CONFIDENTIAL

9-23-11

HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company	COLT ENERGY INC.
Well	JOHNSON, B & N REV TRS # 8E-17
Field	
County	IOLA
State	MISSOURI

Company COLT ENERGY INC.

Well JOHNSON, B & N REV TRS # 8E-17

Field

County IOLA State MISSOURI

Location: API # 24-217-22513

Latitude 37.82358 & Longitude -94.58691
1940 FNL & 720 FEL
Permit # 22513

SEC 17 TWP 35N RGE 33W

Other Services: DIL

			Elevation
Permanent Datum	GL	Elevation 845	K.B. ---
Log Measured From	GL		D.F. ---
Drilling Measured From	GL		G.L. 845

Date	7-27-2010	
Run Number	ONE	
Depth Driller	345	
Depth Logger	346	
Bottom Logged Interval	344	
Top Log Interval	SURFACE	
Casing Driller	8 5/8" @ 21	
Casing Logger	8 5/8" @ 21	
Bit Size	7 7/8"	
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	CLEVELAND, OK	
Recorded By	LOWERY	WOODS
Witnessed By	MR. STEGEMAN	

RECEIVED
SEP 23 2010
Mo Oil & Gas Council

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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.

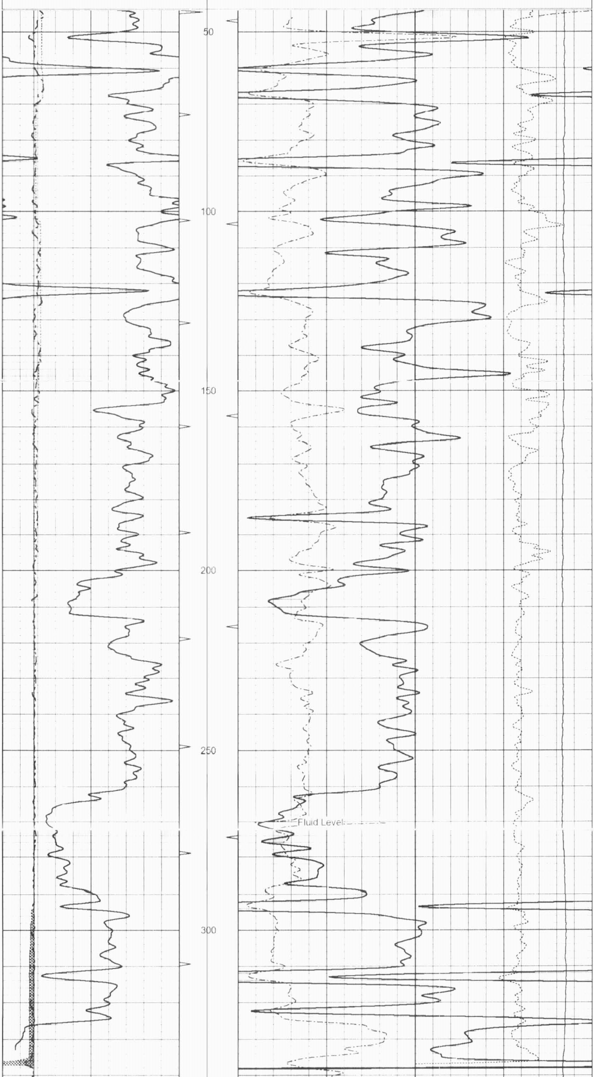
Comments

OW2-7047
MATRIX LIMESTONE 2.71 g/cc
ABHV COMPUTED WITH 5 1/2" CASING
THANK YOU

5" CDL/SWN SECTION

Database File: ow2-7047 colt energy.db
Dataset Pathname: CDL/pass2.8
Presentation Format: _neu6
Dataset Creation: Tue Jul 27 17:18:00 2010 by Calc Open-Cased 081212
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		5000	Line Tension (lb)	0

