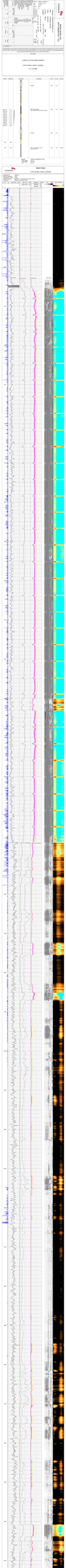
Schlumberger
Mud Logging Unit
Drilling Fluid Data
Mud Type: Water Based Mud
Density (ppg) In: 8.60
Density (ppg) Out: 8.60
Viscosity (s/qt) In: 28
Viscosity (s/qt) Out: 28
Chlorides (mg/l) In: 0
Chlorides (mg/l) Out: 0
Gas Ratio Data
Total Gas (%): 0.00
Ethane (ppm): 0
Propane (ppm): 0
Isobutane (ppm): 0
Normal Butane (ppm): 0
Isopentane (ppm): 0
Normal Pentane (ppm): 0
Lithology
Sandstone
Siltstone
Shale
Limestone
Dolomite
Anhydrite
Coal
Salt
Chert
Gypsum
Conglomerate
Marl
Tuff
Basement
Cuttings Description
Sandstone: Clear, Translucent, Frosted, Fine Grained, Moderately Sorted, Subangular, Subrounded, Quartzose, Calcareous Cement, Poor Visible Porosity, No Oil Stain, No Fluorescence, No Cut
Shale: Dark Gray, Gray, Firm, Blocky, Subfissile, Calcareous, Micaceous, Carbonaceous
Limestone: Mudstone, Wackestone, Packstone, Grainstone, Boundstone, Crystalline, Fossiliferous, Oolitic, Pisolitic, Chalky
Dolomite: Crystalline, Sucrosic, Vuggy, Intercrystalline, Fossiliferous
Anhydrite: White, Translucent, Massive, Nodular, Fibrous
Coal: Black, Brown, Bituminous, Anthracite, Lignite
Salt: Halite, Rock Salt, Evaporite
Chert: Gray, Black, Brown, Nodular, Bedded
Gypsum: White, Translucent, Massive, Fibrous, Selenite
Conglomerate: Polymictic, Oligomictic, Clast Supported, Matrix Supported
Marl: Calcareous Mudstone, Argillaceous Limestone
Tuff: Volcanic Ash, Pyroclastic, Vitric, Crystal, Lithic
Basement: Igneous, Metamorphic, Granite, Gneiss, Schist
Drilling Parameters
Rate of Penetration (ft/hr)
Weight on Bit (klbs)
Rotary Speed (rpm)
Standpipe Pressure (psi)
Pump Rate (gpm)
Torque (ft-lbs)
Hookload (klbs)
Mud Logging Unit
Schlumberger
Mud Logging Unit
Schlumberger
Mud Logging Unit
Schlumberger

PIONEER

END OF MAIN

PIONEER

REPEAT SECTION

PIONEER

END OF REPEAT

PIONEER

Calibration Report

Calibration Performed: 2020-08-13 09:48:28 Eastern Daylight Time (UTC-04:00)

Device Under Test: Calibration Report

Analog Reader Serial Number: 0000
Calibration Date: 2020-08-13 09:48:28 (EDT)
Calibration Interval: 24HR
Standard Lab Reading Temperature: 73 °F
Humidity: 50%
Barometric Pressure: 14.7 PSIA

Reproduction Permitted Without Approval Calibration Report

Analog Reader Serial Number: 0000
Calibration Interval Required: 24HR
Calibration Due Date: 2020-08-14 09:48:28 (EDT)

Device Under Test: Calibration Report

Calibration Performed: 2020-08-13 09:48:28 (EDT)

Test Point | Calibration Data | Results

Test Point	Calibration Data			Results	
	Min	Max	Actual	Min	Max
A	0.000	0.100	0.000	0.000	0.100
B	0.900	1.100	1.000	0.900	1.100
C	1.900	2.100	2.000	1.900	2.100
D	2.900	3.100	3.000	2.900	3.100
E	3.900	4.100	4.000	3.900	4.100
F	4.900	5.100	5.000	4.900	5.100
G	5.900	6.100	6.000	5.900	6.100
H	6.900	7.100	7.000	6.900	7.100
I	7.900	8.100	8.000	7.900	8.100
J	8.900	9.100	9.000	8.900	9.100
K	9.900	10.100	10.000	9.900	10.100

Internal Performance Calibration, performed Wed Aug 12 11:59:58 (EDT)

Test Point | Calibration Data | Results

Test Point	Calibration Data			Results	
	Min	Max	Actual	Min	Max
CAL	4.900	5.100	5.000	4.900	5.100

Ver Sens Calibration Wed Aug 12 11:59:58 (EDT)

Test Point | Calibration Data | Results

Test Point	Calibration Data			Results	
	Min	Max	Actual	Min	Max
A	0.000	0.100	0.000	0.000	0.100
B	0.900	1.100	1.000	0.900	1.100
C	1.900	2.100	2.000	1.900	2.100
D	2.900	3.100	3.000	2.900	3.100
E	3.900	4.100	4.000	3.900	4.100
F	4.900	5.100	5.000	4.900	5.100
G	5.900	6.100	6.000	5.900	6.100
H	6.900	7.100	7.000	6.900	7.100
I	7.900	8.100	8.000	7.900	8.100
J	8.900	9.100	9.000	8.900	9.100
K	9.900	10.100	10.000	9.900	10.100

PIONEER

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Page: Printed in U.S.A.
Date: 08-13-20
Time: 09:48:28
Serial:
Model: