



Gamma Ray / Neutron Log

Pioneer Energy Services

API No.

15-095-22271

Company Indian Oil Company, Inc.

Well Stateline No.4

Field

County Barber

State Kansas

Location

725' FSL & 330' FEL

Other Services
GRCBL

Sec: 13 Twp: 35S Rge: 12W

Permanent Datum Ground Level Elevation 1340

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation
K.B. 1351
D.F. 1340
G.L. 1340

Date 8/6/2014

Run Number One

Type Log GRN

Depth Driller 5125

Depth Logger 5085

Bottom Logged Interval 5085

Top Logged Interval 4180

Type Fluid In Hole Water

Salinity, PPM CL

Density

Level Full

Max. Rec. Temp. F

Operating Rig Time 2

Equipment -- Location 106 Pratt

Recorded By M. Schwerdtfeger

Witnessed By Anthony Farrar

Borehole Record

Run No Bit From To Size Wgt. From To

5.5 15.5 Surface TD

TD

<<< Fold Here >>>

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

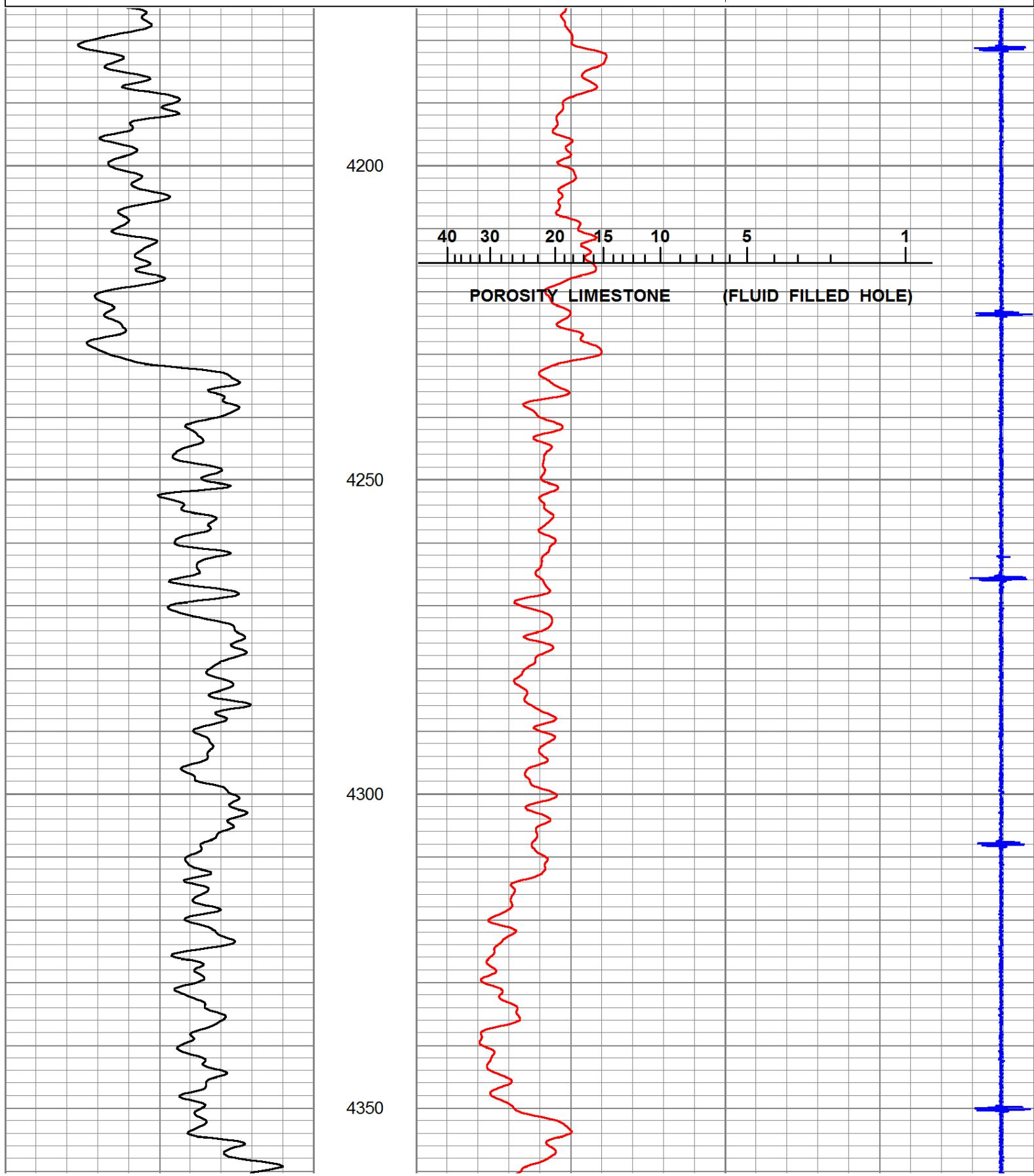
Thank you for using Pioneer Energy Services
(620) 672-8300
Medicine Lodge Ks,
19 South On Hwy. 281 To Stubbs Rd,
3/4 South,
West Into