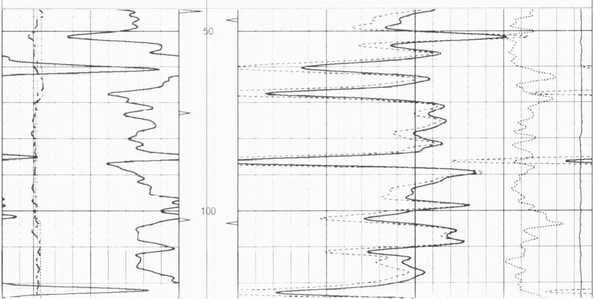


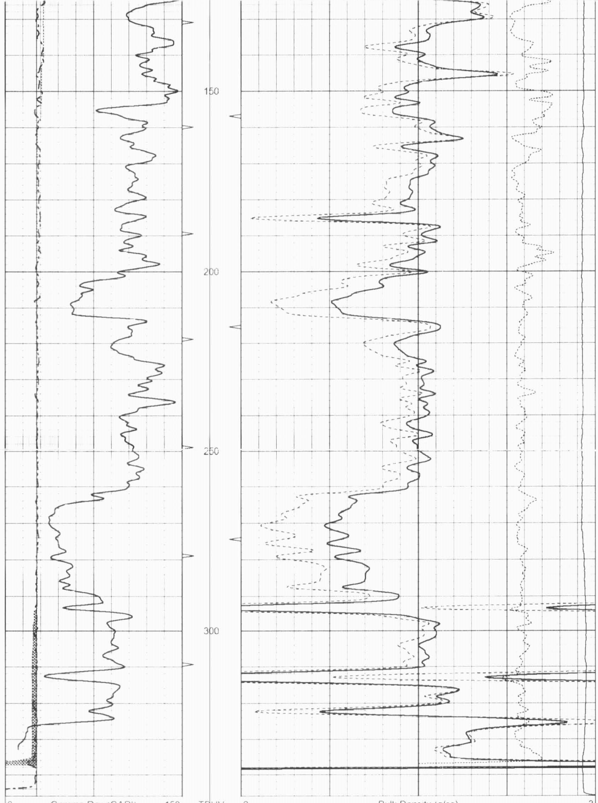
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		5000	Line Tension (lb)	0

5" CDL SECTION

Database File: ow2-7047 colt energy.db
Dataset Pathname: CDL/pass2.7
Presentation Format: bulk6
Dataset Creation: Tue Jul 27 17:17:43 2010 by Calc Open-Cased 081212
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		5000	Line Tension (lb)	500



