PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
GAMMA RAY

Company	Great Western Oil & Gas LLC		
Well	Cache 13-8		
Field	Wattenberg		
County	Weld	State/Province	Colorado

Company
Well
Field
County
State/Prv

Location
2059' FSL & 676' FWL
NW SW
Sec 8, Twp - 6N, Rge - 63W

Other Services
Induction

Elevation
K.B. 4696
D.F. 4695
G.L. 4680

Permanent Datum	GL	Elevation	4680
Log Measured From	KB		
Drilling Measured From	KB		

Date	October 10, 2007		
Run Number	1		
Depth Driller	6970		
Depth Logger	6965		
Bottom Logged Interval	6945		
Top Log Interval	3400		
Casing Driller	503		
Casing Logger	Not Logged		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.6 / 60		
pH / Fluid Loss	7.0 / 9.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.21 @ 82° F		
Rmf @ Meas. Temp	2.57 @ 82° F		
Rmc @ Meas. Temp	3.88 @ 82° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.21 @ 200° F		
Time Circulation Stopped	1400		
Time Logger on Bottom	2100		
Maximum Recorded Temperature	201° F		
Equipment Number	4800		
Location	Brighton, CO		
Recorded By	Ian Harris		
Witnessed By	Jay Pape	Mark Scanniello	

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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

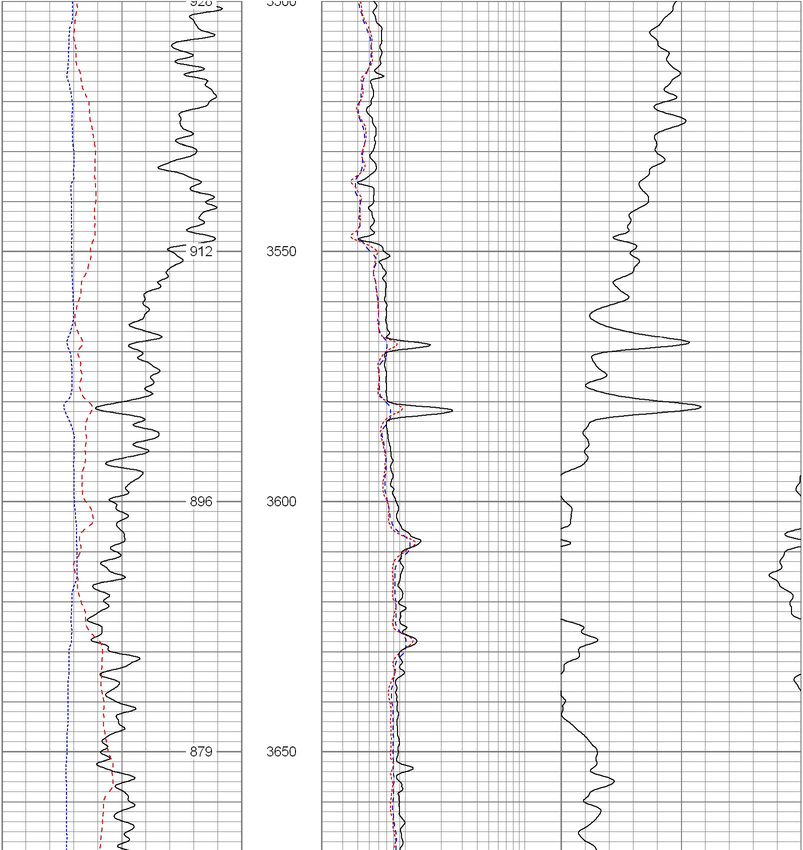
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 55
Thank you for using Phoenix Surveys.
API #: 05-123-24410-00

