PHOENIX SURVEYS, INC.

DUAL INDUCTION
GUARD LOG
GAMMA RAY

Company
Well
Field
County
State/Prv

Company	United States Exploration, Inc.
Well	Duke J 5-16
Field	Wattenberg
County	Weld
State/Province	Colorado
Location	SHL: 1564' FSL & 249' FWL NWSW Sec. 4, Twp. 5N, Rge. 66W BHL: 692' FSL & 714' FEL SESE Sec. 5, Twp. 5N, Rge. 66W

Other Services
Density
Neutron
Microlog

Permanent Datum	GL	Elevation	4782
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4798
D.F. 4797
G.L. 4782

Date	January 18, 2007		
Run Number	1		
Depth Driller	7630		
Depth Logger	7599		
Bottom Logged Interval	7599		
Top Log Interval	Casing		
Casing Driller	460		
Casing Logger	460		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.0 / 49		
pH / Fluid Loss	9.0 / 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	4.47 @ 55° F		
Rmf @ Meas. Temp	3.80 @ 55° F		
Rmc @ Meas. Temp	5.65 @ 55° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.18 @ 208° F		
Time Circulation Stopped	1300		
Time Logger on Bottom	2030		
Maximum Recorded Temperature	208° F		
Equipment Number	4400		
Location	Brighton, CO		
Recorded By	Shaun Schuman		
Witnessed By	Brody Hansen		

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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

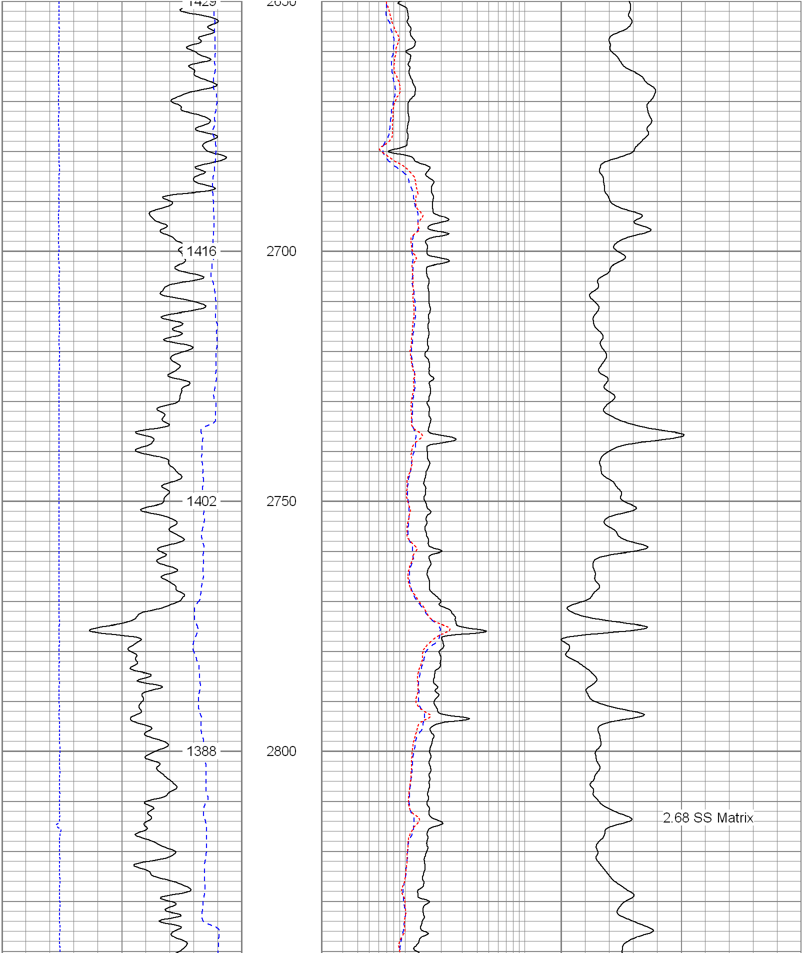
Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 7
Thank you for using Phoenix Surveys!!
API #: 05-123-27304-00

