HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

OSAGE WIRELINE

Company COLT ENERGY INC.
Well FRITTER # 15-21
Field
County VERNON
State MISSOURI

Company COLT ENERGY INC.
Well FRITTER # 15-21
Field
County VERNON **State** MISSOURI

Location: API #: 24-217-22838
SE SE SW SE
165' FSL & 2450' FEL
SEC 21 TWP 36N RGE 33W

Other Services
DIL

Permanent Datum GL Elevation 788'
Log Measured From GL
Drilling Measured From GL

Elevation
K.B. —
D.F. —
G.L. 788'

Date	8-07-2012
Run Number	ONE
Depth Driller	273'
Depth Logger	271'
Bottom Logged Interval	269'
Top Log Interval	SURFACE
Casing Driller	7" @ 21'
Casing Logger	7" @ 21'
Bit Size	6.50"
Type Fluid in Hole	WATER
Density / Viscosity	
pH / Fluid Loss	
Source of Sample	
Rm @ Meas. Temp	
Rmf @ Meas. Temp	
Rmc @ Meas. Temp	
Source of Rmf / Rmc	
Rm @ BHT	
Time Circulation Stopped	
Time Logger on Bottom	
Maximum Recorded Temperature	
Equipment Number	OW2
Location	HOMINY ,OK
Recorded By	LOWERY
Witnessed By	MR. STEGEMAN

