Company	COLT ENERGY INC		
Well	CLARY # 1KAP1		
Field			
County	VERNON		
State	MISSOURI		

HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

CONFIDENTIAL 4/20/12

RECEIVED APR 20 2011 Mo Oil & Gas Council

Company	COLT ENERGY INC		
Well	CLARY # 1KAP1		
Field			
County	VERNON	State	MISSOURI
Location:	API # : 24-217-22197-0000	Other Services	
	NE		
	505' FNL & 520' FEL	DIL	
	SEC 32 TWP 35N RGE 33W		
Permanent Datum	GL	Elevation 805'	Elevation
Log Measured From	GL		K.B. ---
Drilling Measured From	GL		D.F. ---
			G.L. 805'

Date	7-16-2010
Run Number	ONE
Depth Driller	284'
Depth Logger	284'
Bottom Logged Interval	282'
Top Log Interval	SURFACE
Casing Driller	8.625" @ 36'
Casing Logger	8.625" @ 36'
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 HUNTER WOODS
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.

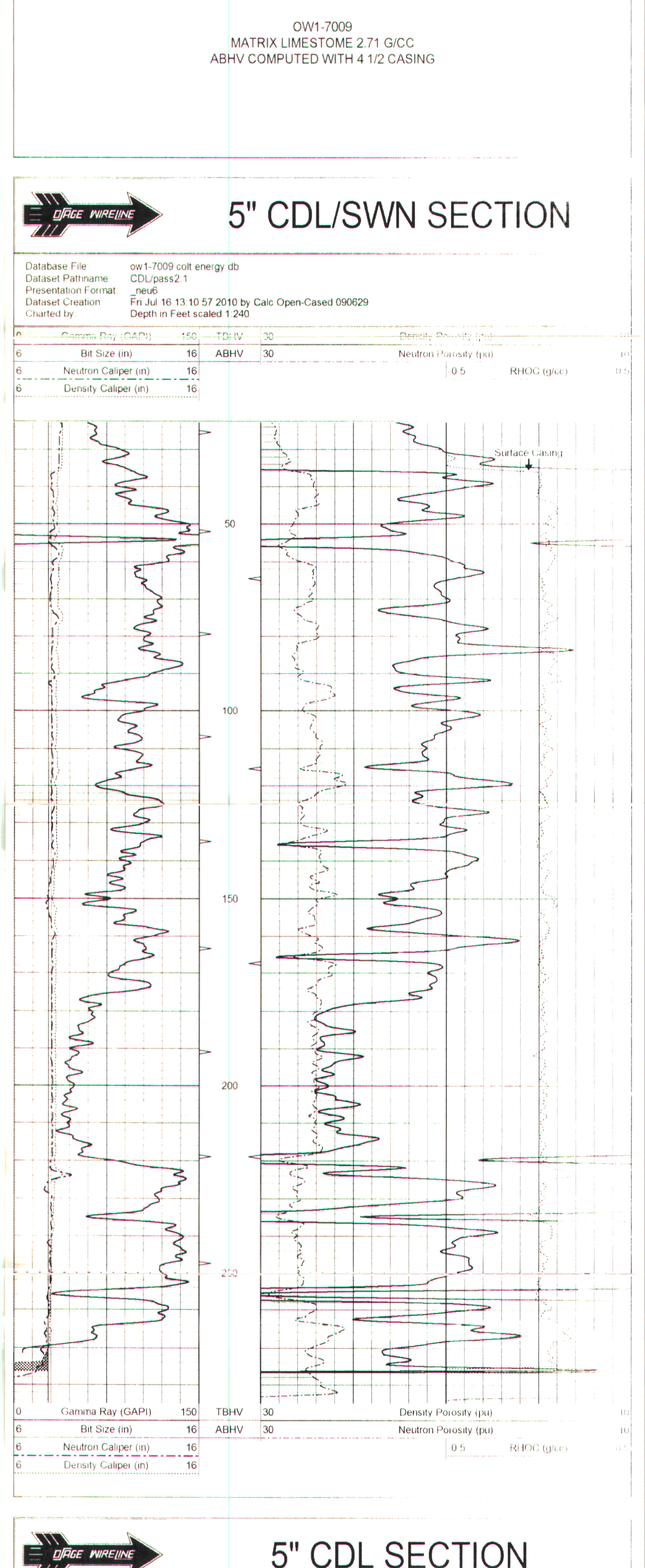
Comments

OW1-7009
MATRIX LIMESTOME 2.71 G/CC
ABHV COMPUTED WITH 4 1/2 CASING

5" CDL/SWN SECTION

Database File	ow1-7009 colt energy.db
Dataset Pathname	CDL/pass2.1
Presentation Format	_neu6
Dataset Creation	Fri Jul 16 13:10:57 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

