

HALLIBURTON

ARRAY COMPENSATED TRUE RESISTIVITY (1 INCH) MEASURED DEPTH

COMPANY		MERIT ENERGY COMPANY, LLC	
WELL		DANIELS 4-28	
FIELD/BLOCK		BLACK KNIGHT	
COUNTY		HASKELL	
STATE		KANSAS	
Permanent Datum		GL	
Log measured from		KB	
Drilling measured from		KB	
Date		16-Sep-22	
Run No.		1	
Depth - Driller		5481.0 ft	
Depth - Logger		5481.0 ft	
Bottom - Logged Interval		5481.0 ft	
Top - Logged Interval		1783.0 ft	
Casing - Driller		8.625 in @ 1786.0 ft	
Casing - Logger		1783.0 ft	
Bit Size		7.875 in	
Type Fluid in Hole		Water Based Mud	
Density		9.3 ppg	
Viscosity		66.00 s/qt	
PH		11.50 pH	
Fluid Loss		5.6 cpm	
Source of Sample		FLOWLINE	
Rm @ Meas. Temperature		1.21 ohmm @ 75.00 degF	
Rmf @ Meas. Temperature		0.83 ohmm @ 75.00 degF	
Rmc @ Meas. Temperature		1.30 ohmm @ 75.00 degF	
Source Rmf		CALC	
Rm @ BHT		0.65 ohmm @ 145.0 degF	
Time Since Circulation		4.00 hr	
Time on Bottom		16-Sep-22 06:27	
Max. Rec. Temperature		145.00 degF @ 5491.0 ft	
Equipment		11392047	
Recorded By		M. GALLION	
Witnessed By		M. LANGE	

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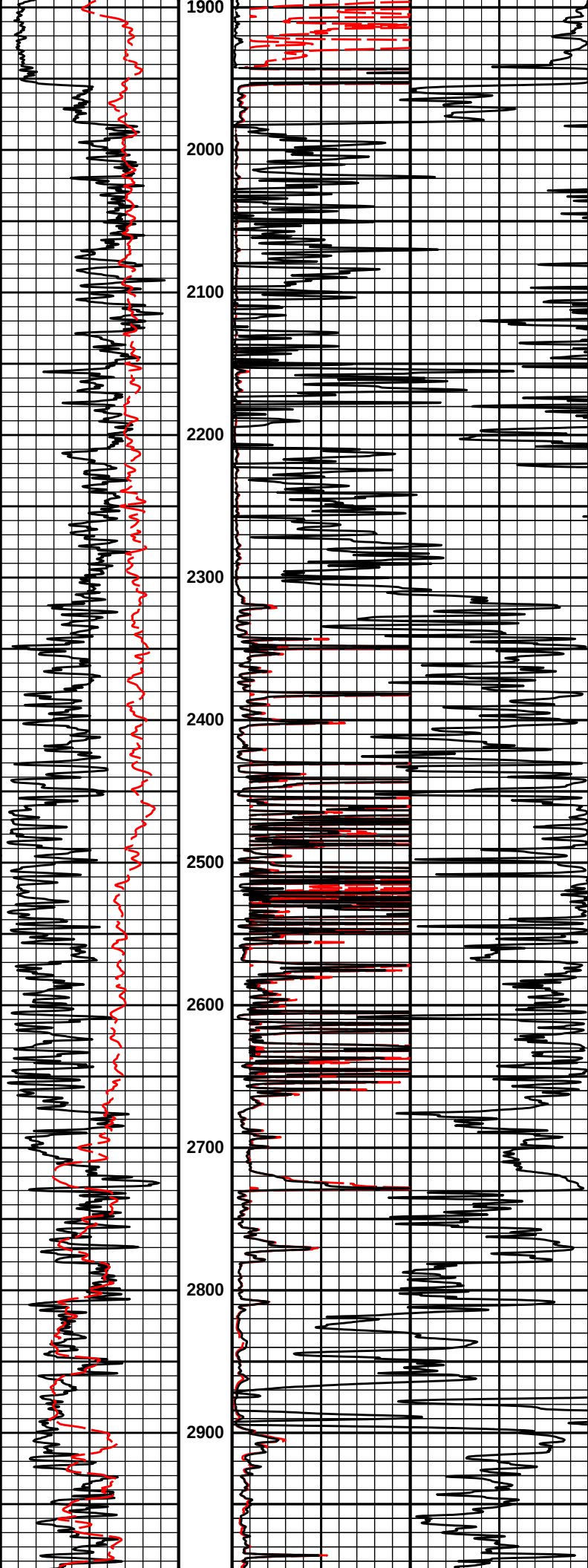
API No. 15081222530100
Location 1794' FEL & 1245' FSL
NW NE SW SE

