PSI
PHOENIX SURVEYS, INC.

DUAL INDUCTION
GUARD LOG
GAMMA RAY

Company
Well
Field
County
State/Prv

Company Great Western Oil & Gas LLC
Well Cache 8-43
Field Wattenberg
County Weld **State/Province** Colorado

Location
SHL: 1249' FSL & 1429' FEL SW SE
BHL: 2010' FSL & 616' FEL NE SE
Sec. 8, Twp. 6N, Rge. 63W

Other Services
Density
Neutron
Microlog

Permanent Datum	GL	Elevation	4689
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4701
D.F. 4700
G.L. 4689

Date	September 29, 2010		
Run Number	1		
Depth Driller	7094		
Depth Logger	7090		
Bottom Logged Interval	7090		
Top Log Interval	Casing		
Casing Driller	492		
Casing Logger	492		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.0 / 55		
pH / Fluid Loss	8.0 / 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.15 @ 70 F		
Rmf @ Meas. Temp	2.52 @ 70 F		
Rmc @ Meas. Temp	3.78 @ 70 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.18 @ 208 F		
Time Circulation Stopped	1600 9/28		
Time Logger on Bottom	0010		
Maximum Recorded Temperature	208 F		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Matt Gill		
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 33
Thank you for using Phoenix Surveys!!
API #: 05-123-31704-00

Database File:	10961.db
Dataset Pathname:	final
Presentation Format:	dil1
Dataset Creation:	Wed Sep 29 01:01:05 2010
Charted by:	Depth in Feet scaled 1:240

