

		(in)		(in)		(ft)	(ft)	(ft)	(ft)			(h)
1	1	8.500	PDC	6.00	Steerable	2286.00	7291.00	2286.00	7331.00	2017-08-19 09:31	2017-08-20 03:02	17.98

Crew

Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite	Name	Arrive Wellsite	Depart Wellsite
Brent Cass	2017-08-17	2017-08-20						

Mud Properties Record

Date / Time	Run No.	Measured Depth (ft)	Mud Type	Density (ppg)	Viscosity (cP)	pH	Fluid Loss (cm3)	Oil / Water	Source	Total Chlorides (ppm)	K+ (%)
2017-08-19 02:46	1	2286.00	Oil Based Mud	9.7	22	N/A	4.6	60.8/39.2	Active Pit	73000	0.00

Mud Resistivity Record

Date / Time	Run No.	Measured Depth (ft)	Surface Temp (degF)	Surface				Downhole			
				Rm (ohm.m)	Rmf (ohm.m)	Rmc (ohm.m)	BHCT (degF)	Rm @ BHCT (ohm.m)	Rmf @ BHCT (ohm.m)	Rmc @ BHCT (ohm.m)	
2017-08-19 02:48	1	2286.00	72.0	100.000	N/A	N/A	72.0	100.000	N/A	N/A	

Equipment and Service Data

Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
1	OnTrak	11735984	Pressure	1.10	38.94	6.750	0.000
1	OnTrak	11735984	Gamma (double)	1.99	39.83	6.750	0.000
1	OnTrak	11735984	Resistivity (4tx)	6.03	43.87	6.750	0.000
1	OnTrak	11735984	Directional (mag)	11.82	49.66	6.750	0.000

Service and Tool Mnemonics

Mnemonic	Name	Description
OTK	OnTrak	Sensor Sub (Inc, Azi, Temp, Azimuthal GR, Res, AP, VSS), OnTrak Platform
BCPM	BCPM	Bi-Directional Communication and Power Module, OnTrak Platform

Comments

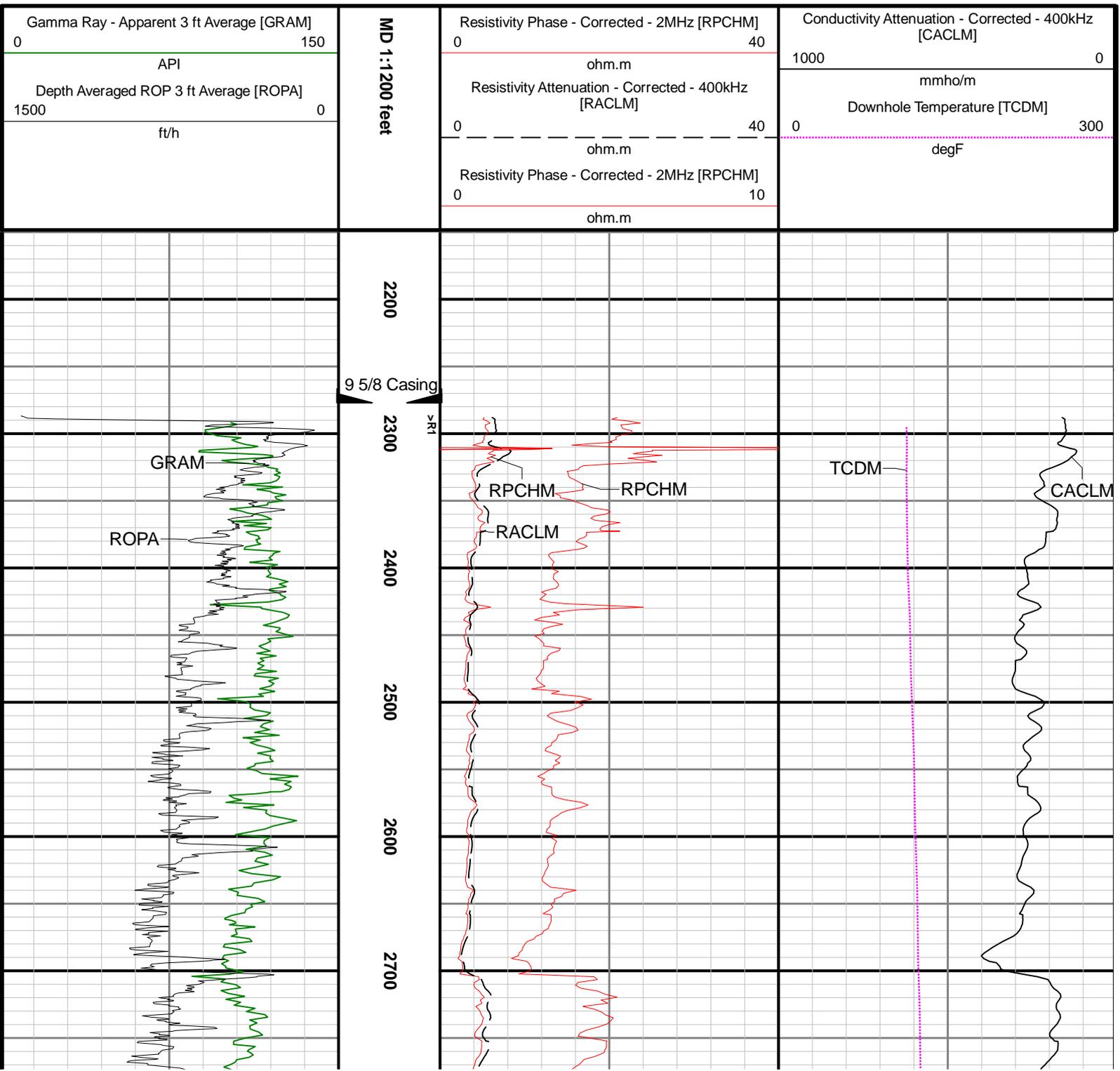
- Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes Drilling Services. Due to the lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified and the unverified depths as supplied to Baker Hughes are being used to present logging data.
- Baker Hughes LWD run 1 utilized 6.750 inch OnTrak services (Multiple Propagation Resistivity, Gamma Ray and Directional) behind an 8.500 inch bit and steerable assembly from 2286 to 7331 feet MD (2286 to 7309 feet TVD).

