
UNIVERSITY OF SZEGED, DOCTORAL SCHOOL OF GEOSCIENCES

INTEGRATED CHARACTERIZATION OF LOWER-NUBIAN
HYDROCARBON RESERVOIRS, WITH SPECIAL EMPHASIS ON
GEOSTATISTICAL UNCERTAINTIES

APPENDIX

SEDIMENTARY ANALYSIS

WELL-LOG ANALYSIS

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Department of Geology and Paleontology

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APPENDIX 1:

SEDIMENTARY ANALYSIS

CHARTS AND FACIES LOG RESPONSE

1 INTEGRATED CHARTS

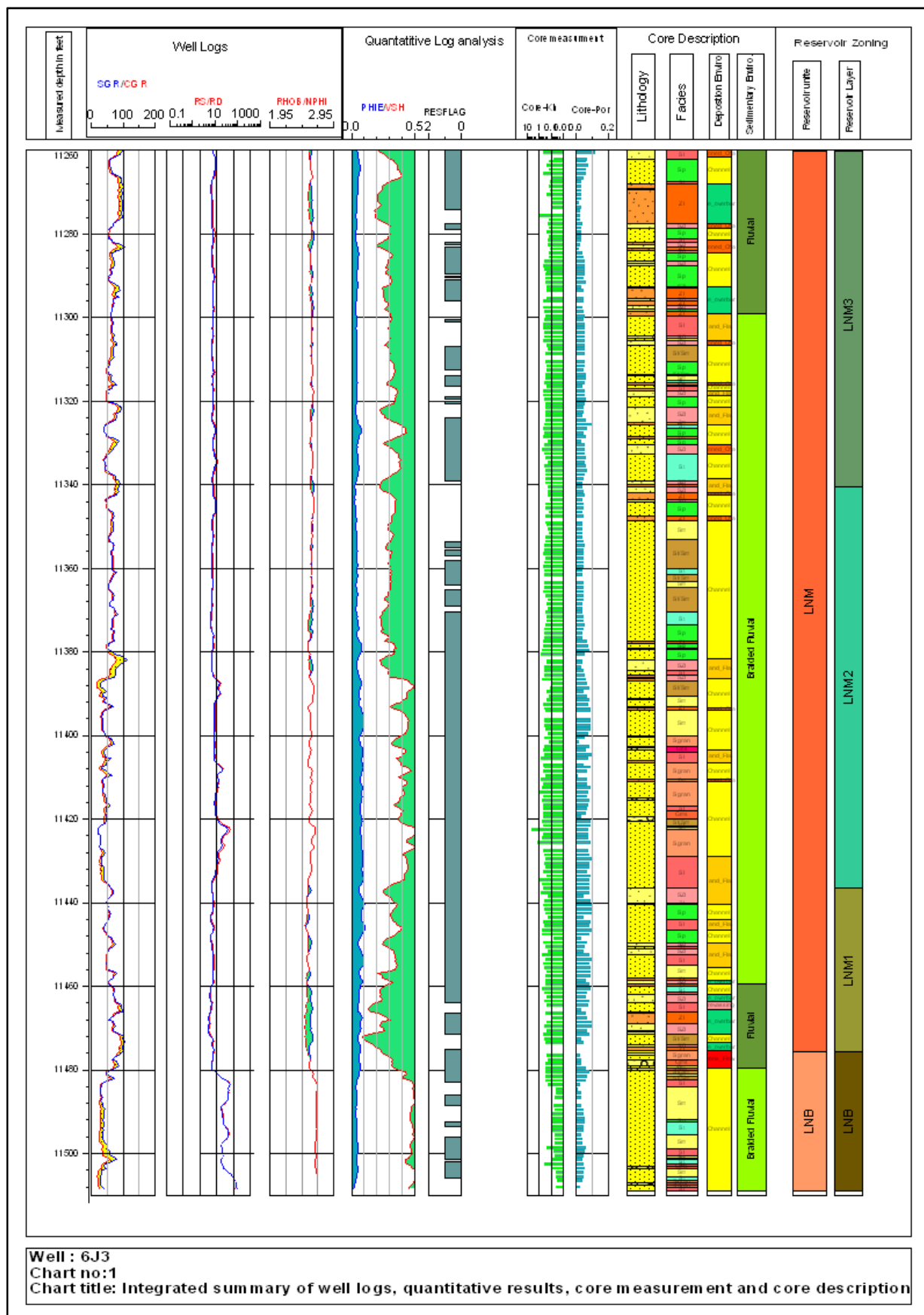


Fig. 1-1 Integrated Interpretation Chart Well: 6J3

