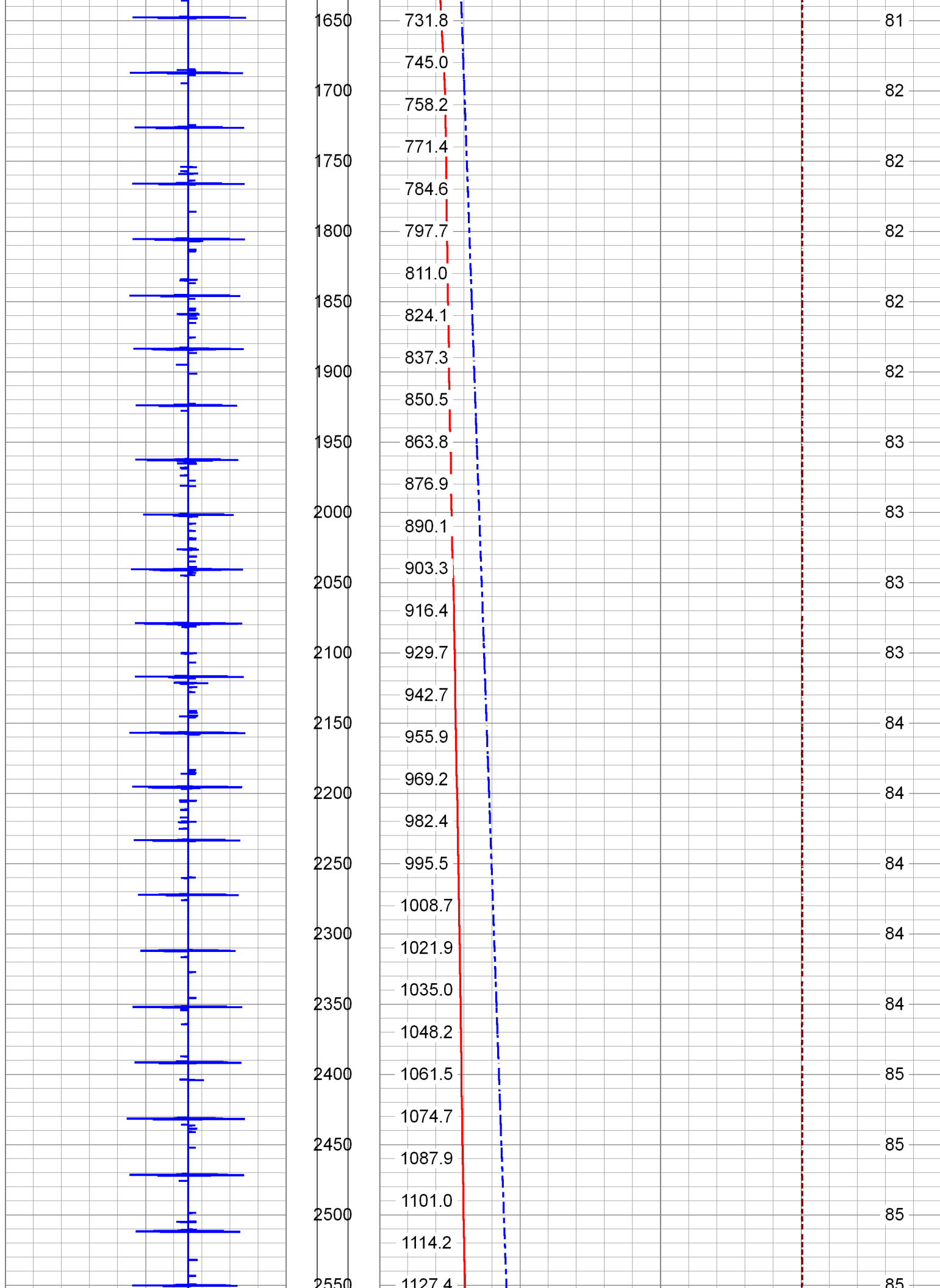
BASE PRESSURE SURVEY

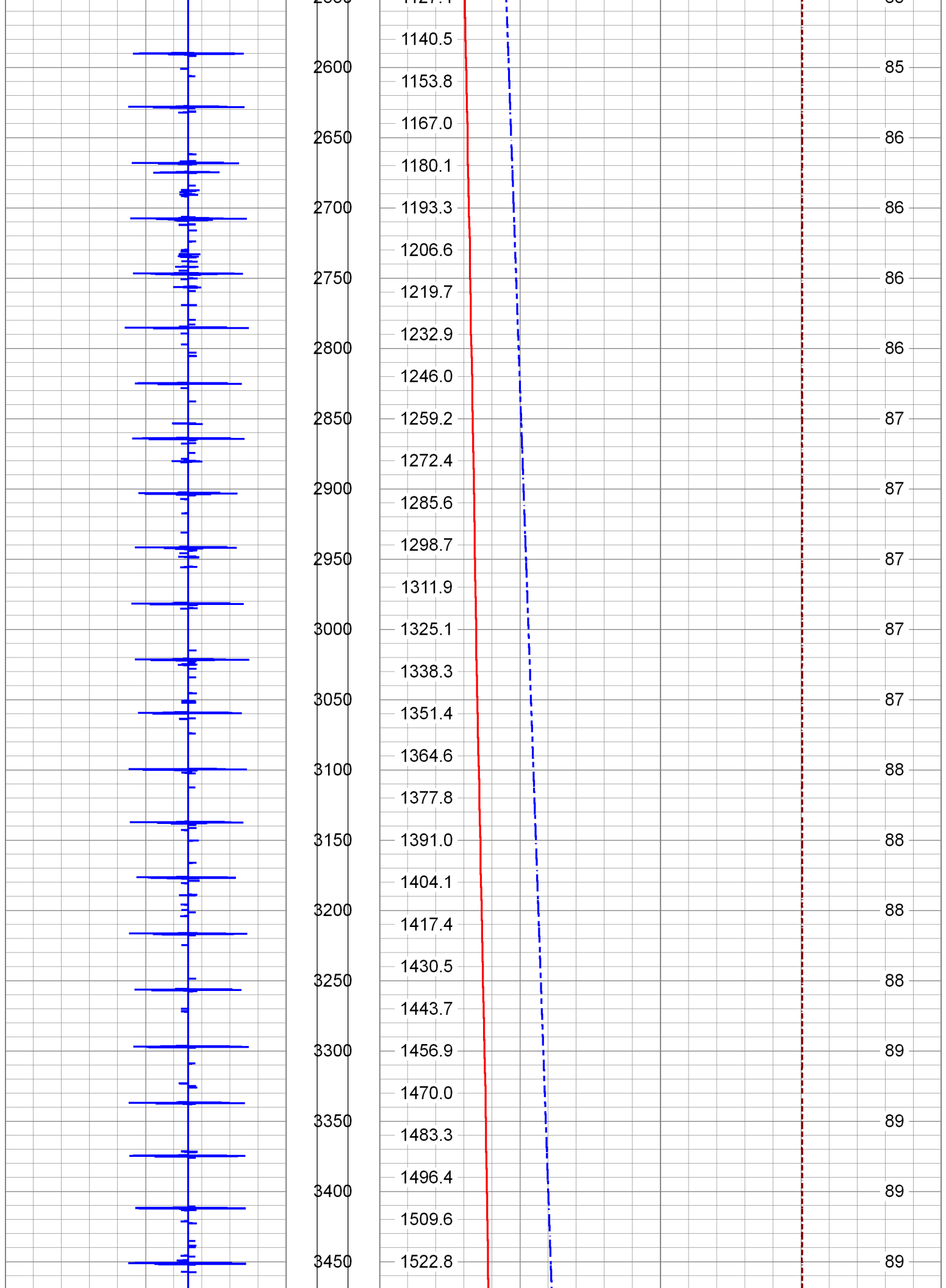
Database File c:\users\renegade\desktop\wsp-wdw#4.db
 Dataset Pathname ARTESIA/4/4GPRESS/pass1
 Presentation Format 4gtp
