PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company	UNIOIL		
Well	Binder 11-10DU		
Field	Wattenberg		
County	Weld	State/Province	Colorado

Location
SHL: 1804' FNL & 345' FWL SWNW
BHL: 1180' FNL & 279' FWL NWNW
Sec 10, Twp 4N, Rge 67W

Other Services
None

Elevation
K.B. 4774
D.F. 4773
G.L. 4760

Permanent Datum	GL	Elevation	4760
Log Measured From	KB		
Drilling Measured From	KB		

Date	December 29, 2010		
Run Number	1		
Depth Driller	7490		
Depth Logger	7489		
Bottom Logged Interval	7489		
Top Log Interval	Casing		
Casing Driller	464		
Casing Logger	464		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.2 / 54		
pH / Fluid Loss	9.0 / 11.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.10 @ 77 F		
Rmf @ Meas. Temp	2.50 @ 77 F		
Rmc @ Meas. Temp	4.40 @ 77 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.13 @ 212 F		
Time Circulation Stopped	1215		
Time Logger on Bottom	1845		
Maximum Recorded Temperature	212 F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Shaun Schuman		
Witnessed By	Don Patton		

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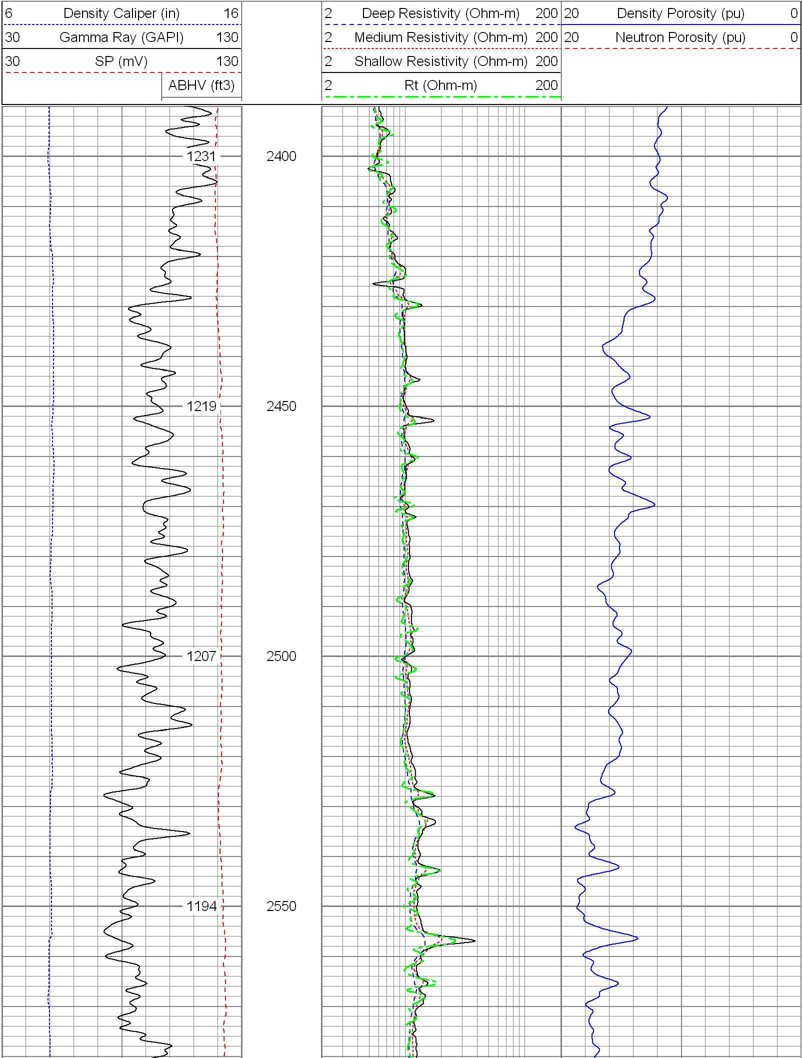
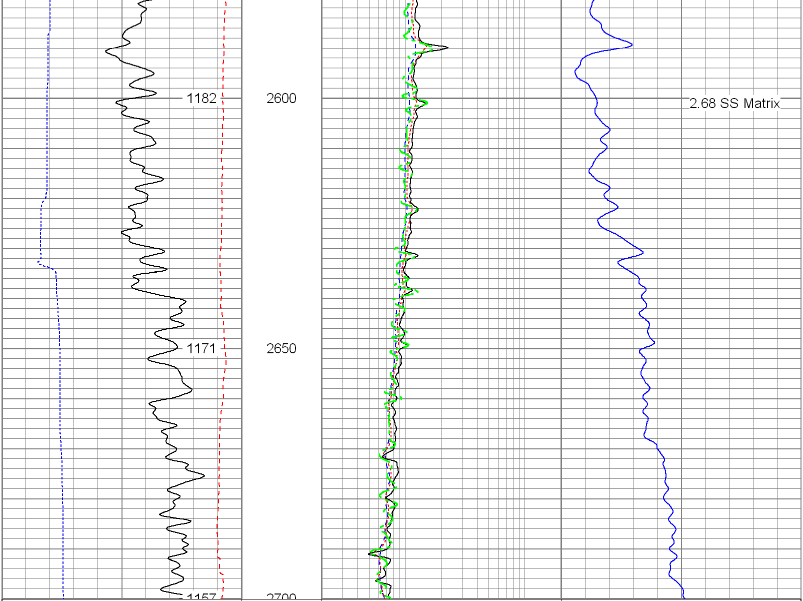
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 32
Thank you for using Phoenix Surveys.
API #: 05-123-31515

