COMPANY: BLACK RIVER ENERGY INC

CURRENT ZONE: COLLOCATION/CREATION 1000

Permission, error or opinions to be rendered in connection with this service are subject to our General Terms and Conditions as set out in our current Price Schedule.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable for any loss or expense incurred by reason of relying on any such interpretation or report. Our interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

CONFIDENTIAL

THANK YOU FOR CHOOSING J.M.WIRELINE
DEPTH REFERENCES TO ELECTRICAL LOG DATED 4-2-04

Formation	Offset (M)	Schematic	Description	Loc (M)	OD (cm)	WT (M)
CGL	16.67		CGL (TOP@16.67 TVD@16.67) CGR-RB-CL-Soft Rock	1.66	2.75	10.00
			CGR/F-TB-CL (N/A)	2.73	2.75	10.00
TEnpF	12.75					
cc-UF01	11.46					
cc-UF02	11.40					
cc-UF03	11.34					
cc-UF04	11.28					
cc-UF05	11.22					
cc-UF06	11.16					
cc-UF07	11.10					
cc-UF_CL	11.04					
cc-UF(CS)	10.78					
cc-UF_CL	10.72					
cc-UFbgF	9.41					
			CGR/F-TB-CL (N/A)	2.73	2.75	10.00
			CGR-TB-CL (N/A)	2.73	2.75	10.00
UF	5.00		GR-TB-CL (100%gr)	0.66	2.75	10.00

Cased Hole Only
Total Length: 16.67
Tool Length: 11.67
Tool Weight: 113.40

All depths are referenced to Logger's Depth

Calibration File:	cal-4in1.dat
Date of Calibration:	2012/10/03
Calibration Method:	Internal
Depth Control:	GR-TB-CL (N/A) to GL (N/A) Log GL (N/A)
Log Type:	GR-TB-CL (N/A) to GL (N/A)

Gamma Ray (API) 0 150
Caliper (cm) 10 40

Resistivity (ohm-m) 0.2 2000
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Density (g/cm3) 1.95 2.95
Neutron (%) 45 -15

Sonic (us/m) 140 40