OSAGE WIRELINE

HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

3/22/13

RECEIVED
MAR 22 2012
Mo Oil & Gas Council

Company COLT ENERGY, INC.
Well BROOKS, M & B 3-29
Field
County VERNON
State MISSOURI

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Well BROOKS, M & B 3-29
Field
County VERNON State MISSOURI

Location: API # :
170' FNL & 2360' FWL
LATTITUDE 38.05899 & LONGITUDE -94.58305
SEC 29 TWP 38N RGE 33W

Other Services
DIL

Permanent Datum GL Elevation 855'
Log Measured From GL
Drilling Measured From GL

Elevation
K.B. ---
D.F. ---
G.L. 855'

Date	2-27-2011		
Run Number	ONE		
Depth Driller	400'		
Depth Logger	377'		
Bottom Logged Interval	375'		
Top Log Interval	SURFACE		
Casing Driller	8 5/8" @ 20'		
Casing Logger	8 5/8" @ 20'		
Bit Size	6.75"		
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	MARSHALL	
Witnessed By	MR. STEGEMAN		

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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

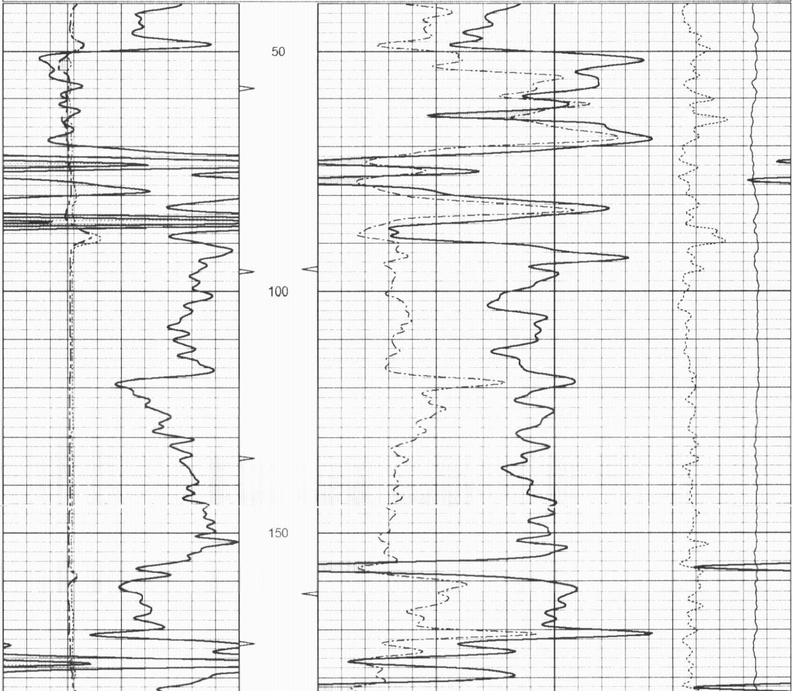
OW2-8081
MATRIX LIMESTONE 2.71 g/cc
ABHV COMPUTED WITH 2 7/8" CASING

