

HALLIBURTON

REPEAT SECTION

COMPANY WELL FIELD/BLOCK COUNTY				RAYDON EXPLORATION, INC. THORP 1-26R KISMET SEWARD			
COMPANY WELL FIELD/BLOCK COUNTY				RAYDON EXPLORATION, INC. THORP 1-26R KISMET SEWARD			
STATE				KANSAS			
Permanent Datum Log measured from Drilling measured from				GL KB KB 11.0 ft above perm. Datum			
Date				12-Jul-18			
Run No.				ONE			
Depth - Driller				5880.0 ft			
Depth - Logger				5873.0 ft			
Bottom - Logged Interval				5864.00 ft			
Top - Logged Interval				5500.00 ft			
Casing - Driller				8.625 in @ 1636.0 ft			
Casing - Logger				1639.0 ft			
Bit Size				7.875 in @			
Type Fluid in Hole				Water Based Mud			
Density				9.1 ppg @ 55.00 s/qt			
PH				10.50 pH @ 7.0 cpm			
Source of Sample				MUDPIT			
Rm @ Meas. Temperature				1.11 ohmm @ 75.00 degF			
Rmf @ Meas. Temperature				0.92 ohmm @ 75.00 degF			
Rmc @ Meas. Temperature				1.27 ohmm @ 75.00 degF			
Source Rmf				MEAS @ MEAS			
Rm @ BHT				0.64 ohmm @ 134.0 degF			
Time Since Circulation				5.0 hr			
Time on Bottom				12-Jul-18 16:00			
Max. Rec. Temperature				134.00 degF @ 5873.0 ft			
Equipment				12147634 EL RENO, OK			
Recorded By				JORGE ORLANDO PEREZ			
Witnessed By				TIM HEDDRICK			

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Service Ticket No.: 904928072						API No.: 15-175-22262-00-00						PGM Version: WL INSITE R5.6.0 (Build 2)											
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE												RESISTIVITY SCALE CHANGES											
Date		Sample No.										Type Log		Depth		Scale Up Hole			Scale Down Hole				
Depth-Driller																							
Type Fluid in Hole																							
Density		Viscosity																					
Ph		Fluid Loss																					
Source of Sample												RESISTIVITY EQUIPMENT DATA											
Rm @ Meas. Temp				@				@				Run No.		Tool Type & No.		Pad Type		Tool Pos.		Other			
Rmf @ Meas. Temp.				@				@				ONE		ACRT		N/A		CENT		N/A			
Rmc @ Meas. Temp.				@				@						I-12109517									
Source Rmf		Rmc										S-12109515											
Rm @ BHT				@				@															
Rmf @ BHT				@				@															
Rmc @ BHT				@				@															
EQUIPMENT DATA																							
GAMMA				ACOUSTIC				DENSITY				NEUTRON											
Run No.		ONE		Run No.		ONE		Run No.		ONE		Run No.		ONE									
Serial No.		11013114		Serial No.		10747686		Serial No.		12153220		Serial No.		10993115									
Model No.		GTET		Model No.		BSAT		Model No.		SDLT		Model No.		DSNT									
Diameter		3.625"		No. of Cent.		2		Diameter		5.5"		Diameter		3.625"									
Detector Model No.		T-102		Spacing		EVEN		Log Type		GAM-GAM		Log Type		NEU-NEU									
Type		SCINT						Source Type		CS137		Source Type		AM241BE									
Length		8"		LSA [Y/N]				Serial No.		5471GW		Serial No.		DSN-424									
Distance to Source		N/A		FWDA [Y/N]				Strength		1.78 Ci		Strength		15.0 Ci									
LOGGING DATA																							
GENERAL				GAMMA		ACOUSTIC				DENSITY				NEUTRON									
Run		Depth		Speed		Scale		Scale		Matrix		Scale		Matrix		Scale		Matrix					
No.		From To		ft/min		L R		L R				L R				L R							
ONE		TD		CSG		REC		0 150		30 -10		47.6 uSec/ft		30 -10		2.71 gr/cc		30 -10					