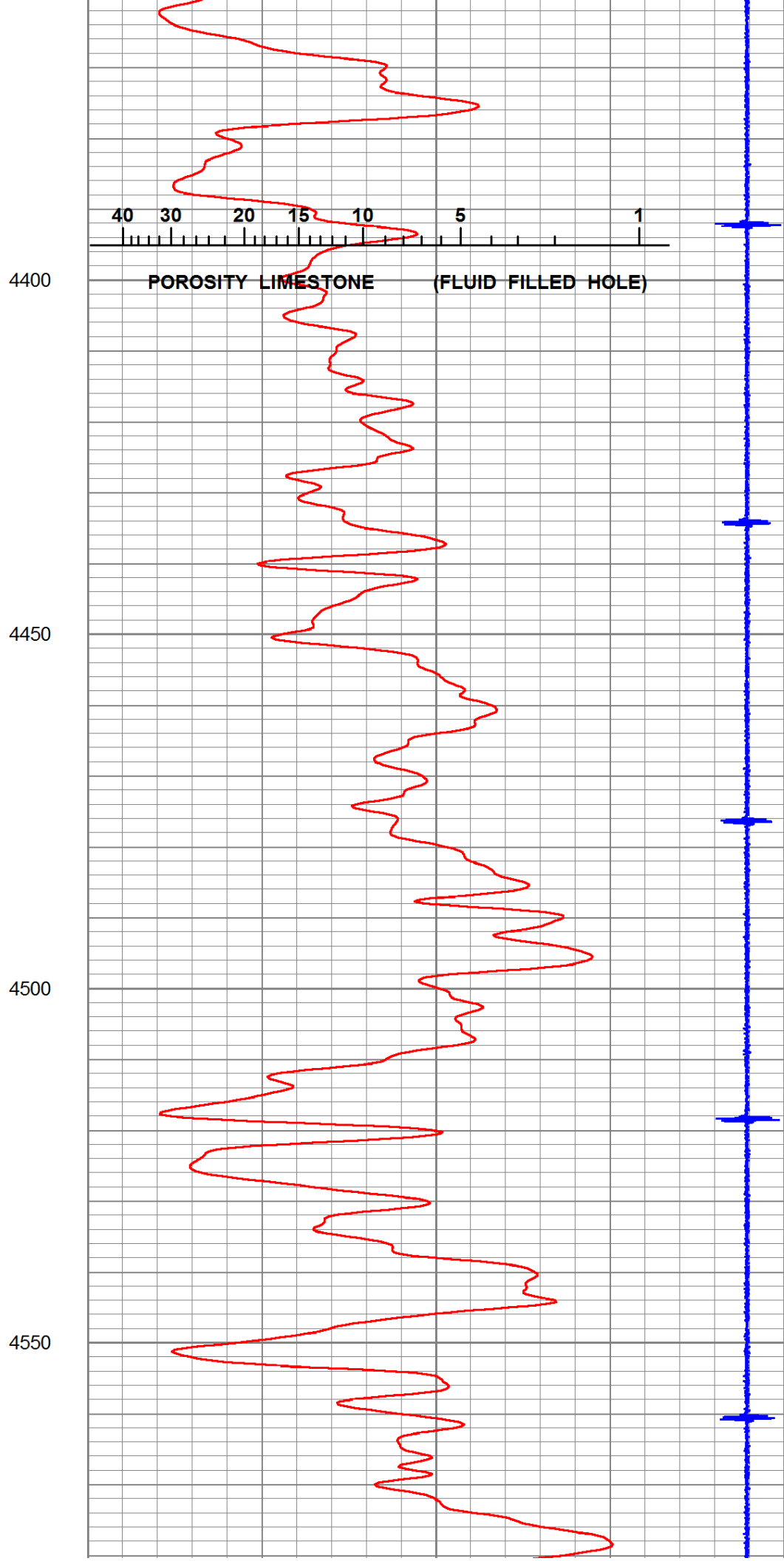
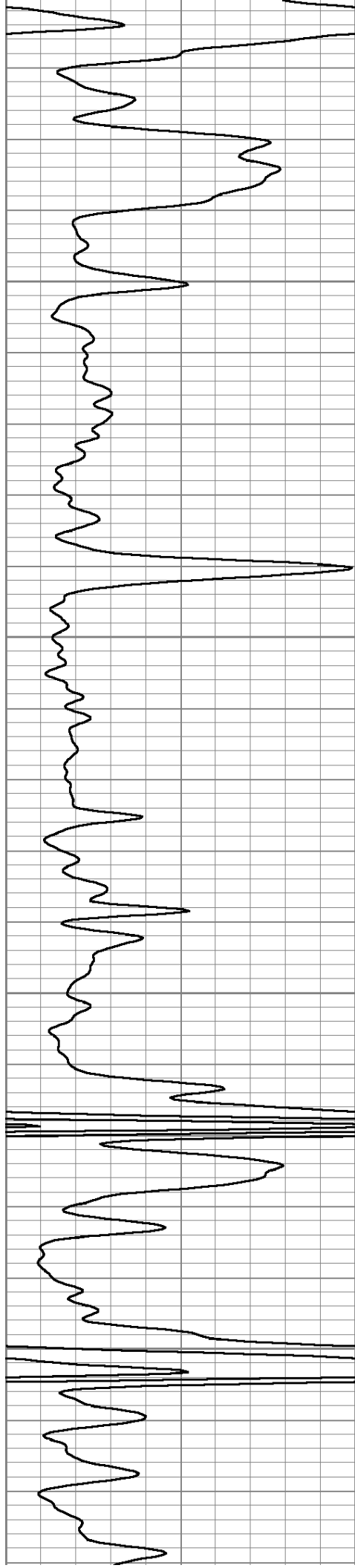


