PHOENIX SURVEYS, INC.

DUAL INDUCTION
GUARD LOG
GAMMA RAY

Company
Well
Field
County
State/Prv

Company	Great Western Oil & Gas, LLC.
Well	Great Western 27-51
Field	Wattenberg
County	Weld
State/Province	Colorado

Location
1367' FNL & 1236' FEL
C NE
Sec. 27, Twp. 6N, Rge. 67W

Other Services
Density
Neutron

Elevation
K.B. 4774
D.F. 4773
G.L. 4764

Permanent Datum	GL	Elevation	4764
Log Measured From	KB		
Drilling Measured From	KB		

Date	January 28, 2007		
Run Number	1		
Depth Driller	7280		
Depth Logger	7277		
Bottom Logged Interval	7277		
Top Log Interval	Casing		
Casing Driller	411		
Casing Logger	411		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.0 / 50		
pH / Fluid Loss	9.0 / 8.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	4.05 @ 61° F		
Rmf @ Meas. Temp	3.32 @ 61° F		
Rmc @ Meas. Temp	4.78 @ 61° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.12 @ 208° F		
Time Circulation Stopped	1300		
Time Logger on Bottom	2000		
Maximum Recorded Temperature	208° F		
Equipment Number	4041		
Location	Brighton, CO		
Recorded By	Randy Conley		
Witnessed By	Mark Scanniello	Craig Jones	

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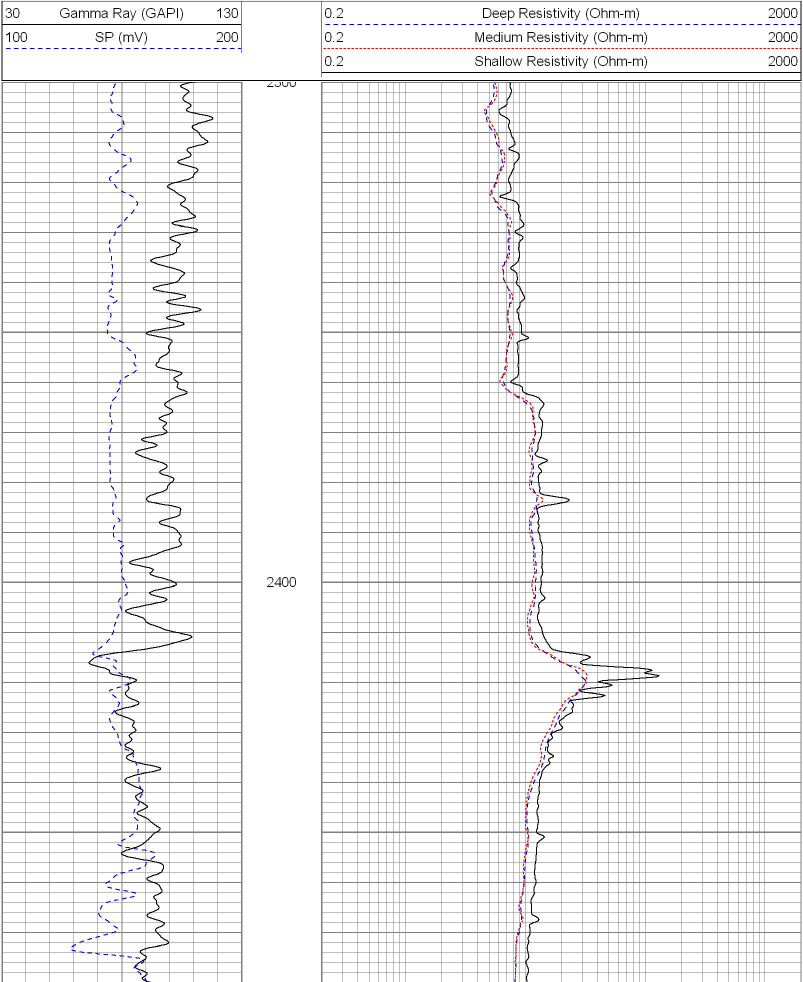
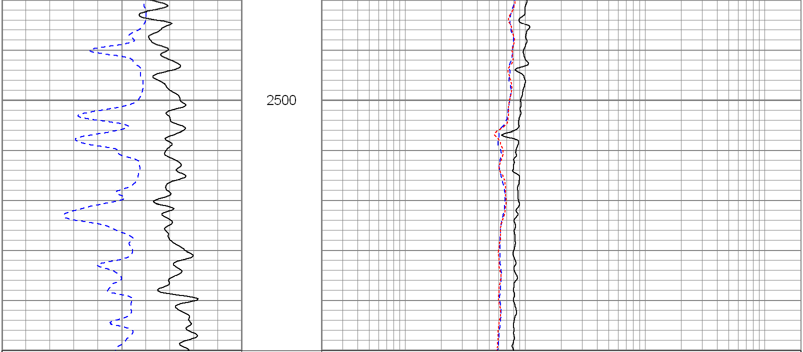
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 4-1/2" casing
Ensign Drilling Rig 32
Thank you for using Phoenix Surveys!!
API #: 05-123-24122-00