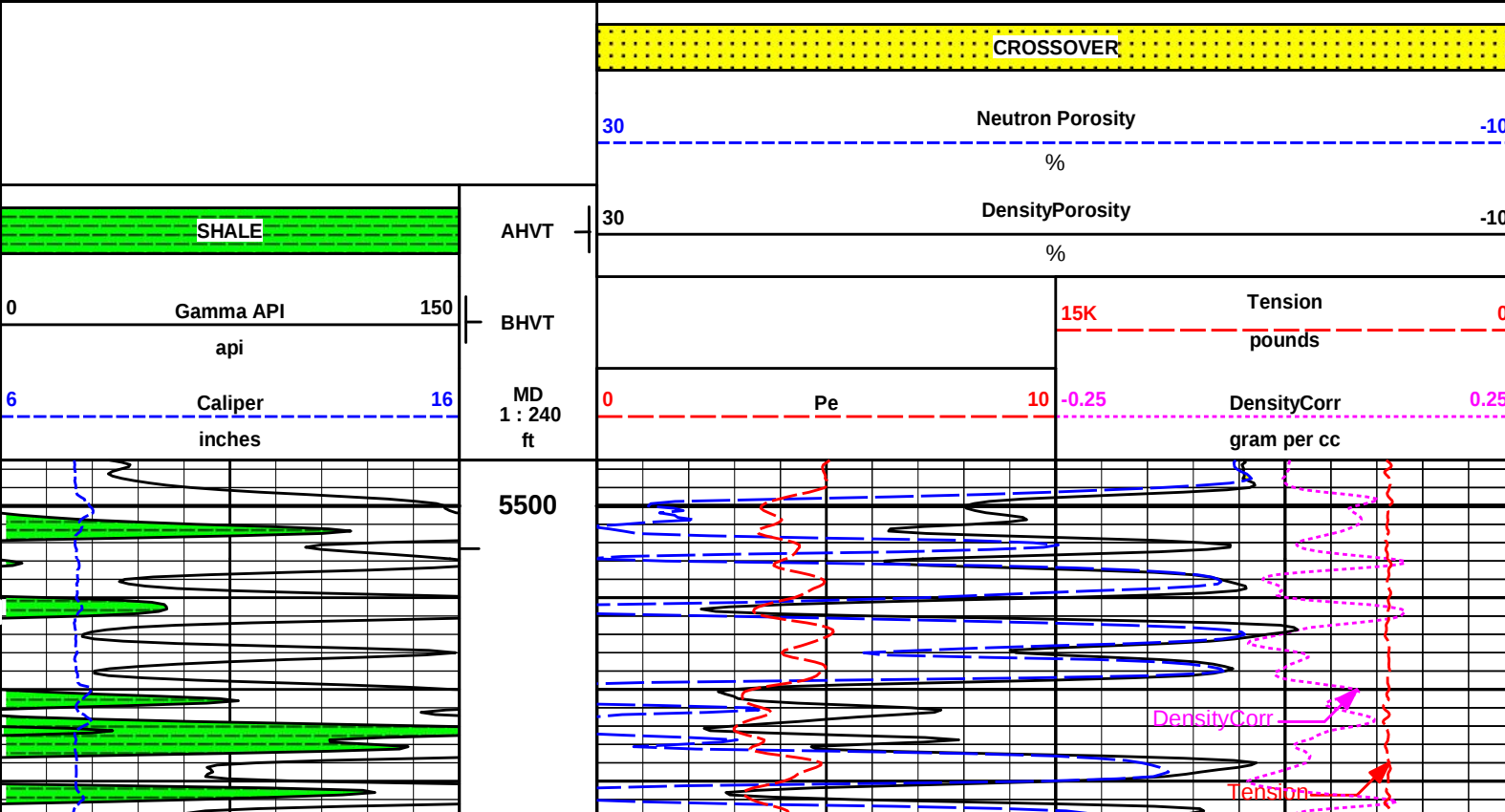
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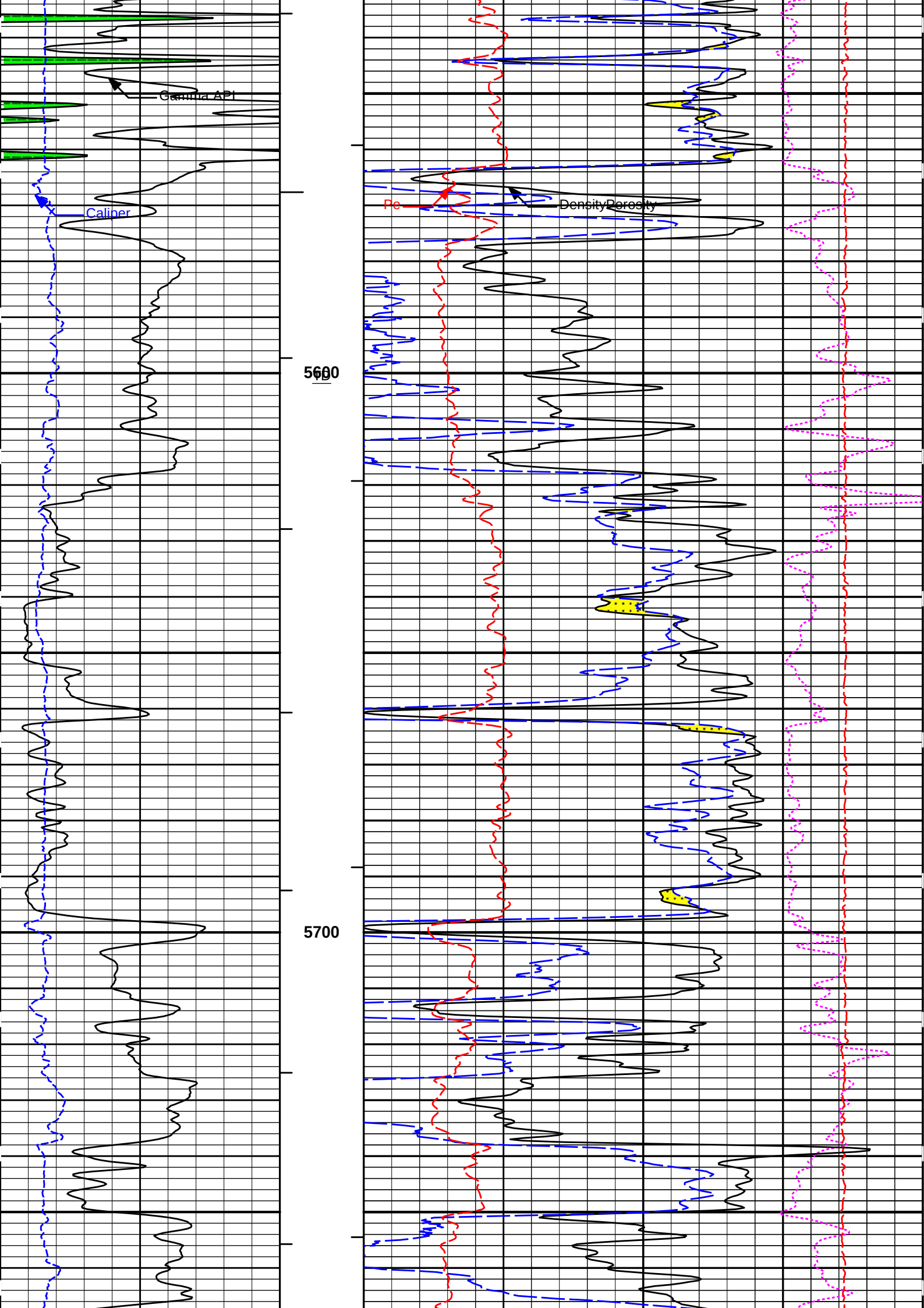
HALLIBURTON

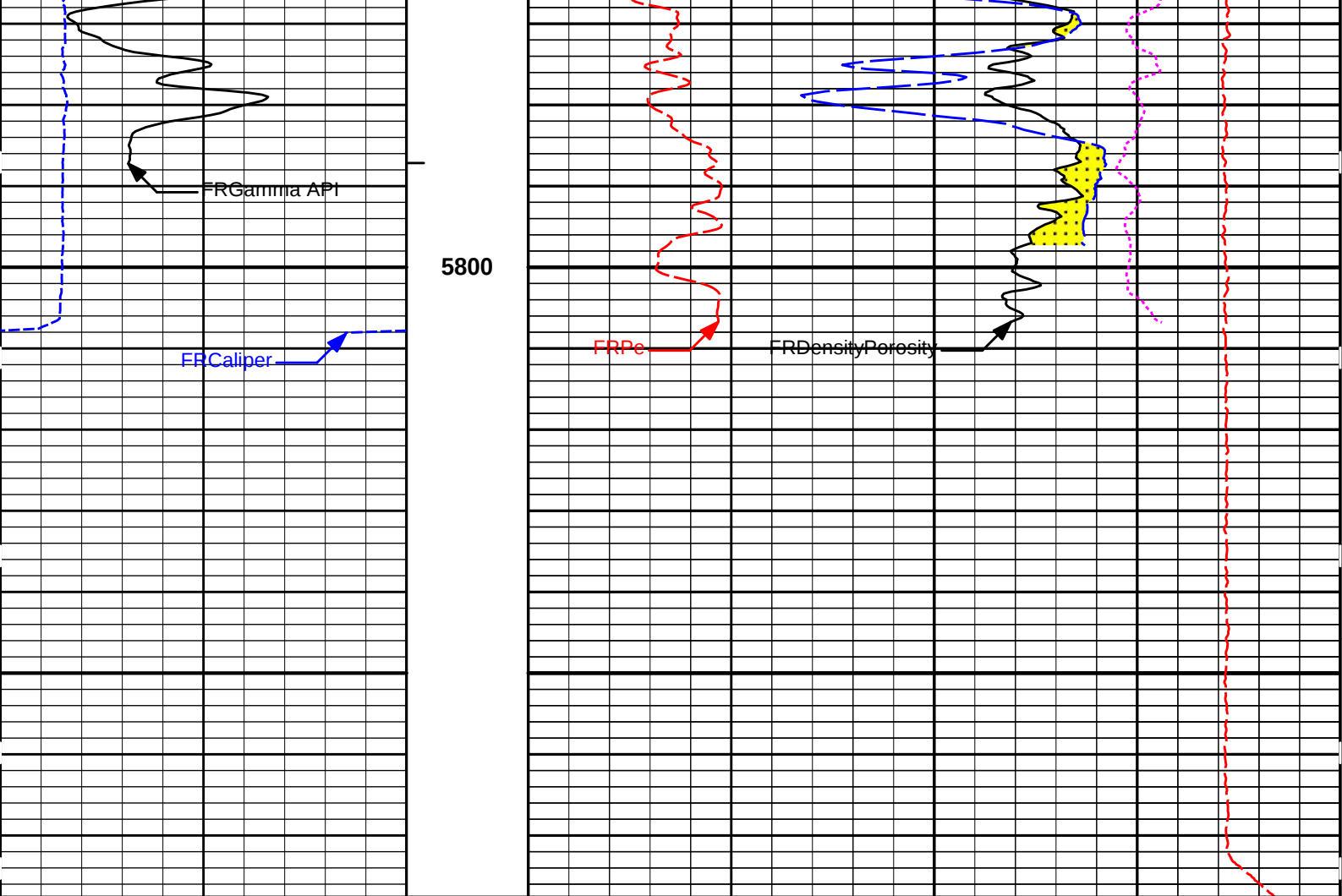
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Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26RIWell Based\REPEATV
Plot File: \\REPEAT\Poro_IQ_5_REP_LIB