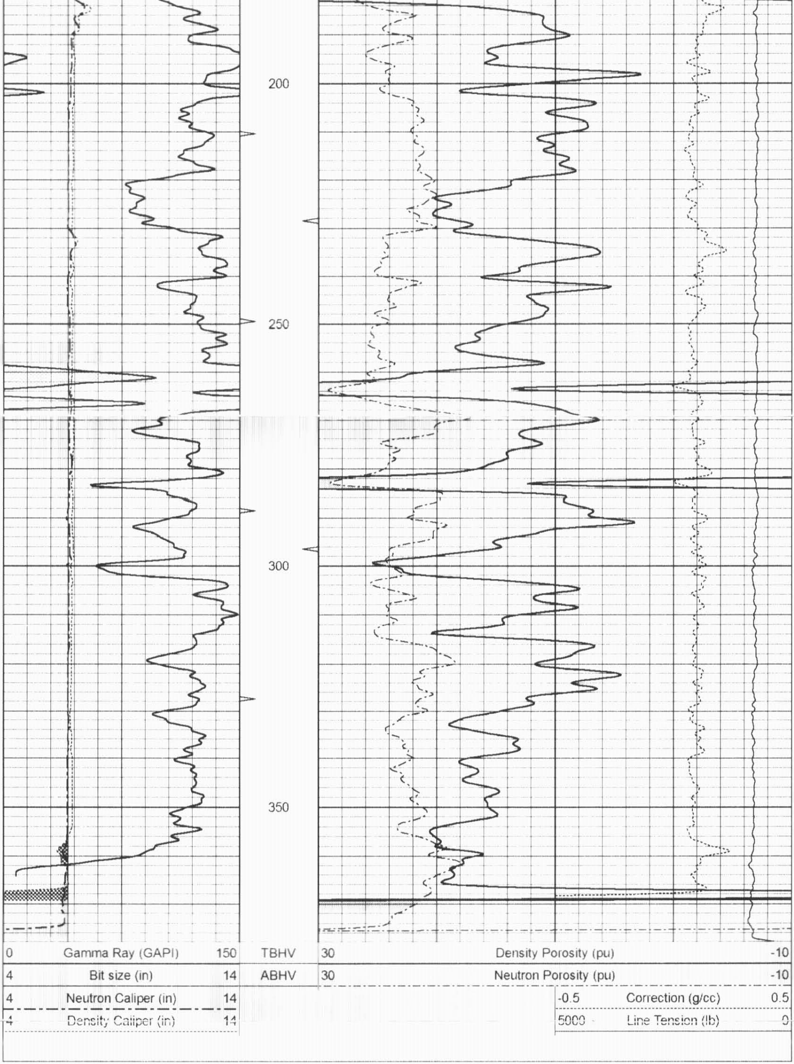
CREW : JOHNSON
PERMIT # 217-22823

5" CDL/SWN SECTION

Database File:	ow2-8081 colt energy.db
Dataset Pathname:	CDL/pass1.3
Presentation Format:	_neu4
Dataset Creation:	Mon Feb 27 11:54:03 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