Database File: 11332.db
Dataset Pathname: main
Presentation Format: pdc1
Dataset Creation: Wed Dec 29 20:10:21 2010
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
30	SP (mV)	130	2	Shallow Resistivity (Ohm-m)	200		
	ABHV (ft3)		2	Rt (Ohm-m)	200		

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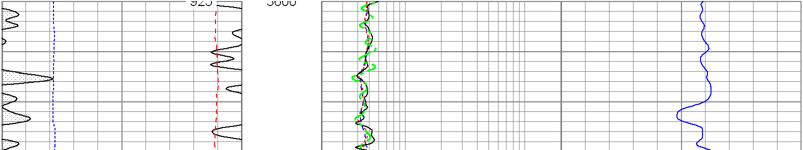

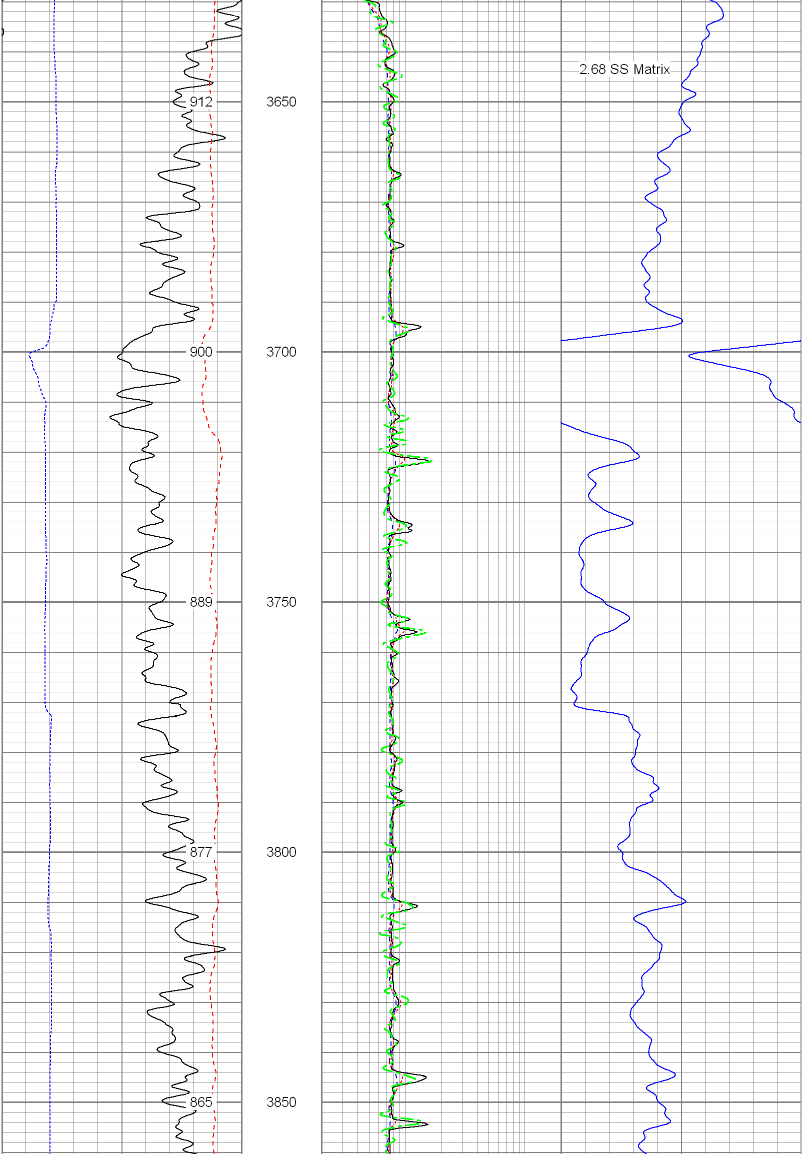

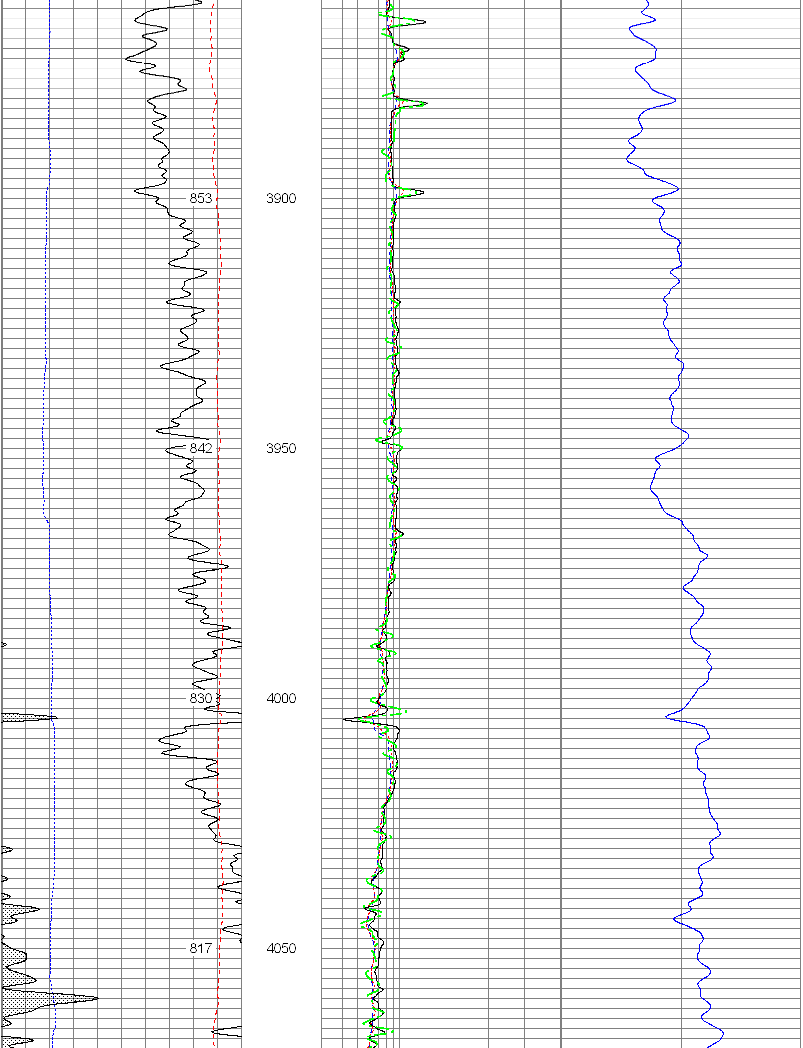

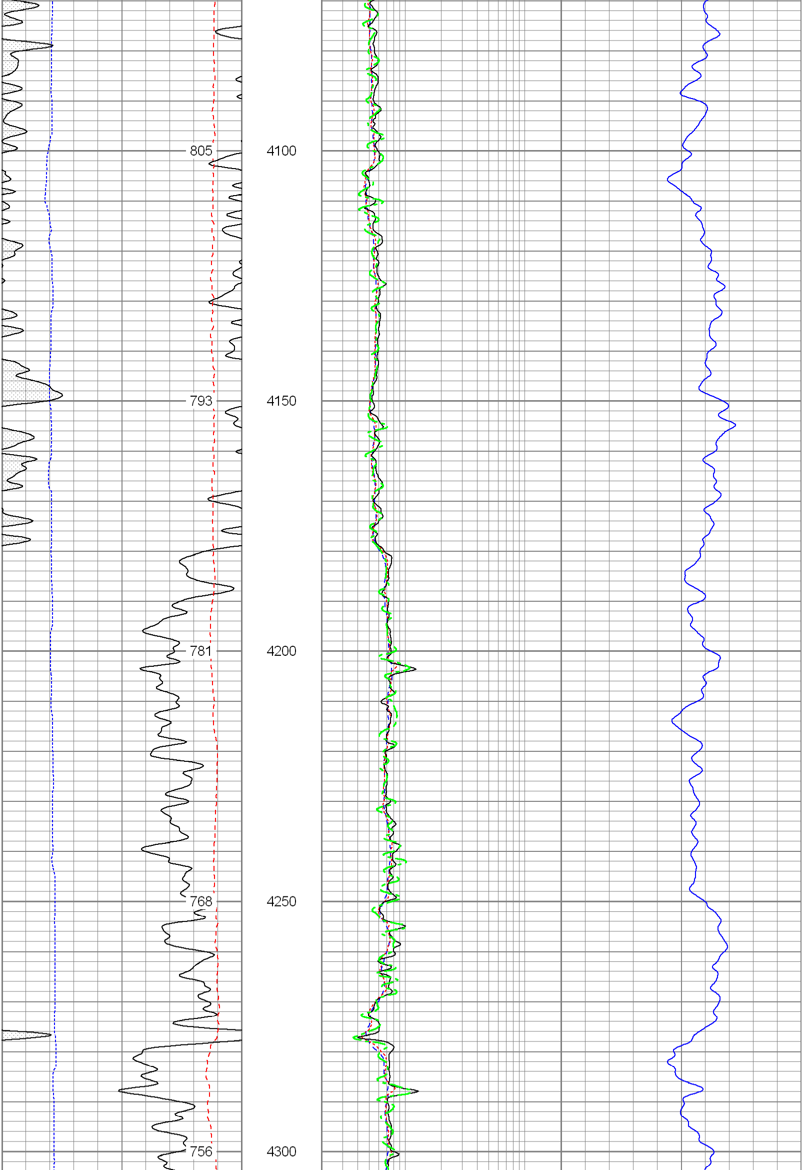

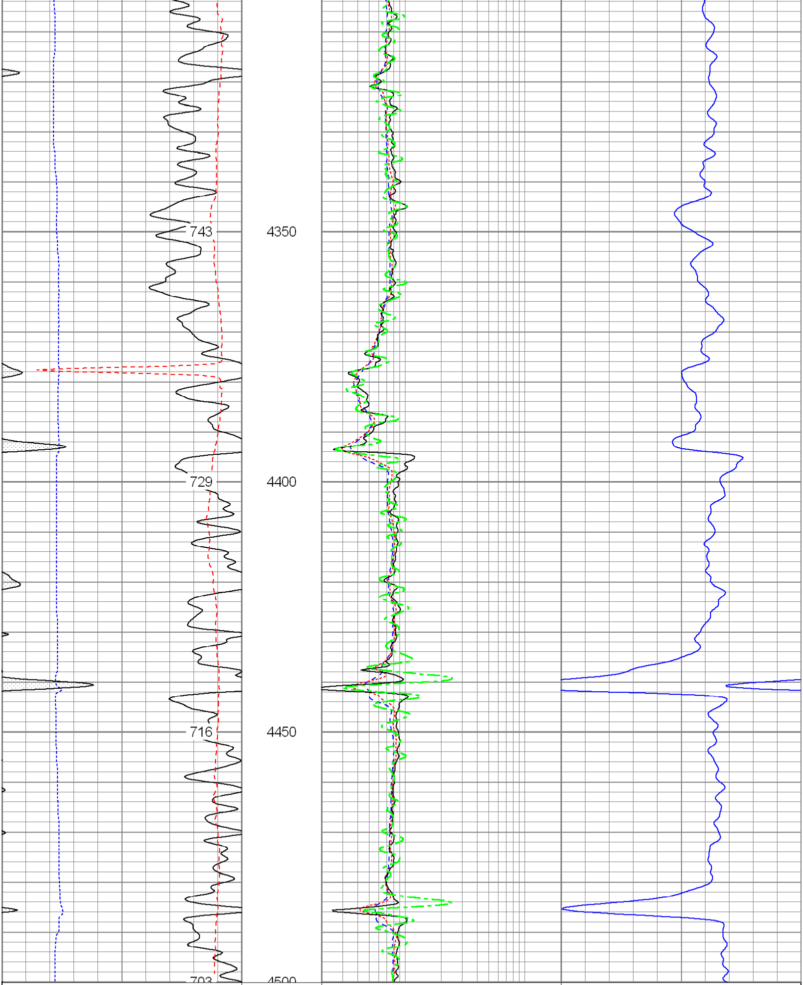

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30	Gamma Ray (GAPI)	130
