HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company	COLT ENERGY, INC.
Well	KIRK # KH5
Field	IOLA
County	ALLEN
State	KANSAS

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Well KIRK # KH5
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Location: API # : 15-001-30252-0000

S/2 S/2 NE SW
1540' FSL & 3300' FEL

SEC 9 TWP 24S RGE 18E

Other Services
DIL

Permanent Datum	GL	Elevation	1014'
Log Measured From	GL		
Drilling Measured From	GL		

Elevation
K.B. ---
D.F. ---
G.L. 1014'

Date	1-18-2012		
Run Number	ONE		
Depth Driller	1090'		
Depth Logger	1066'		
Bottom Logged Interval	1064'		
Top Log Interval	SURFACE		
Casing Driller	8 5/8" @ 20'		
Casing Logger	8 5/8" @ 20'		
Bit Size	6 3/4"		
Type Fluid in Hole	MUD		
Density / Viscosity			
pH / Fluid Loss			
Source of Sample	PIT		
Rm @ Meas. Temp	2.10 @ 55		
Rmf @ Meas. Temp	2.52 @ 55		
Rmc @ Meas. Temp	1.68 @ 55		
Source of Rmf / Rmc			
Rm @ BHT			
Time Circulation Stopped			
Time Logger on Bottom	10:45 AM		
Maximum Recorded Temperature			
Equipment Number	OW2		
Location	HOMINY ,OK		
Recorded By	LOWERY	MARSHALL	
Witnessed By	MR. ASHLOCK		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

