

# Geoservices

## MASTERLOG

geological evaluation

<b>COMPANY</b>		<b>WELL</b>		<b>FIELD</b>	
<b>State</b>		<b>Location long</b>		<b>lat</b>	
<b>Elevation RT/MSL</b>		<b>RT/GL</b>		<b>MSL/SB</b>	
<b>Depth reference</b>		<b>Logging unit type</b>		<b>RT</b>	<b>MSL</b> <b>SB</b> <b>GL</b>
<b>Rig name</b>		<b>Drilling contractor</b>		<b>N°</b>	<b>Type</b>
<b>SHEET N°</b>		<b>Logged date from</b>		<b>to</b>	
<b>Logged depth from</b>		<b>Engineers</b>		<b>to</b>	
<b>OTHER LOGS</b>		<b>Gaslog from</b>		<b>to</b>	
<b>Core analysis from</b>		<b>Geopressure from</b>		<b>to</b>	
<b>FINAL DATA</b>		<b>Spudding date</b>		<b>Final date</b>	
<b>Total depth (TD)</b>		<b>Vertical TD</b>		<b>Horizontal displacement</b>	
<b>Azimuth from north</b>		<b>CASING DATA</b>		<b>Diameter</b>	
<b>Diameter</b>		<b>Diameter</b>		<b>shoe at</b>	
<b>Diameter</b>		<b>Diameter</b>		<b>shoe at</b>	
<b>Diameter</b>		<b>Diameter</b>		<b>shoe at</b>	
<b>REMARKS</b>					

MUD	DRILLING	LITHOLOGY	CORES
W Weight (kg/l) V Viscosity (sec) PV Plastic viscosity (cps) Y Yield point (lbs/100 ft) G Gel (lbs/100 ft) WL Water loss (cc) MC Mud cake (mm) CL Chloride contents (ppm) Ph Hydrogen potential Rm Mud resistivity (Ω·m/m) Rmf Mud filtrate resistivity (Ω·m/m) LC Lost circulation (volume) $\nabla$ Mud loss (volume) $\Delta$ Mud gain	NB New bit RR Rerun bit DB Diamond bit TB Turbo drill CB Core bit WOB Weight on bit ( ) RPM Rotation (rpm) PP Pump pressure ( ) FR Mud flow rate ( ) TG Trip gas CG Connection gas (depth) $\nabla$ Deviation survey (angle) $\nabla$	Conglomerate Sand Sandstone Clay-claystone-shale Silt-siltstone Quartzite Limestone Oolitic limestone Dolomite Marl Salt Anhydrite Gypsum Flint-chert Coal-lignite Metamorphic rocks (gneiss) Extrusive rocks (basalt) Intrusive rocks (granite) Pyrite Glauconite Mica Fossils in general	C (core number) rec (percentage%) Sidewall core TESTS DST (test number) FIT RFT Dry Fresh water Salted water (salinity) Oil (flow rate) Gas (flow rate)

DATE	MUD	BIT	RATE OF PENETRATION	DEPTH	CARBONATE ANALYSIS	LITHOLOGY CUTTINGS %	LITHOLOGICAL LOG	FLUO	HYDROCARBON GAS	SCALE 1/	UNIT: METER
										each horizontal division equals	
DESCRIPTION ENGINEERING REMARKS											
	I.25	SCALE I		I750			I539		0-10%		CORE I
I	I.25	BIT 8RR ACC WEASEL I2.25 WB IO-20 RPM 110-130 PP 1100 SPM 67				20% RECOVERY					CORE 2
I	I.25	BIT 8RR ACC WEASEL I2.25 WB IO-15 RPM 120 PP 750 SPM 58				90% RECOVERY			NOT CIRC OUT		CORE 3
I	I.25	BIT 8RR ACC WEASEL I2.25 WB IO-15 RPM 750 PP 750 SPM 58				100% RECOVERY					CORE 4
I	I.25	BIT 9 ACC WEASEL I2.25 WB IO-12 RPM 100-130 PP 750 SPM 58		I800		94% RECOVERY	I575		NOT CIRC OUT		CORE 5
I	I.25	BIT 9RR WEASEL WB IO-12				100% RECOVERY			NOT CIRC OUT		CORE 6
I	I.25	BIT 9RR ACC WEASEL I2.25 WB IO-12 RPM 110-130 PP 800 SPM 58				94% RECOVERY					CORE 7
I	I.25	BIT 9RR ACC WEASEL I2.25 WB IO-15 RPM 110-120 PP 1050 SPM 66				82% RECOVERY			CI ONLY		CORE 8
I	I.25	BIT 10 HIC XIG I2.25 WB IO-16/16									

LOGARITHMIC SCALE