PSI
PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
GAMMA RAY

Company
Well
Field
County
State/Prv

Company	Great Western Oil & Gas LLC		
Well	Cache 17-52		
Field	Wattenberg		
County	Weld	State/Province	Colorado

Location
1002' FNL & 1465' FWL
NE NW
Sec 17, Twp - 6N, Rge - 63W

Other Services
Density
Neutron

Permanent Datum	GL	Elevation	4683
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4699
D.F. 4698
G.L. 4683

Date	Feburary 24, 2008		
Run Number	1		
Depth Driller	6950		
Depth Logger	6953		
Bottom Logged Interval	6933		
Top Log Interval	2790		
Casing Driller	504		
Casing Logger	Not Logged		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.7 / 61		
pH / Fluid Loss	8.0 / 10.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.17 @ 78° F		
Rmf @ Meas. Temp	2.37 @ 78° F		
Rmc @ Meas. Temp	3.96 @ 78° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.22 @ 202° F		
Time Circulation Stopped	0700		
Time Logger on Bottom	1230		
Maximum Recorded Temperature	202° F		
Equipment Number	4800		
Location	Brighton, CO		
Recorded By	Maciej Staron		
Witnessed By	Jay Pape	Mark Scanniello	

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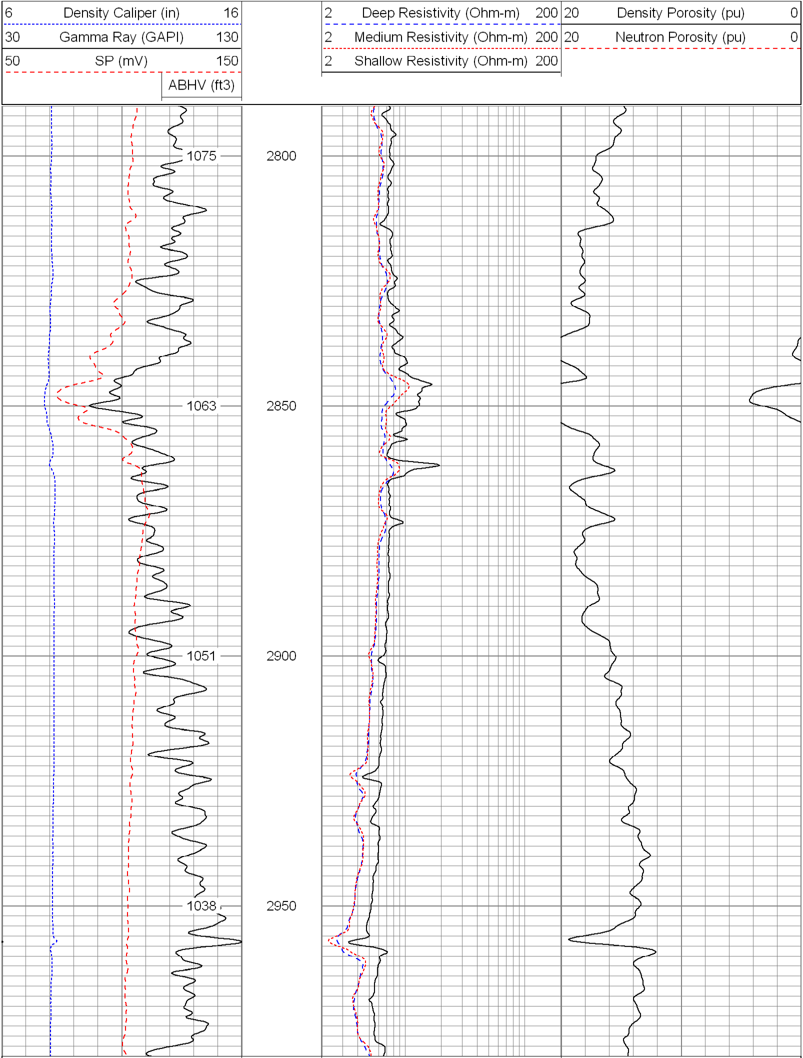
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 7
Thank you for using Phoenix Surveys.
API #: 05-123-25485-00

