OSAGE WIRELINE

COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company ARBUCKLE ENTERPRISES, INC.
Well VON MERVELDT # 7
Field PERU - SEDAN
County CHAUTAUQUA
State KANSAS

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Well	VON MERVELDT # 7
Field	PERU - SEDAN
County	CHAUTAUQUA State KANSAS

Location: API # : 15-019-27298-0000

NE SE SE SW
465' FSL & 2475' FWL
SEC 18 TWP 34S RGE 12E

Other Services
DIL

Permanent Datum	GL	Elevation	900' est
Log Measured From	GL		
Drilling Measured From	GL		

Elevation
K.B. ---
D.F. ---
G.L. 900' est

Date	7-29-2013		
Run Number	ONE		
Depth Driller	1212'		
Depth Logger	1215'		
Bottom Logged Interval	1213'		
Top Log Interval	SURFACE		
Casing Driller	8 5/8" @ 42'		
Casing Logger	8 5/8" @ 42'		
Bit Size	6 3/4"		
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	KIDD	
Witnessed By	MR. LONG		

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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

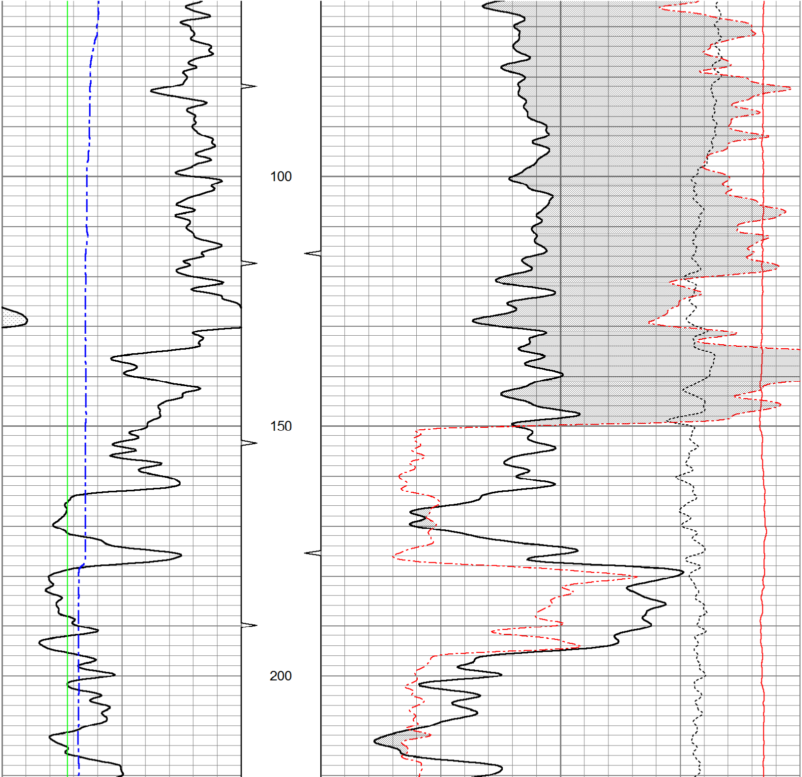
OW2-8419
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 4 1/2" CASING