<<< Fold Here >>>

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

OW2-8186
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 4 1/2" CASING

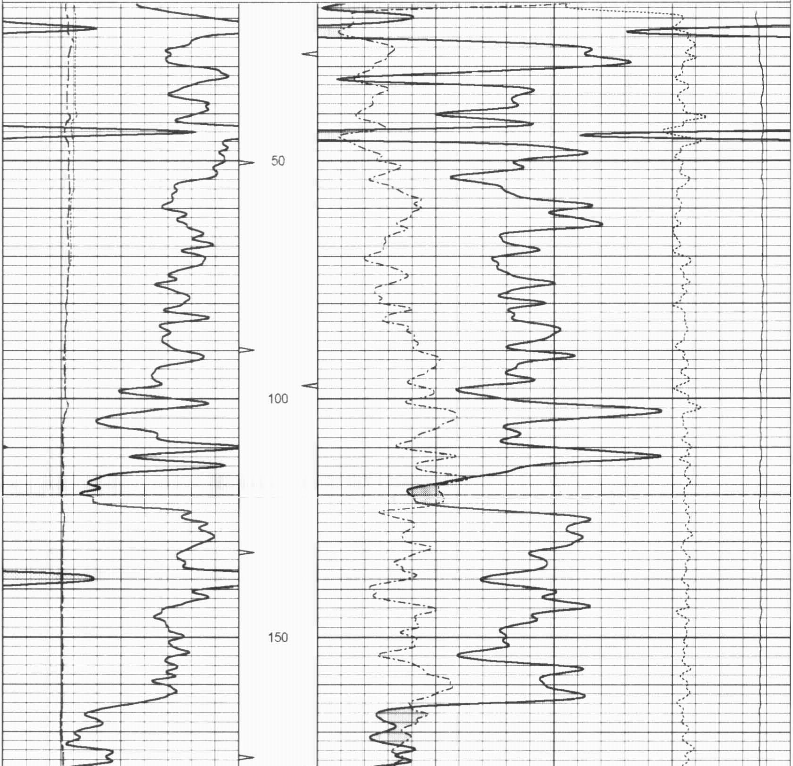
CREW : JOHNSON, SHAMBLES

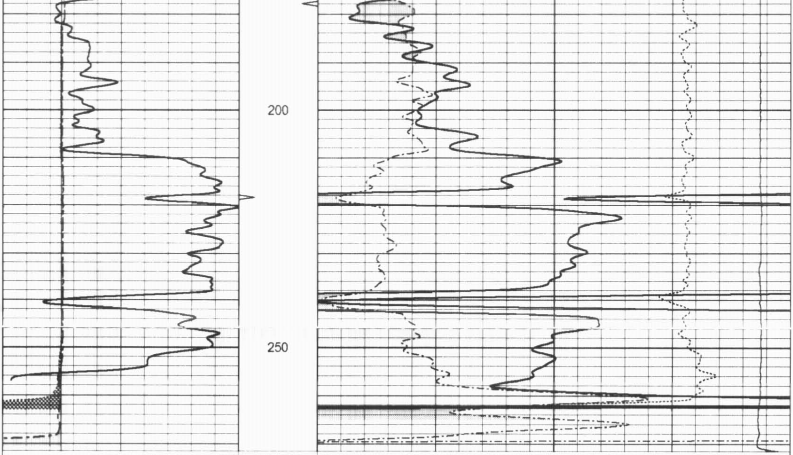
PERMIT # 217-22838

5" CDL/SWN SECTION

Database File: ow2-8186 colt energy.db
Dataset Pathname: CDL/pass1.3
Presentation Format: _neu4
Dataset Creation: Tue Aug 07 14:29:39 2012 by Calc SOC 111108
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





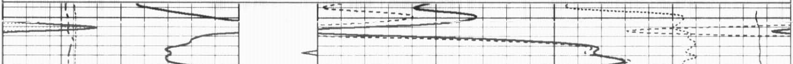
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14		5000	Line Tension (lb)	0

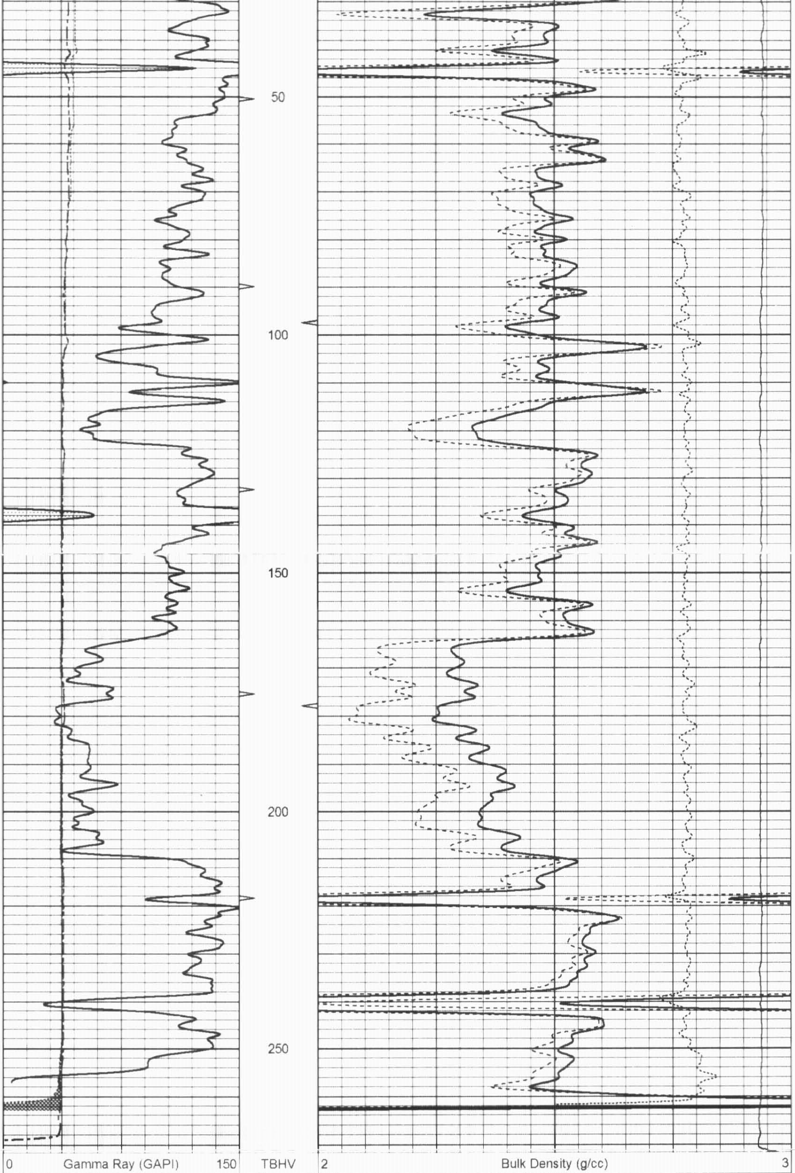
OSAGE WIRELINE

5" CDL SECTION

Database File: ow2-8186 colt energy.db
Dataset Pathname: CDL/pass1.2
Presentation Format: bulk4
Dataset Creation: Tue Aug 07 14:29:27 2012 by Calc SOC 111108
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