Database File:	8398.db
Dataset Pathname:	pass3
Presentation Format:	pdc1
Dataset Creation:	Sun Feb 24 12:44:32 2008 by Log Open-Cased 070814
Charted by:	Depth in Feet scaled 1:240



6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
50	SP (mV)	150	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)							

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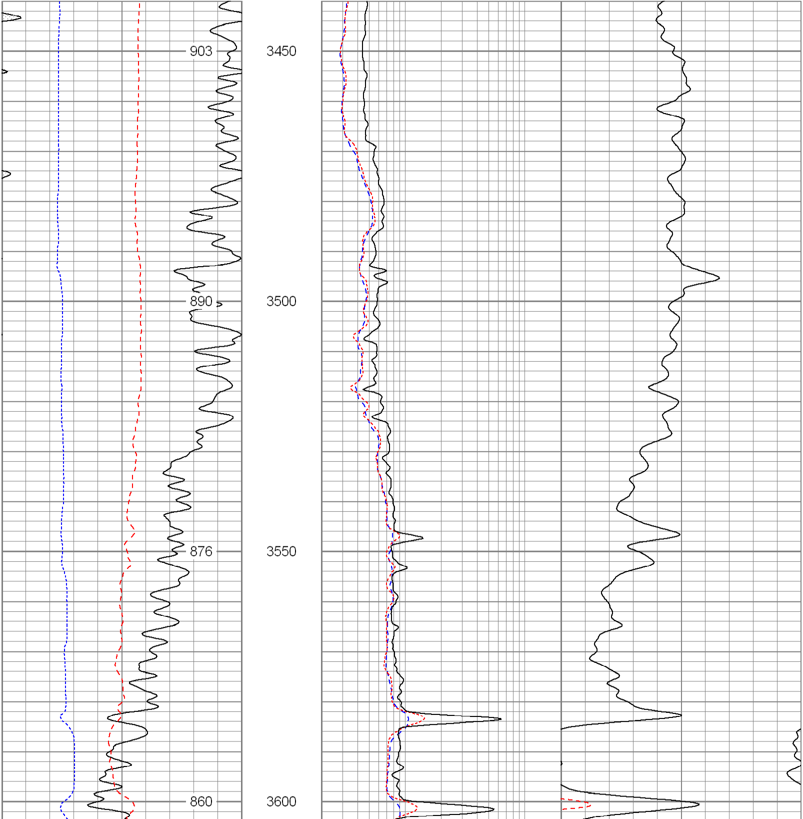