5 INCH MAIN LOG

MEASURED DEPTH
MAIN SECTION 5" PER 100'







6	Caliper	16	MD	1 : 240	0	Pe	10	-0.25	DensityCorr	0.25
	inches		ft						gram per cc	
0	Gamma API	150	BHVT					15K	Tension	0
	api								pounds	
	SHALE		AHVT		30	DensityPorosity				-10
						%				
					30	Neutron Porosity				-10
						%				
						CROSSOVER				

HALLIBURTON

Plot Time: 12-Jul-18 16:42:58
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\REPEAT\Porosity_Q_5_REP_LIB

5 INCH MAIN LOG

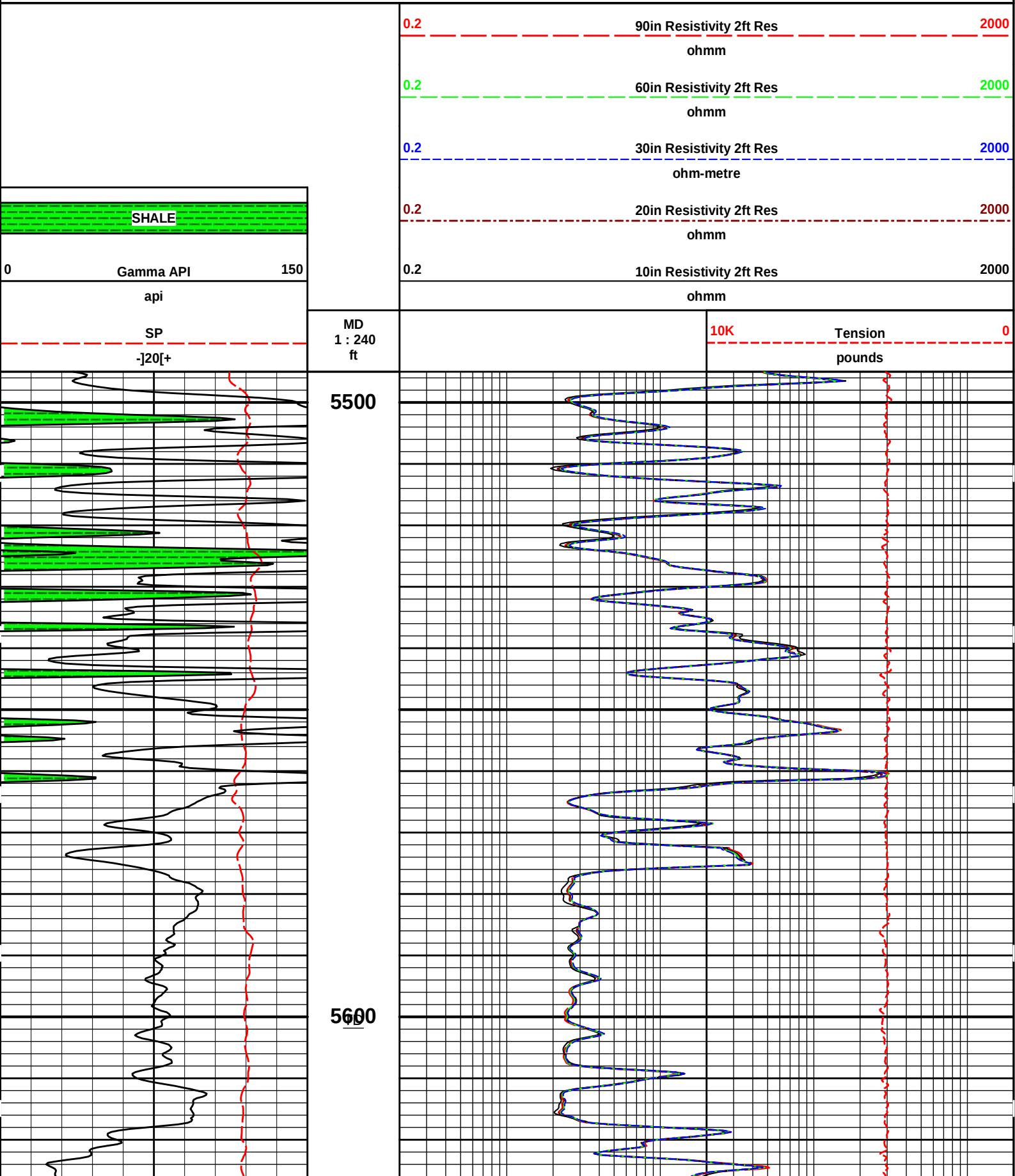
MEASURED DEPTH
MAIN SECTION 5" PER 100'

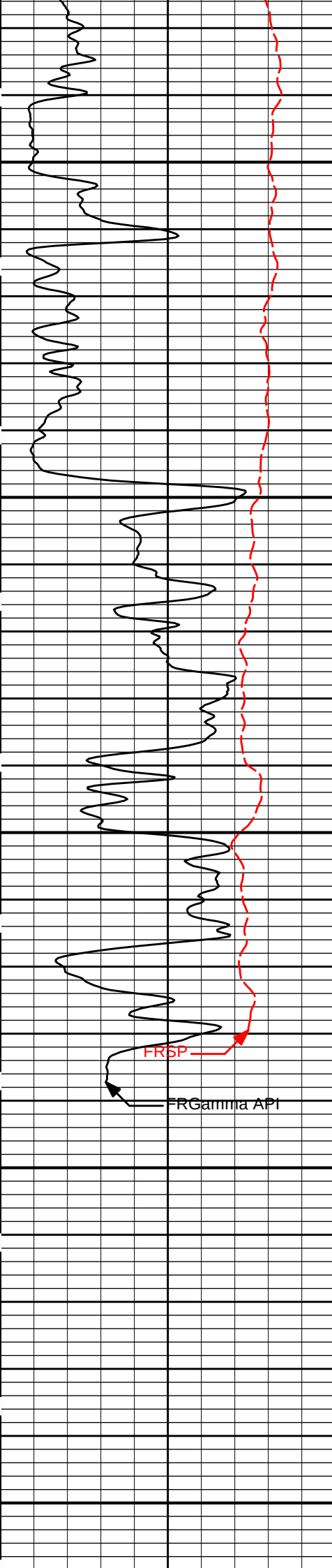
HALLIBURTON

Plot Time: 12-Jul-18 16:42:58
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\LOCAL-1\THORP_1-26R\Well Based\REPEAT\ACRT_5_REP_lib

