PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company Bonanza Creek Operating Co. LLC
Well North Platte 24A
Field Wattenberg
County Weld **State/Province** Colorado

Location
1320' FNL & 1320' FWL
NWNW
Sec - 24, Twp - 5N, Rge - 63W

Other Services
None

Permanent Datum	GL	Elevation	4598
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4608
D.F. 4607
G.L. 4598

Date	April 23, 2010		
Run Number	1		
Depth Driller	6701		
Depth Logger	6725		
Bottom Logged Interval	6725		
Top Log Interval	Casing		
Casing Driller	412		
Casing Logger	412		
Bit Size	7-7/8"		
Type Fluid in Hole	Polymer Gel		
Density / Viscosity	8.8 / 55		
pH / Fluid Loss	8.5 / 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.31 @ 67° F		
Rmf @ Meas. Temp	2.65 @ 67° F		
Rmc @ Meas. Temp	3.97 @ 67° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.17 @ 202° F		
Time Circulation Stopped	0315		
Time Logger on Bottom	1330		
Maximum Recorded Temperature	202° F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Kerry Mccowen	Marshall Dacon	Brian Cunningham

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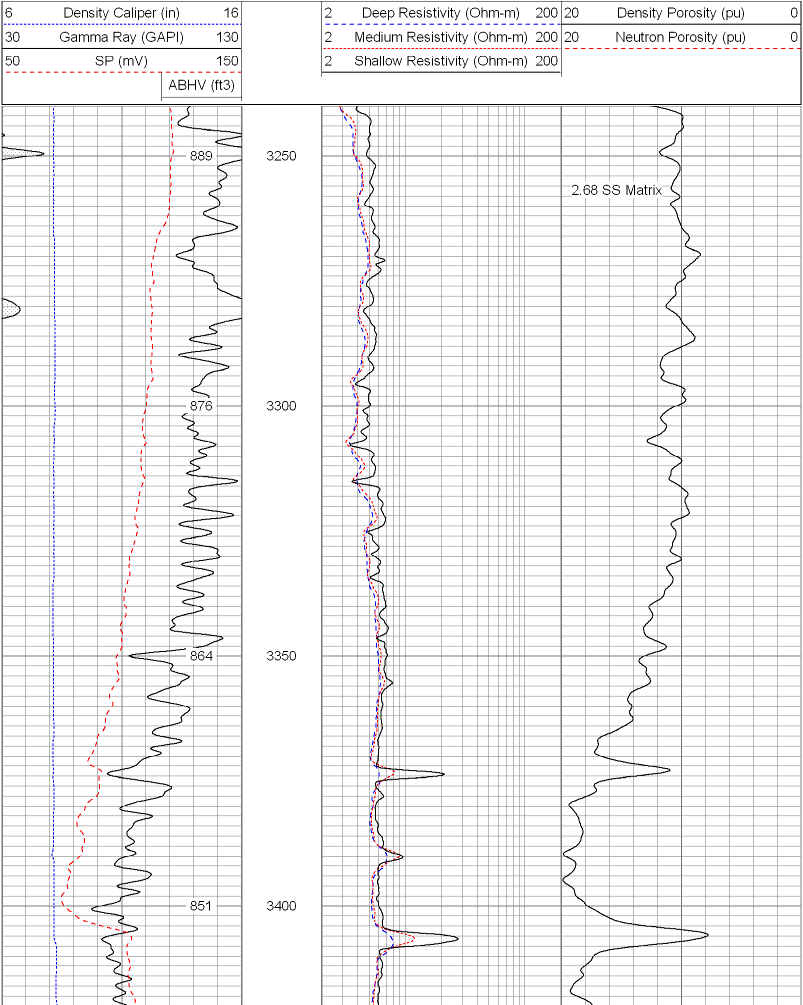
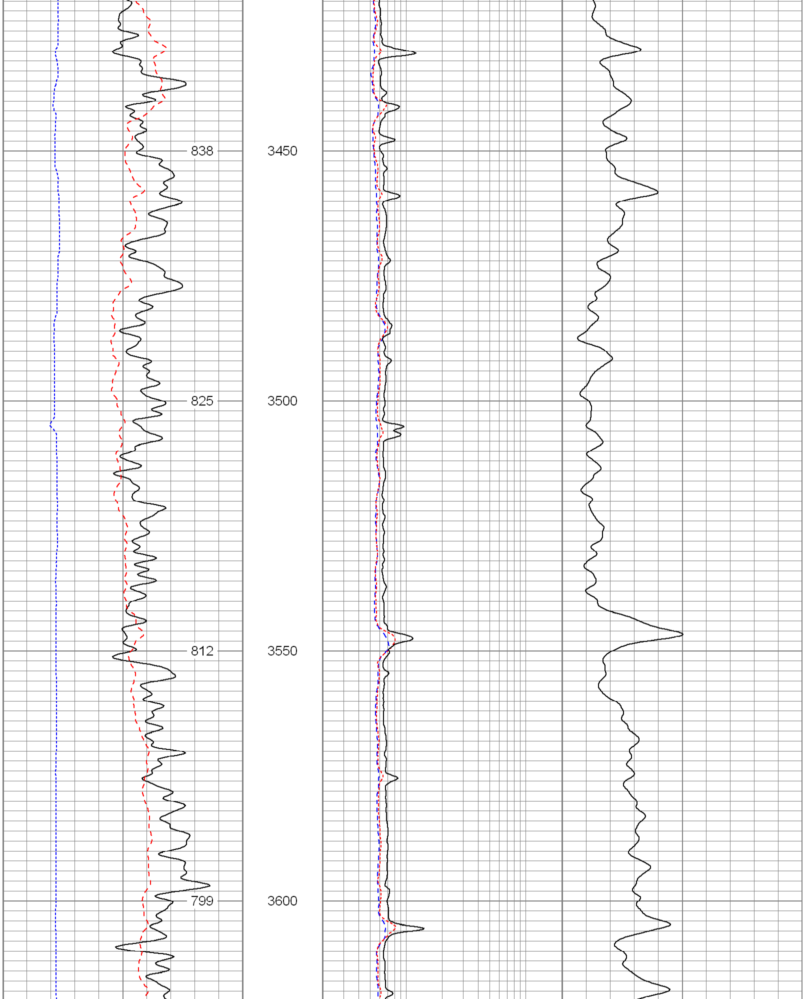
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