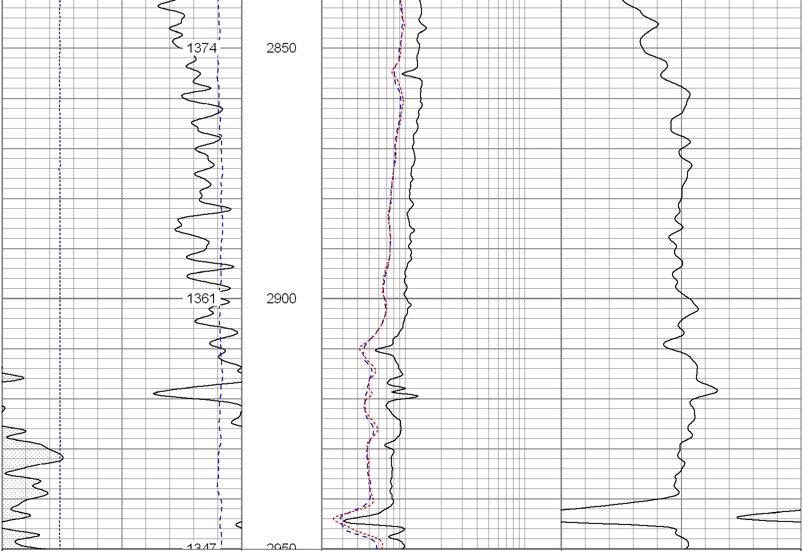
Database File: 6687.db
Dataset Pathname: pass4
Presentation Format: pdc1
Dataset Creation: Thu Jan 18 20:48:50 2007 by Log Open-Cased 061129
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
60 *SP (mV)* 160

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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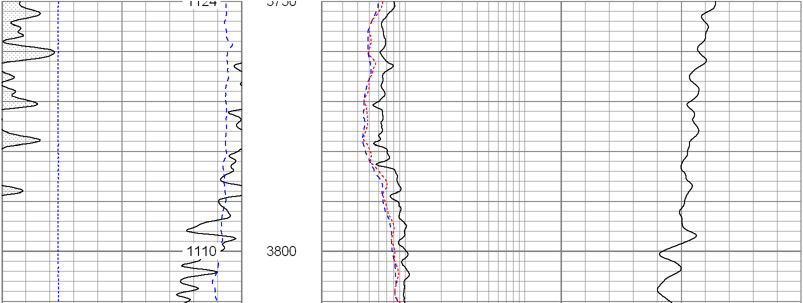