5 INCH MAIN LOG

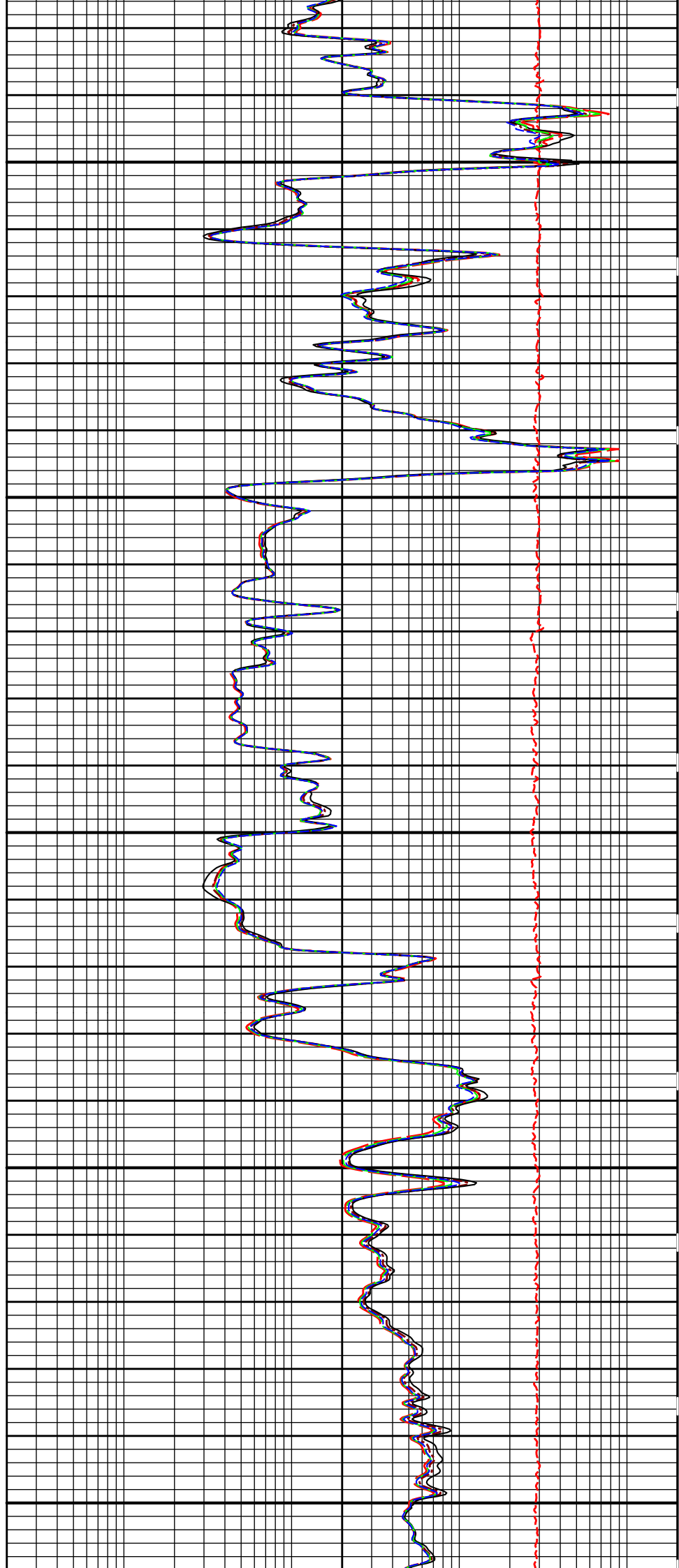
MEASURED DEPTH
MAIN SECTION 5" PER 100'

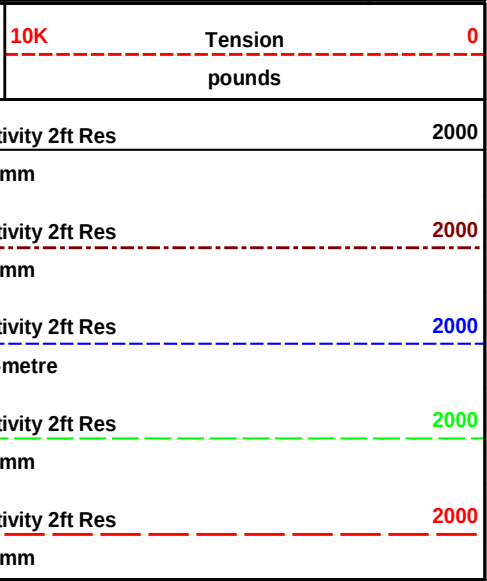
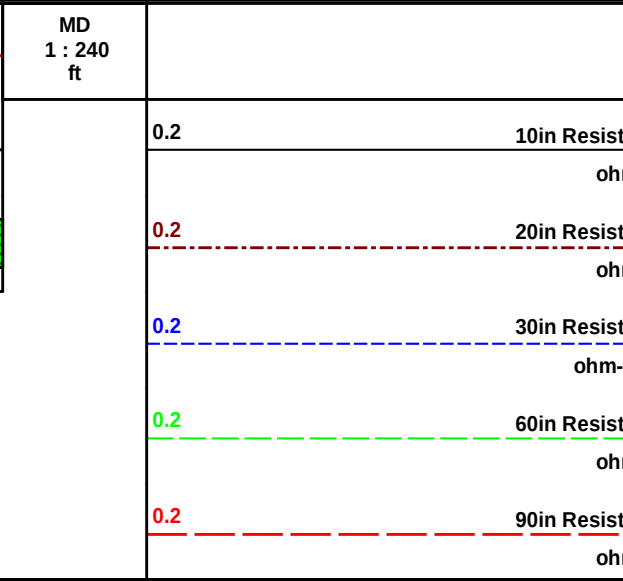
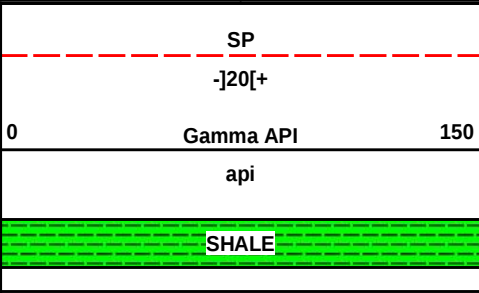
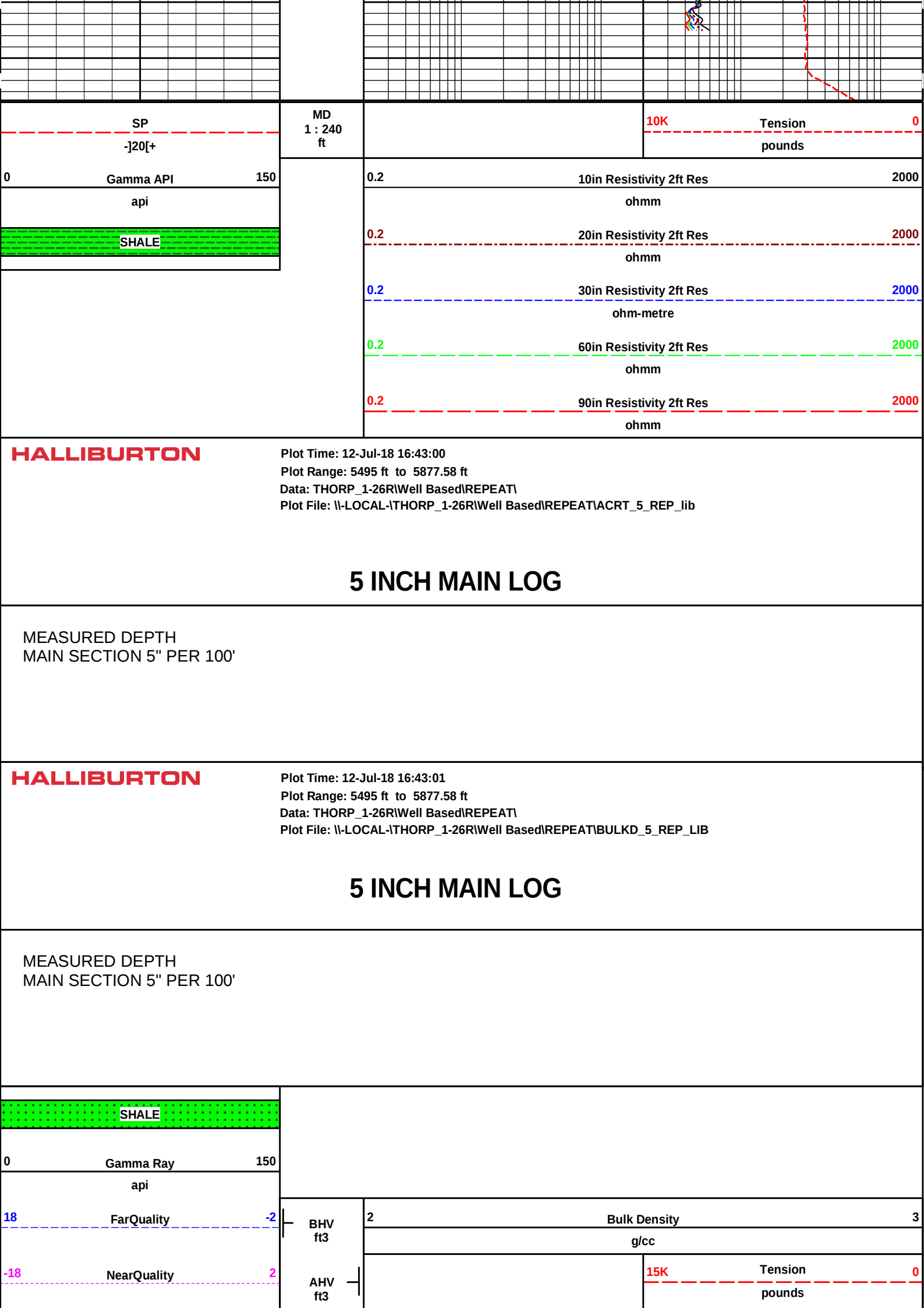