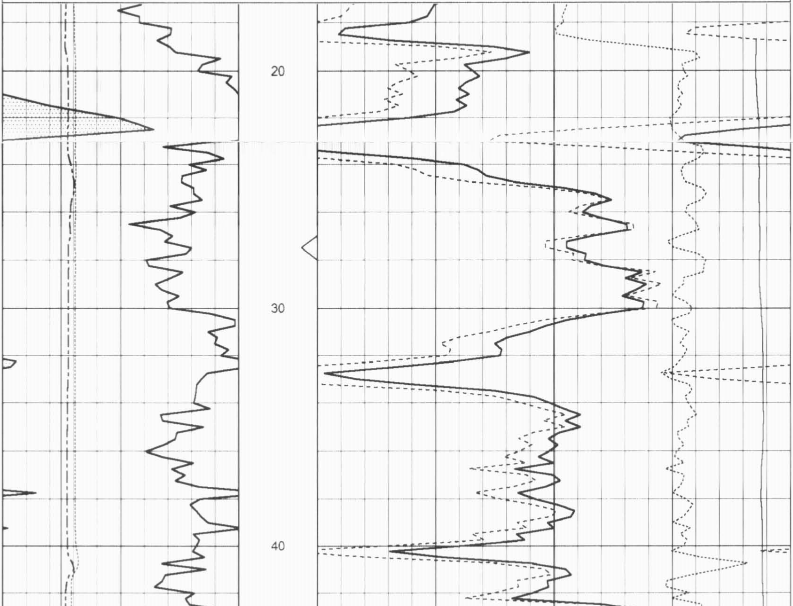
4	Bit size (in)	14	ABHV	30	Density porosity (pu)		-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)		0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)		0