 Dataset Creation Tue Aug 14 10:32:18 2018
 Charted by Depth in Feet scaled 1:1000

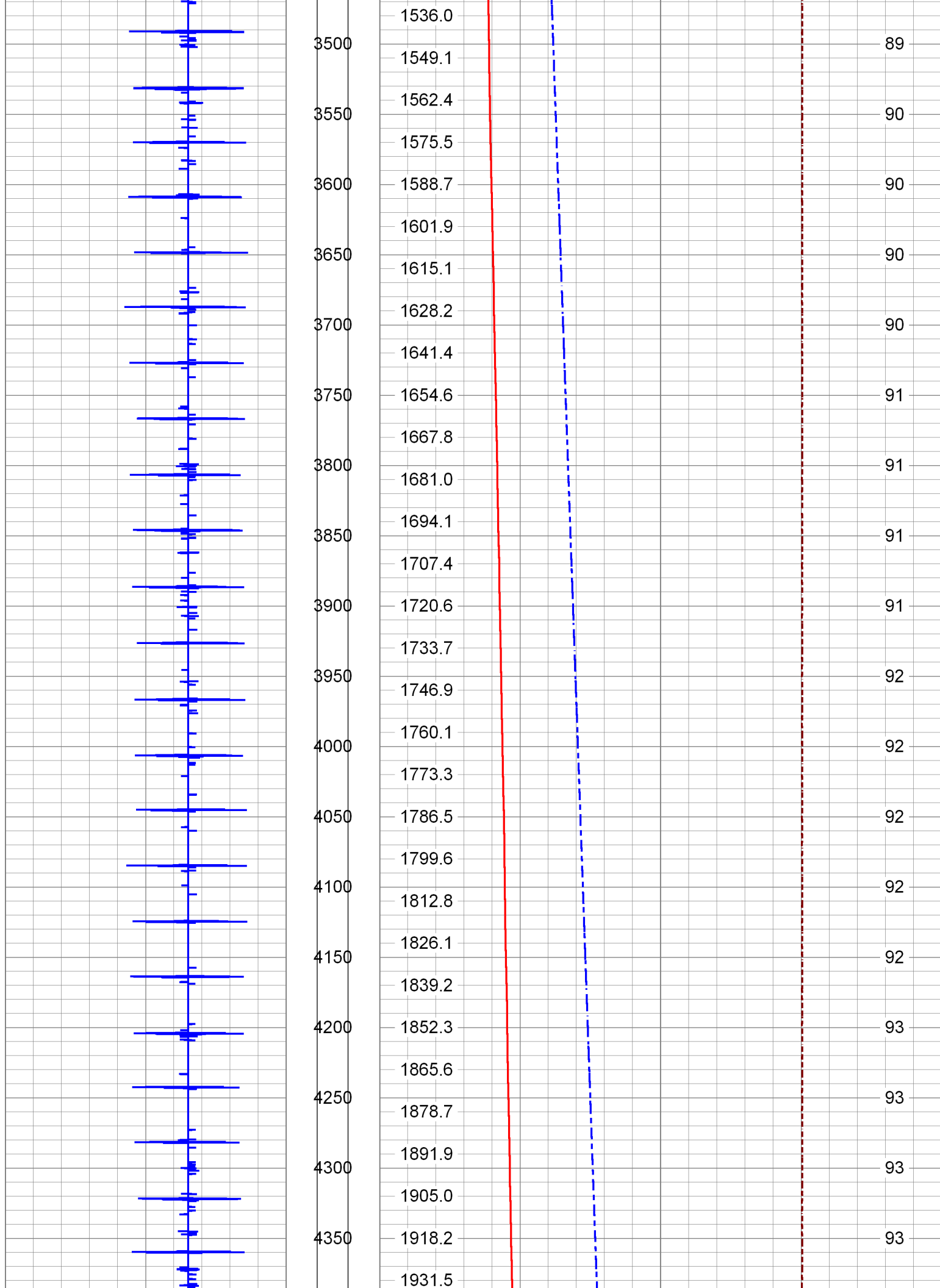
-15	CCL	8	0	BASE PRESSURE (psi)		5000
			70	BASE TEMPERATURE (degF)		170
			PRES	-50	DPRES (psi/ft)	50
			(psi)			TEMP
						(degF)

