COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company JOHN M. DENMAN OIL CO., INC.
Well DUNHAM - LEMMON # S-2
Field PERU - SEDAN
County CHAUTAUQUA
State KANSAS

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Well	DUNHAM - LEMMON # S-2
Field	PERU - SEDAN
County	CHAUTAUQUA State KANSAS

Location: API # : 15-019-27214-0000

NW NE SE NE
3780' FSL & 478' FEL

SEC 36 TWP 34S RGE 11E

Other Services
DIL

Permanent Datum	GL	Elevation	946' est
Log Measured From	GL		
Drilling Measured From	GL		

Elevation
K.B. ---
D.F. ---
G.L. 946' est

Date	9-06-2012		
Run Number	ONE		
Depth Driller	1215'		
Depth Logger	1213'		
Bottom Logged Interval	1211'		
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	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	HOMINY ,OK		
Recorded By	LOWERY	MARSHALL	
Witnessed By	MR. WISE		

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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

OW2-8210
MATRIX LIMESTONE 2.71 g/cc
ABHV COMPUTED WITH 4 1/2" CASING

CREW : JOHNSON

OSAGE WIRELINE

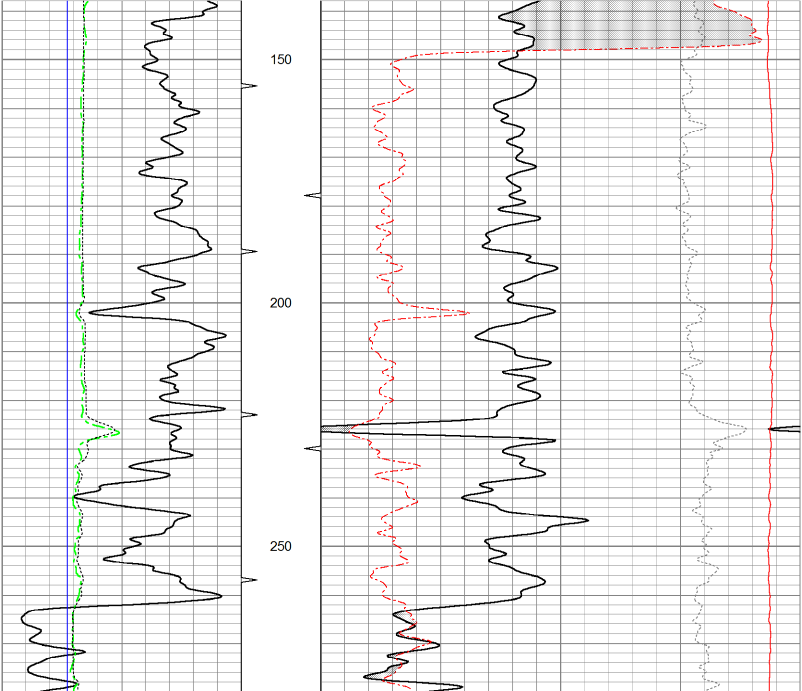
5" CDL/SWN SECTION

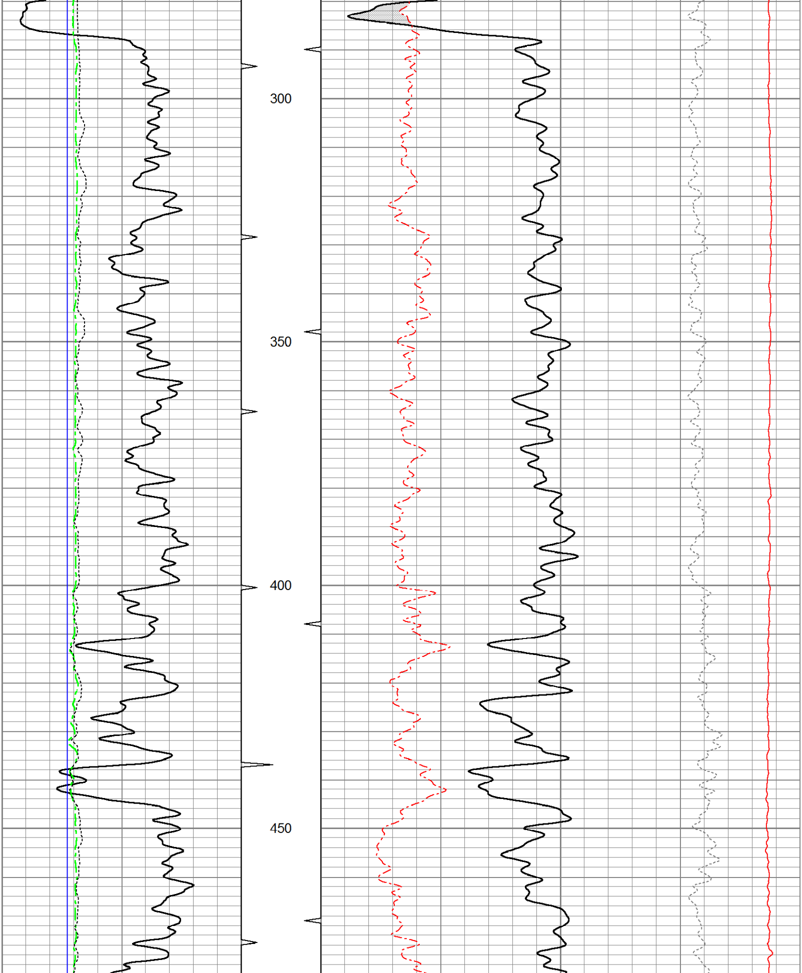
Database File:	ow2-8210 john denman oil.db
Dataset Pathname:	CDL/pass1.2
Presentation Format:	_neu4
Dataset Creation:	Thu Sep 06 13:38:57 2012 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:240

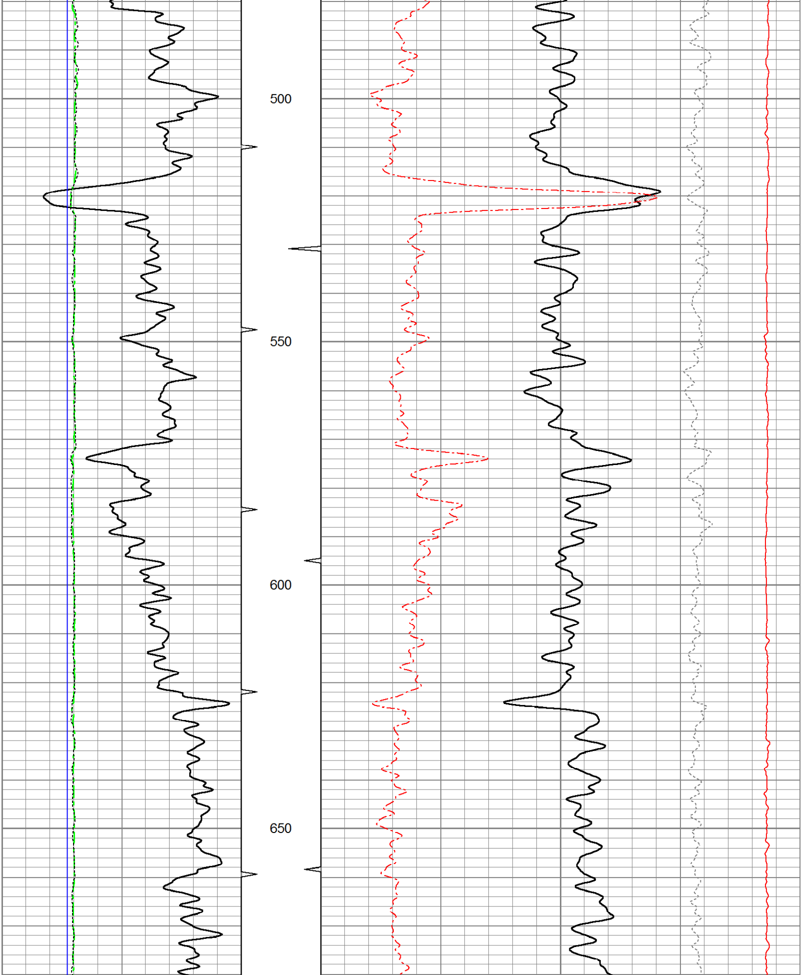
0 Gamma Ray (GAPI) 150
4 Bit size (in) 14
4 Neutron Caliper (in) 14
4 Density Caliper (in) 14