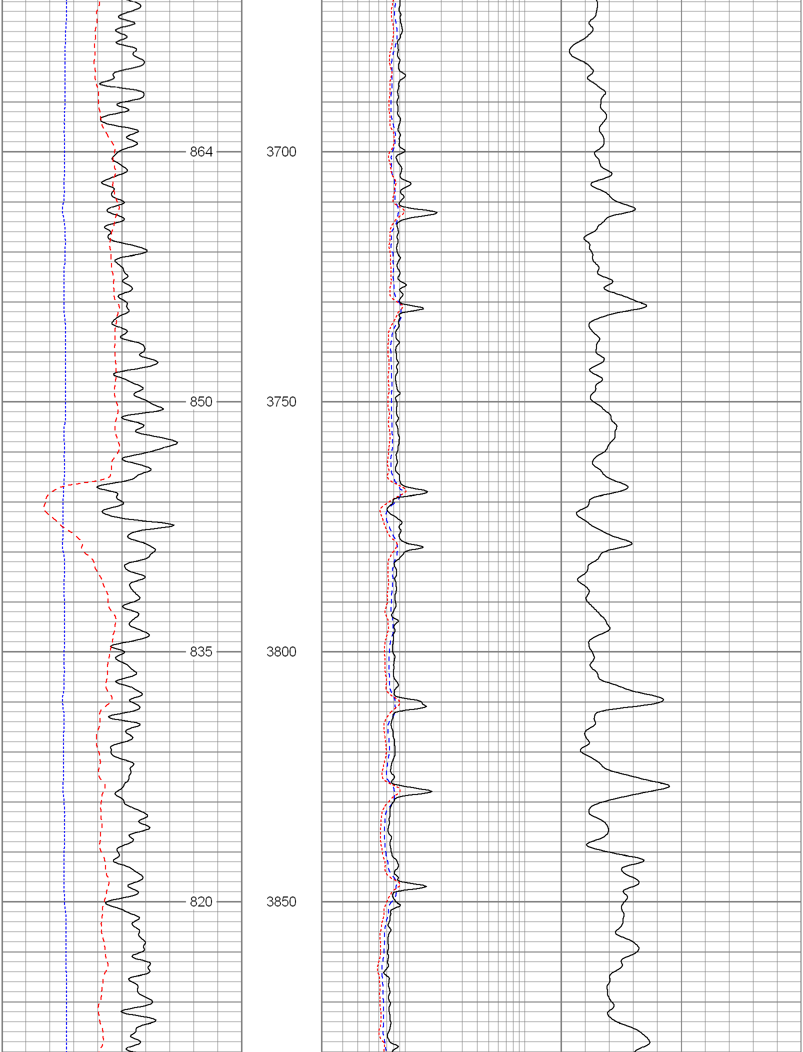
Database File:	7881.db
Dataset Pathname:	pass3
Presentation Format:	pdc1
Dataset Creation:	Wed Oct 10 20:59:42 2007 by Log Open-Cased 051020
Charted by:	Depth in Feet scaled 1:240

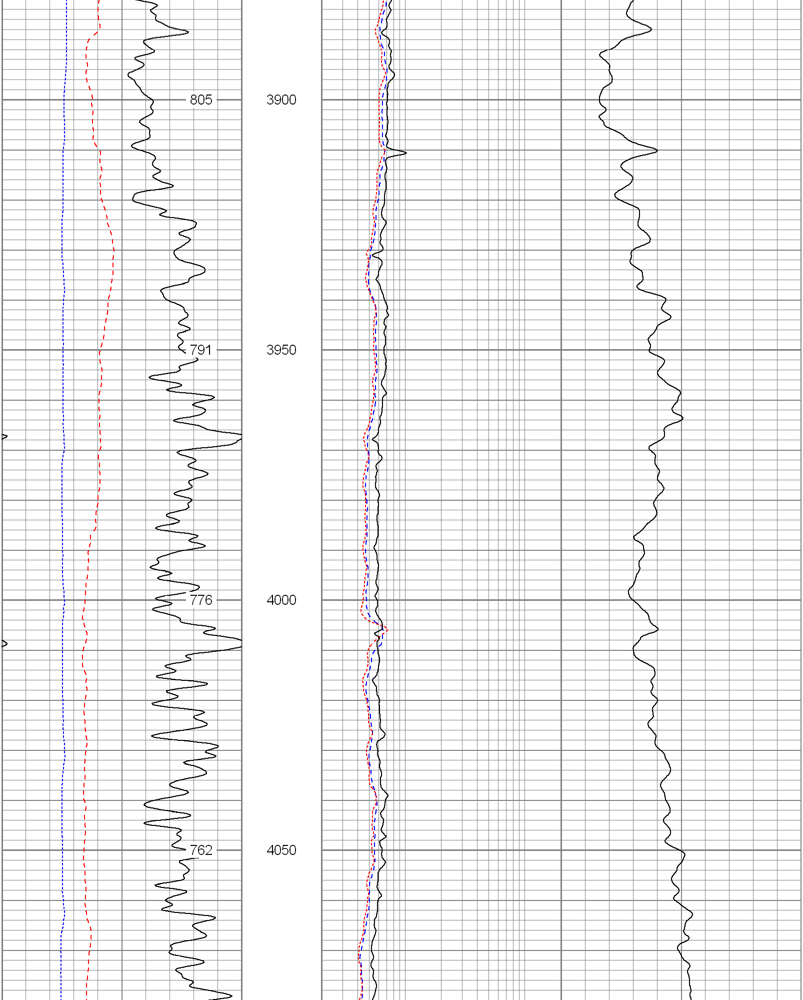
6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
100 SP (mV) 200