OW2-8034
MATRIX LIMESTONE 2.71 g/cc
ABHV COMPUTED WITH 2 7/8" CASING

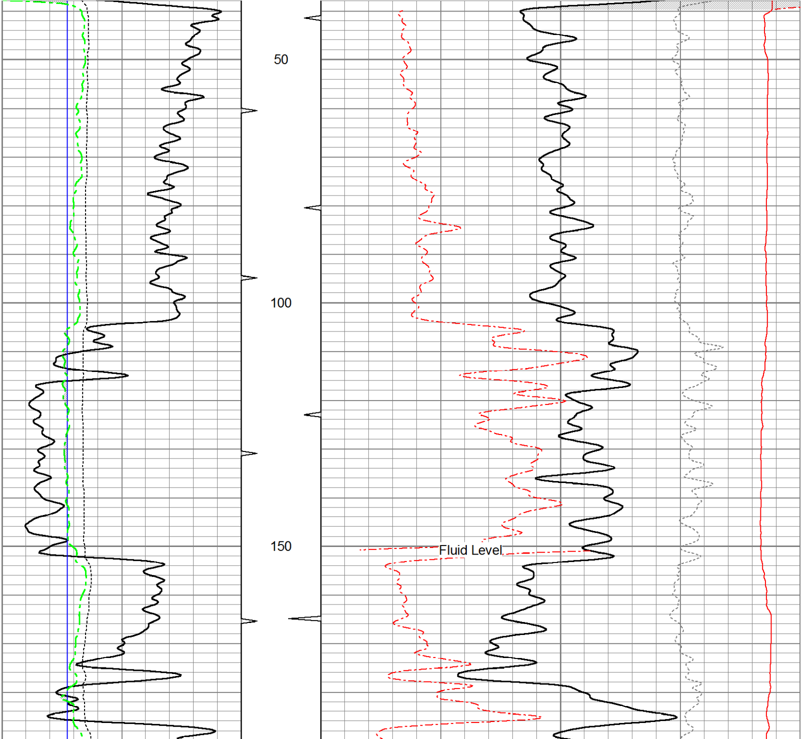
CREW : JOHNSON

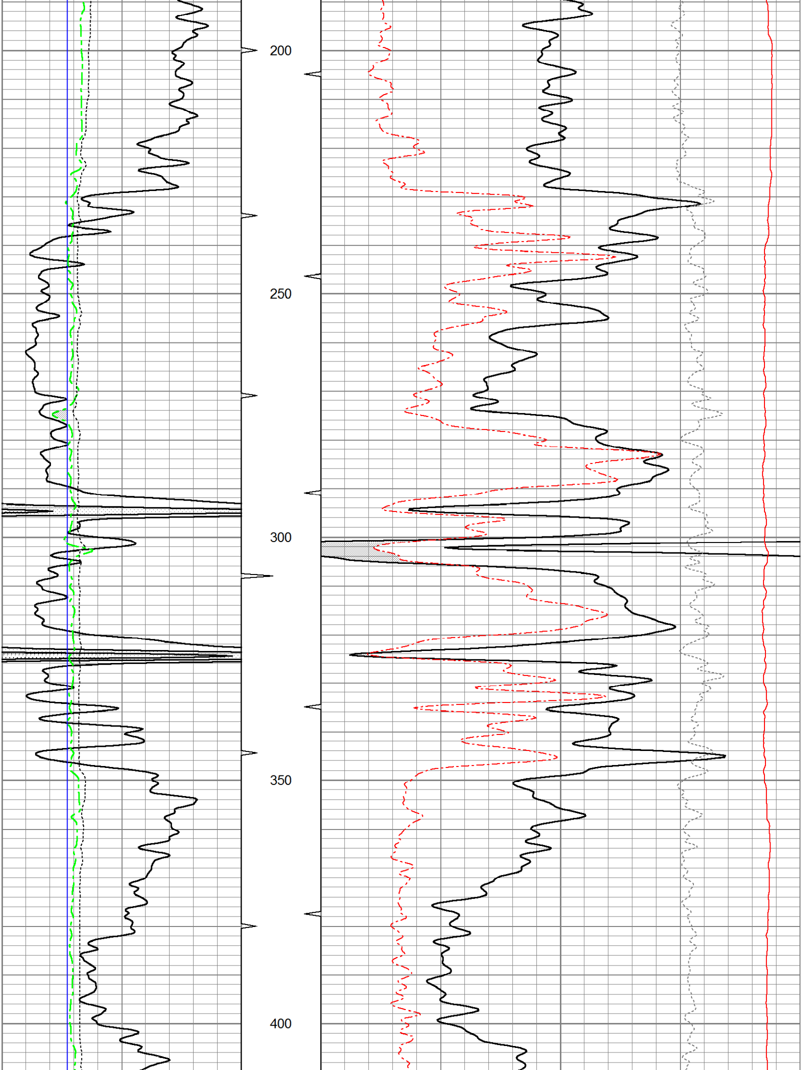
OSAGE WIRELINE

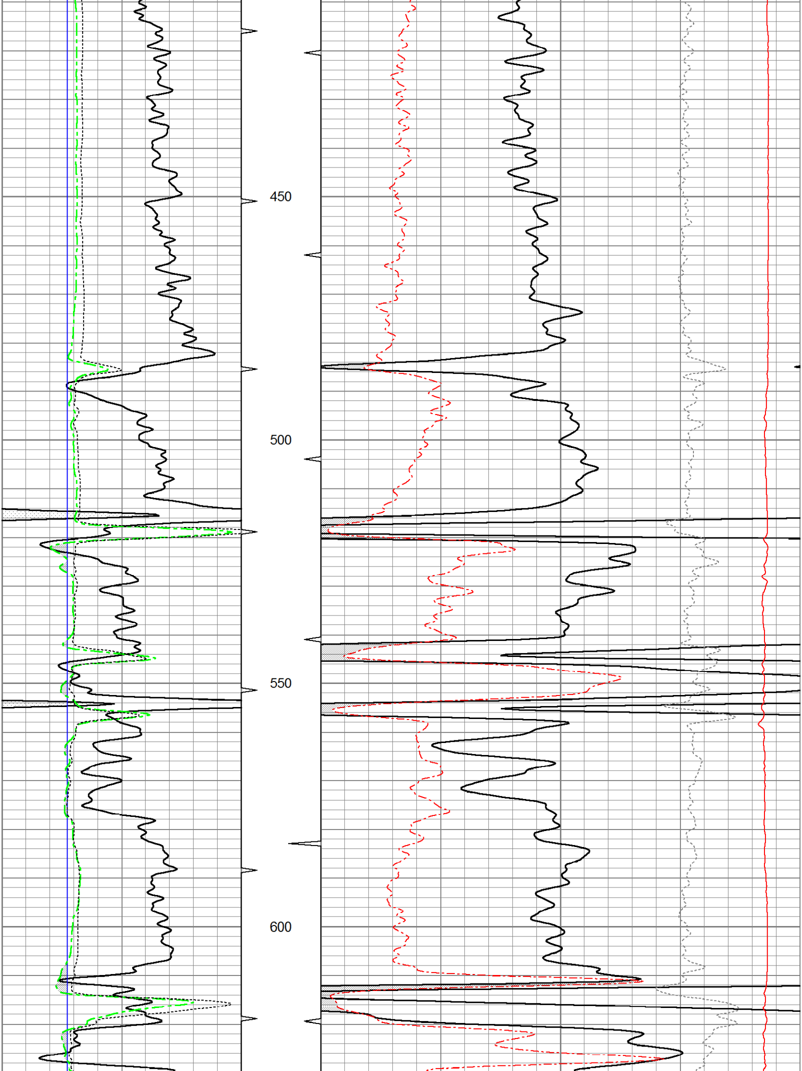
5" CDL/SWN SECTION

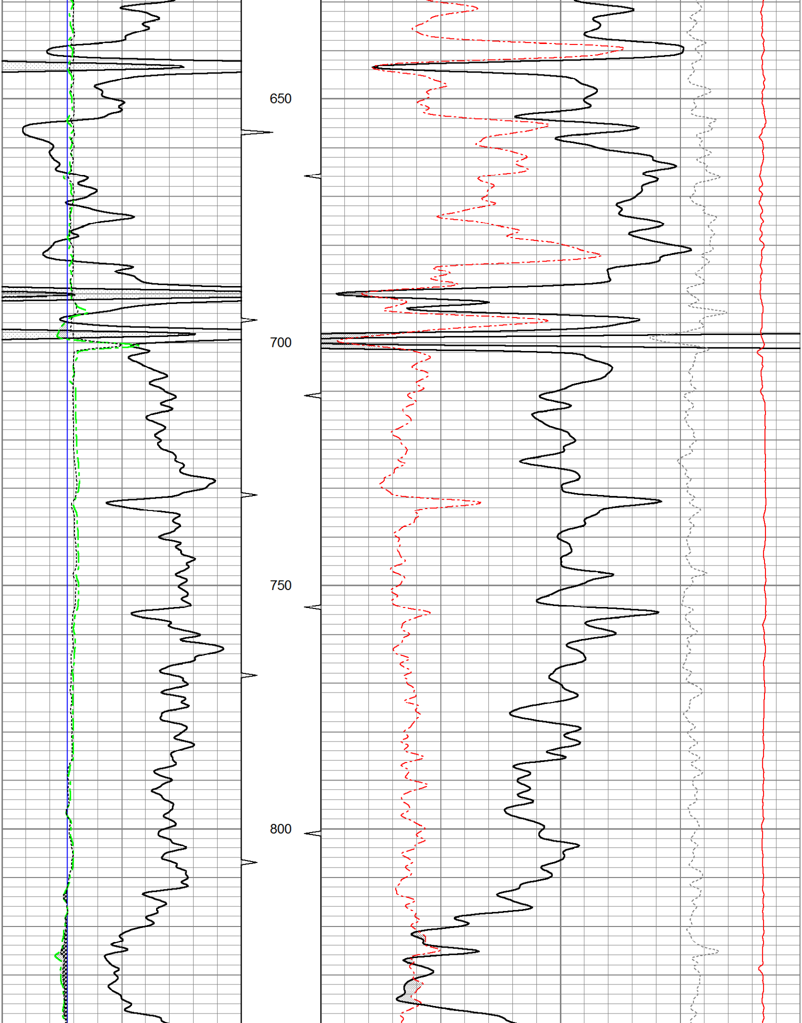
Database File:	ow2-8034 colt energy.db
Dataset Pathname:	CDL/pass1.3
Presentation Format:	_neu4
Dataset Creation:	Wed Jan 18 11:19:21 2012 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240

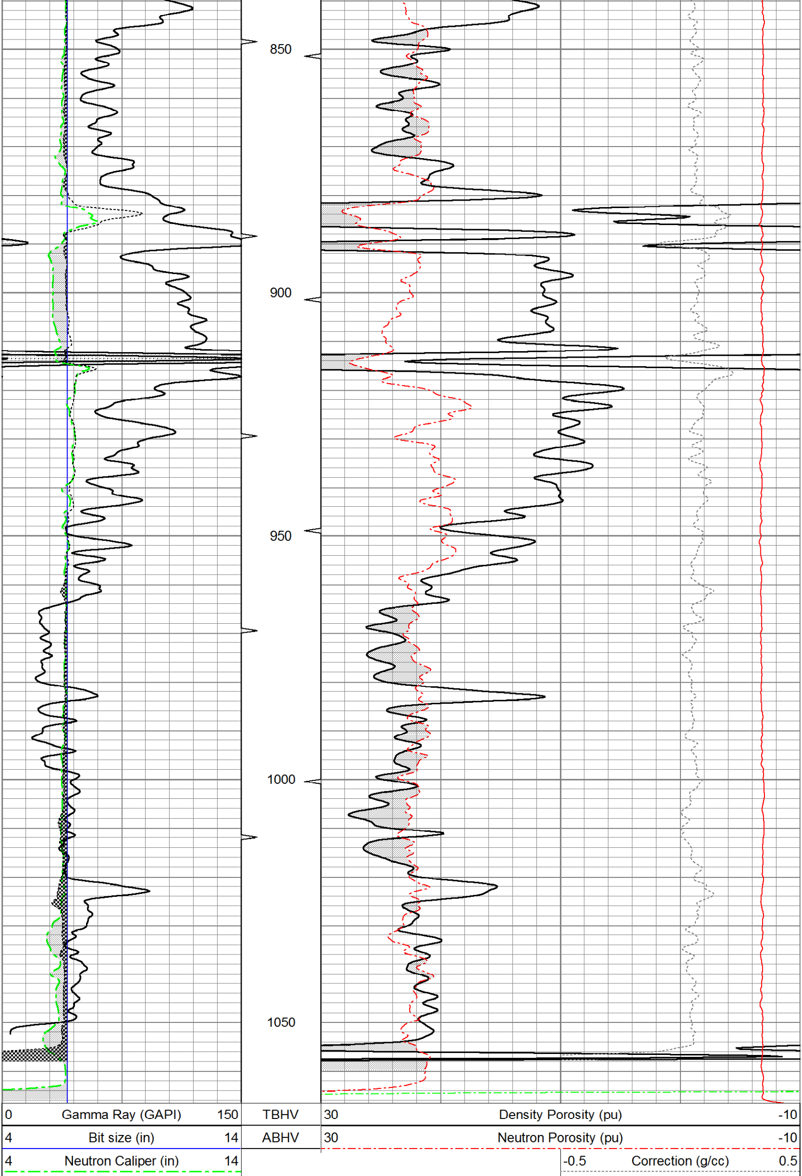
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14		5000	Line Tension (lb)	0











4 Density Caliper (in) 14

5000 Line Tension (lb) 0

OSAGE WIRELINE

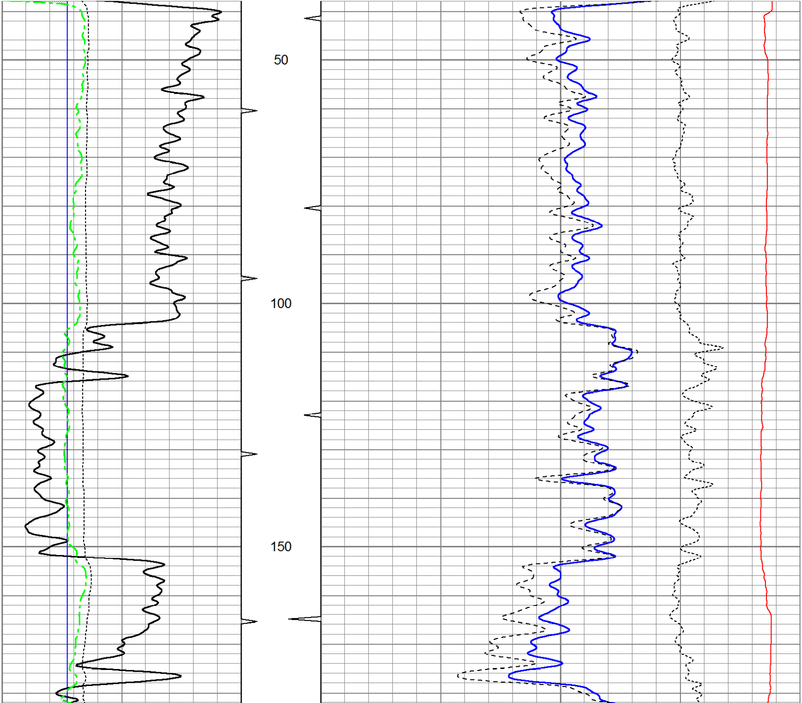
5" CDL SECTION

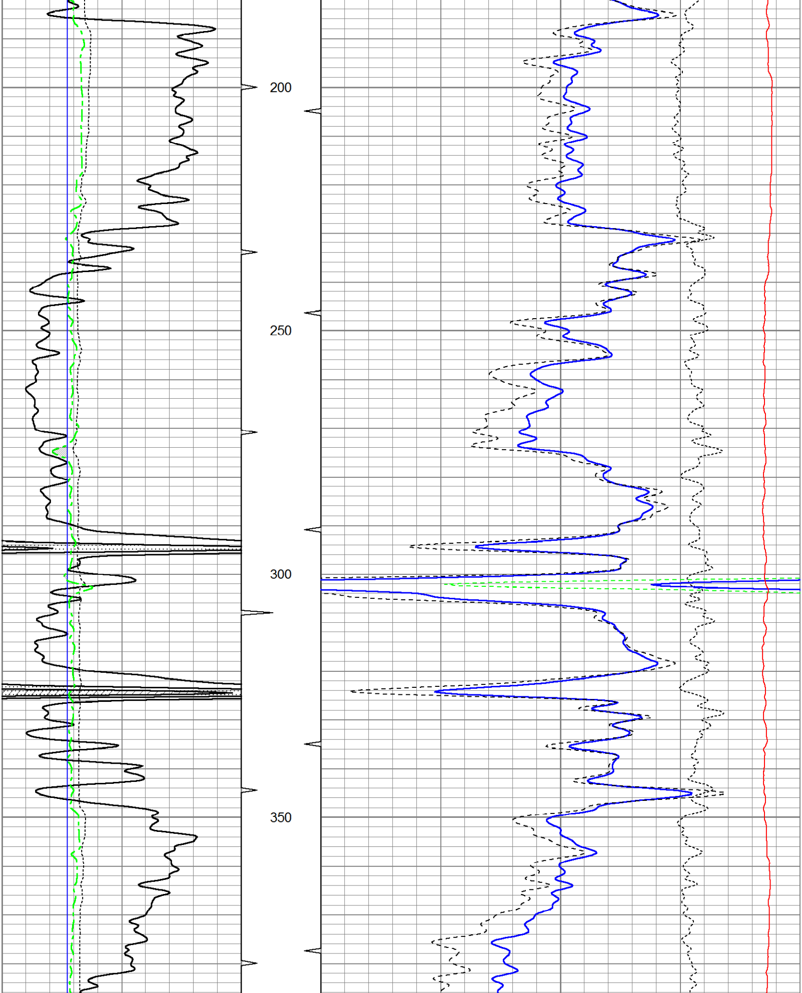
Database File: ow2-8034 colt energy.db
Dataset Pathname: CDL/pass1.2
Presentation Format: bulk4
Dataset Creation: Wed Jan 18 11:18:41 2012 by Calc SOC 110722
Charted by: Depth in Feet scaled 1:240

