

HALLIBURTON

ARRAY COMPENSATED TRUE RESISTIVITY 1" LOG

COMPANY		MERIT ENERGY COMPANY	
WELL		HMU 207W	
FIELD/BLOCK		REDWOOD	
COUNTY		FINNEY	
STATE		KANSAS	
Permanent Datum	GL	Sect. 30	Twp. 23S
Log measured from	KB		Rge. 34W
Drilling measured from	KB		
Date	19-Dec-17		
Run No.	1		
Depth - Driller	5000.0 ft		
Depth - Logger	5011.0 ft		
Bottom - Logged Interval	5001		
Top - Logged Interval	1821		
Casing - Driller	8.625 in @ 1831.0 ft		
Casing - Logger	1831.0 ft		
Bit Size	7.875 in		
Type Fluid in Hole	Water Based Mud		
Density	9.10 g/cc	65.00	s/qt
PH	11.50 pH	6.4	cp/m
Source of Sample	FLOWLINE		
Rm @ Meas. Temperature	0.93 ohmm	@ 78.00	degF
Rmf @ Meas. Temperature	0.74 ohmm	@ 75.00	degF
Rmc @ Meas. Temperature	1.14 ohmm	@ 75.00	degF
Source Rmf	Rmc		
Rm @ BHT	0.60 ohmm	@ 125.0	degF
Time Since Circulation	09:00 hr		
Time on Bottom	19-Dec-17 11:14		
Max. Rec. Temperature	125.00 degF @ 5011.0 ft		
Equipment	12156883	EL RENO	
Recorded By	WHITLOCK		
Witnessed By	MARTIN LANGE	AUSTIN GARDNER	

Fold here

Service Ticket No.: 904514721		API No.: 15-055-22474-00-00		PGM Version: WL INSITE R5.6.3 (Build 4)	
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE			RESISTIVITY SCALE CHANGES		
Date	Sample No.		Type Log	Depth	Scale Up Hole
Depth-Driller					Scale Down Hole
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
Rmf @ Meas. Temp.	@	@			Tool Pos.
Rmc @ Meas. Temp.	@	@			Other
Source Rmf	Rmc				
Rm @ BHT	@	@			
Rmf @ BHT	@	@			
Rmc @ BHT	@	@			
EQUIPMENT DATA					
GAMMA		ACOUSTIC		DENSITY	
Run No.		Run No.		Run No.	NEUTRON
Serial No.		Serial No.		Serial No.	
Model No.		Model No.		Model No.	
Diameter		No. of Cent.		Diameter	
Detector Model No.		Spacing		Log Type	
Type				Source Type	
Length		LSA [Y/N]		Serial No.	
Distance to Source		FWDA [Y/N]		Strength	
LOGGING DATA					
GENERAL		GAMMA		ACOUSTIC	
Run	Depth	Speed	Scale	Scale	DENSITY
No.	From	To	L	R	Scale
					L
					R
					Matrix
					Matrix
					Scale
					L
					R
					Matrix
					Matrix