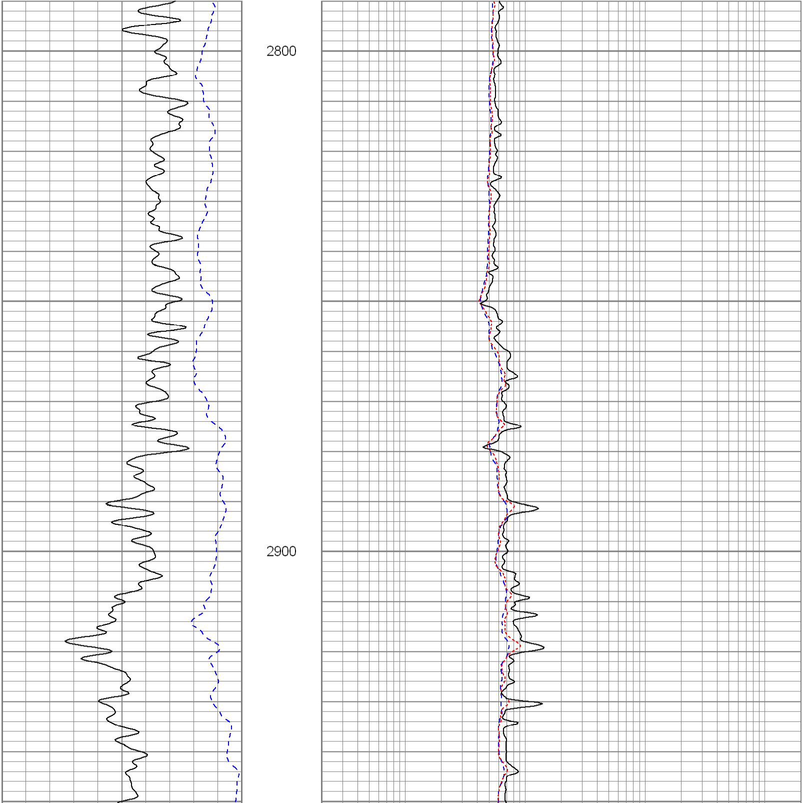
30 Gamma Ray (GAPI) 130

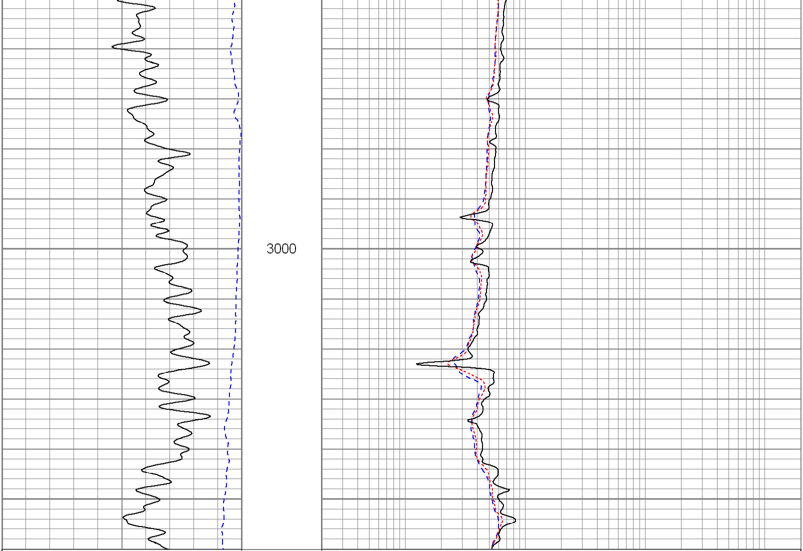
70 SP (mV) 170

0.2 Deep Resistivity (Ohm-m) 2000

0.2 Medium Resistivity (Ohm-m) 2000

0.2 Shallow Resistivity (Ohm-m) 2000





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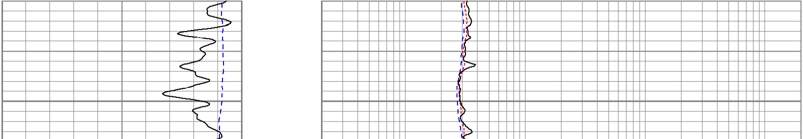