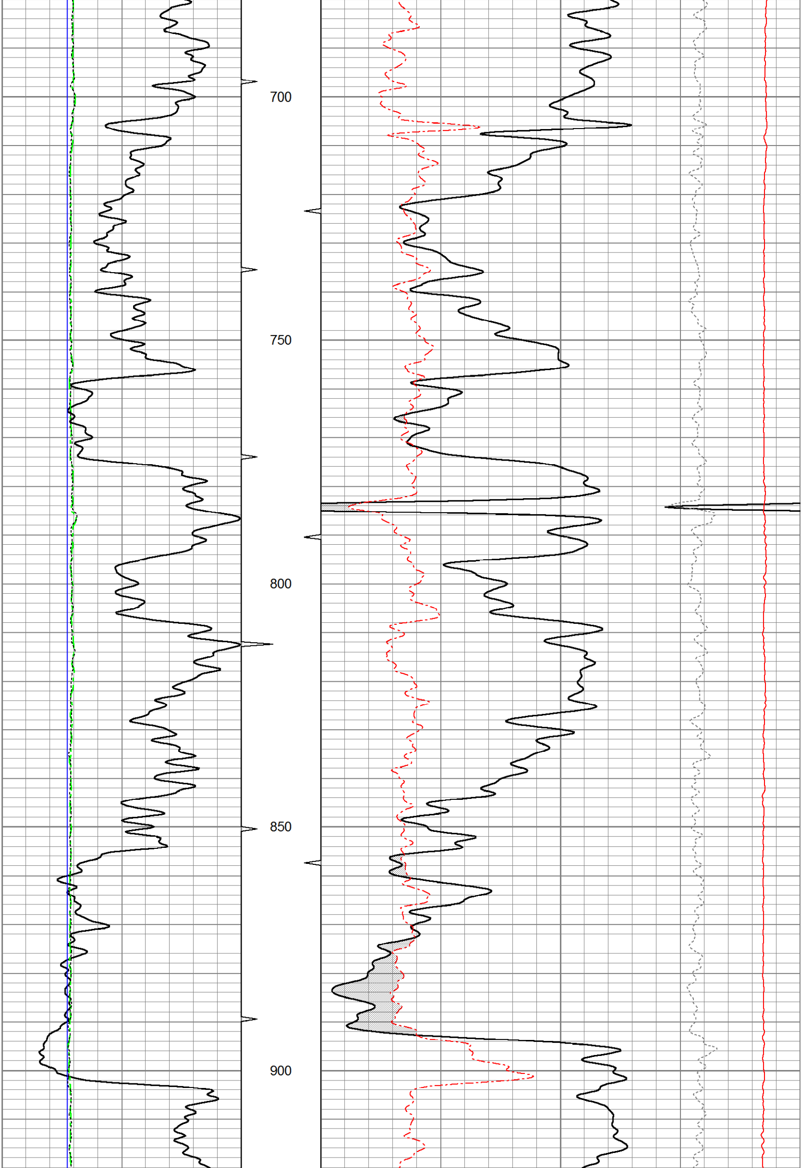
TBHV
ABHV

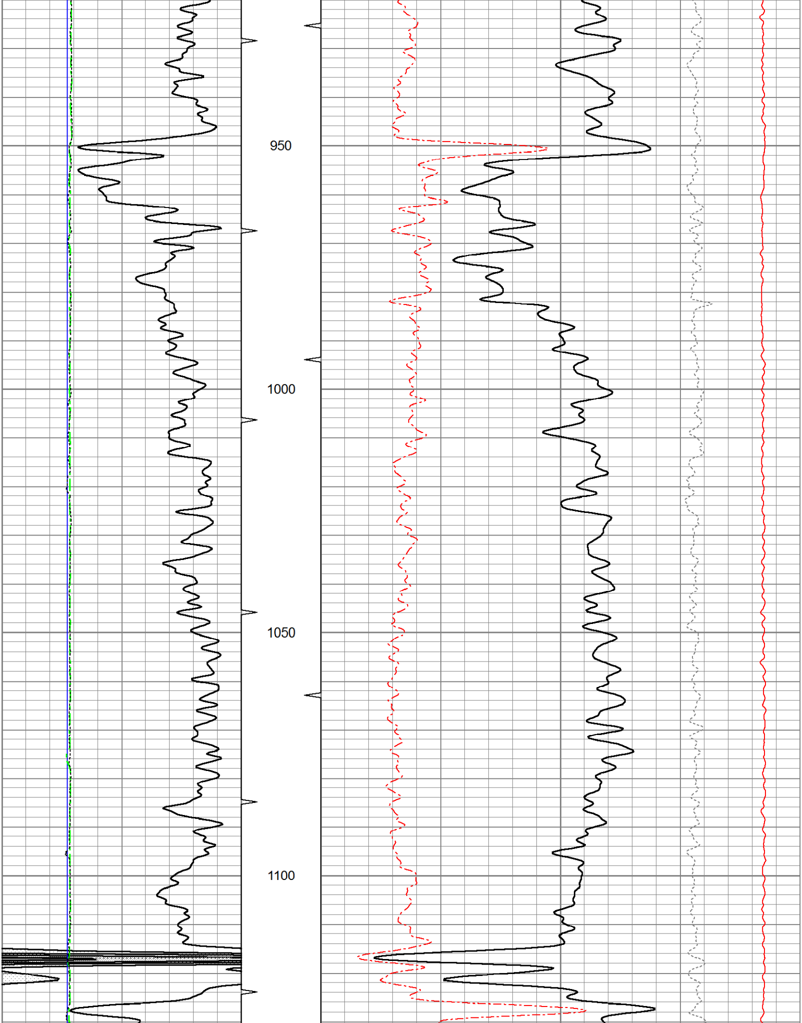
30 Density Porosity (pu) -10
30 Neutron Porosity (pu) -10
-0.5 Correction (g/cc) 0.5
5000 Line Tension (lb) 0

