PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company Bonanza Creek Energy, Inc.

Well Antelope 41-17

Field Wattenberg

County Weld **State/Province** Colorado

Location
660' FNL & 660' FEL
NENE
Sec. 17, Twp. 5N, Rge. 62W

Other Services
None

Elevation
K.B. 4718
D.F. 4717
G.L. 4708

Permanent Datum	GL	Elevation	4708
Log Measured From	KB		
Drilling Measured From	KB		

Date	August 10, 2011		
Run Number	1		
Depth Driller	6737		
Depth Logger	6743		
Bottom Logged Interval	6743		
Top Log Interval	Casing		
Casing Driller	515		
Casing Logger	515		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.0 / 40		
pH / Fluid Loss	9.0 / 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.00 @ 100 F		
Rmf @ Meas. Temp	1.70 @ 100 F		
Rmc @ Meas. Temp	3.10 @ 100 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.03 @ 195° F		
Time Circulation Stopped	0930		
Time Logger on Bottom	1715		
Maximum Recorded Temperature	195 F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Schuman	Gorney	
Witnessed By	Adams		

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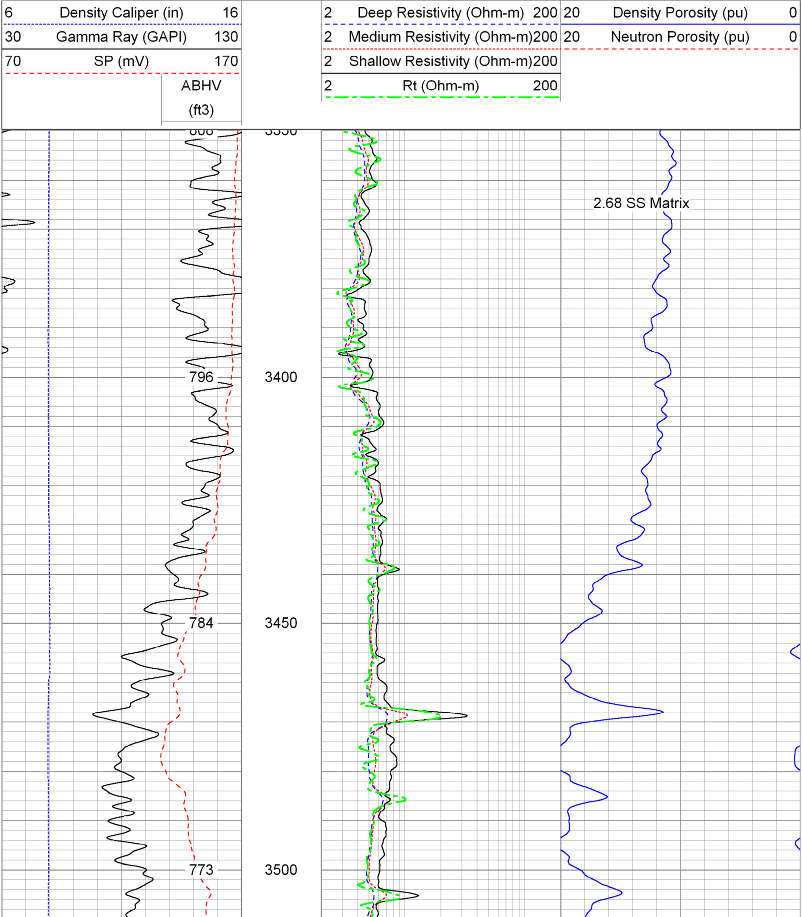
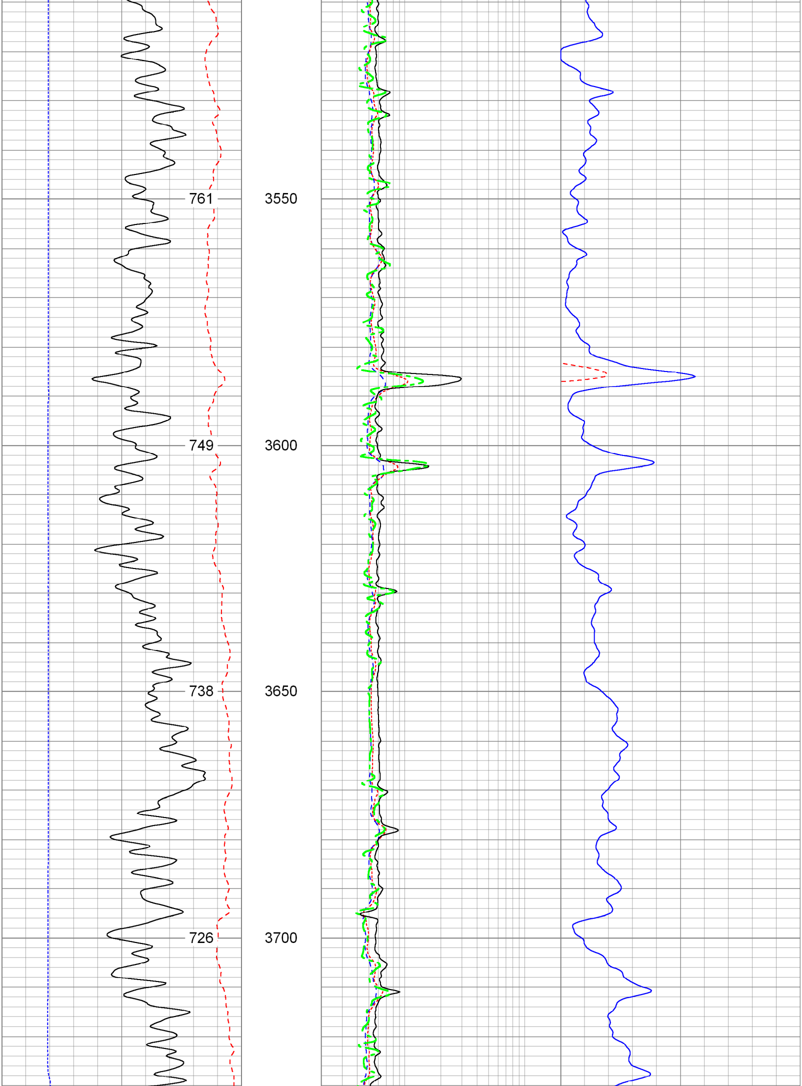
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