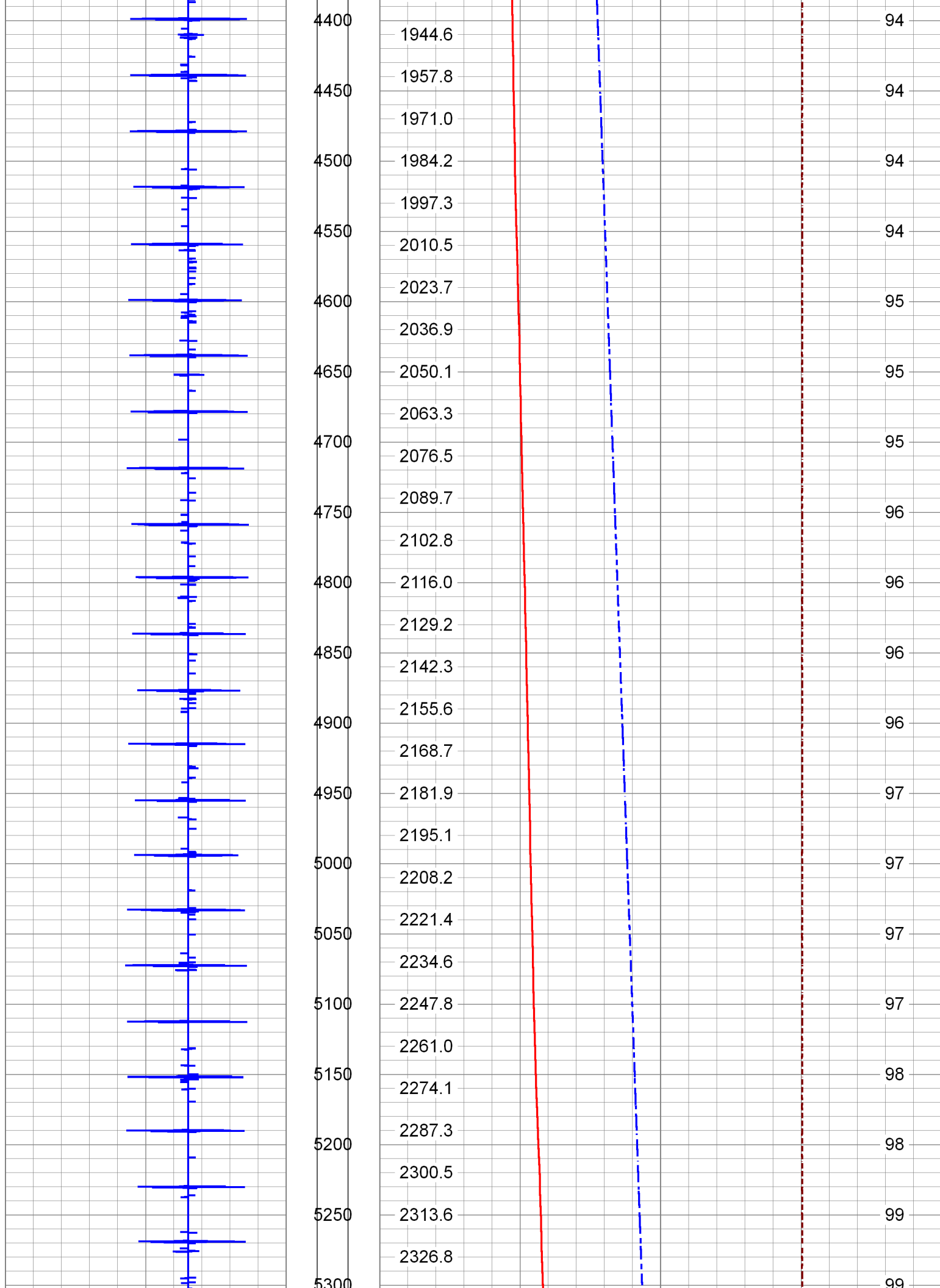


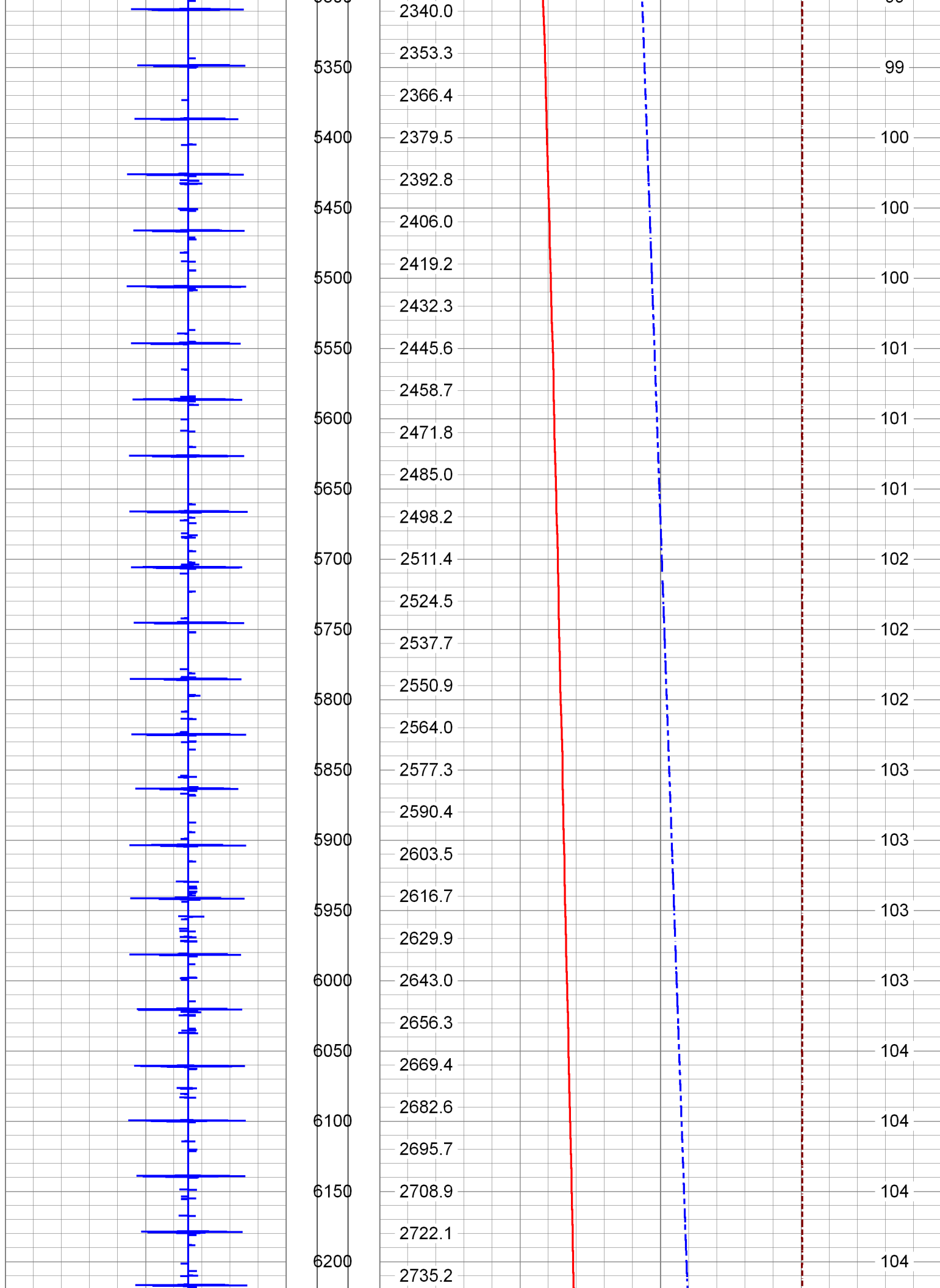


