



PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
DUAL INDUCTION

Company
Great Western Oil & Gas LLC

Well
Great Western 27-54

Field
Wattenberg

County
Weld

State/Province
Colorado

Location
1495 FSL & 670 FEL

Sec. 27, Twp. 6N, Rge. 67W

GL
NE SE

Permanent Datum
KB

Elevation
4747

Drilling Measured From
KB

Date
April 18, 2007

Run Number
7249

Depth Logger
7249

Bottom Logged Interval
7249

Top Log Interval
Casing

Casing Interval
40'

Casing Depth
7-78'

Bit Size
8 1/2"

Type Fluid in Hole
Chem Gel

Density / viscosity
97.7/80

Source of Sample
Mudlog

Run @ Mass Temp
3.31 @ 76 F

Run @ Mass Temp
3.35 @ 76 F

Run @ Mass Temp
3.35 @ 76 F

Run @ Mass Temp
3.35 @ 76 F

Time Circulator Stopped
1:04 @ 209 F

Time Circulator Stopped
1:00 @ 417 F

Maximum Recorded Temperature
205 F

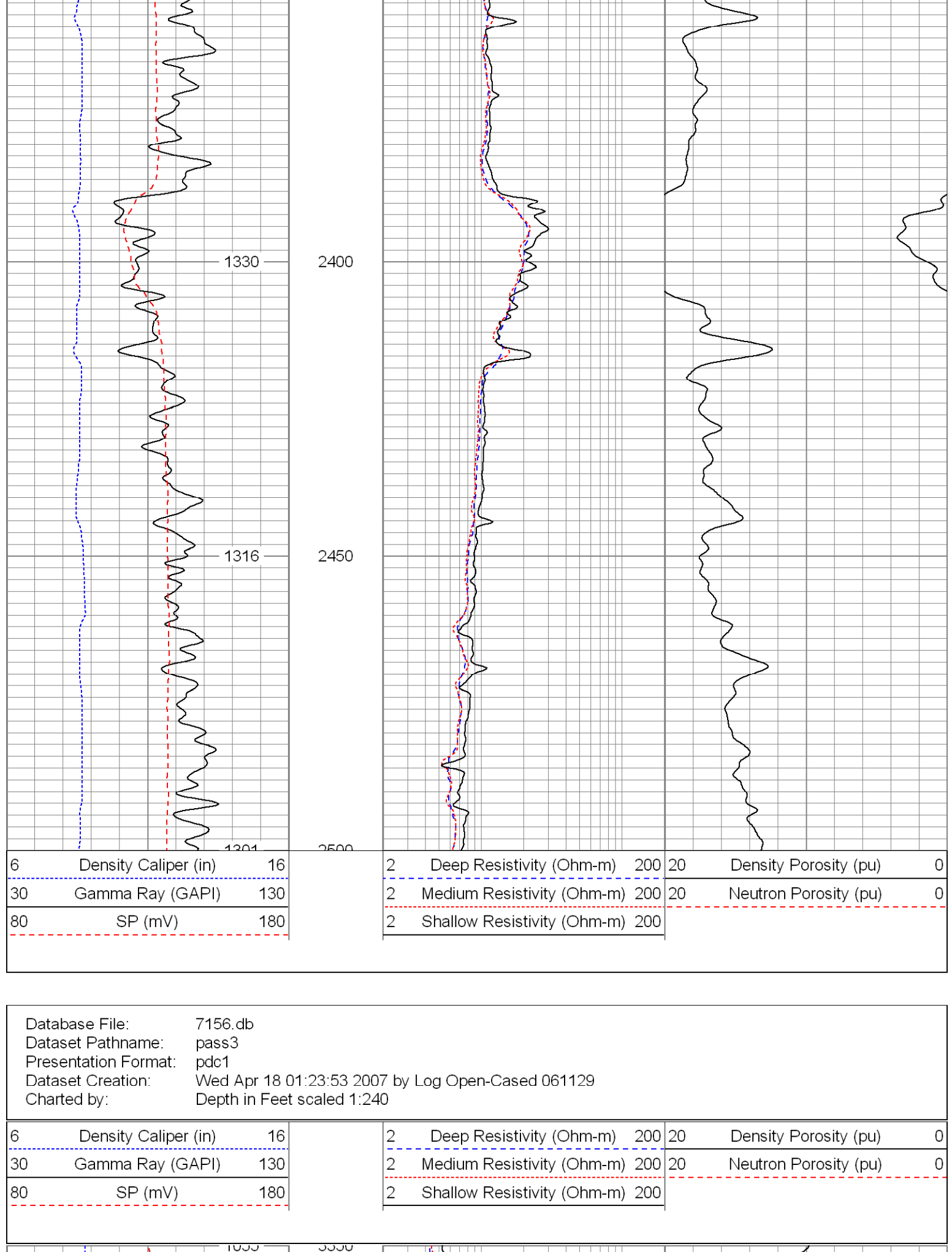
Location
Brighton, CO

