PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company	**Sundance Energy Inc.**		
Well	**Lamb 42-15**		
Field	**Wattenberg**		
County	**Weld**	State/Province	**Colorado**

Location
SHL: 1330' FNL & 1319' FEL SENE
BHL: 1996' FNL & 670' FEL SENE
Sec - 15, Twp - 4N, Rge - 68W

Other Services
None

Permanent Datum	GL	Elevation	4941
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4957
D.F. 4956
G.L. 4941

Date	May 31, 2012		
Run Number	1		
Depth Driller	7183		
Depth Logger	7177		
Bottom Logged Interval	7177		
Top Log Interval	Casing		
Casing Driller	549		
Casing Logger	549		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.3 / 50		
pH / Fluid Loss	8.0 / NA		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.45 @ 71° F		
Rmf @ Meas. Temp	2.76 @ 71° F		
Rmc @ Meas. Temp	4.14 @ 71° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.19 @ 205° F		
Time Circulation Stopped	1130		
Time Logger on Bottom	2000		
Maximum Recorded Temperature	205° F		
Equipment Number	52		
Location	Brighton, CO		
Recorded By	Matt Gill	Clint Christensen	
Witnessed By	Dean Rogers		

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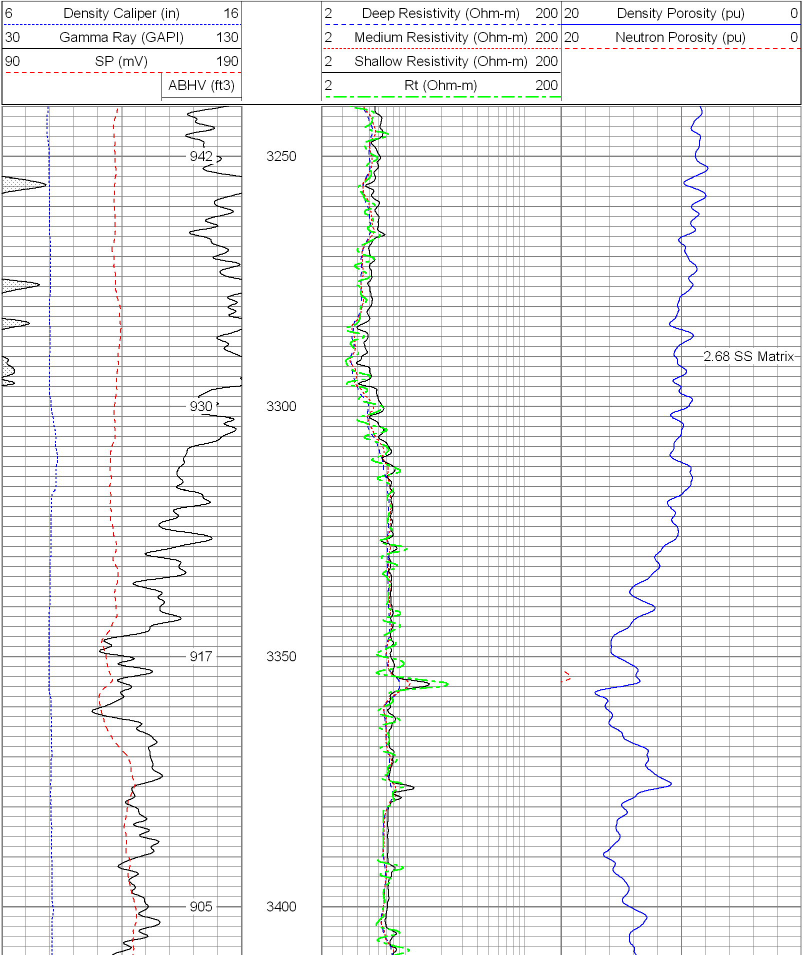
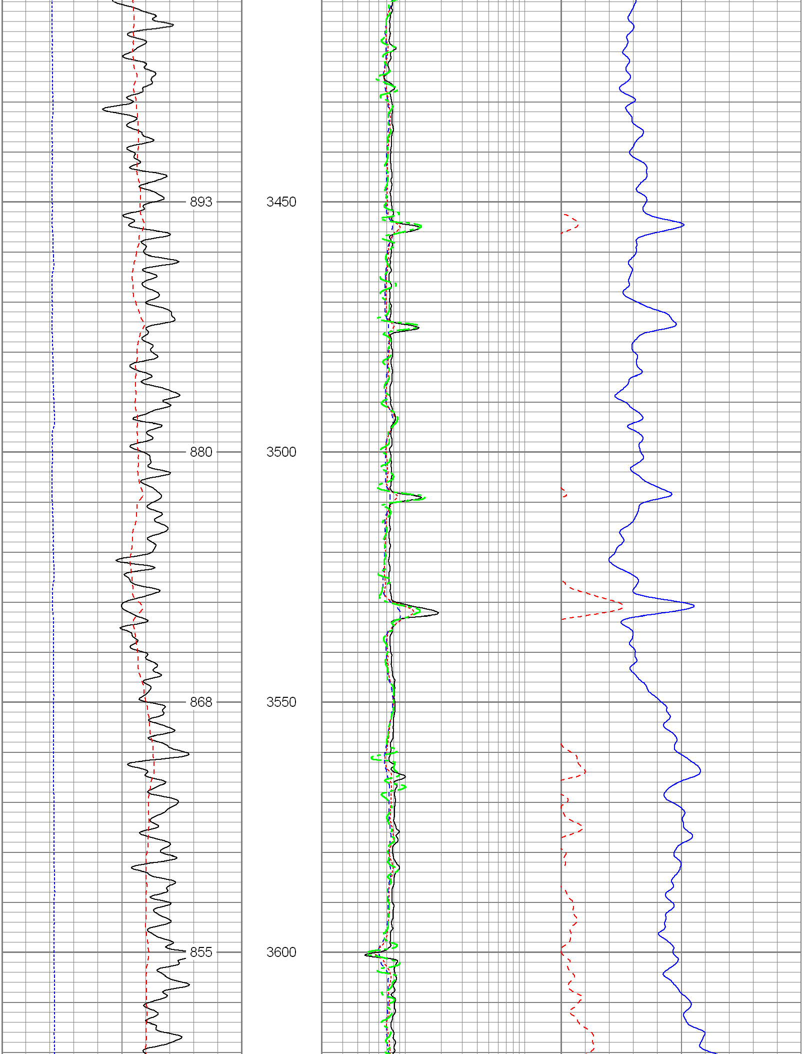
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

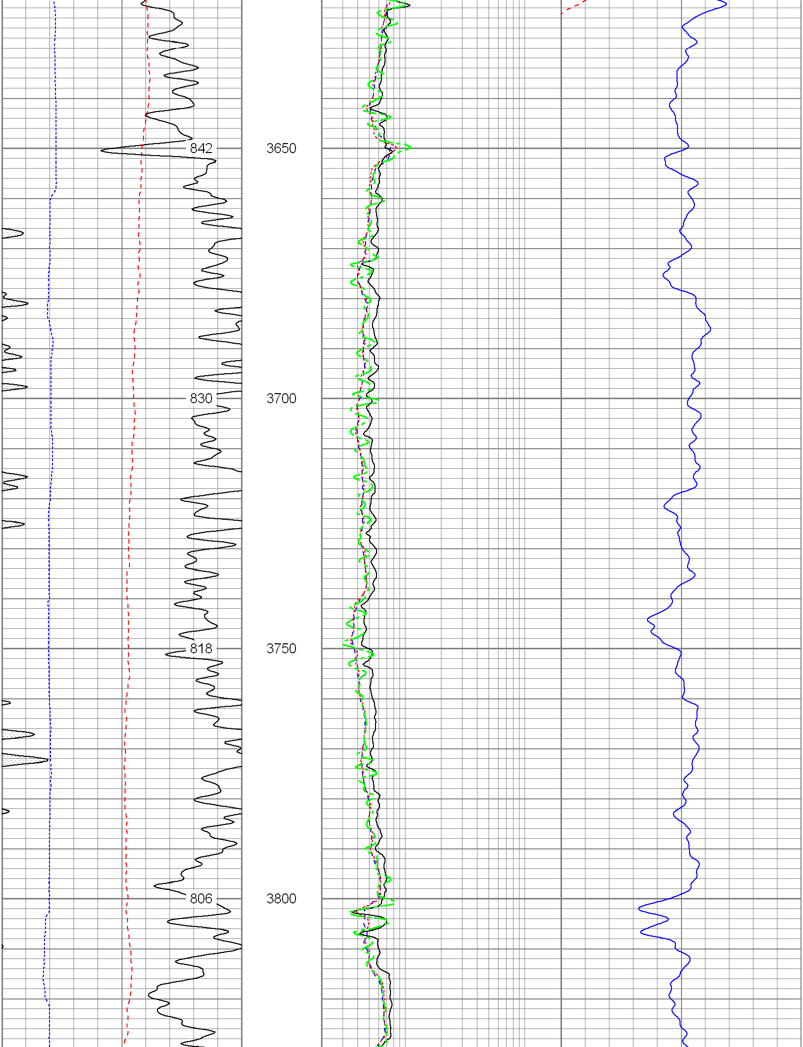
Comments

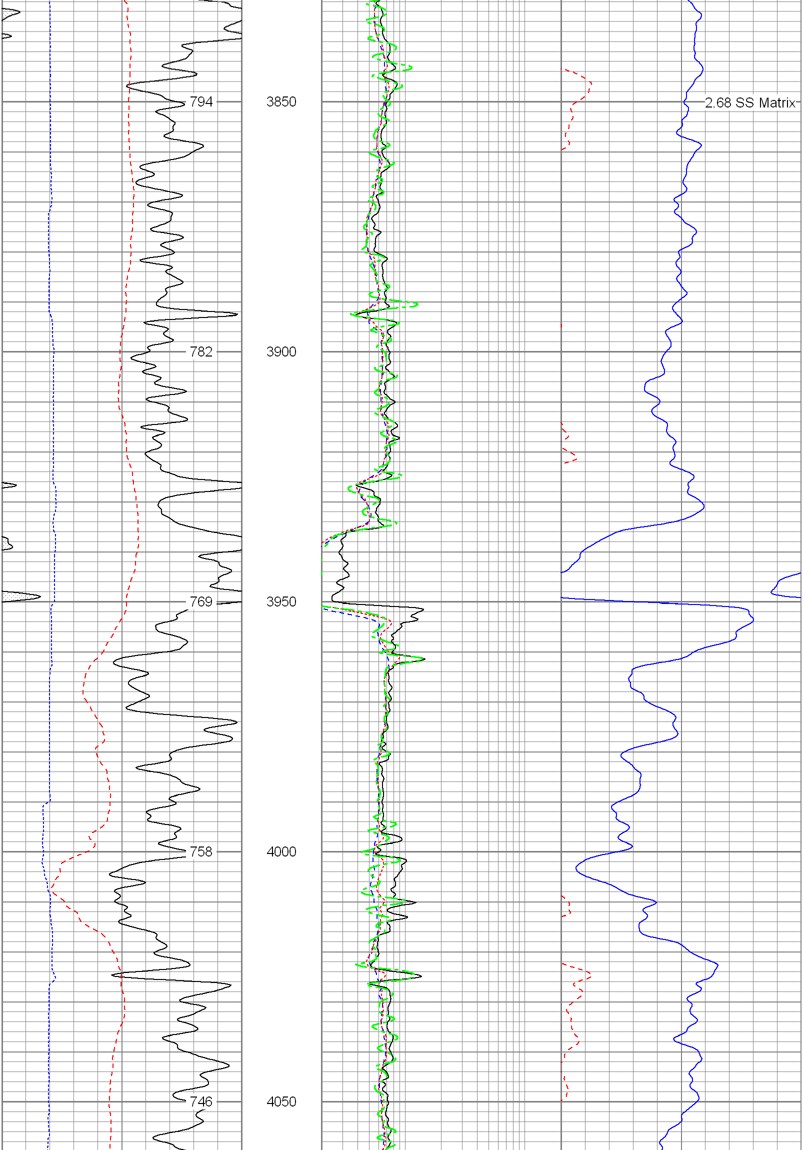
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 55
Thank you for using Phoenix Surveys.