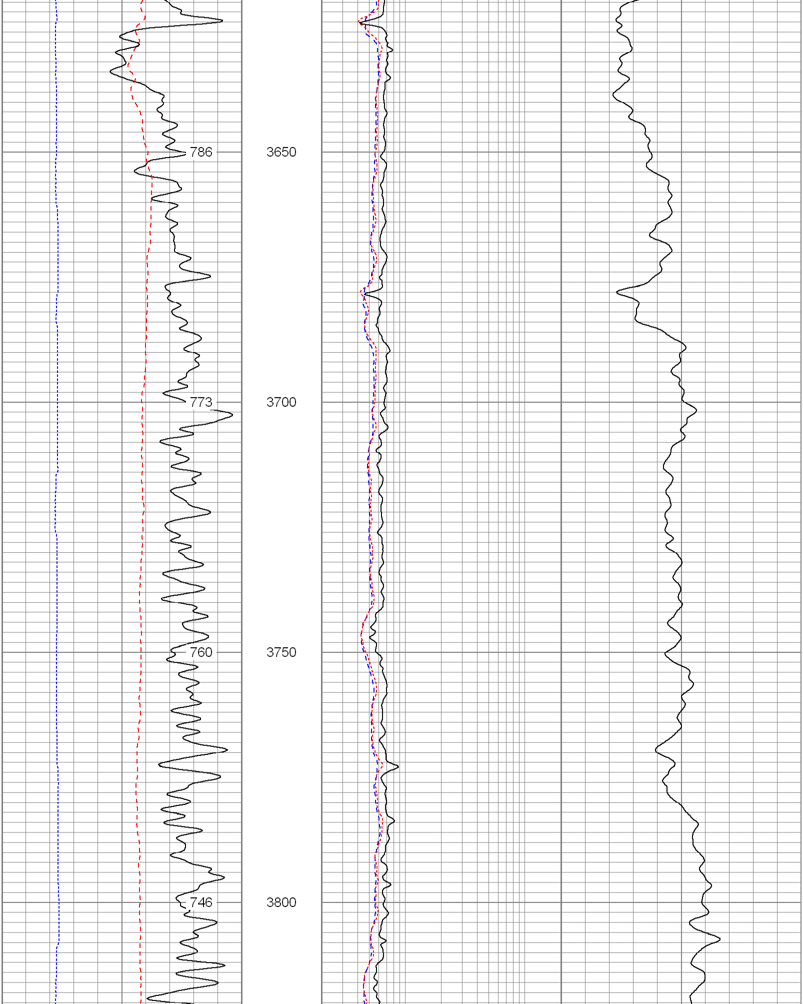
Comments

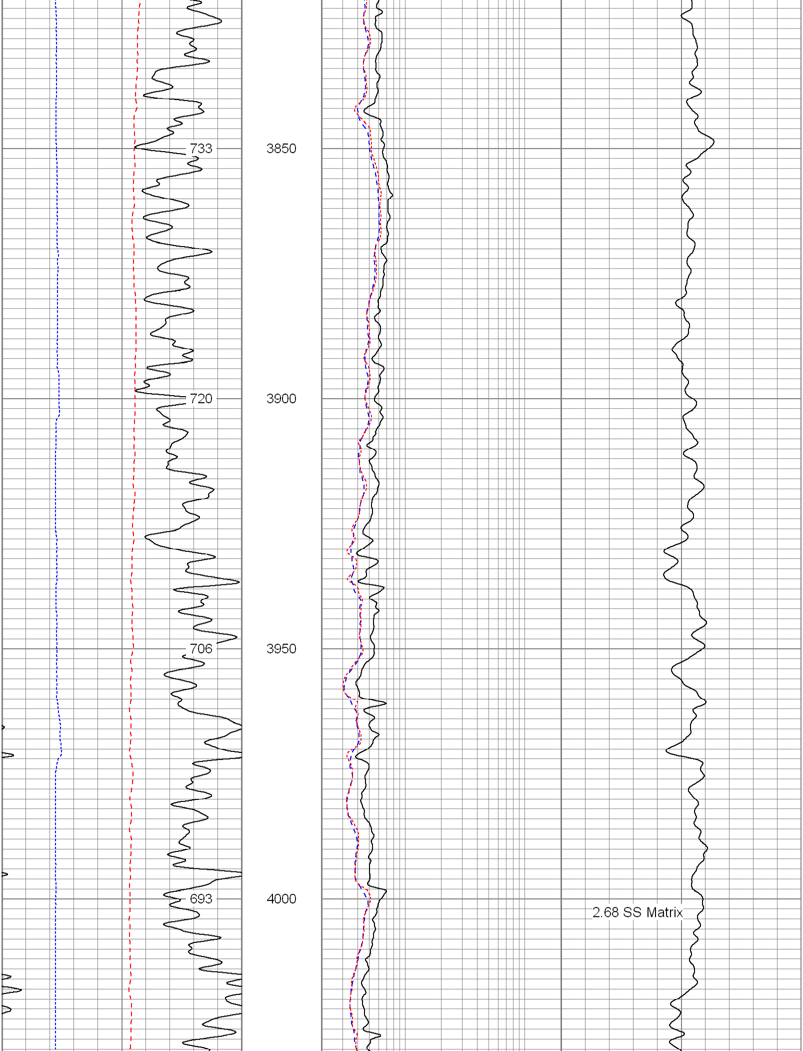
Annular volume calculated for 4.5" casing
Mid-Continent Rig 1
Thank you for using Phoenix Surveys!!
API #: 05-123-30515-00