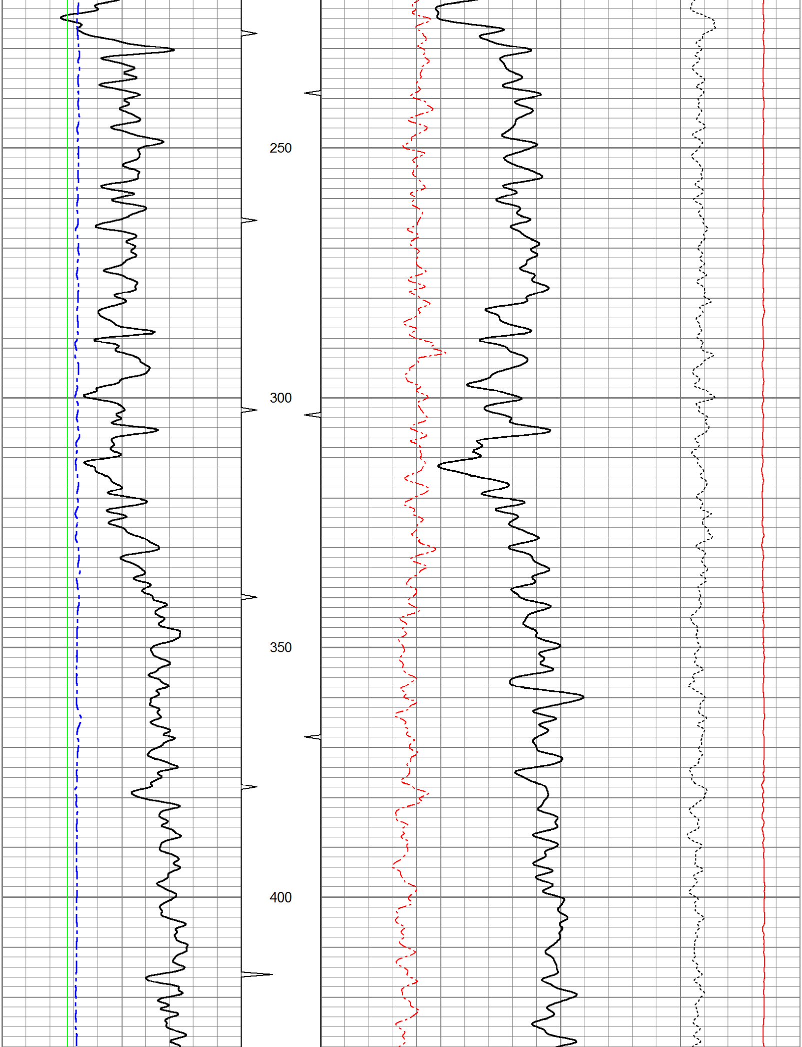
CREW :