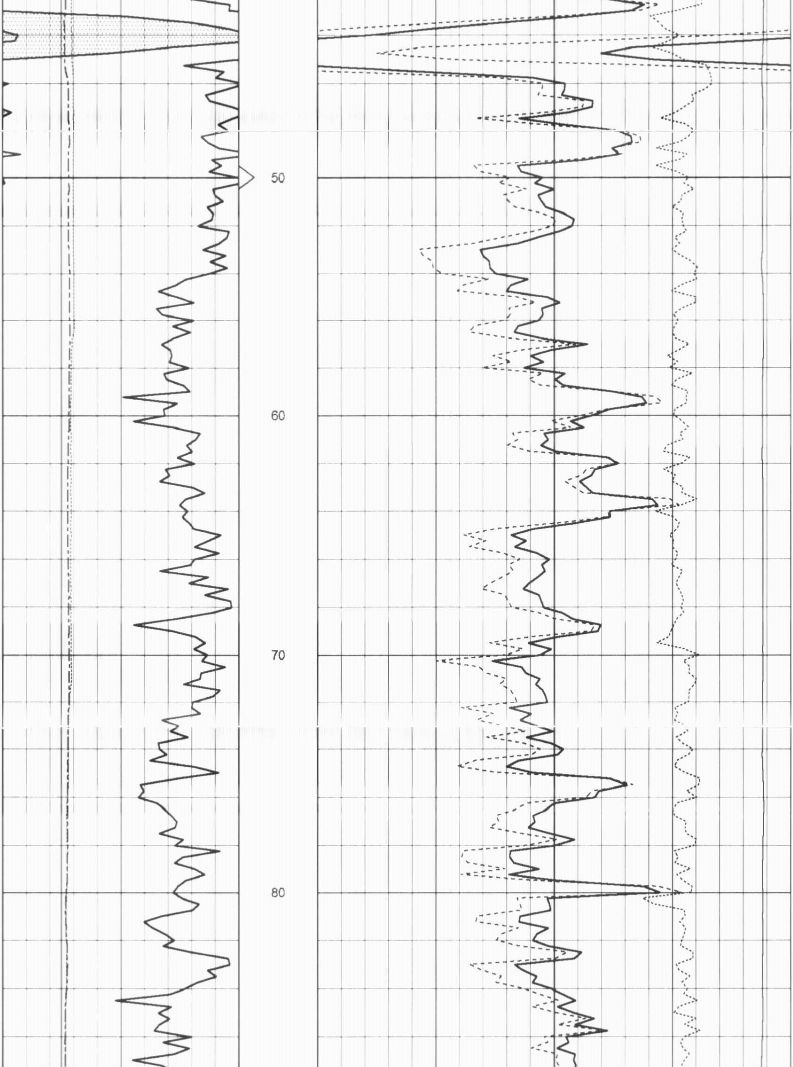
OSAGE WIRELINE

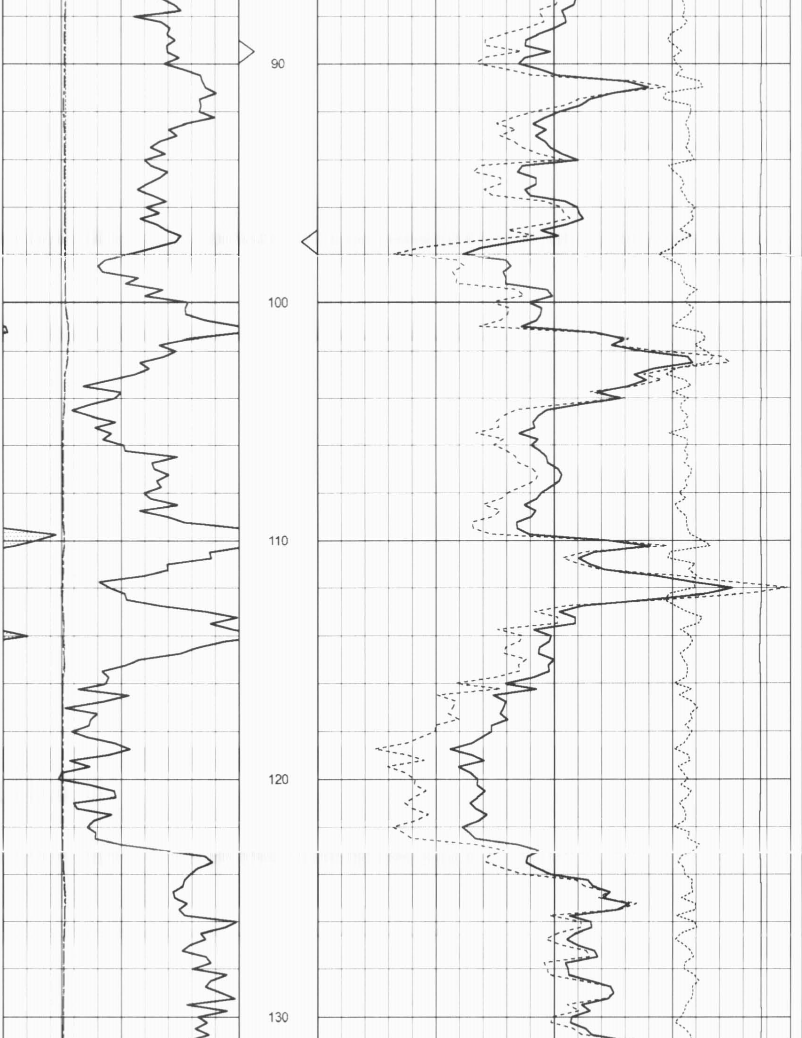
25" HR CDL SECTION

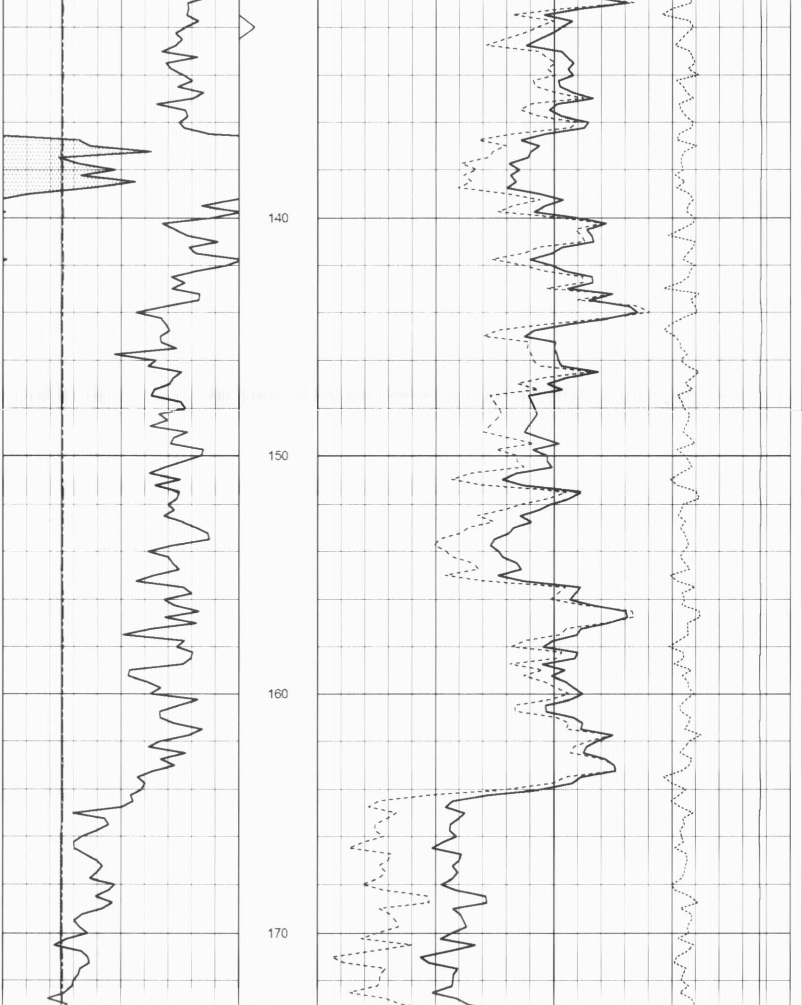
Database File: ow2-8186 colt energy.db
Dataset Pathname: CDL/pass1.4
Presentation Format: bulk4hr
Dataset Creation: Tue Aug 07 14:29:53 2012 by Calc SOC 111108