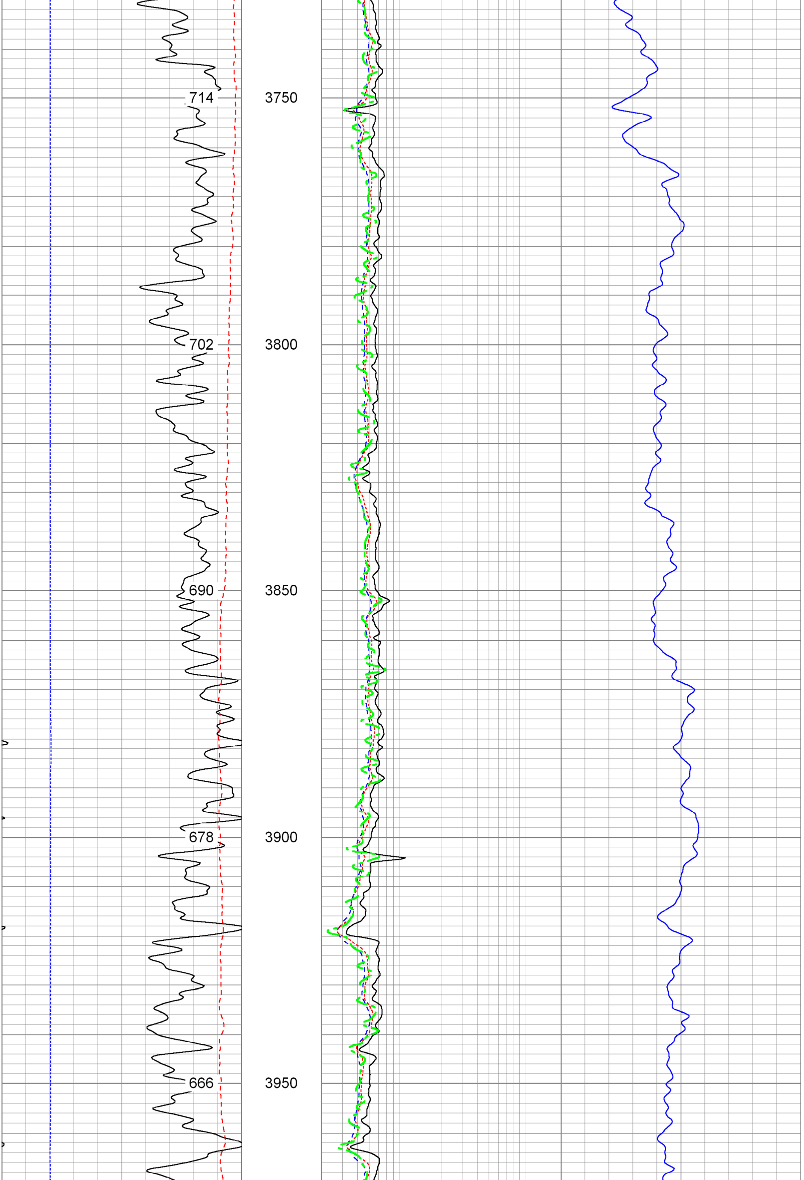
Comments

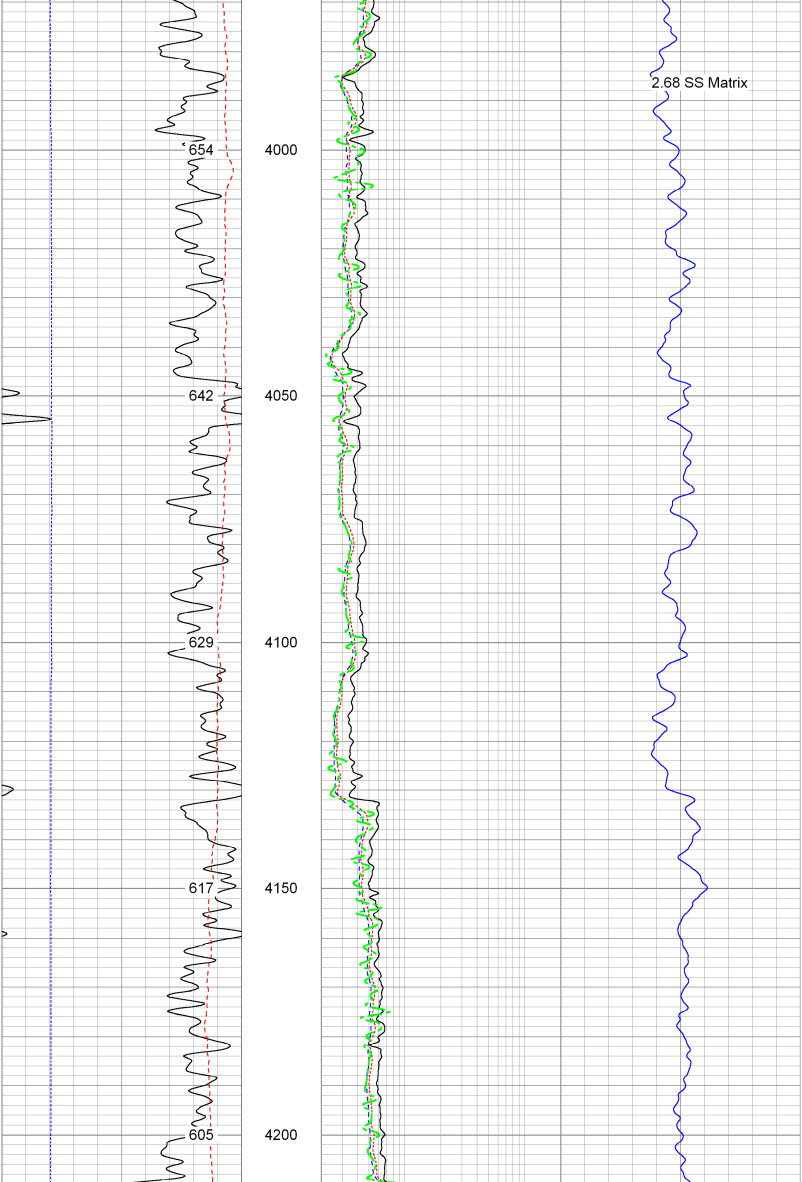
Annular volume calculated for 4-1/2" casing
Mid Continent Rig 1
Thank you for using Phoenix Surveys!!
API #: 05-123-33716