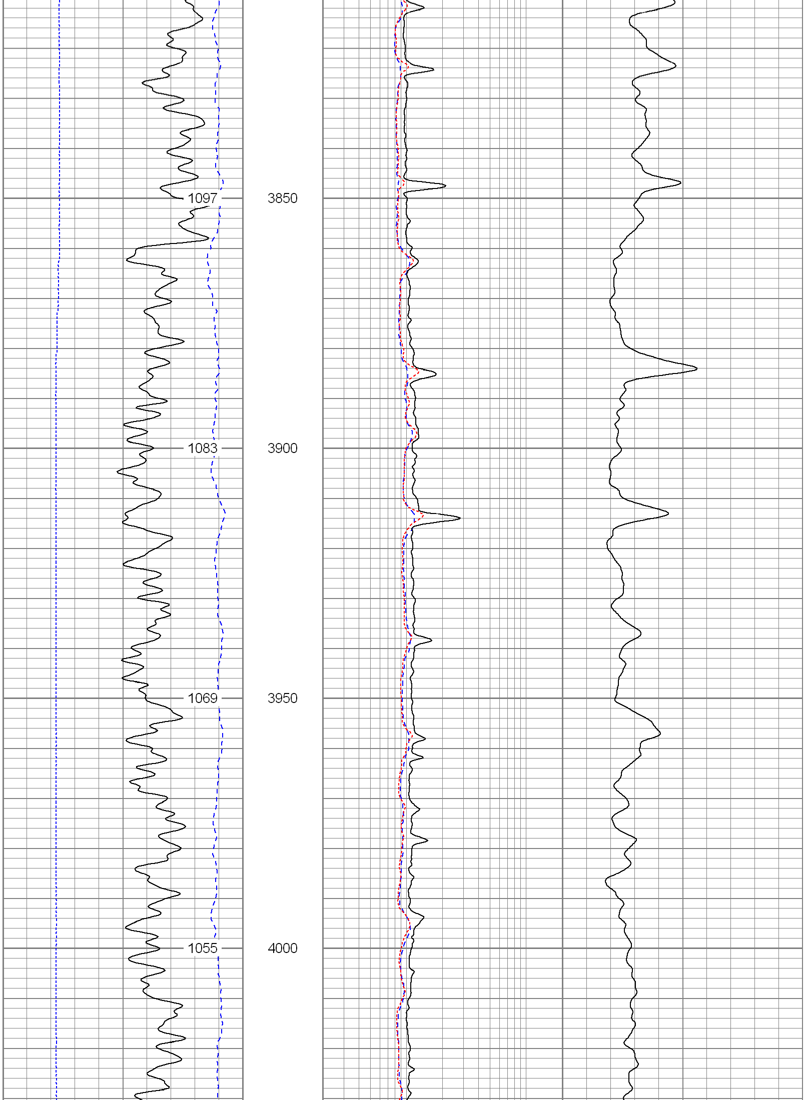

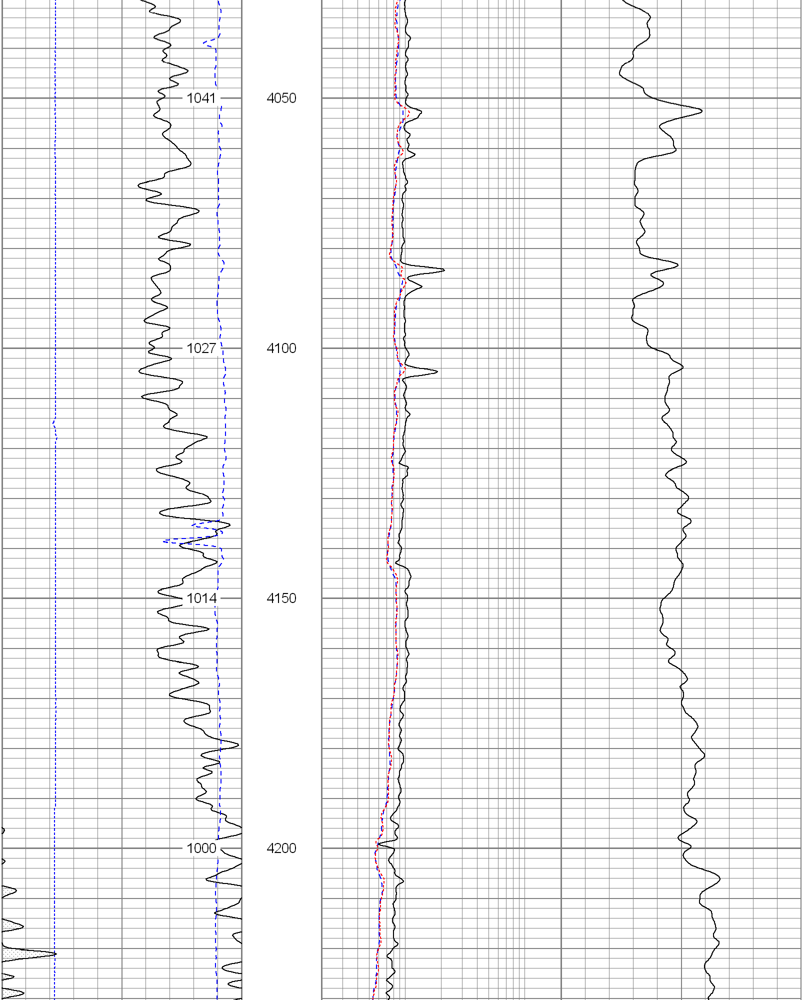