API #: 05-123-34983-00

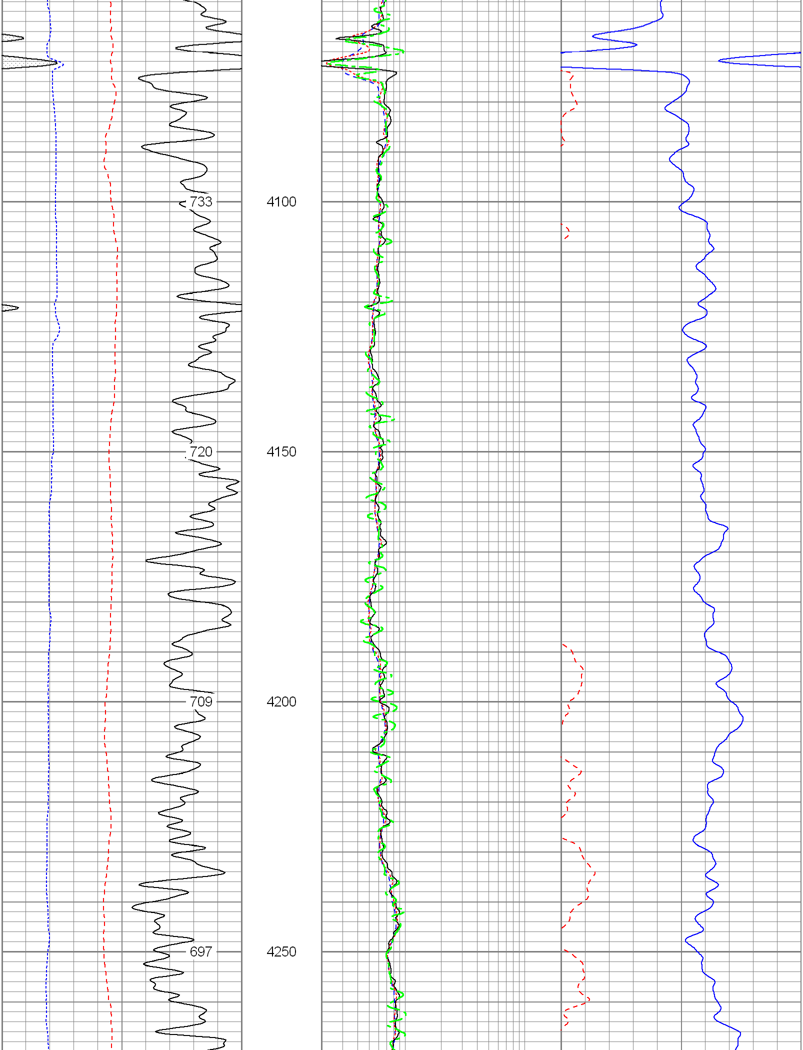
Database File:	12899.db
Dataset Pathname:	final
Presentation Format:	pdc1
Dataset Creation:	Thu May 31 19:38:09 2012