30	SP (mV)	130
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2	Shallow Resistivity (Ohm-m)	200
2	Rt (Ohm-m)	200
20	Density Porosity (pu)	0
20	Neutron Porosity (pu)	0

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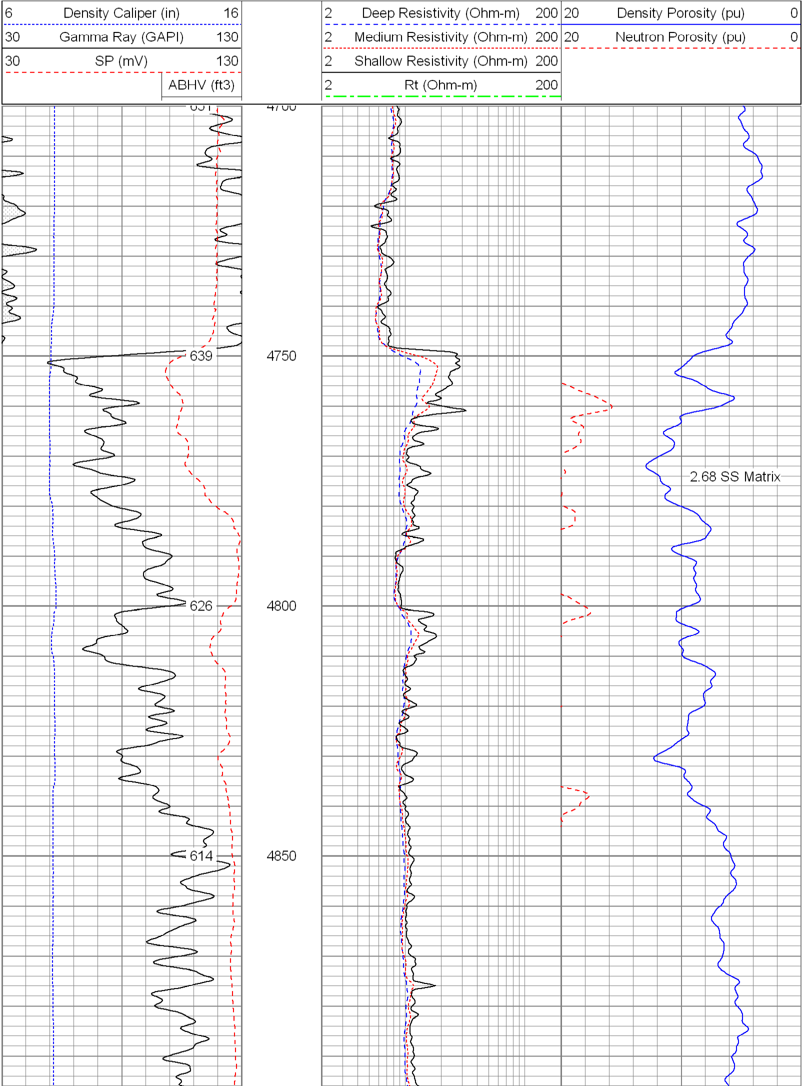

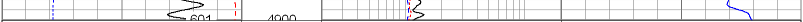

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30 Gamma Ray (GAPI) 130
30 SP (mV) 130
ABHV (ft3)

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

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6 Caliper (in) 16
0 Gamma Ray (GAPI) 200
0 SP (mV) 200

