PSI

COMPENSATED DENSITY
COMPENSATED NEUTRON
Combo Log

Company: Chesapeake Energy Corp.
Well: Lund 25-34
Field: Wattenberg
County: Weld
State: Colorado
Location: 660' FSL & 2310' FWL
Sec: 34 Twp: 3N Rge: 66W
Elev: KB: 4,977 DF: 4,967 GL: 4,942

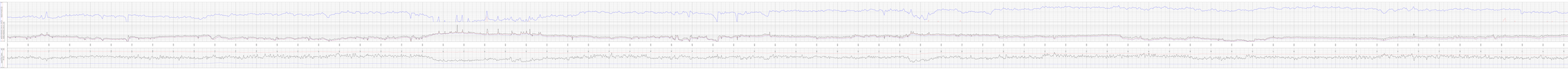
Date: 11-Apr-2008
Run: ONE
Depth Driller: 7,500
Depth Logger: 7,500
Bottom Log Interval: 7,500
Top Log Interval: 3,500
Casing Driller: 8.625 @ 0
Casing Logger: 0
Bit Size: 7.875
Type Fluid: Water
Density: 8.4
Viscosity: 28
Ph: 7
Fluid Loss: 0
Source of Sample: Flowline
Rm @ Meas. Temp: 0.0 @ 0
Rmf @ Meas. Temp: 0.0 @ 0
Rmc @ Meas. Temp: 0.0 @ 0
Rm @ BHT: 0.0 @ 0
Time Since Circ.: 0
Max. Rec. Temp.: 0
Equip. Location: Greeley
Recorded By: Jeff Ryan
Witnessed By: Mr. Jim Ryan

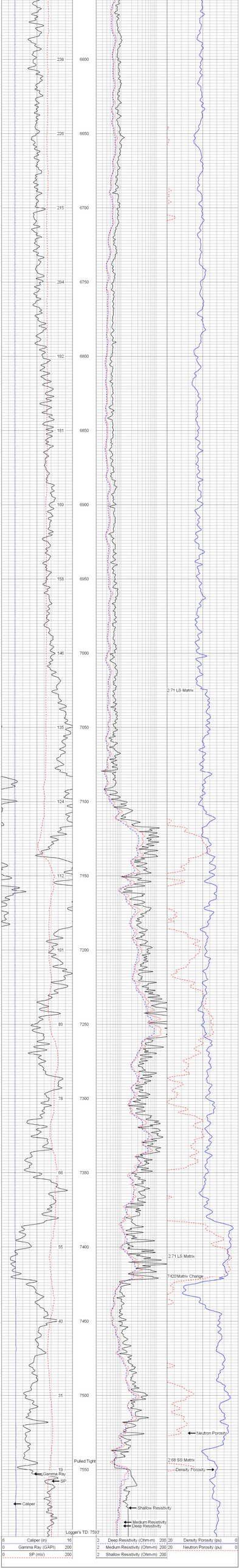
Tool Type/Serial No.
Density Sonde: 8.5 DGC 1
Neutron Sonde: 8.5 DGC 1
Density Calibrator: 8.5 DGC 1
Neutron Calibrator: 8.5 DGC 1
Density Source: 8.5 DGC 1
Neutron Source: 8.5 DGC 1
Density Detector: 8.5 DGC 1
Neutron Detector: 8.5 DGC 1
Mud Resistivity: Mud Scale
Mud Temperature: Mud Scale
Logging Unit: 3-1-1
Logging Engineer: Jeff Ryan
Operating Rig Time: 0 Hrs

Density Tool Type: Compensated Density
Density Tool Serial No.: 8.5 DGC 1
Density Tool Length: 0
Density Tool Weight: 0
Density Tool Diameter: 0
Density Tool Pad Type: Standard
Density Tool Pad Size: 0
Density Tool Pad Serial No.: 0
Density Tool Pad Spring Rate: 0
Density Tool Pad Spring Length: 0
Density Tool Pad Spring Diameter: 0
Density Tool Pad Spring Weight: 0
Density Tool Pad Spring Material: 0
Density Tool Pad Spring Type: 0
Density Tool Pad Spring Number: 0
Density Tool Pad Spring Position: 0
Density Tool Pad Spring Force: 0
Density Tool Pad Spring Deflection: 0
Density Tool Pad Spring Stiffness: 0
Density Tool Pad Spring Damping: 0
Density Tool Pad Spring Frequency: 0
Density Tool Pad Spring Amplitude: 0
Density Tool Pad Spring Phase: 0
Density Tool Pad Spring Velocity: 0
Density Tool Pad Spring Acceleration: 0
Density Tool Pad Spring Jerk: 0
Density Tool Pad Spring Snap: 0
Density Tool Pad Spring Crackle: 0
Density Tool Pad Spring Pop: 0
Density Tool Pad Spring Lock: 0
Density Tool Pad Spring Release: 0
Density Tool Pad Spring Reset: 0
Density Tool Pad Spring Test: 0
Density Tool Pad Spring Calibration: 0
Density Tool Pad Spring Error: 0
Density Tool Pad Spring Warning: 0
Density Tool Pad Spring Alarm: 0
Density Tool Pad Spring Status: 0
Density Tool Pad Spring Log: 0
Density Tool Pad Spring Data: 0
Density Tool Pad Spring Image: 0
Density Tool Pad Spring Video: 0
Density Tool Pad Spring Audio: 0
Density Tool Pad Spring Text: 0
Density Tool Pad Spring Comment: 0
Density Tool Pad Spring Note: 0
Density Tool Pad Spring Remark: 0
Density Tool Pad Spring Description: 0
Density Tool Pad Spring Specification: 0
Density Tool Pad Spring Manufacturer: 0
Density Tool Pad Spring Model: 0
Density Tool Pad Spring Serial No.: 0
Density Tool Pad Spring Date: 0
Density Tool Pad Spring Time: 0
Density Tool Pad Spring Location: 0
Density Tool Pad Spring Operator: 0
Density Tool Pad Spring Engineer: 0
Density Tool Pad Spring Witness: 0
Density Tool Pad Spring Comment: 0
Density Tool Pad Spring Note: 0
Density Tool Pad Spring Remark: 0
Density Tool Pad Spring Description: 0
Density Tool Pad Spring Specification: 0
Density Tool Pad Spring Manufacturer: 0
Density Tool Pad Spring Model: 0
Density Tool Pad Spring Serial No.: 0
Density Tool Pad Spring Date: 0
Density Tool Pad Spring Time: 0
Density Tool Pad Spring Location: 0
Density Tool Pad Spring Operator: 0
Density Tool Pad Spring Engineer: 0
Density Tool Pad Spring Witness: 0