Charted by:	Depth in Feet scaled 1:240

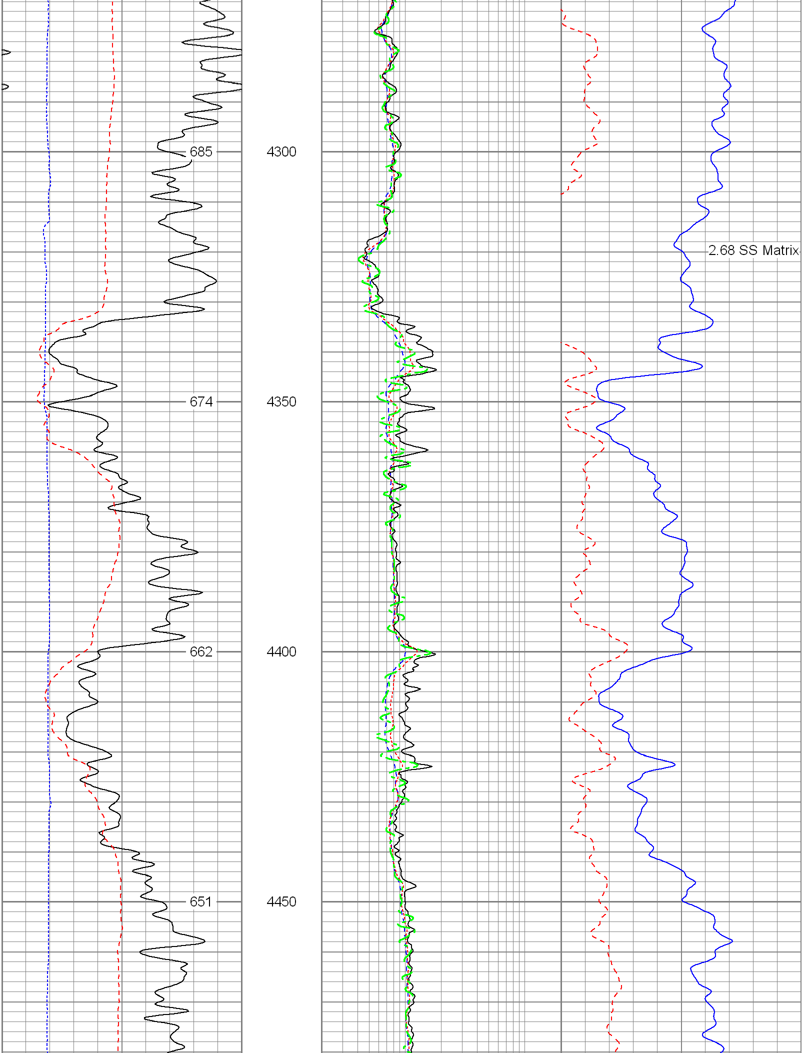


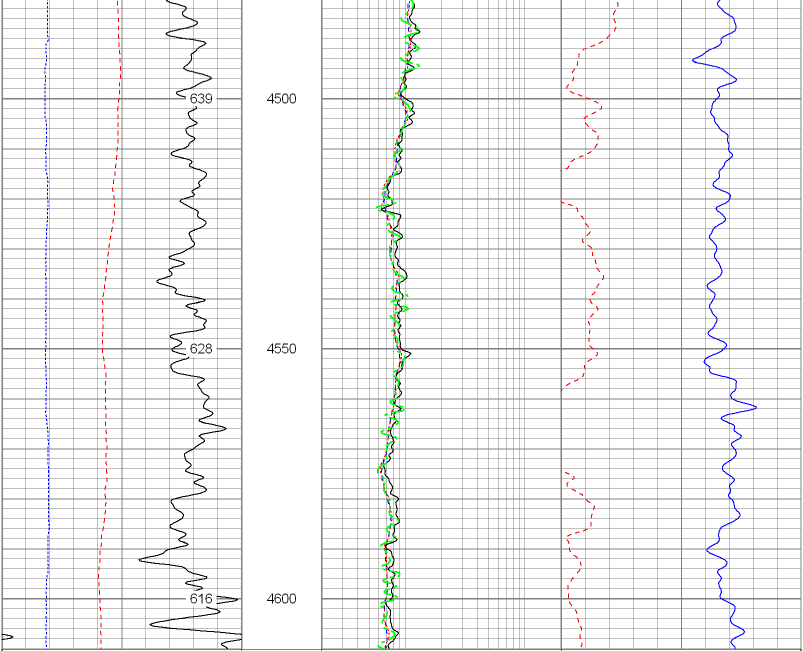












6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