5700

5800





HALLIBURTON

Plot Time: 12-Jul-18 16:43:00
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\-LOCAL-\THORP_1-26R\Well Based\REPEAT\ACRT_5_REP_lib

5 INCH MAIN LOG

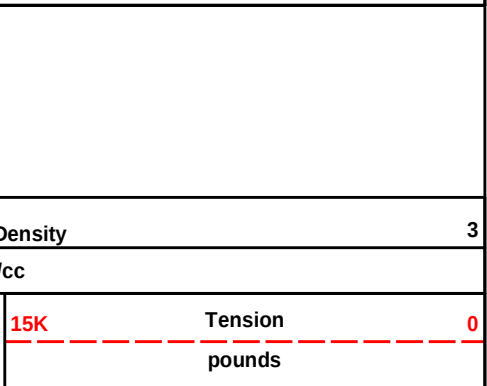
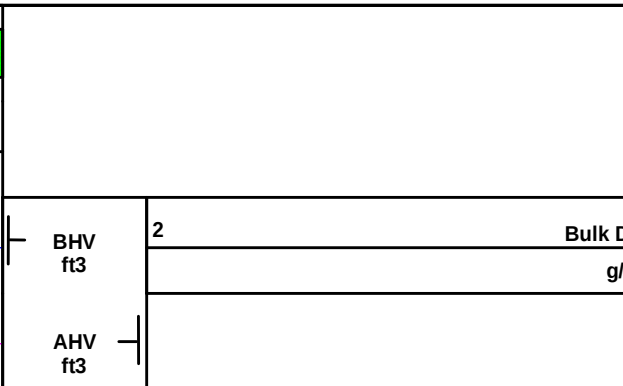
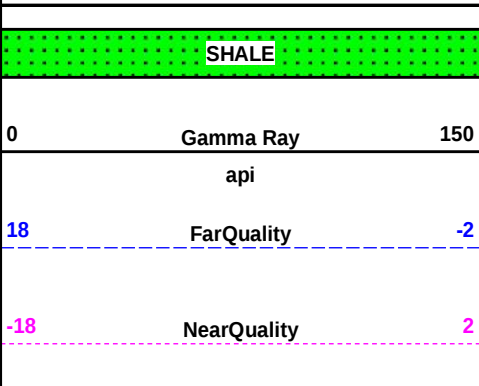
MEASURED DEPTH
MAIN SECTION 5" PER 100'