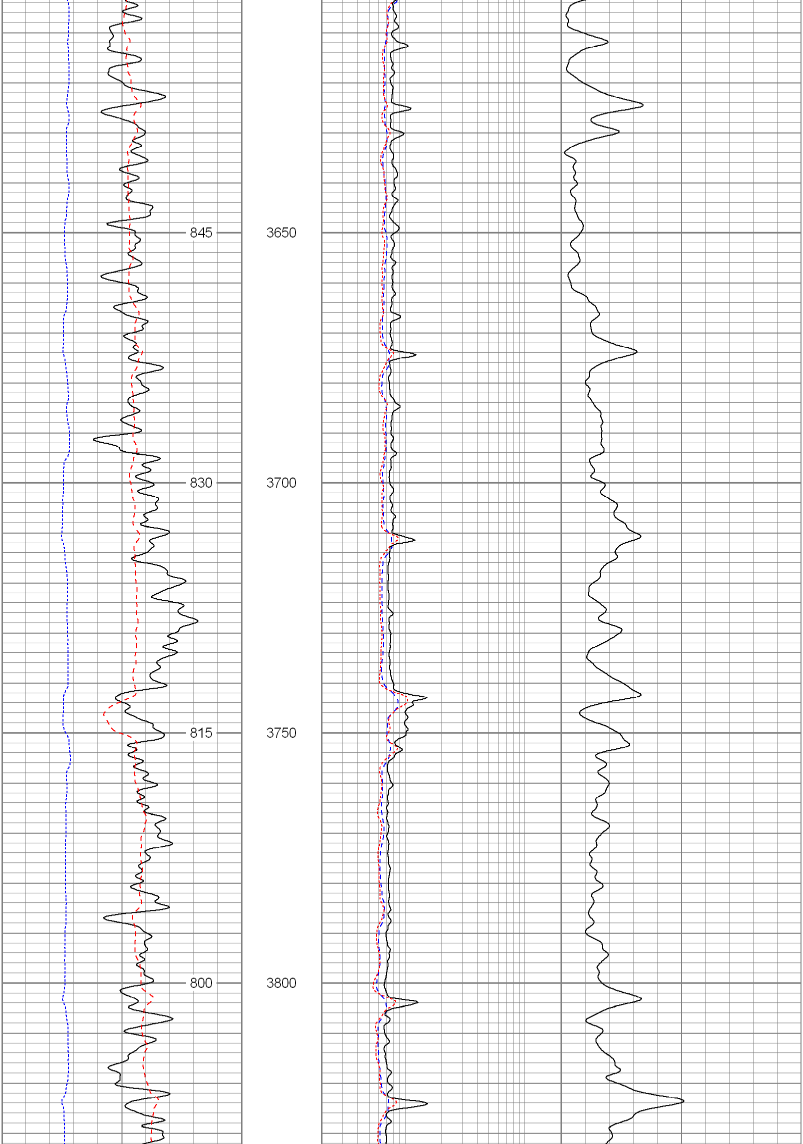

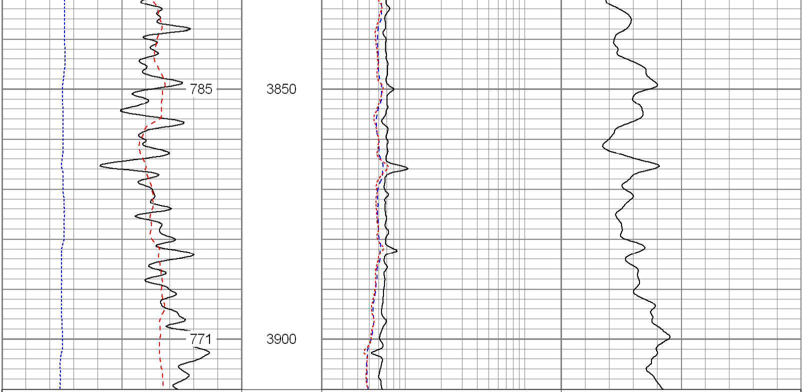

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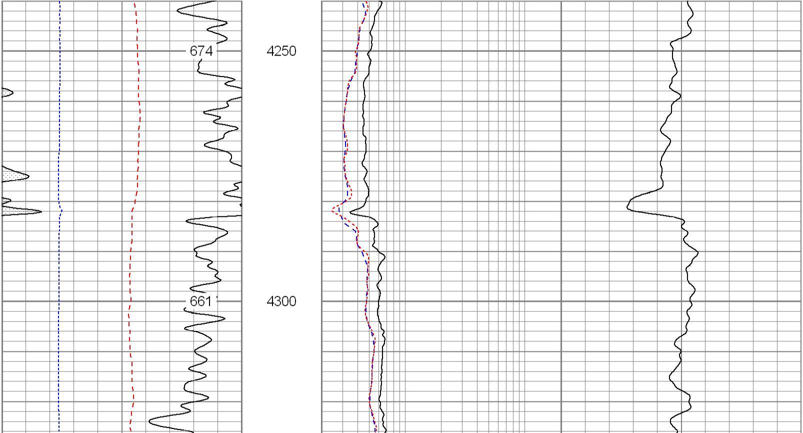