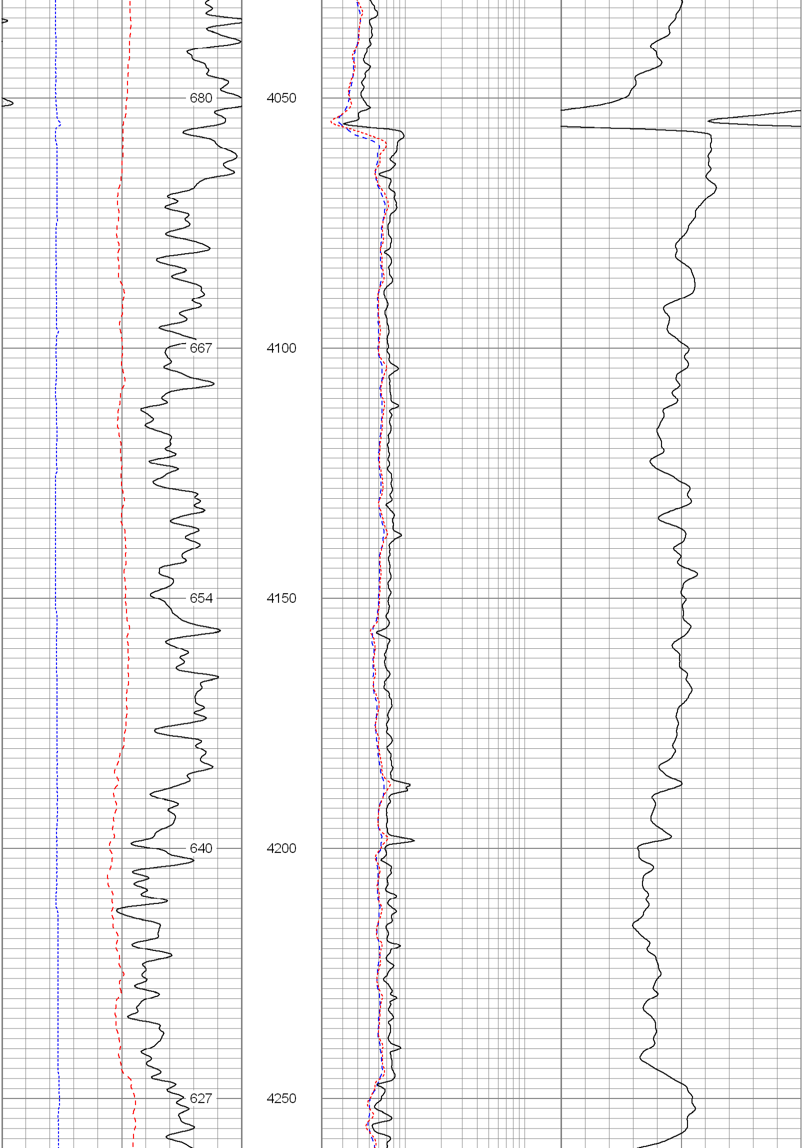
Database File: 10471.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Fri Apr 23 14:03:53 2010
Charted by: Depth in Feet scaled 1:240

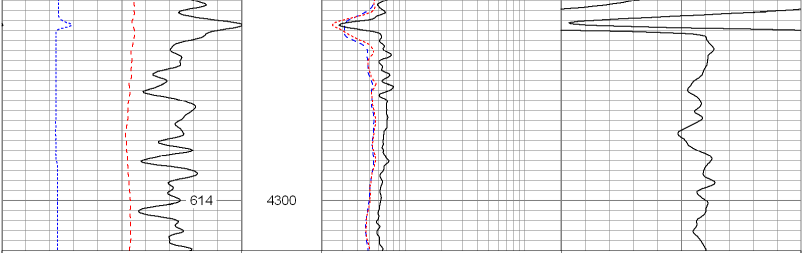












6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
50 SP (mV) 150	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)		