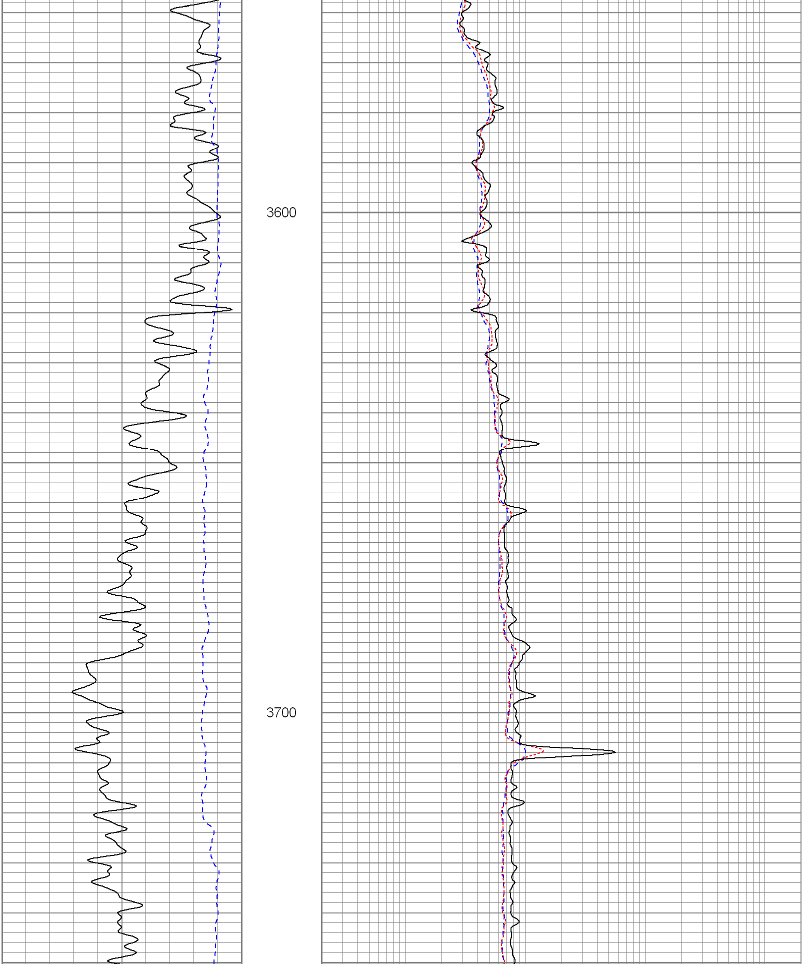

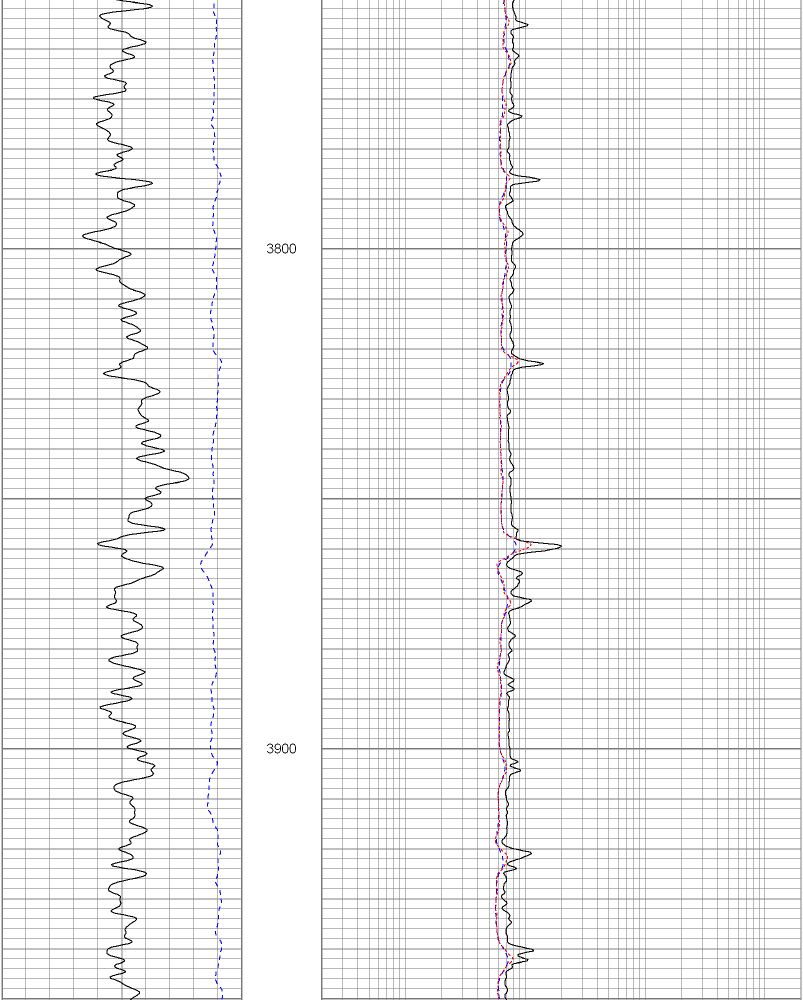

