HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

ORAGE WIRELINE

10/19/11

RECEIVED APR 20 2011 Mo Oil & Gas Council

Company	COLT ENERGY INC.
Well	THE FARM # 1-31
Field	
County	VERNON
State	MISSOURI
Location	N/2 NE 240' FNL & 975' FEL
API #	24-217-22623-0000
Other Services	DIL
SEC 31 TWP 35N RGE 33W	
Permanent Datum	GL
Elevation	809'
Log Measured From	GL
Drilling Measured From	GL
Elevation KB	—
Elevation DF	—
Elevation GL	809'

Date	11-11-2010
Run Number	ONE
Depth Driller	318'
Depth Logger	317'
Bottom Logged Interval	315'
Top Log Interval	SURFACE
Casing Driller	8.625" @ 40'
Casing Logger	8.625" @ 40'
Bit Size	7.875"
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	OW1
Location	CLEVELAND, OK
Recorded By	SHELDON TYLER, SPENCER TYLER
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.

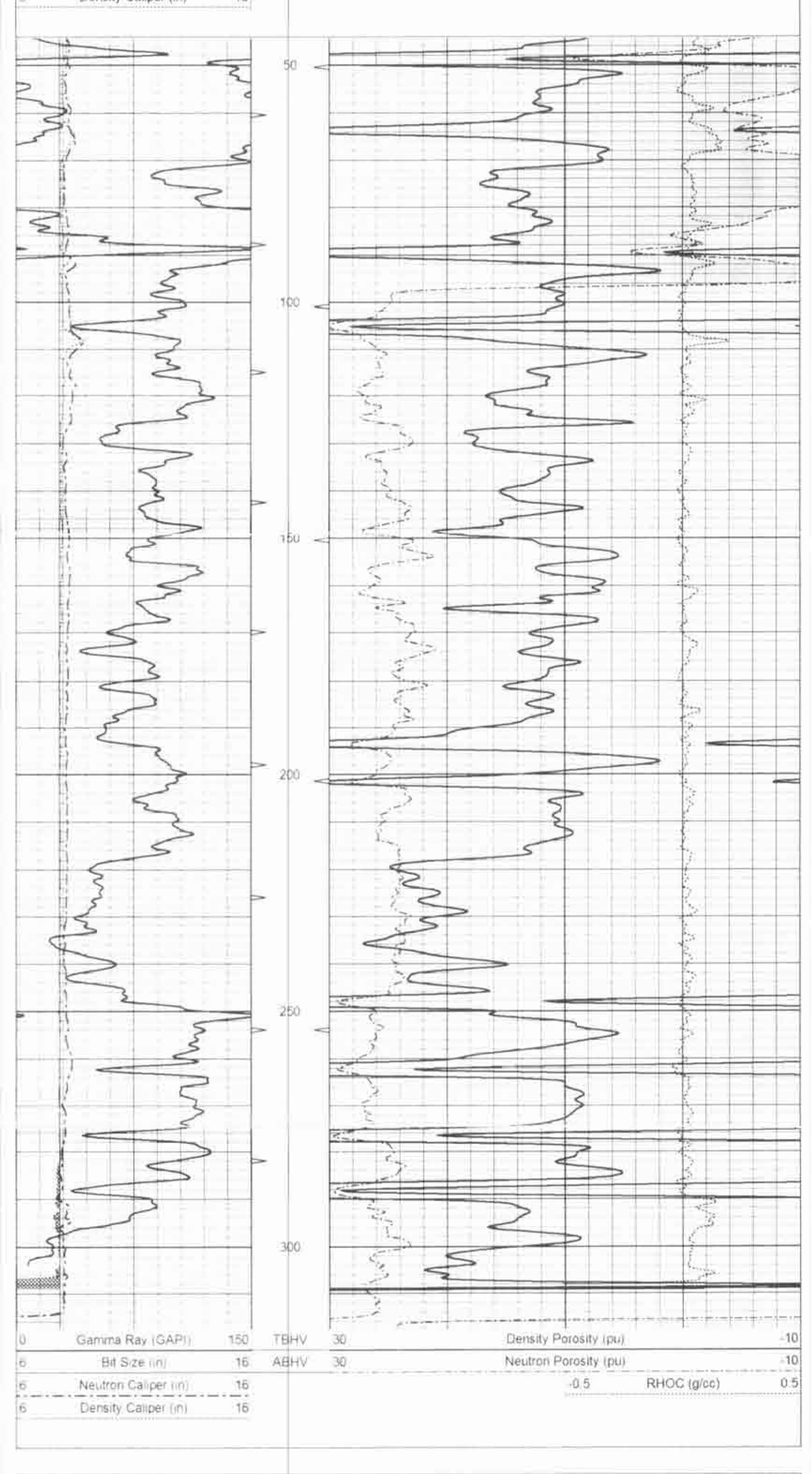
Comments

OW1-7202
MATRIX LIMESTON 2.71 G/CC
ABHV COMPUTED WITH 4 1/2 CASING

5" CDL/SWN SECTION

Database File	ow1-7202 colt energy.db
Dataset Pathname	CDL/pass2.2
Presentation Format	_neu6
Dataset Creation	Thu Nov 11 13:55:02 2010 by Calc Open-Cased 090629
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 Neutron Caliper (in) 16 | -0.5 RHOC (g/cc) 0.5
6 Density Caliper (in) 16



