OSAGE WIRELINE

HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

11/9/12

RECEIVED
DEC 05 2011
Mo Oil & Gas Council

Company COLT ENERGY, INC.
Well NORTH RHODEN # 69 E3
Field
County JACKSON
State MISSOURI

Company COLT ENERGY, INC.
Well NORTH RHODEN # 69 E3
Field
County JACKSON State MISSOURI

Location: API # : 24-095-21426
NW SW NW SE
1920' FSL & 2625' FEL
LATTITUDE 38.86547 & LONGITUDE -94.57360
SEC 28 TWP 47N RGE 33W

Other Services
DIL

Permanent Datum GL Elevation 1001'
Log Measured From GL
Drilling Measured From GL

Elevation
K.B. ---
D.F. ---
G.L. 1001'

Date	11-04-2011		
Run Number	ONE		
Depth Driller	661'		
Depth Logger	639'		
Bottom Logged Interval	637'		
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	1.90 @ 60		
Rmf @ Meas. Temp	2.28 @ 60		
Rmc @ Meas. Temp	1.52 @ 60		
Source of Rmf / Rmc			
Rm @ BHT			
Time Circulation Stopped			
Time Logger on Bottom	2:30 PM		
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

OW2-7968
MATRIX LIMESTONE 2.71 g/cc
ABHV COMPUTED WITH 2 7/8" CASING

CREW : REEVES, ROBINSON

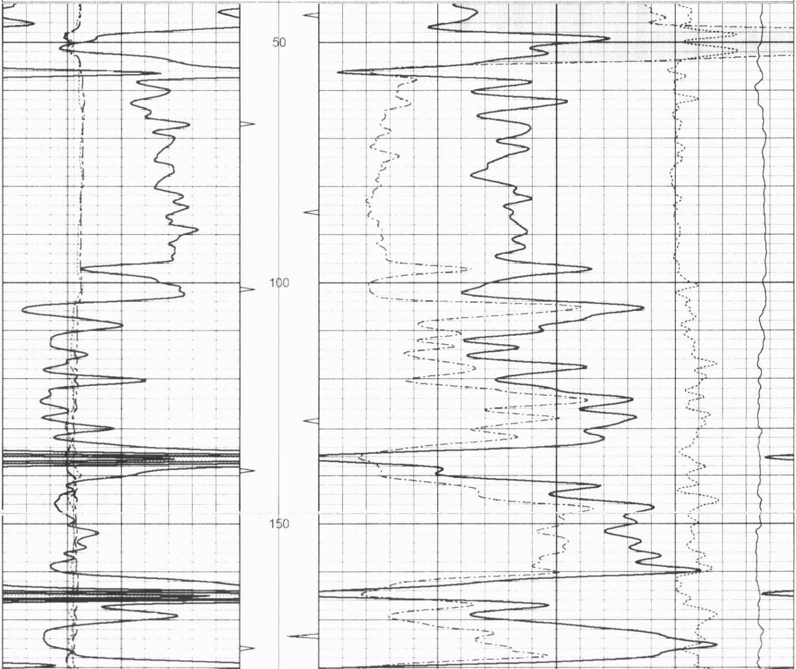
PERMIT # 095-21426

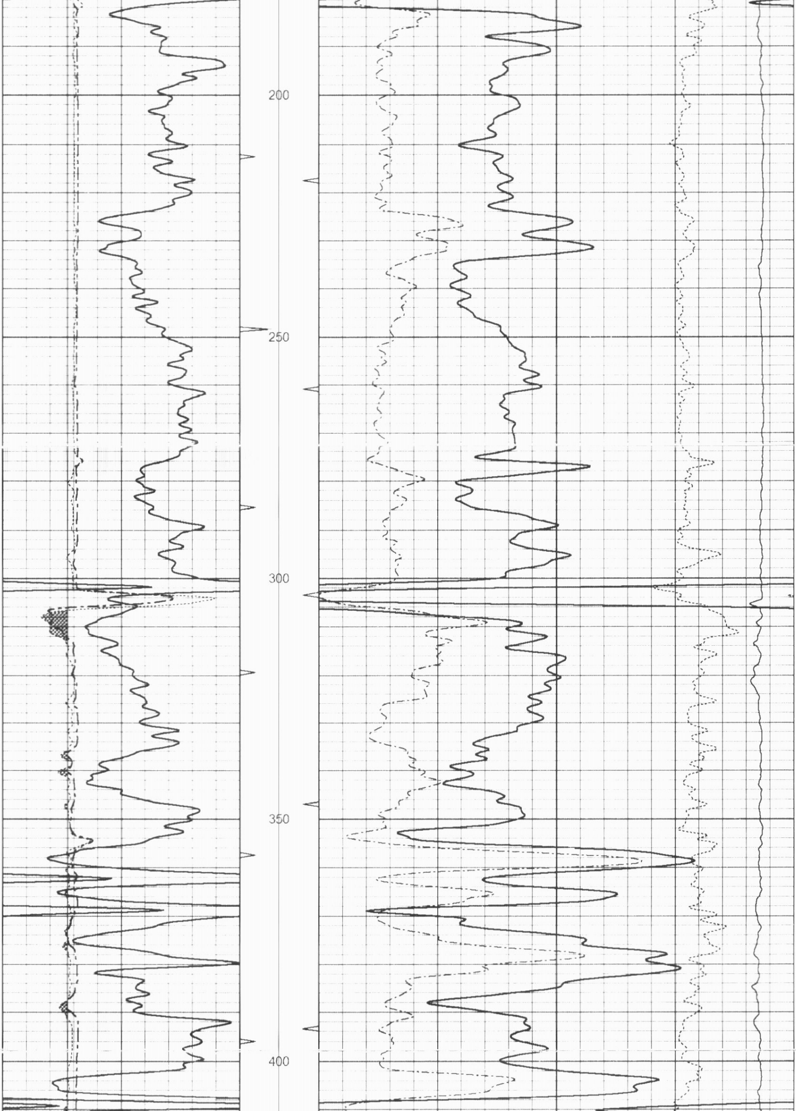
OSAGE WIRELINE

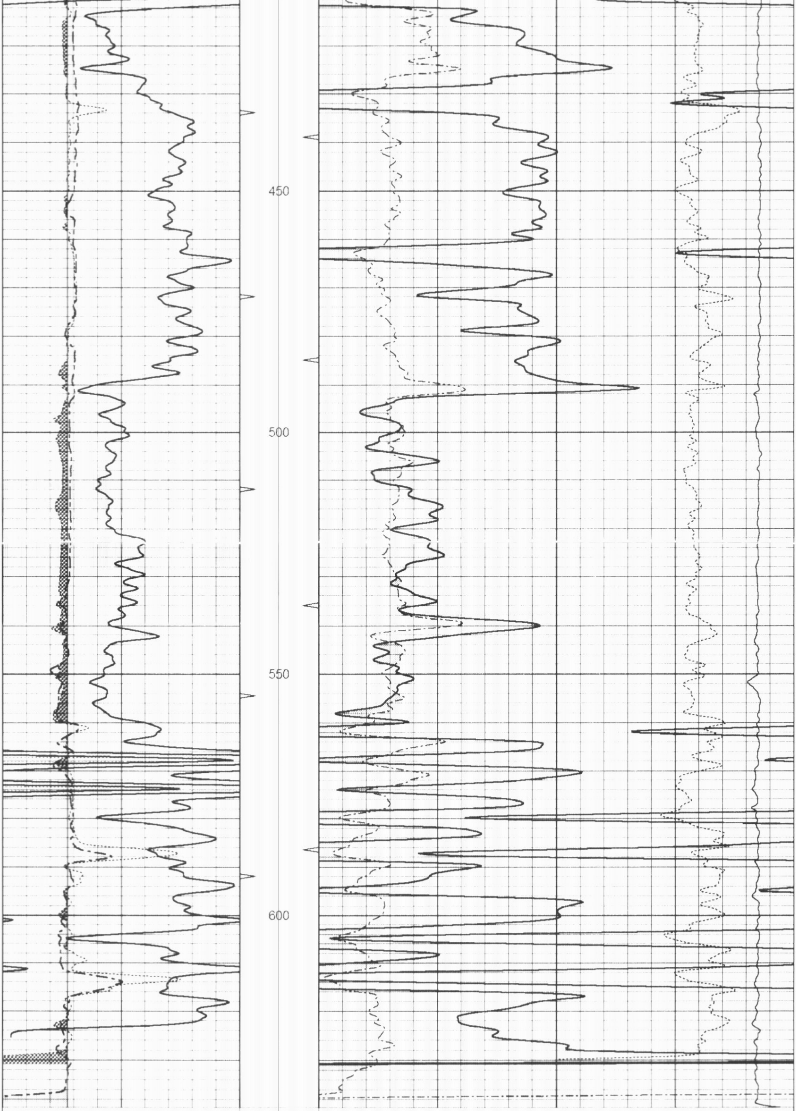
5" CDL/SWN SECTION

Database File:	ow2-7968 colt energy.db
Dataset Pathname:	CDL/pass1.3
Presentation Format:	_neu4
Dataset Creation:	Fri Nov 04 14:49:02 2011 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







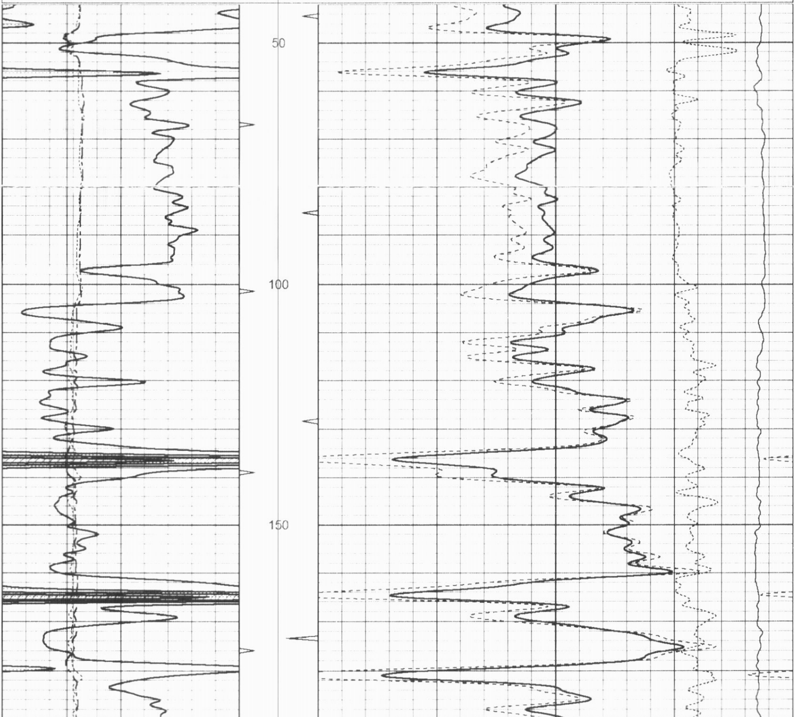
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14		5000	Line Tension (lb)	0