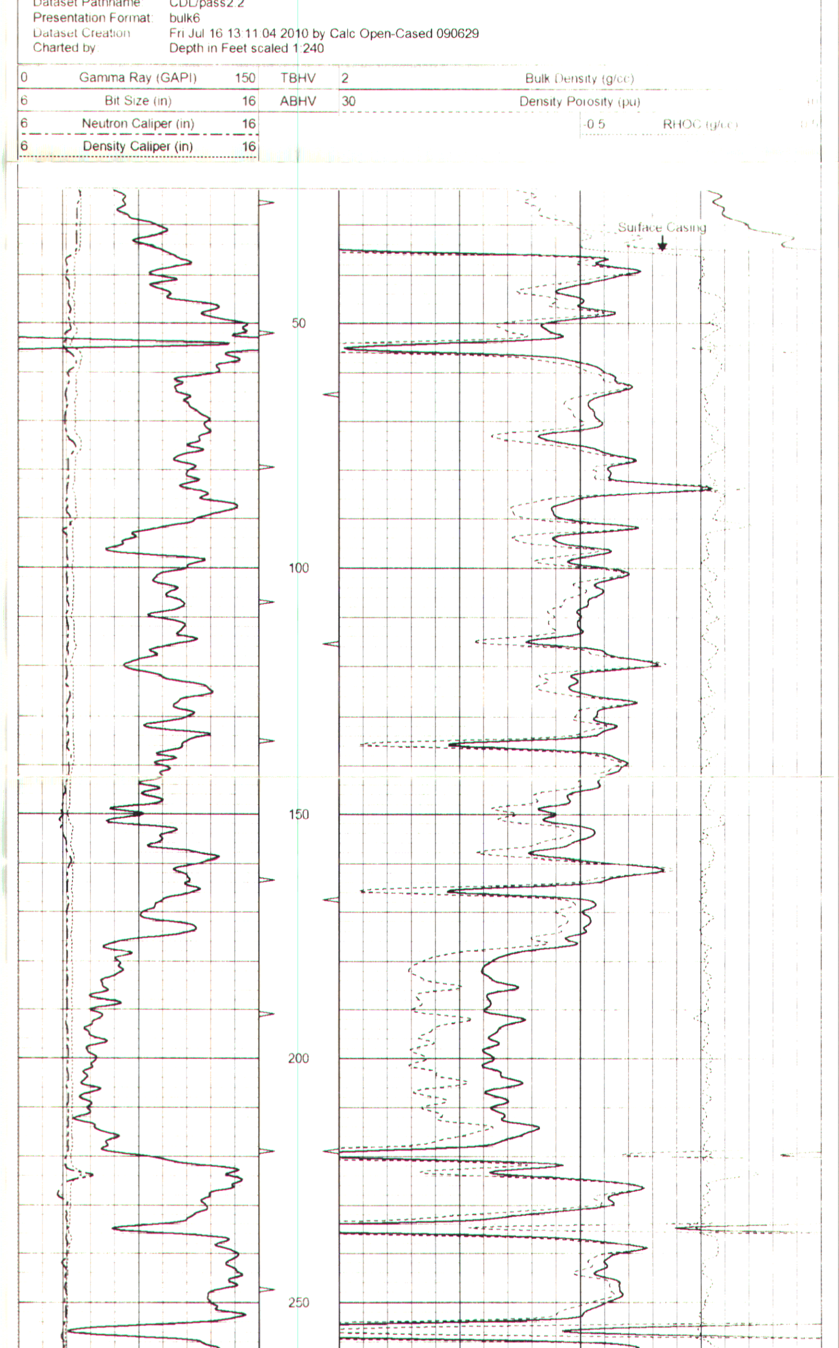


0 Gamma Ray (GAPI) 150 | TBHV 30 Density Porosity (pu) 10
6 Bit Size (in) 16 | ABHV 30 Neutron Porosity (pu) 10
6 Neutron Caliper (in) 16 | -0.5 RHOC (g/cc) 0.5
6 Density Caliper (in) 16

5" CDL SECTION

Database File	ow1-7009 colt energy.db
Dataset Pathname	CDL/pass2.2
Presentation Format	bulk6
Dataset Creation	Fri Jul 16 13:11:04 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	ow1-7009 colt energy.db
Dataset Pathname	CDL/pass2.3
Presentation Format	bulk6hr
Dataset Creation	Fri Jul 16 13:11:17 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)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	15.00		OHGR-GOI (2122)	2.50	3.50	[illegible]
			CDL-GOI (2226)	6.00	4.00	[illegible]
DCAL	9.75					
LSD	9.42					
SSD	9.21					
			OHNEU-PROBEOP (SWN-3015)	7.75	4.00	120.00
SCAL	2.04					
NEU	1.65					
SWN	1.65					

Dataset	ow1-7009 colt energy.db: field/well/CDL/pass2.2
Total Length	16.25 ft
Total Weight	310.00 lb
O.D.	4.00 in