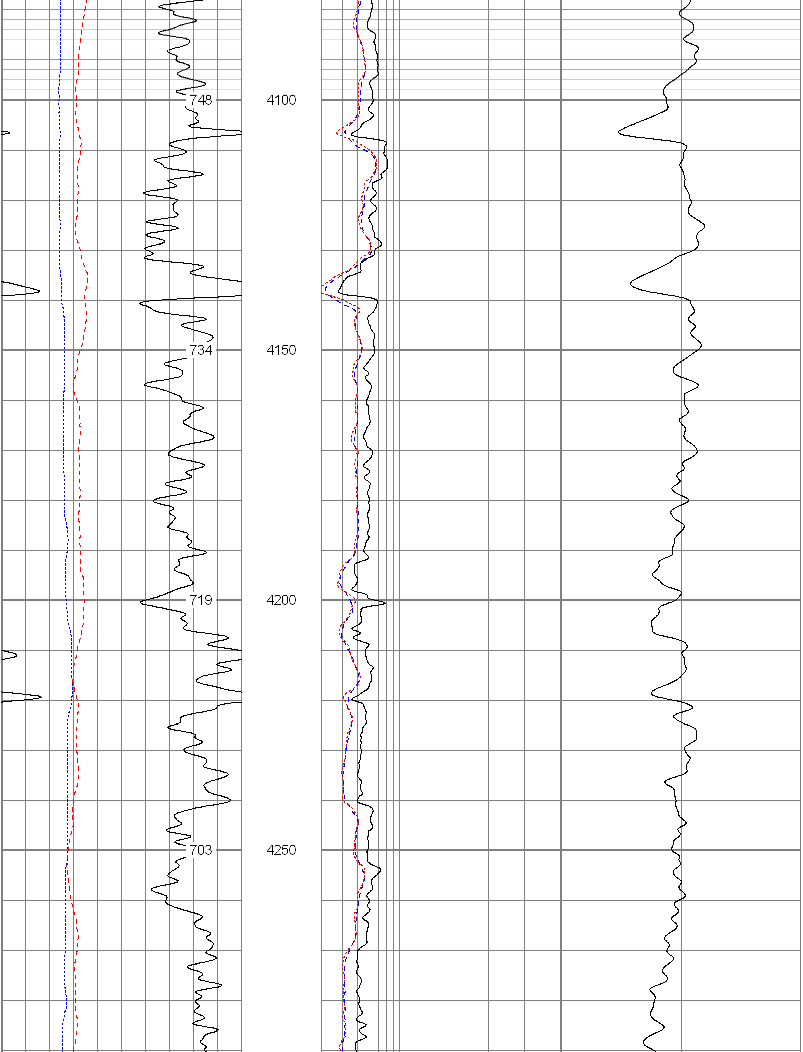
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