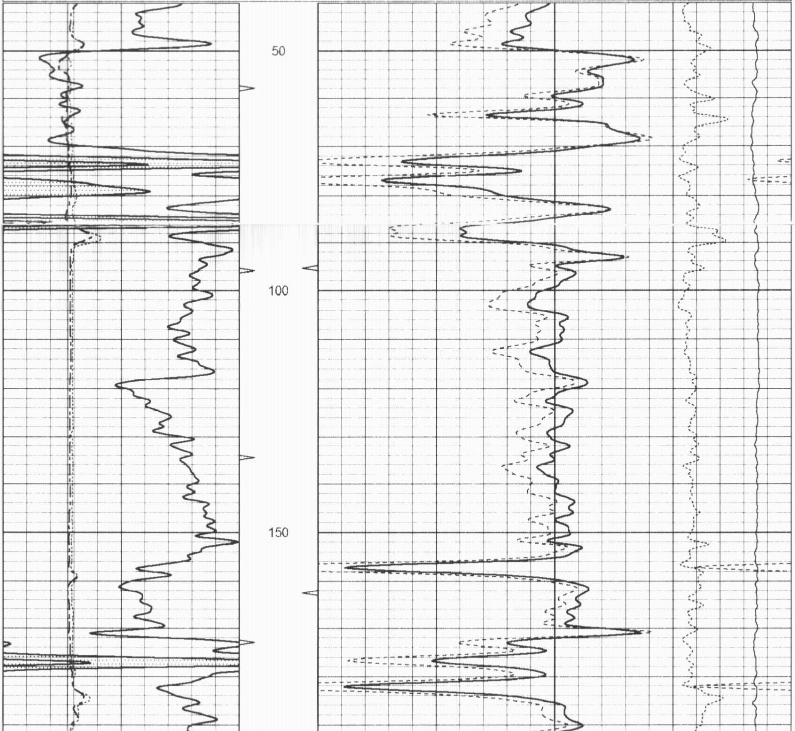


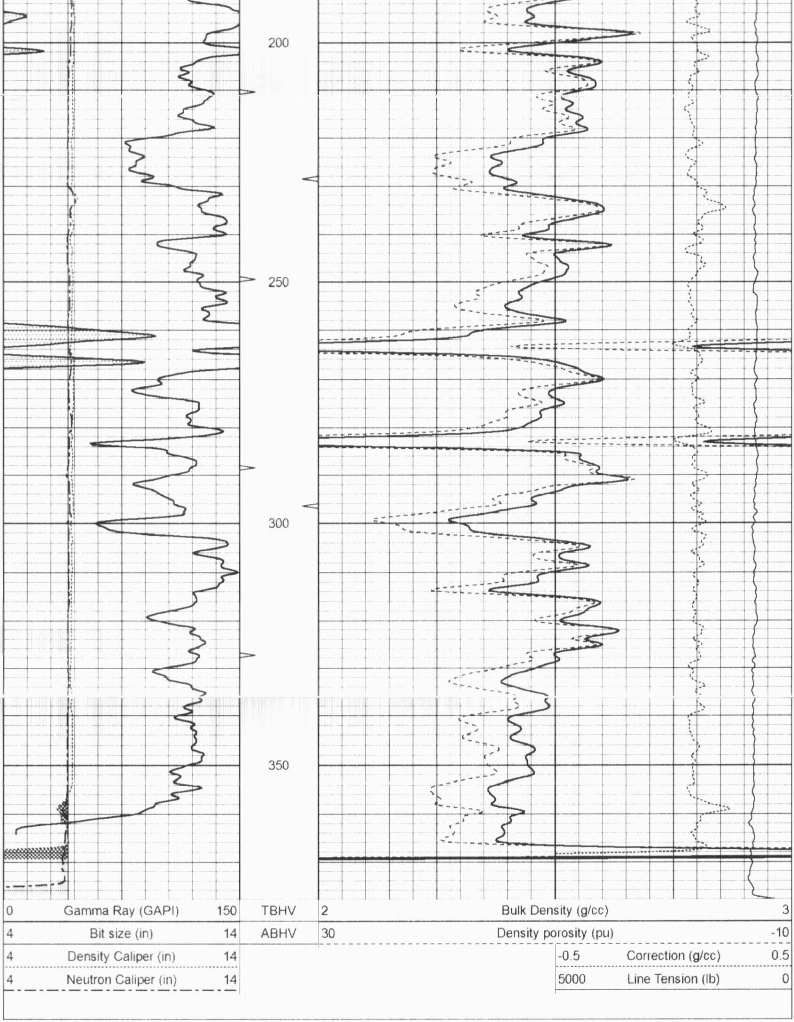


5" CDL SECTION

Database File:	ow2-8081 colt energy.db
Dataset Pathname:	CDL/pass1.2
Presentation Format:	bulk4
Dataset Creation:	Mon Feb 27 11:52:21 2012 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