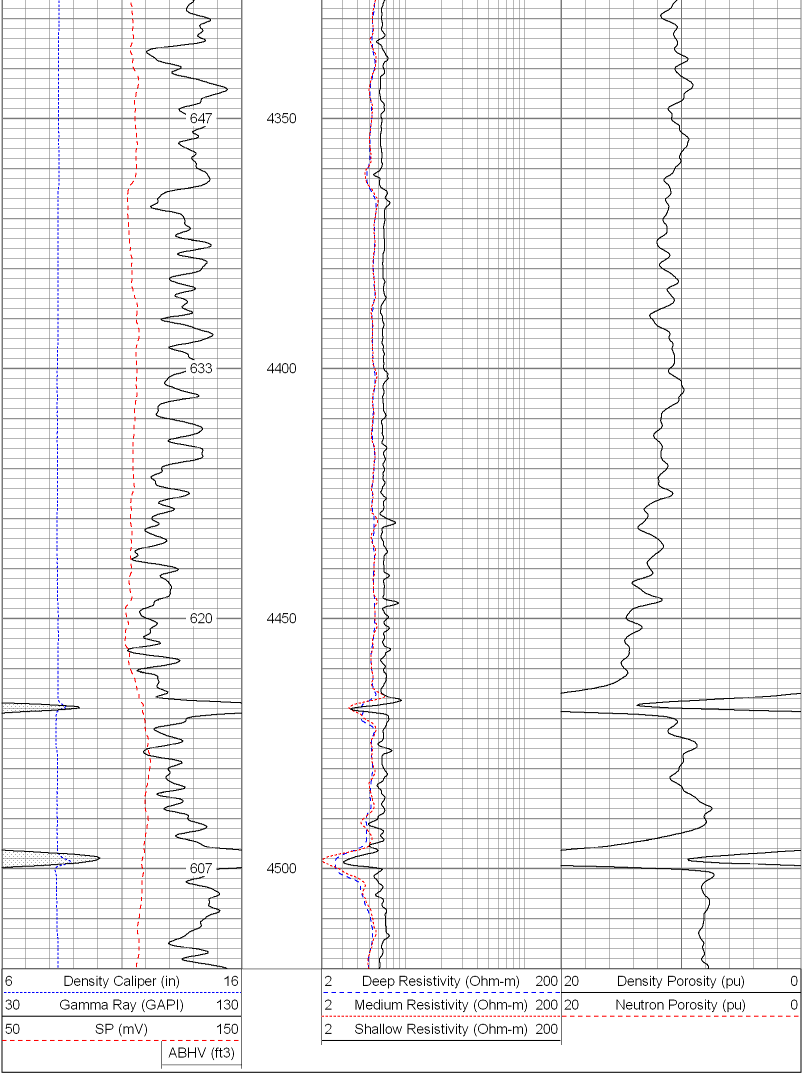

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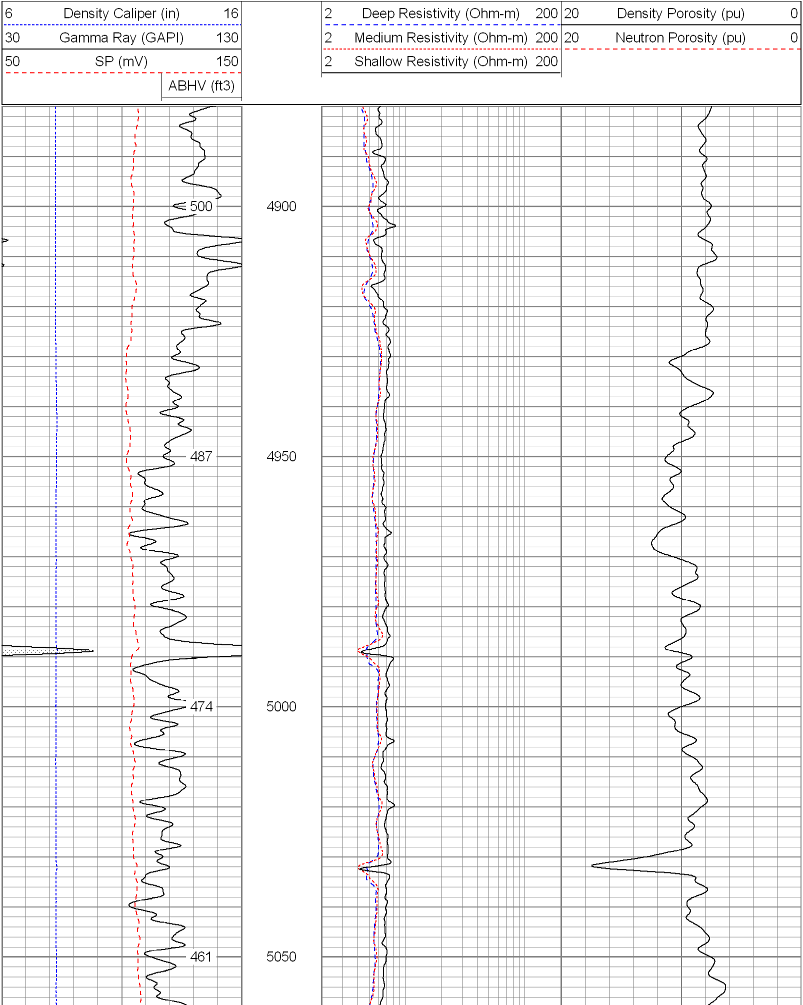