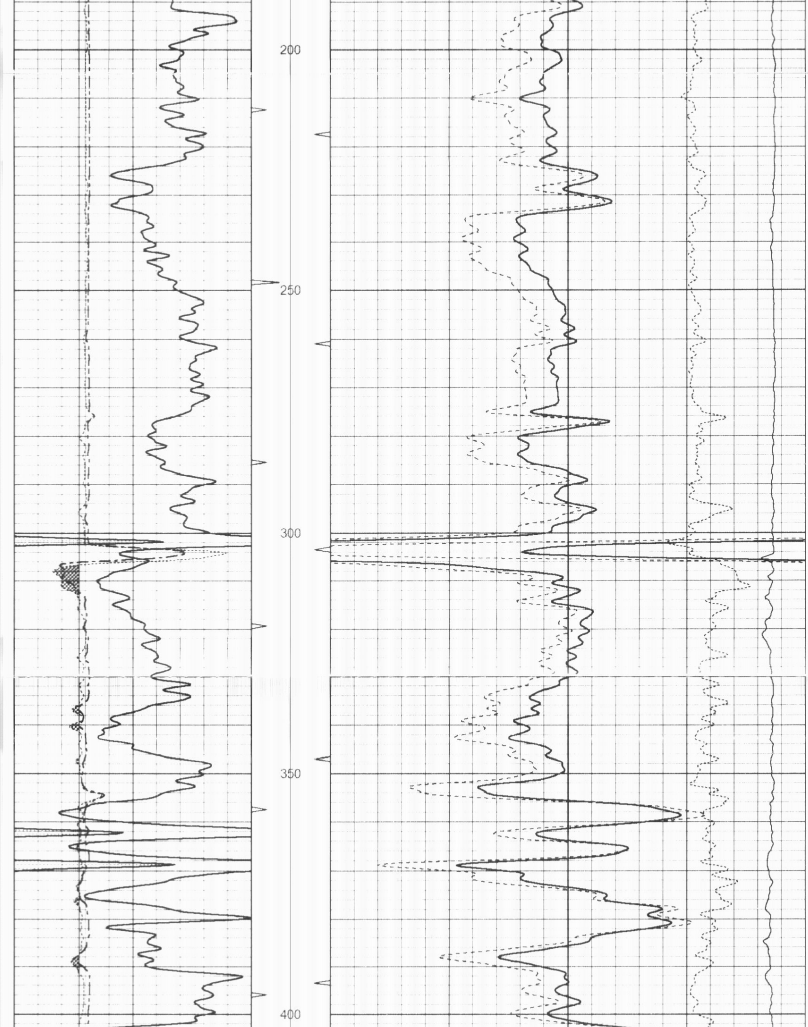
OSAGE WIRELINE

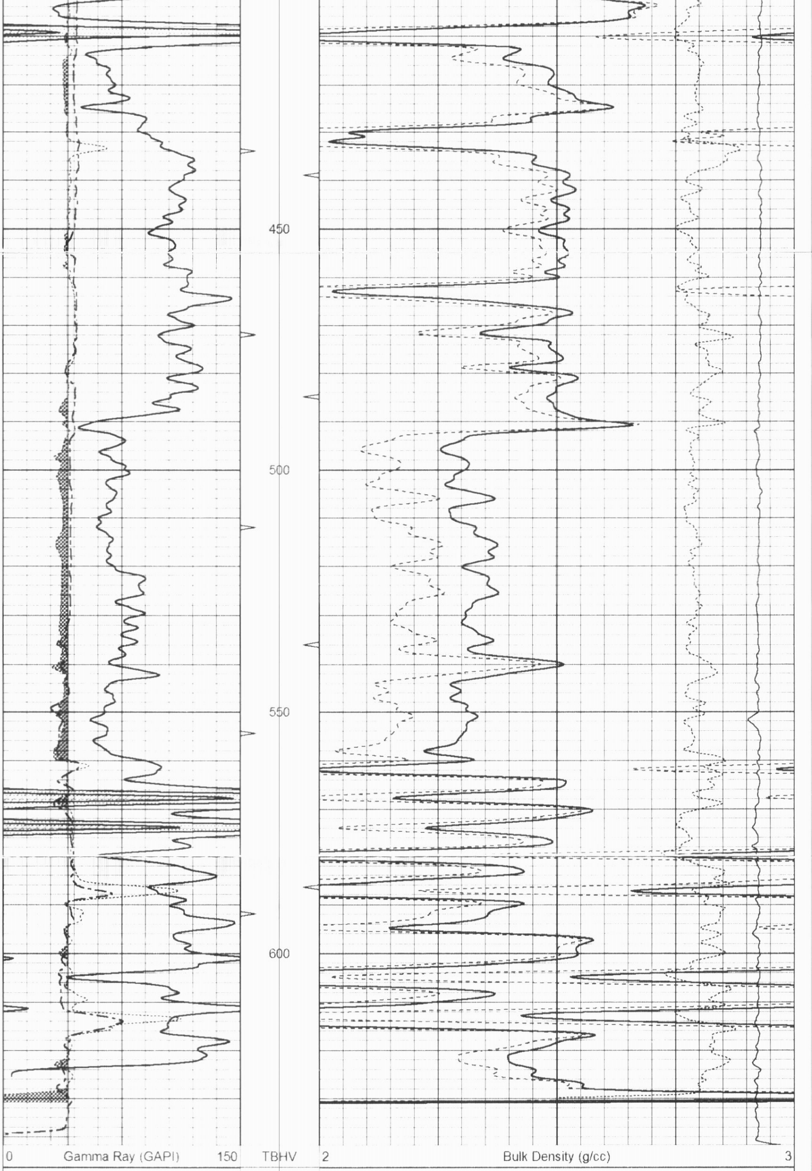
5" CDL SECTION

Database File:	ow2-7968 colt energy.db
Dataset Pathname:	CDL/pass1.2
Presentation Format:	bulk4
Dataset Creation:	Fri Nov 04 14:48:52 2011 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:240

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





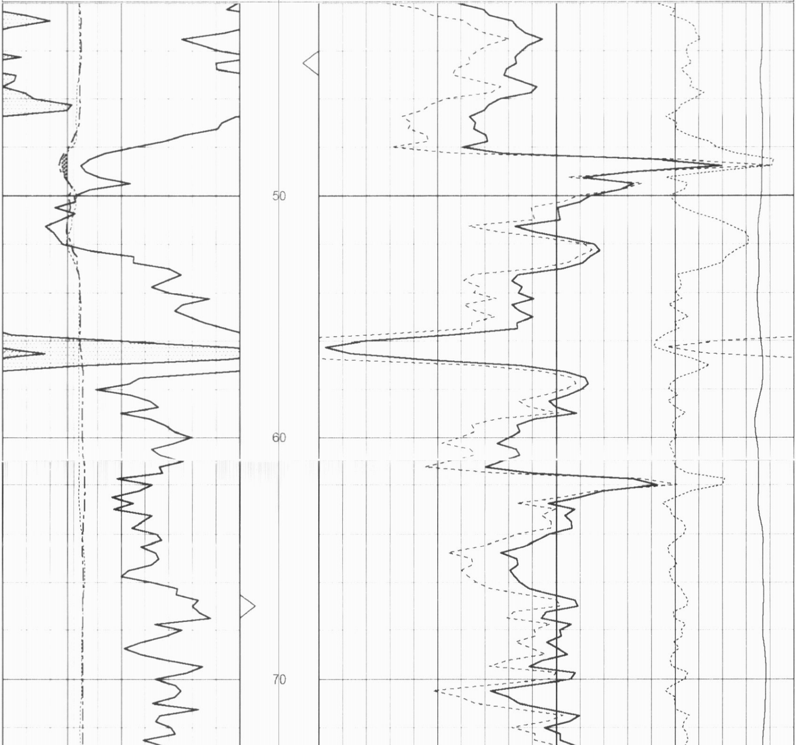


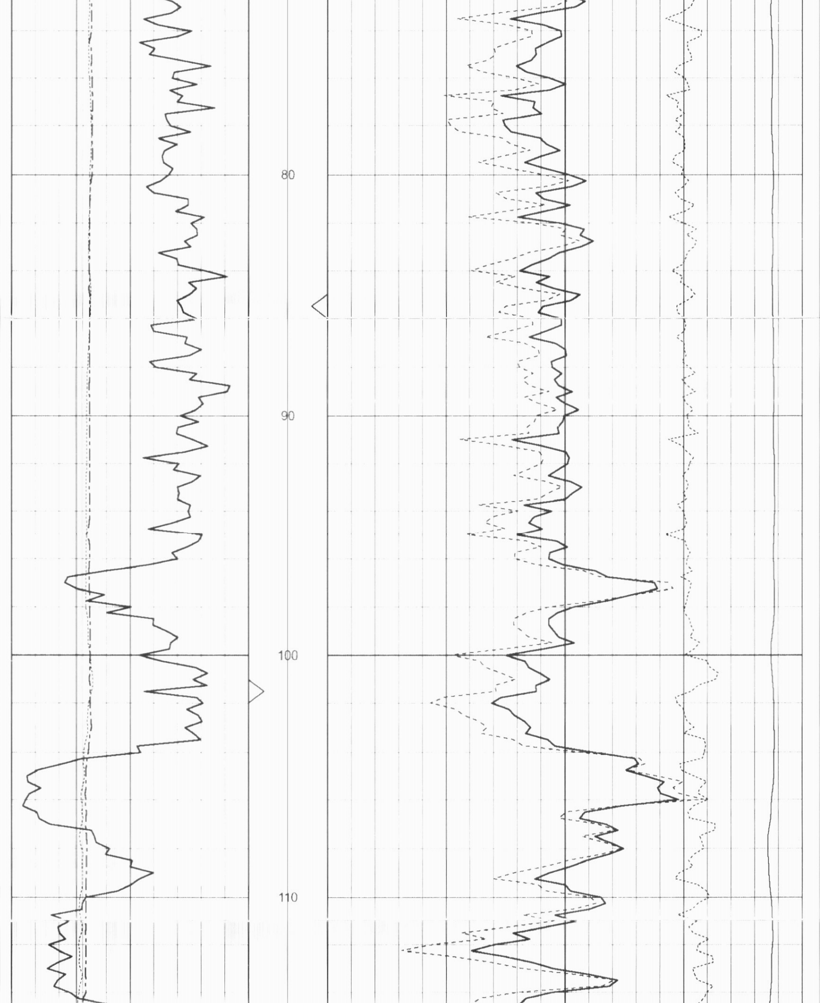
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