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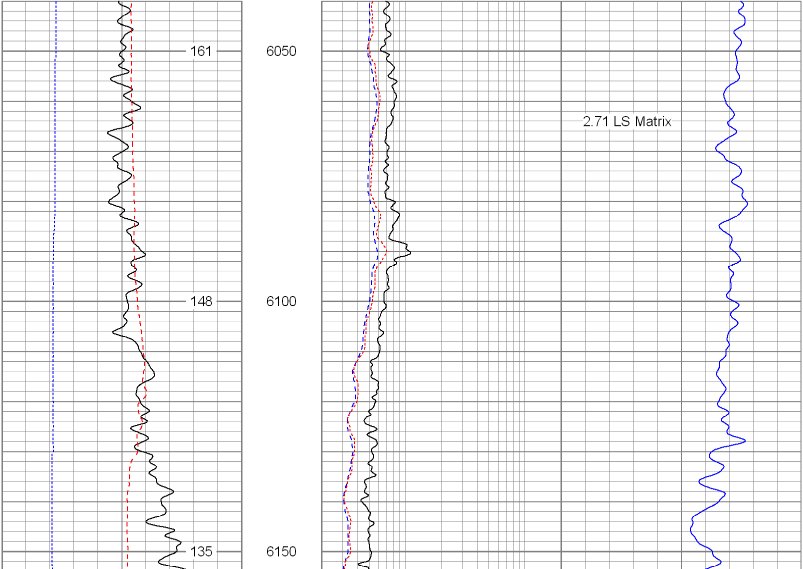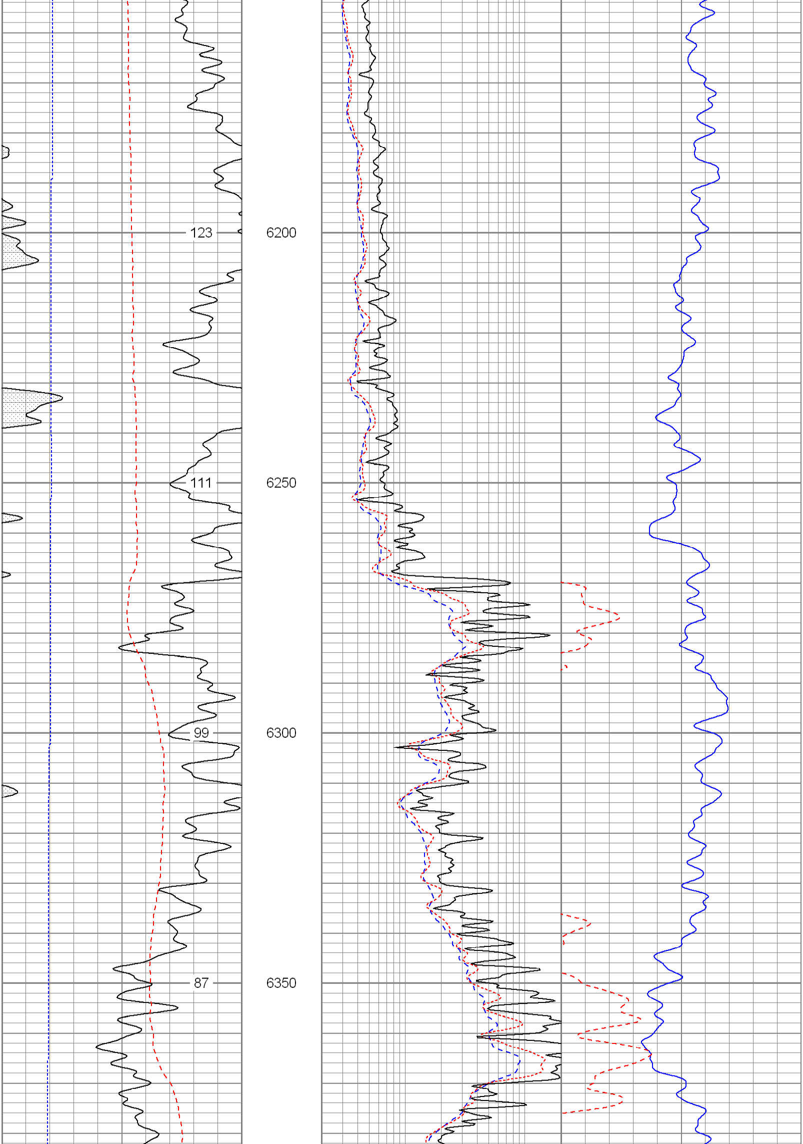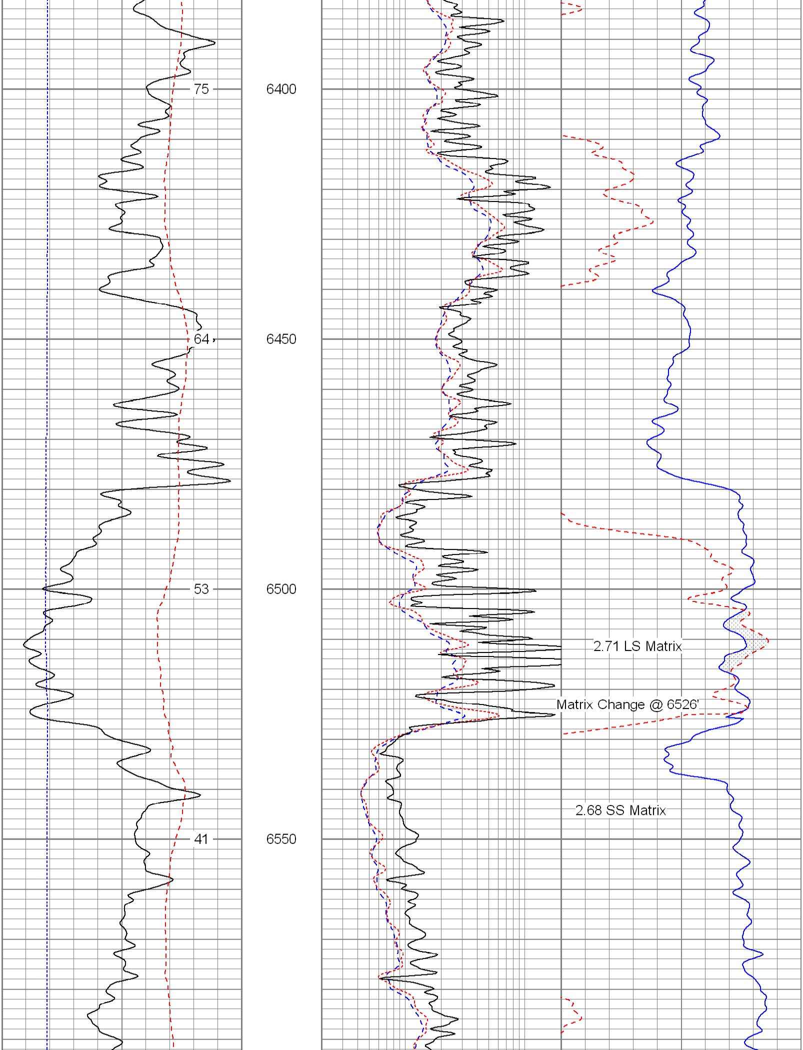