Database File: 6767.db
Dataset Pathname: pass3
Presentation Format: dil1
Dataset Creation: Sun Jan 28 20:17:28 2007 by Log Open-Cased 061129
Charted by: Depth in Feet scaled 1:240





30	Gamma Ray (GAPI)	130
100	SP (mV)	200

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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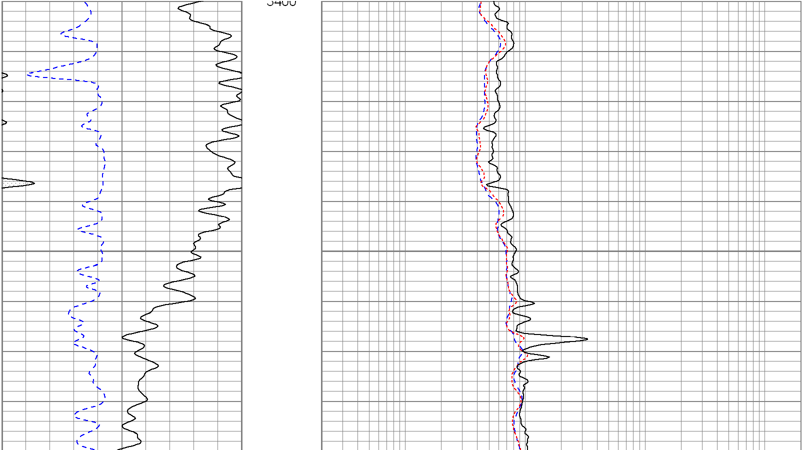