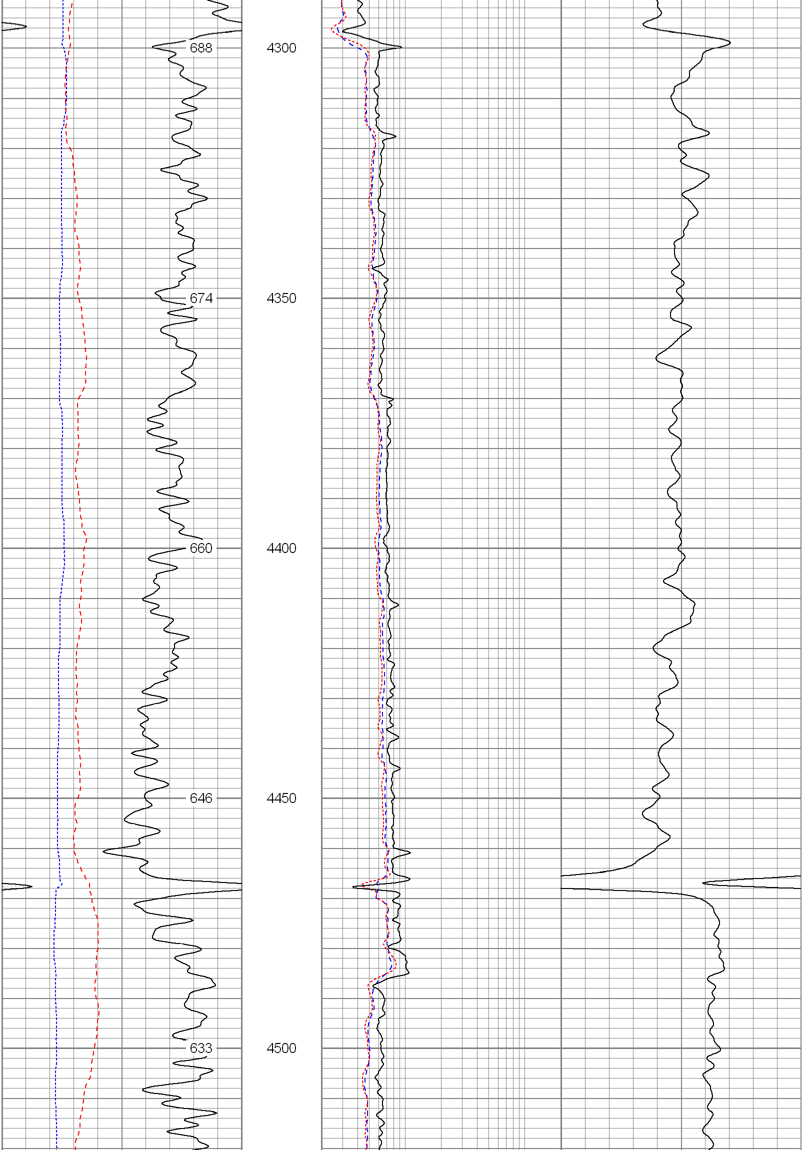
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0