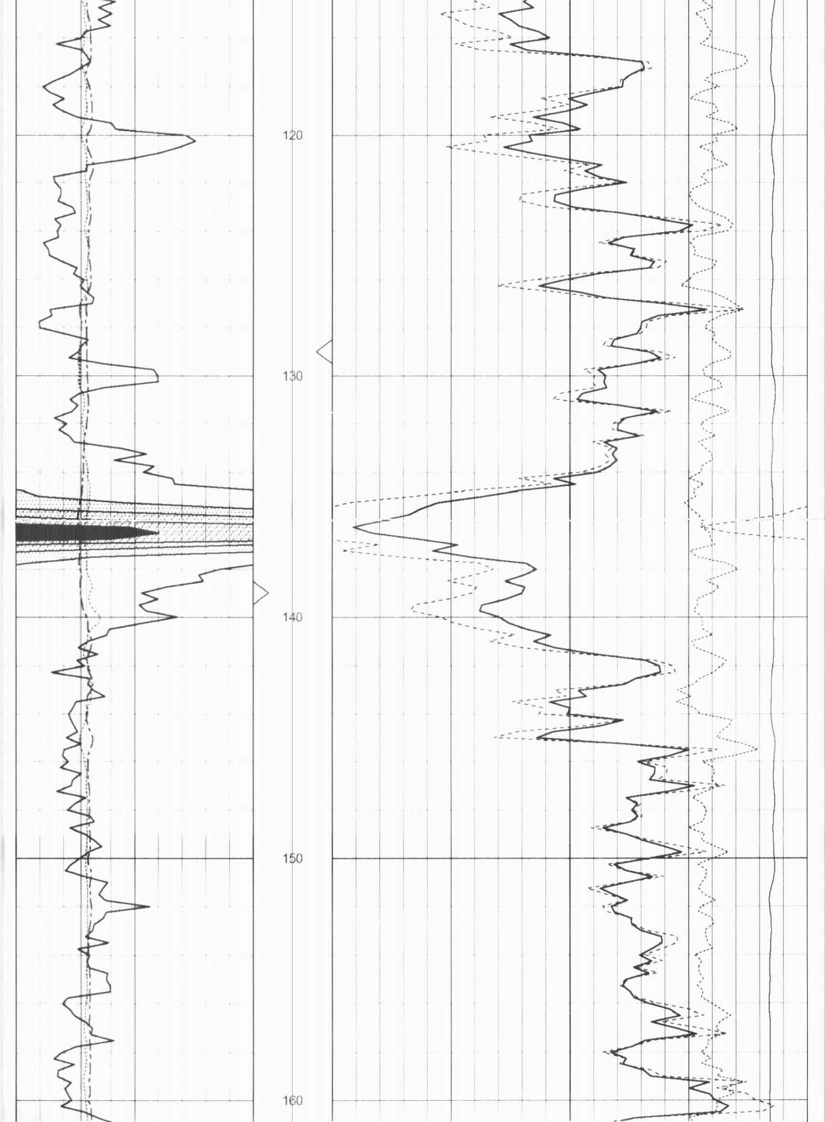
25" HR CDL SECTION

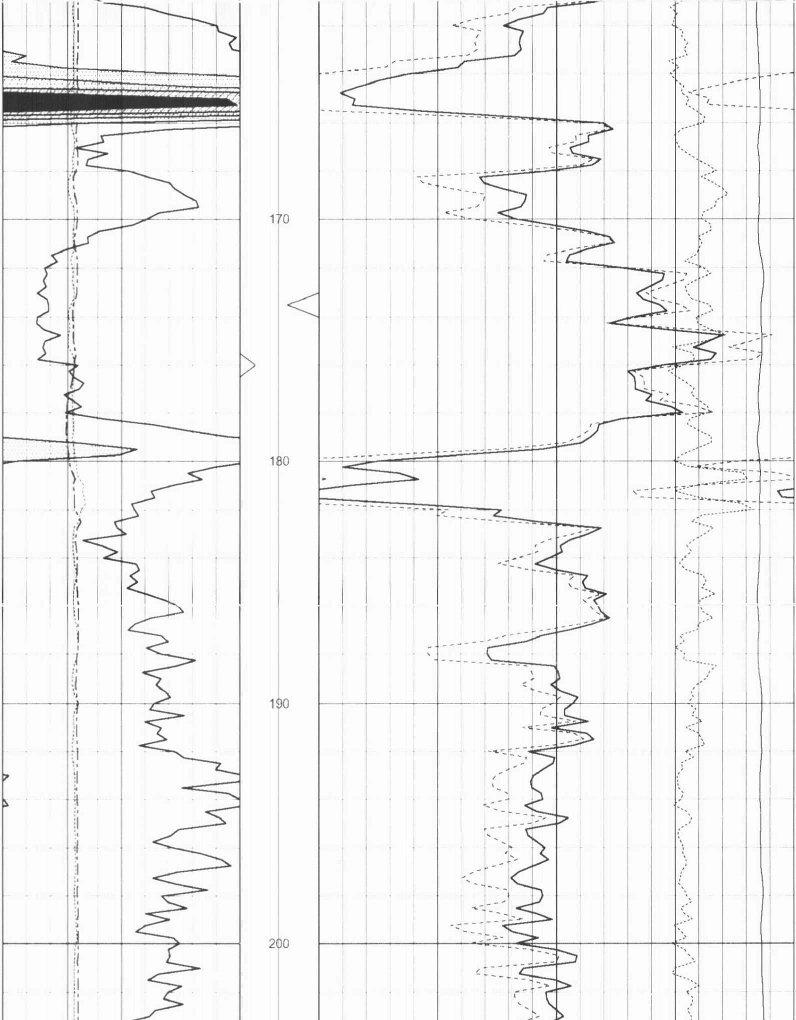
Database File: ow2-7968 colt energy.db
Dataset Pathname: CDL/pass1.4
Presentation Format: bulk4hr
Dataset Creation: Fri Nov 04 14:49:21 2011 by Calc SOC 110722
Charted by: Depth in Feet scaled 1:48