DIRECTIONAL INFORMATION

Maximum Deviation @ KOP @

Remarks: 5 1/2" CASING USED FOR ANNULAR HOLE VOLUME

HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

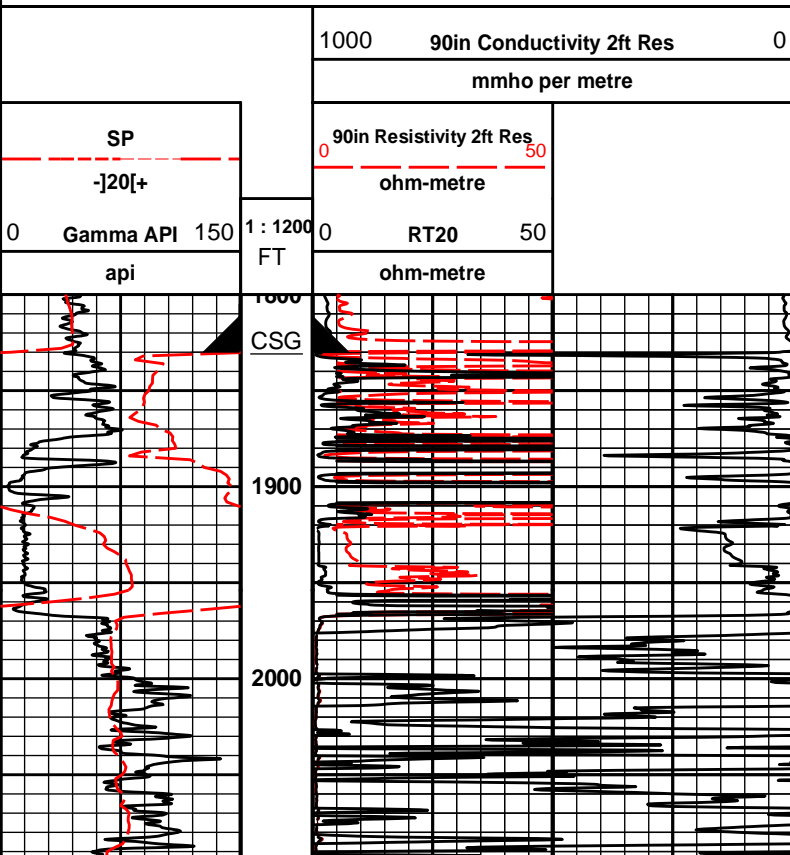
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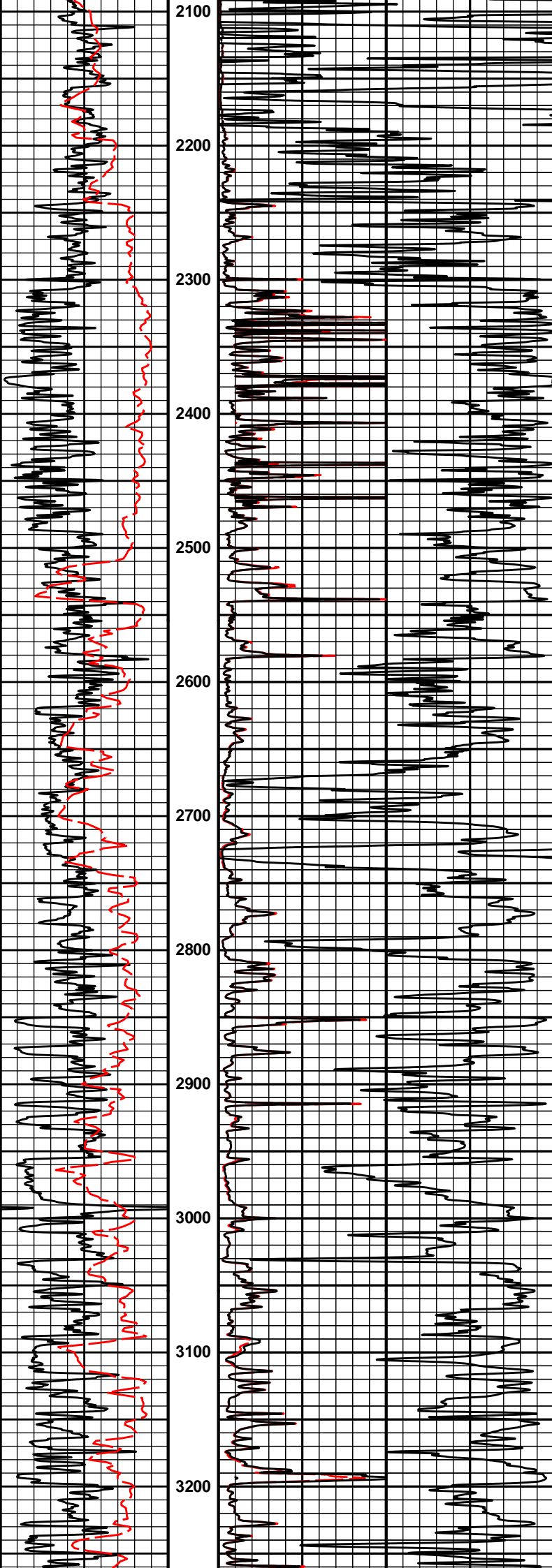
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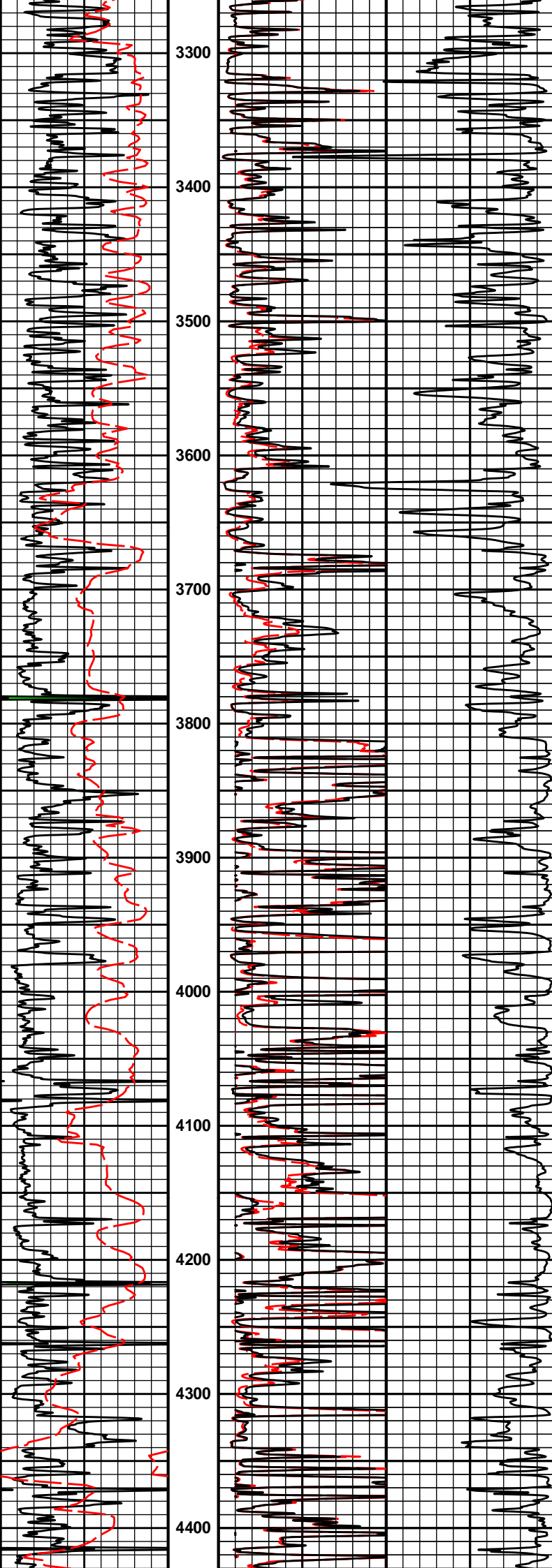
Plot Time: 19-Dec-17 16:20:52
 Plot Range: 1800 ft to 5014 ft
 Data: MERIT_HUM_207WWell Based**
 Plot File: \\LOCAL\MERIT_HUM_207W0001 GTET-DSNT-SDLT-BSAT-ACRT\ACRT-1\ACRT_1_main