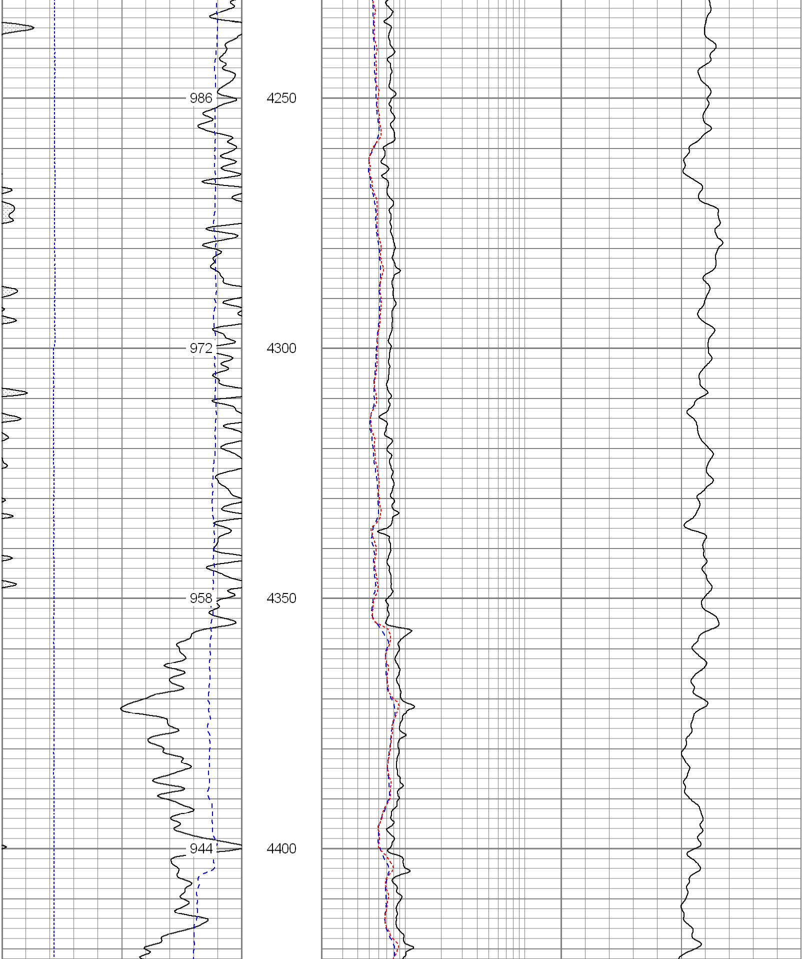

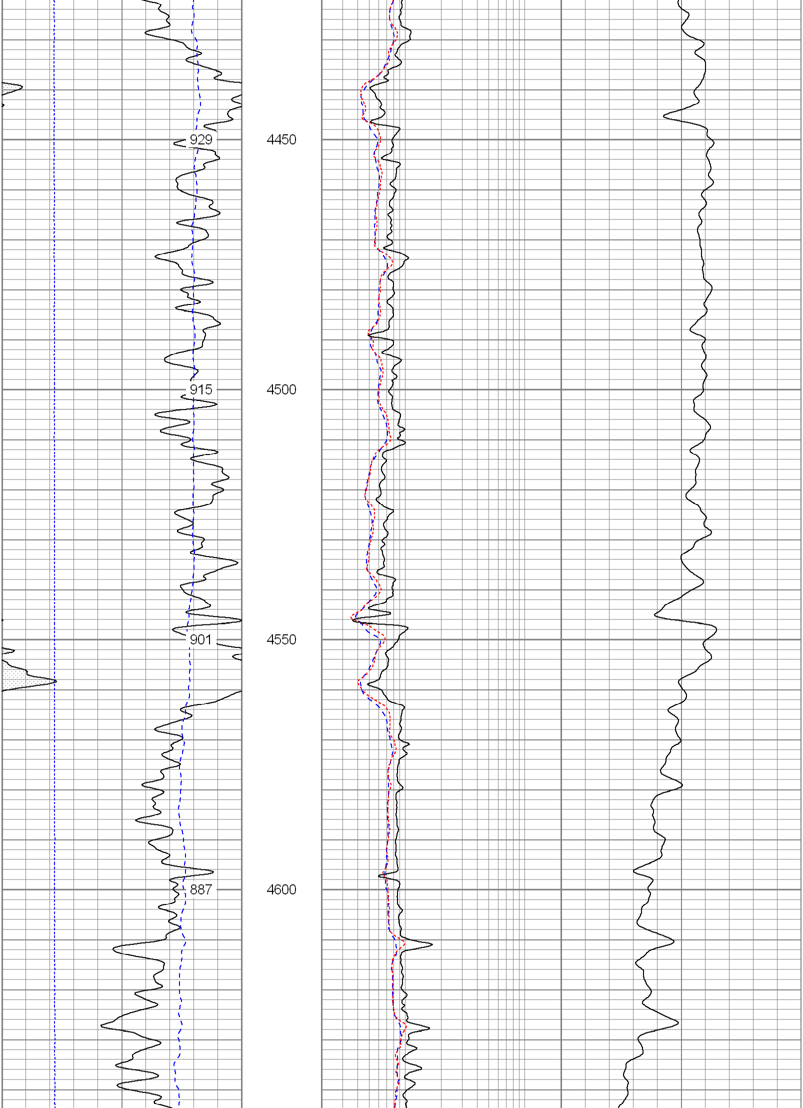

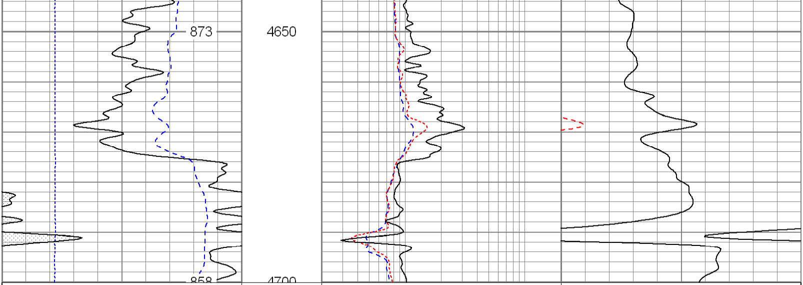