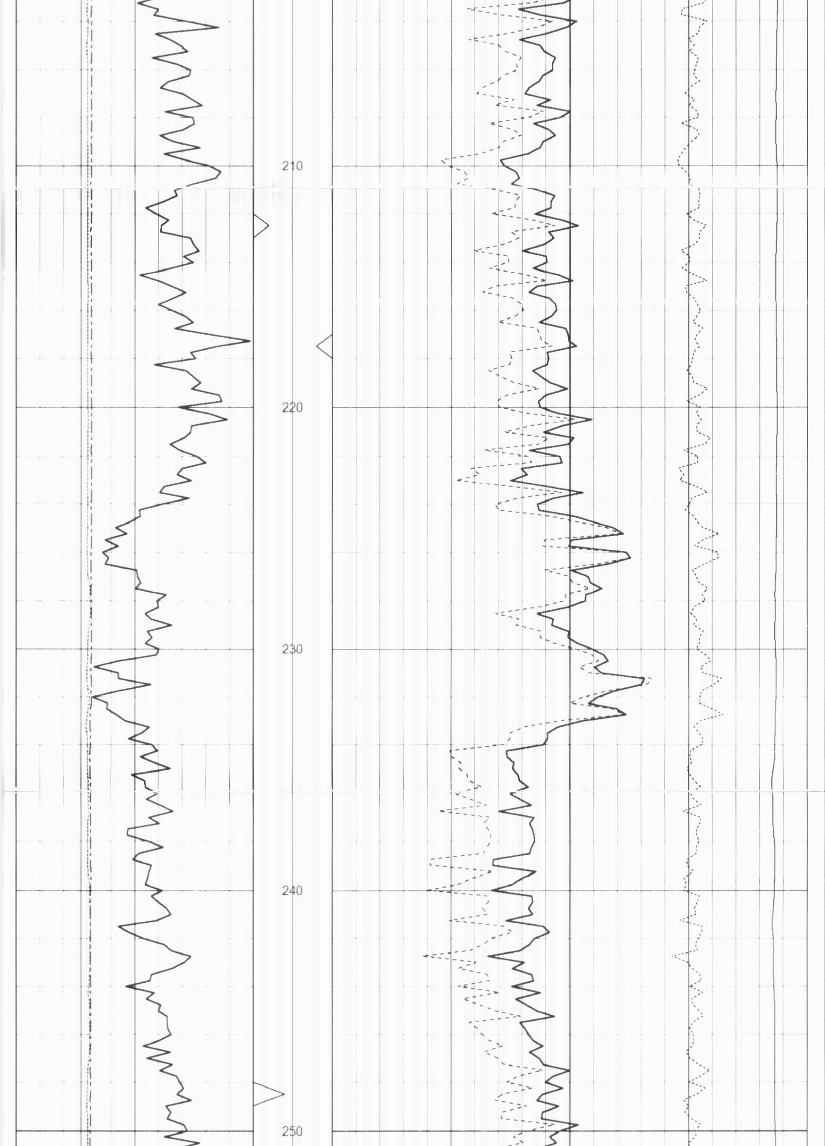
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