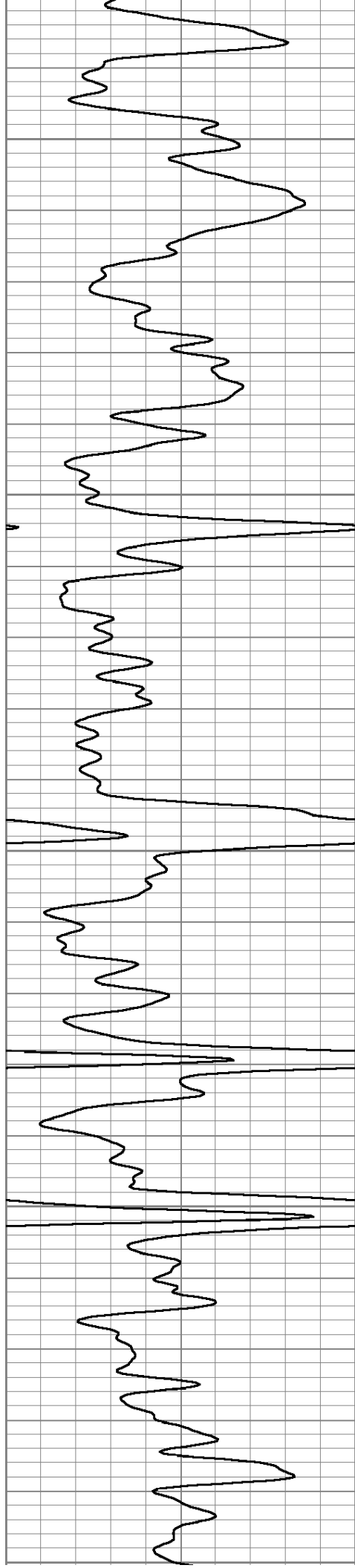
Main Pass

Database File: indianoil_stateline_4.db
Dataset Pathname: grncbl/pass4
Presentation Format: gr-n-ccl
Dataset Creation: Wed Aug 06 14:22:50 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	120	Neutron (NAPI)		1250
				10	CCL	-1.2







