PSI
PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company	Bonanza Creek Operating Co. LLC
Well	Antelope 13-17
Field	Wattenberg
County	Weld
State/Province	Colorado
Location	2046' FSL & 761' FWL NW SW Sec. 17, Twp. 5N, Rge. 62W
Other Services	None

Permanent Datum	GL	Elevation	4673
Log Measured From	KB	Elevation	K.B. 4683 D.F. 4682 G.L. 4673
Drilling Measured From	KB		

Company
Well
Field
County
State/Prv

Date	May 5, 2011
Run Number	1
Depth Driller	6732
Depth Logger	6736
Bottom Logged Interval	6736
Top Log Interval	Casing
Casing Driller	422
Casing Logger	438
Bit Size	7-7/8"
Type Fluid in Hole	Chem Gel
Density / Viscosity	9.2 / 45
pH / Fluid Loss	9.0 / 9.6
Source of Sample	Flowline
Rm @ Meas. Temp	3.35 @ 67° F
Rmf @ Meas. Temp	2.70 @ 67° F
Rmc @ Meas. Temp	4.01 @ 67° F
Source of Rmf / Rmc	Measure / Calc
Rm @ BHT	1.13 @ 198° F
Time Circulation Stopped	2015 5/4
Time Logger on Bottom	0530
Maximum Recorded Temperature	198° F
Equipment Number	48
Location	Brighton, CO
Recorded By	Randy Conley
Witnessed By	John Adams

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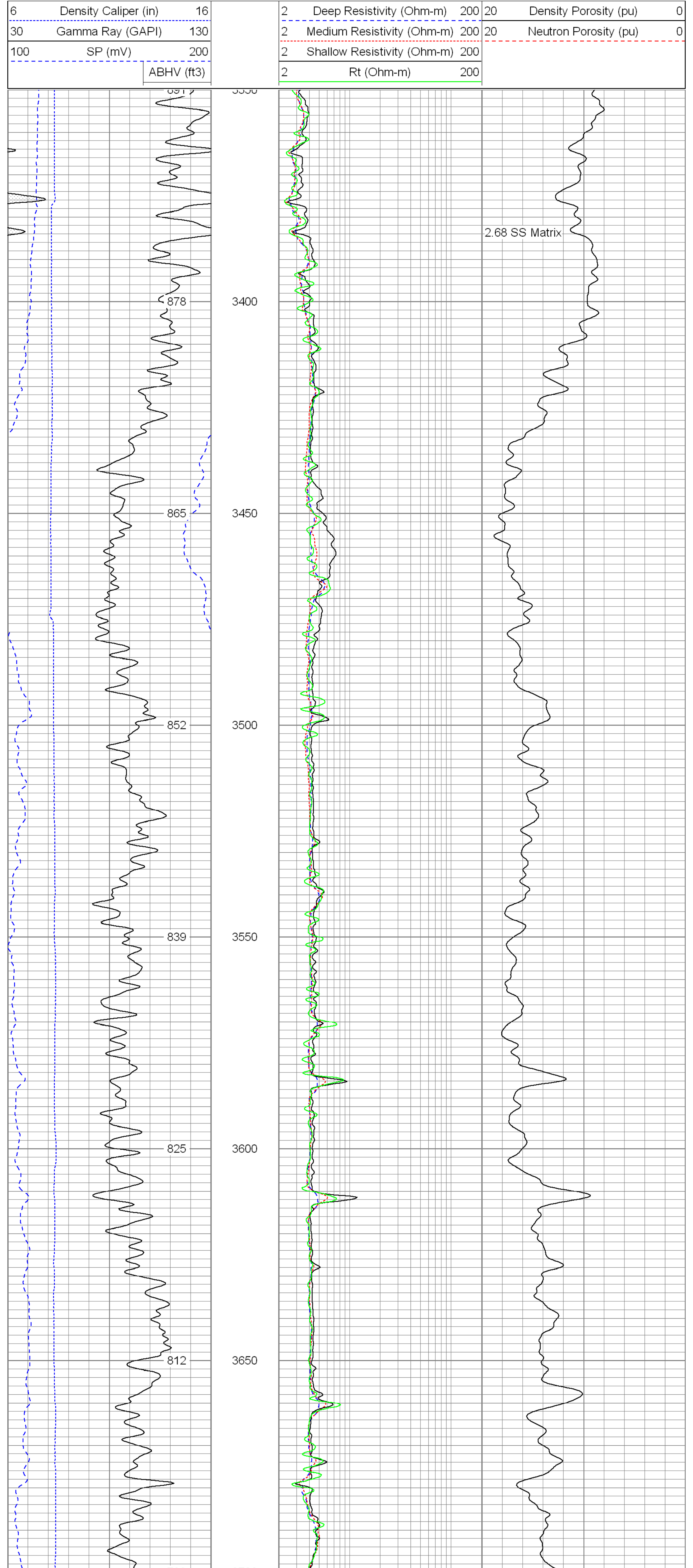
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
Fort Drilling Rig 5
Thank you for using Phoenix Surveys!!
API #: 05-123-32748-00

Database File: 11074.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Thu May 05 06:13:21 2011
Charted by: Depth in Feet scaled 1:240