Neutron Tool Type: Compensated Neutron
Neutron Tool Serial No.: 8.5 DGC 1
Neutron Tool Length: 0
Neutron Tool Weight: 0
Neutron Tool Diameter: 0
Neutron Tool Pad Type: Standard
Neutron Tool Pad Size: 0
Neutron Tool Pad Serial No.: 0
Neutron Tool Pad Spring Rate: 0
Neutron Tool Pad Spring Length: 0
Neutron Tool Pad Spring Diameter: 0
Neutron Tool Pad Spring Weight: 0
Neutron Tool Pad Spring Material: 0
Neutron Tool Pad Spring Type: 0
Neutron Tool Pad Spring Number: 0
Neutron Tool Pad Spring Position: 0
Neutron Tool Pad Spring Force: 0
Neutron Tool Pad Spring Deflection: 0
Neutron Tool Pad Spring Stiffness: 0
Neutron Tool Pad Spring Damping: 0
Neutron Tool Pad Spring Frequency: 0
Neutron Tool Pad Spring Amplitude: 0
Neutron Tool Pad Spring Phase: 0
Neutron Tool Pad Spring Velocity: 0
Neutron Tool Pad Spring Acceleration: 0
Neutron Tool Pad Spring Jerk: 0
Neutron Tool Pad Spring Snap: 0
Neutron Tool Pad Spring Crackle: 0
Neutron Tool Pad Spring Pop: 0
Neutron Tool Pad Spring Lock: 0
Neutron Tool Pad Spring Release: 0
Neutron Tool Pad Spring Reset: 0
Neutron Tool Pad Spring Test: 0
Neutron Tool Pad Spring Calibration: 0
Neutron Tool Pad Spring Error: 0
Neutron Tool Pad Spring Warning: 0
Neutron Tool Pad Spring Alarm: 0
Neutron Tool Pad Spring Status: 0
Neutron Tool Pad Spring Log: 0
Neutron Tool Pad Spring Data: 0
Neutron Tool Pad Spring Image: 0
Neutron Tool Pad Spring Video: 0
Neutron Tool Pad Spring Audio: 0
Neutron Tool Pad Spring Text: 0
Neutron Tool Pad Spring Comment: 0
Neutron Tool Pad Spring Note: 0
Neutron Tool Pad Spring Remark: 0
Neutron Tool Pad Spring Description: 0
Neutron Tool Pad Spring Specification: 0
Neutron Tool Pad Spring Manufacturer: 0
Neutron Tool Pad Spring Model: 0
Neutron Tool Pad Spring Serial No.: 0
Neutron Tool Pad Spring Date: 0
Neutron Tool Pad Spring Time: 0
Neutron Tool Pad Spring Location: 0
Neutron Tool Pad Spring Operator: 0
Neutron Tool Pad Spring Engineer: 0
Neutron Tool Pad Spring Witness: 0

Comments: Logged with 1000 psi on casing.

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226
215
204
192
181
169
158
146
135
124
112
101
89
78
66
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43
31
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6600
6650
6700
6750
6800
6850
6900
6950
7000
7050
7100
7150
7200
7250
7300
7350
7400
7450
7500
7550
2.71 LS Matrix
2.71 LS Matrix
7420'Matrix Change
Neutron Porosity
2.68 SS Matrix
Density Porosity
Pulled Tight
Gamma Ray
SP
Caliper
Shallow Resistivity
Medium Resistivity
Deep Resistivity
Logger's TD: 7553'
6 Caliper (in) 16
0 Gamma Ray (GAPI) 200
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0