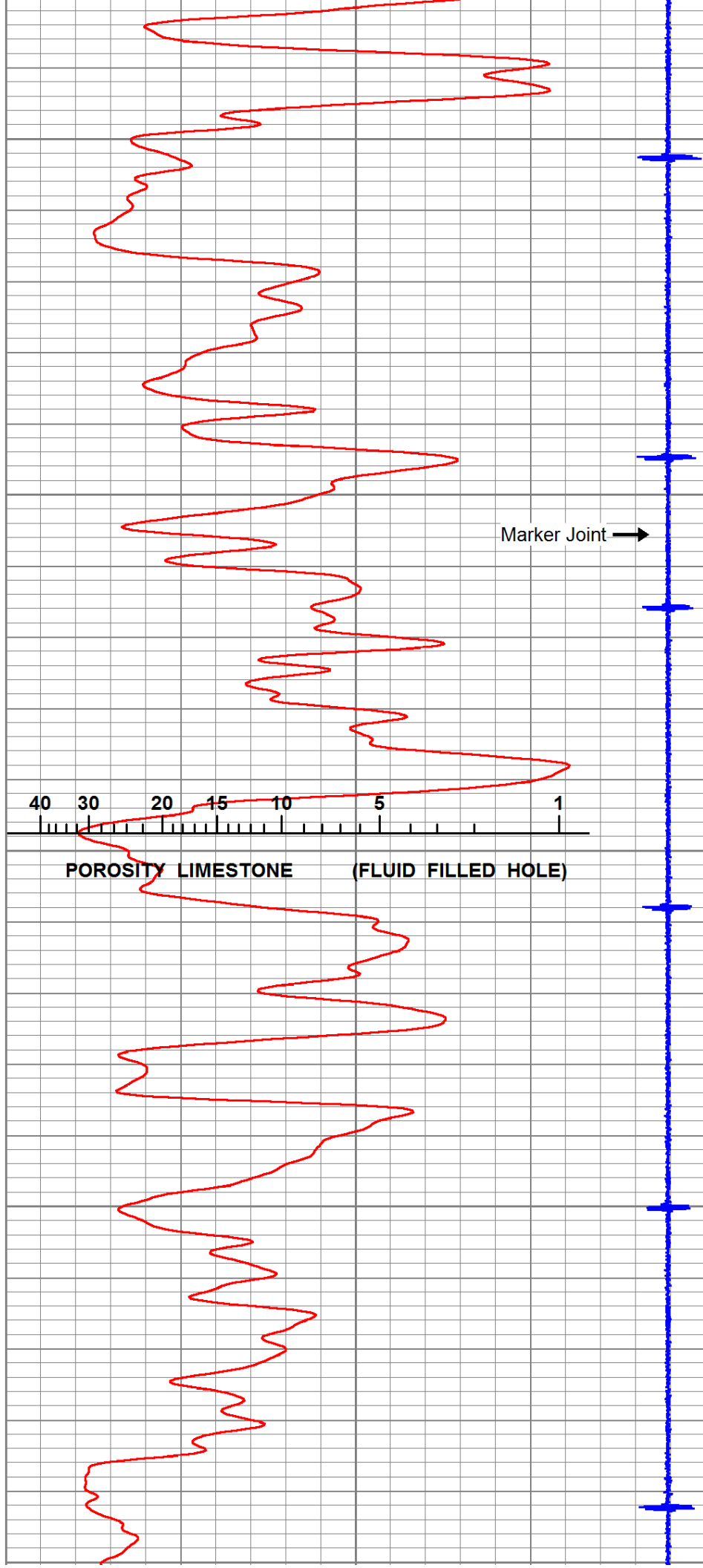
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