Recorded By
Randy Conley

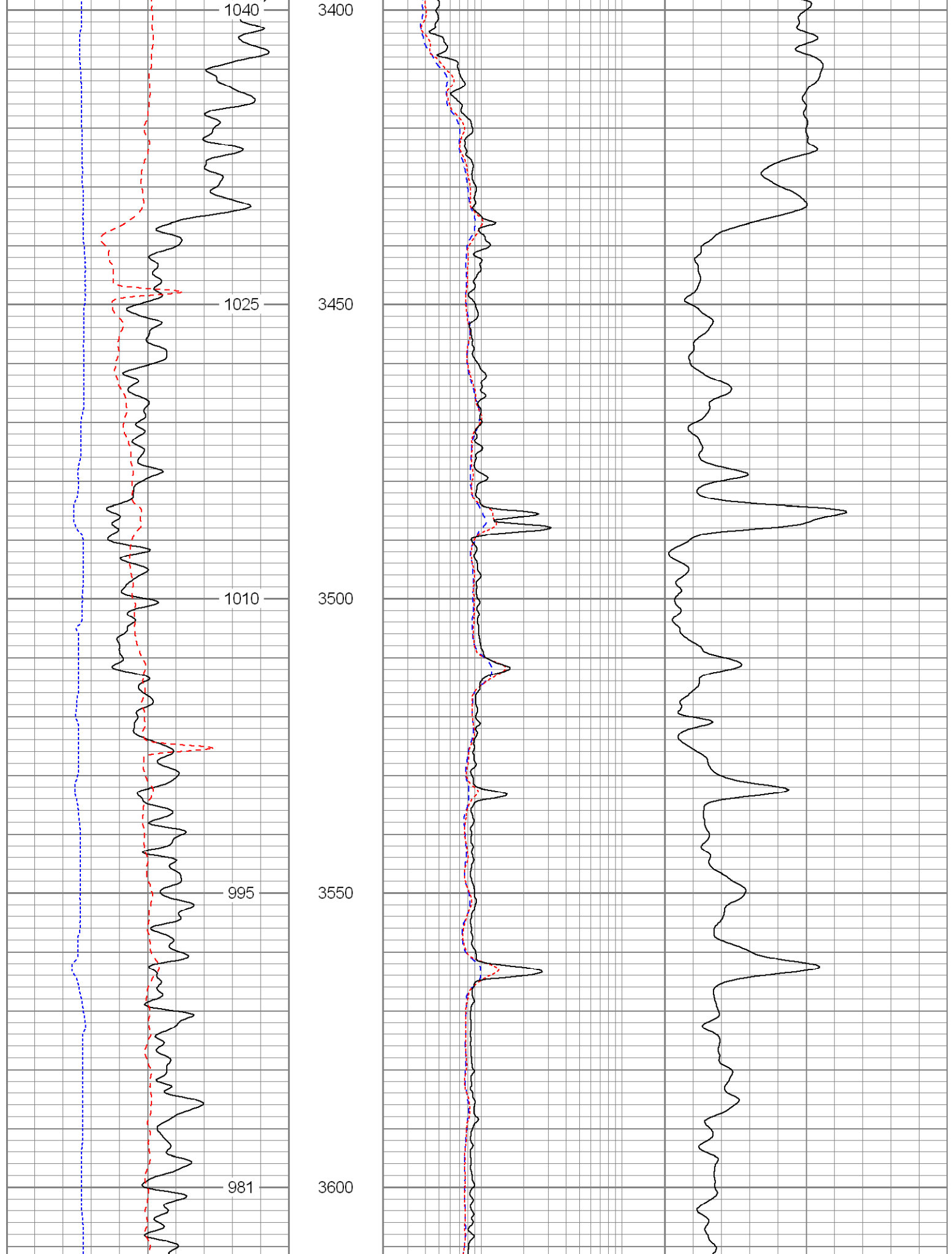
Unrevised By
Mark Scrimble

Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 32
Thank you for using Phoenix Surveys!!
API #: 05-123-24123-00

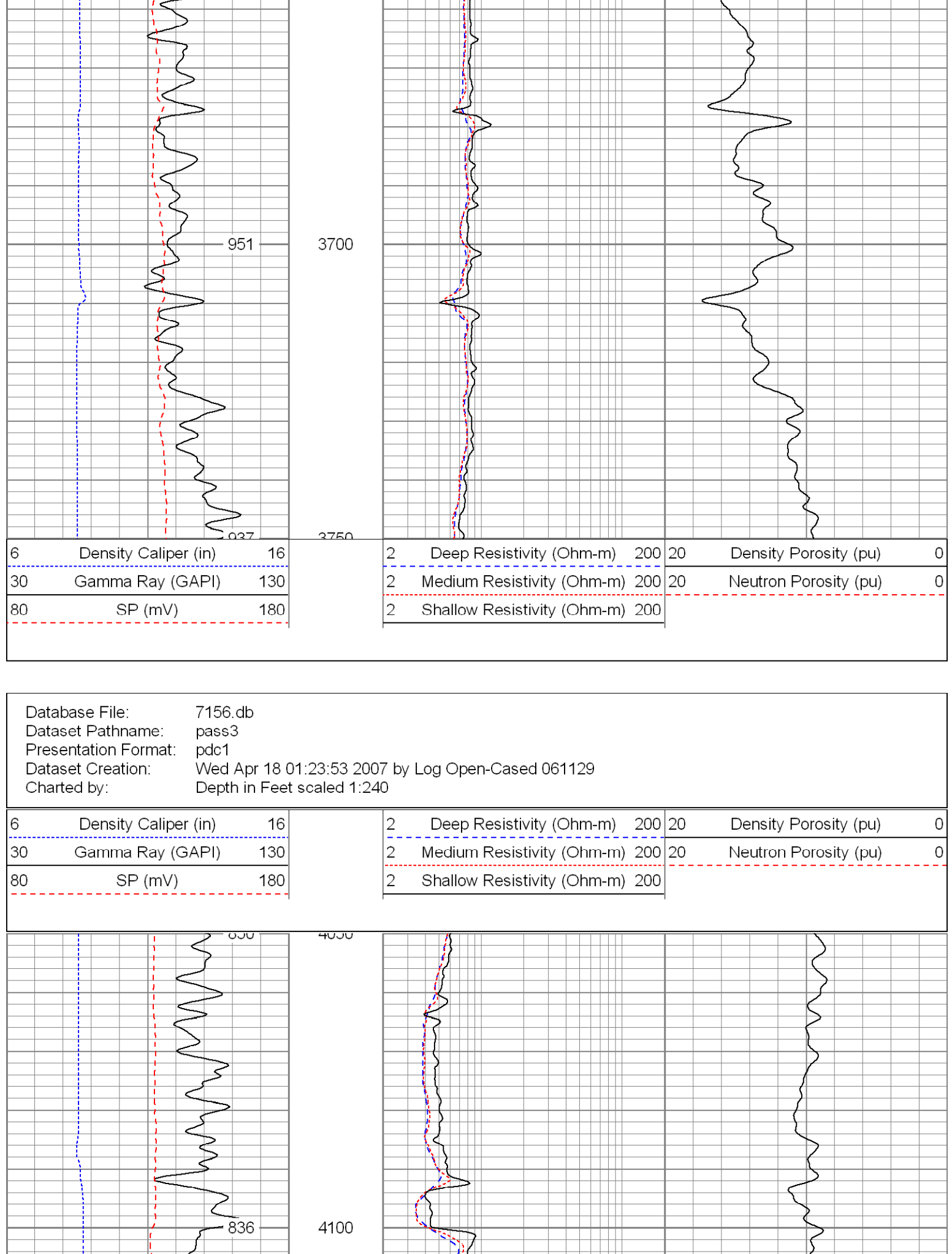
Database File: 7156 db
Dataset Pathname: pass3
Presentation Format: pdc1
Dataset Creation: Wed Apr 18 01:23:53 2007 by Log Open-Cased 061129
Charted by: Depth in Feet scaled 1:240