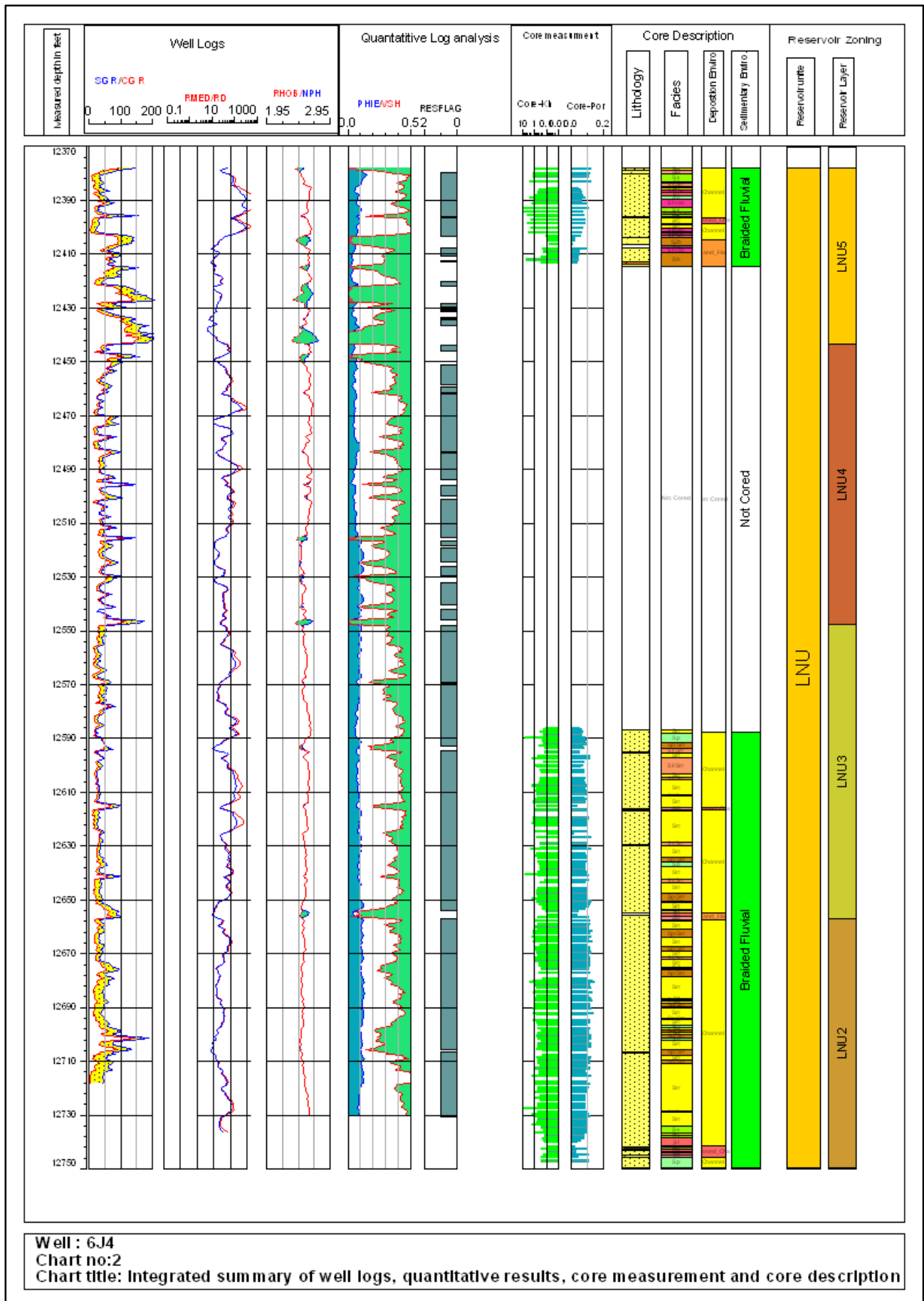


Fig. 1-2 Integrated Interpretation Chart Well: 6J4

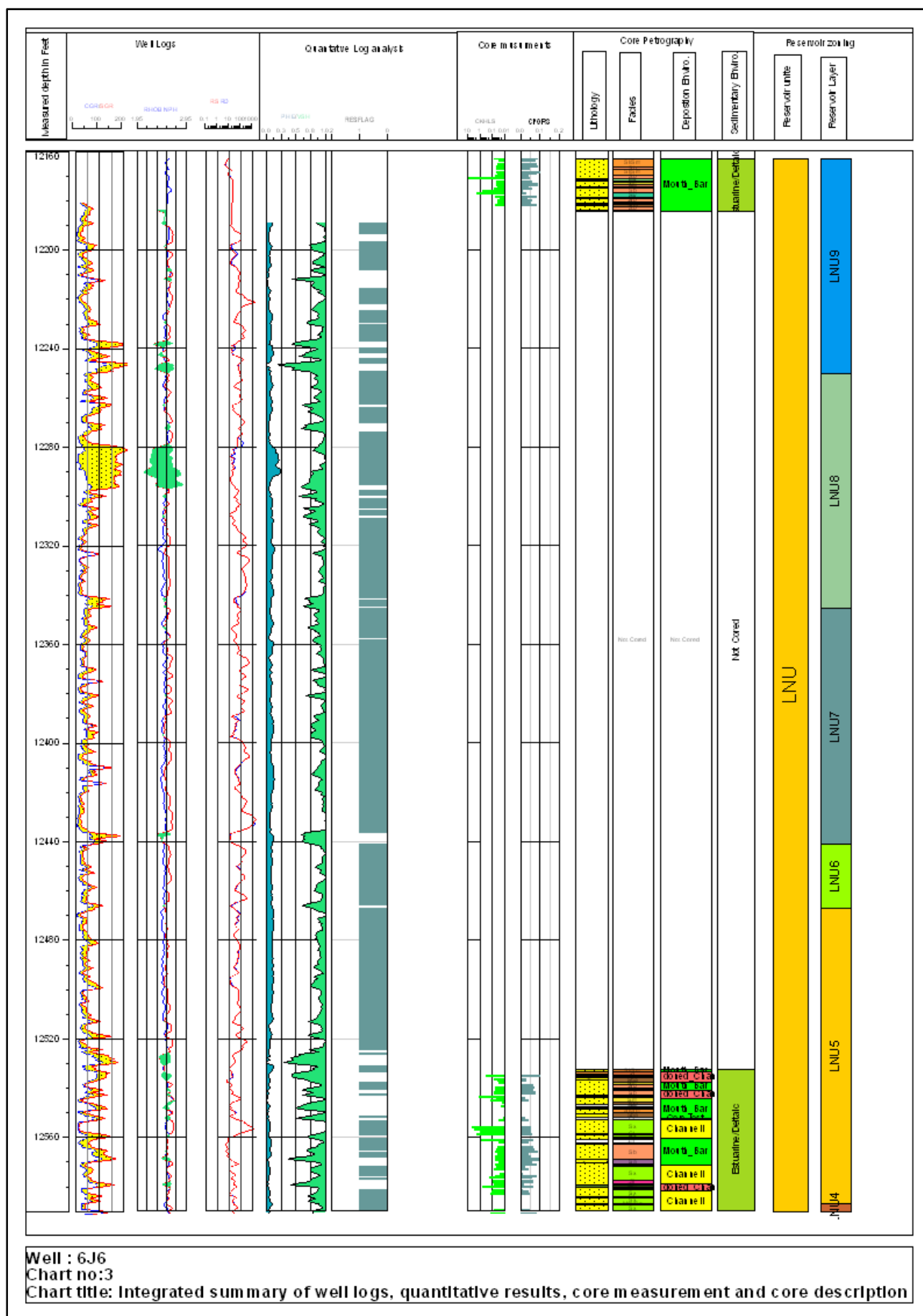


Fig. 1-3 Integrated Interpretation Chart Well: 6J6