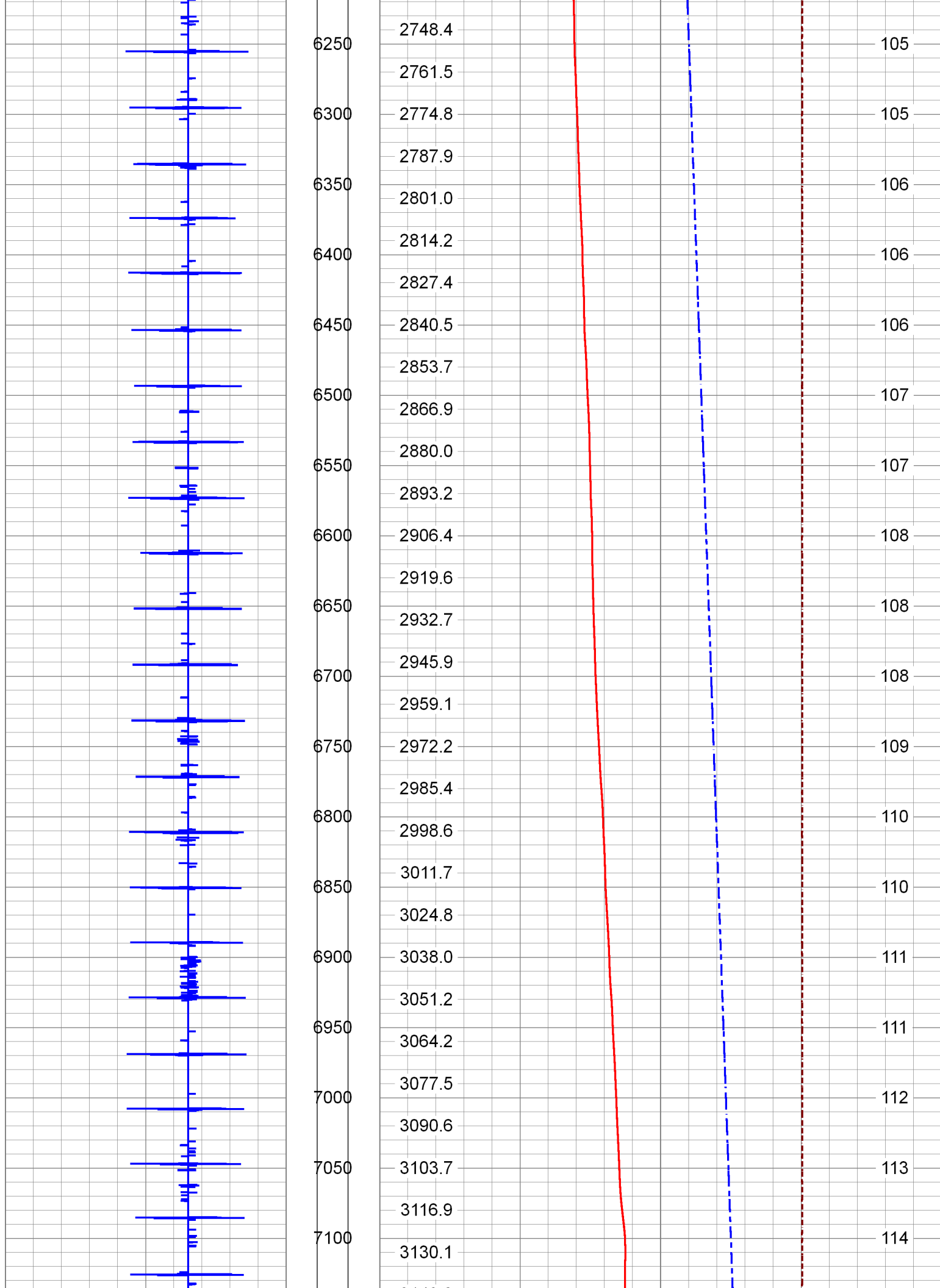


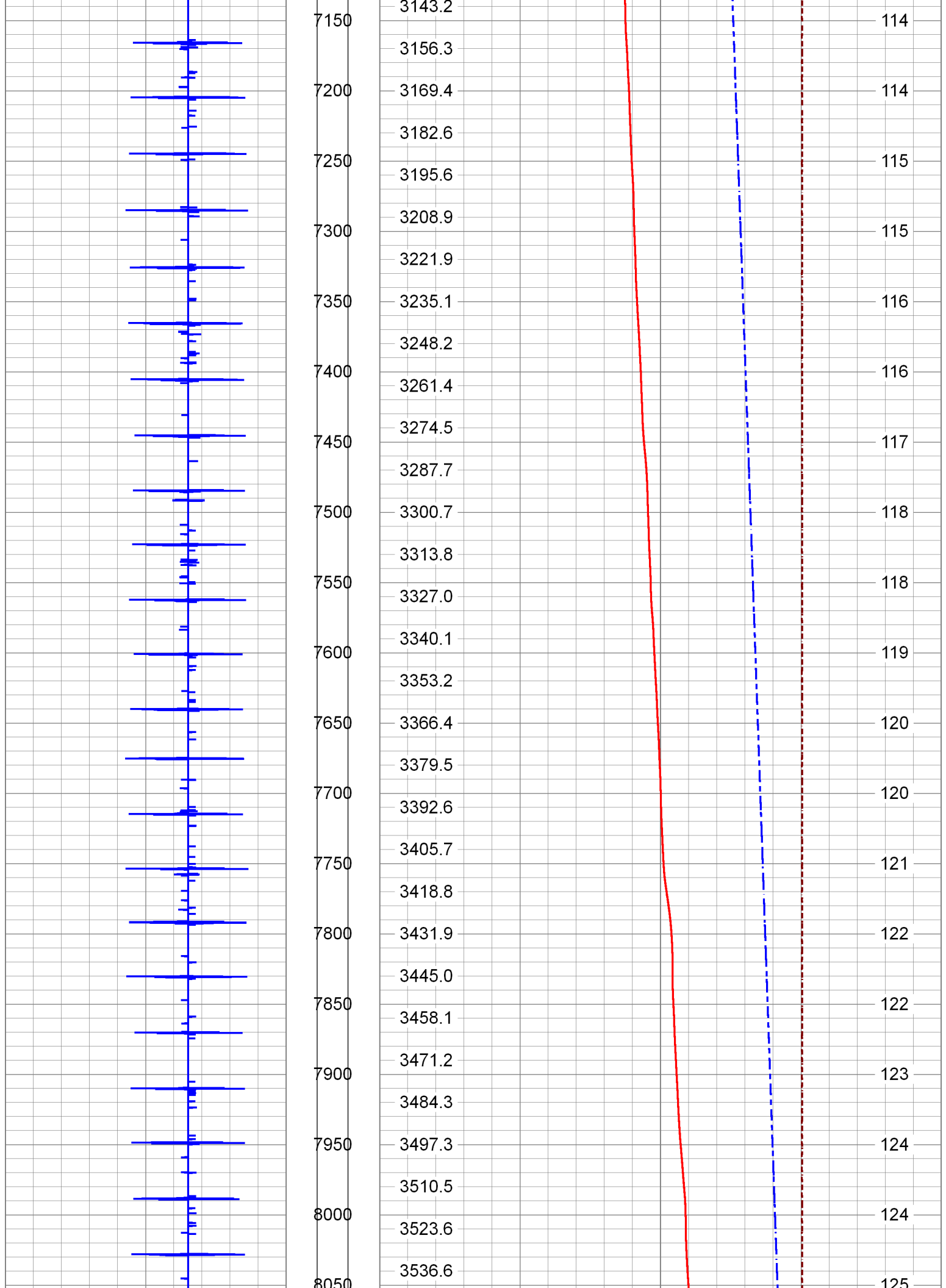