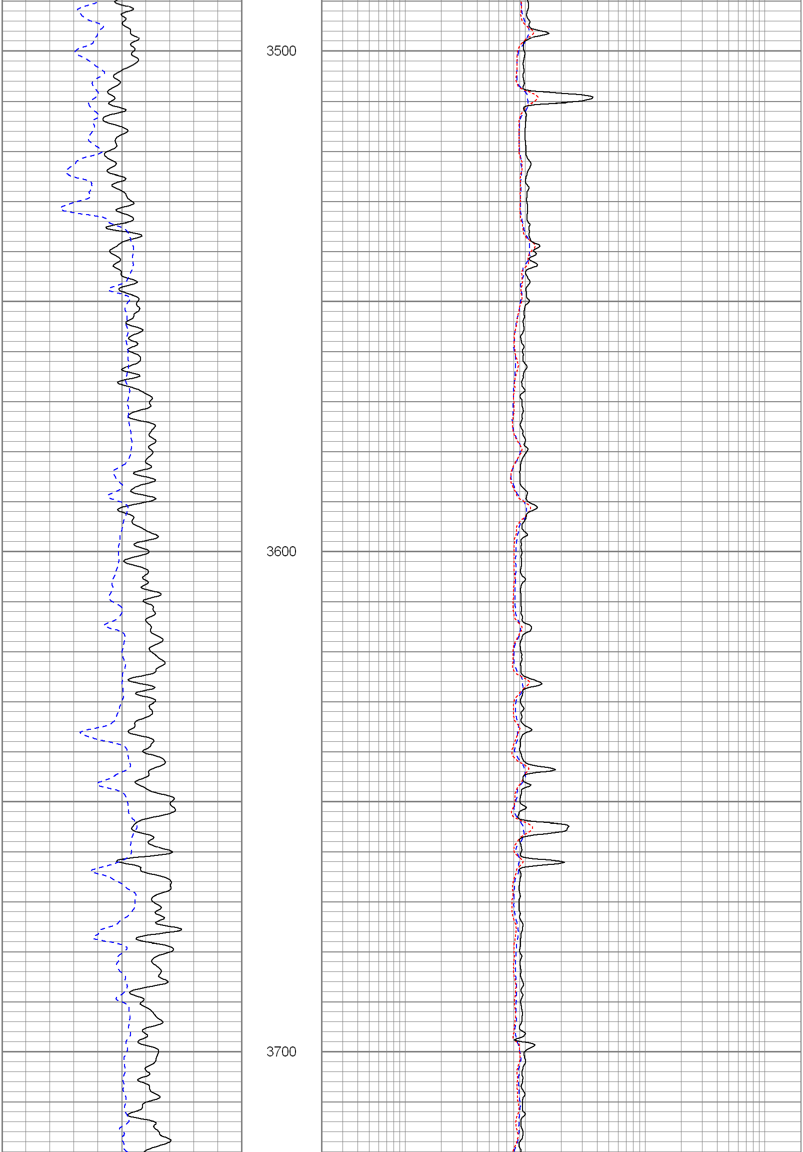

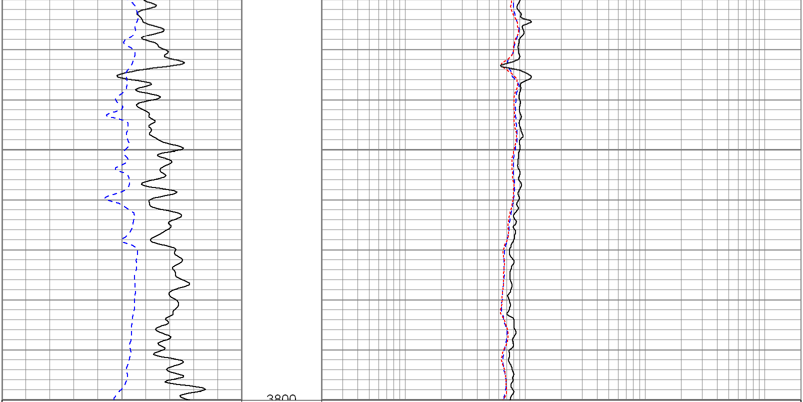

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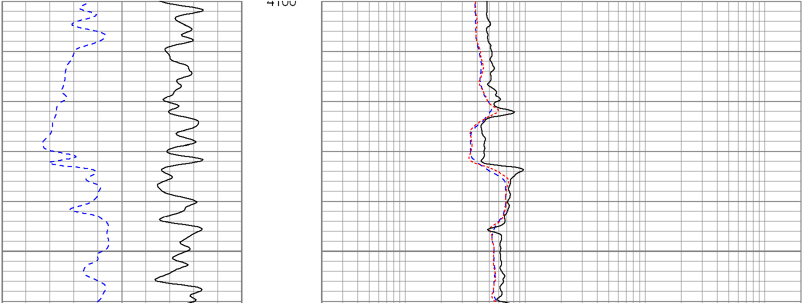