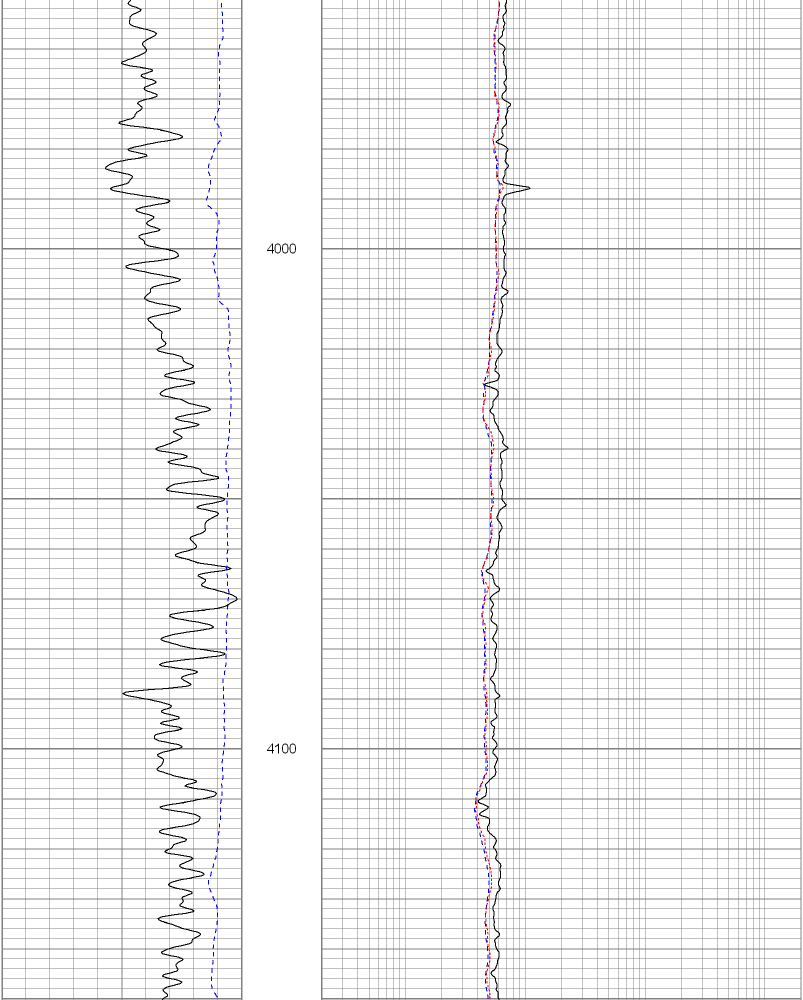

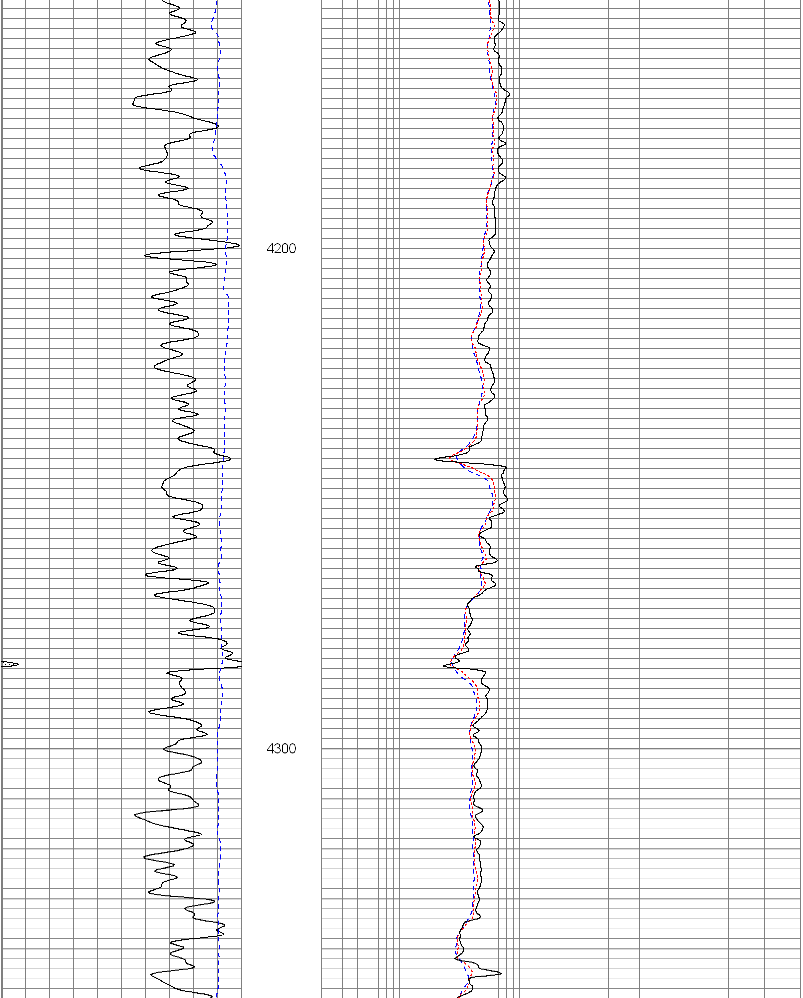

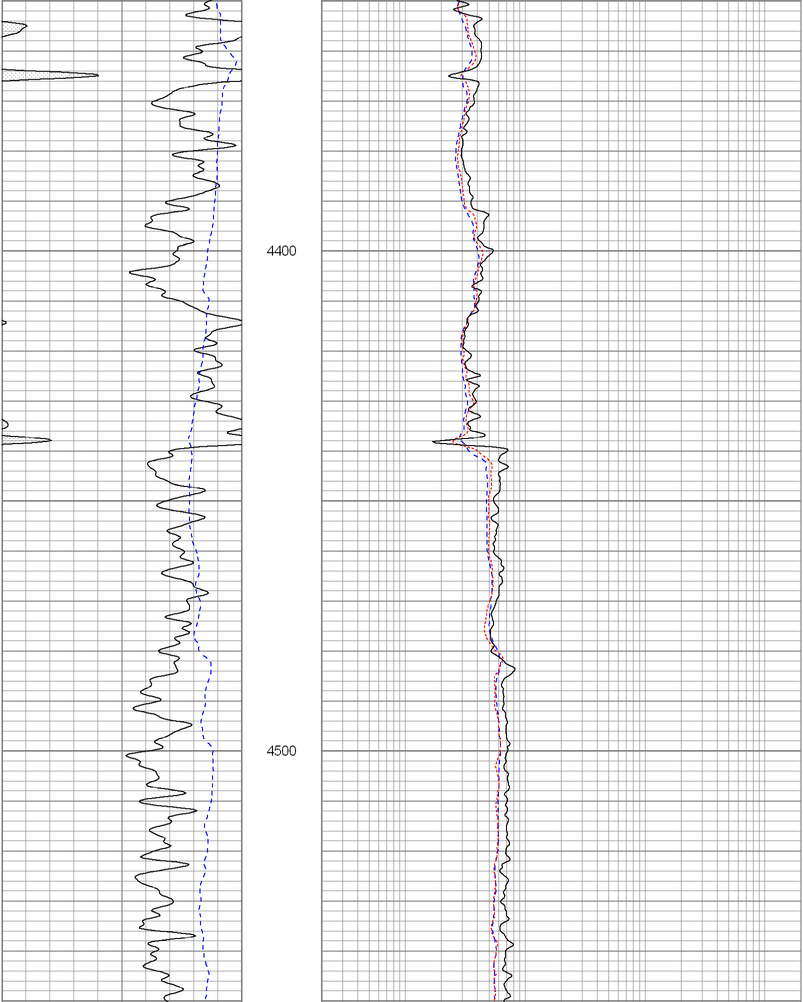