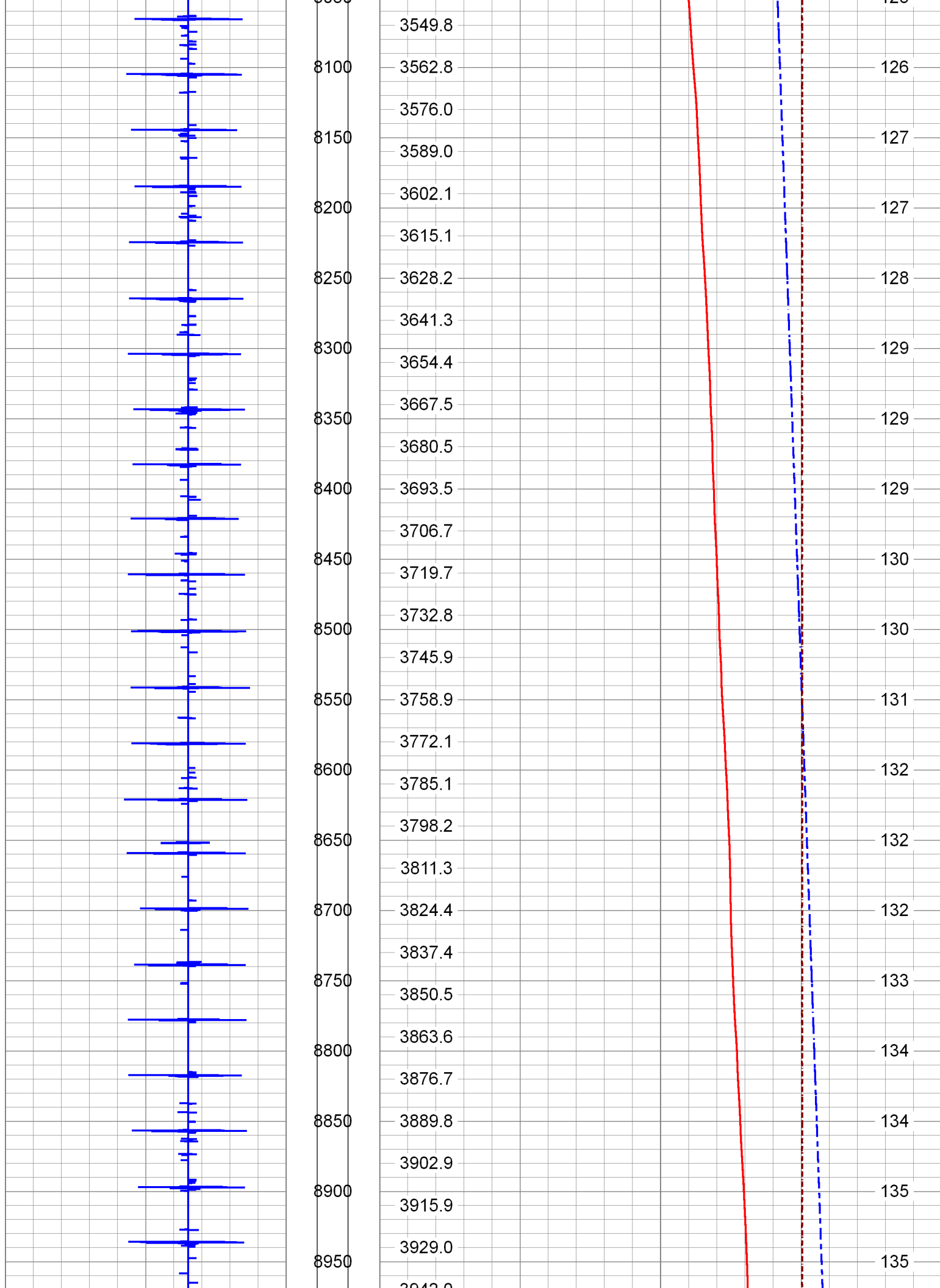


