



HIGH RESOLUTION INDUCTION COMPENSATED DENSITY COMPENSATED NEUTRON

Company	Augustus Energy Resources, LLC	Company	Augustus Energy Resources, LLC
Well	Hays 31-03 2S44W	Well	Hays 31-03 2S44W
Field	Vernon	Field	Vernon
County	Yuma	County	Yuma
State	Colorado	State	Colorado
Location:	API # : 05-125-12088	Other Services	None
Permanent Datum	710' FNL & 1466' FEL NWNE	Elevation	3803
Log Measured From	SEC 3 TWP 2S RGE 44W	K.B. 3809	
Drilling Measured From		D.F. 3808	
		G.L. 3803	
Date	July 21, 2014		
Run Number	1		
Depth Driller	2324		
Depth Logger	2311		
Bottom Logged Interval	2311		
Top Log Interval	Casing		
Casing Driller	406		
Casing Logger	406		
Bit Size	6.25"		
Type Fluid in Hole	WBM		
Density / Viscosity	8.7 / 28		
pH / Fluid Loss	9.0 / 7.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.26 @ 68 F		
Rmf @ Meas. Temp	0.21 @ 68 F		
Rmc @ Meas. Temp	0.31 @ 68 F		
Source of Rmf / Rmc	Calc / Calc		
Rm @ BHT	0.17 @ 102 F		
Time Circulation Stopped	2245 7/20/14		
Time Logger on Bottom	0230		
Maximum Recorded Temperature	102 F		
Equipment Number	48		
Location	Ft. Morgan, CO		
Recorded By	Clint Christensen		
Witnessed By	Justin Stone		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

Annular volume calculated for 4.5" casing
Excell Drilling Rig 2
Thank you for using Pioneer Energy Services.

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD (~0)	2.00	3.50	30.00