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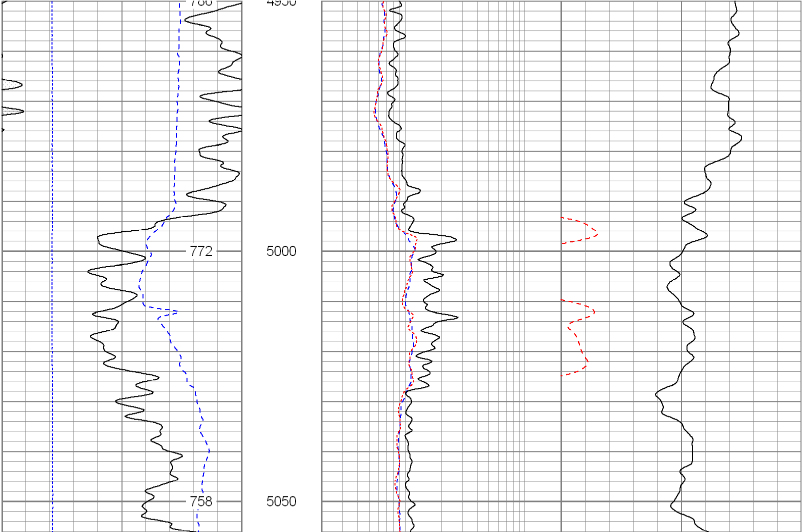