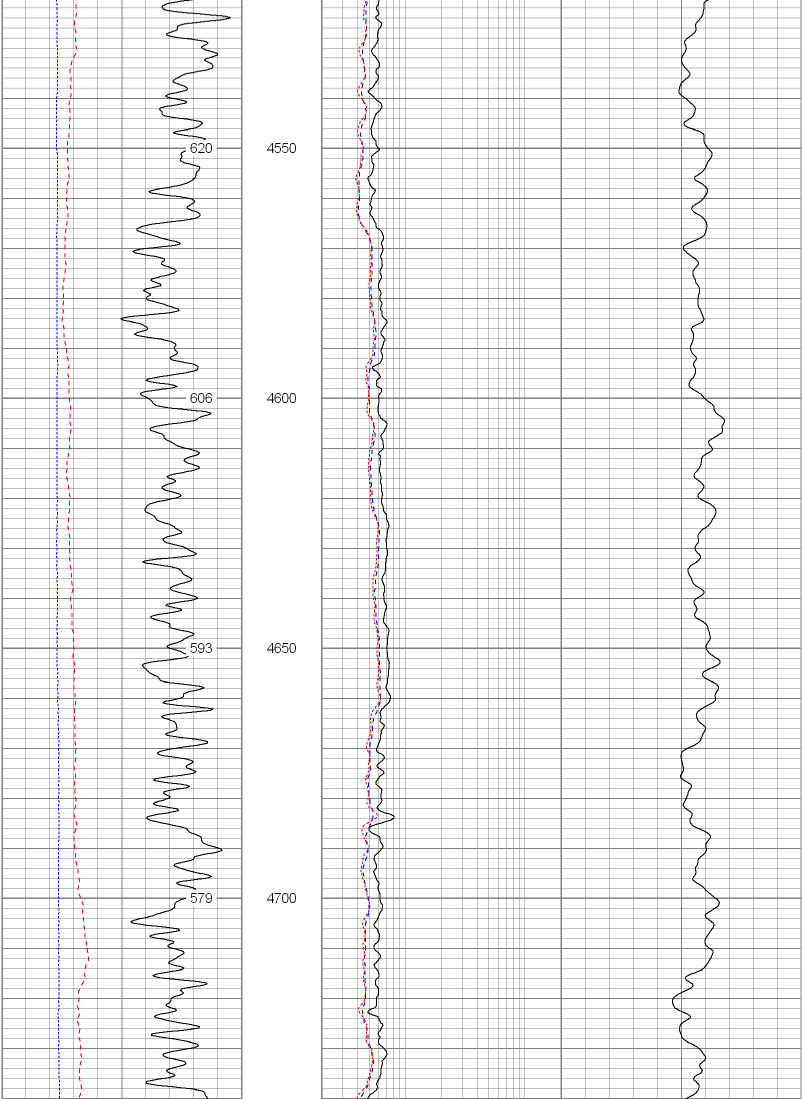


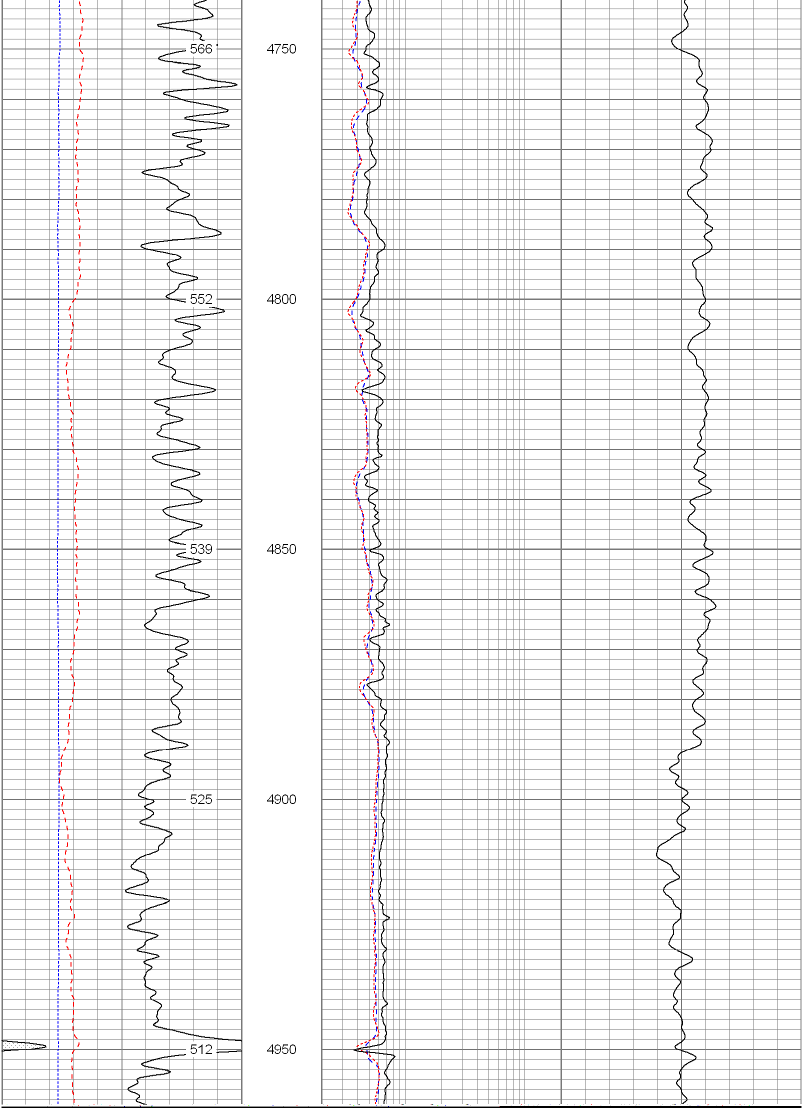


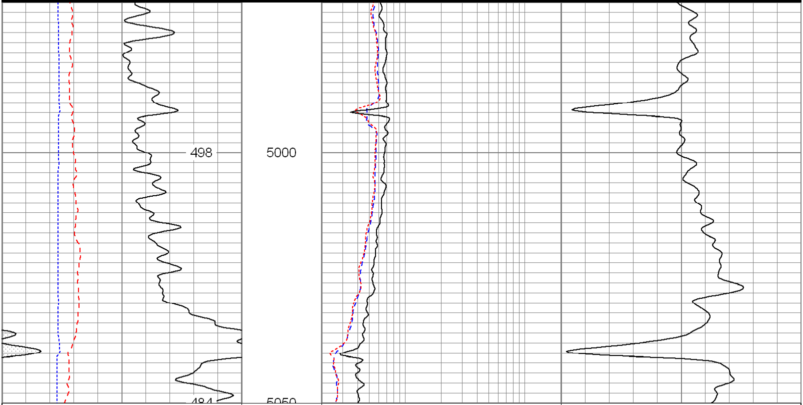












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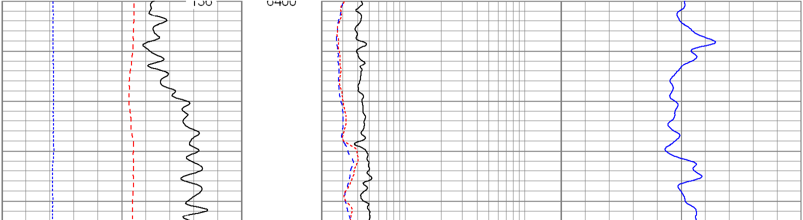