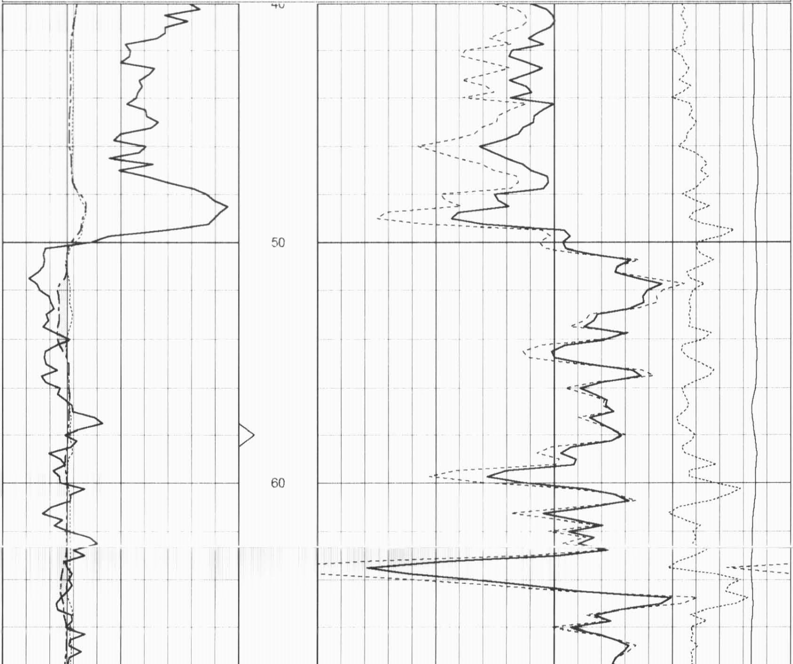


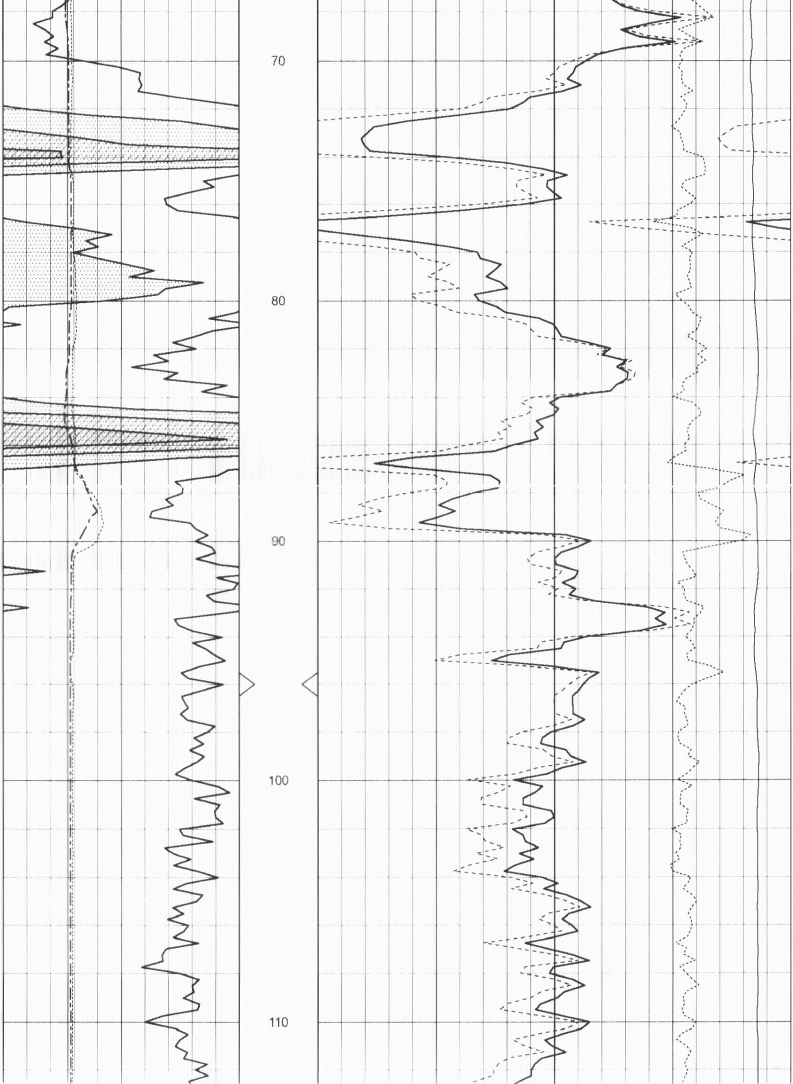
OPAGE WIRELINE

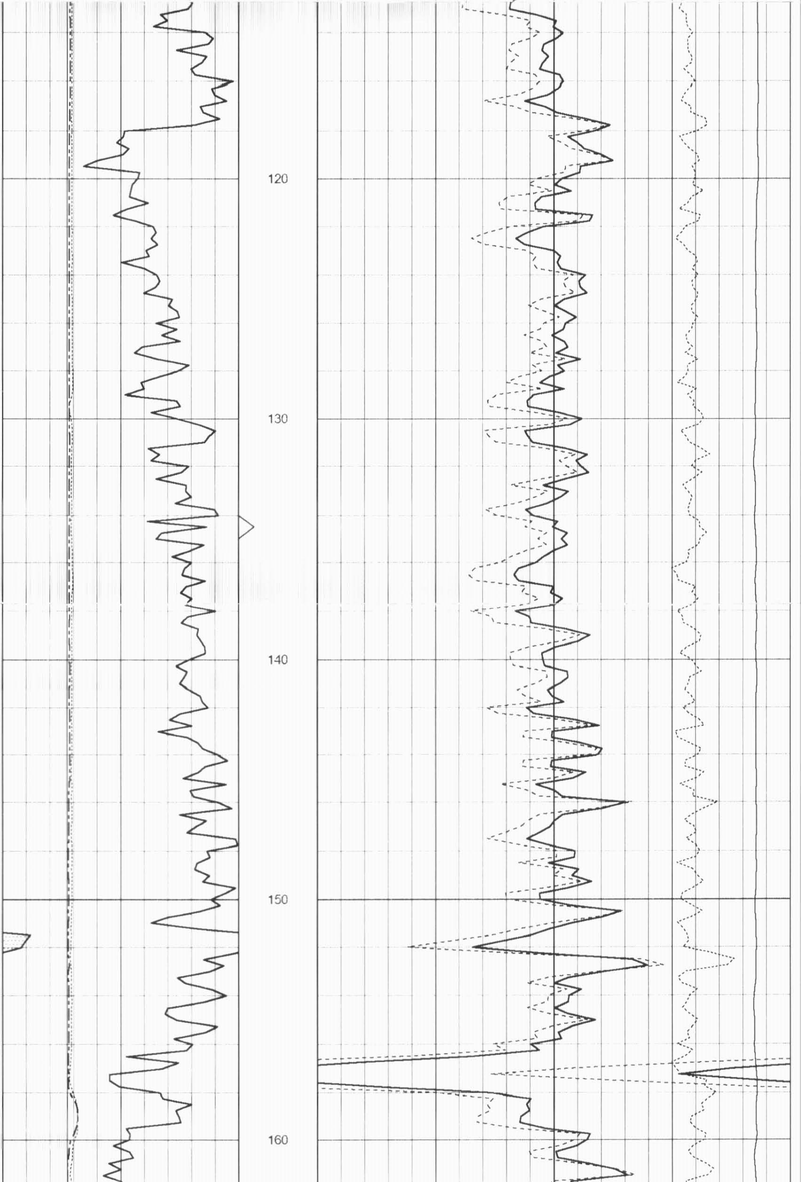
25" HR CDL SECTION

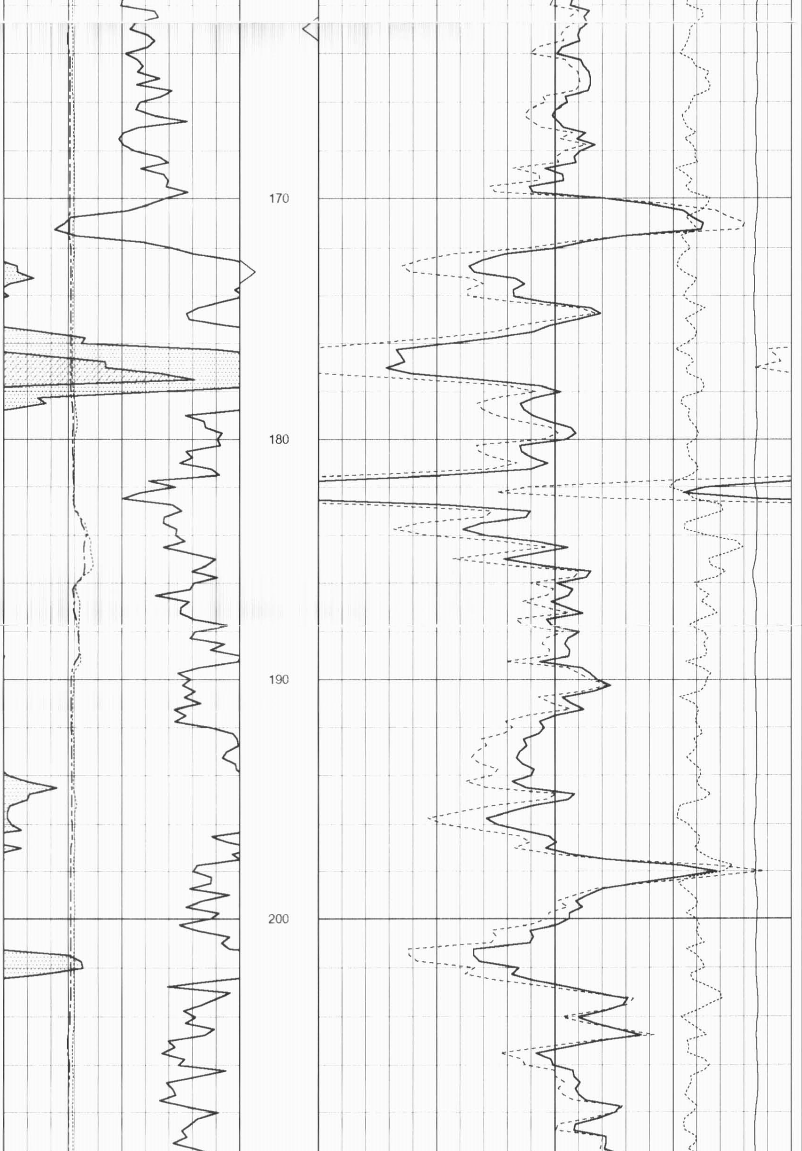
Database File:	ow2-8081 colt energy.db
Dataset Pathname:	CDL/pass1.4
Presentation Format:	bulk4hr
Dataset Creation:	Mon Feb 27 11:54:20 2012 by Calc SOC 110722
Charted by:	Depth in Feet scaled 1:48

