HIGH RESOLUTION
COMPENSATED DENSITY
SIDEWALL NEUTRON LOG

Company	COLT ENERGY INC.
Well	COUSINS, M. # 9-34
Field	
County	VERNON
State	MISSOURI

Company COLT ENERGY INC.

Well COUSINS, M. # 9-34

Field

County VERNON **State** MISSOURI

Location: API # : 24-217-22837

NE NE NE SE
2425' FSL & 165' FEL

SEC 34 TWP 34N RGE 33W

Other Services
DIL

Permanent Datum GL Elevation 776'
Log Measured From GL
Drilling Measured From GL

Elevation
K.B. --
D.F. --
G.L. 776'

Date	8-07-2012		
Run Number	ONE		
Depth Driller	180'		
Depth Logger	179'		
Bottom Logged Interval	177'		
Top Log Interval	SURFACE		
Casing Driller	7" @ 42'		
Casing Logger	7" @ 42'		
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		

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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

OW2-8187
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 4 1/2" CASING

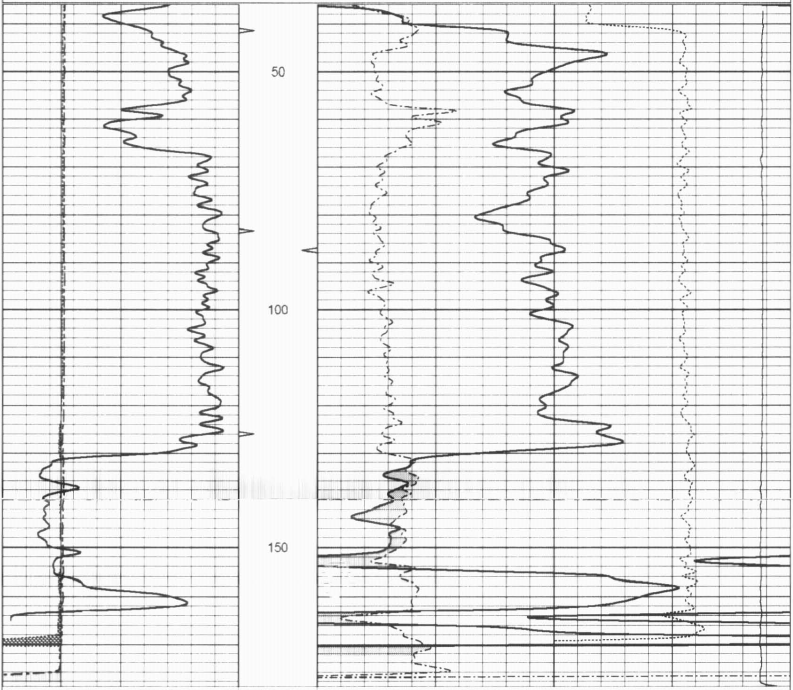
CREW : JOHNSON, SHAMBLES

PERMIT # 217-22837

5" CDL/SWN SECTION

Database File:	ow2-8187 colt energy.db
Dataset Pathname:	CDL/pass1.3
Presentation Format:	_neu4
Dataset Creation:	Tue Aug 07 15:13:23 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



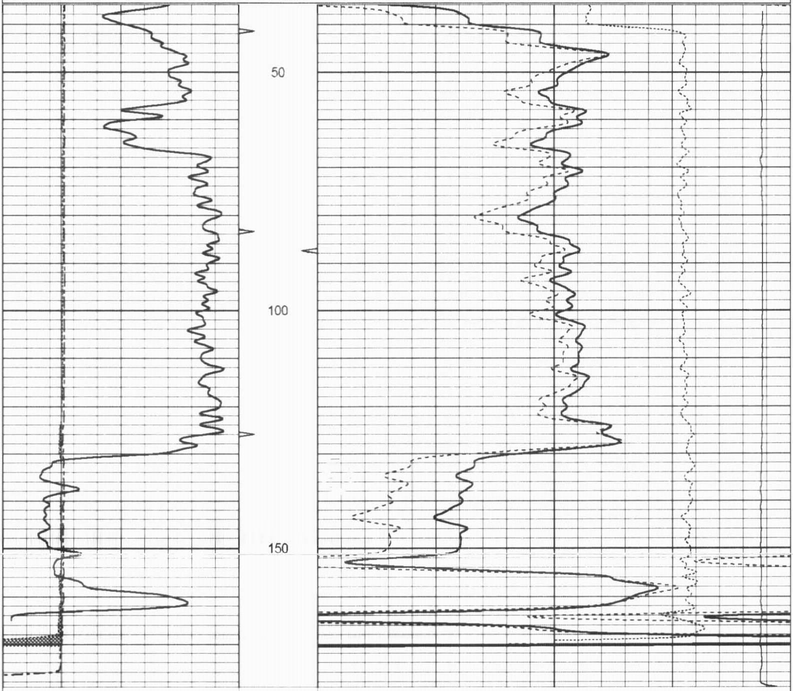
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14		5000	Line Tension (lb)	0