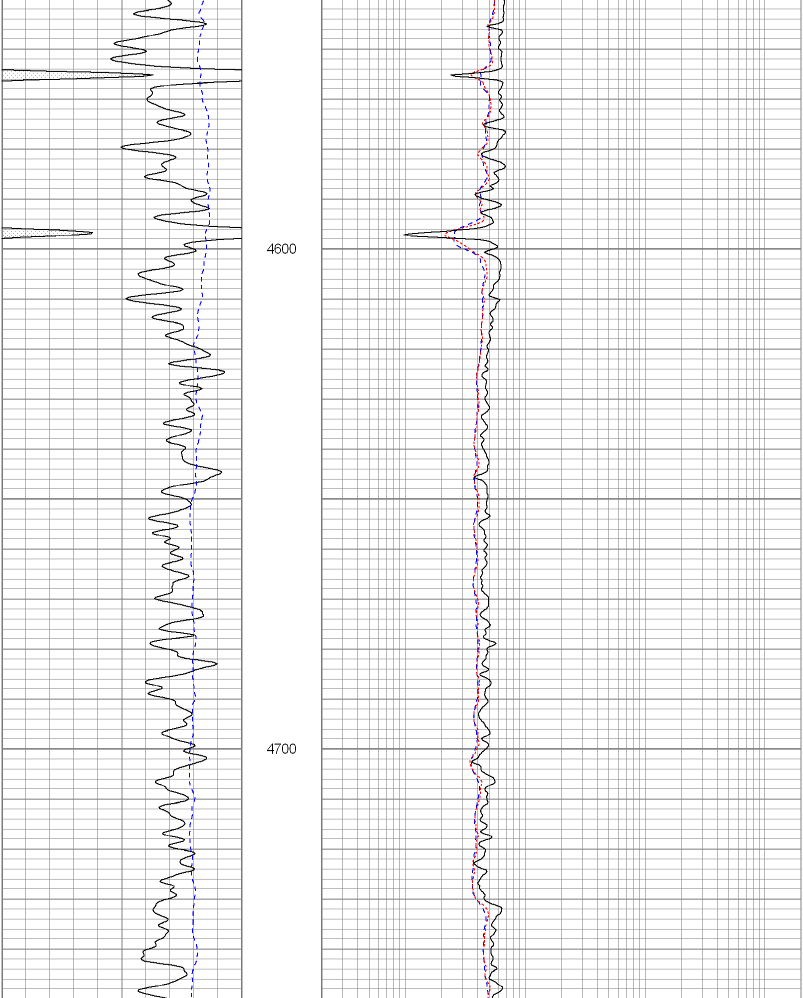

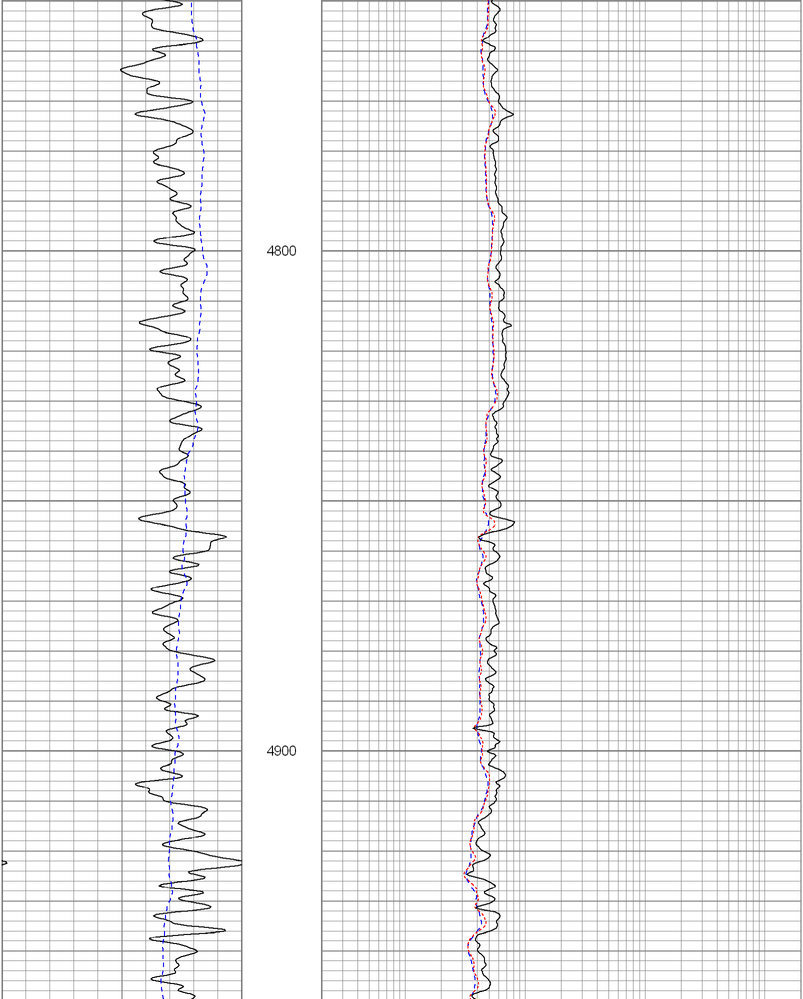