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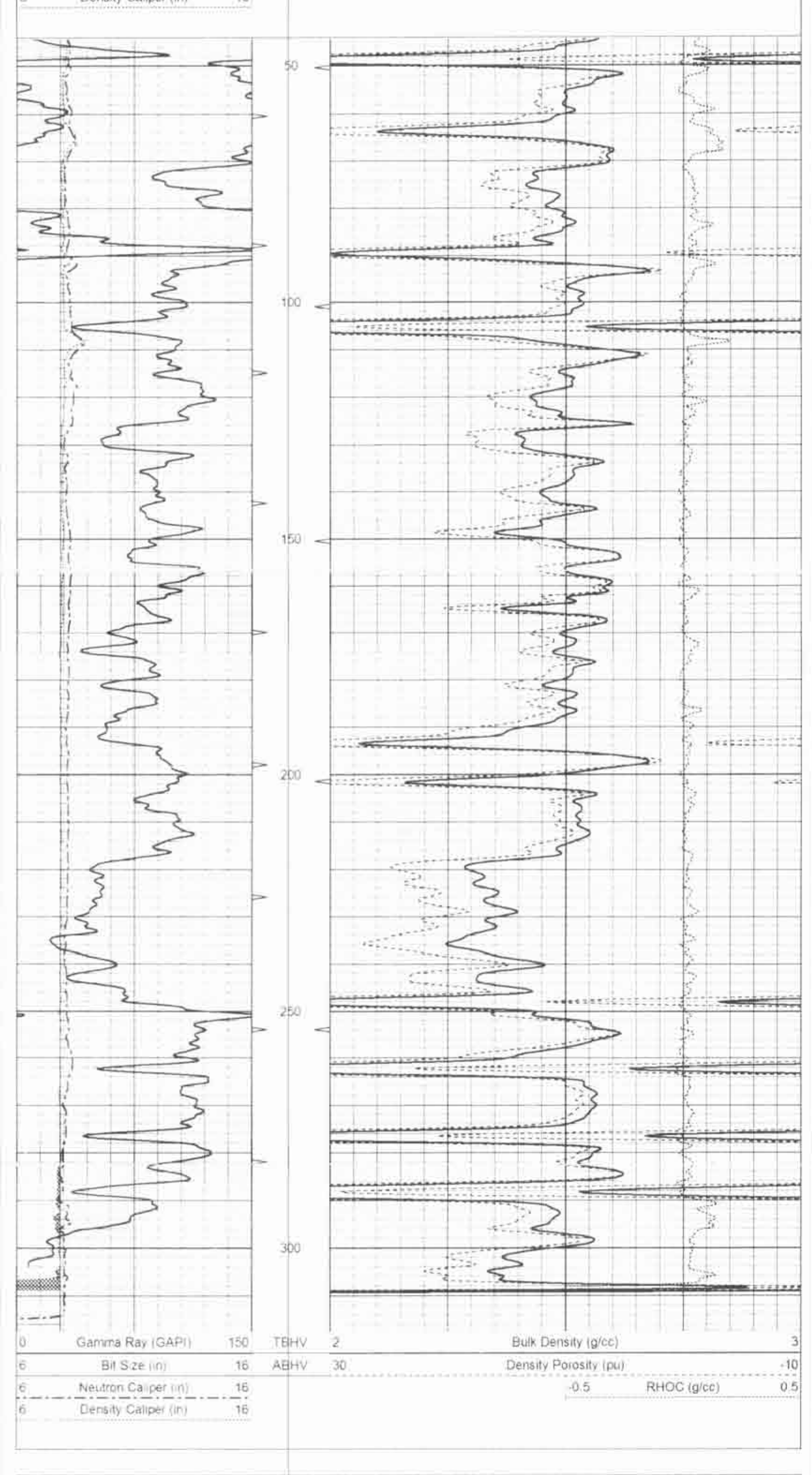
6 Bit Size (in) 16 | ABHV 30 | Neutron Porosity (pu) -10
6 Neutron Caliper (in) 16 | -0.5 RHOC (g/cc) 0.5
6 Density Caliper (in) 16

5" CDL SECTION

Database File	ow1-7202 colt energy.db
Dataset Pathname	CDL/pass2.3
Presentation Format	bulk6
Dataset Creation	Thu Nov 11 13:55:11 2010 by Calc Open-Cased 090629
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 Neutron Caliper (in) 16 | -0.5 RHOC (g/cc) 0.5
6 Density Caliper (in) 16



0 Gamma Ray (GAPI) 150 | TBHV 2 | Bulk Density (g/cc) 3
6 Bit Size (in) 16 | ABHV 30 | Density Porosity (pu) -10
6 Neutron Caliper (in) 16 | -0.5 RHOC (g/cc) 0.5
6 Density Caliper (in) 16

25" HR CDL SECTION

Database File	ow1-7202 colt energy.db
Dataset Pathname	CDL/pass2.4
Presentation Format	bulk6hr
Dataset Creation	Thu Nov 11 13:55:25 2010 by Calc Open-Cased 090629
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 RHOC (g/cc) 0.5
6 Neutron Caliper (in) 16

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 RHOC (g/cc) 0.5
6 Neutron Caliper (in) 16

Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
GR	15.00	OHGR-GOI (2122)	2.50	3.50	40.00
DCAL	9.75	CDL-GOI (2226)	6.00	4.00	150.00
LSD	9.42				
SSD	9.21				
SCAL	2.04	OHNEU-PROBEOP (SWN-3015)	7.75	4.00	120.00
NEU	1.65				
SWN	1.65				

Dataset	ow1-7202 colt energy.db: field/well/CDL/pass2.3
Total Length	16.25 ft
Total Weight	310.00 lb
O.D.	4.00 in