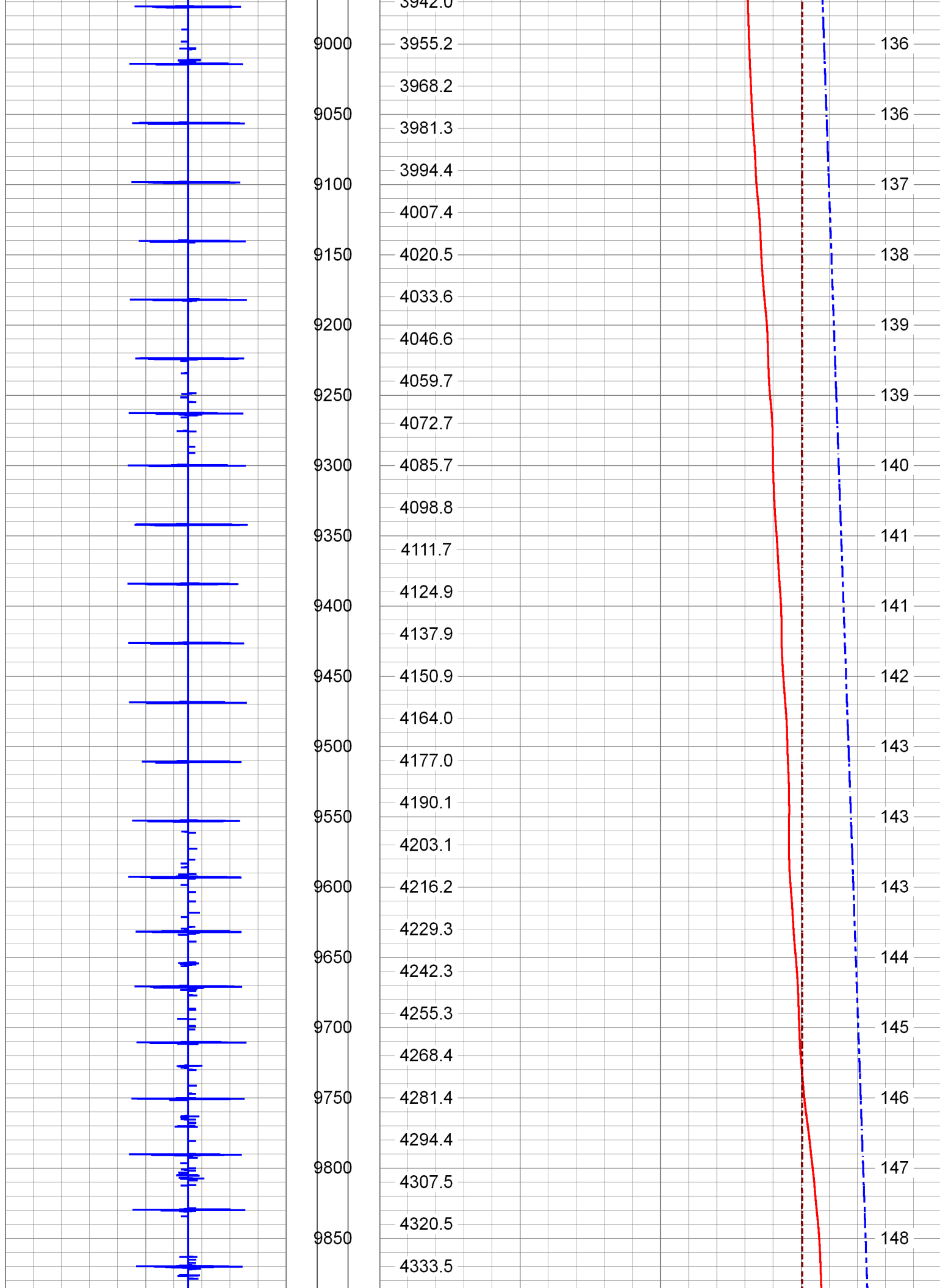


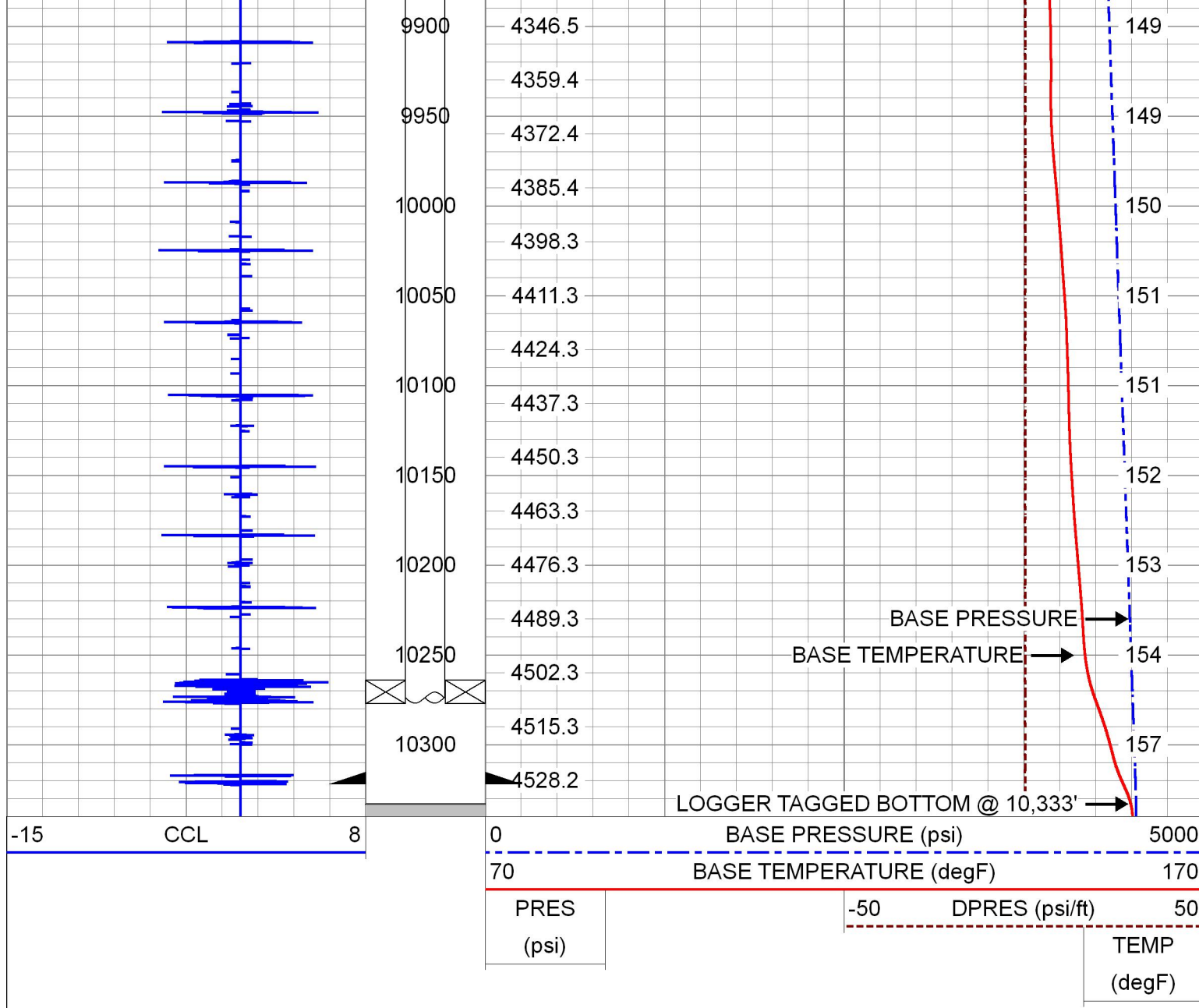