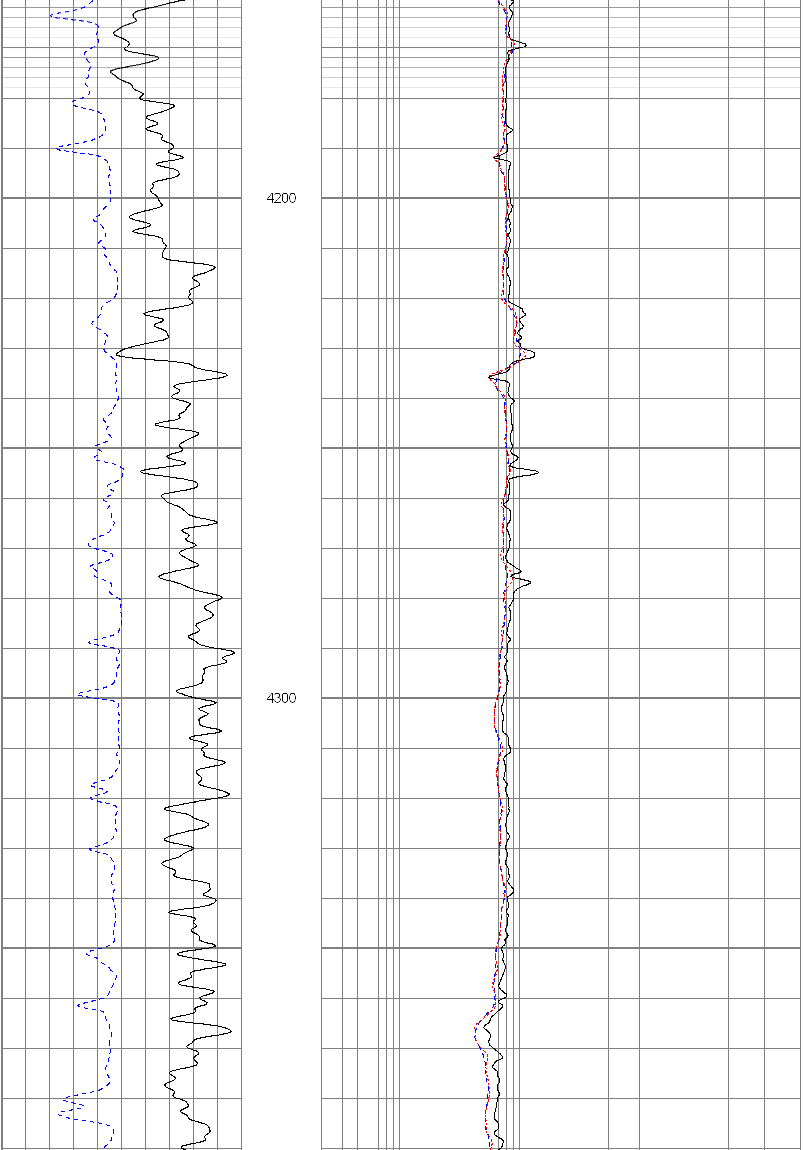

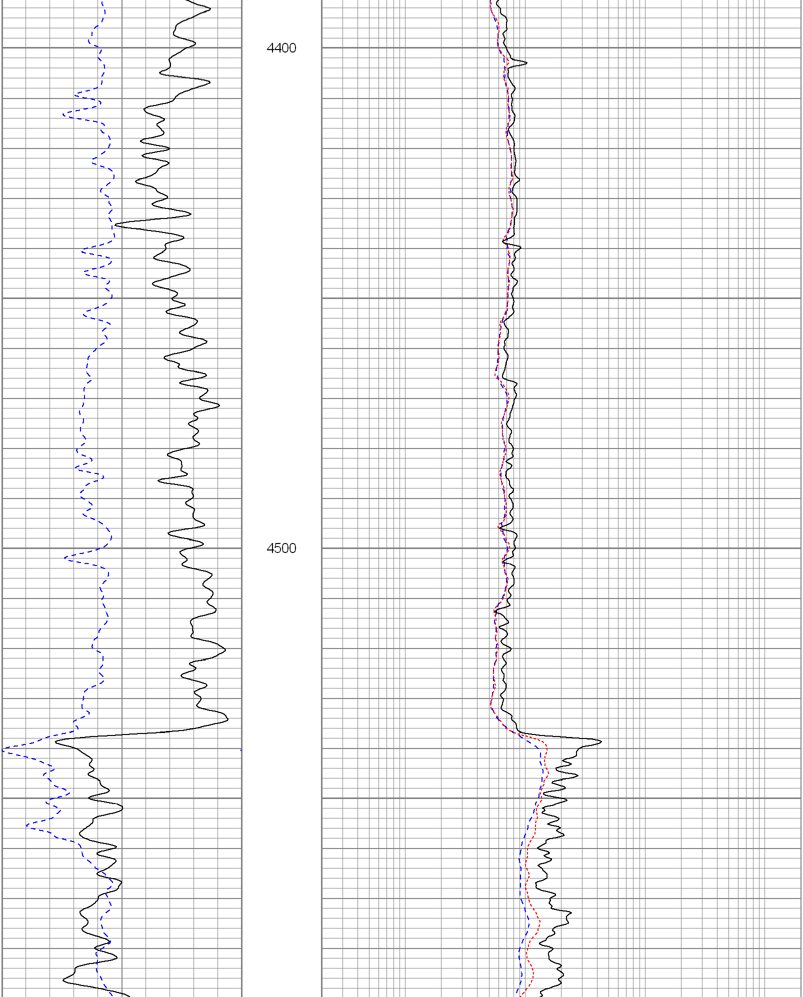