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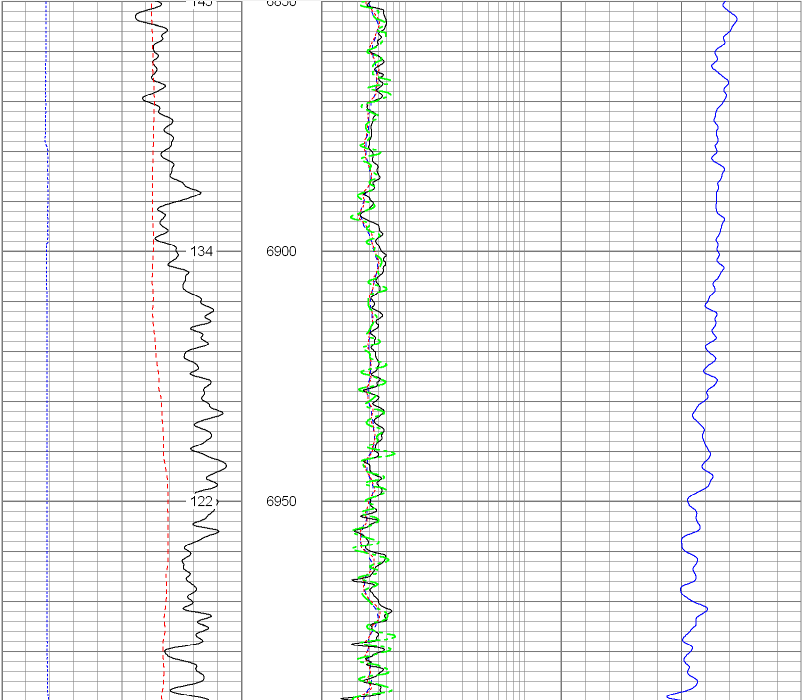
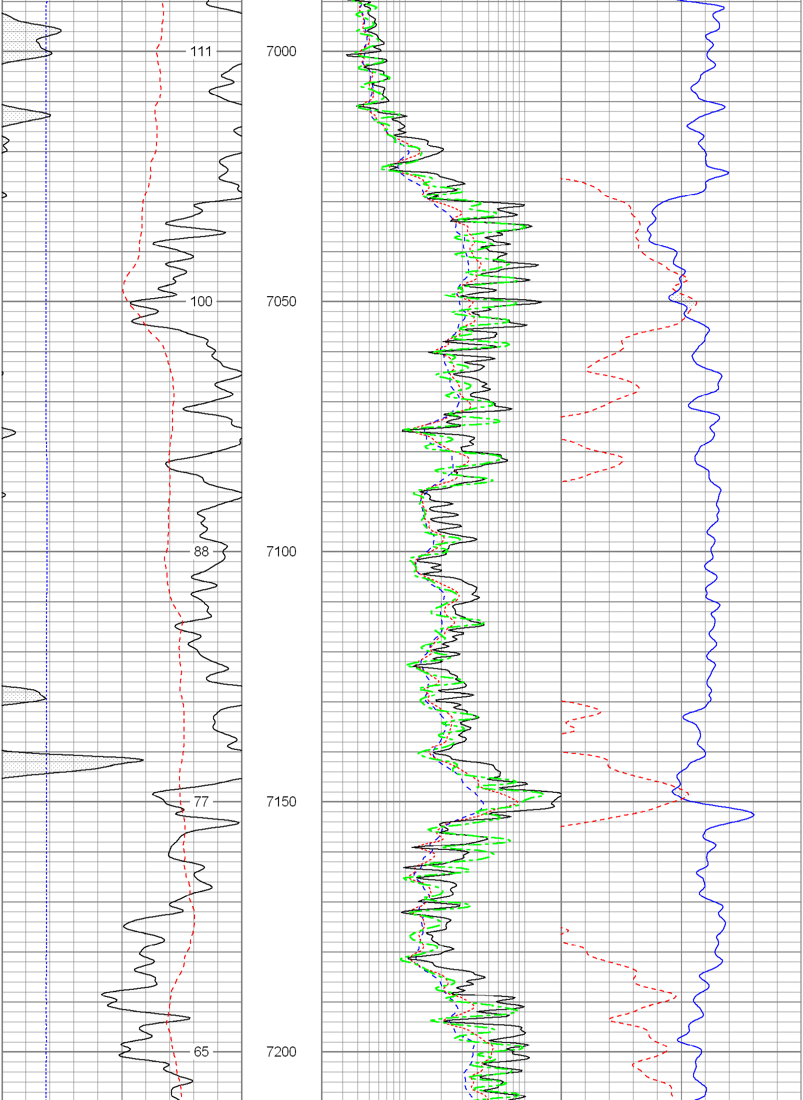
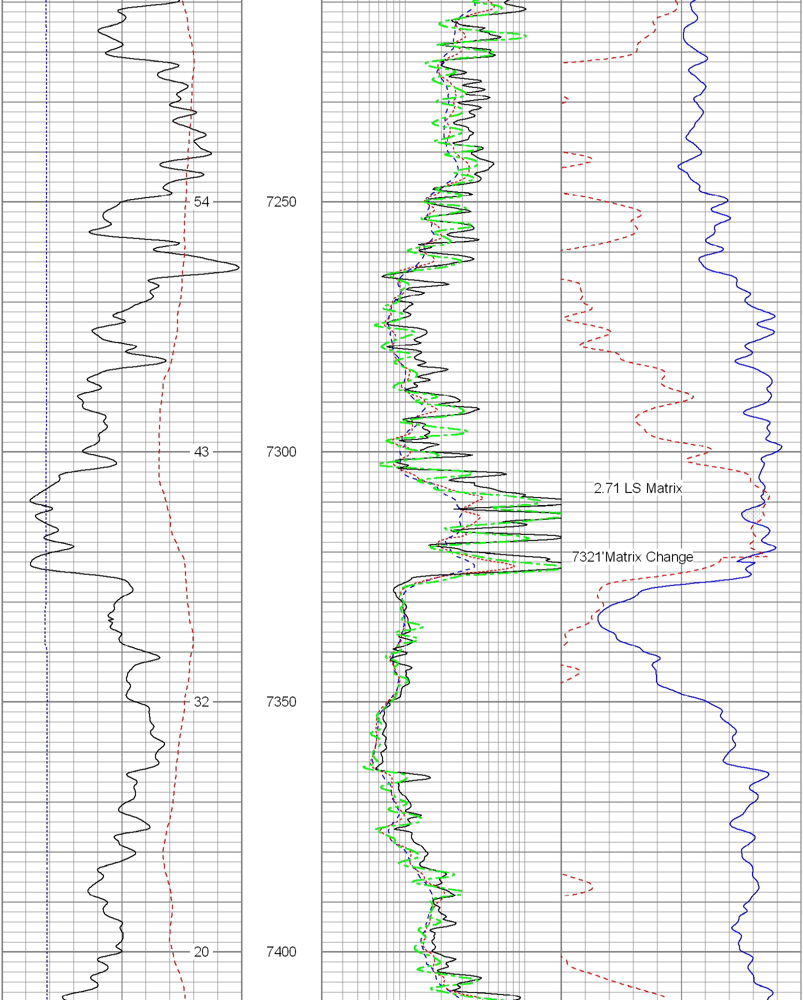