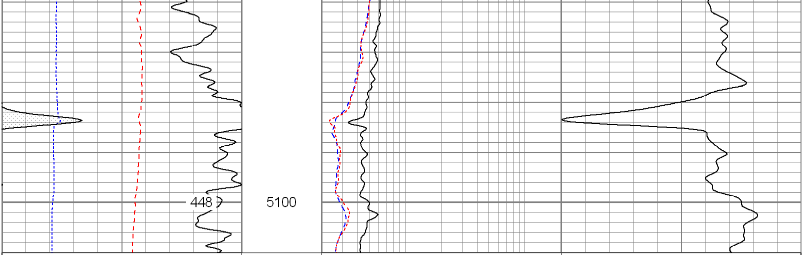

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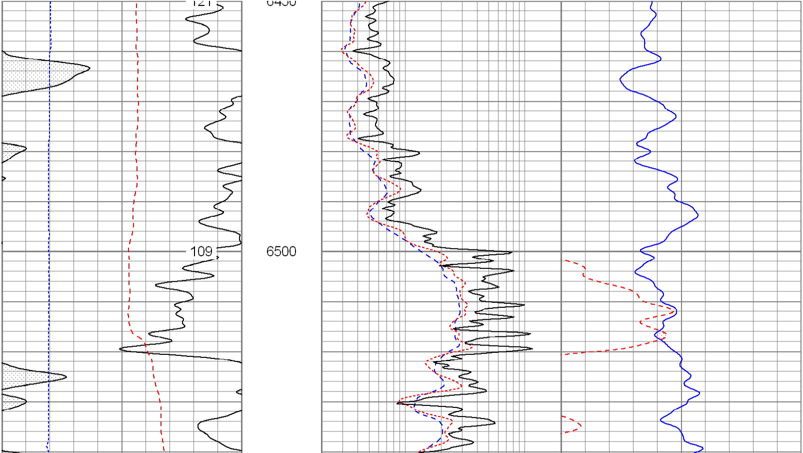