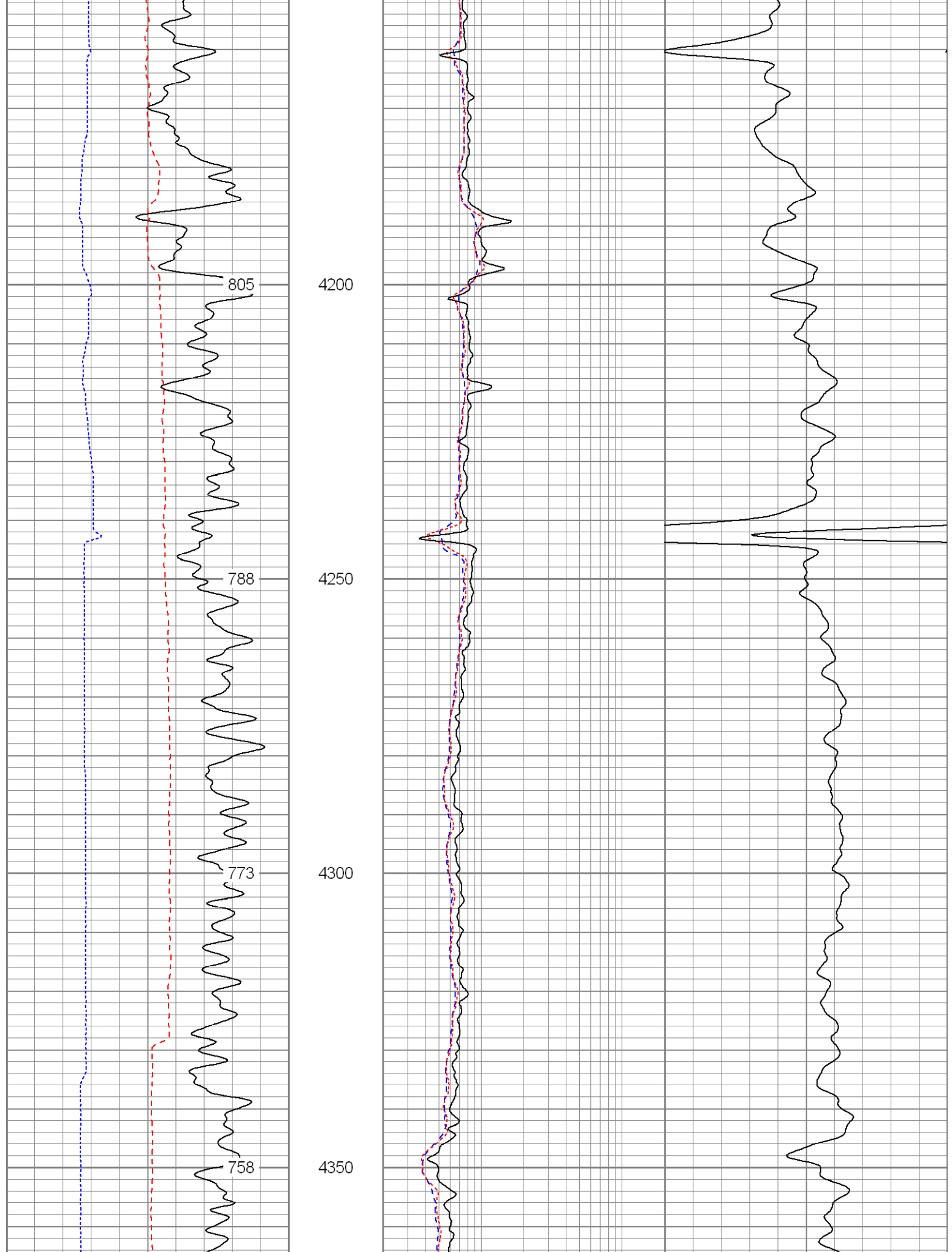
Database File: 7156 db
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