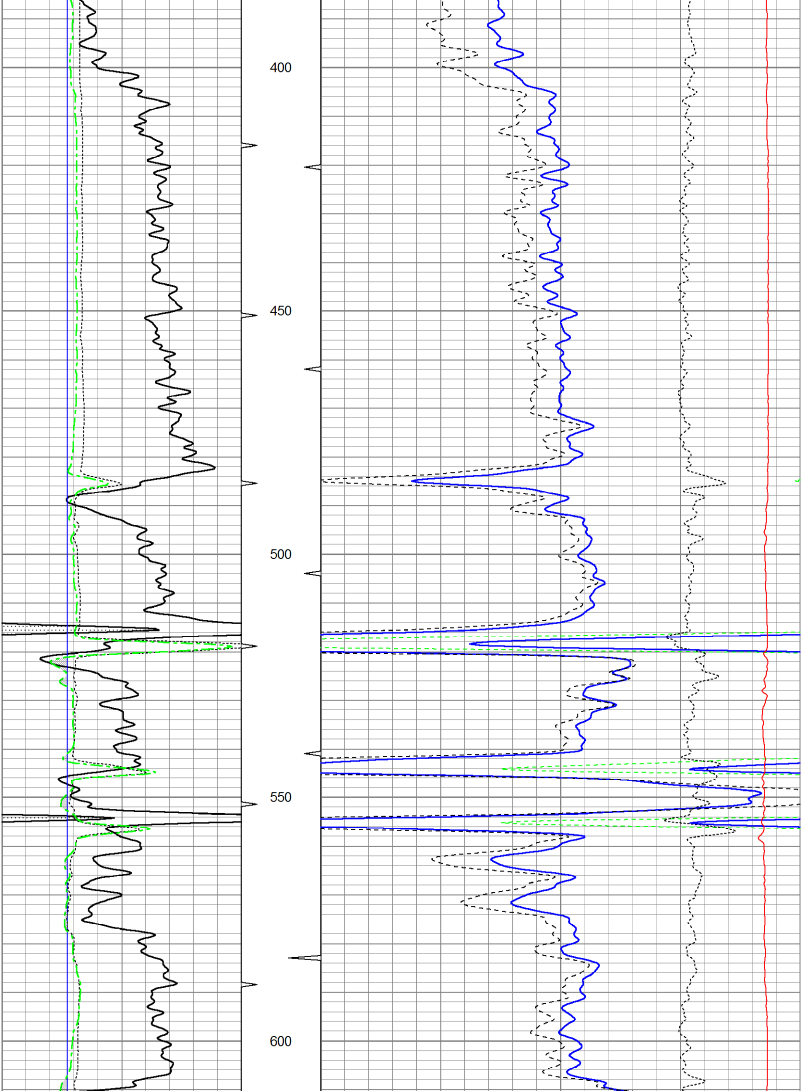
0 Gamma Ray (GAPI) 150
4 Bit size (in) 14
4 Density Caliper (in) 14
4 Neutron Caliper (in) 14

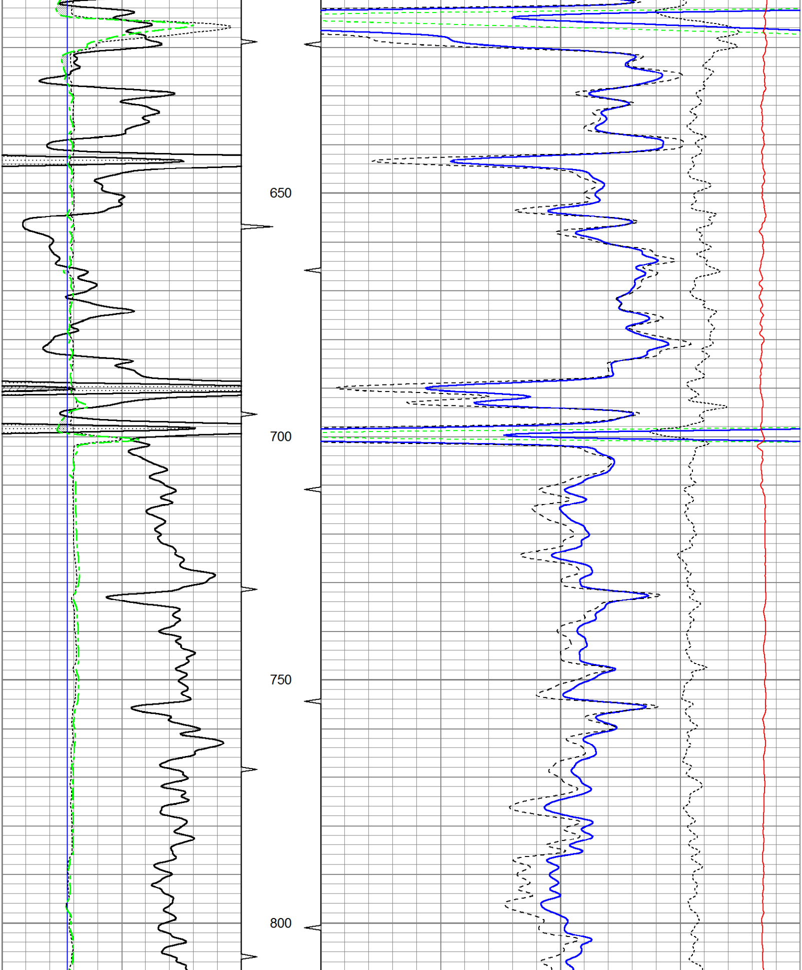
TBHV
ABHV

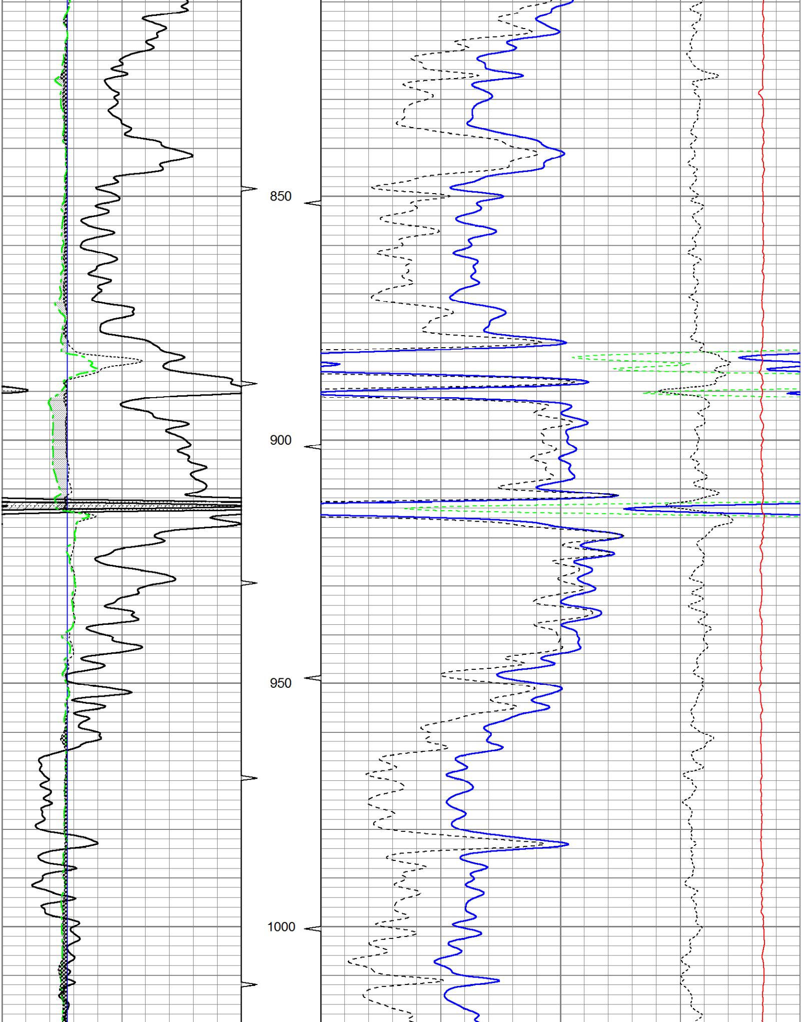
2 Bulk Density (g/cc) 3
30 Density porosity (pu) -10
-0.5 Correction (g/cc) 0.5
5000 Line Tension (lb) 0

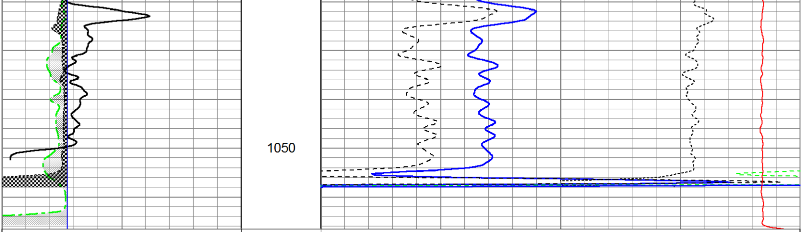










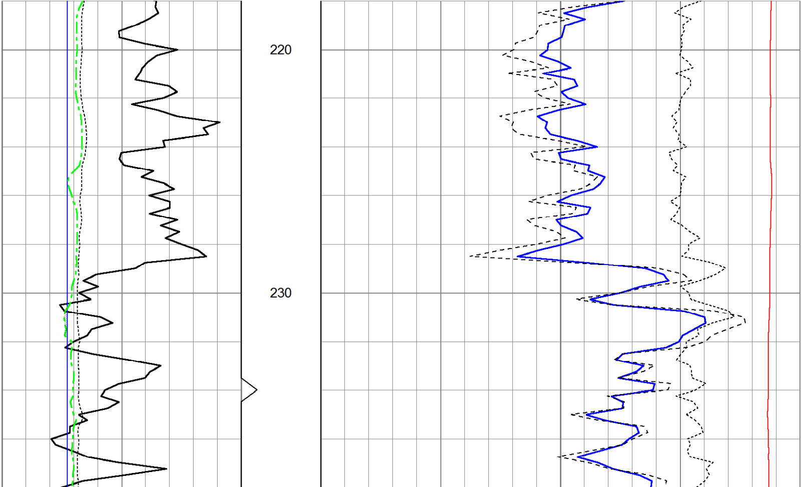


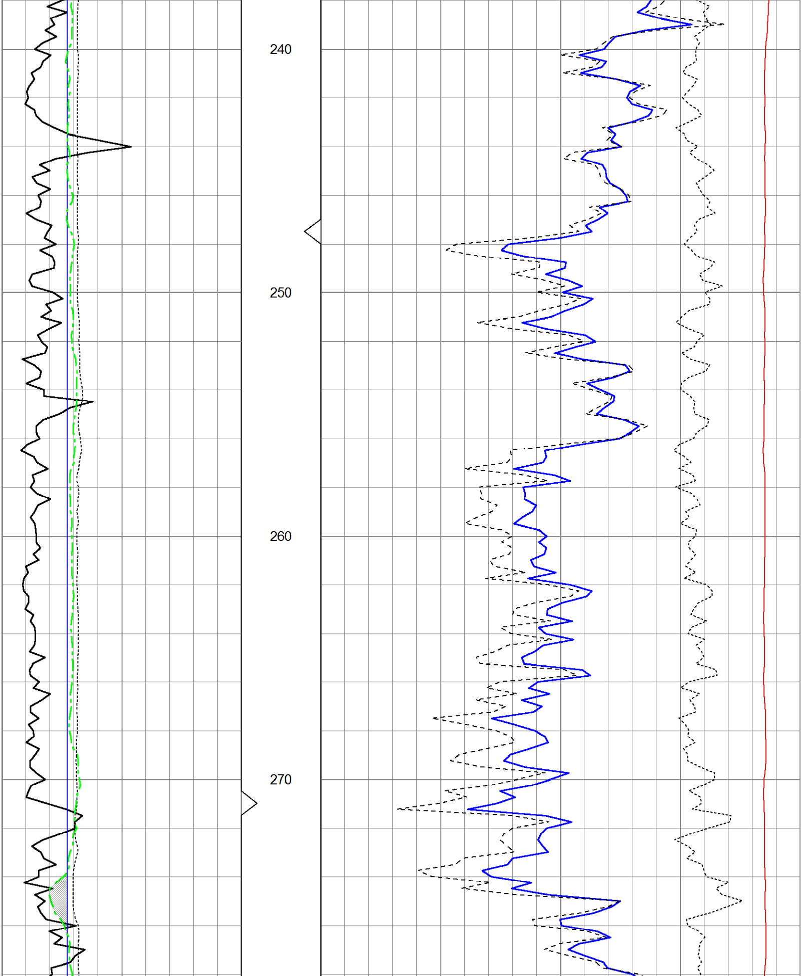
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