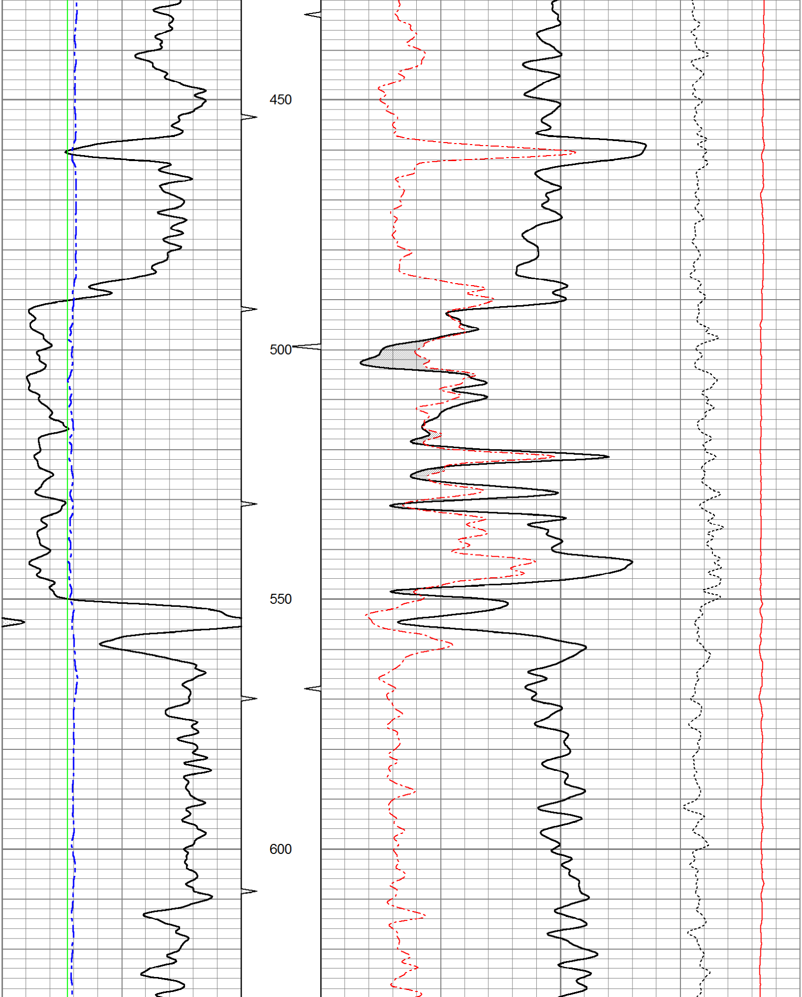
5" CDL/SWN SECTION

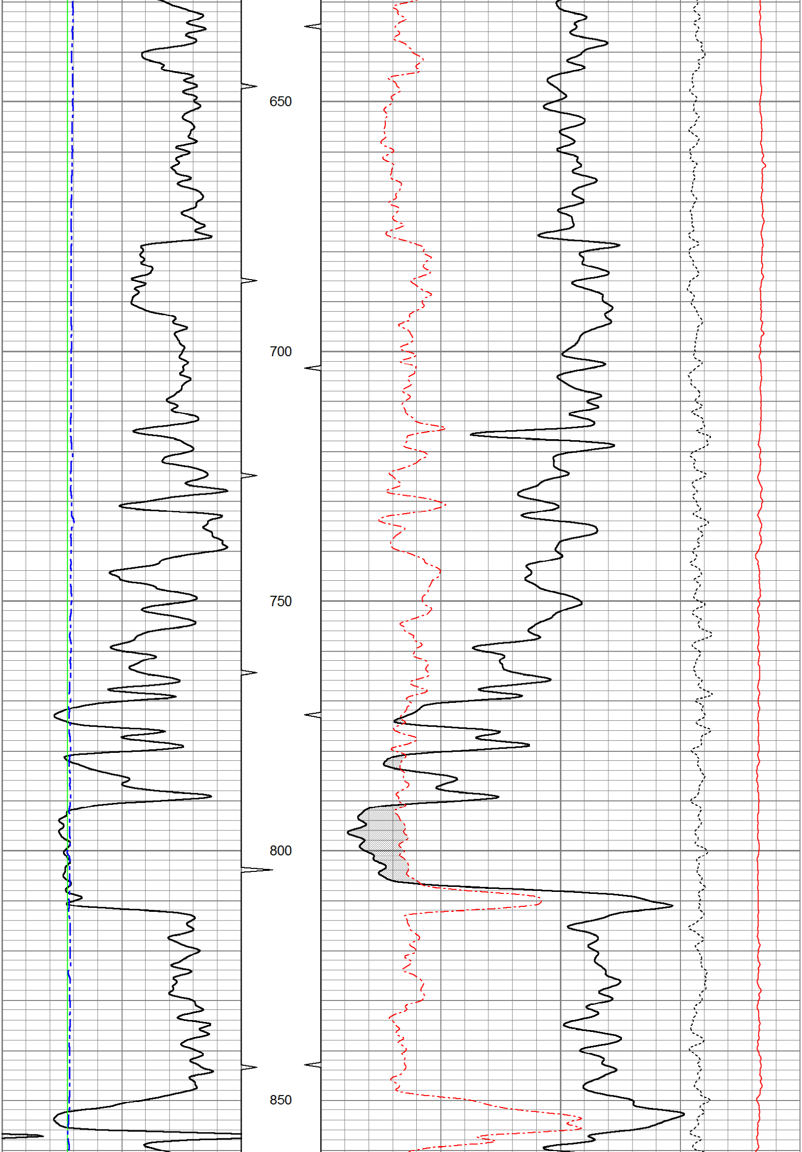
Database File:	ow2-8419 arbuckle enterprises.db
Dataset Pathname:	CDL/pass1.3
Presentation Format:	_neu4nnc
Dataset Creation:	Mon Jul 29 19:38:13 2013 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:240