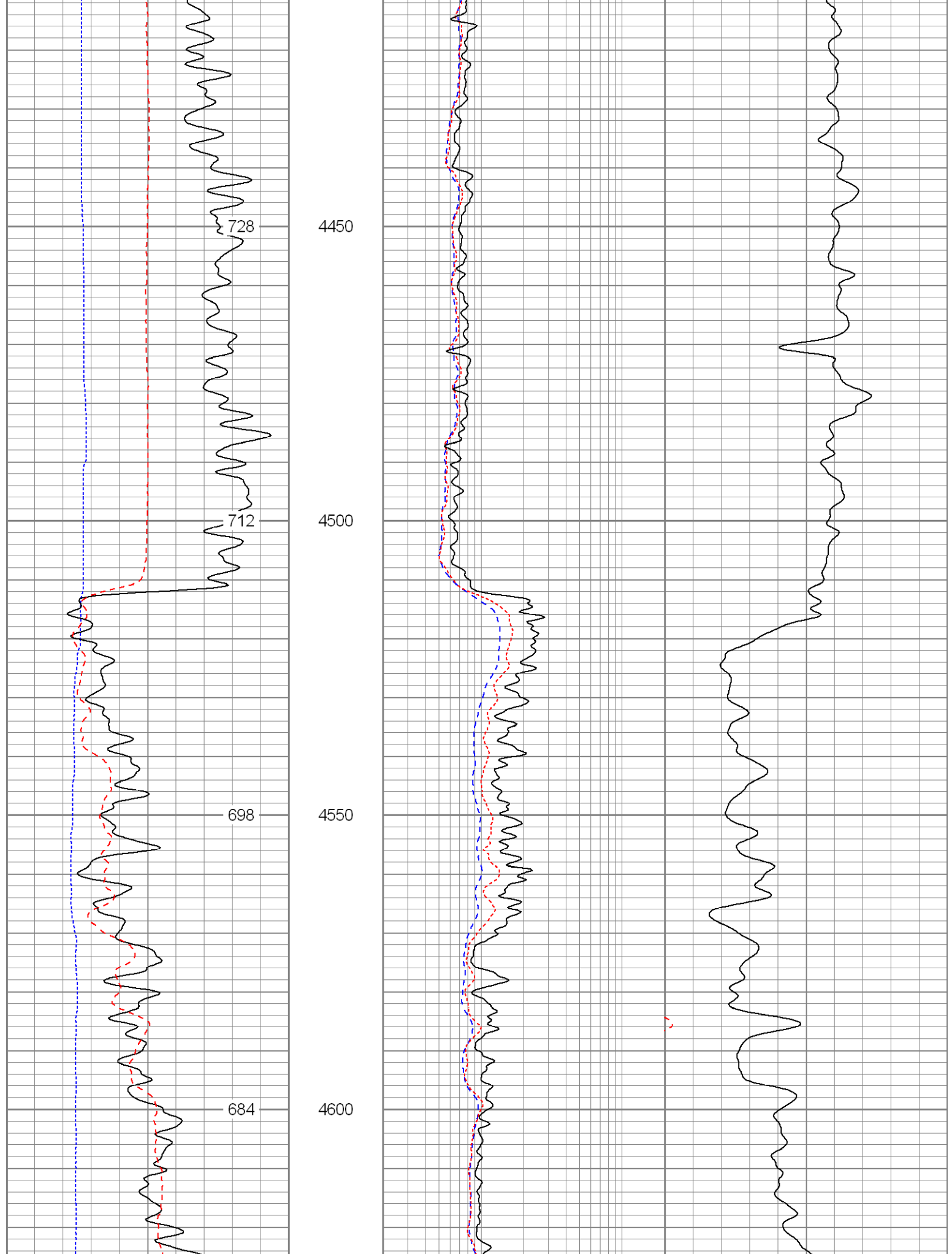
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