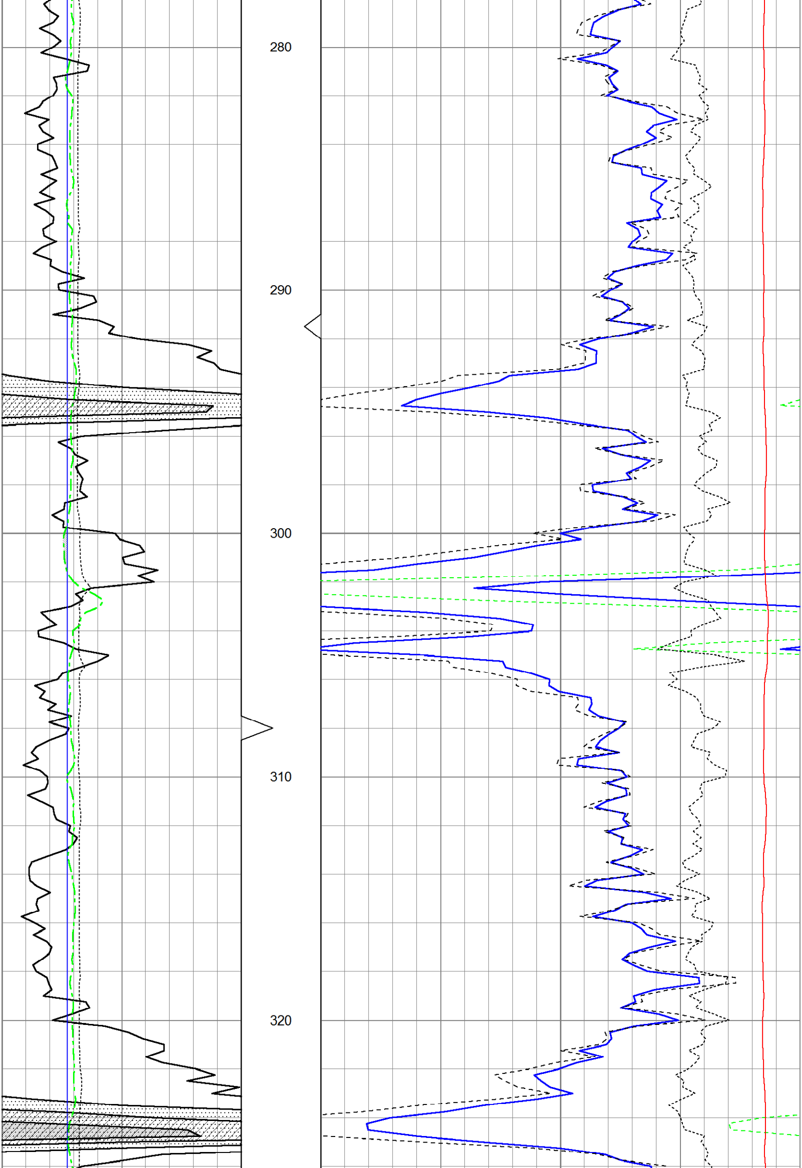
25" HR CDL SECTION

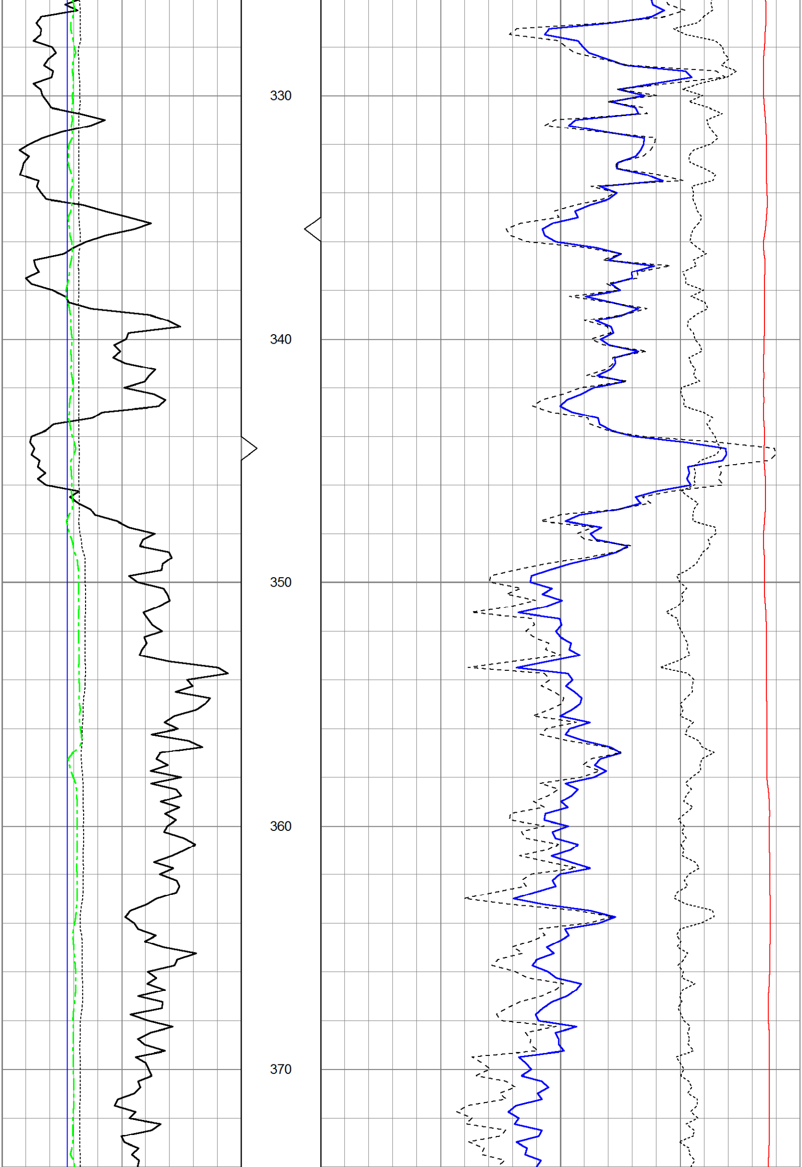
Database File:	ow2-8034 colt energy.db
Dataset Pathname:	CDL/pass1.4
Presentation Format:	bulk4hr
Dataset Creation:	Wed Jan 18 11:19:34 2012 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:48

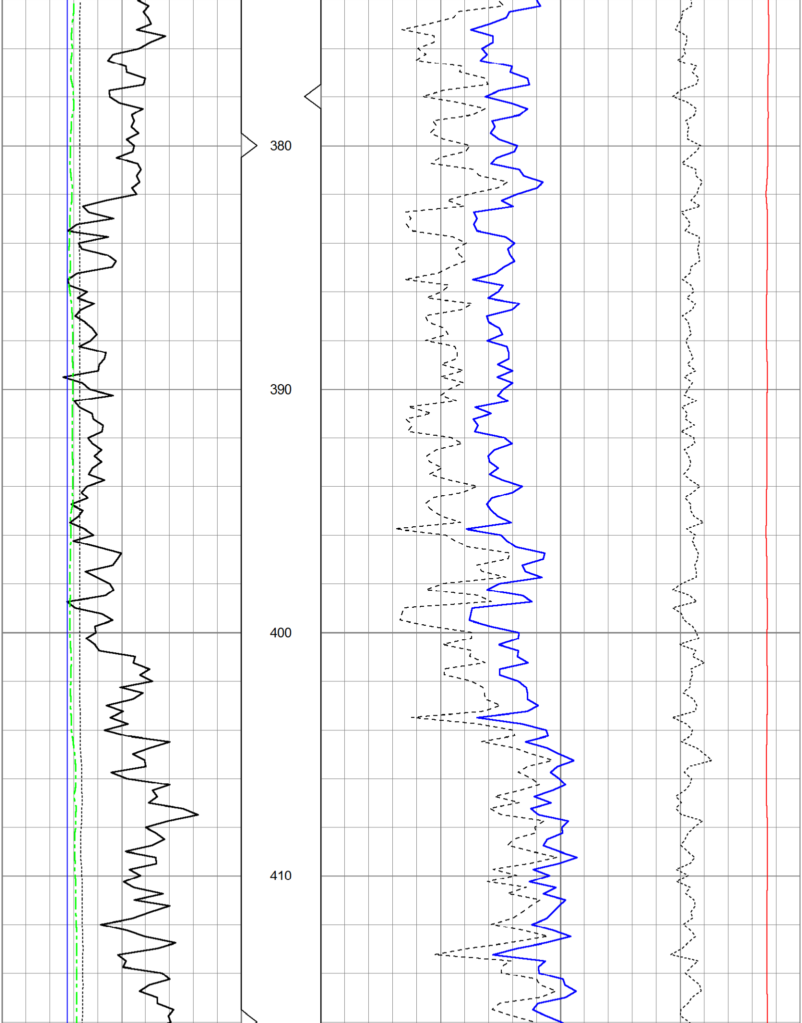
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