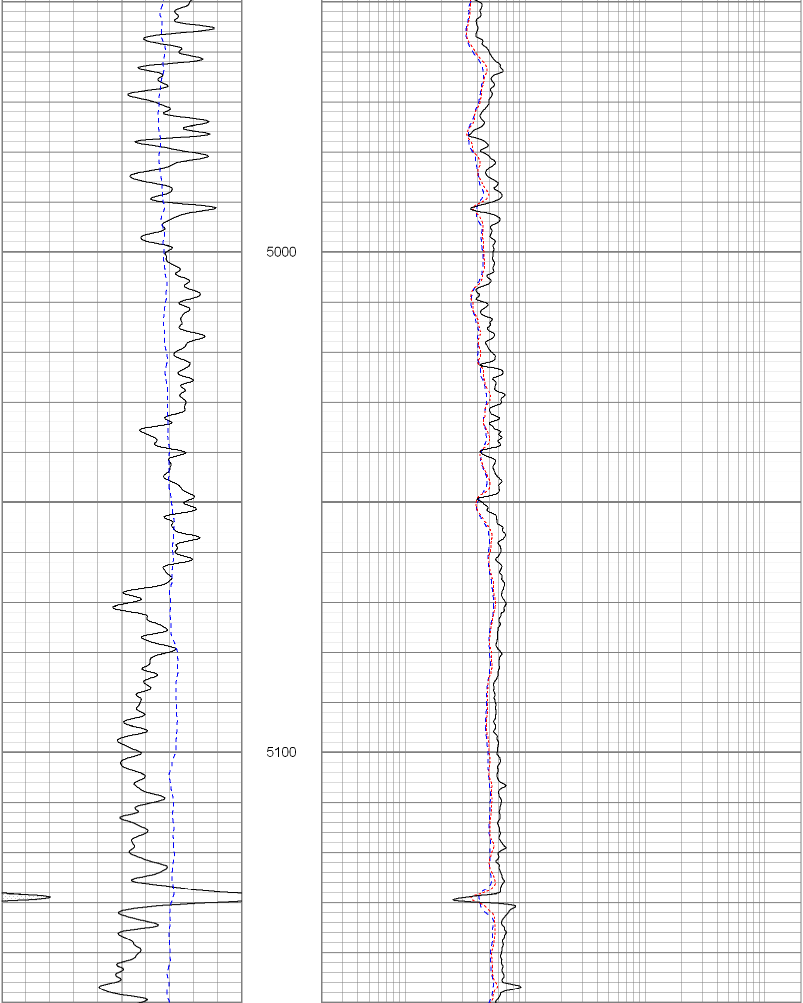

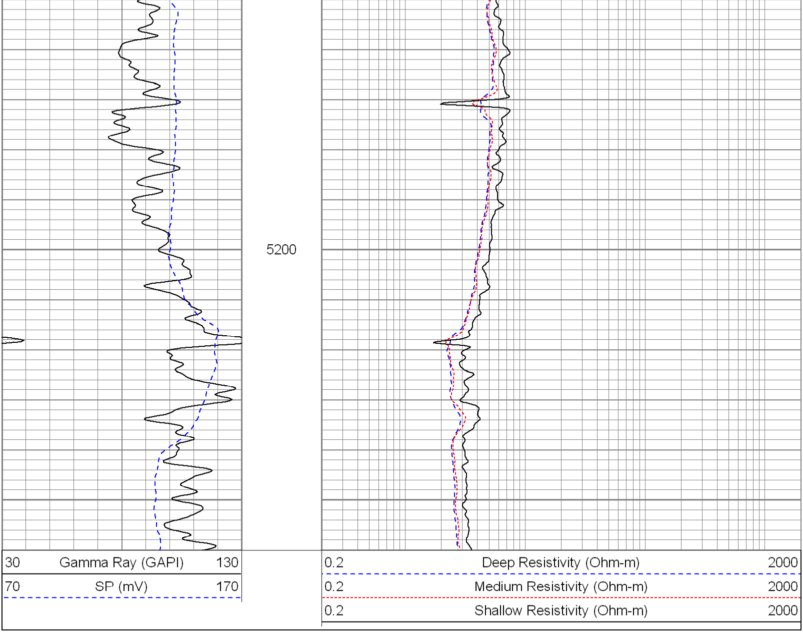

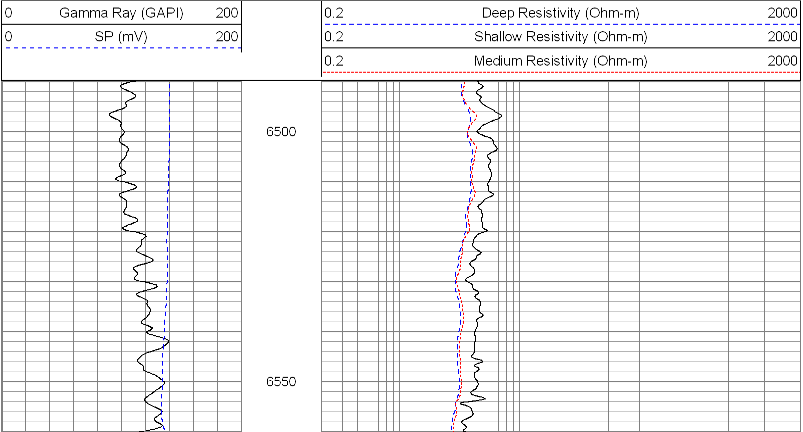