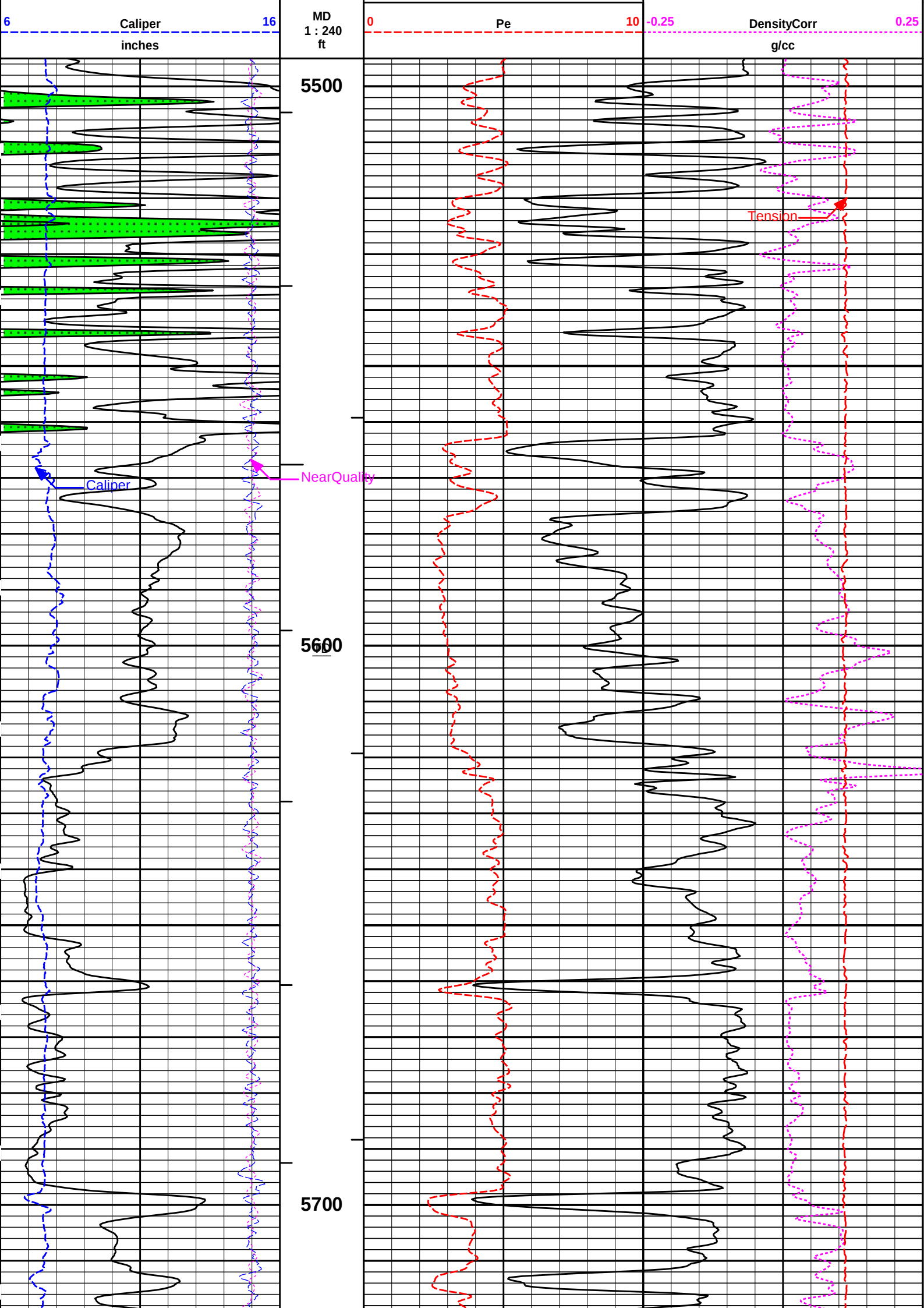
HALLIBURTON

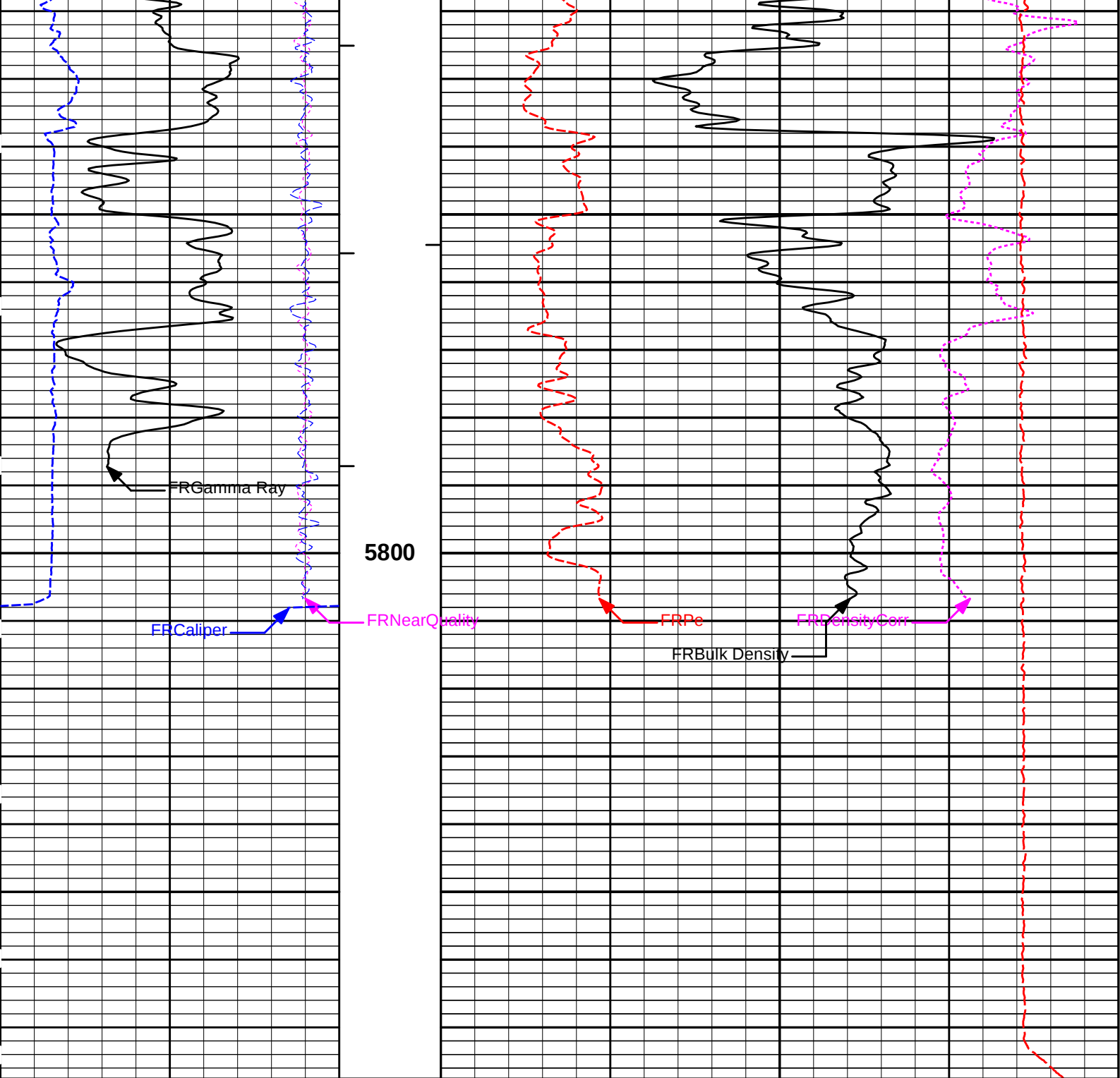
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Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\-LOCAL-\THORP_1-26R\Well Based\REPEAT\BULKD_5_REP_LIB

5 INCH MAIN LOG

MEASURED DEPTH
MAIN SECTION 5" PER 100'







6 Caliper inches -18 NearQuality 2 18 FarQuality -2 0 Gamma Ray api 150 SHALE	MD 1 : 240 ft AHV ft3 BHV ft3	0 Pe 10	-0.25 DensityCorr 0.25
			g/cc
			15K Tension 0
		2 Bulk Density 3	
		g/cc	

HALLIBURTON

Plot Time: 12-Jul-18 16:43:03
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\-LOCAL-\\THORP_1-26R\Well Based\REPEAT\BULKD_5_REP_LIB

5 INCH MAIN LOG

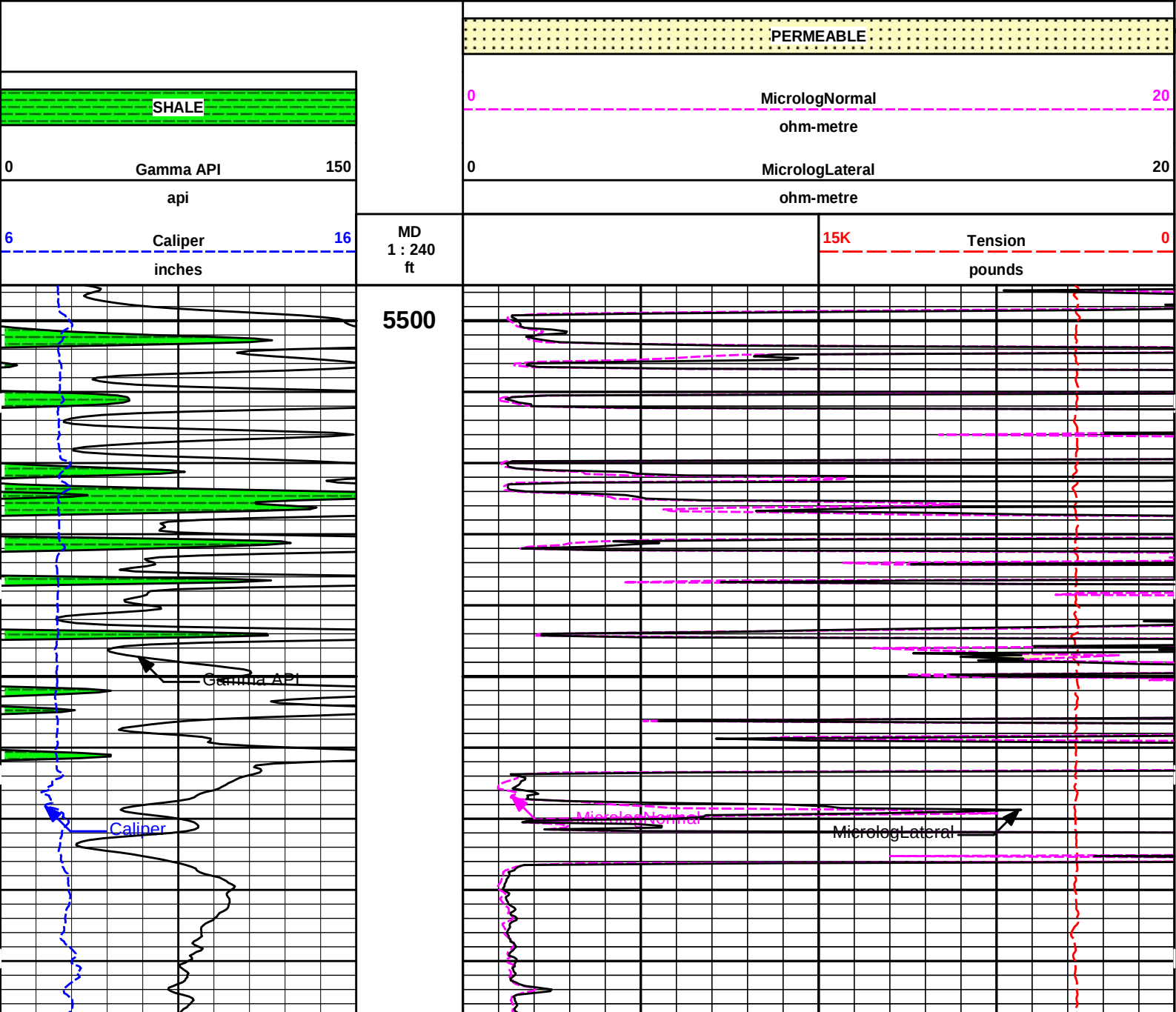
MEASURED DEPTH
MAIN SECTION 5" PER 100'