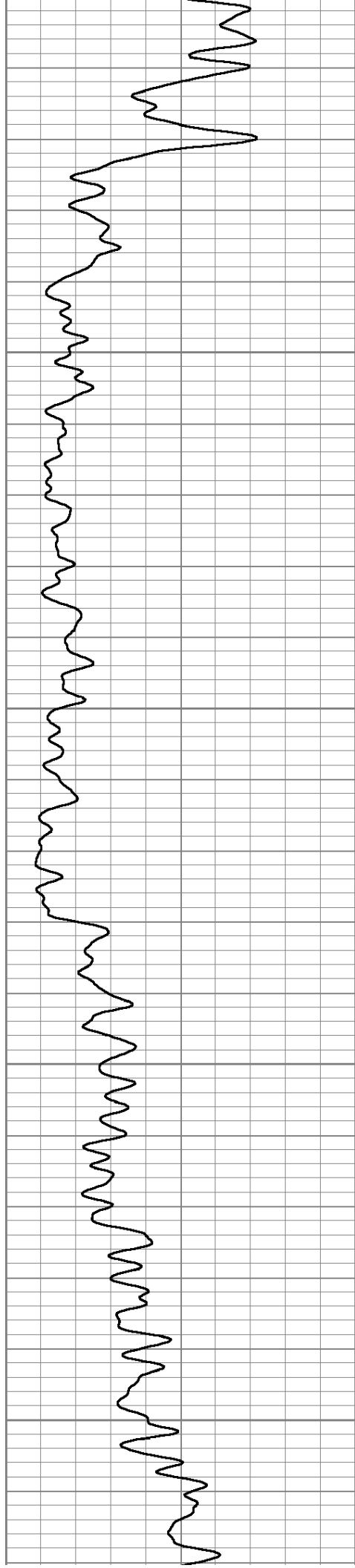
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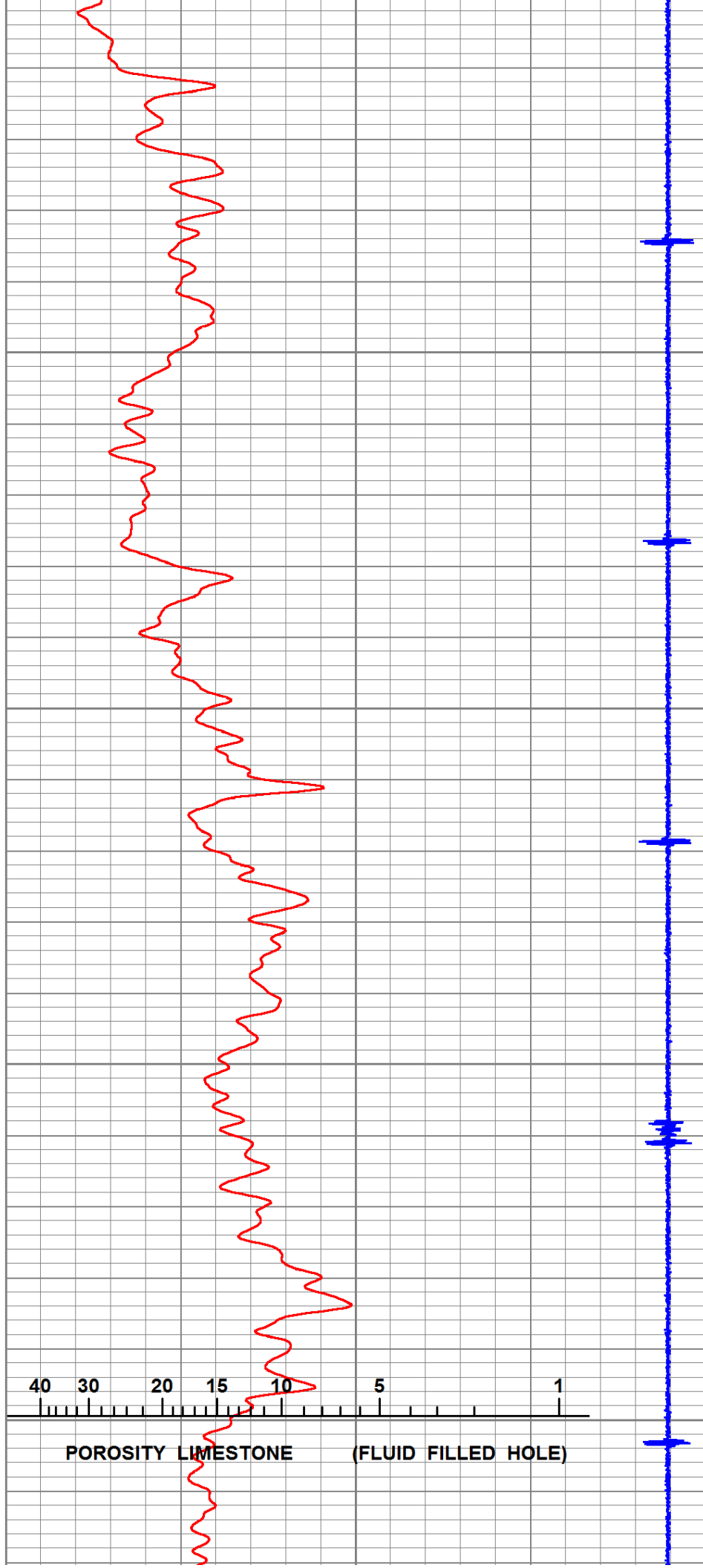