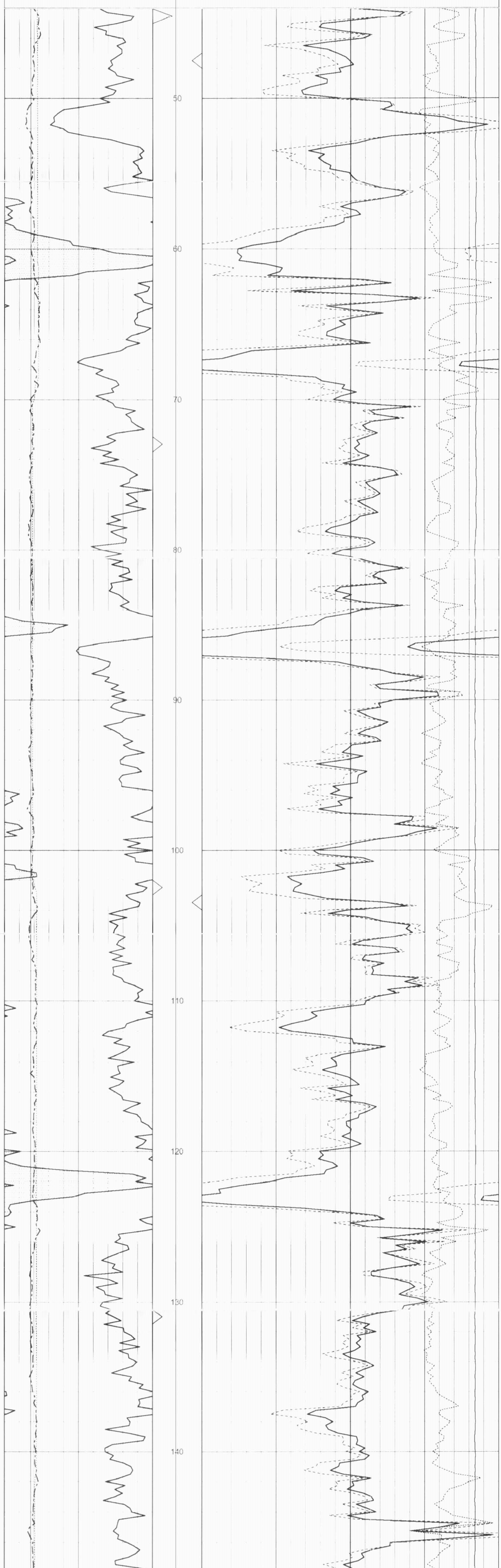


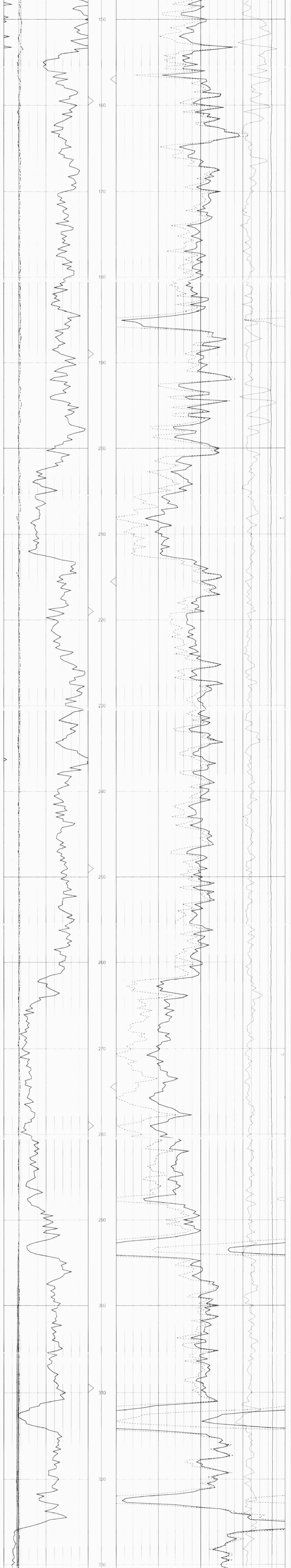
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		5000	Line Tension (lb)	500

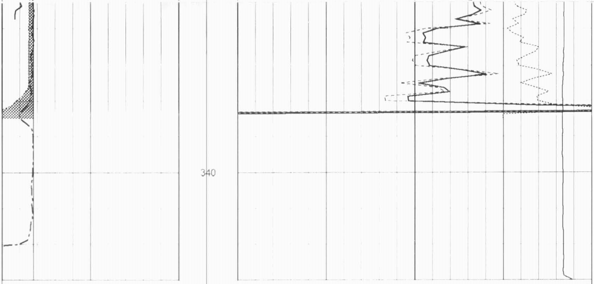
25" HR CDL SECTION

Database File: ow2-7047 colt energy.db
Dataset Pathname: CDL/pass2.9
Presentation Format: bulk6hr
Dataset Creation: Tue Jul 27 17:18:18 2010 by Calc Open-Cased 081212
Charted by: Depth in Feet scaled 1:48

0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		5000	Line Tension (lb)	0







0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Density Caliper (in)	16		-0.5	Correction (g/cc)	0.5
6	Neutron Caliper (in)	16		5000	Line Tension (lb)	0

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	15.00		OHGR-GOI (3007)	0.13	3.25	
			CDL-GOI (3007)	7.25	4.00	100.00
DCAL	9.58					
LSD	9.42					
SSD	9.21					
			OHNEU-PROBEOP (SWN-3015)	7.75	4.00	100.00
SCAL	2.04					
SWN	1.65					
NEU	1.57					

Dataset ow2-7047 colt energy.db: field/well/CDL/pass2.9
Total Length 15.13 ft
Total Weight 200.00 lb
O.D. 4.00 in