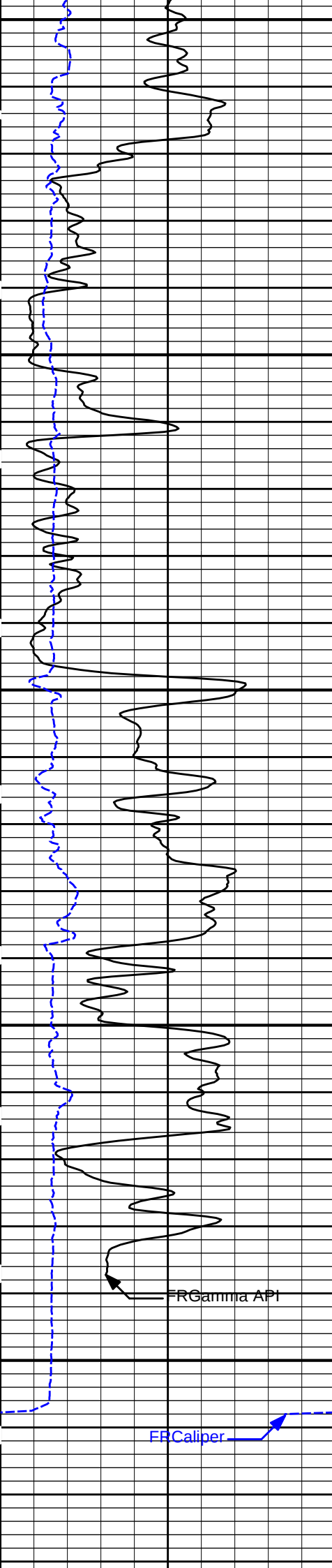
HALLIBURTON

Plot Time: 12-Jul-18 16:43:03
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\-LOCAL-\\THORP_1-26R\Well Based\REPEAT\Microlog_IQ_5_REP_lib

5 INCH MAIN LOG

MEASURED DEPTH
MAIN LOG 5" PER 100'