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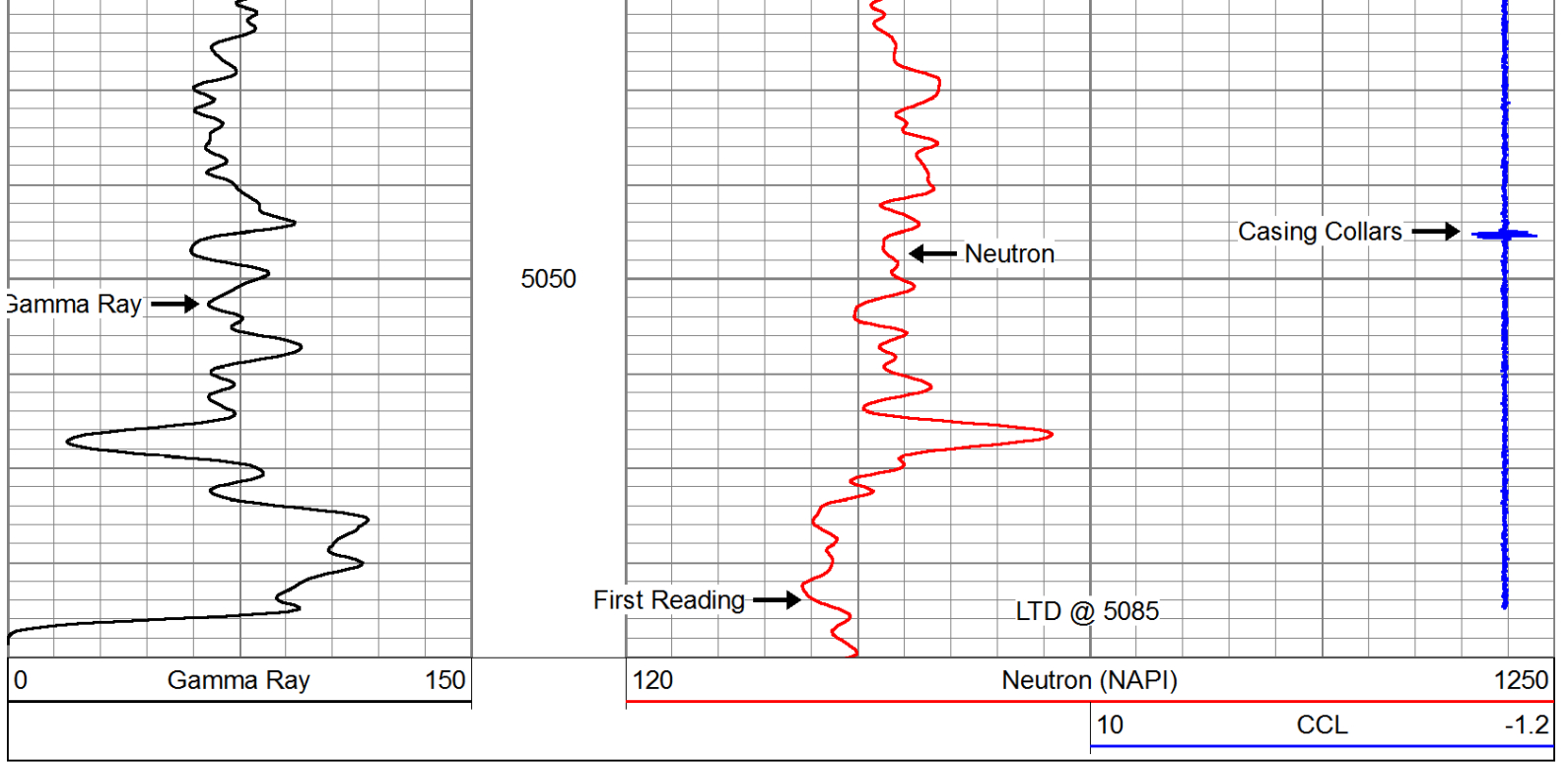
4800