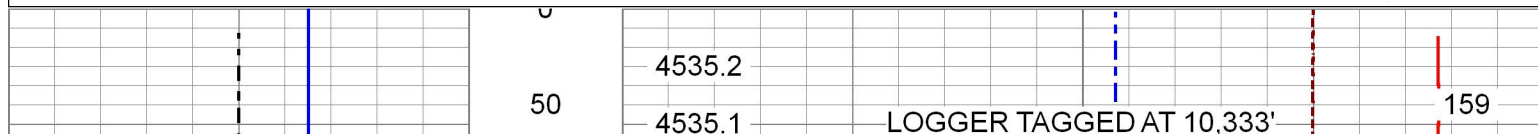
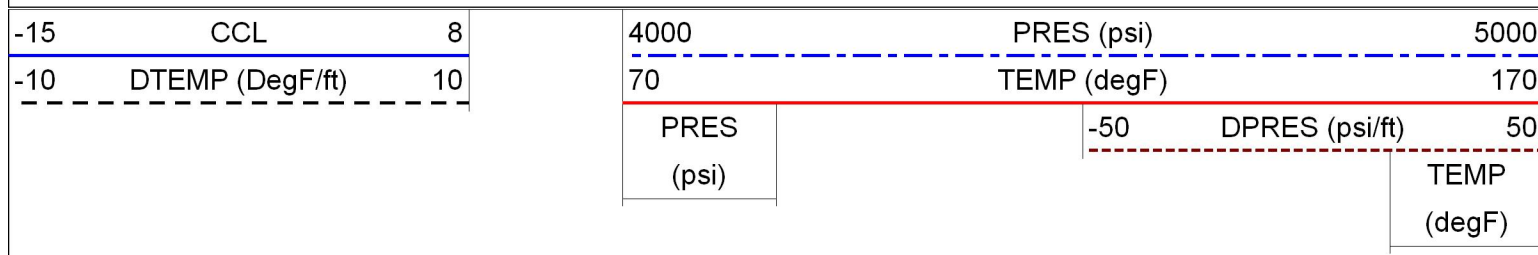