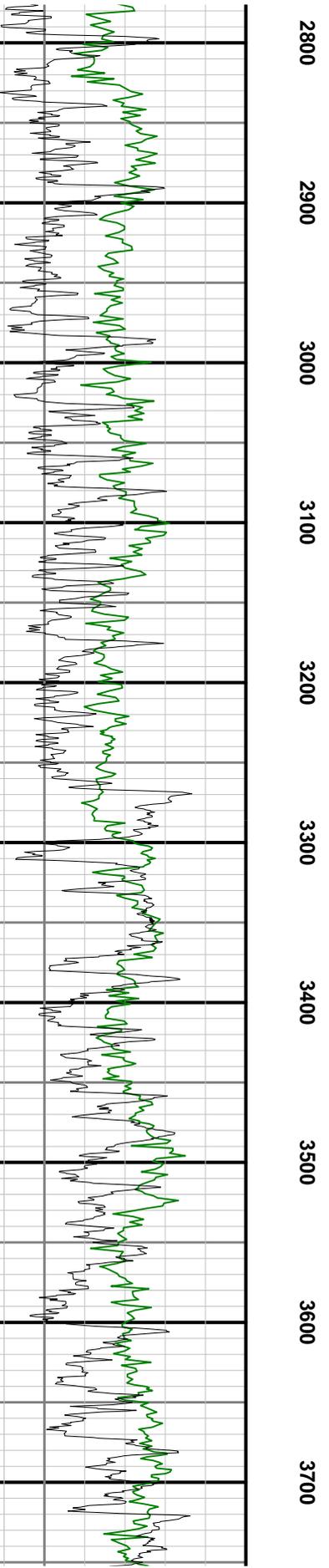
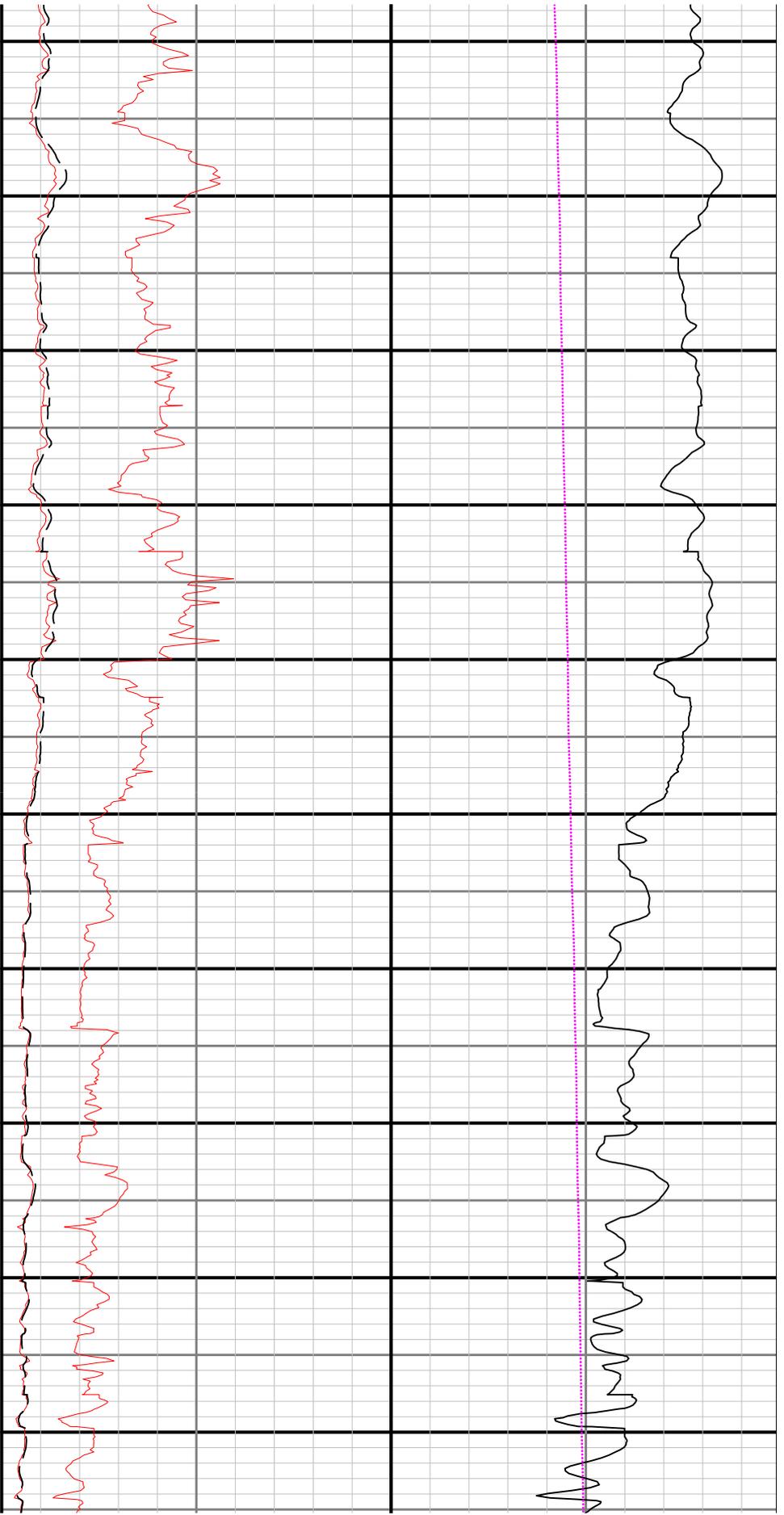
Remarks

