HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

DIAGE WIRELINE

CONFIDENTIAL 10/18/12

RECEIVED DEC 05 2011 Mo Oil & Gas Council

Company	COLT ENERGY, INC.
Well	NORTH RHODEN # 71 D2
Field	
County	JACKSON
State	MISSOURI

Company COLT ENERGY, INC.
Well NORTH RHODEN # 71 D2
Field
County JACKSON State MISSOURI
Location: API #: 24-095-21411
SW SE NW SE
1475' FSL & 1765' FEL
LATTITUDE 38.86402 & LONGITUDE -94.57066
SEC 28 TWP 47N RGE 33W
Other Services: DIL
Permanent Datum GL Elevation 1040'
Log Measured From GL
Drilling Measured From GL
Elevation: K.B. --- D.F. --- G.L. 1040'

Date	10-18-2011
Run Number	ONE
Depth Driller	692'
Depth Logger	680'
Bottom Logged Interval	678'
Top Log Interval	SURFACE
Casing Driller	8 5/8" @ 20'
Casing Logger	8 5/8" @ 20'
Bit Size	6 3/4"
Type Fluid in Hole	MUD
Density / Viscosity	
pH / Fluid Loss	
Source of Sample	PIT
Rm @ Meas. Temp	1.50 @ 65
Rmf @ Meas. Temp	1.80 @ 65
Rmc @ Meas. Temp	1.20 @ 65
Source of Rmf / Rmc	
Rm @ BHT	
Time Circulation Stopped	
Time Logger on Bottom	3:30 PM
Maximum Recorded Temperature	
Equipment Number	OW2
Location	HOMINY, OK
Recorded By	LOWERY
Witnessed By	MR. ASHLOCK

<<< Fold Here >>>

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

OW2-7943
MATRIX LIMESTONE 2.71 g/cc
ABHV COMPUTED WITH 4 1/2" CASING

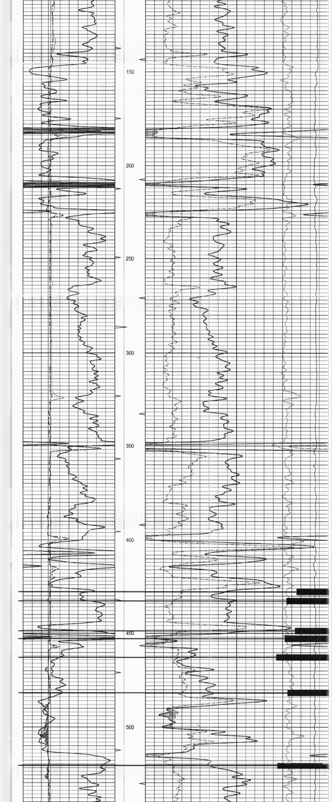
CREW: JOHNSON, ROBINSON

PERMIT # 095-21411

5" CDL/SWN SECTION

Database File: ow2-7943 colt energy.db
Dataset Pathname: CDL/pass1.4
Presentation Format: _neu4
Dataset Creation: Tue Oct 18 15:45:40 2011 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

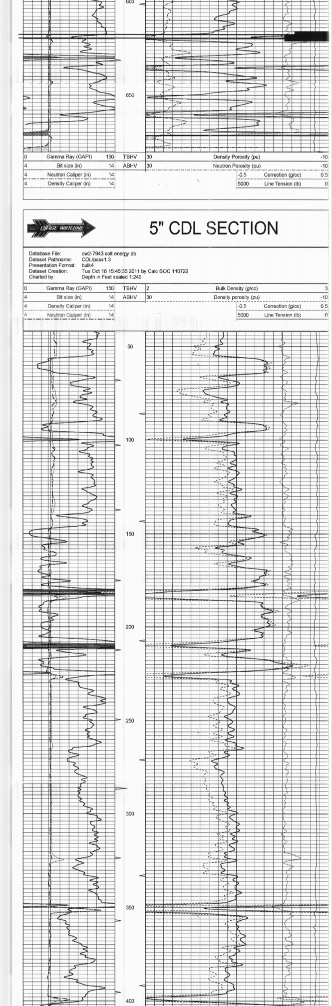


0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14		5000	Line Tension (lb)	0

5" CDL SECTION

Database File: ow2-7943 colt energy.db
Dataset Pathname: CDL/pass1.3
Presentation Format: _cdl
Dataset Creation: Tue Oct 18 15:45:25 2011 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



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

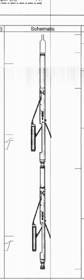
25" HR CDL SECTION

Database File: ow2-7943 colt energy.db
Dataset Pathname: CDL/pass1.3
Presentation Format: _hrcdl
Dataset Creation: Tue Oct 18 15:45:25 2011 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	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: ow2-7943 colt energy.db: field/well/CDL/pass1
Total Length: 18.33 ft
Total Weight: 445.00 lb