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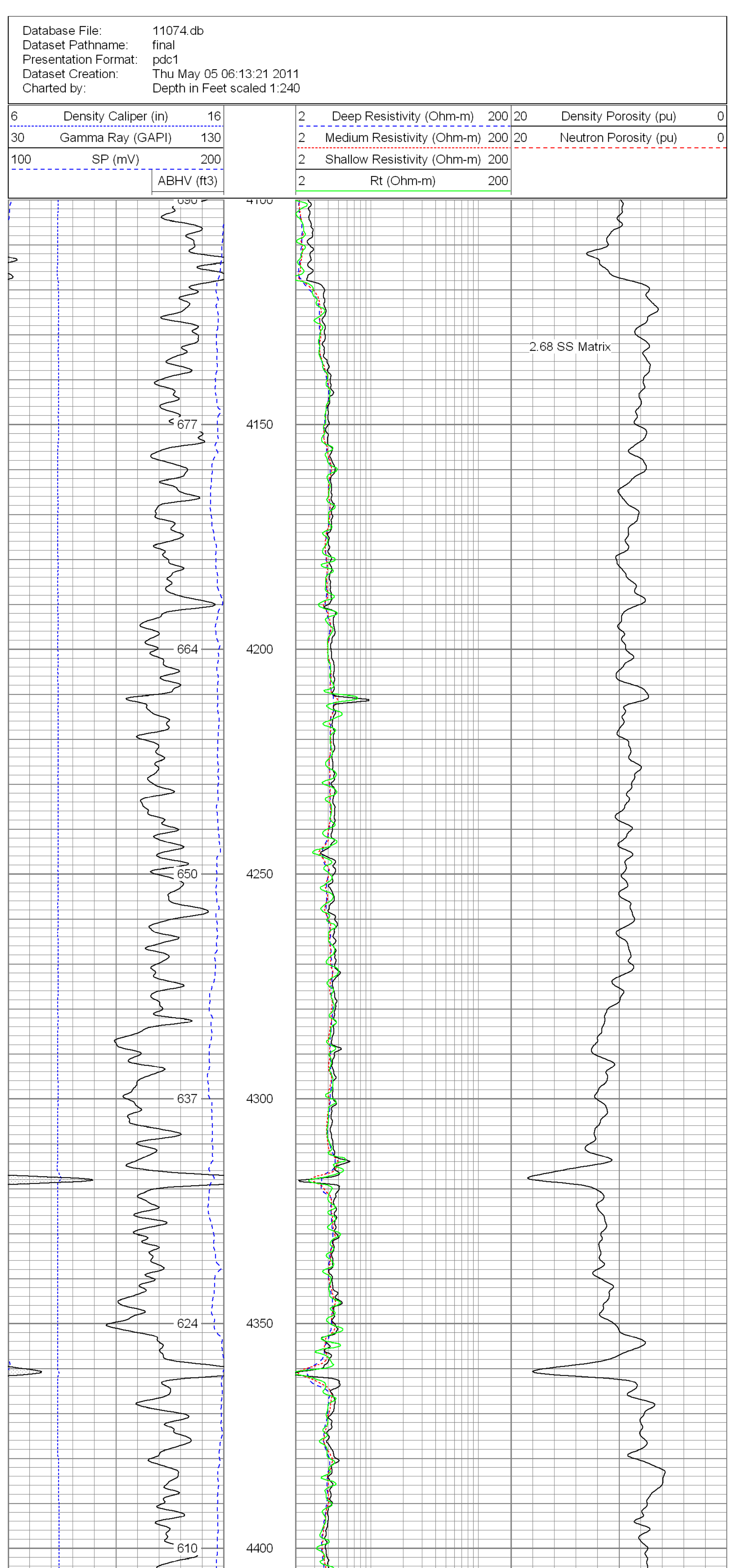

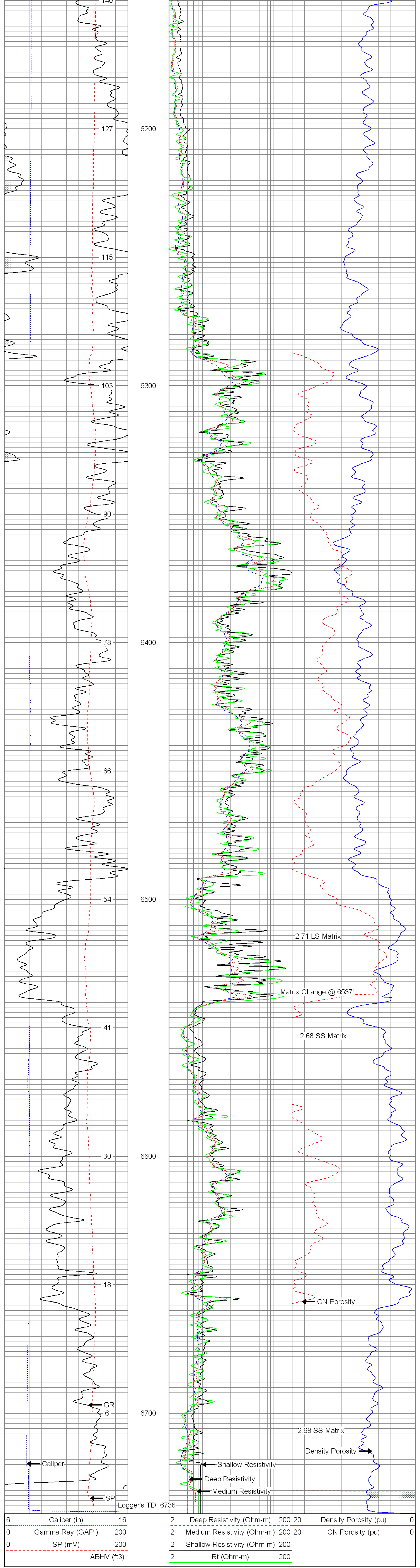Database File: 11074.db
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