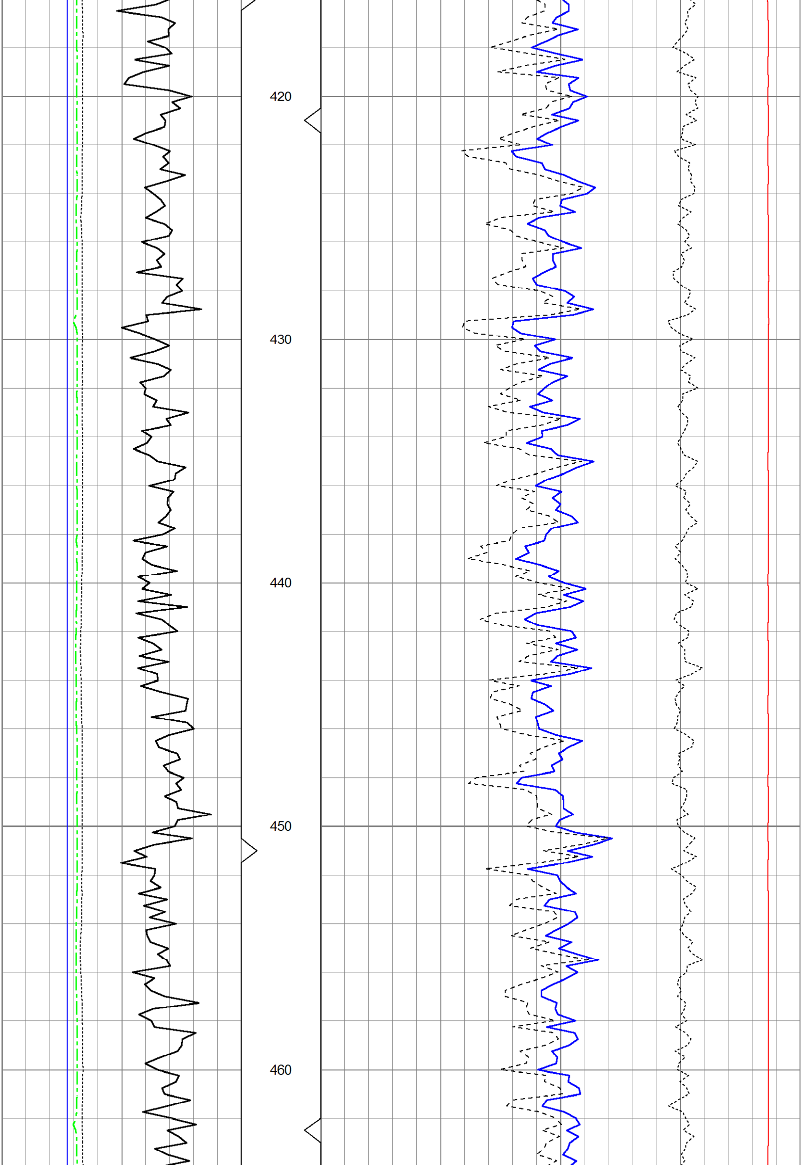


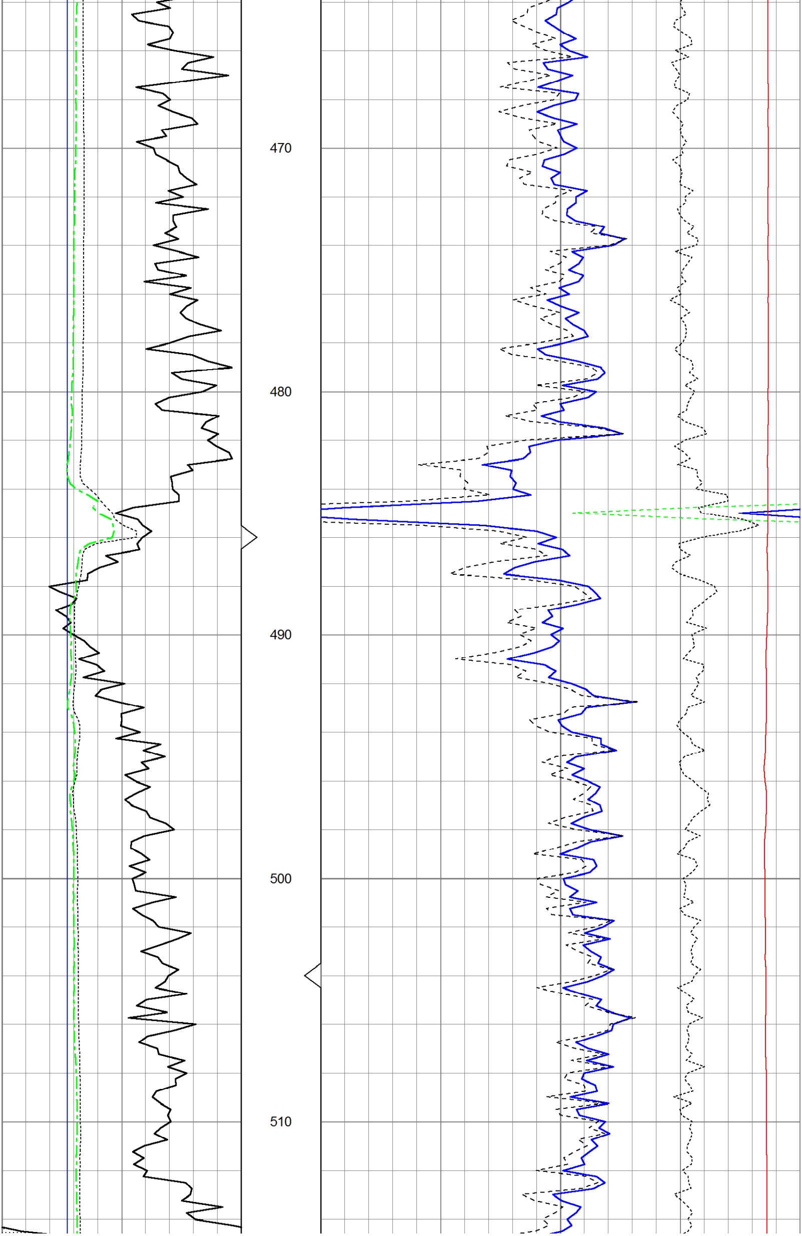


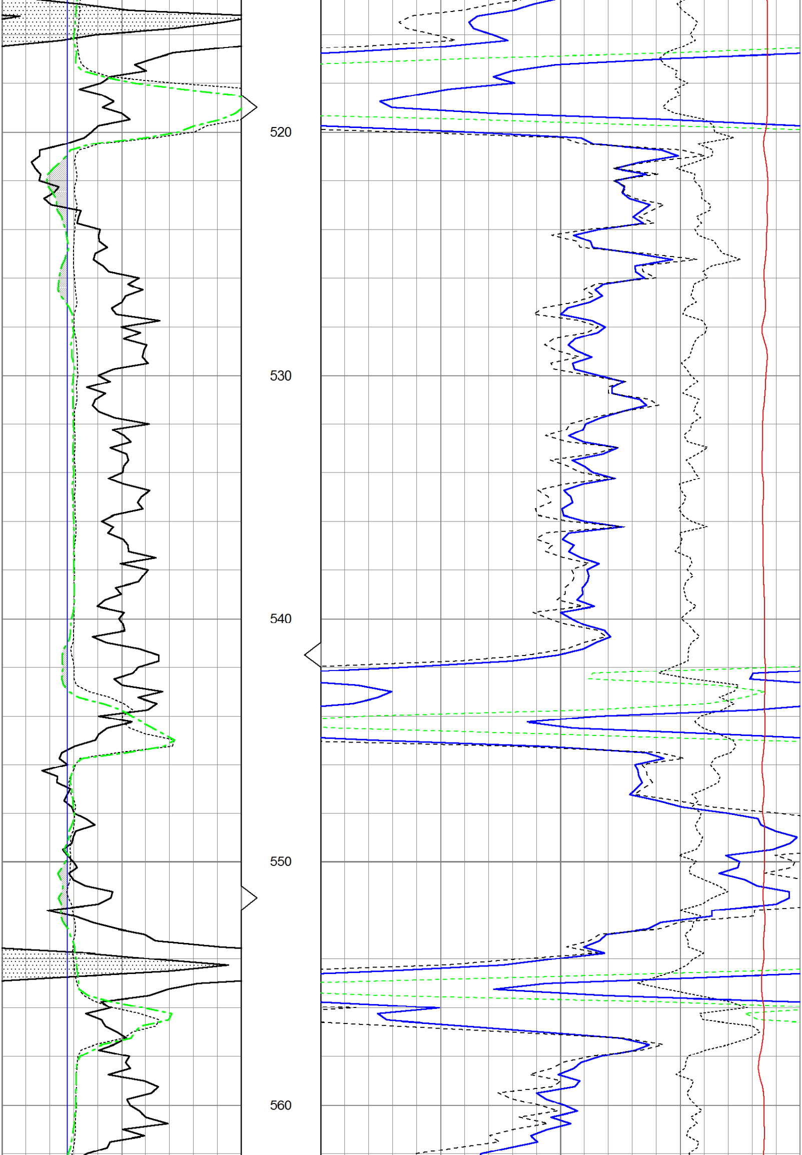


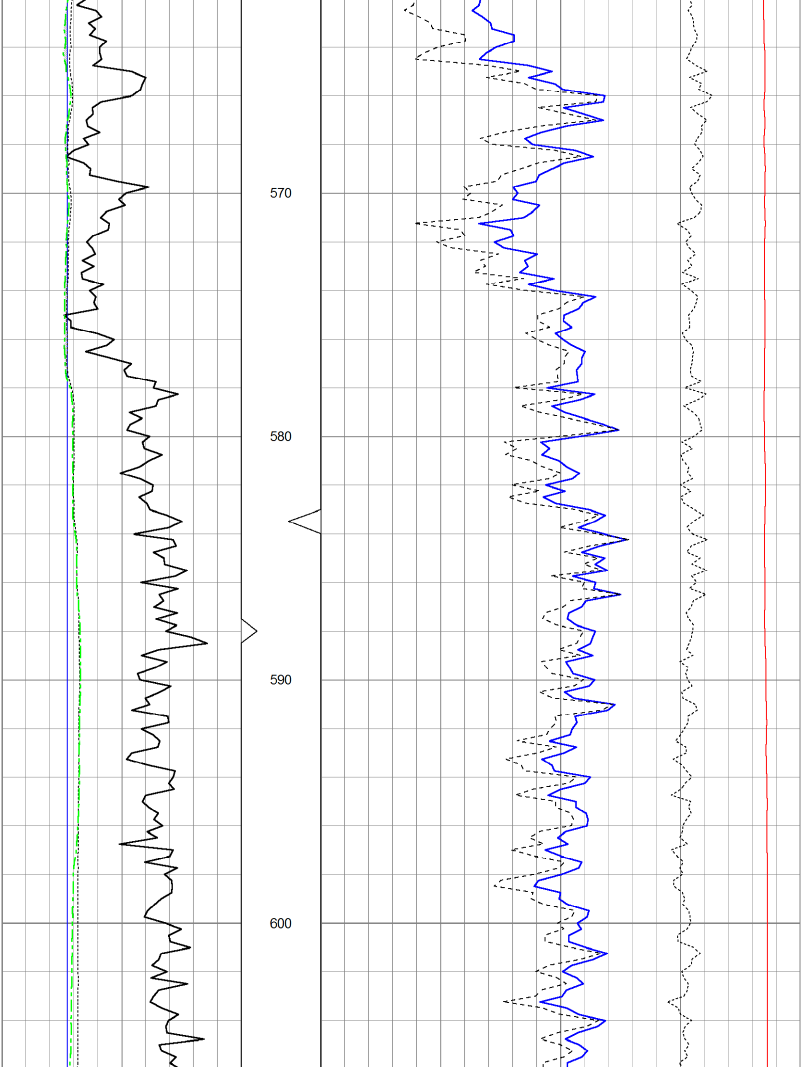


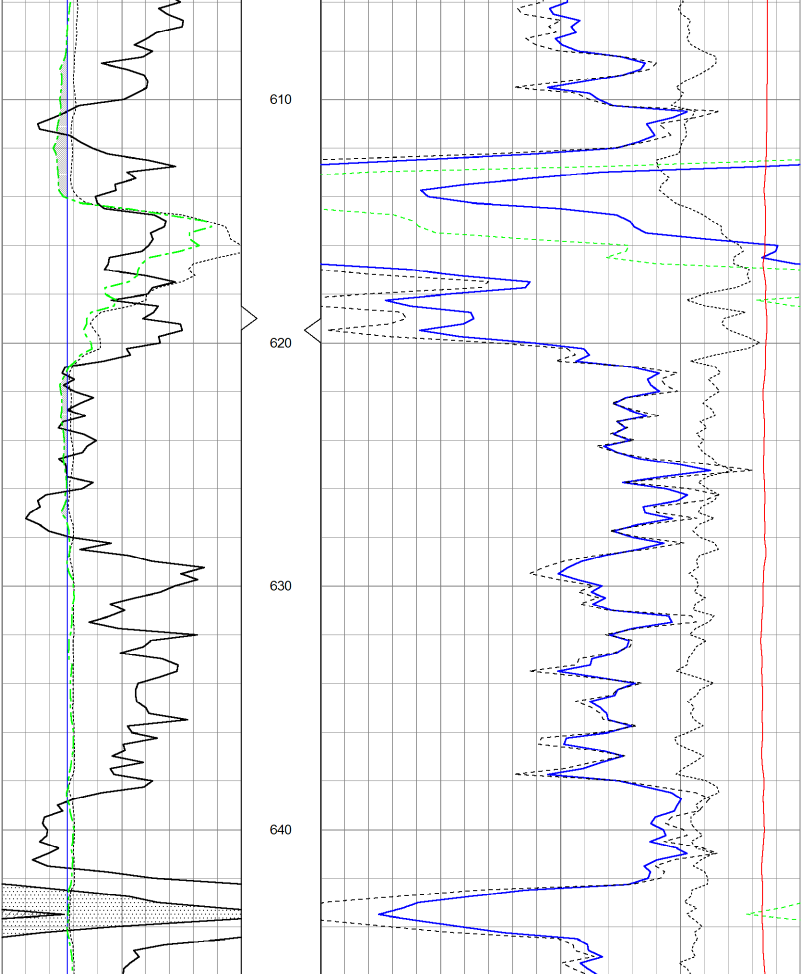


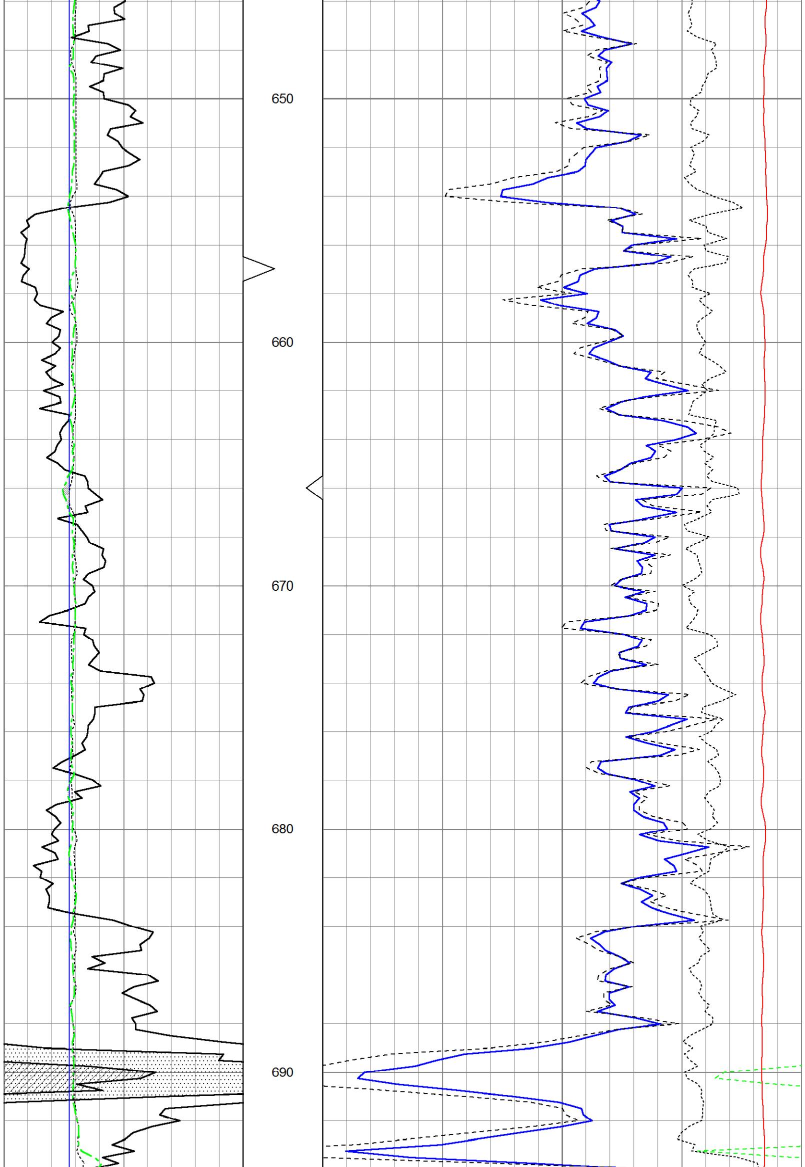


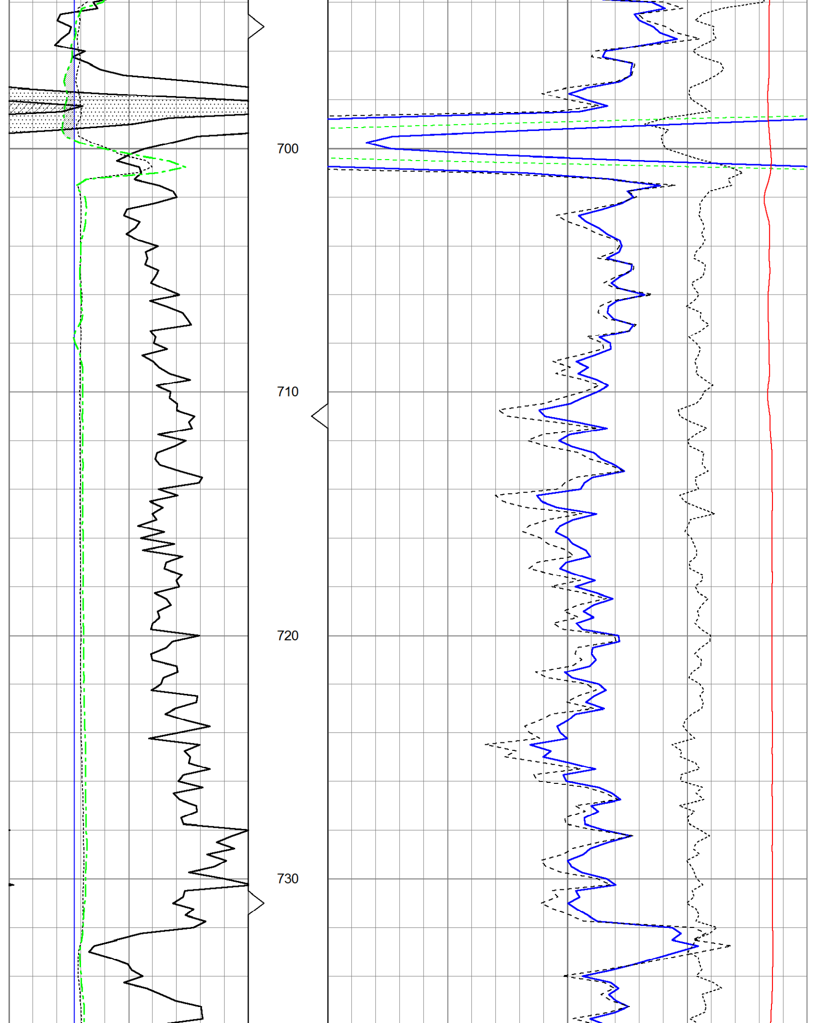