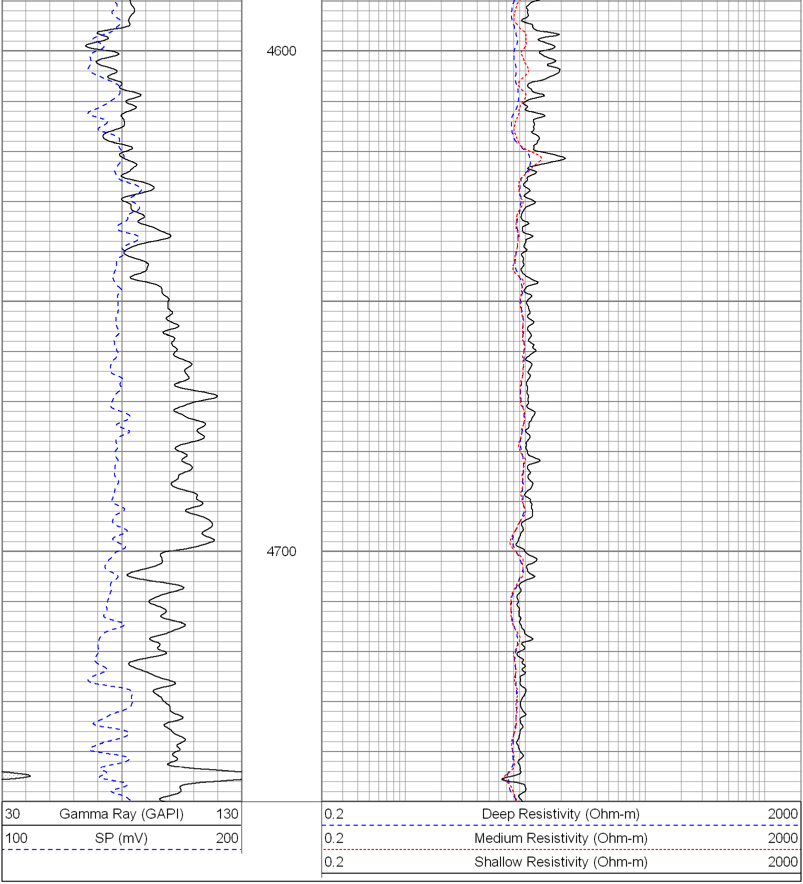

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