4850
4900
4950
5000





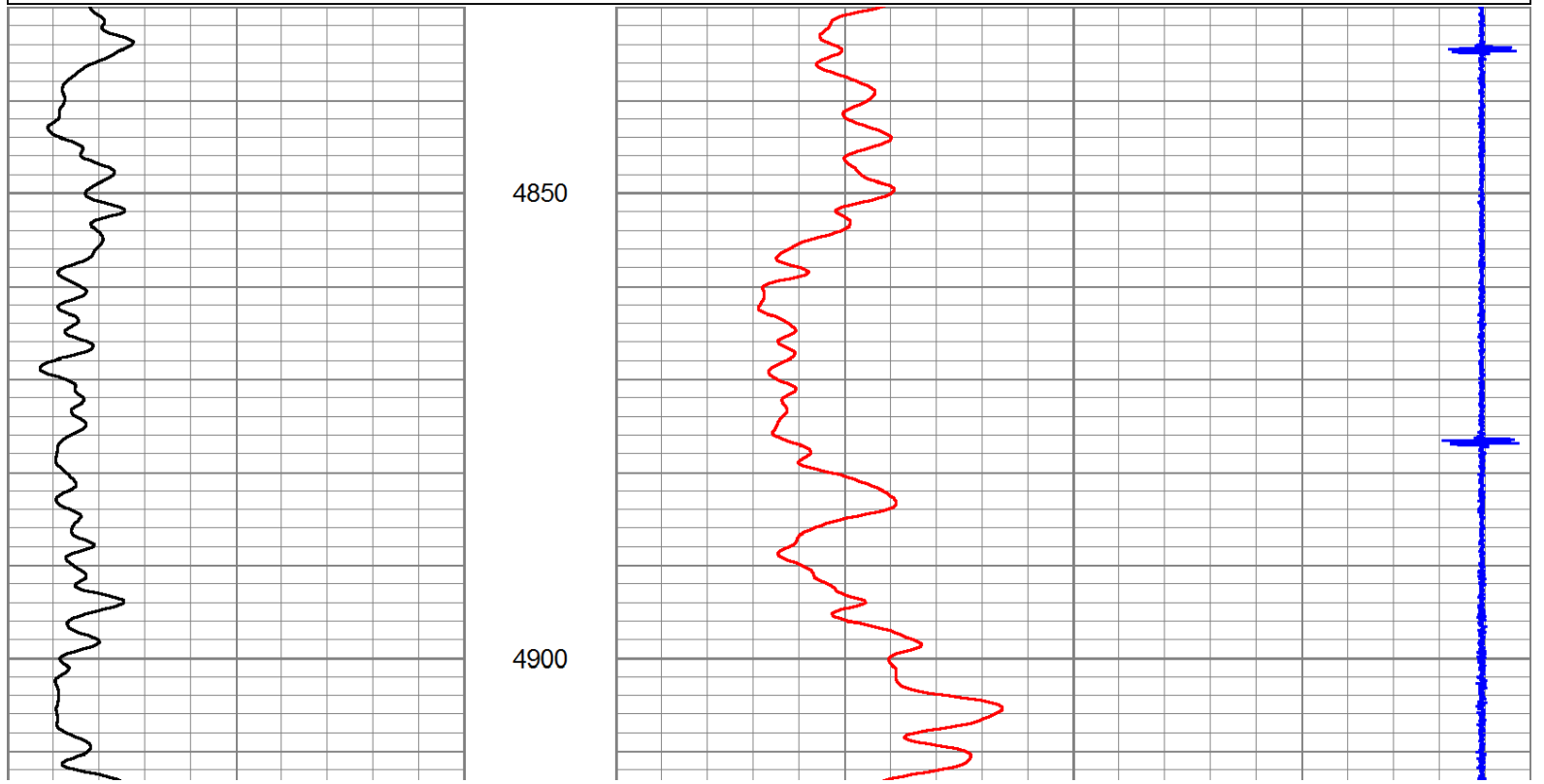


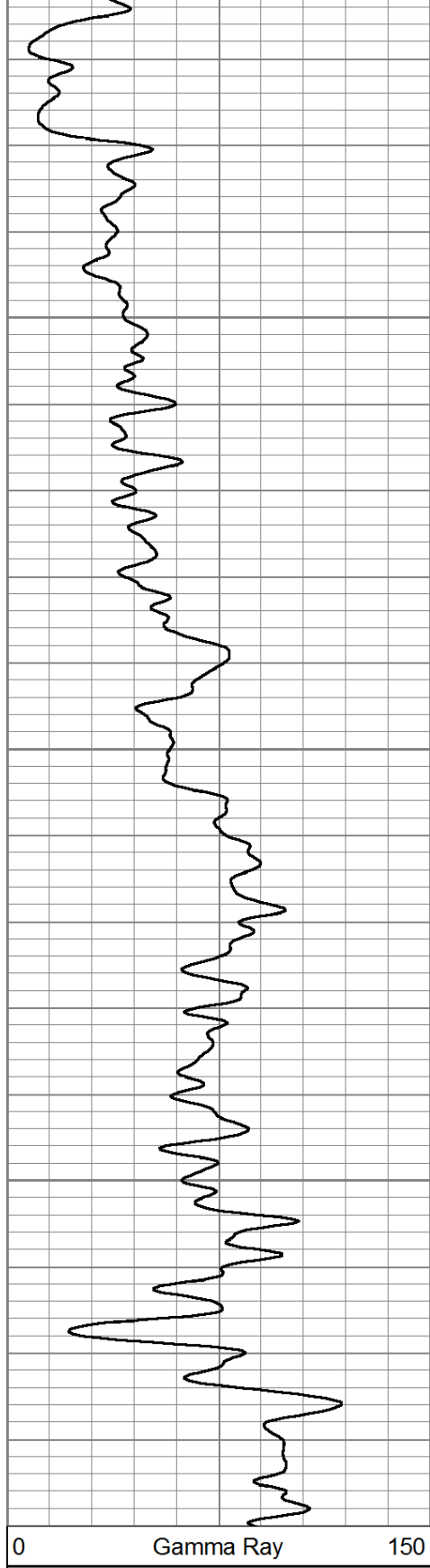
PIONEER
Pioneer Energy Services

Repeat Section

Database File: indianoil_stateline_4.db
 Dataset Pathname: grncbl/pass3
 Presentation Format: gr-n-ccl
 Dataset Creation: Wed Aug 06 14:15:12 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