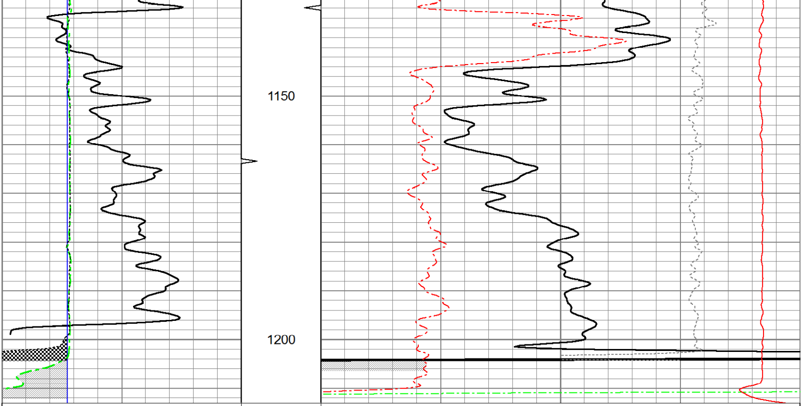










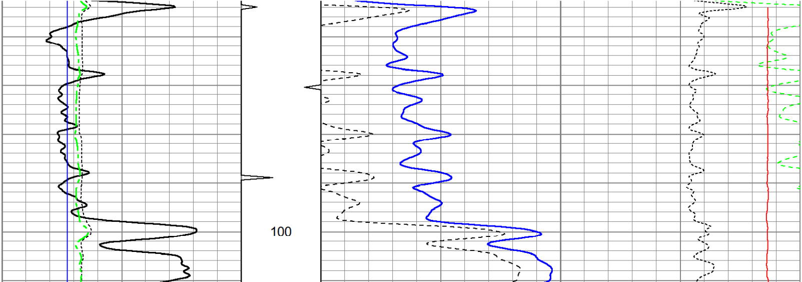


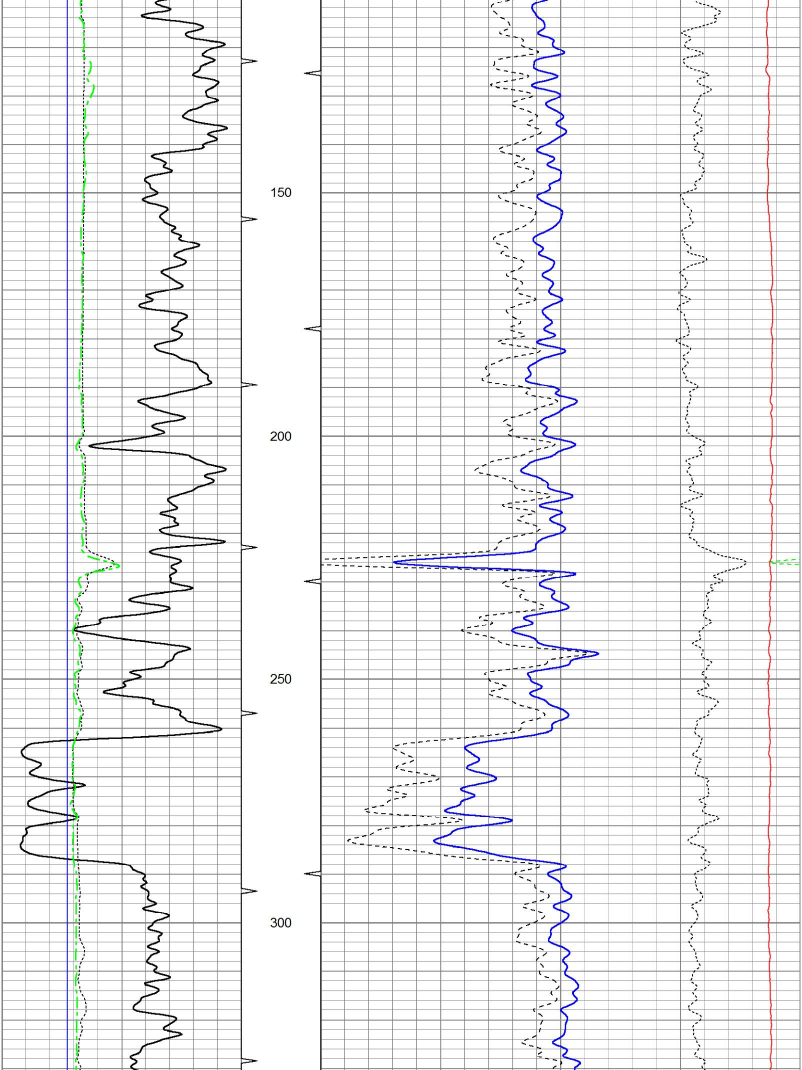
0 Gamma Ray (GAPI) 150	TBHV	30 Density Porosity (pu) -10		
4 Bit size (in) 14	ABHV	30 Neutron Porosity (pu) -10		
4 Neutron Caliper (in) 14			-0.5 Correction (g/cc) 0.5	
4 Density Caliper (in) 14			5000 Line Tension (lb) 0	