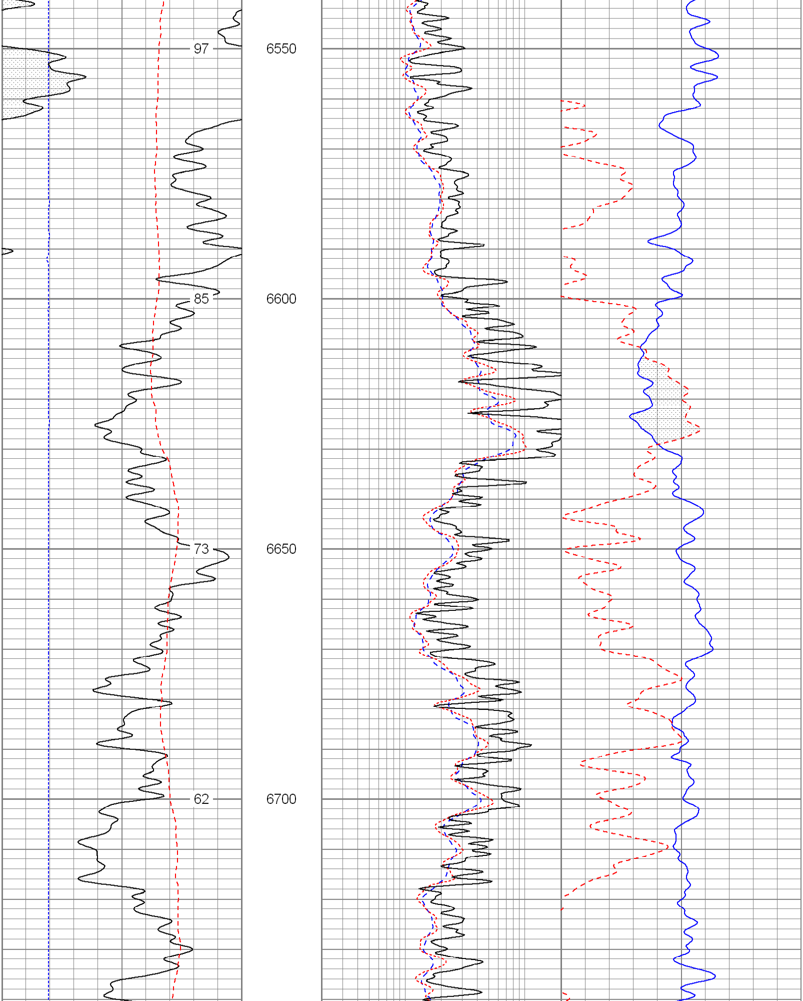

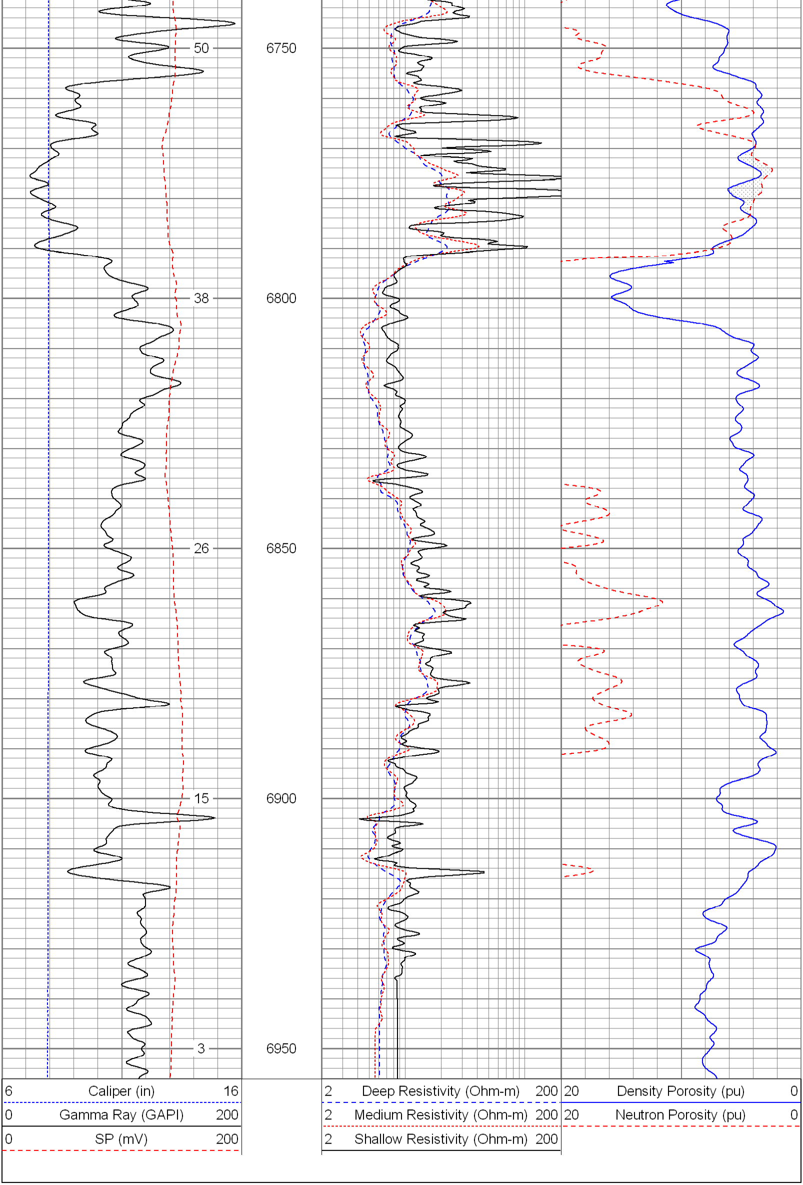
50
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26
15
3
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