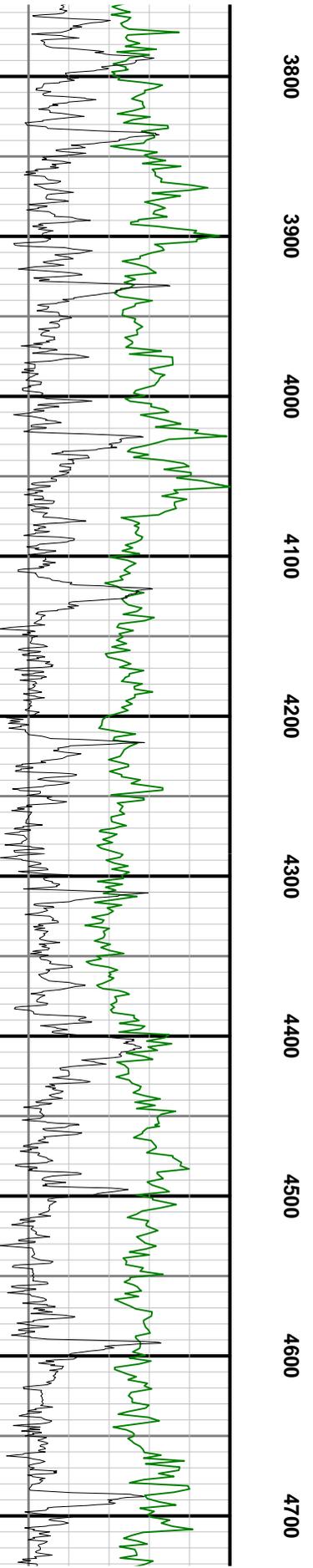
Number	Measured Depth (ft)	Hole Section (in)	Run No.	Remark
1	7300.00	8.500	1	The interval from 7291 to 7331 feet MD (7269 to 7309 feet TVD) was not logged due to the sensor to bit offset at well TD.