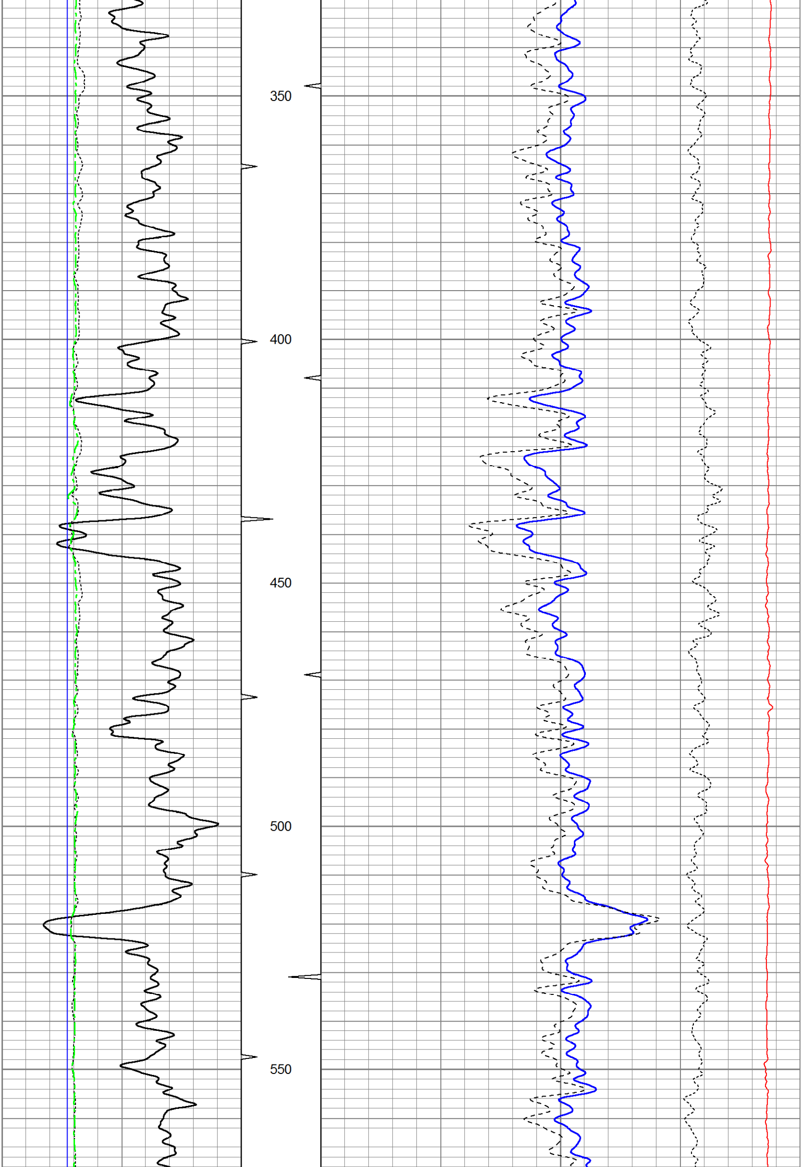
5" CDL SECTION

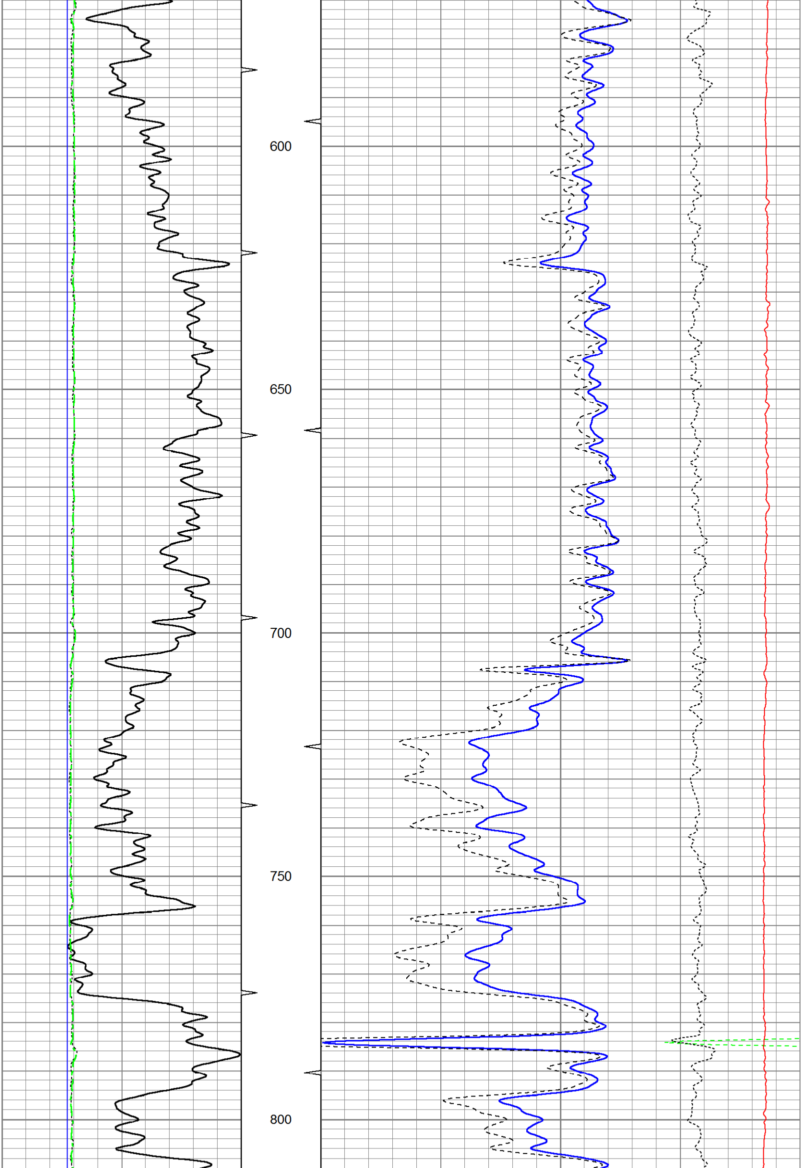
Database File:	ow2-8210 john denman oil.db
Dataset Pathname:	CDL/pass1.1
Presentation Format:	bulk4
Dataset Creation:	Thu Sep 06 13:38:41 2012 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1:240