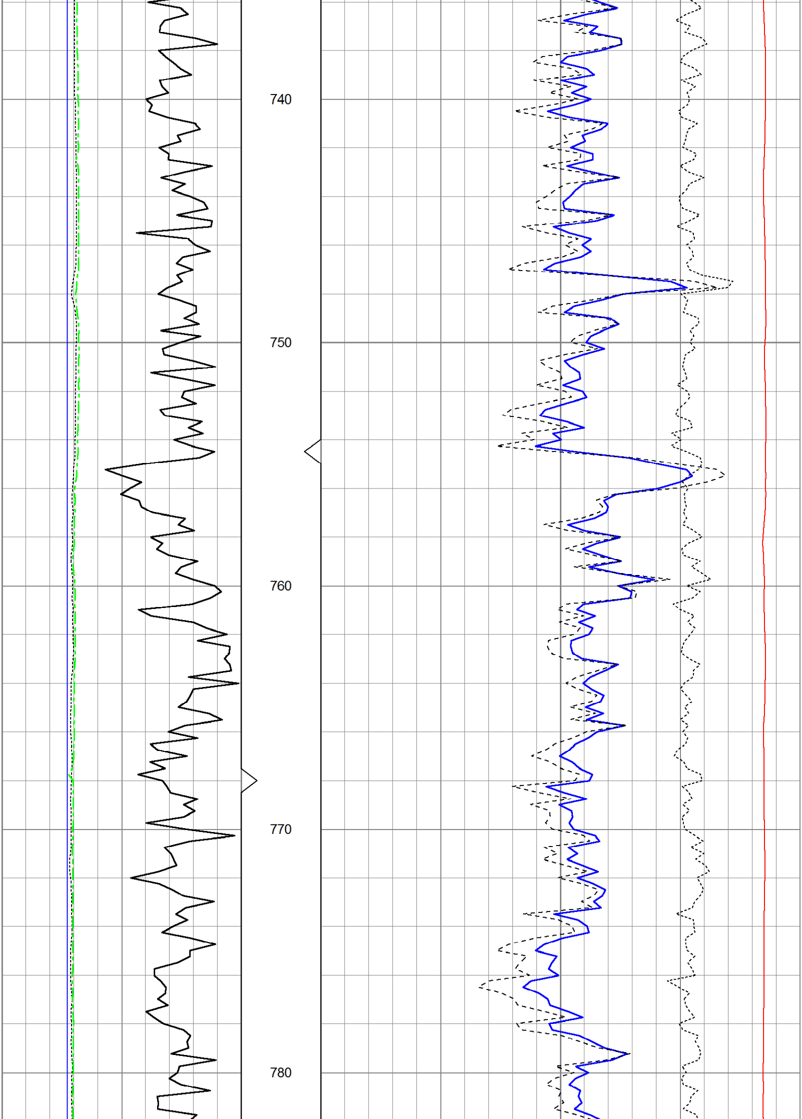


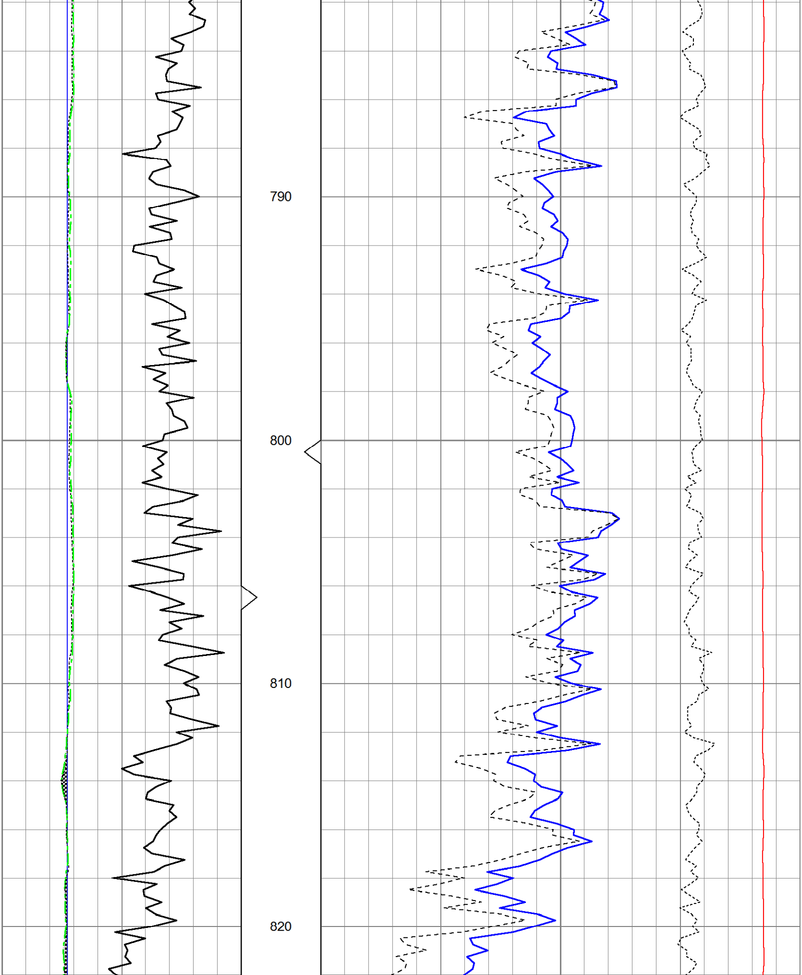


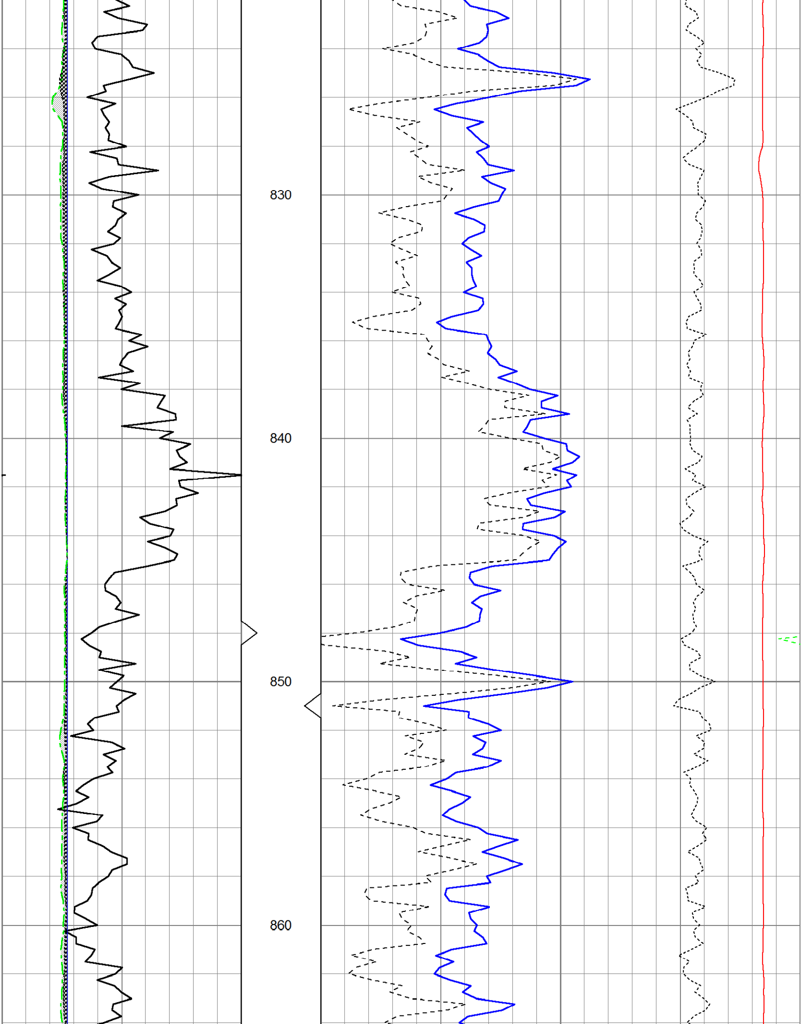


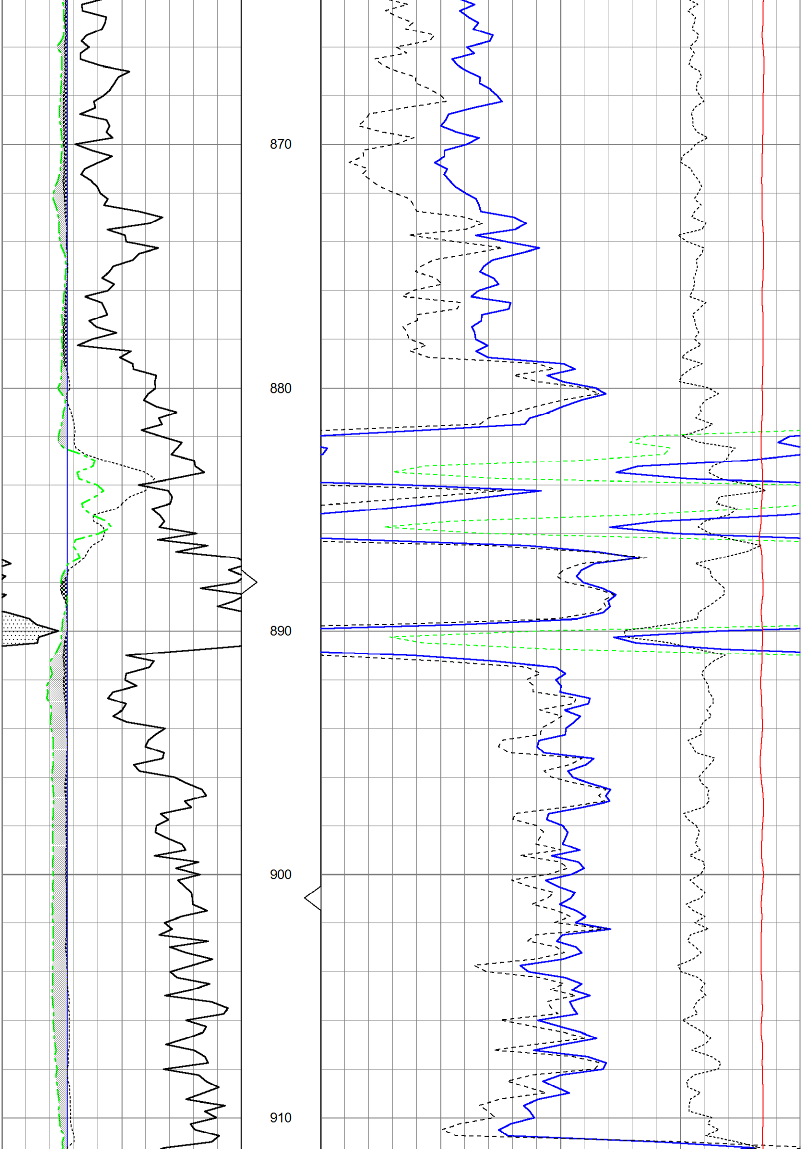


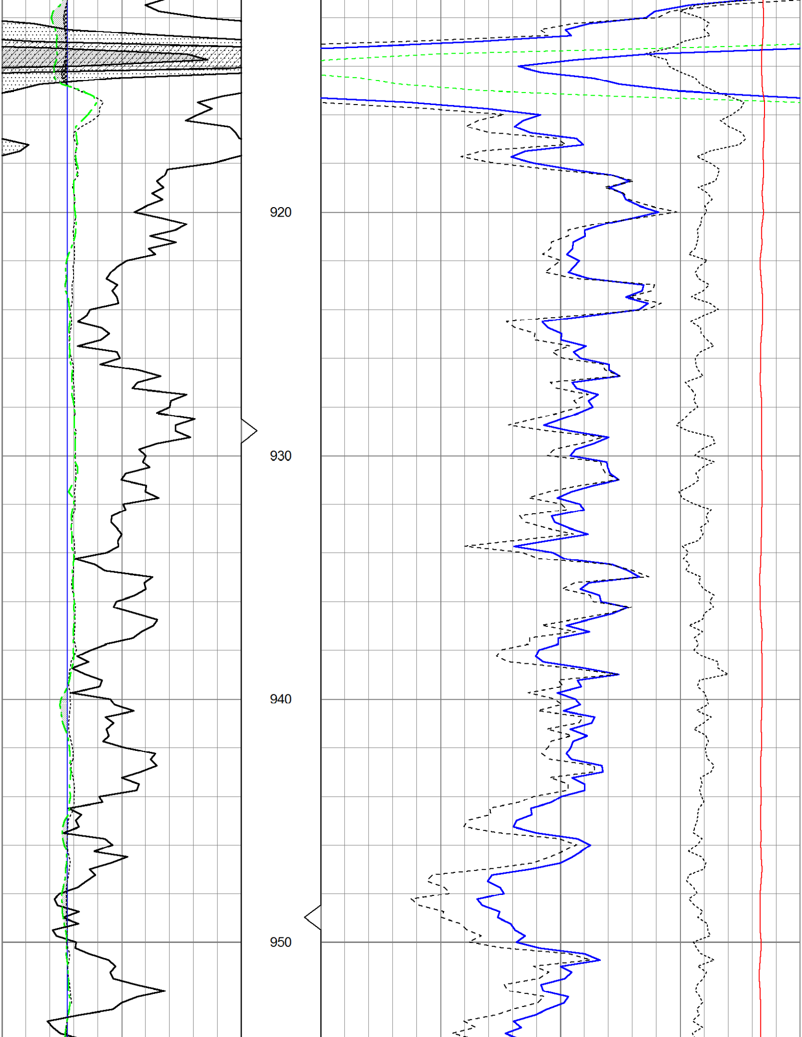


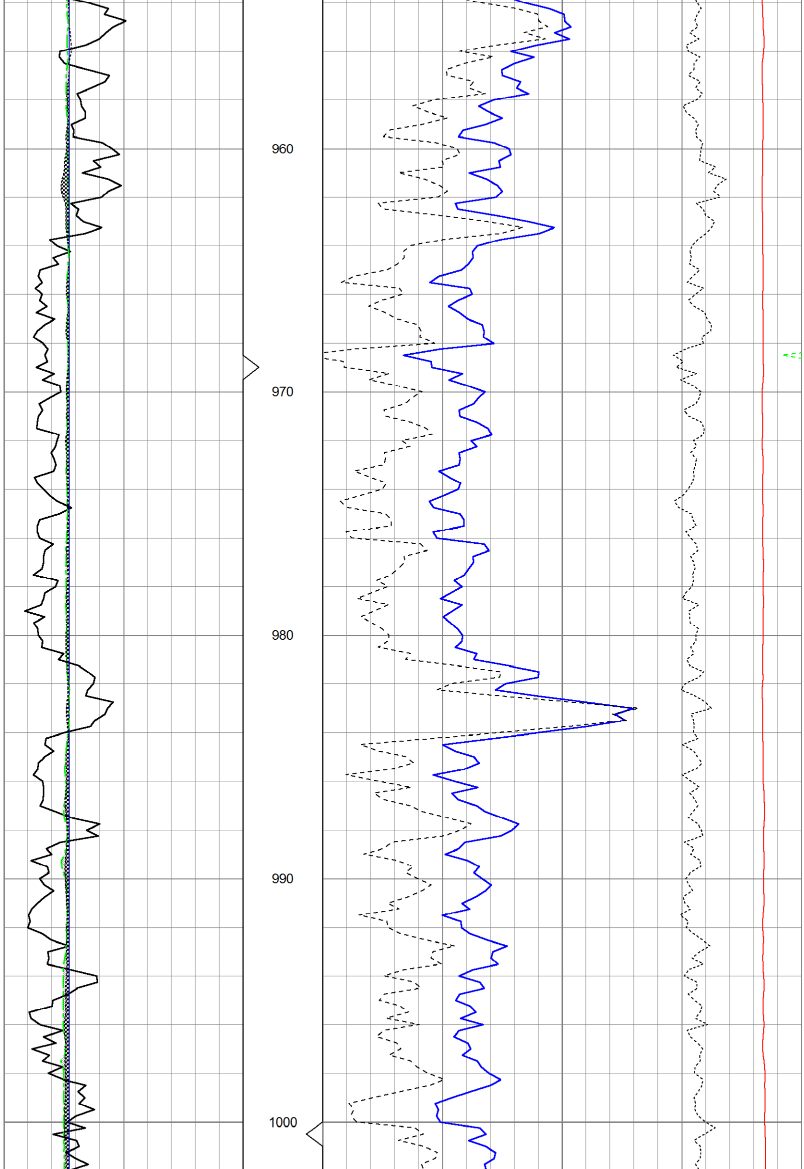