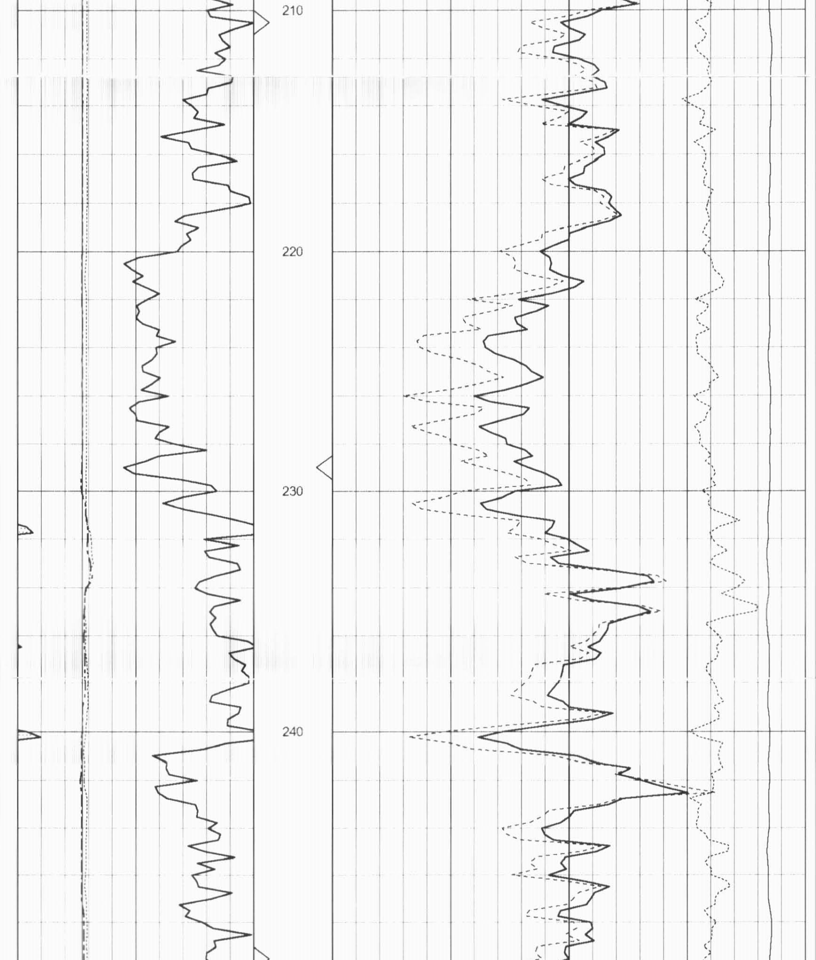
0	Gamma Ray (GAPI)	150	TBHV	2		Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30		Density porosity (pu)	-10
4	Density Caliper (in)	14			-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14			5000	Line Tension (lb)	0

