PSI
PHOENIX SURVEYS, INC.

DUAL INDUCTION
GUARD LOG
GAMMA RAY

Company	Great Western Oil & Gas, LLC.
Well	Edens 18-52
Field	Wattenberg
County	Weld
State/Province	Colorado
Location	1293' FNL & 1027' FWL NW NW Sec. 18, Twp. 6N, Rge. 63W
Other Services	Density Neutron

Company	Well	Field	County / State/Prv
Permanent Datum	GL	Elevation	4662
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4674
D.F. 4673
G.L. 4662

Date	May 3, 2008		
Run Number	1		
Depth Driller	6978		
Depth Logger	6983		
Bottom Logged Interval	6983		
Top Log Interval	Casing		
Casing Driller	478		
Casing Logger	478		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	10.0 / 51		
pH / Fluid Loss	8.0 / 10.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.91 @ 63° F		
Rmf @ Meas. Temp	3.50 @ 63° F		
Rmc @ Meas. Temp	4.38 @ 63° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.24 @ 204° F		
Time Circulation Stopped	1730		
Time Logger on Bottom	2345		
Maximum Recorded Temperature	204° F		
Equipment Number	4420		
Location	Brighton, CO		
Recorded By	Randy Conley		
Witnessed By	Mark Scanniello	Jay Pape	

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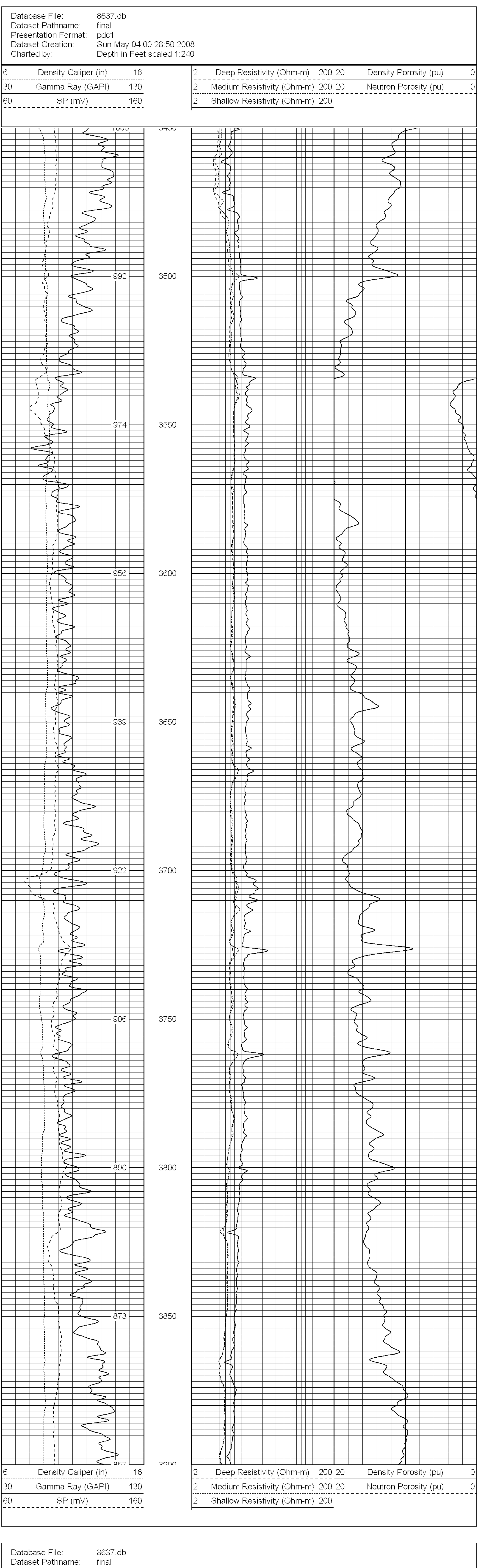
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
Ensign Drilling Rig 7
Thank you for using Phoenix Surveys!!
API #: 05-123-25754-00

Database File: 8637.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Sun May 04 00:28:50 2008
Charted by: Depth in Feet scaled 1:240