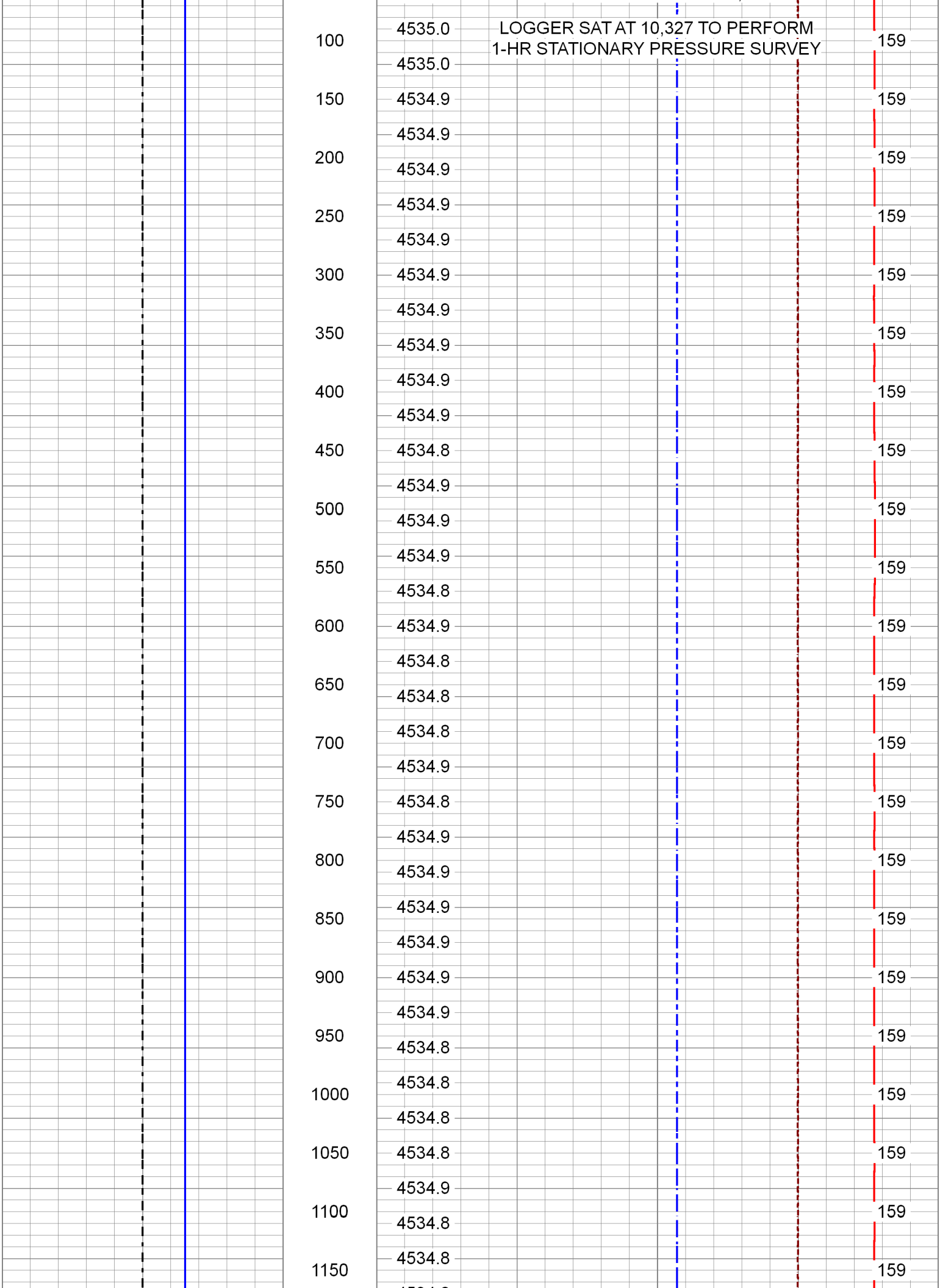




1-HR STATIONARY PRESS

Database File c:\users\renegade\desktop\wsp-wdw#4.db
 Dataset Pathname ARTESIA/4/STATPRESS/pass1
 Presentation Format 4gtp
 Dataset Creation Tue Aug 14 13:03:59 2018
 Charted by Time scaled 36/hour





Time (s)	Temperature (°C)	Pressure (kPa)	Humidity (%)
1200	4534.8	159	
	4534.8		
1250	4534.8	159	
	4534.8		
1300	4534.9	158	
	4534.8		
1350	4534.8	159	
	4534.9		
1400	4534.8	159	
	4534.8		
1450	4534.8	159	
	4534.8		
1500	4534.8	159	
	4534.8		
1550	4534.8	159	
	4534.8		
1600	4534.8	159	
	4534.8		
1650	4534.8	159	
	4534.8		
1700	4534.8	159	
	4534.8		
1750	4534.8	159	
	4534.8		
1800	4534.8	159	
	4534.8		
1850	4534.8	159	
	4534.8		
1900	4534.8	159	
	4534.8		
1950	4534.8	159	
	4534.8		
2000	4534.8	159	
	4534.8		
2050	4534.8	159	
	4534.8		
2100	4534.7	159	
	4534.8		
2150	4534.8	159	
	4534.8		
2200	4534.8	159	
	4534.7		
2250	4534.8	159	

Altitude (m)	Temperature (°C)	Humidity (%)	Pressure (hPa)
2300	4534.7	159	
	4534.7		
2350	4534.7	159	
	4534.7		
2400	4534.7	159	
	4534.7		
2450	4534.7	159	
	4534.7		
2500	4534.8	159	
	4534.8		
2550	4534.7	159	
	4534.7		
2600	4534.8	159	
	4534.7		
2650	4534.7	159	
	4534.7		
2700	4534.8	159	
	4534.8		
2750	4534.8	159	
	4534.7		
2800	4534.7	159	
	4534.7		
2850	4534.7	159	
	4534.7		
2900	4534.7	159	
	4534.7		
2950	4534.7	159	
	4534.7		
3000	4534.7	159	
	4534.7		
3050	4534.7	159	
	4534.7		
3100	4534.7	159	
	4534.7		
3150	4534.7	159	
	4534.7		
3200	4534.7	158	
	4534.7		
3250	4534.7	159	
	4534.7		
3300	4534.7	159	
	4534.7		
3350	4534.7	159	