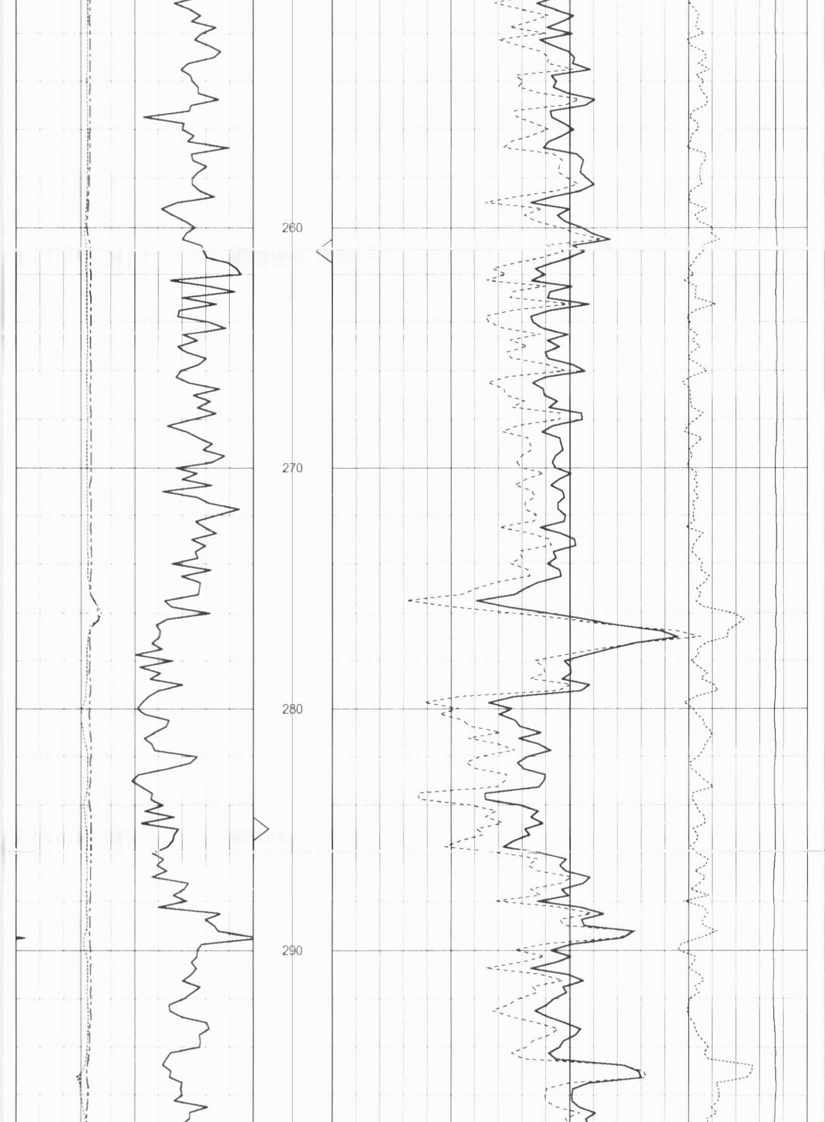


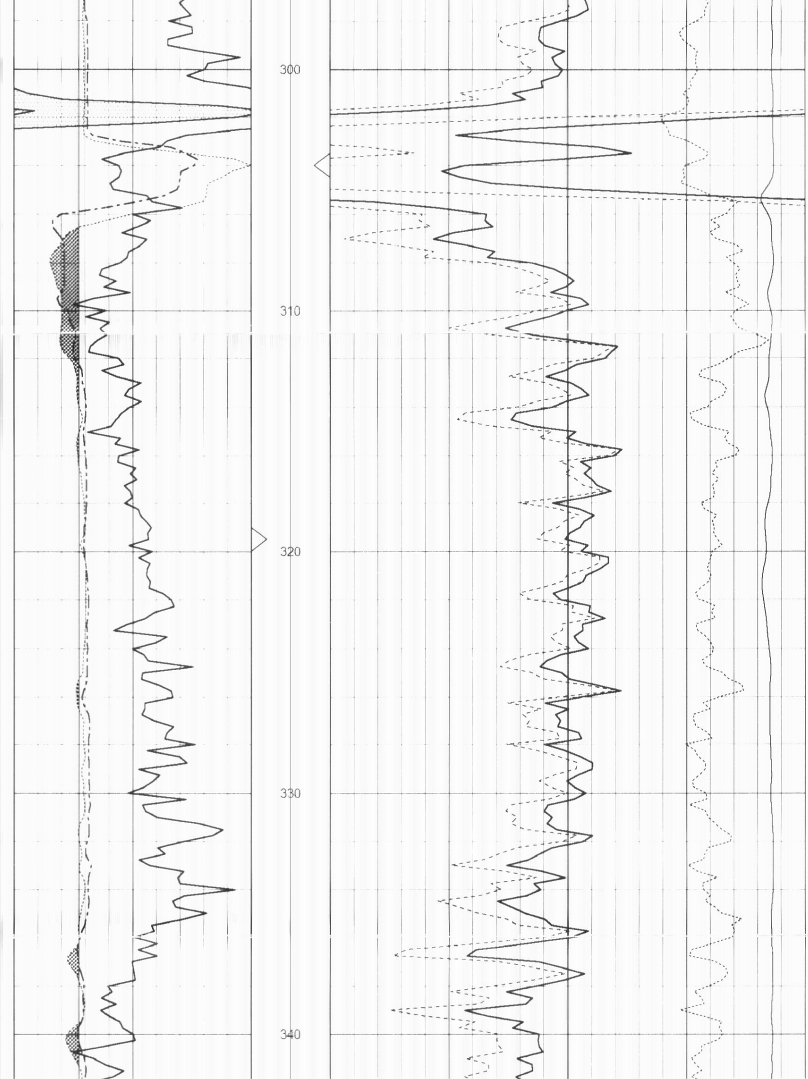


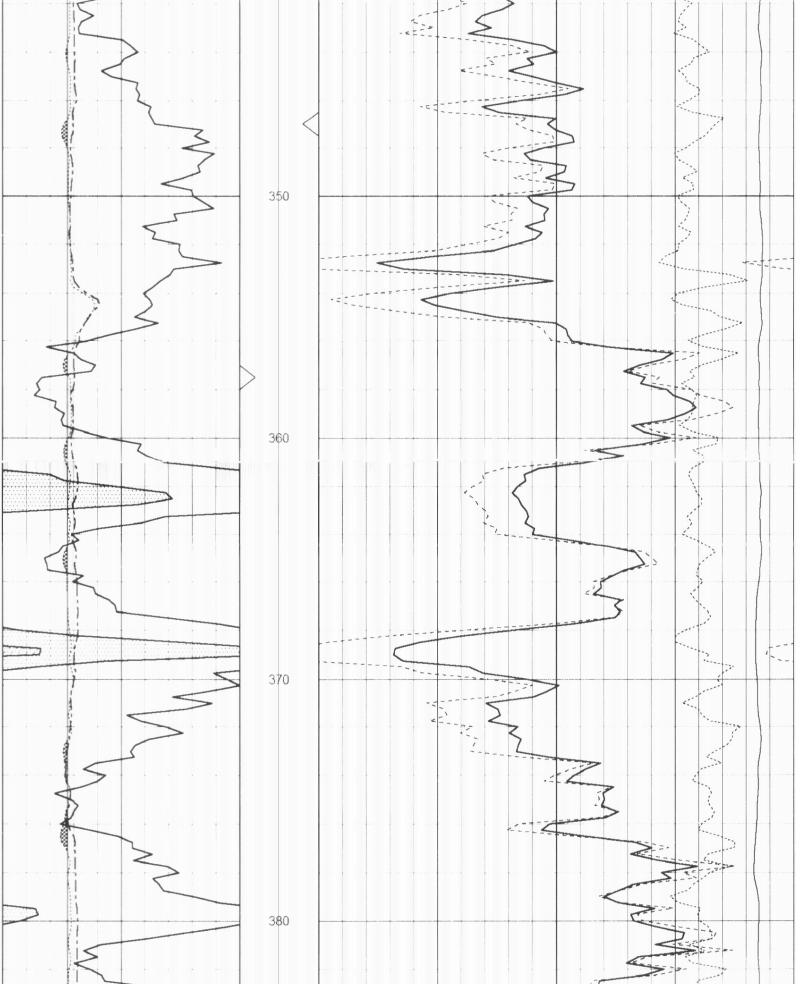


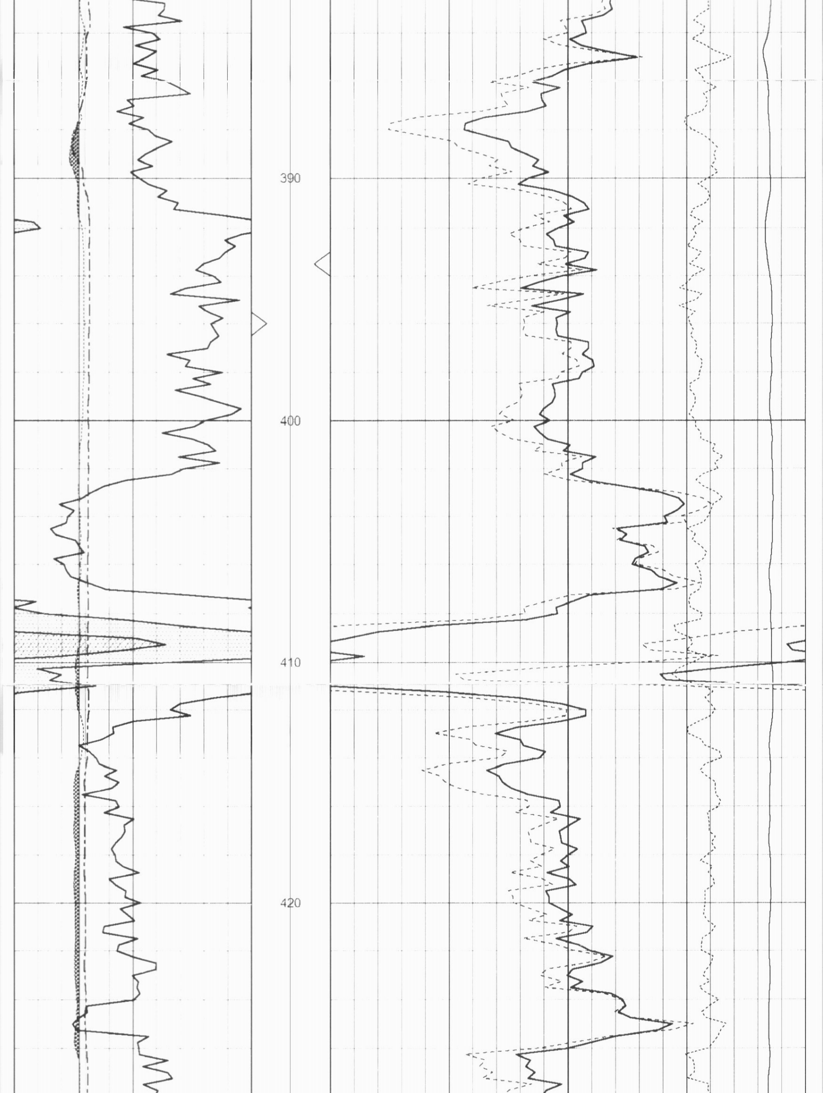