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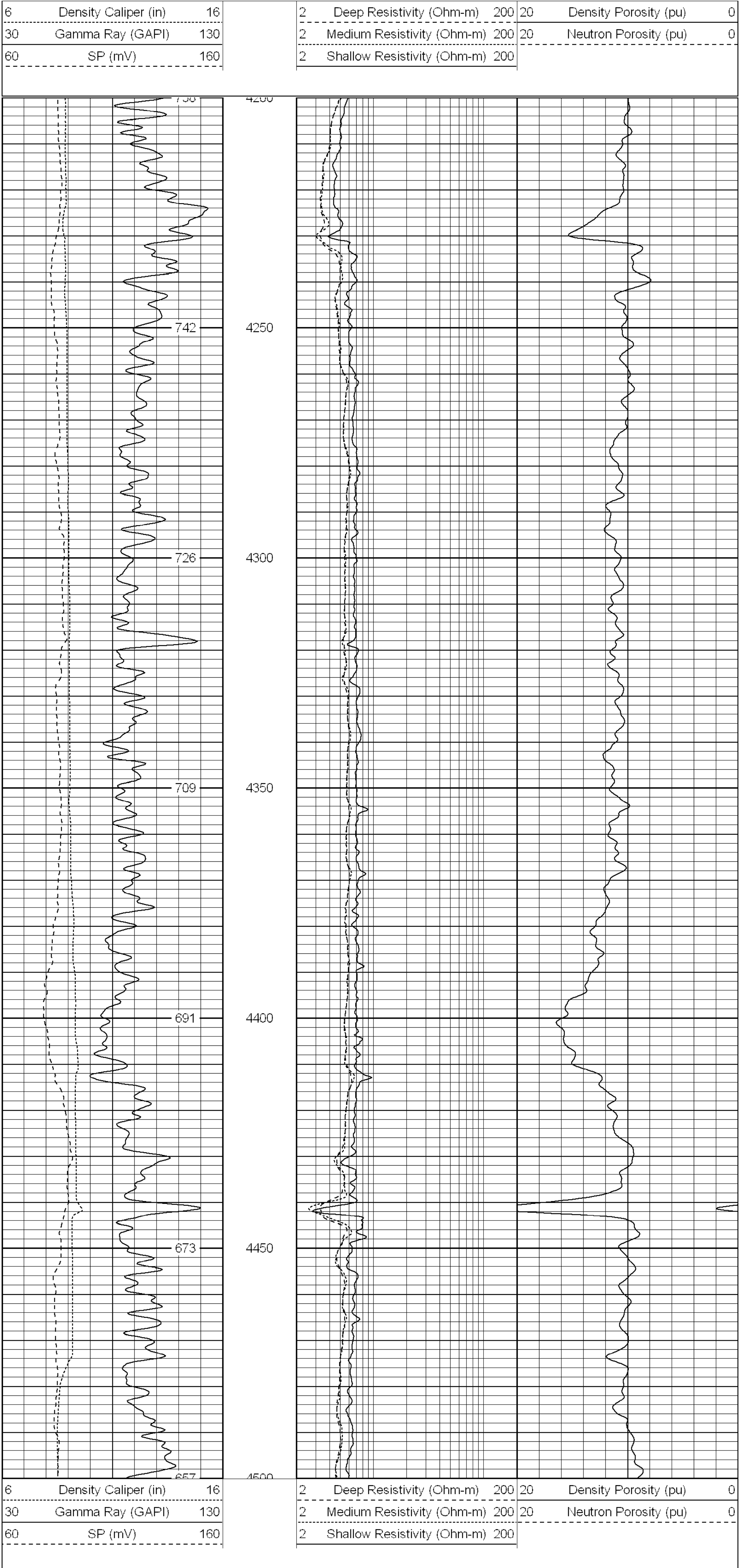