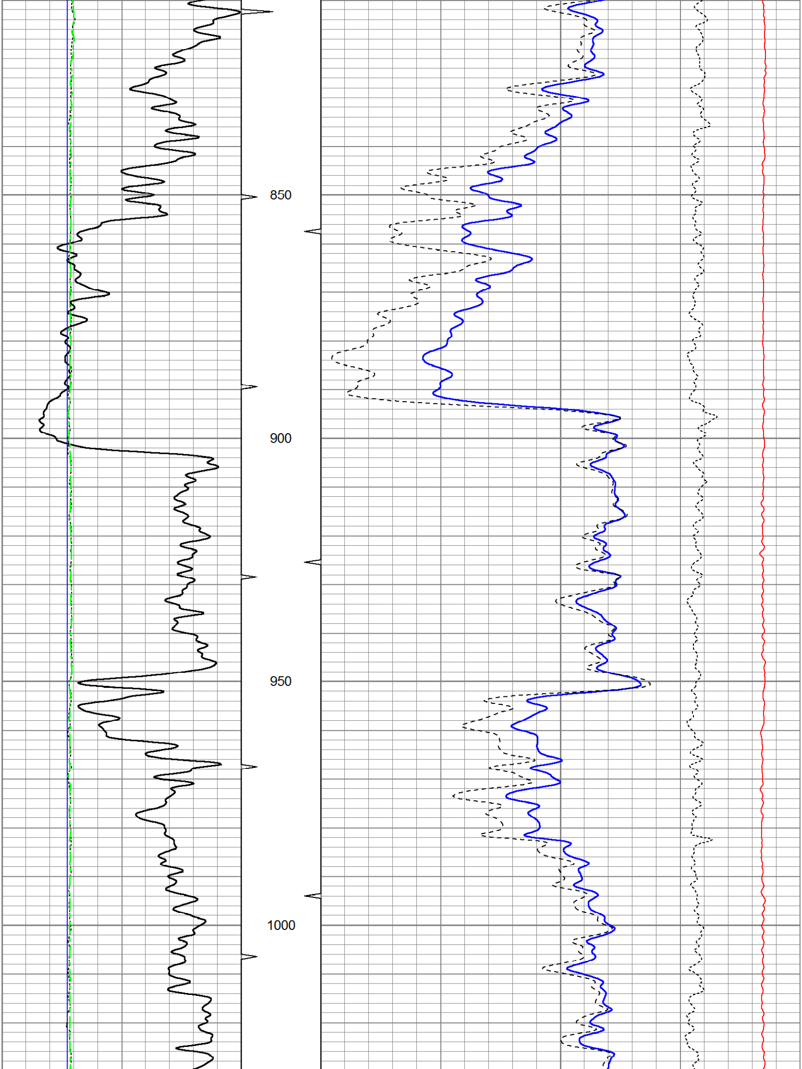
0 Gamma Ray (GAPI) 150	TBHV	2 Bulk Density (g/cc) 3	
4 Bit size (in) 14	ABHV	30 Density porosity (pu) -10	
4 Density Caliper (in) 14			-0.5 Correction (g/cc) 0.5
4 Neutron Caliper (in) 14			5000 Line Tension (lb) 0