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120	Neutron (NAPI)	1250
10	CCL	-1.2



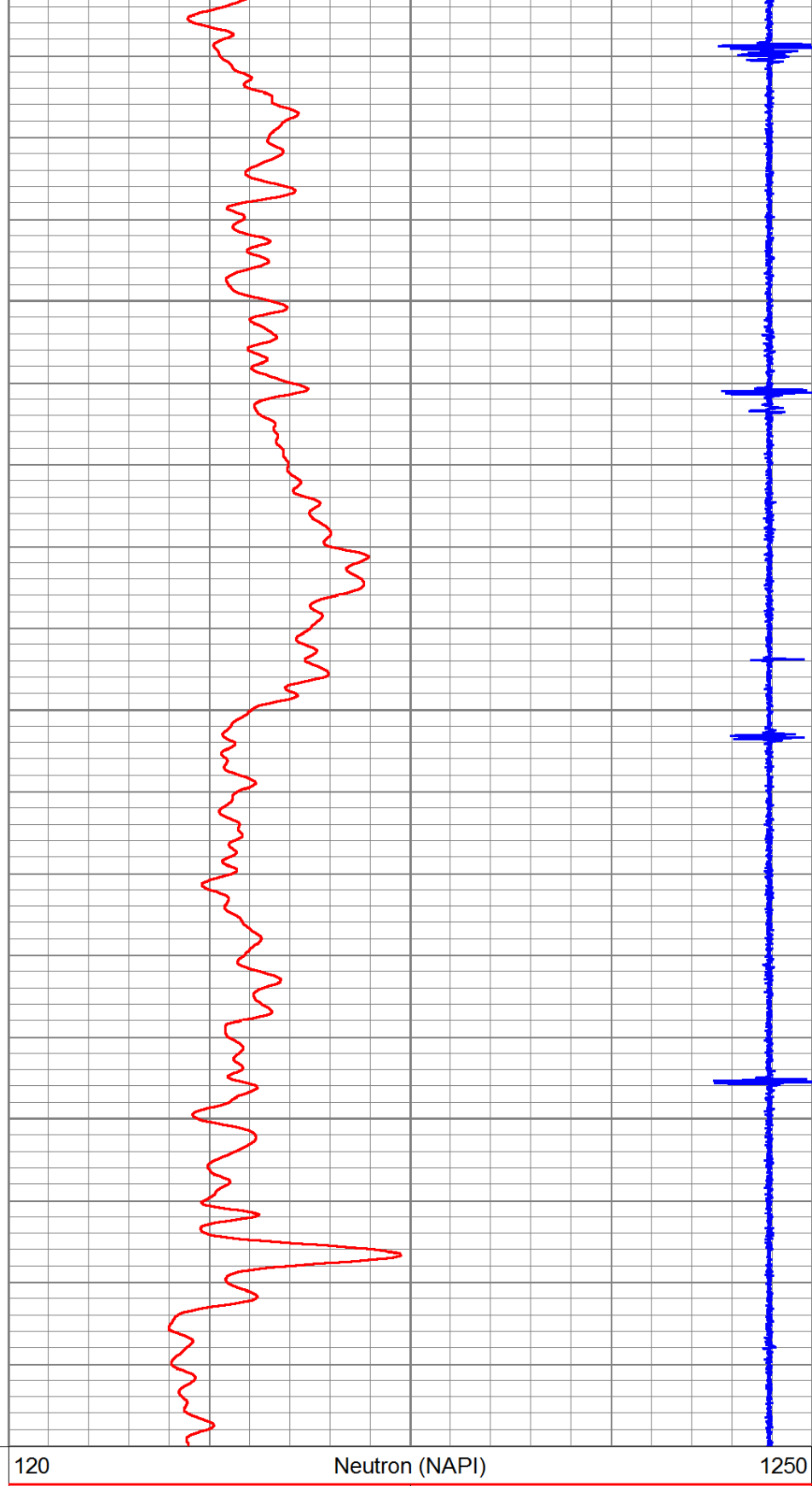


4950

5000

5050

0 Gamma Ray 150



120 Neutron (NAPI) 1250

10 CCL -1.2