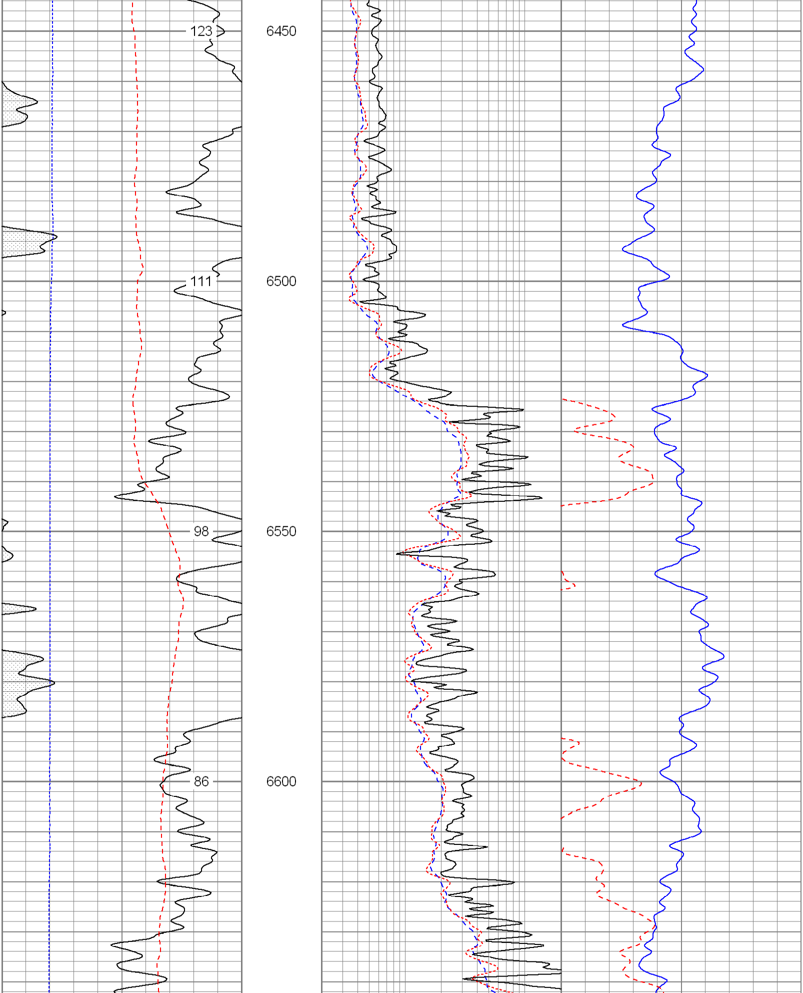

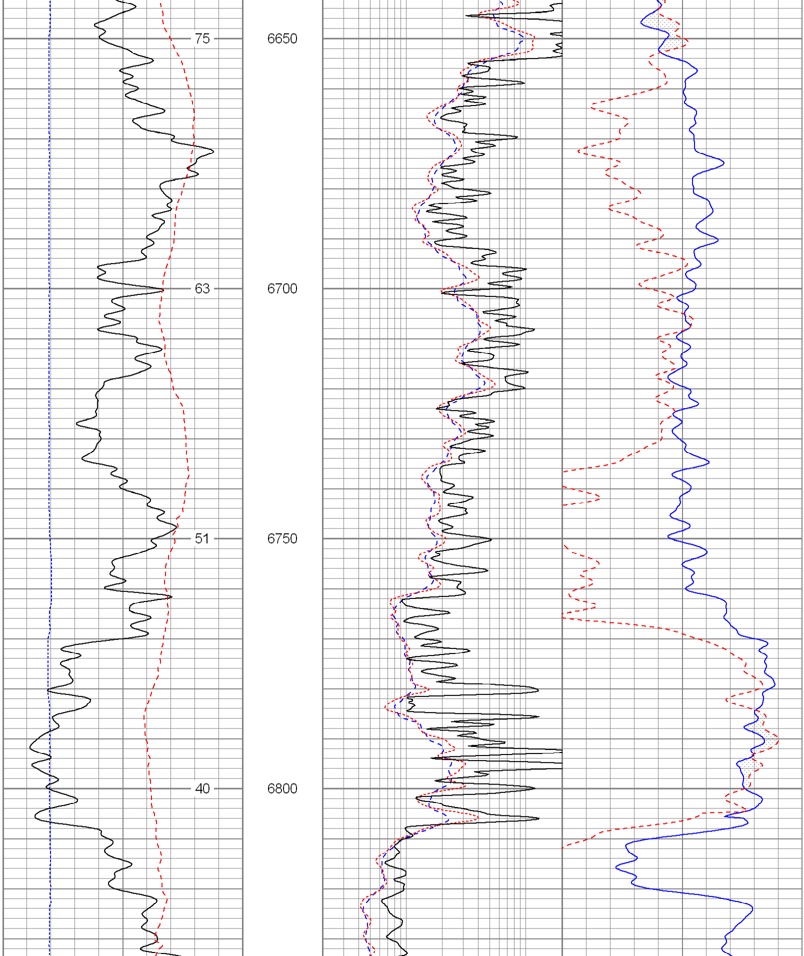

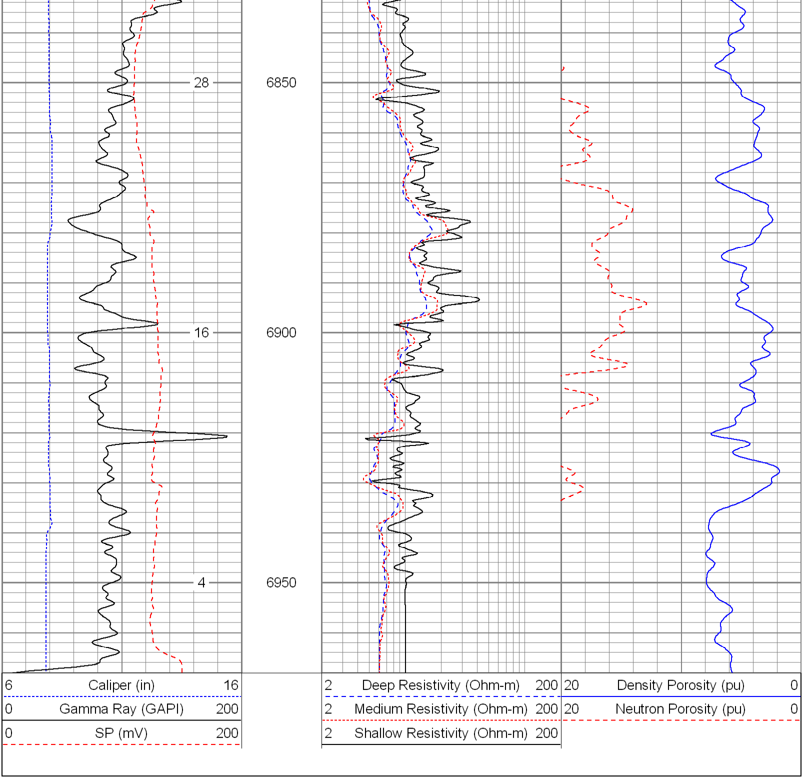
28
6850
16
6900
4
6950
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