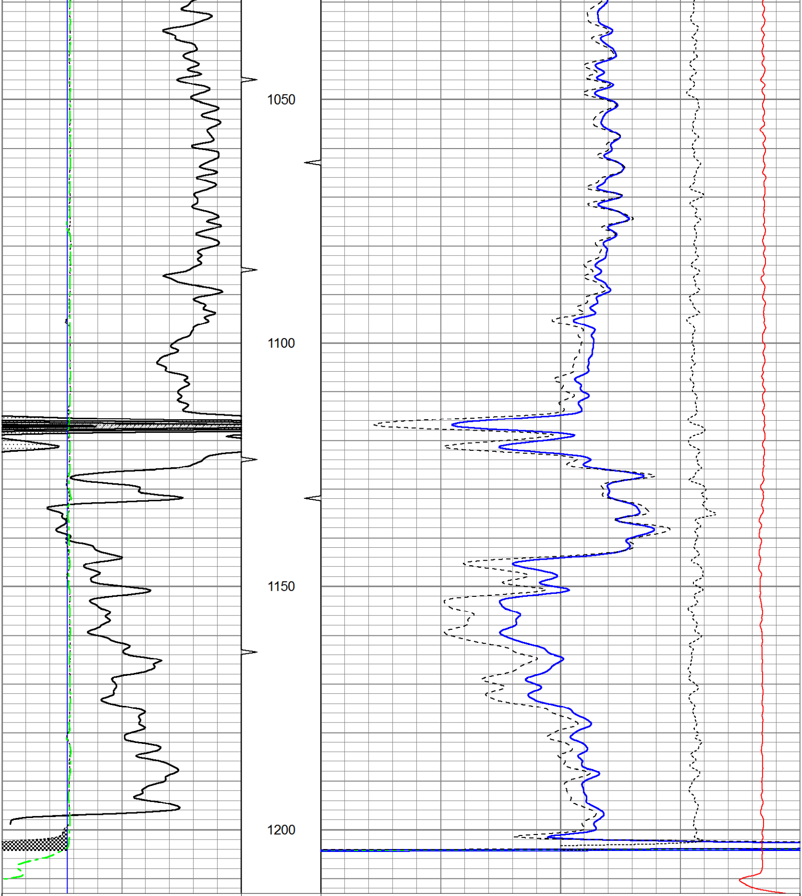




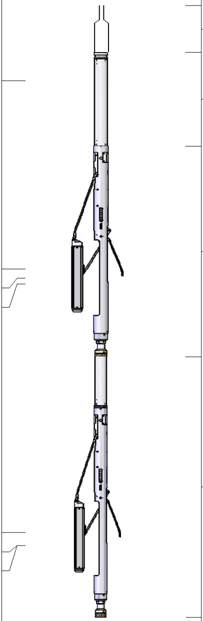








0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14		-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14		5000	Line Tension (lb)	0

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
			Density-Oilex3006 (280) Density Section	6.29	4.00	200.00
LSD	10.44					
DCAL	10.15					
SSD	9.98					
			Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SCAL	2.54					
NEU	2.15					
SWN	2.15					

Dataset:	ow2-8210 john denman oil.db: field/well/CDL/pass1
Total Length:	18.33 ft
Total Weight:	445.00 lb
O.D.	4.00 in