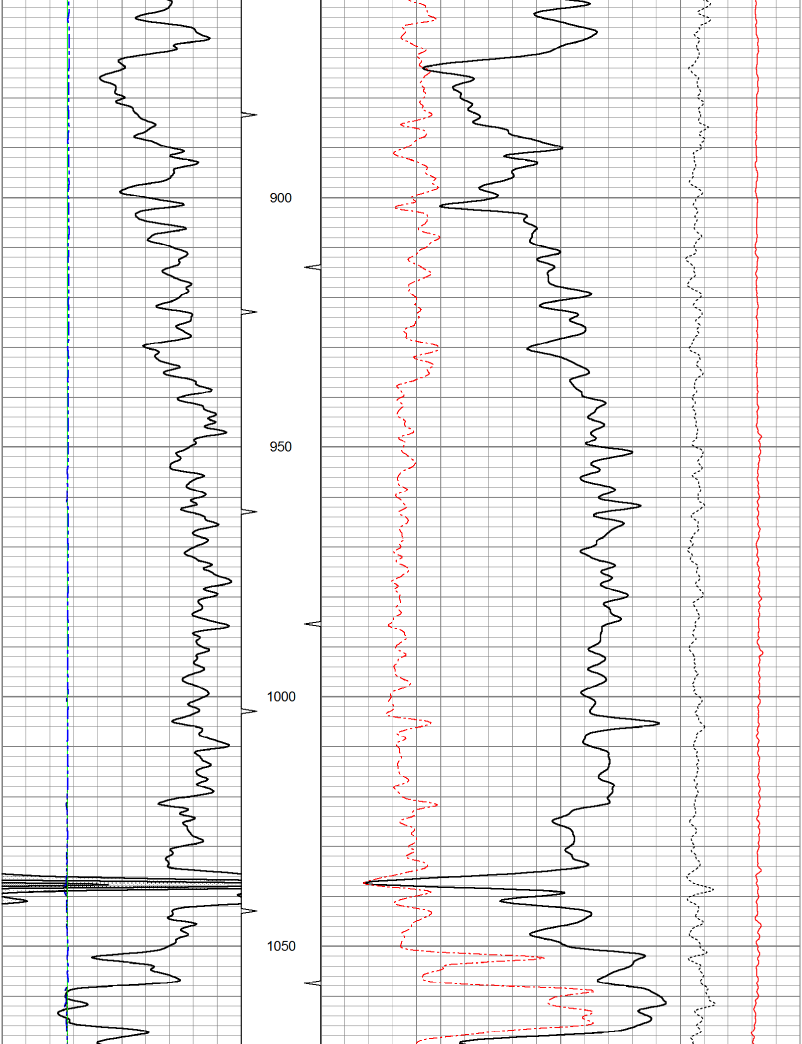
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
				5000	Line Tension (lb)	0