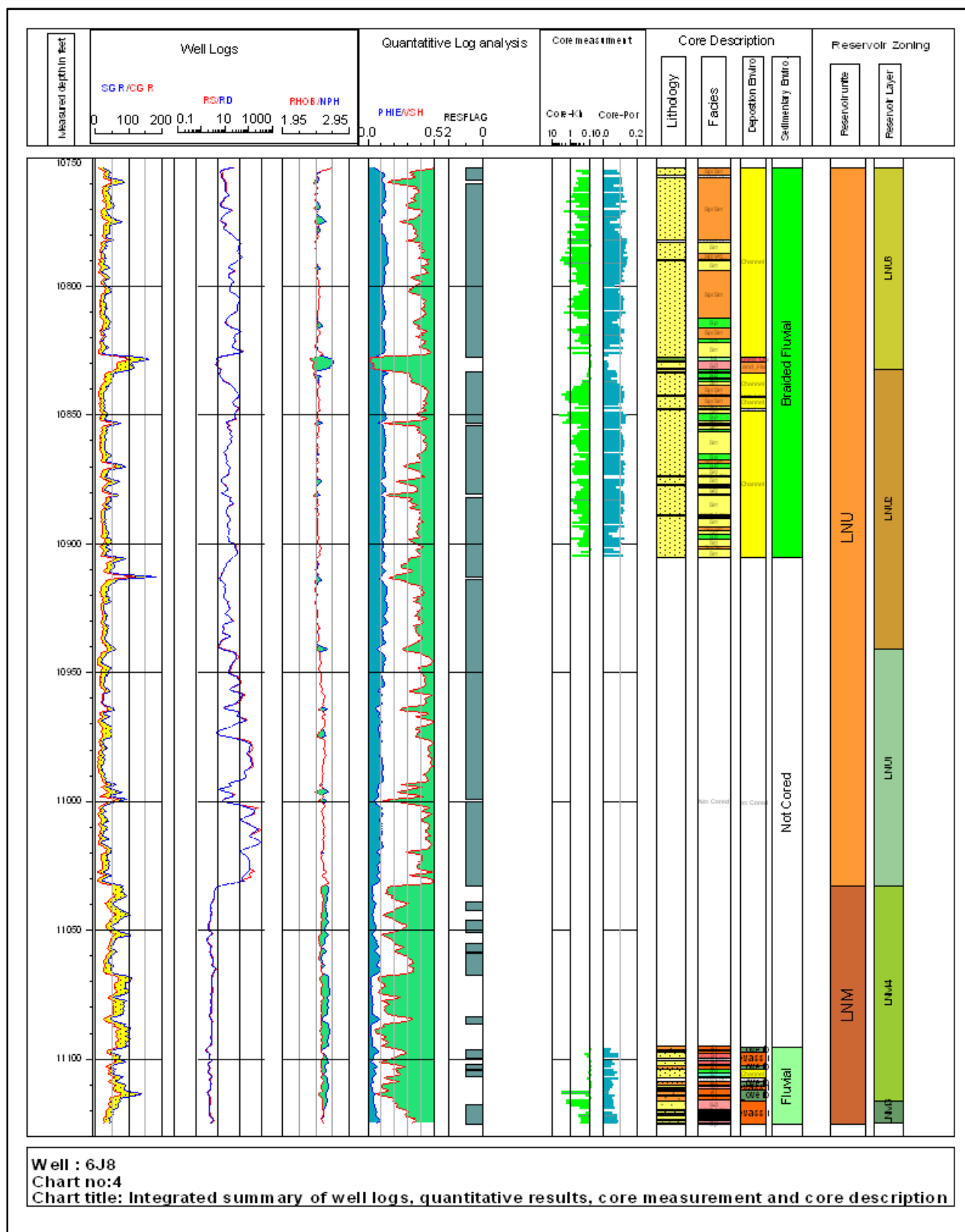


Fig. 1-4 Integrated Interpretation Chart Well: 6J8

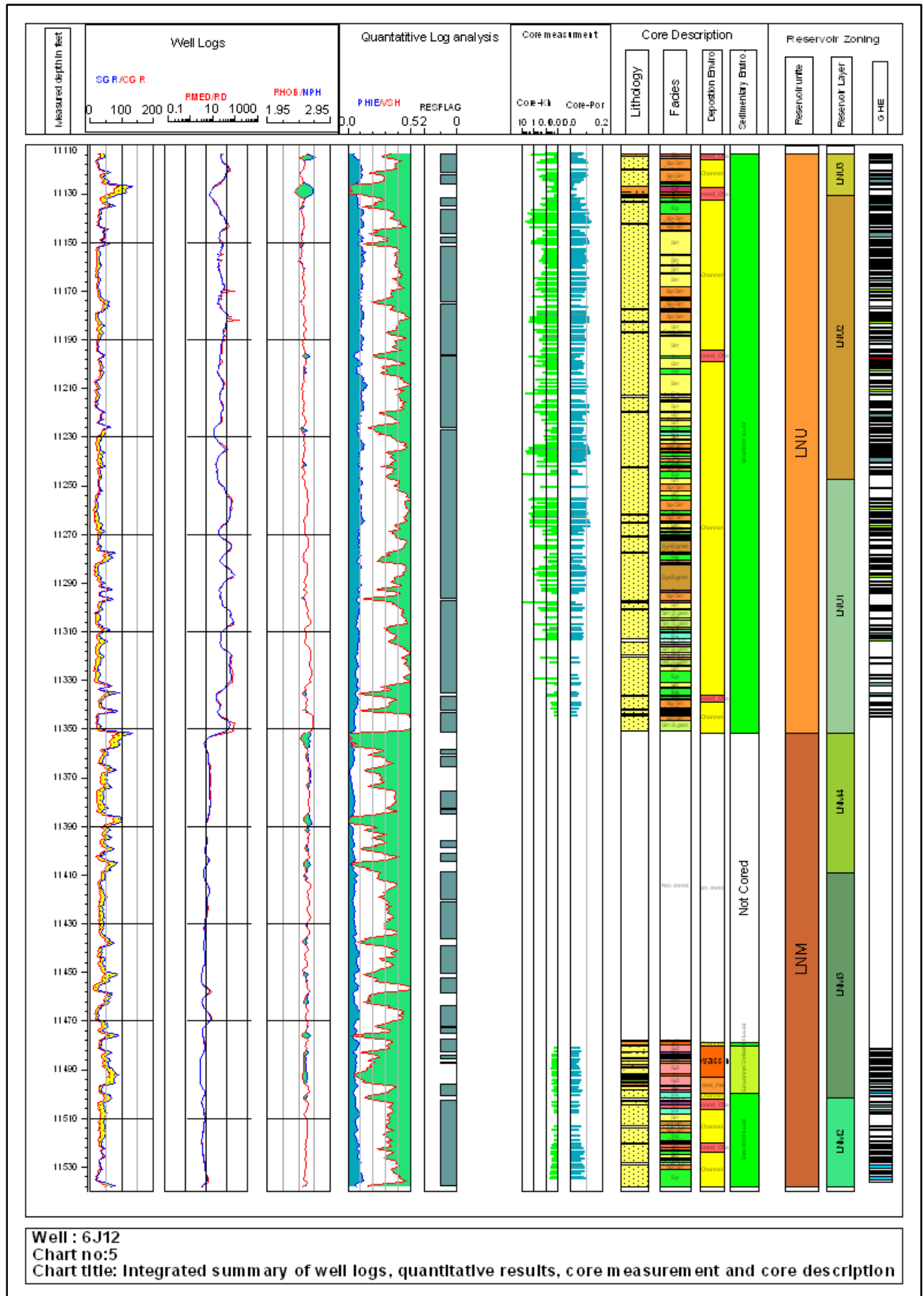


Fig. 1-5 Integrated Interpretation Chart Well: 6J12