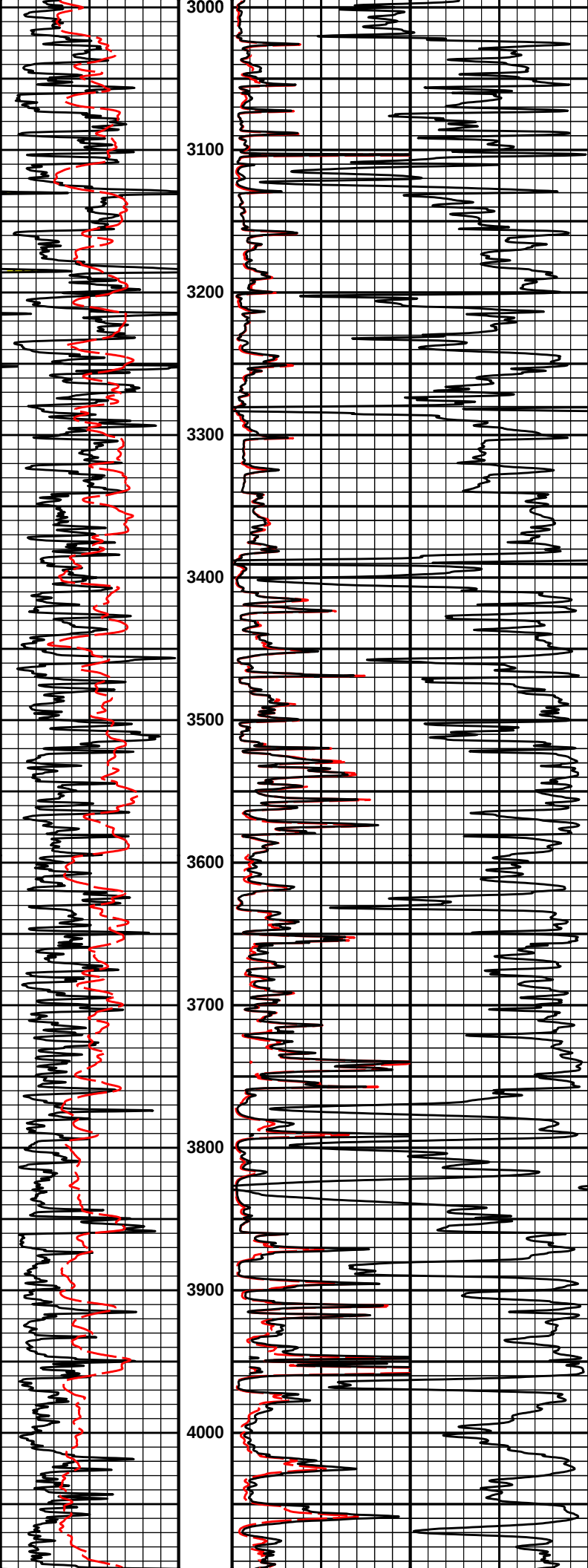
Other Services:
DSNT/SDLT
BSAT
ACRT

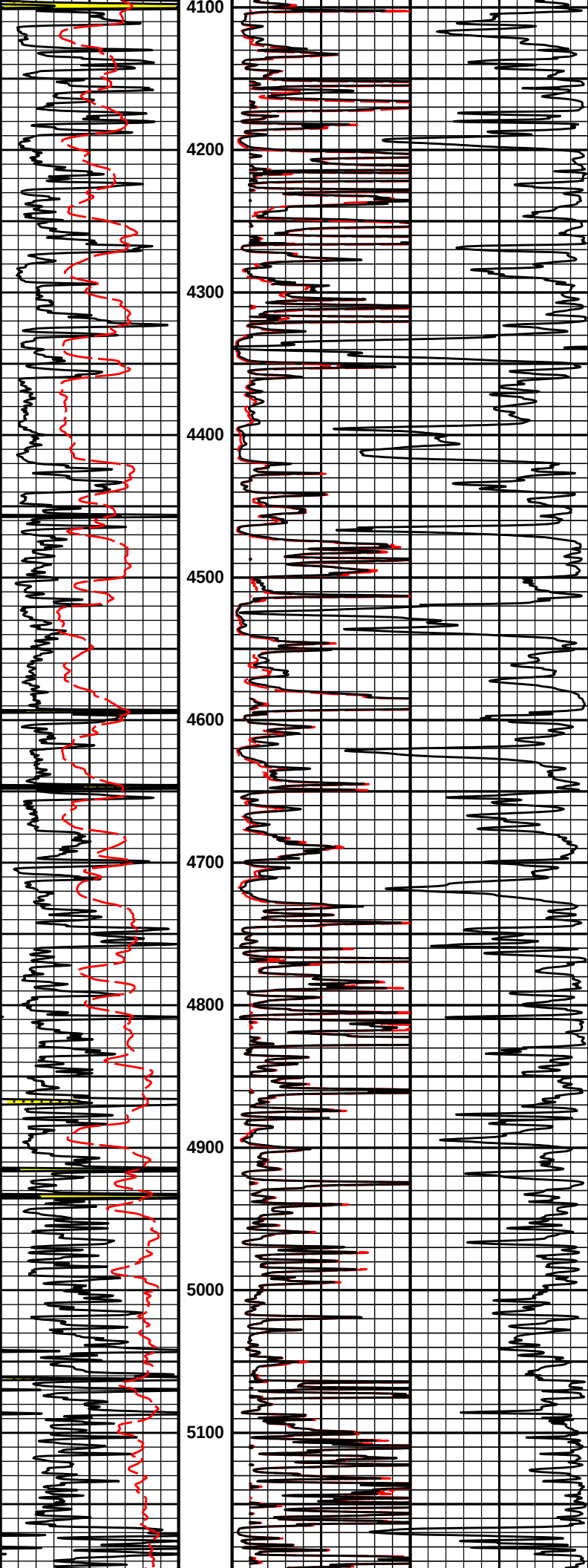
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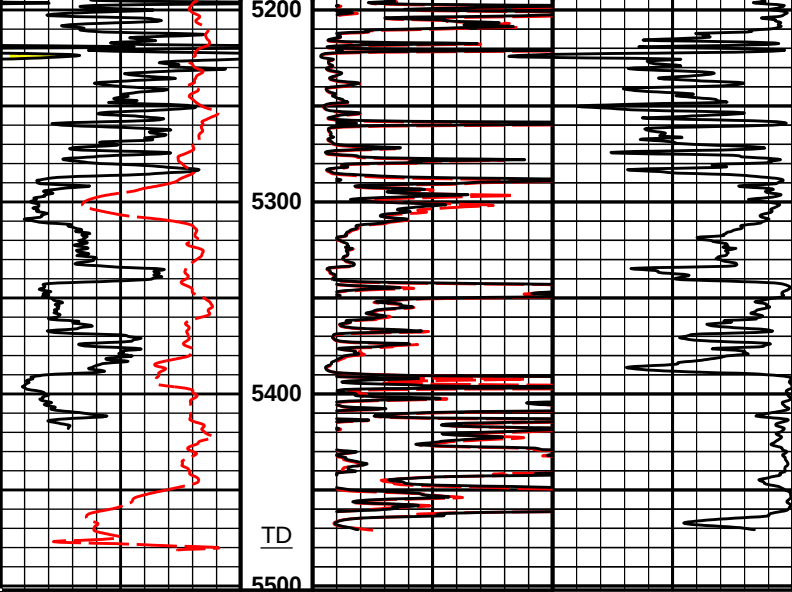
Sales Order Number: 908104317				API No.: 15081222530100				PGM Version: WL INSITE R6.6.5 (Build 5)							
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE						RESISTIVITY SCALE CHANGES									
Date		Sample No.				Type Log		Depth		Scale Up Hole		Scale Down Hole			
Depth-Driller															
Type Fluid in 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		NONE		1.5" S.O.		N/A	
Rmc @ Meas. Temp.		@		@				S-10933411							
Source Rmf		Rmc													
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.		11405267		Serial No.		10758088		Serial No.		10865883		Serial No.		11019641	
Model No.		GTET		Model No.		BSAT		Model No.		SDLT		Model No.		DSNT	
Diameter		3.625"		No. of Cent.		2		Diameter		4.5"		Diameter		3.625"	
Detector Model No.		GTET		Spacing		0.5'		Log Type		GAM-GAM		Log Type		NEU-NEU	
Type		SCINT						Source Type		Cs-137		Source Type		Am241Be	
Length		8"		LSA [Y/N]		Y		Serial No.		5406GW		Serial No.		96395B	