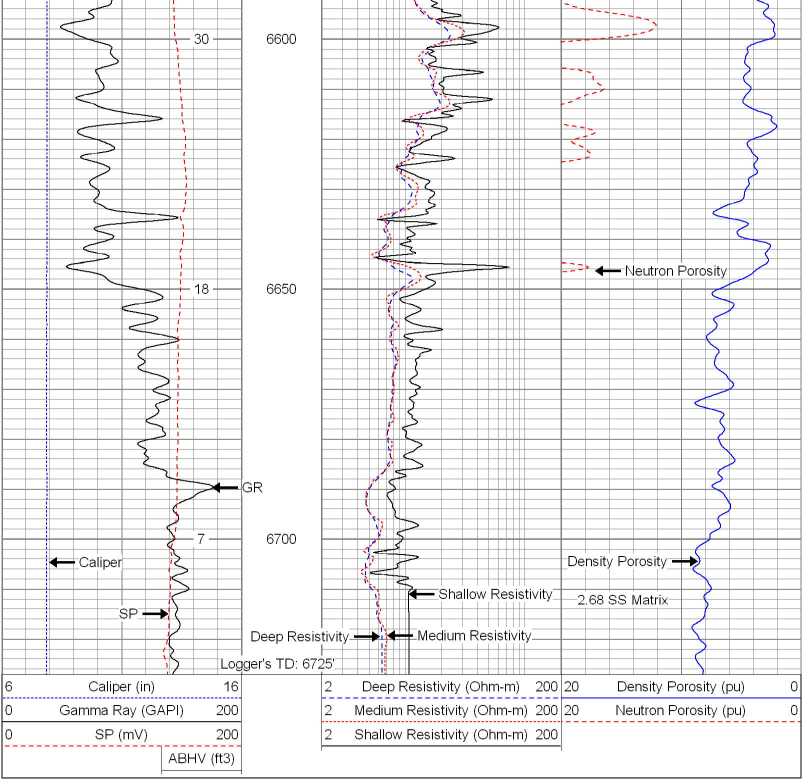6 Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
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