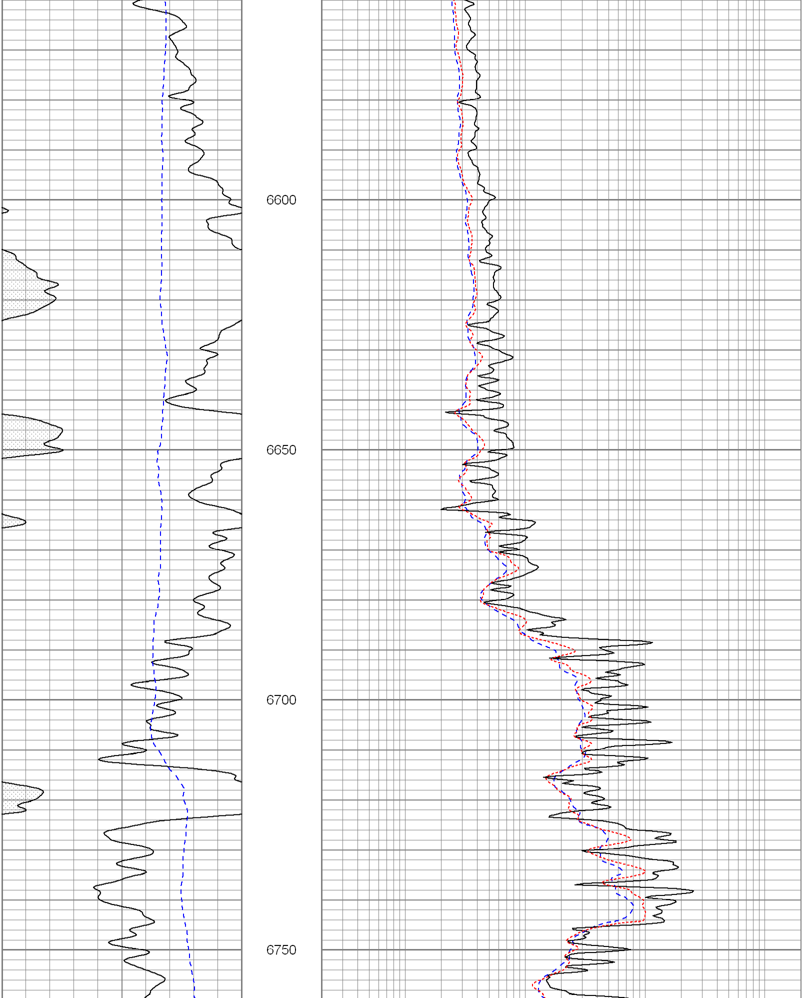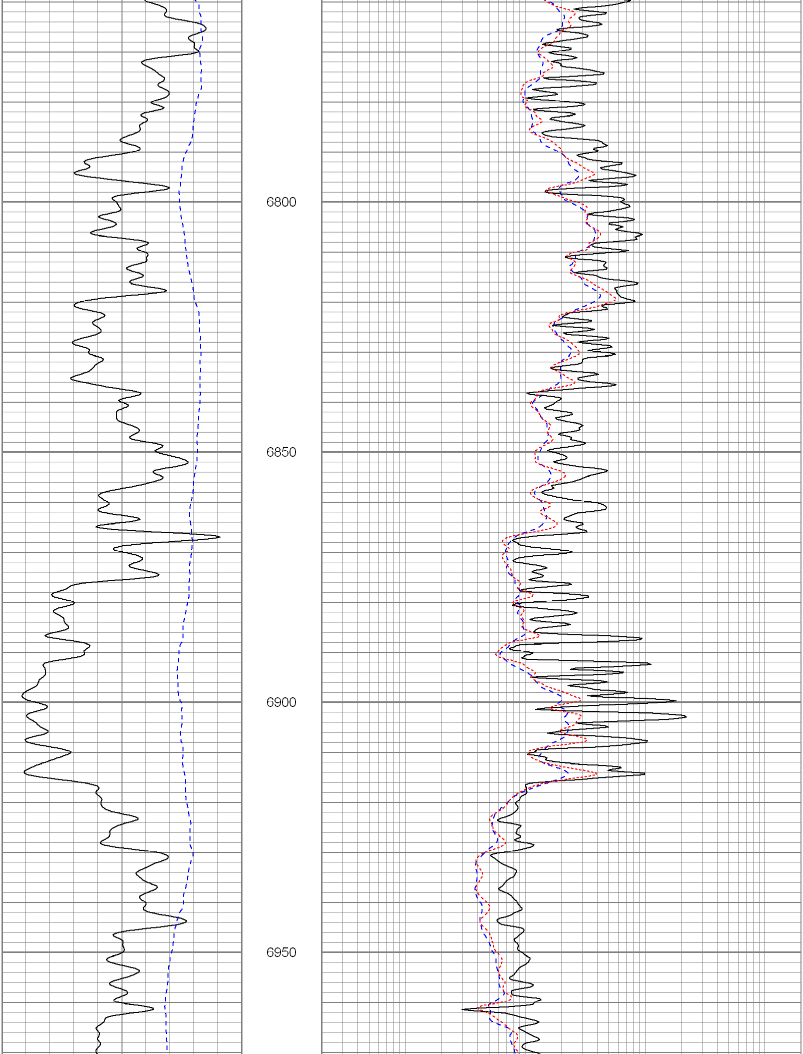