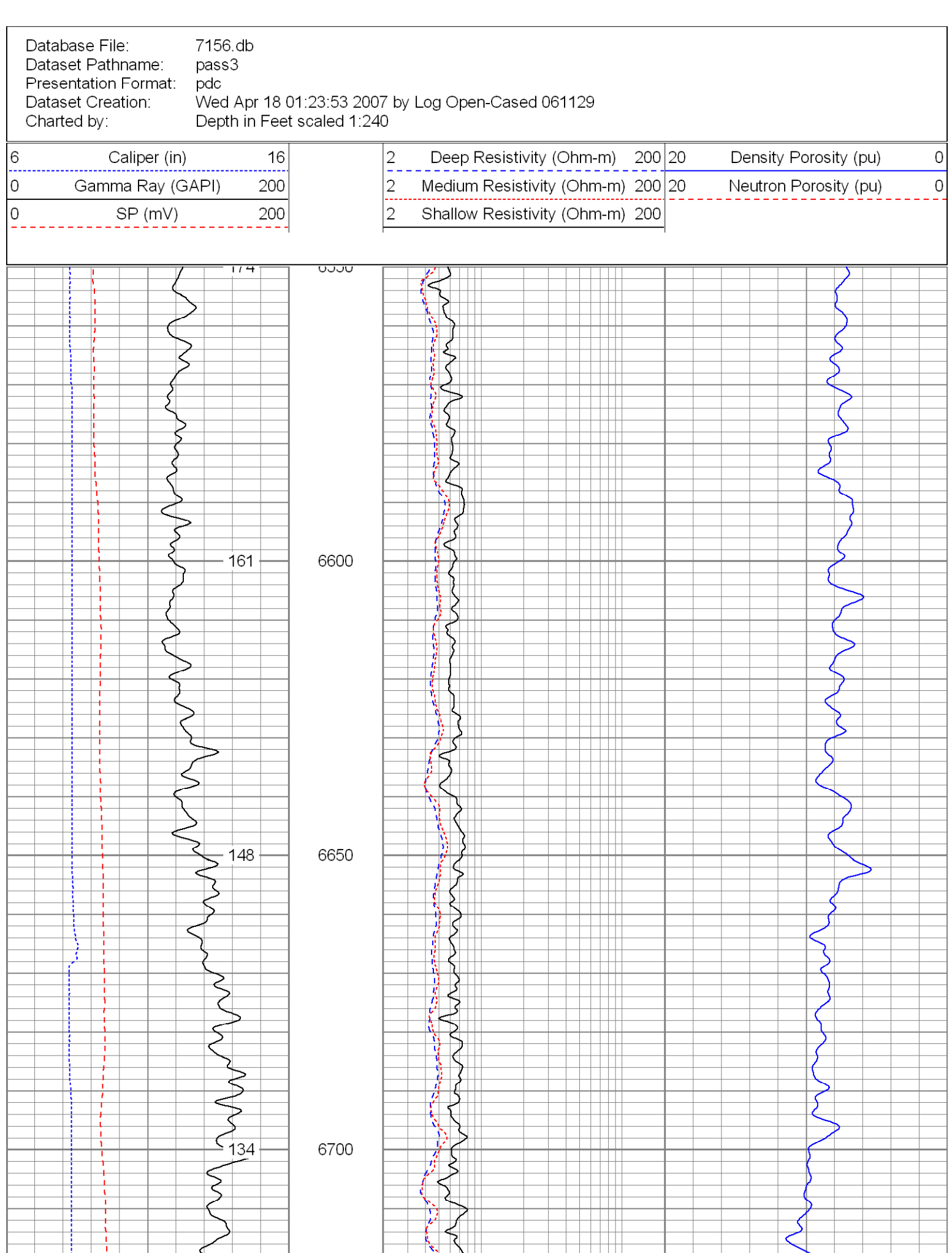
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