Charted by: Depth in Feet scaled 1:48

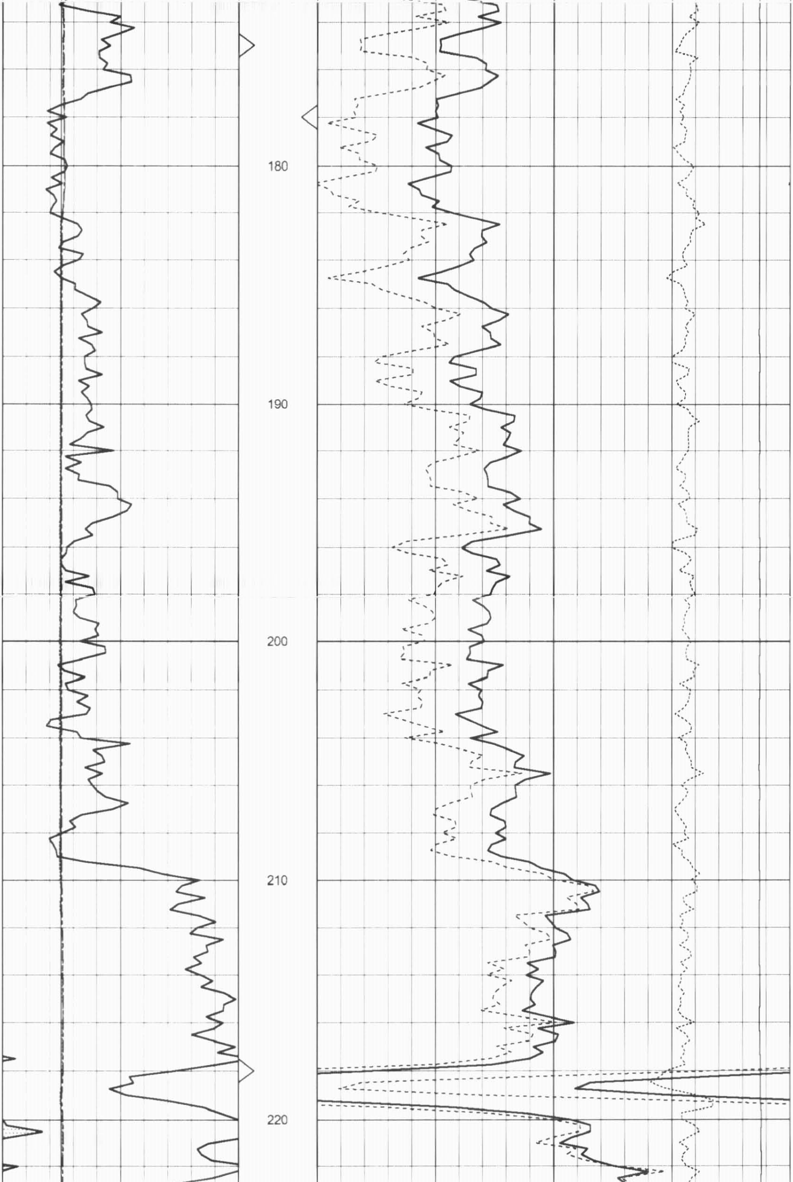
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)		3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)		-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)		0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)		0