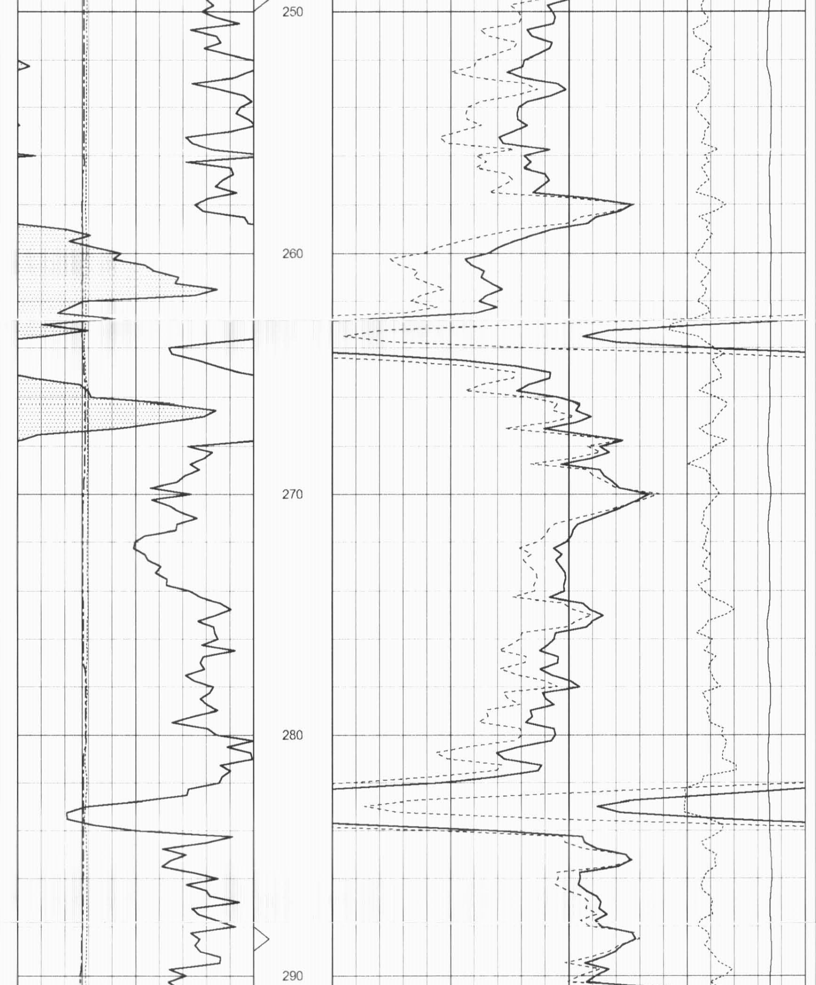


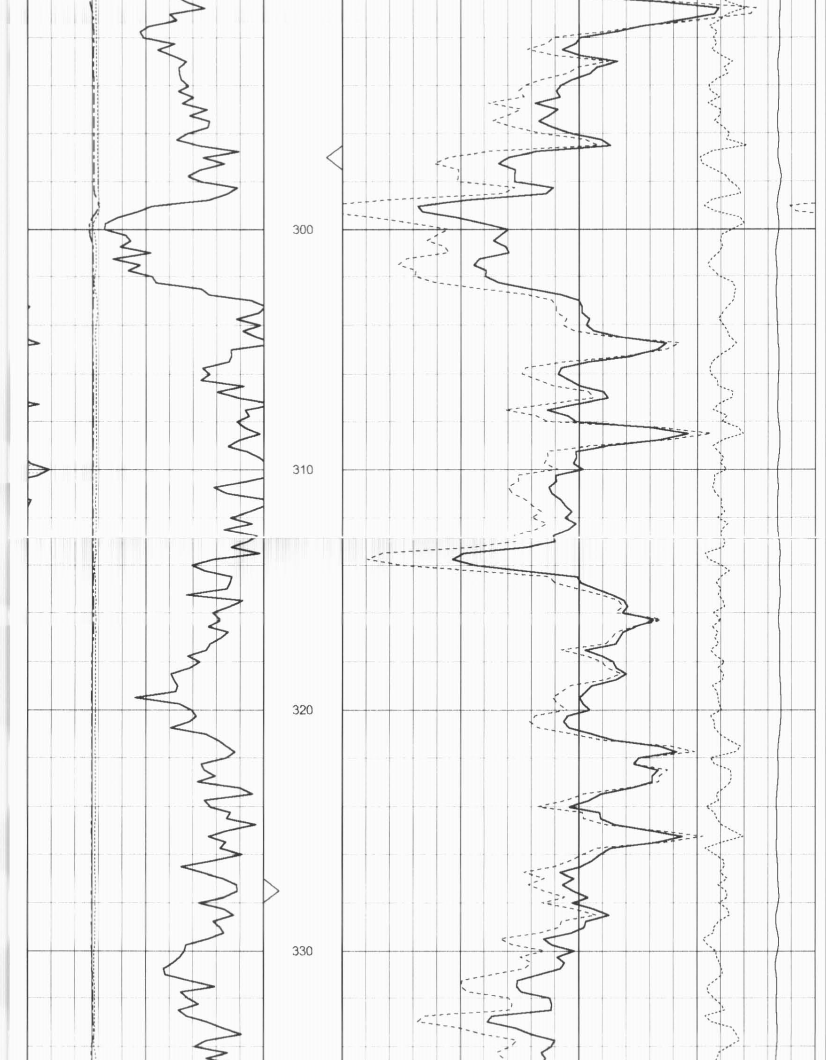


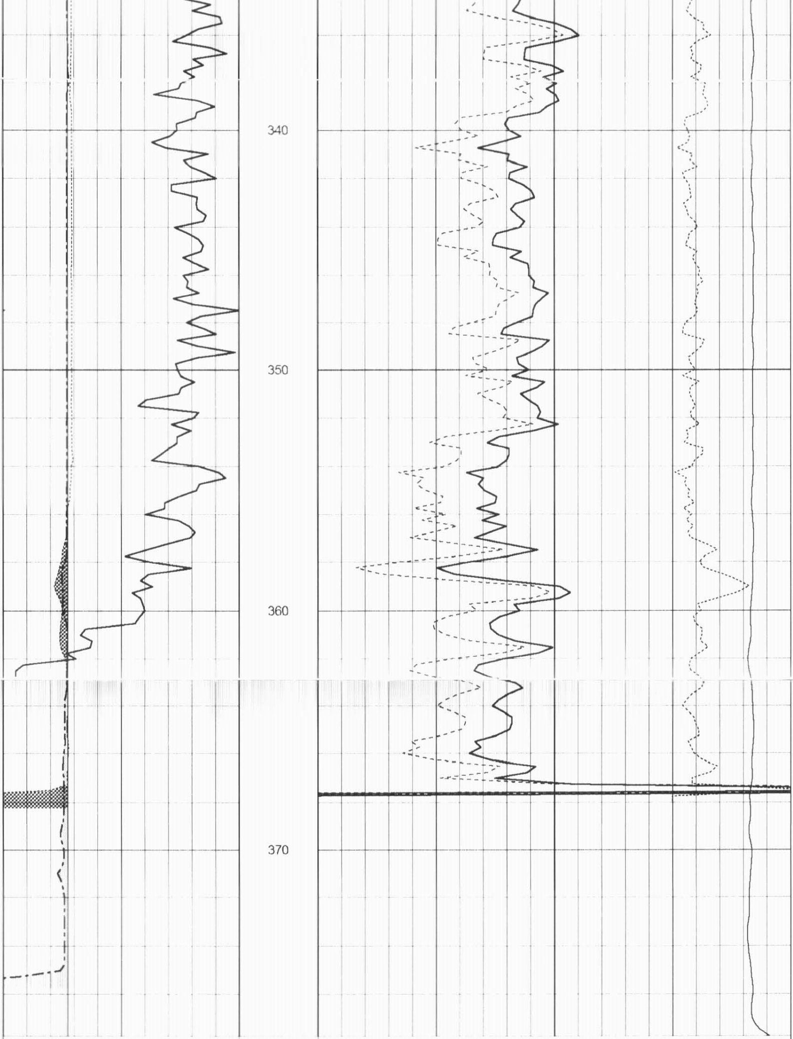




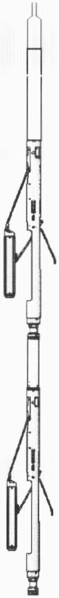








0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CableHead Isulation Sub	1.42	3.00	20.00
GR	15.60		Gamma-Oilex2122 (2122) Gamma Ray Section	2.83	3.50	75.00
LSD DCAL SSD	10.22 9.94 9.76		Density-Oilex2122 (2122) Density Section	6.08	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:	ow2-8081 colt energy.db: field/well/CDL/pass1
Total Length:	18.15 ft
Total Weight:	445.00 lb
O.D.	4.00 in