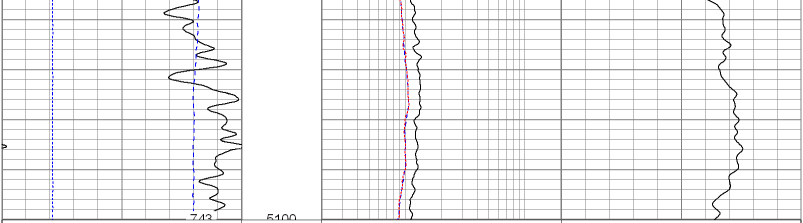

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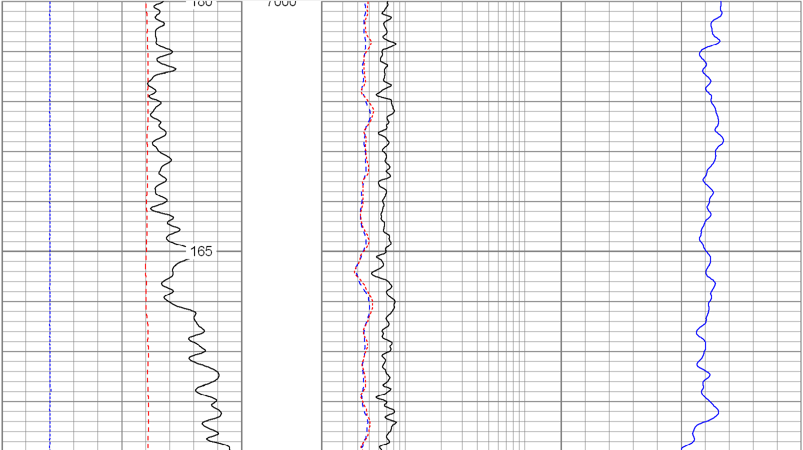
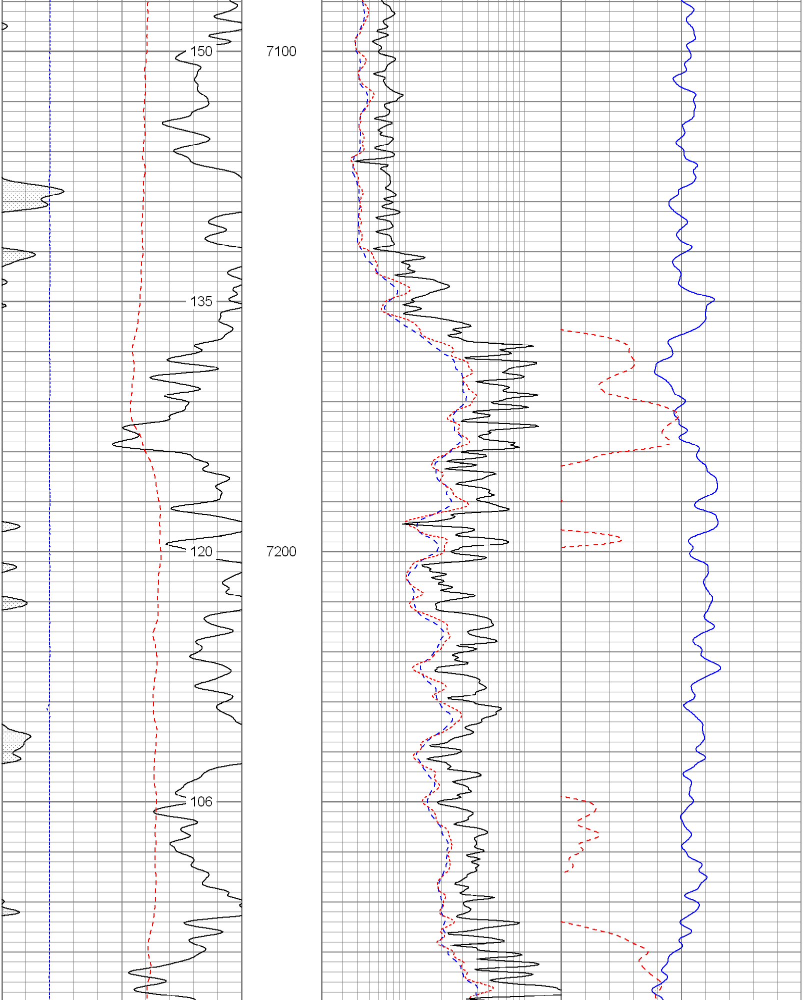
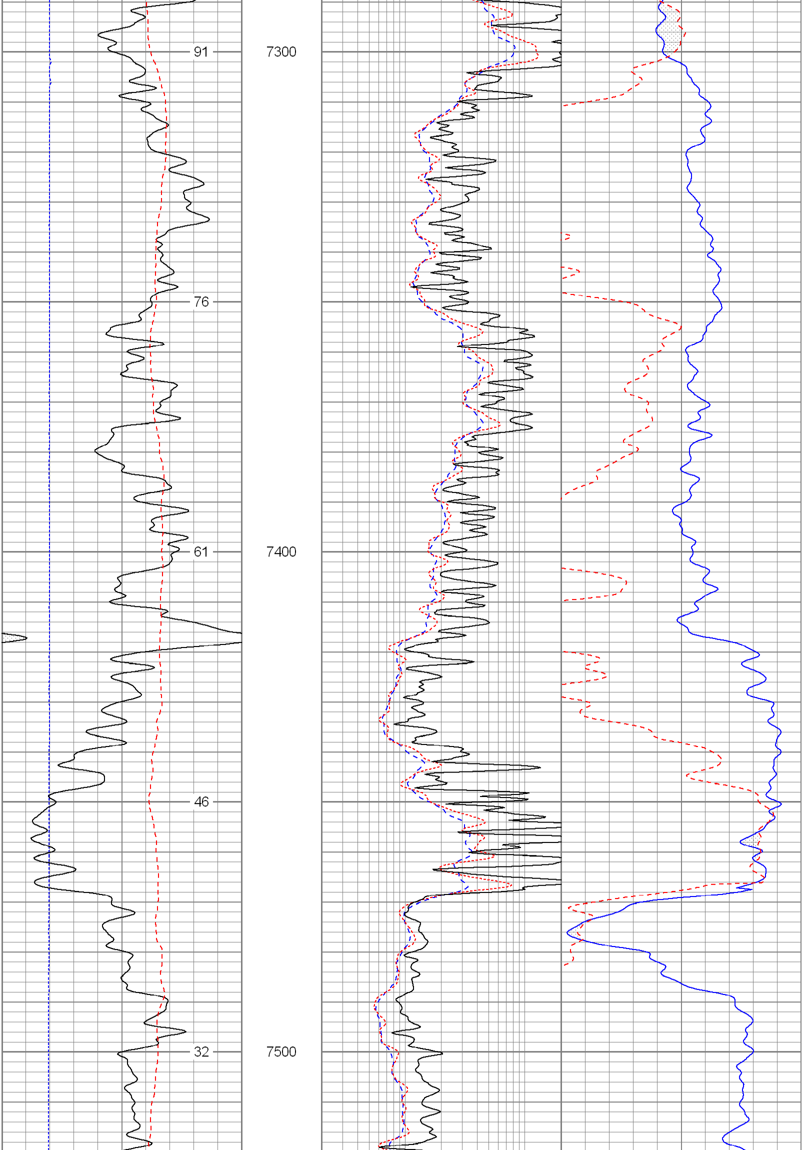