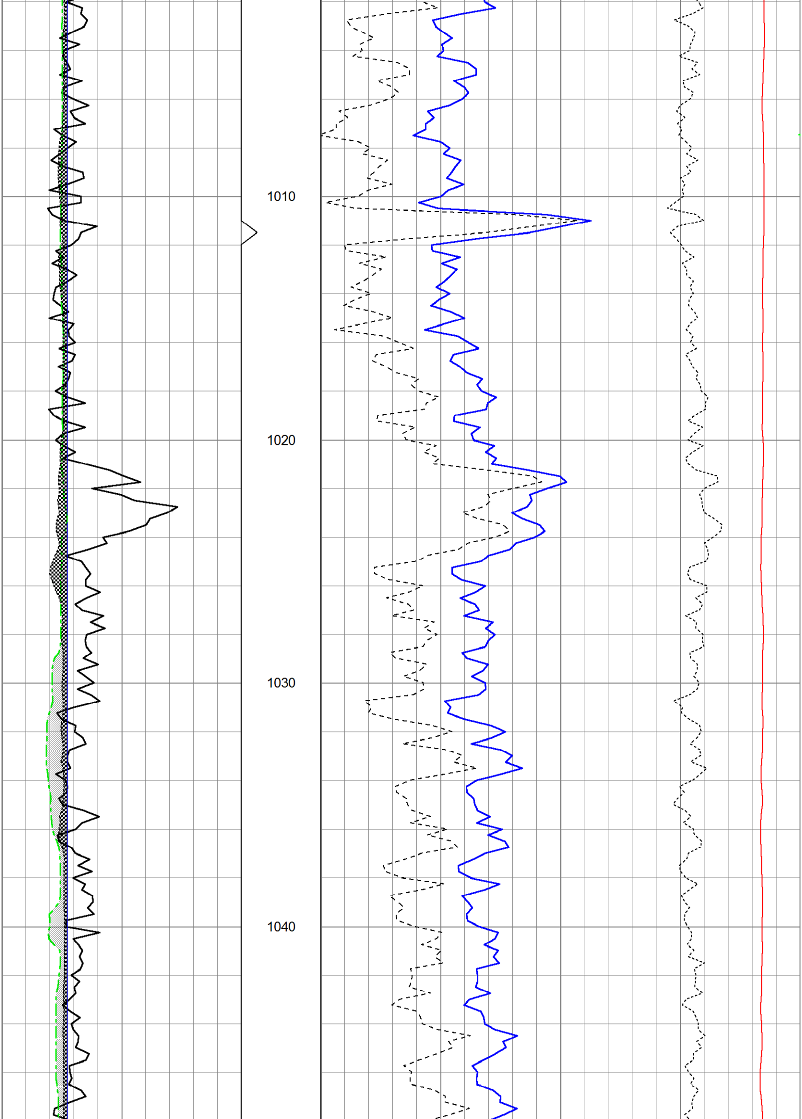


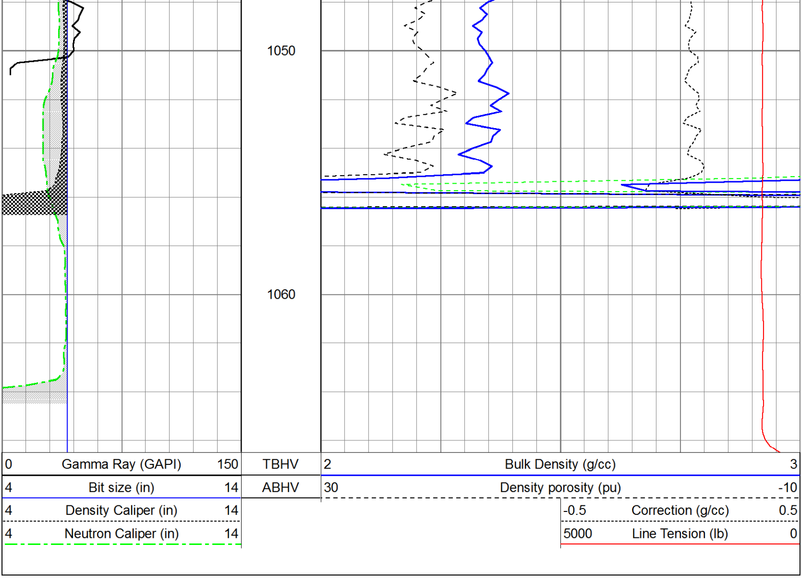


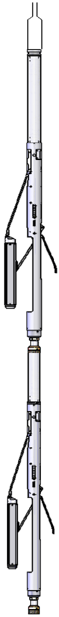










Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CableHead Isulation Sub	1.42	3.00	20.00
GR	16.06		Gamma-Oilex3006 (3006) Gamma Ray Section	2.81	3.50	75.00
LSD DCAL SSD	10.44 10.15 9.98		Density-Oilex3006 (280) Density Section	6.29	4.00	200.00
SCAL NEU SWN	2.54 2.15 2.15		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00

Dataset: ow2-8034 colt energy.db: field/well/CDL/pass1
Total Length: 18.33 ft
Total Weight: 445.00 lb
O.D. 4.00 in