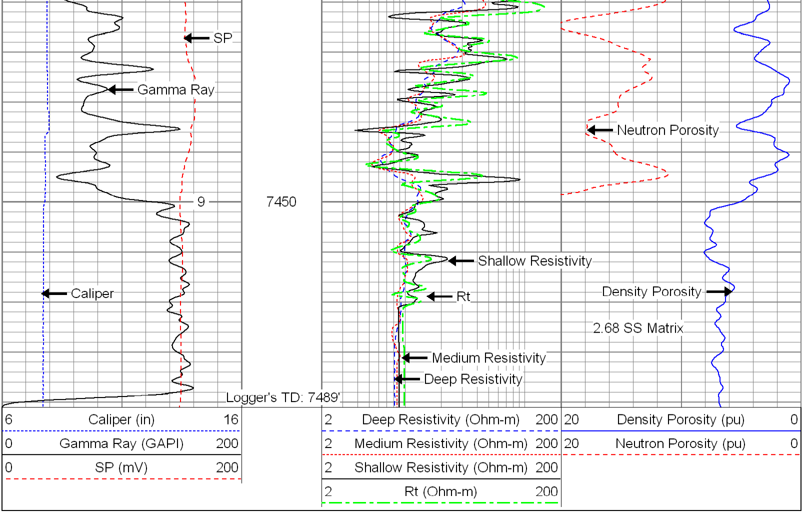
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200

20 Density Porosity (pu) 0
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