Distance to Source		10'		FWDA [Y/N]		Y		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	5481'	3500'	REC	0gapi	150gapi	0.3decP	-0.1decP	47.6uspf	0.3decP	-0.1decP	2.71g/cc	0.3decP	-0.1decP	LIME
ONE	3500'	1783'	REC	0gapi	150gapi	0.3decP	-0.1decP	47.6uspf						
DIRECTIONAL INFORMATION														
Maximum Deviation @									KOP @					
Remarks: FIRST LOG ON WELL, POSITIVE DEPTH CONTROL APPLIED														
SCALES AND PRESENTATIONS AS PER CLIENT REQUEST														
TOOLS RAN IN COMBINATION AS PER TOOLSTRING DIAGRAM														
HOLE VOLUME CALCULATED FOR 5.5 INCH CASING														
RIG: DUKE DRILLING #9														
CREW: J. JONES. S. WALDROP														
THANK YOU FOR CHOOSNG HALLIBURTON ENERGY SERVICES														
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.														
HALLIBURTON														









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		

HALLIBURTON
Plot Time: 16-Sep-22 12:14:57
Plot Range: 1745 ft to 5502 ft
Data: 09_16_MERIT\Well Based\DAQ-0001-003\
Plot File: \\LOCAL-109_07_MERIT\0002 GTET-DSNT-SDLT-BSAT-ACRT\ACRT1\ACRT_1_main

1 INCH MAIN LOG

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COMPANY	MERIT ENERGY COMPANY, LLC		
WELL	DANIELS 4-28		
FIELD	BLACK KNIGHT		
COUNTY	HASKELL	STATE	KANSAS
HALLIBURTON		ARRAY COMPENSATED TRUE RESISTIVITY (1 INCH) MEASURED DEPTH	