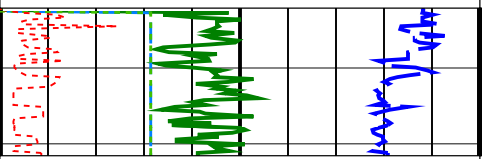
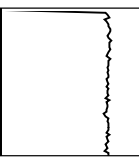
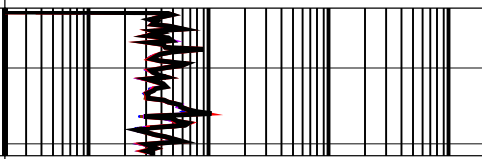
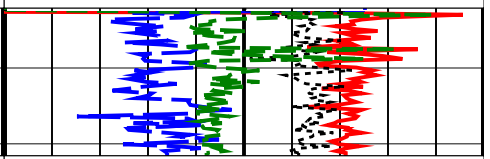


# True Vertical Depth Log

Longtom-4 H LWD RM 500TVD >90

FIELD PRINT

Format: EcoScope RM Log TVD		Vertical Scale: 1:500	Graphics File Created: 06-Aug-2008 17:16	
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) 200 (M/HR) 0		ARC Phase Shift Resistivity 40 inch at 2 MHz (P40H) 0.2 (OHMM) 2000		
Ultrasonic Caliper, Vertical Diameter (UCVE) 6 (IN) 16		ARC Phase Shift Resistivity 34 inch at 2 MHz (P34H) 0.2 (OHMM) 2000	Photoelectric Factor, Bottom (PEB) 0 (----) 10	
Ultrasonic Caliper, Horizontal Diameter (UCHO) 6 (IN) 16		ARC Phase Shift Resistivity 28 inch at 2 MHz (P28H) 0.2 (OHMM) 2000	Bulk Density Correction, Bottom (DRHB) -0.25 (G/C3) 0.25	
Time after BIT (between drilling and measurement) (TAB_DEN) 0 (HR) 10		ARC Phase Shift Resistivity 22 inch at 2 MHz (P22H) 0.2 (OHMM) 2000	Thermal Neutron Porosity (Ratio Method) in Selected Lithology (TNPH) 45 (PU) -15	
Gamma Ray, Average (GRMA) 0 (GAPI) 200	Collar Rotational Speed (CRPM) (RPM) 0 200	ARC Phase Shift Resistivity 16 inch at 2 MHz (P16H) 0.2 (OHMM) 2000	Bulk Density, Bottom (ROBB) 1.85 (G/C3) 2.85	
				
Gamma Ray, Average (GRMA) 0 (GAPI) 200	Collar Rotational Speed (CRPM) (RPM) 0 200	ARC Phase Shift Resistivity 16 inch at 2 MHz (P16H) 0.2 (OHMM) 2000	Bulk Density, Bottom (ROBB) 1.85 (G/C3) 2.85	
Time after BIT (between drilling and measurement) (TAB_DEN) 0 (HR) 10		ARC Phase Shift Resistivity 22 inch at 2 MHz (P22H) 0.2 (OHMM) 2000	Thermal Neutron Porosity (Ratio Method) in Selected Lithology (TNPH) 45 (PU) -15	
Ultrasonic Caliper, Horizontal Diameter (UCHO) 6 (IN) 16		ARC Phase Shift Resistivity 28 inch at 2 MHz (P28H) 0.2 (OHMM) 2000	Bulk Density Correction, Bottom (DRHB) -0.25 (G/C3) 0.25	
Ultrasonic Caliper, Vertical Diameter (UCVE) 6 (IN) 16		ARC Phase Shift Resistivity 34 inch at 2 MHz (P34H) 0.2 (OHMM) 2000	Photoelectric Factor, Bottom (PEB) 0 (----) 10	
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) 200 (M/HR) 0		ARC Phase Shift Resistivity 40 inch at 2 MHz (P40H) 0.2 (OHMM) 2000		

IDEAL Version: ID13\_OC\_08

IDF

True Vertical Depth Log