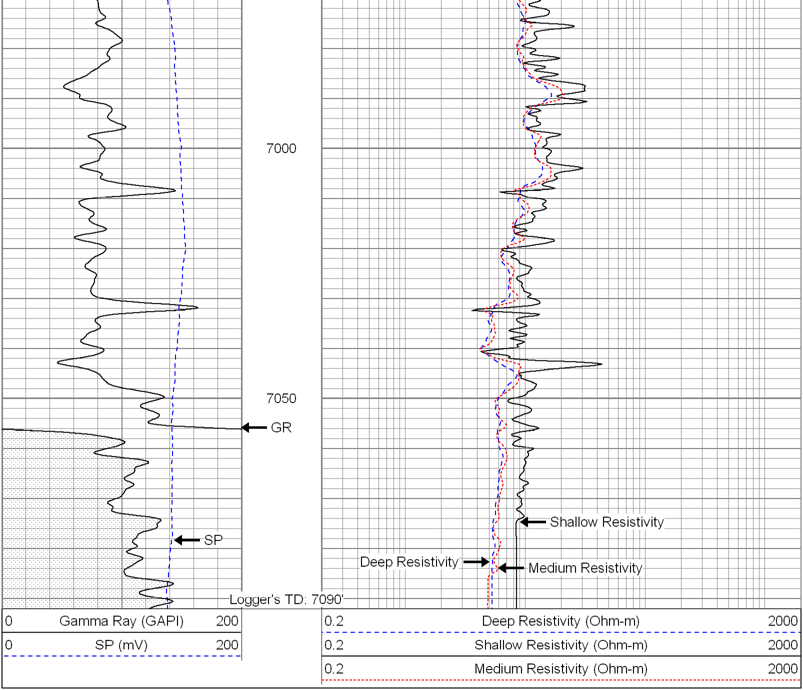Database File:	10961.db
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