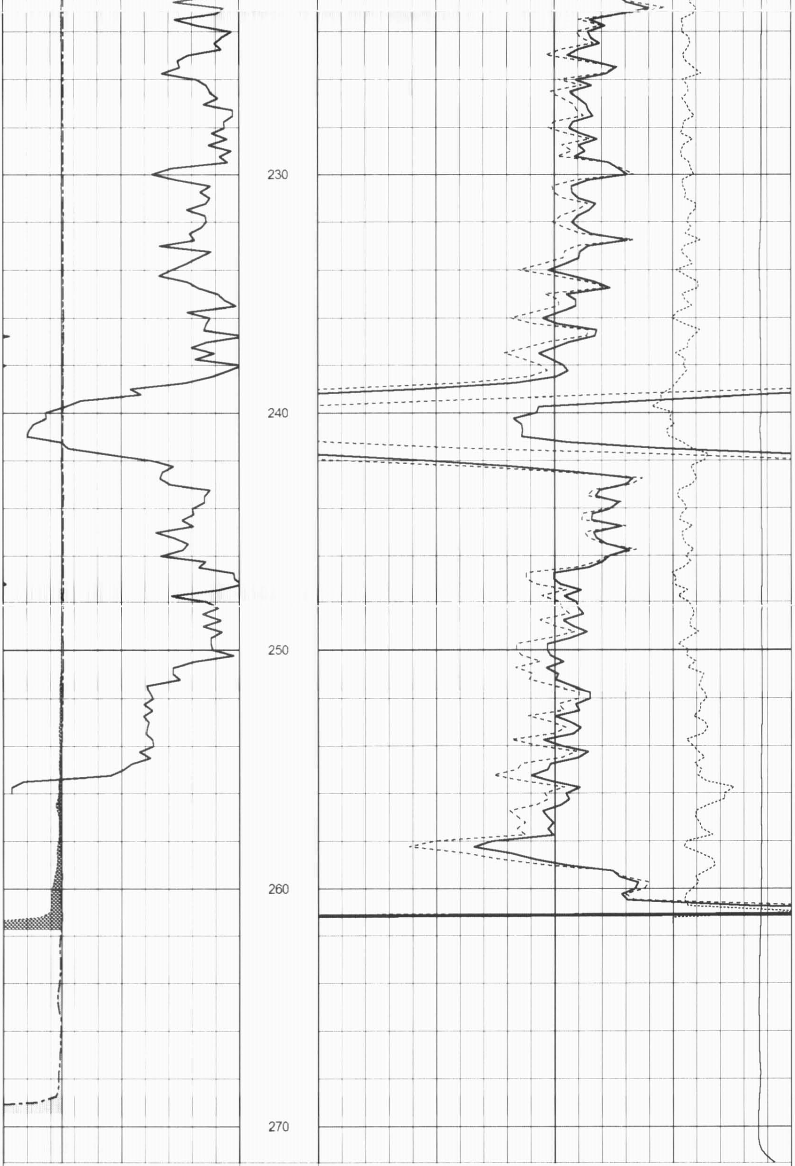




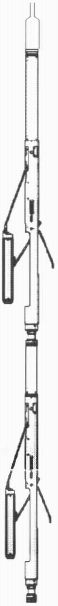








0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

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
			Density-Oilex3006 (280) Density Section	6.29	4.00	200.00
LSD	10.44					
DCAL	10.15					
SSD	9.98					
			Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SCAL	2.54					
NEU	2.15					
SWN	2.15					

Dataset:	ow2-8186 colt energy.db: field/well/CDL/pass1
Total Length:	18.33 ft
Total Weight:	445.00 lb
O.D.	4.00 in