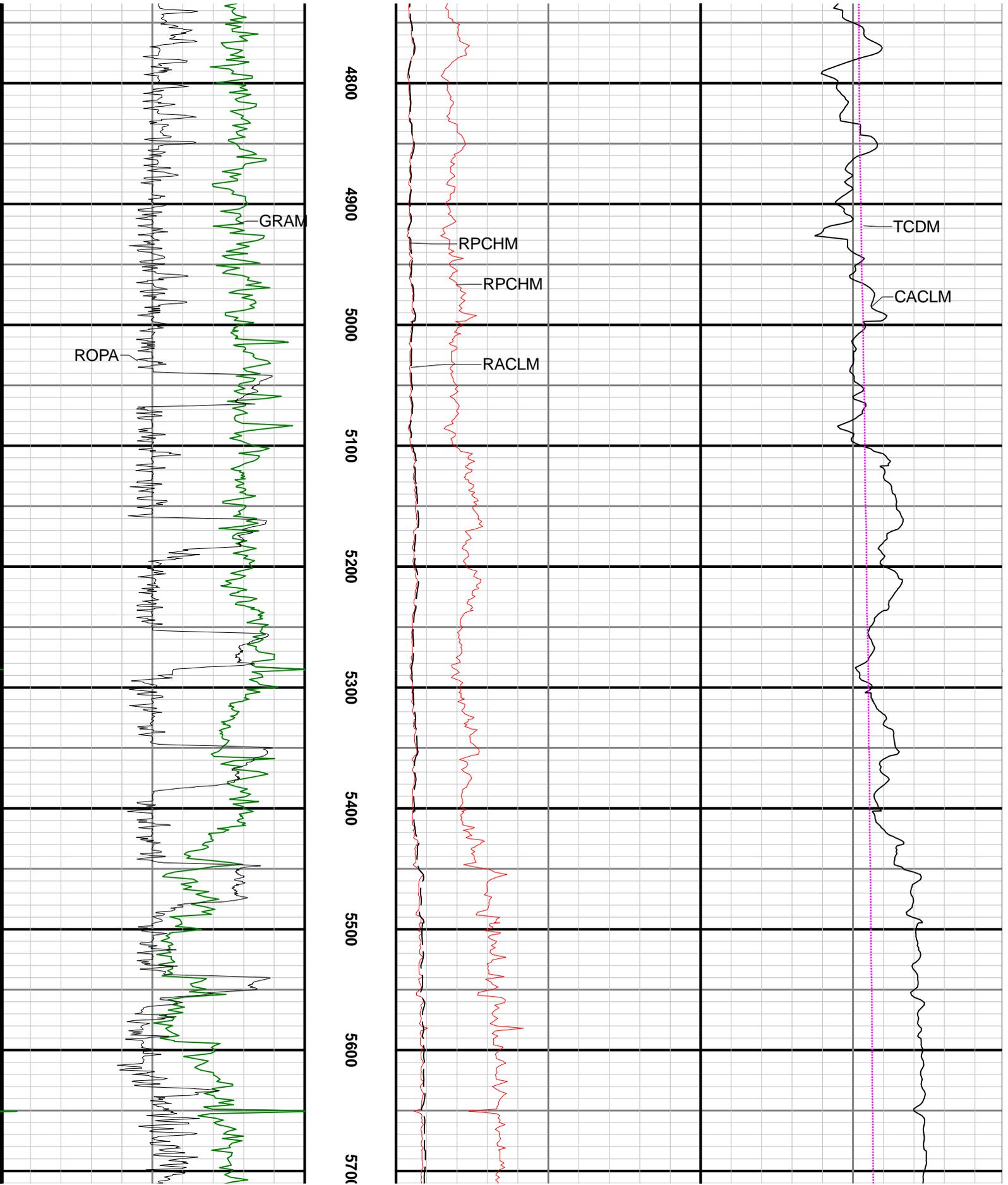
Curve Mnemonics

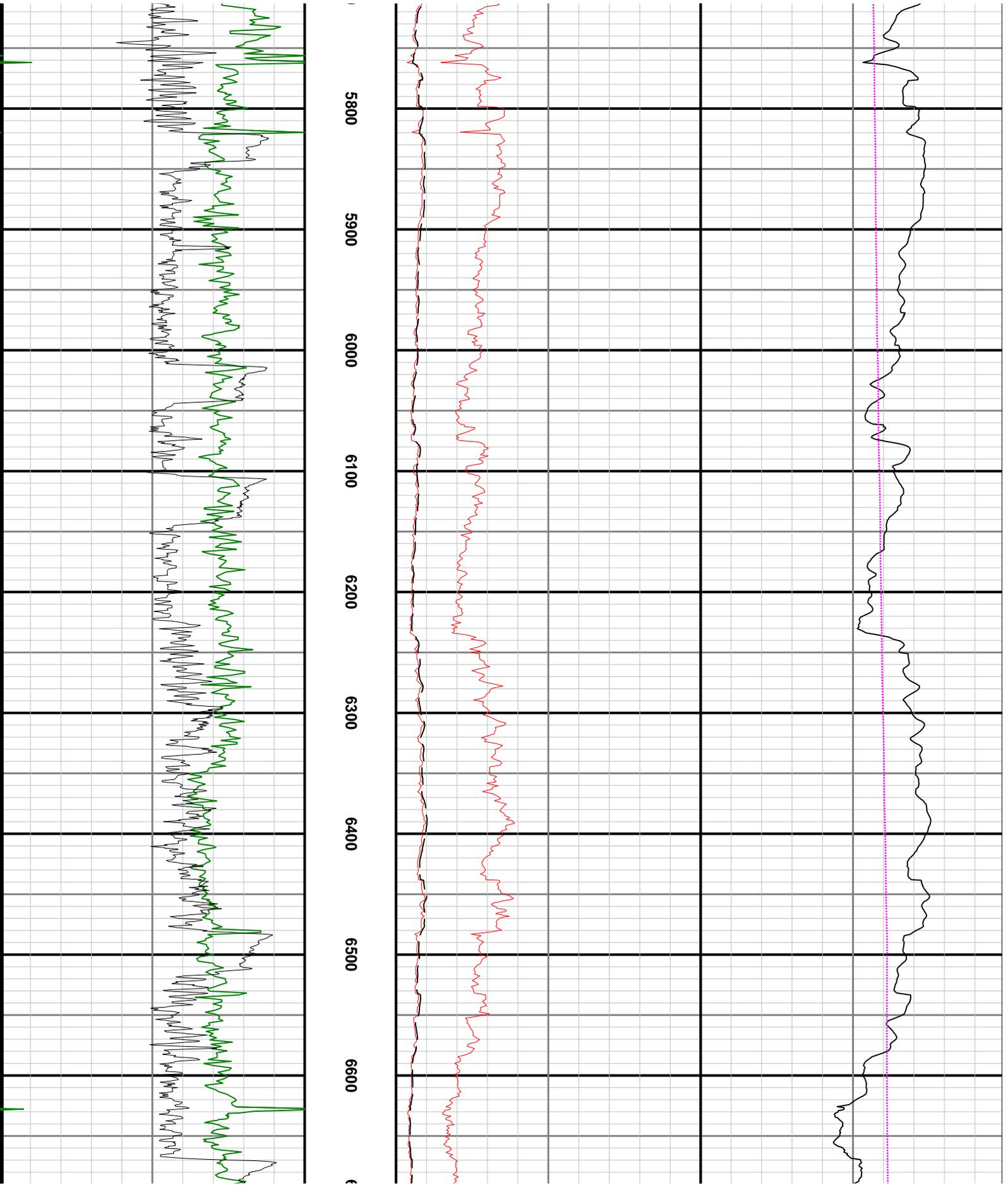
Presented Curves	Description	Units
CACLM	Conductivity Attenuation - Corrected - 400kHz	mmho/m
RACLM	Resistivity Attenuation - Corrected - 400kHz	ohm.m
RPCHM	Resistivity Phase - Corrected - 2MHz	ohm.m
ROPA	Depth Averaged ROP 3 ft Average	ft/h
GRAM	OnTrak - Gamma Ray - Apparent - Memory 3 ft Average	API
TCDM	Downhole Temperature	degF