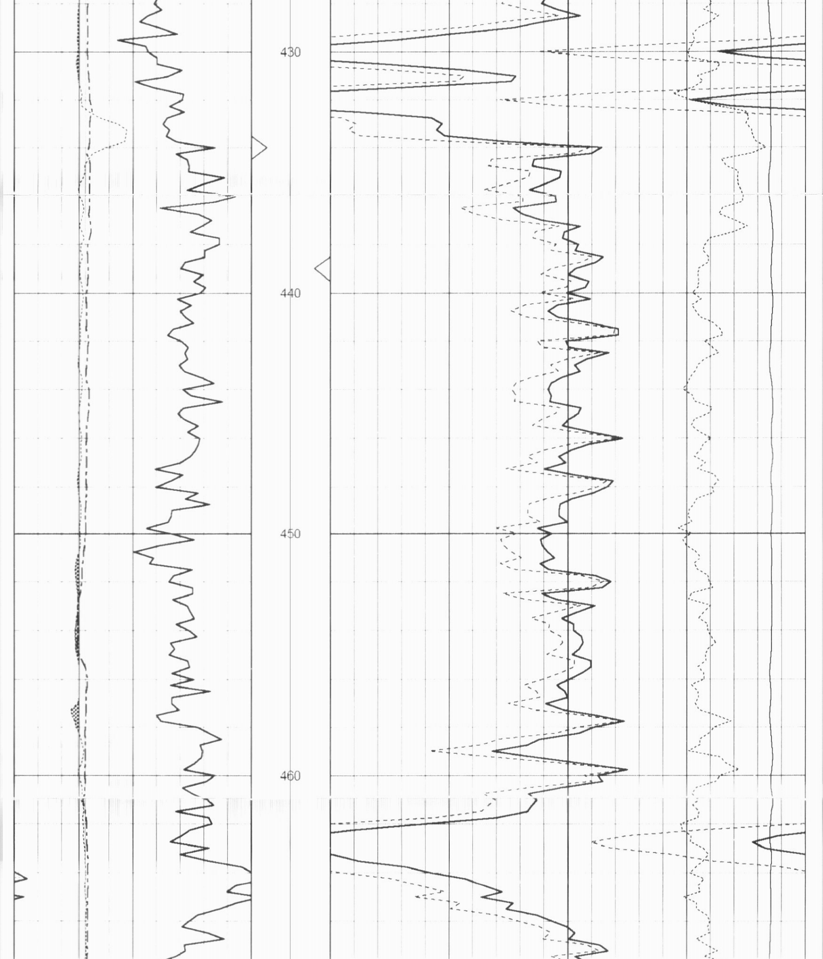


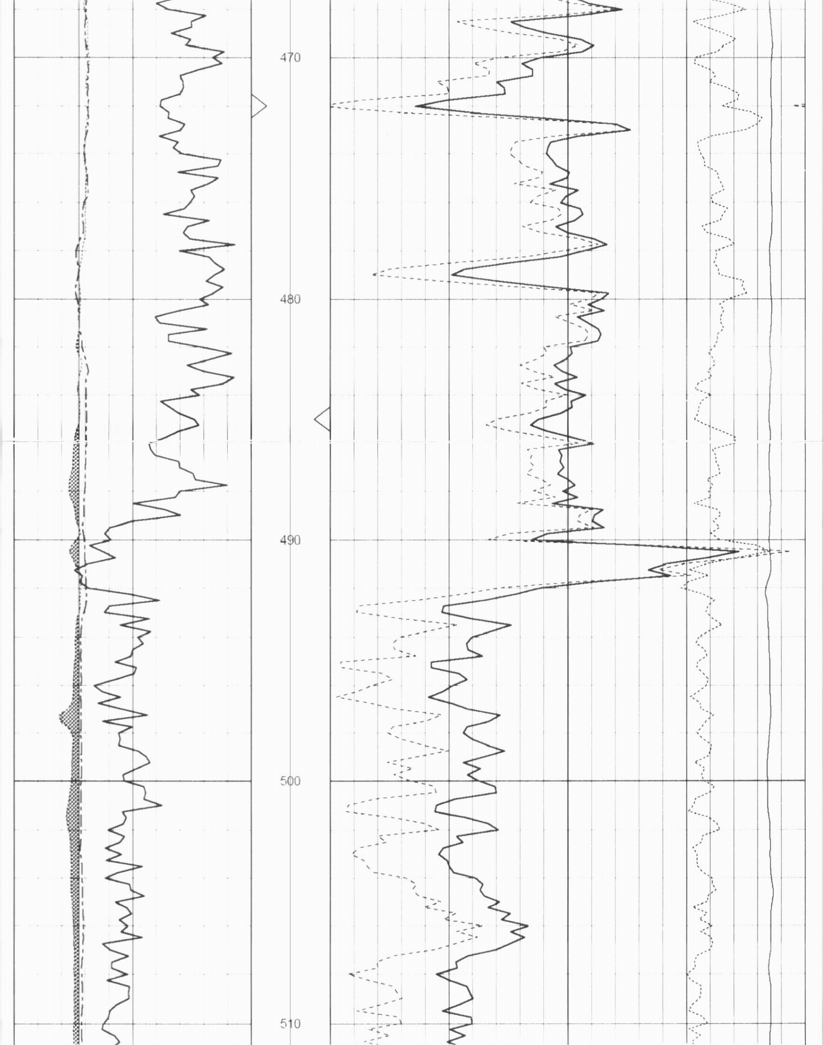


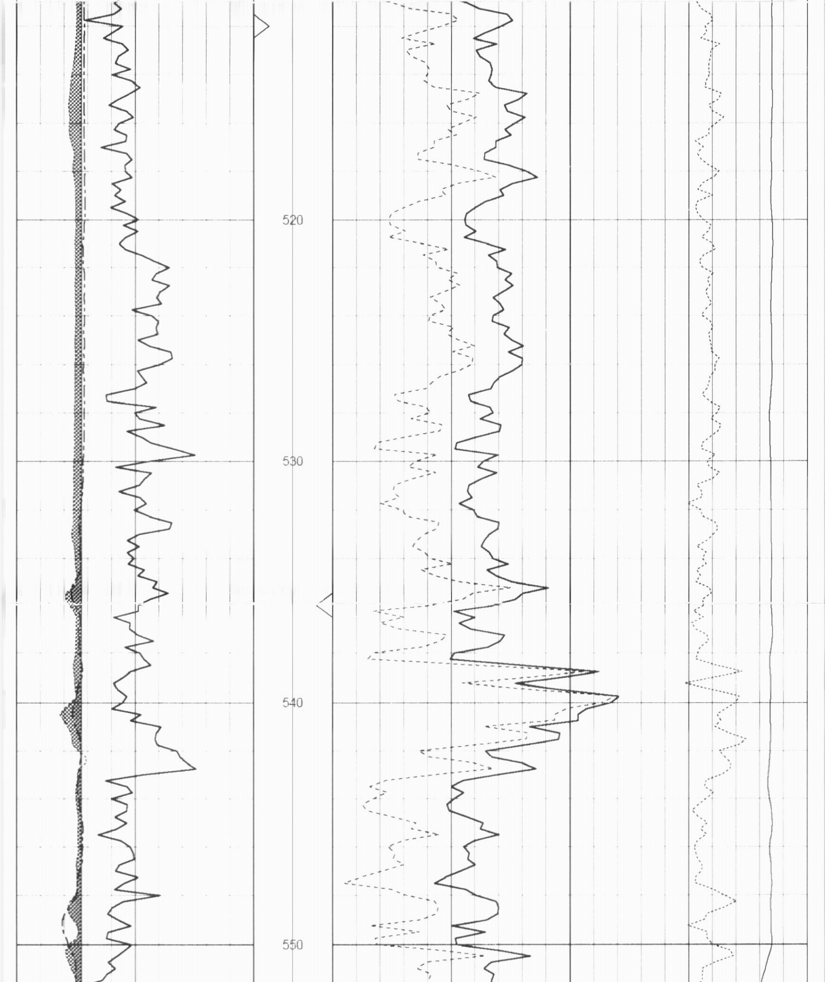


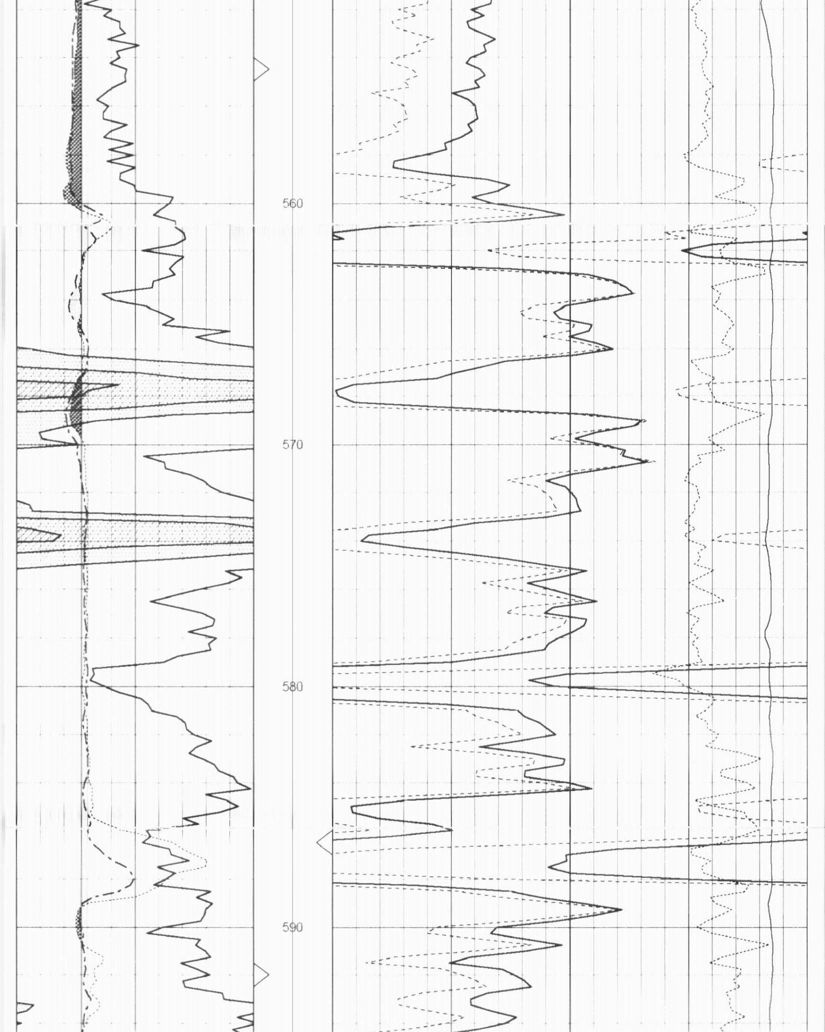