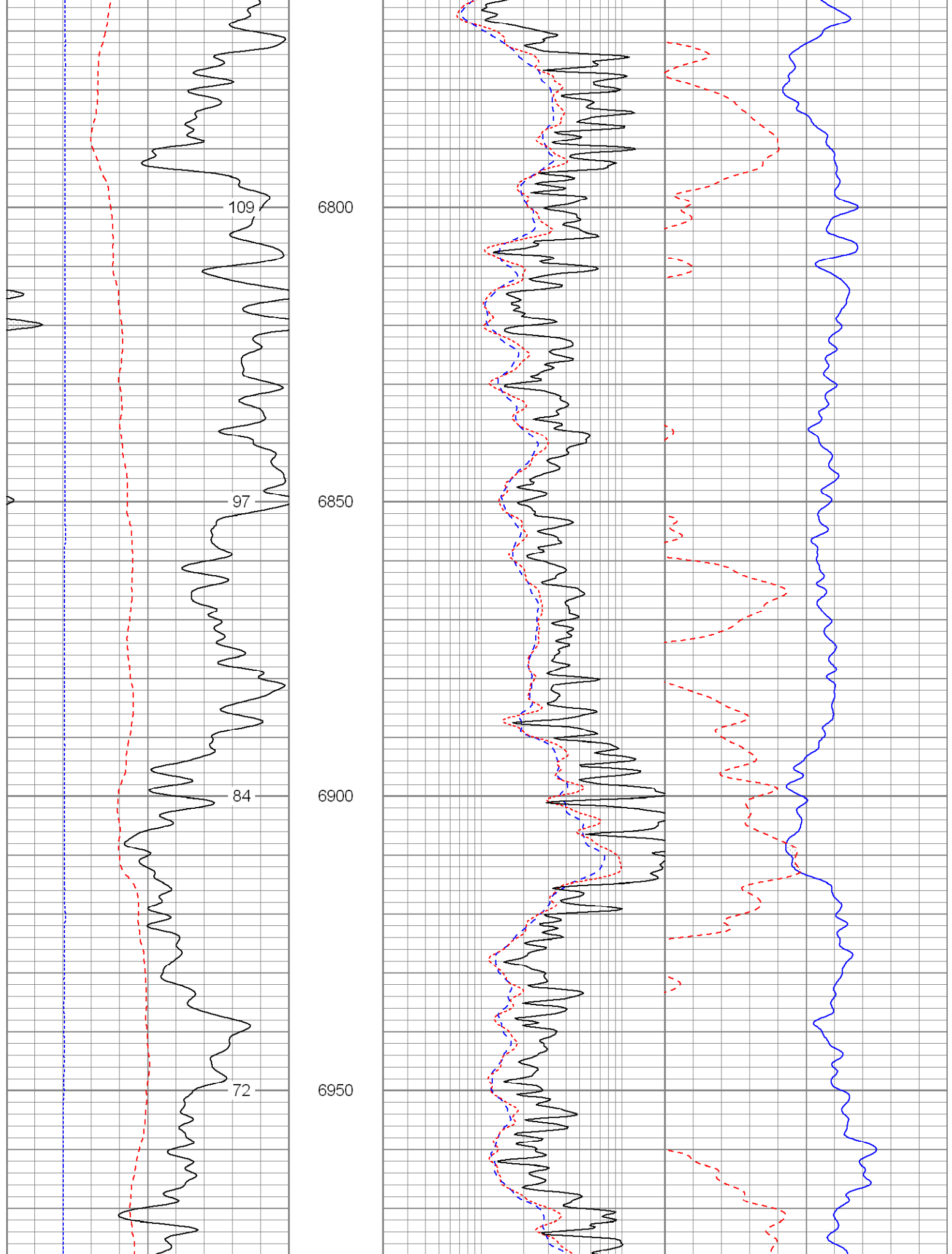
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