OSAGE WIRELINE

5" CDL SECTION

Database File: ow2-8187 colt energy.db
Dataset Pathname: CDL/pass1.2
Presentation Format: bulk4
Dataset Creation: Tue Aug 07 15:13:17 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



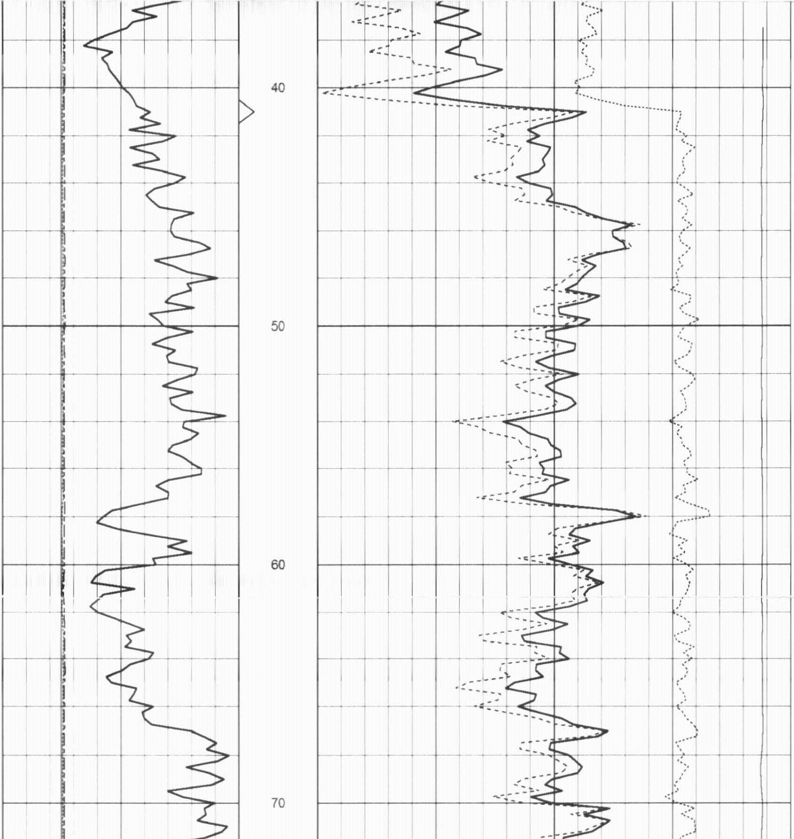
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

