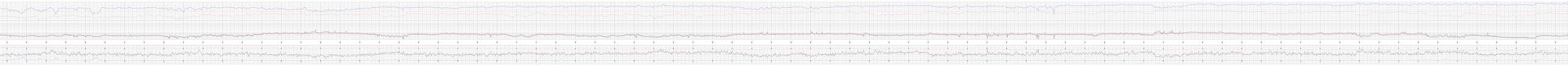
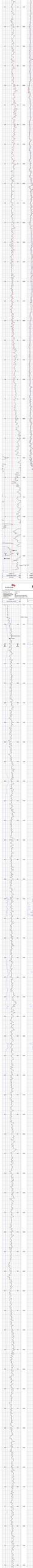
Schlumberger
Gamma Ray (GAPI)
Caliper (in)
Bit Size (in)
Neutron Porosity (dec)
Density (g/cm3)
Photoelectric Factor (b/e)
Resistivity (ohmm)
Deep Resistivity (ohmm)
Medium Resistivity (ohmm)
Shallow Resistivity (ohmm)
Delta Rho (g/cm3)
Rho Correction (g/cm3)
Pe Correction (b/e)
Neutron Porosity Correction (dec)
Gamma Ray Correction (GAPI)
Caliper Correction (in)
Bit Size Correction (in)
Deep Resistivity Correction (ohmm)
Medium Resistivity Correction (ohmm)
Shallow Resistivity Correction (ohmm)
Delta Rho Correction

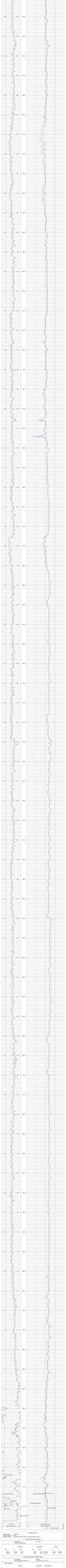




PRODUCED BY

MAIN PASS

Company:	Petrophysics Inc.
Well:	Well-1
Field:	Field-1
Location:	Location-1
Country:	Country-1
Service Company:	Service Company-1
Logging Date:	01-Jan-2024
Run Number:	1
Depth Driller:	2000 m
Depth Logger:	2000 m
Bottom Log Interval:	2000 m
Top Log Interval:	0 m
Drilling Fluid Type:	Water-based mud
Max Recorded Temperature:	80 °C
Max Recorded Temperature Time:	12 hours
Casing Depth:	500 m
Casing Size:	13.375 in
Hole Size:	17.5 in


Lithology Column
Sample Description
Gamma Ray (GR)
Caliper (CALI)
Bit Size (BS)
Deep Resistivity (RDEP)
Medium Resistivity (RMED)
Shallow Resistivity (RSHA)
Neutron Porosity (NPHI)
Density Porosity (DPHI)
Density (RHOB)
Photoelectric Factor (PEF)
Delta Rho (DRHO)
Compressional Slowness (DTCO)
Shear Slowness (DTSM)
Stoneley Slowness (DTST)
Mud Weight (MW)
Temperature (TEMP)
Gamma Ray Scale
Caliper Scale
Resistivity Scale
Porosity Scale
Density Scale
Slowness Scale
Depth Track
Gamma Ray Track
Resistivity Track
Porosity Track
Density Track
Slowness Track
Mud Weight Track
Temperature Track
Header
Footer
Grid
Curve
Legend
Scale
Depth
Track
Log
Well
Formation
Lithology
Sand
Shale
Limestone
Dolomite
Coal
Anhydrite
Salt
Gypsum
Chert
Conglomerate
Siltstone
Mudstone
Claystone
Sandstone
Interbedded
Unknown
Fossiliferous
Calcareous
Argillaceous
Arenaceous
Carbonaceous
Glauconitic
Pyritic
Micaceous
Oolitic
Bioclastic
Reef
Evaporite
Tight
Porous
Permeable
Impermeable
Fractured
Vuggy
Cavernous
Laminated
Massive
Bedded
Cross-bedded
Graded
Slumped
Deformed
Faulted
Folded
Unconformity
Contact
Gradational
Sharp
Erosional
Depositional
Diagenetic
Metamorphic
Igneous
Volcanic
Intrusive
Extrusive
Basalt
Granite
Andesite
Rhyolite
Tuff
Ash
Pumice
Obsidian
Scoria
Lava
Dike
Sill
Batholith
Stock
Laccolith
Volcano
Caldera
Fumarole
Geyser
Hot Spring
Mud Volcano
Pillow Lava
Columnar Jointing
Hydrothermal Vent
Black Smoker
White Smoker
Chimney
Sulfide Deposit
Manganese Nodule
Polymetallic Nodule
Cobalt Crust
Rare Earth Element
Uranium
Thorium
Potassium
Radioactive
Nuclear Waste
Spent Fuel
Reprocessing
Enrichment
Centrifuge
Gaseous Diffusion
Laser Isotope Separation
Plasma Separation
Electromagnetic Isotope Separation
Aerodynamic Isotope Separation
Chemical Exchange
Ion Exchange
Solvent Extraction
Precipitation
Crystallization
Filtration
Centrifugation
Evaporation
Distillation
Condensation
Sublimation
Deposition
Erosion
Weathering
Transportation
Sedimentation
Lithification
Compaction
Cementation
Recrystallization
Metamorphism
Igneous Rock
Sedimentary Rock
Metamorphic Rock
Rock Cycle
Plate Tectonics
Subduction
Seafloor Spreading
Continental Drift
Mantle Convection
Hotspot
Mid-Ocean Ridge
Transform Fault
Convergent Boundary
Divergent Boundary
Earthquake
Seismic Wave
Epicenter
Focus
Richter Scale
Moment Magnitude
Mercalli Intensity
Tsunami
Volcanic Eruption
Pyroclastic Flow
Lahar
Volcanic Ash
Volcanic Gas
Sulfur Dioxide
Carbon Dioxide
Water Vapor
Hydrogen Sulfide
Methane
Ammonia
Chlorine
Fluorine
Boron
Arsenic
Mercury
Lead
Zinc
Copper
Iron
Nickel
Cobalt
Manganese
Chromium
Vanadium
Titanium
Aluminum
Silicon
Oxygen
Hydrogen
Carbon
Nitrogen
Sulfur
Phosphorus
Potassium
Calcium
Magnesium
Sodium
Chlorine
Fluorine
Iodine
Bromine
Boron
Arsenic
Mercury
Lead
Zinc
Copper
Iron
Nickel
Cobalt
Manganese
Chromium
Vanadium
Titanium
Aluminum
Silicon
Oxygen
Hydrogen
Carbon
Nitrogen
Sulfur
Phosphorus
Potassium
Calcium
Magnesium
Sodium
Chlorine
Fluorine
Iodine
Bromine

Magnesium	1.750	g/cc	5781.01	7666.81	cps
Aluminum	2.690	g/cc	1082.67	4886.43	cps

	Size		Reading
Small Ring		in	
Medium Ring		in	
Large Ring		in	

Compensated Neutron Calibration Report

Serial Number:	826
Tool Model:	PSI

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.9000
Long Space	1.00	cps	1.00	cps	2.1300

Gamma Ray Calibration Report

Serial Number:	939	
Tool Model:	PSI	
Performed:	Sat Apr 04 14:27:58 2015	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6300	GAPI/cps