90 SP (mV) 190	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)	2 Rt (Ohm-m) 200	

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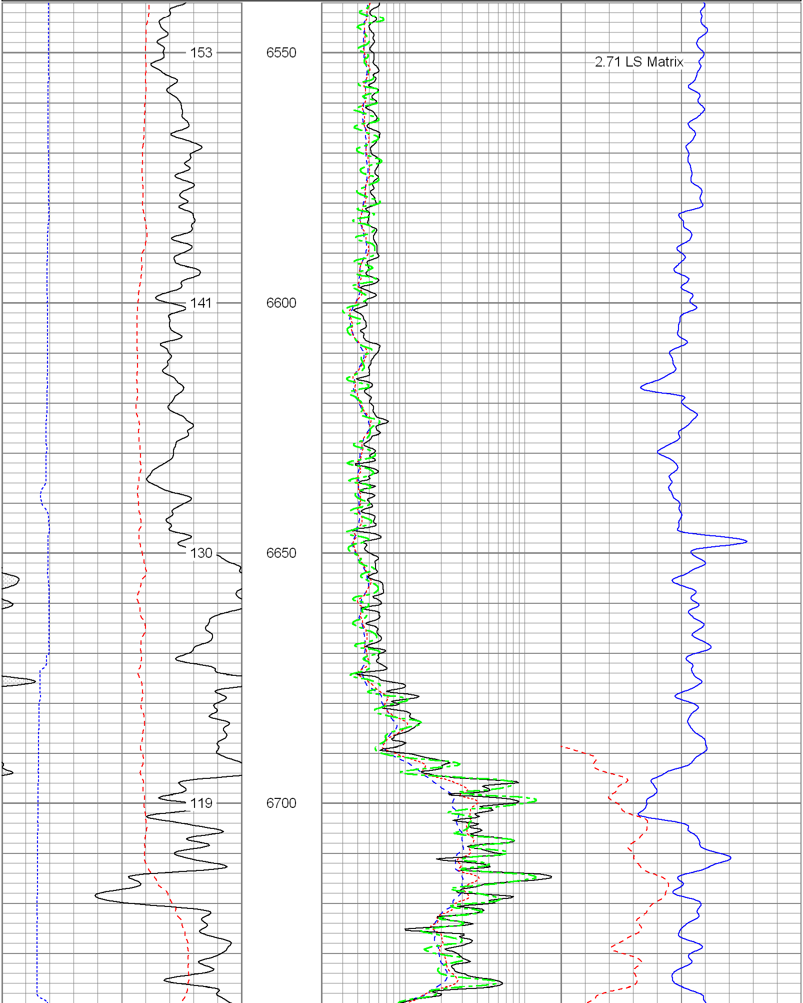