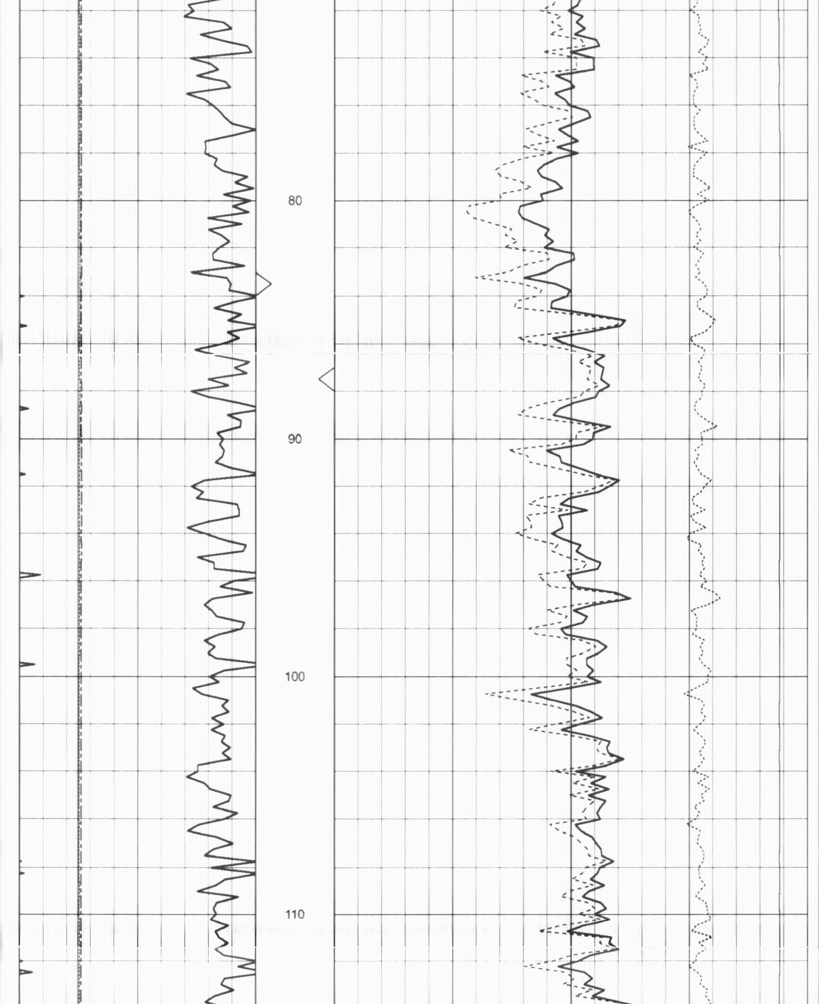
OSAGE WIRELINE

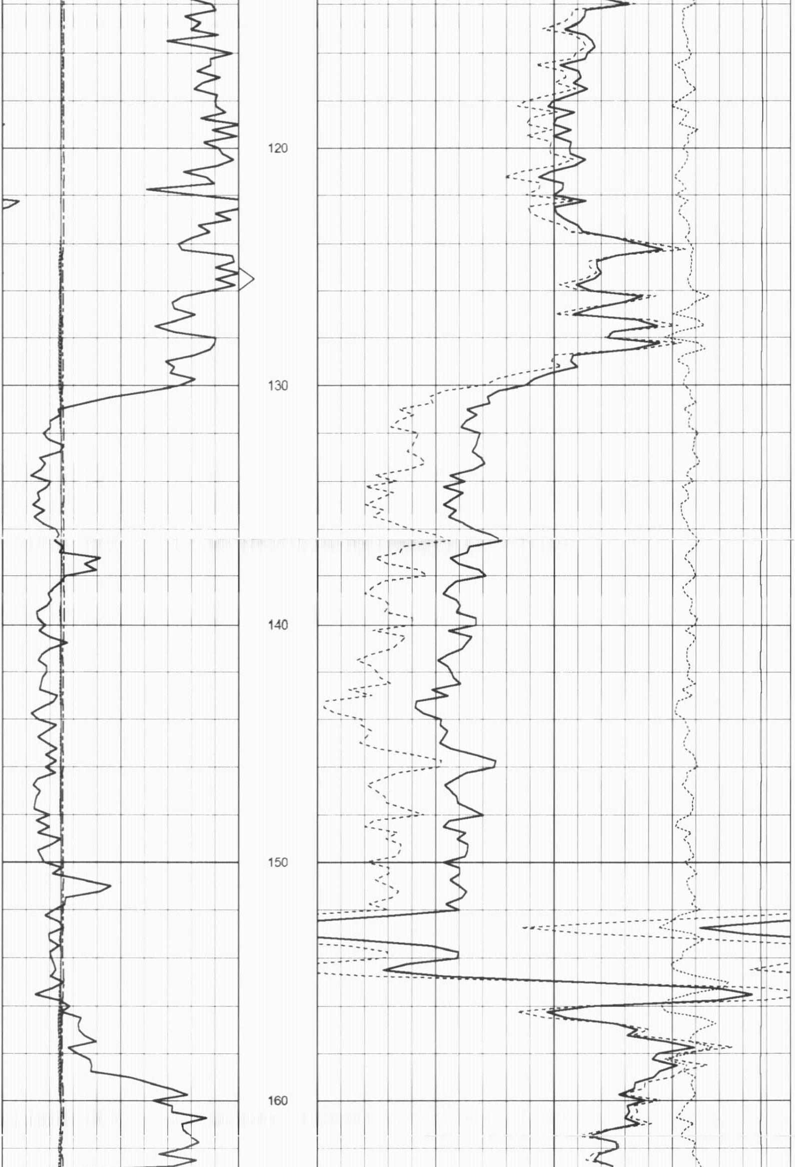
25" HR CDL SECTION

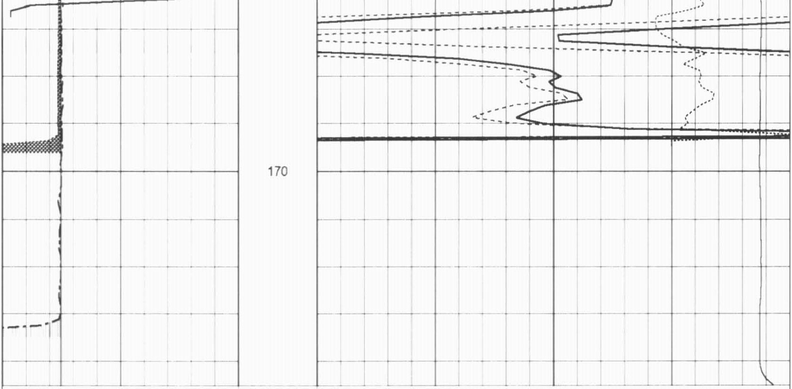
Database File:	ow2-8187 colt energy.db
Dataset Pathname:	CDL/pass1.4
Presentation Format:	bulk4hr
Dataset Creation:	Tue Aug 07 15:13:33 2012 by Calc SOC 111108
Charted by:	Depth in Feet scaled 1:48

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

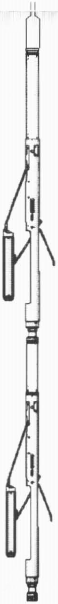








0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

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
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: ow2-8187 colt energy.db: field/well/CDL/pass1
Total Length: 18.33 ft
Total Weight: 445.00 lb
O.D. 4.00 in