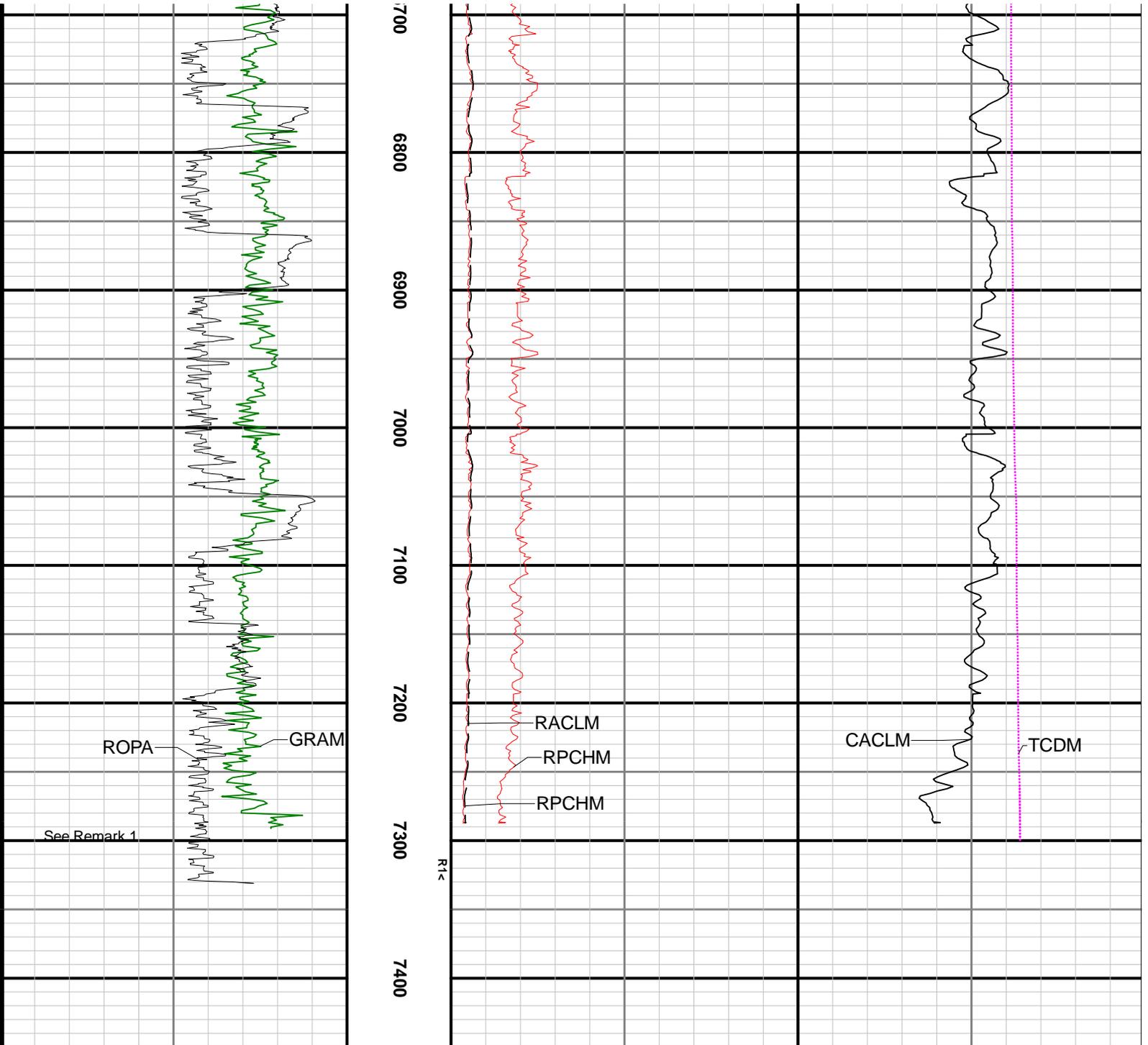












Gamma Ray - Apparent 3 ft Average [GRAM]	0	150
API		
Depth Averaged ROP 3 ft Average [ROPA]	1500	0
ft/h		

MD 1:1200 feet	Resistivity Phase - Corrected - 2MHz [RPCHM]	0	40
	ohm.m		
	Resistivity Attenuation - Corrected - 400kHz [RACLM]	0	40
	ohm.m		
Resistivity Phase - Corrected - 2MHz [RPCHM]	0	10	
ohm.m			

Conductivity Attenuation - Corrected - 400kHz [CACLM]	1000	0
mmho/m		
Downhole Temperature [TCDM]	0	300
degF		