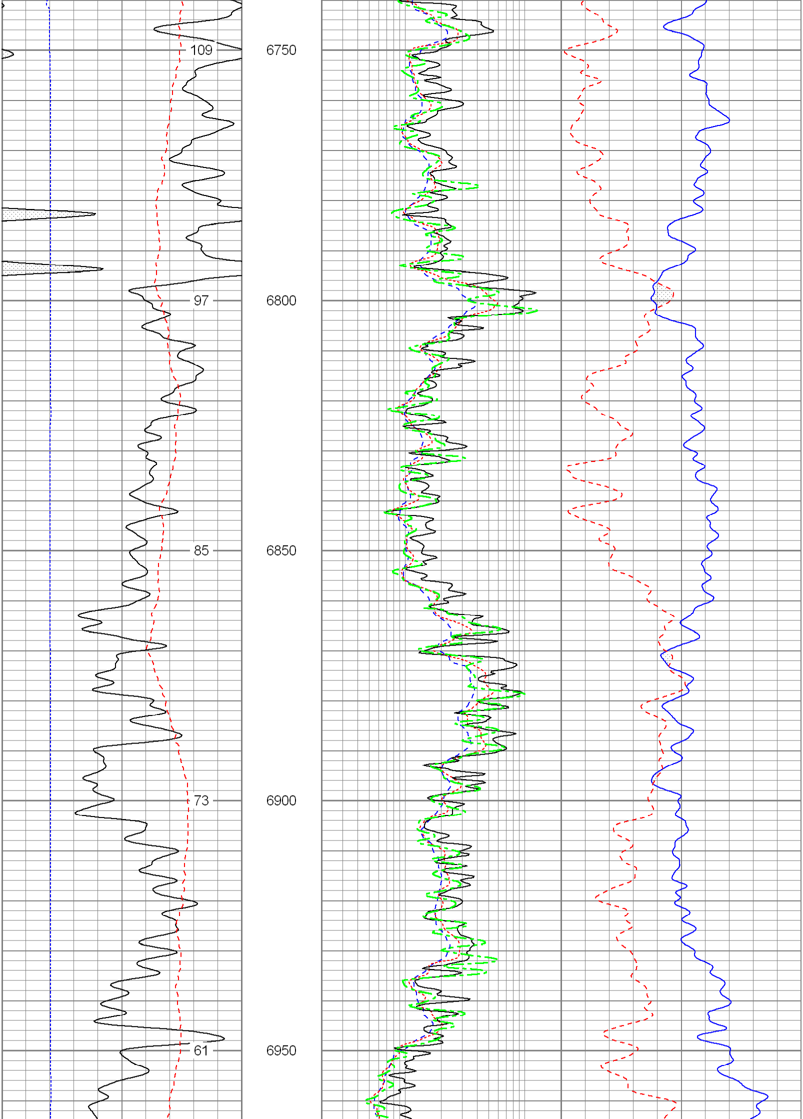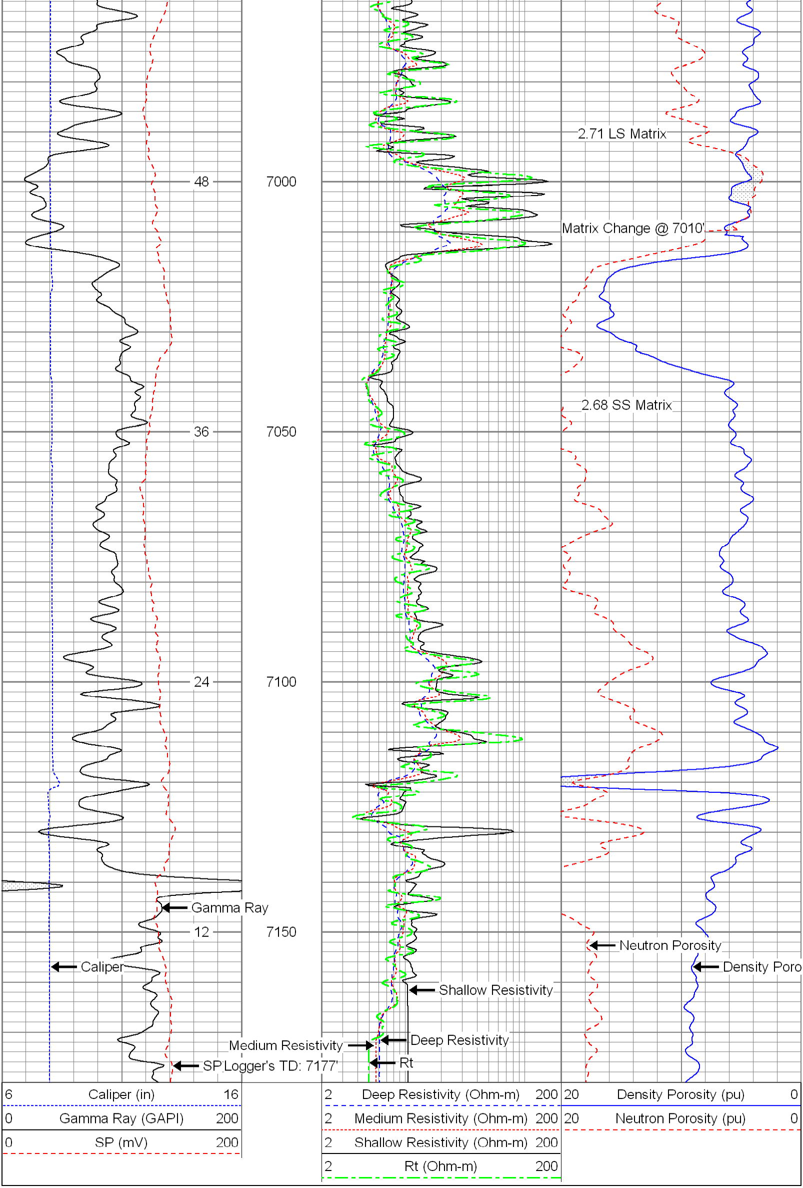6 Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
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	2 Rt (Ohm-m) 200