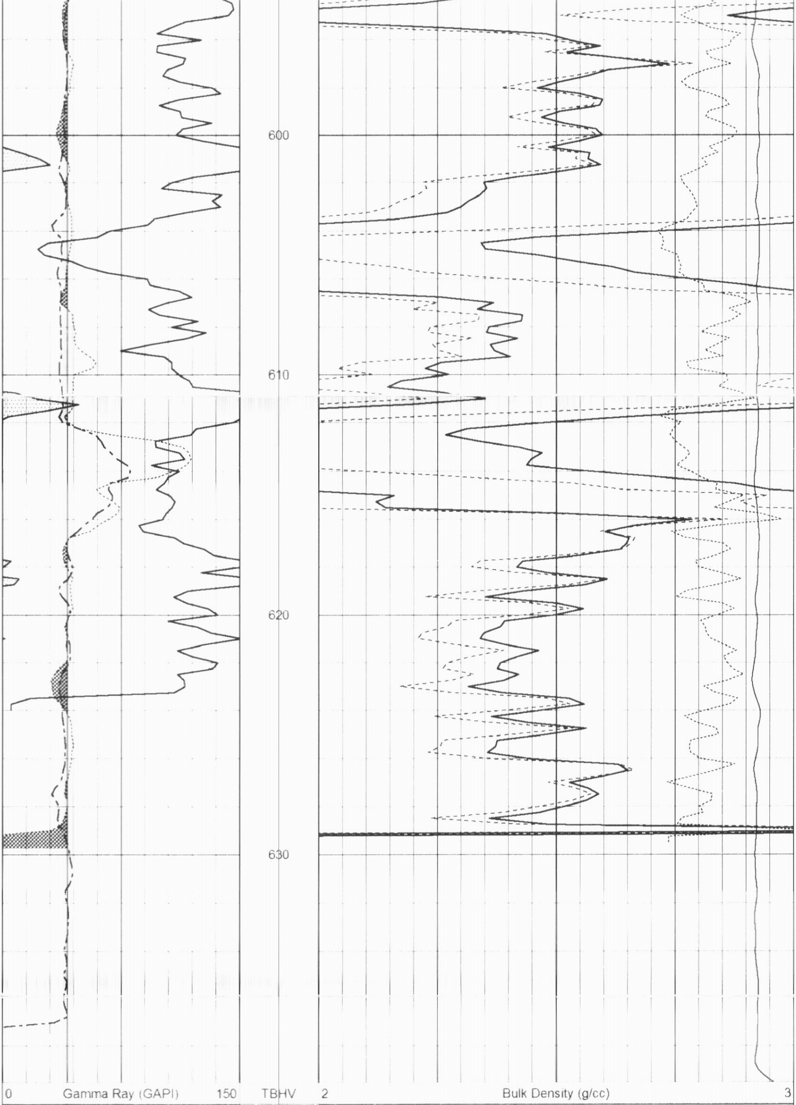












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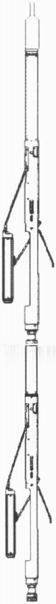
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

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	ow2-7968 colt energy.db: field/well/CDL/pass1
Total Length	18.33 ft
Total Weight	445.00 lb
O.D.	4.00 in