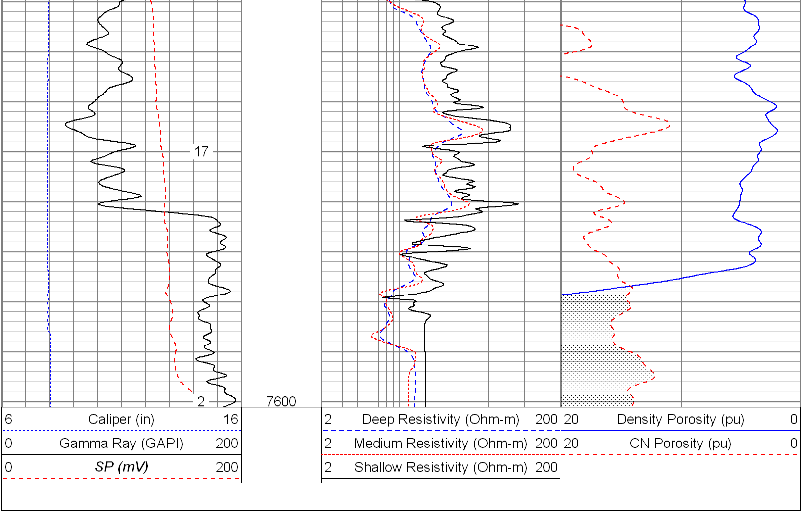
0	Gamma Ray (GAPI)	200	2	Medium Resistivity (Ohm-m)	200	20	CN Porosity (pu)	0
0	*SP (mV)*	200	2	Shallow Resistivity (Ohm-m)	200			





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