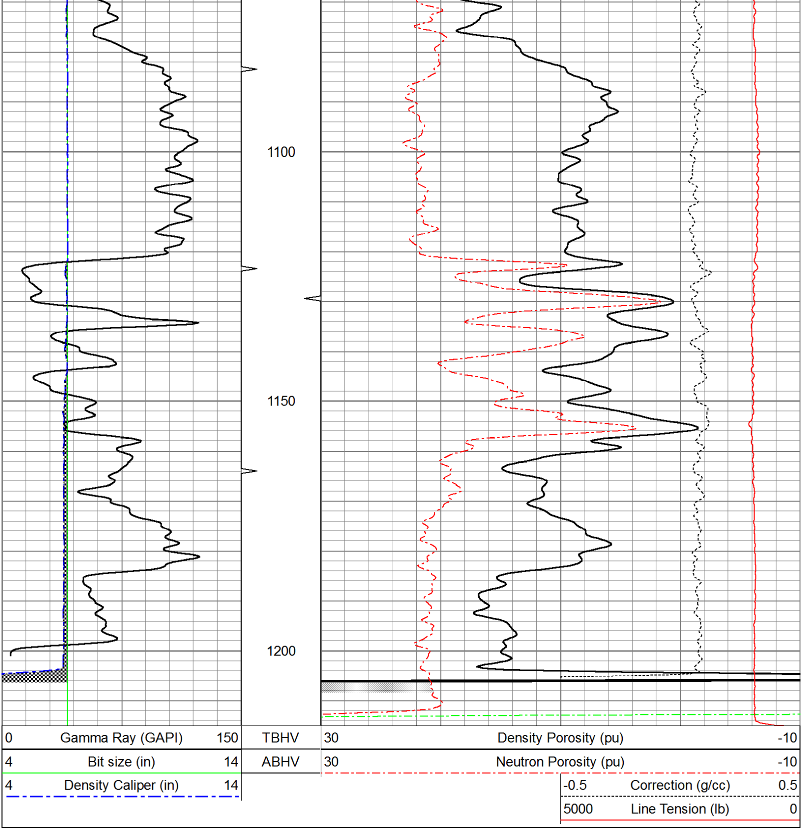








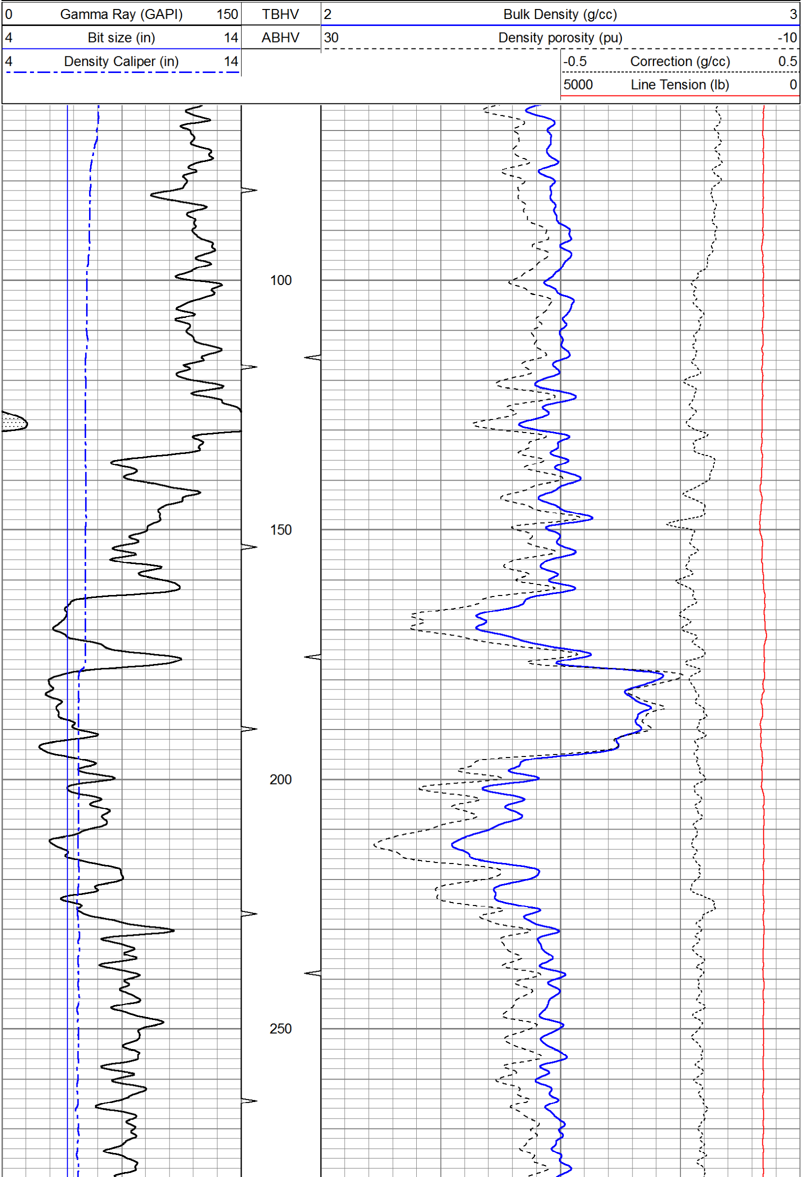


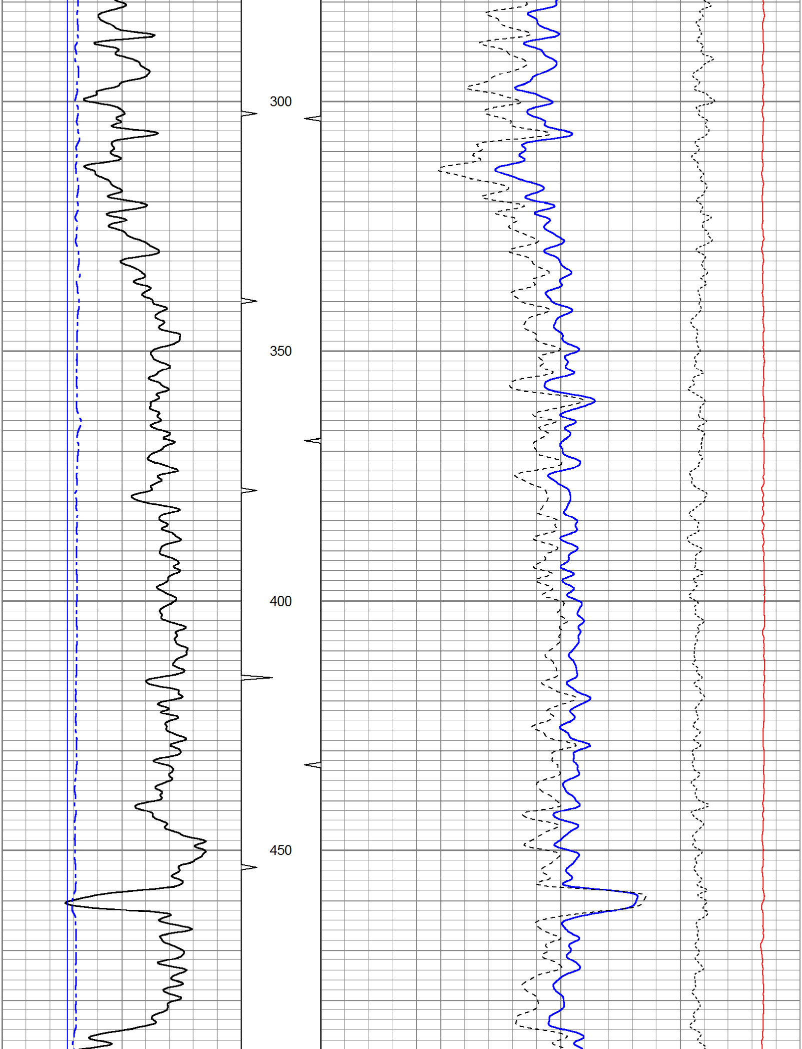


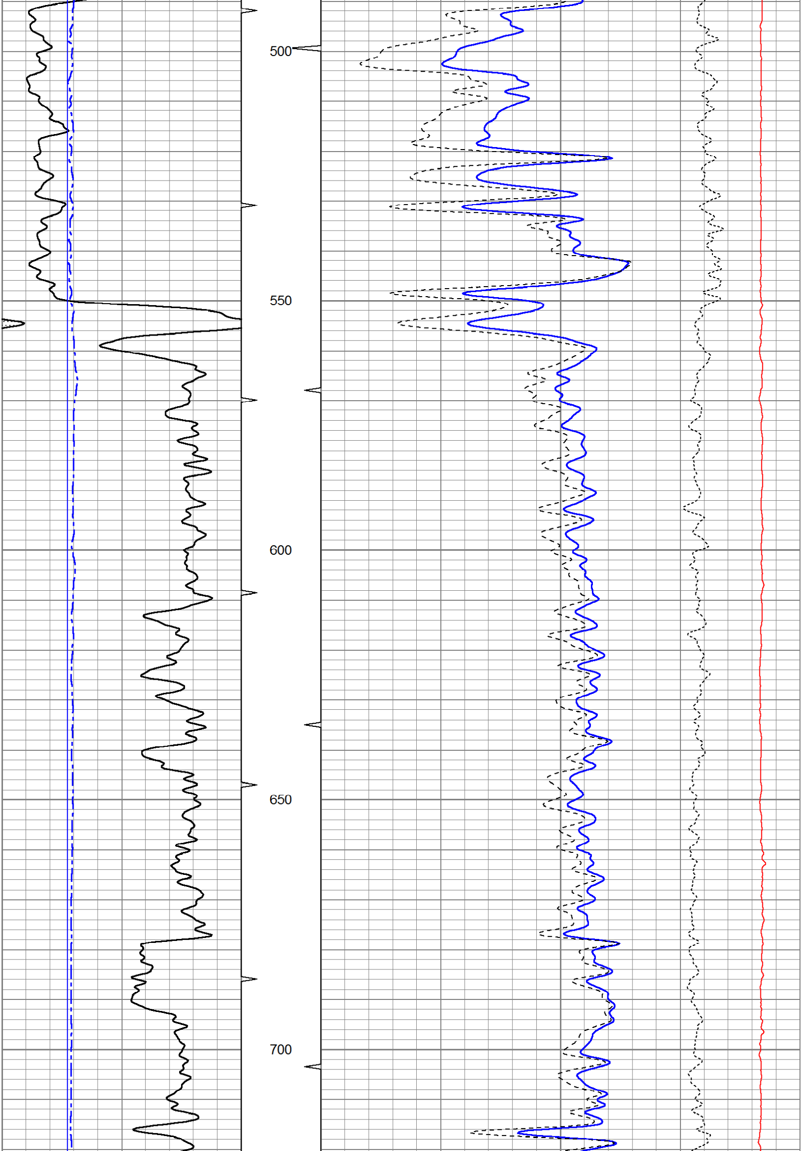
OSAGE WIRELINE

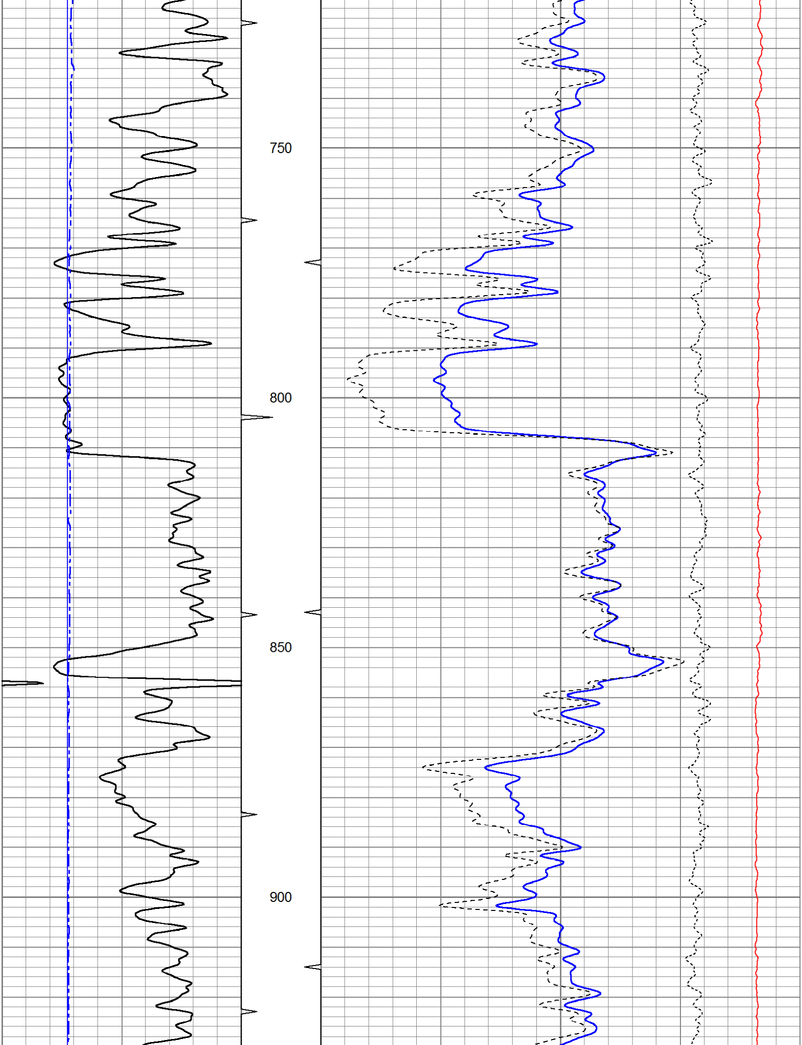
5" CDL SECTION