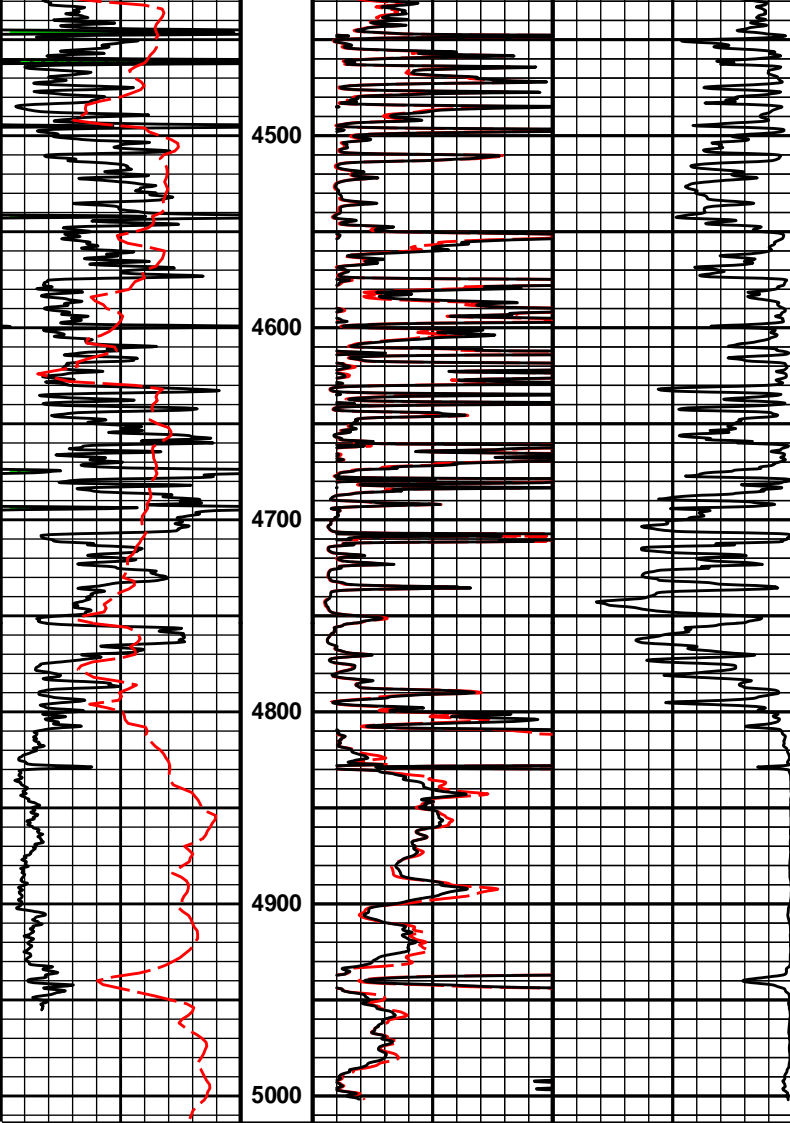
1 INCH MAIN LOG

1 INCH CORRELATION LOG









0	Gamma API	150	1 : 1200	0	RT20	50	
	api		FT		ohm-metre		
	SP				90in Resistivity 2ft Res	50	
	-]20[+				ohm-metre		
				1000	90in Conductivity 2ft Res	0	
					mmho per metre		

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