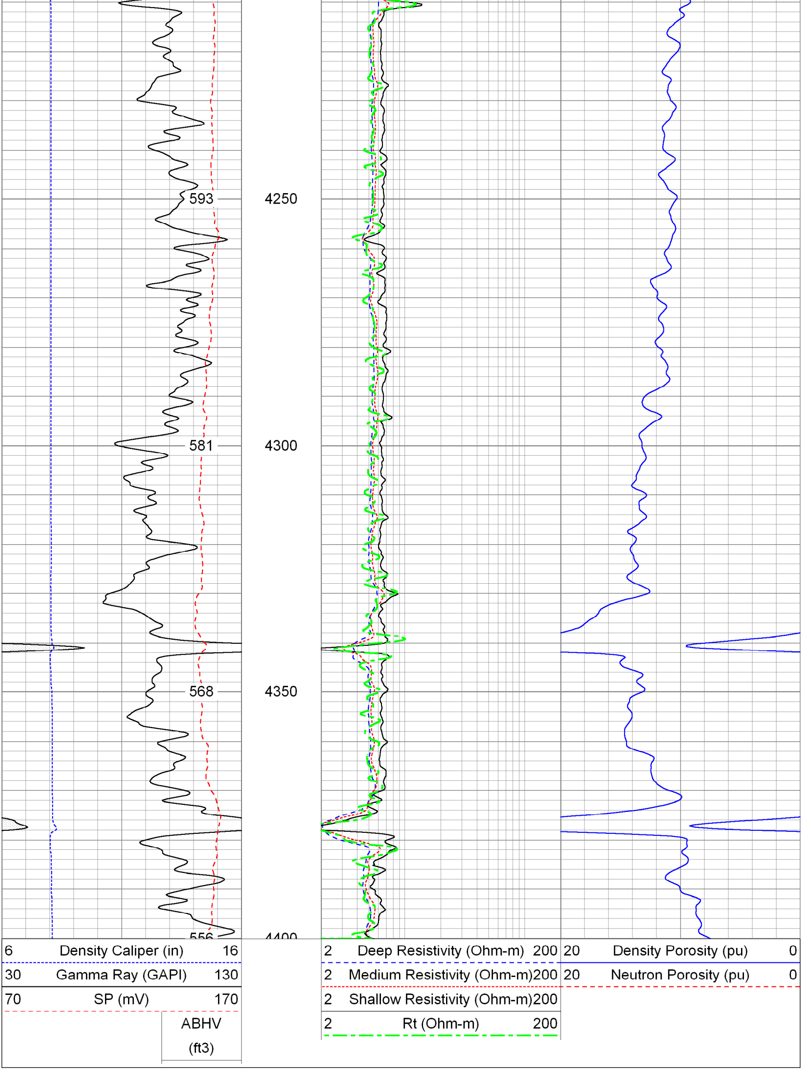
Database File: e:\11934\11934.db
Dataset Pathname: main
Presentation Format: pdc1
Dataset Creation: Wed Aug 10 18:06:33 2011
Charted by: Depth in Feet scaled 1:240