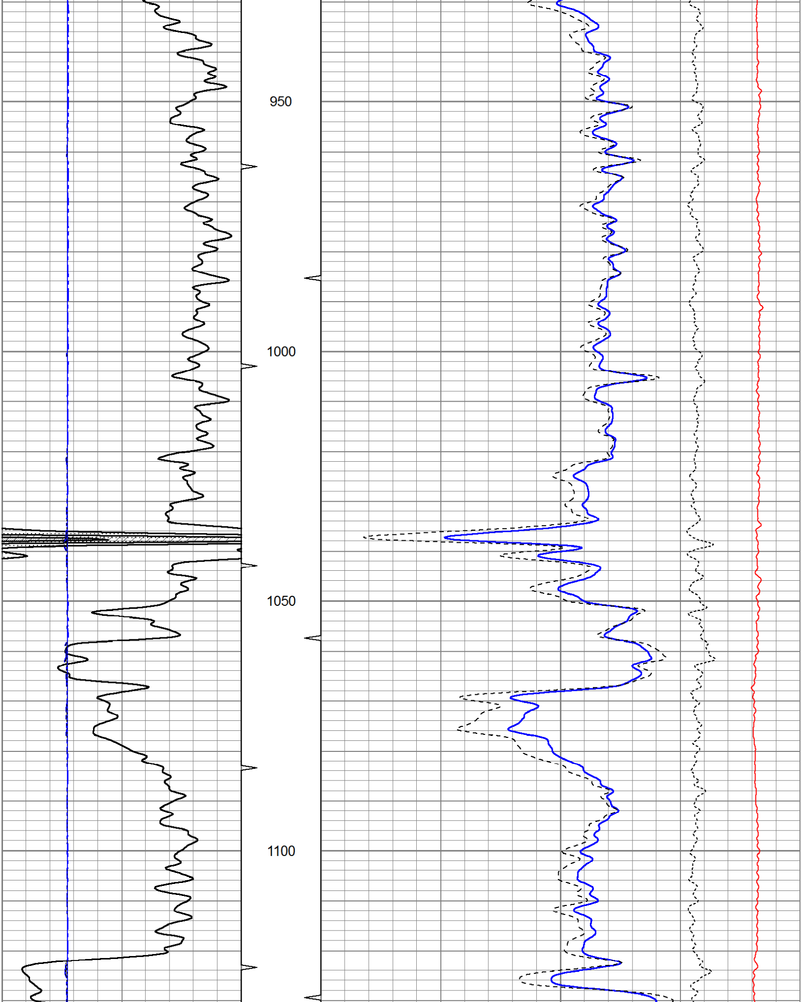
Database File:	ow2-8419 arbuckle enterprises.db
Dataset Pathname:	CDL/pass1.2
Presentation Format:	bulk4nnc
Dataset Creation:	Mon Jul 29 19:38:05 2013 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:240