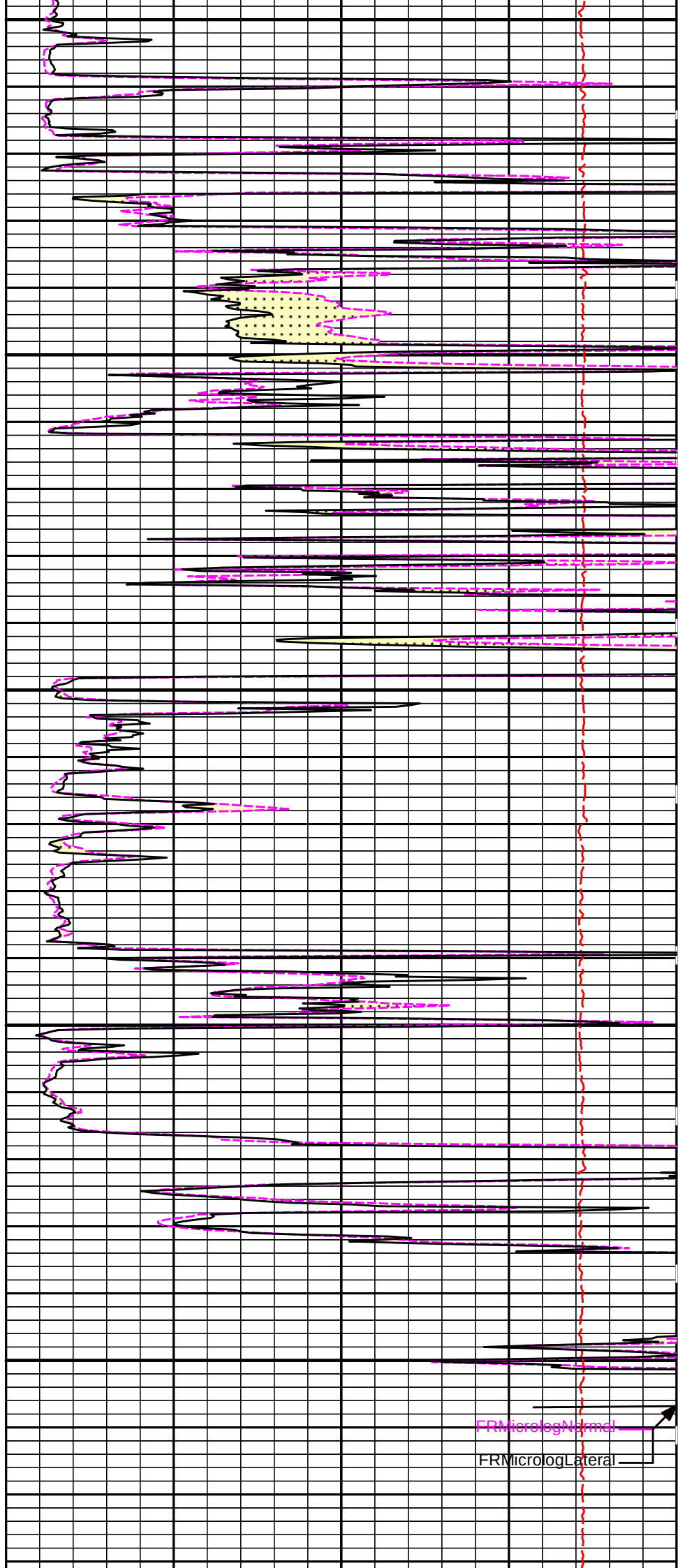
5600

5700

5800

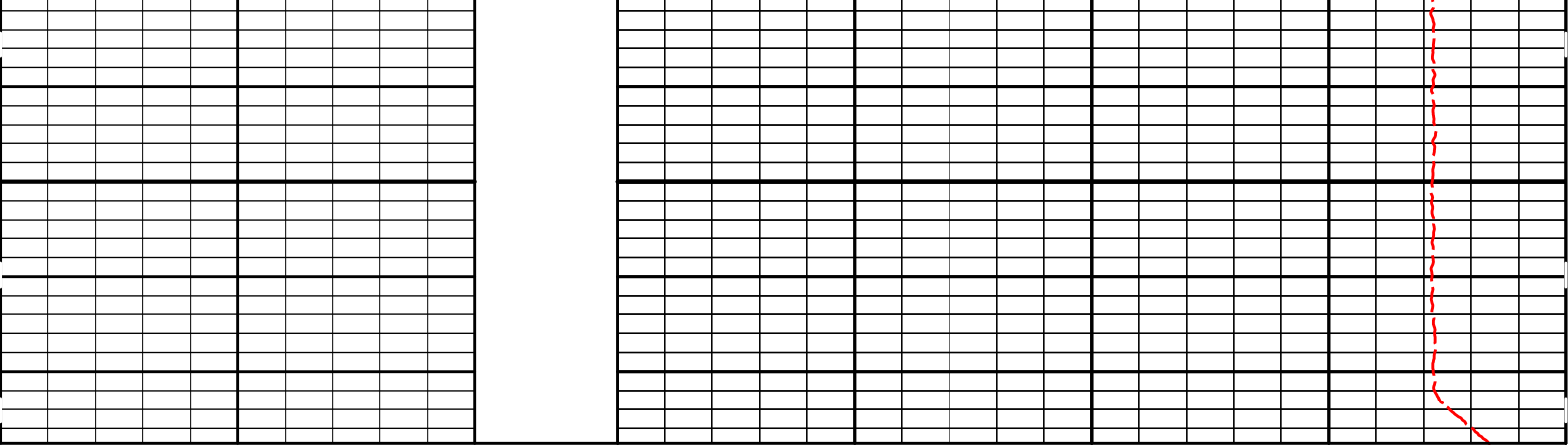
FRGamma API

FRCaliper



FRMicrologNormal

FRMicrologLateral



6	Caliper	16	MD	1 : 240	15K	Tension	0
	inches		ft			pounds	
0	Gamma API	150		0		MicrologLateral	20
	api					ohm-metre	
	SHALE			0		MicrologNormal	20
						ohm-metre	
						PERMEABLE	

HALLIBURTON

Plot Time: 12-Jul-18 16:43:04
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\LOCAL-1\THORP_1-26R\Well Based\REPEAT\Microlog_IQ_5_REP_lib

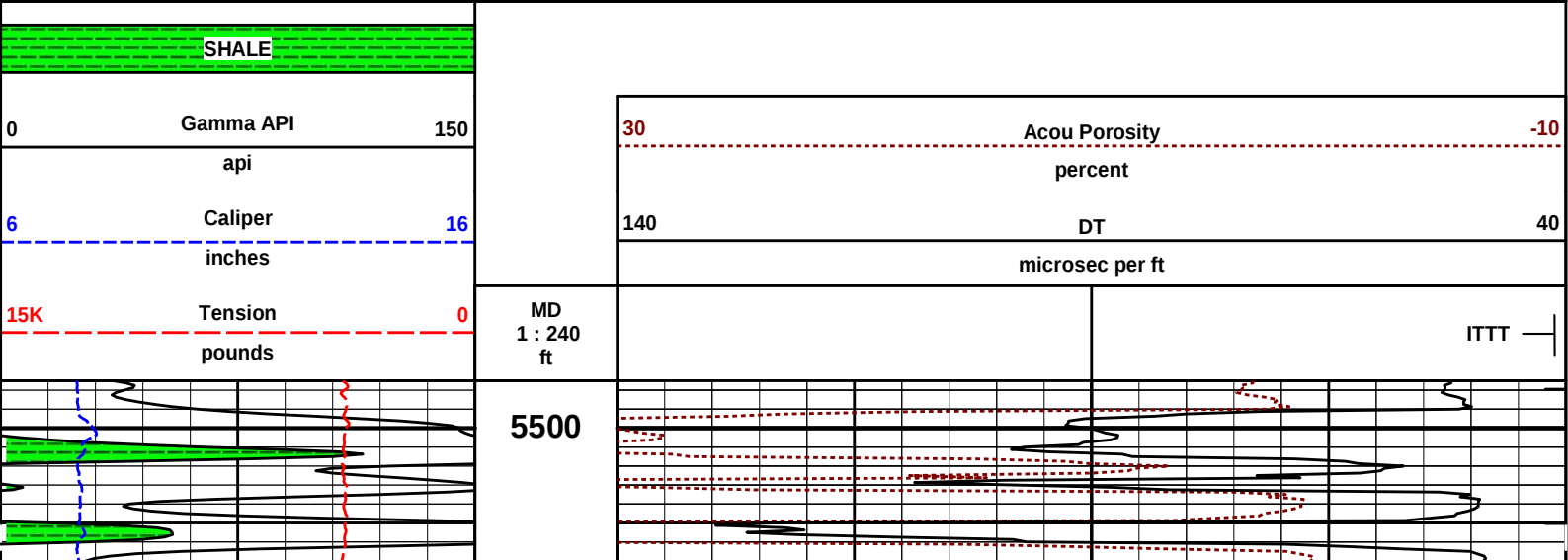
5 INCH MAIN LOG

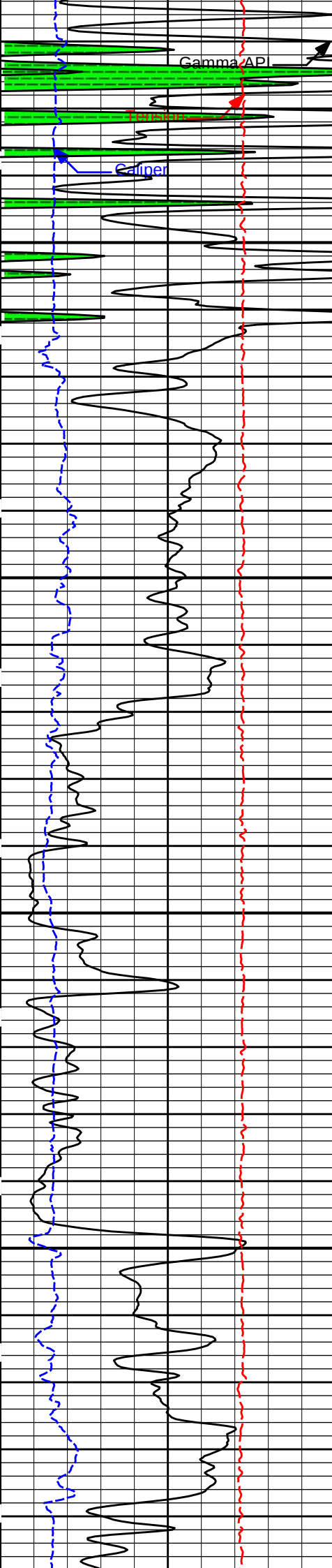
MEASURED DEPTH
MAIN LOG 5" PER 100'

HALLIBURTON

Plot Time: 12-Jul-18 16:43:05
Plot Range: 5495 ft to 5877.58 ft
Data: THORP_1-26R\Well Based\REPEAT\
Plot File: \\REPEAT\BSAT_5_REP_LIB

REPEAT SECTION





5600

5700