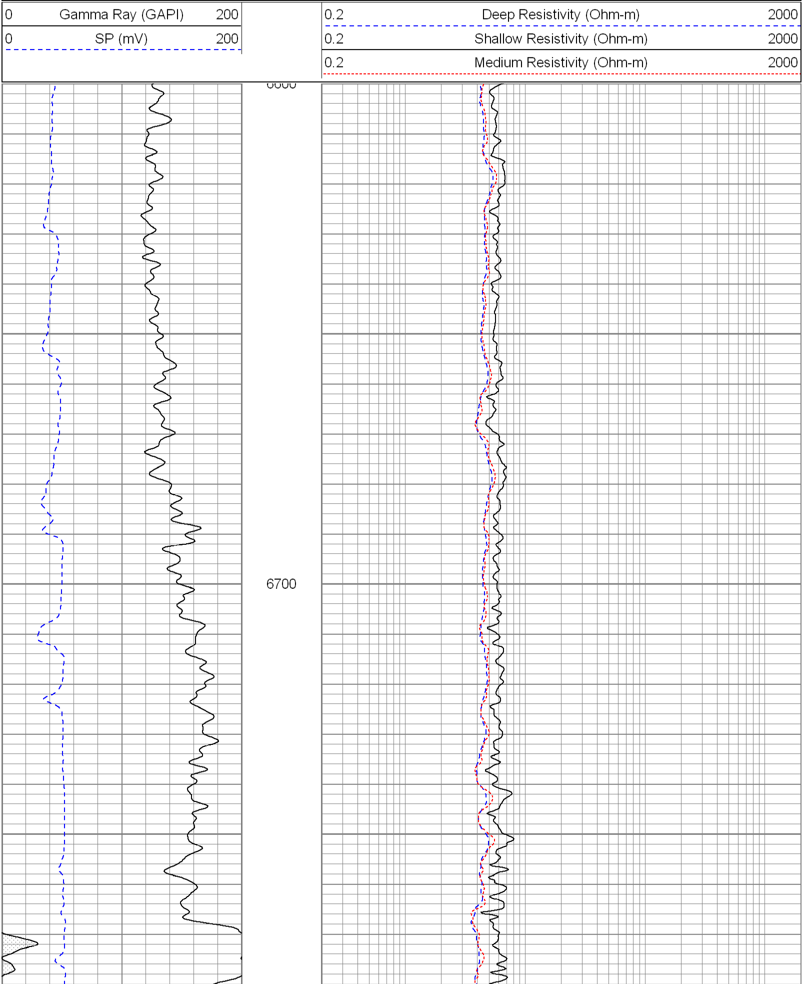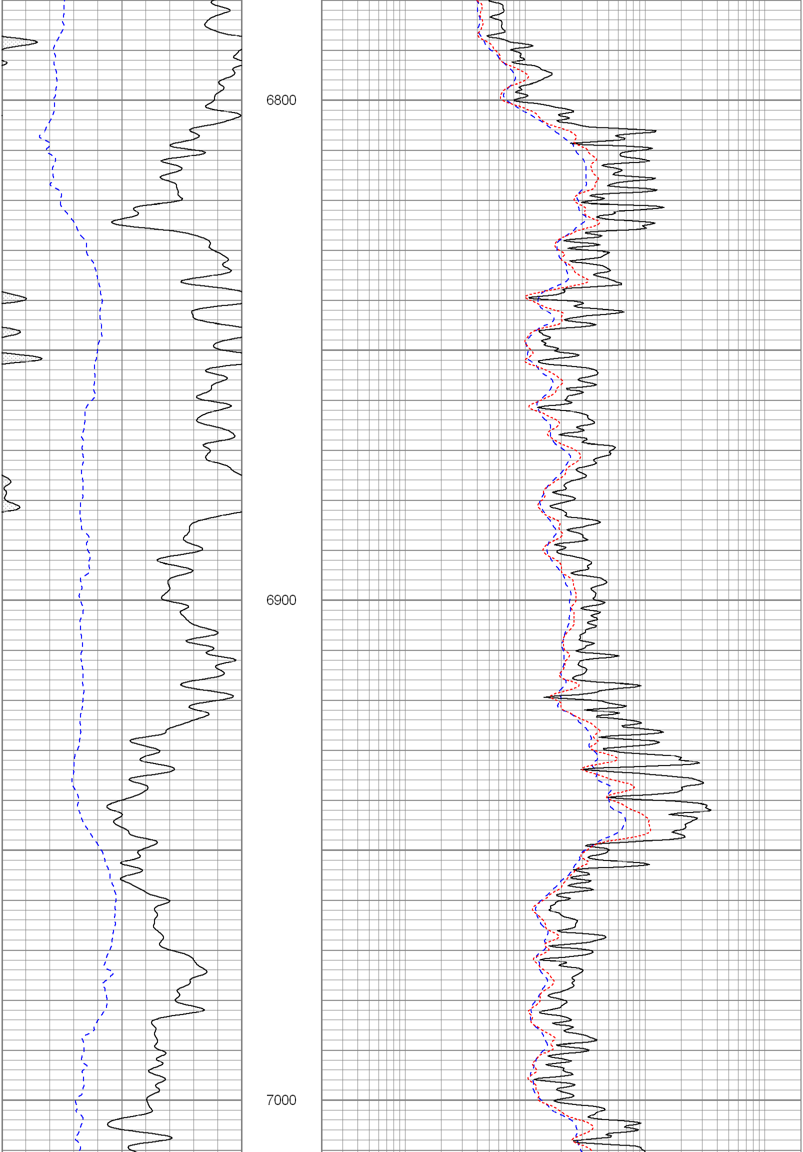