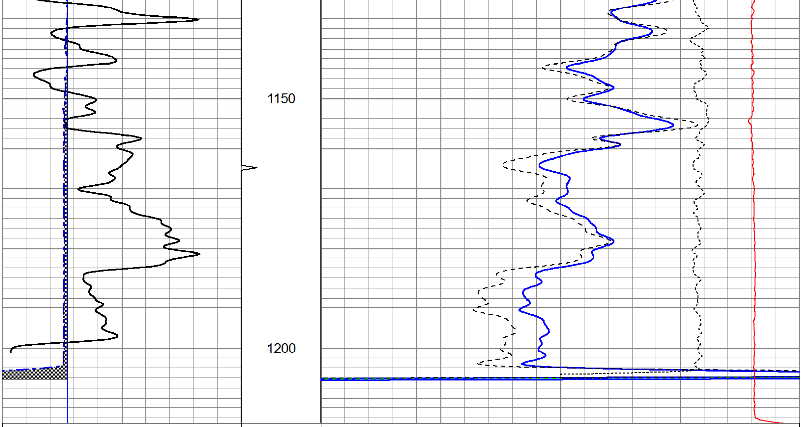




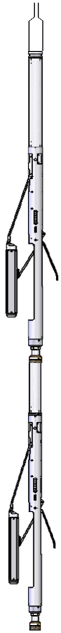








0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3		
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10		
4	Density Caliper (in)	14				-0.5	Correction (g/cc)	0.5
						5000	Line Tension (lb)	0

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: ow2-8419 arbuckle enterprises.db: field/well/CDL/pass1
Total Length: 18.33 ft
Total Weight: 445.00 lb
O.D. 4.00 in