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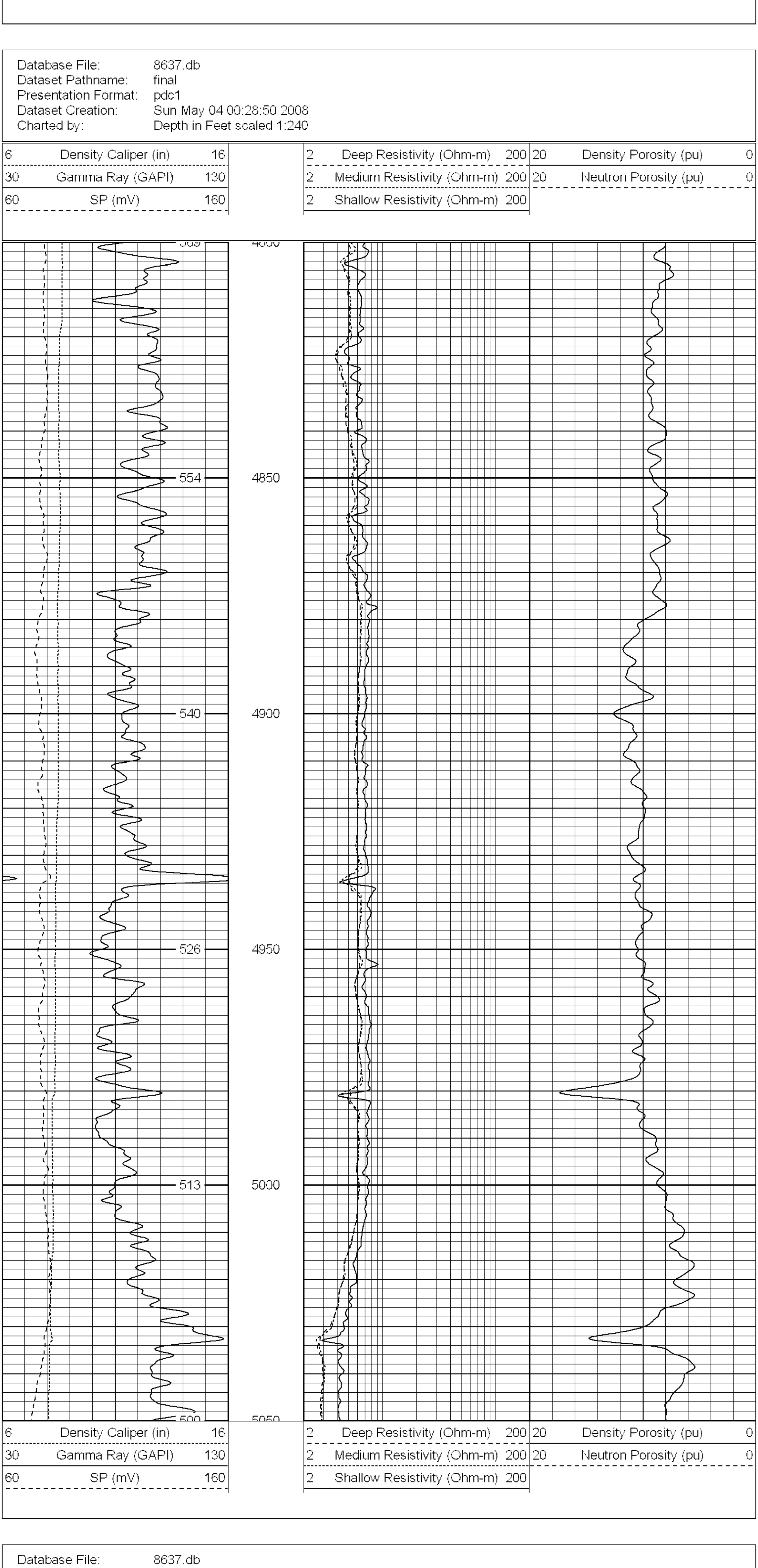

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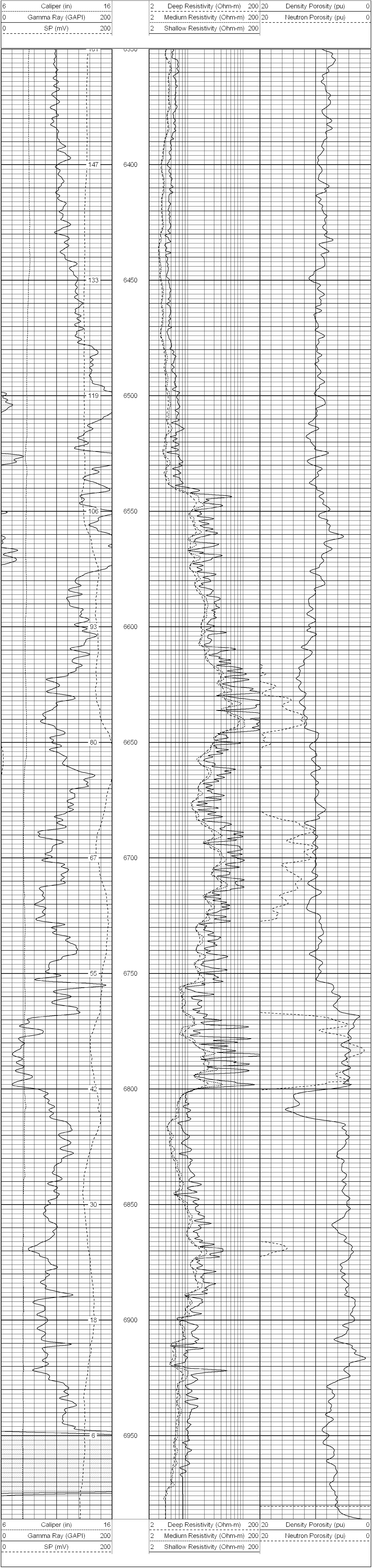
6 Caliper (in) 16
0 Gamma Ray (GAPI) 200
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0
147
6400
133
6450
119
6500
106
6550
93
6600
80
6650
67
6700
55
6750
42
6800
30
6850
18
6900
6
6950