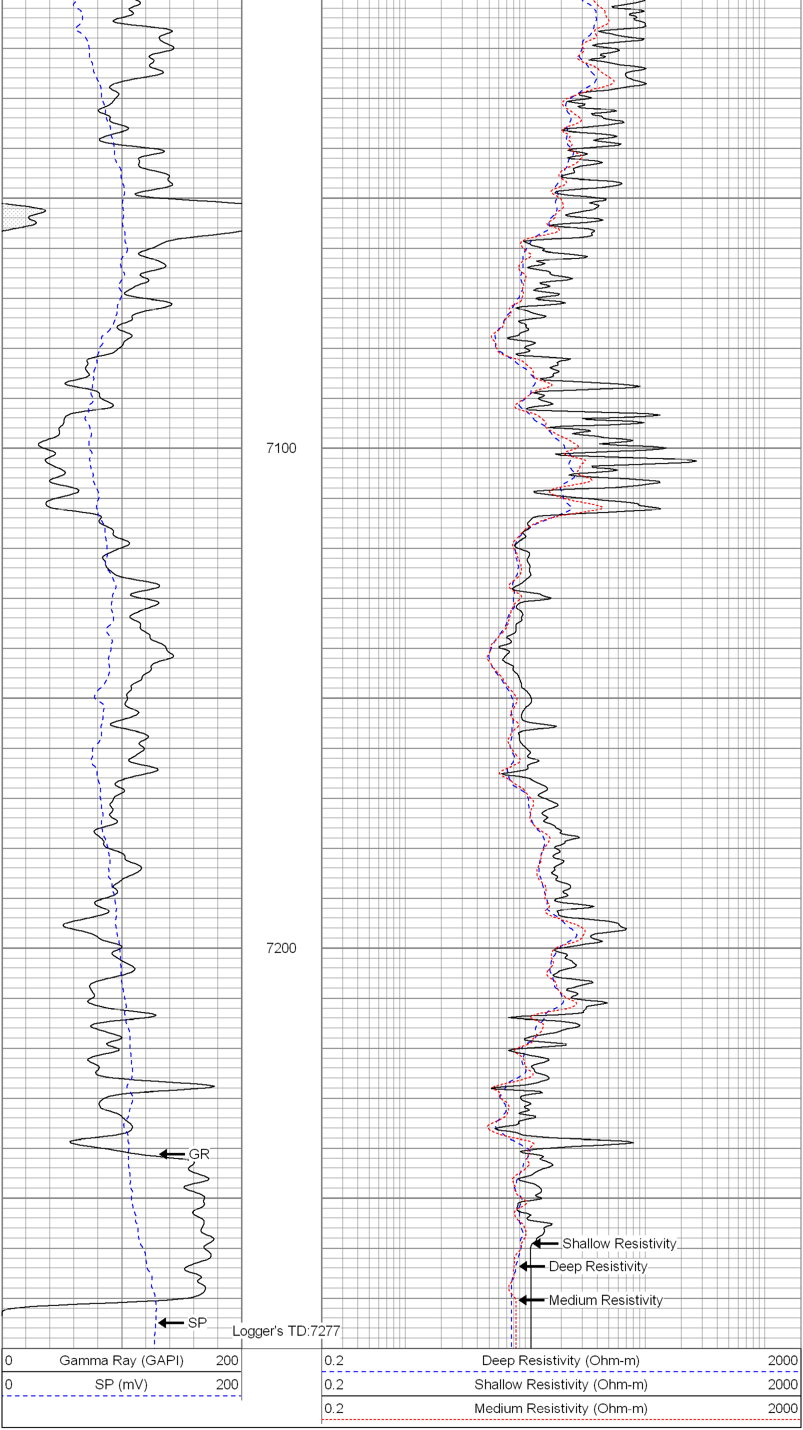
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6600
6700