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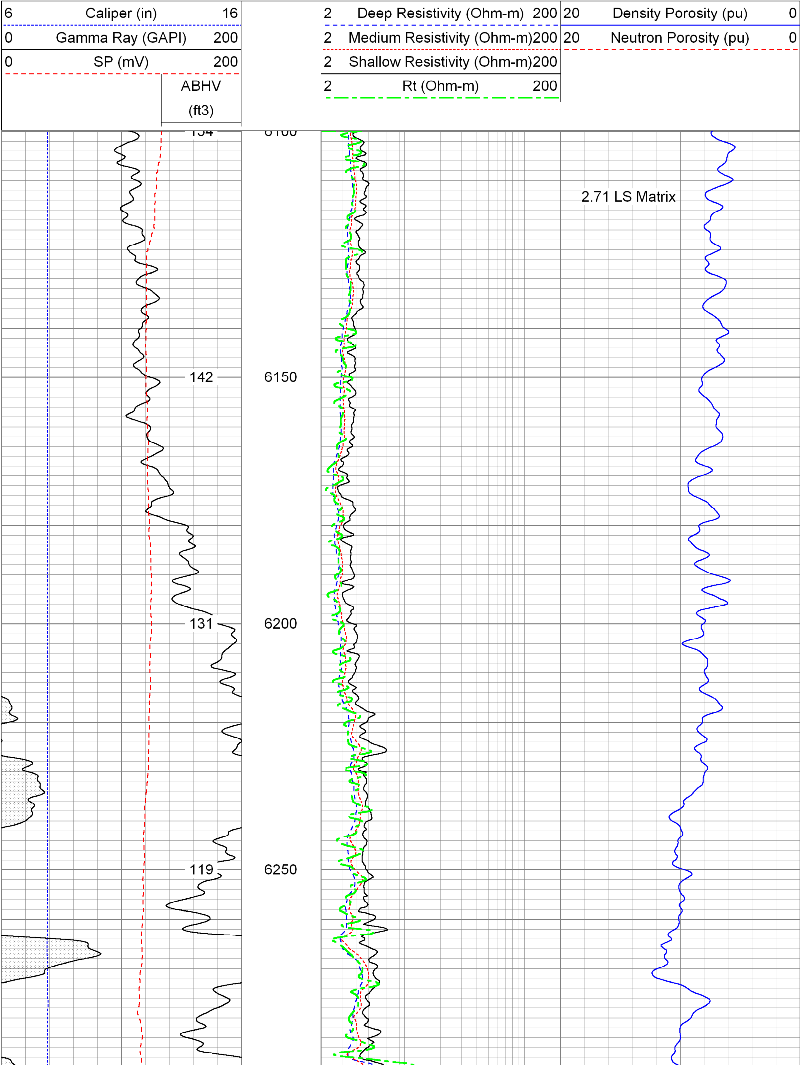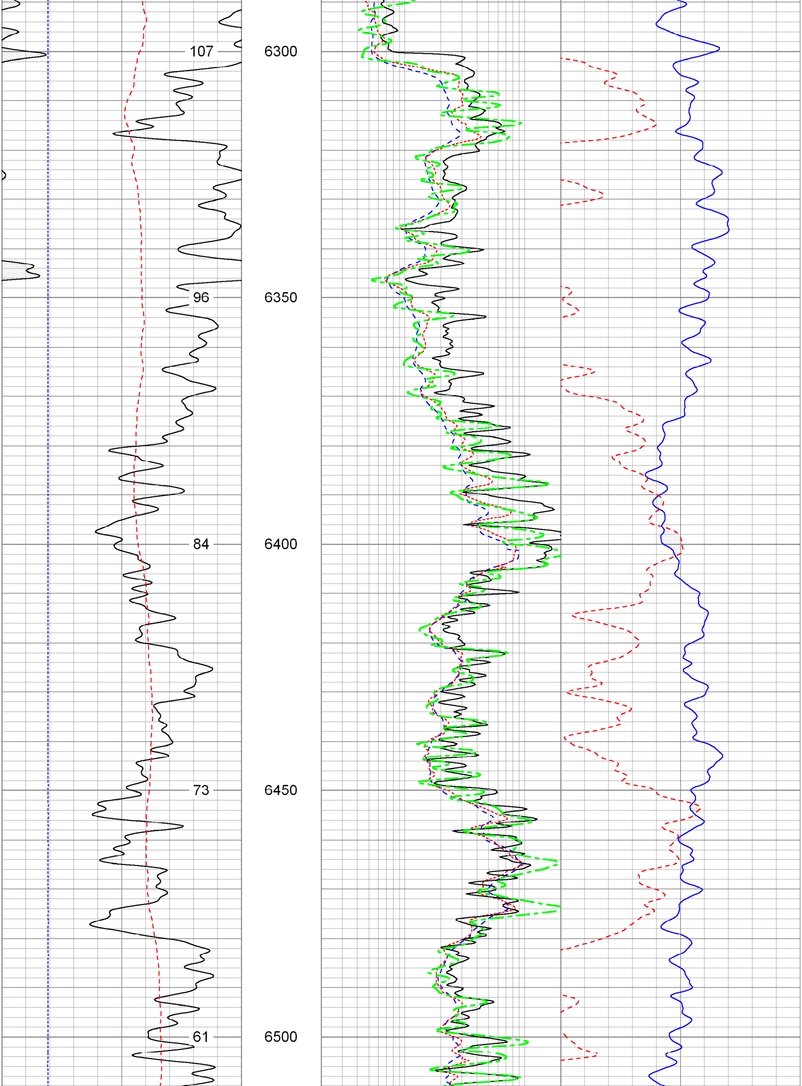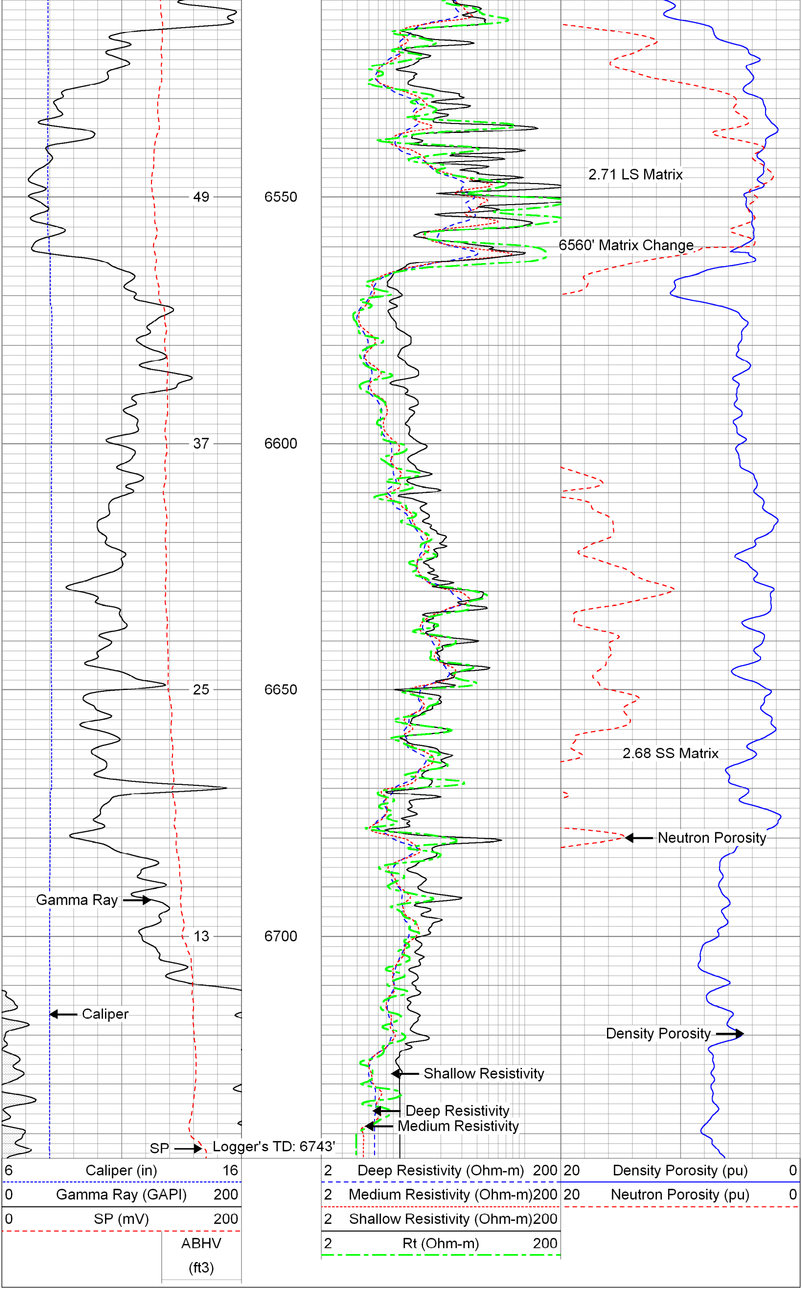
6 Caliper (in) 16
0 Gamma Ray (GAPI) 200
0 SP (mV) 200
ABHV
(ft3)
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0
2.71 LS Matrix
142
131
119
6150
6200
6250