2 FACIES LOG RESPONSE

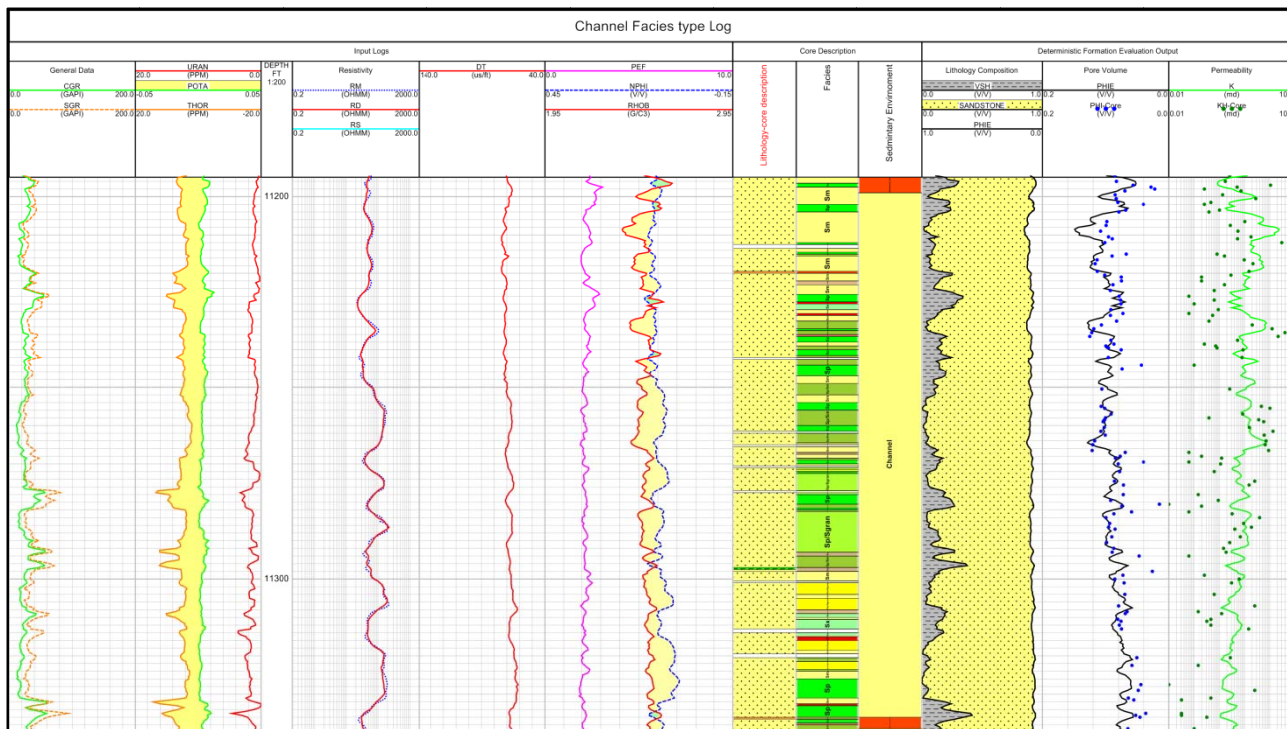


Fig. 2-1 Channel Facies Log Response

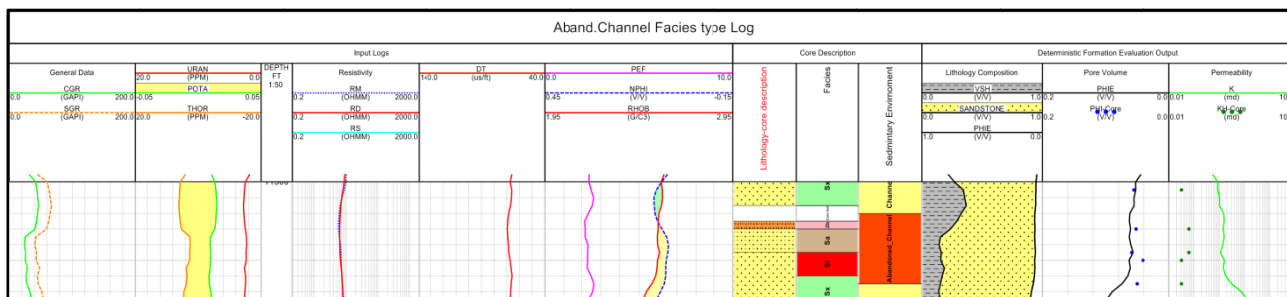


Fig. 2-2 Aband. Channel Facies Log Response

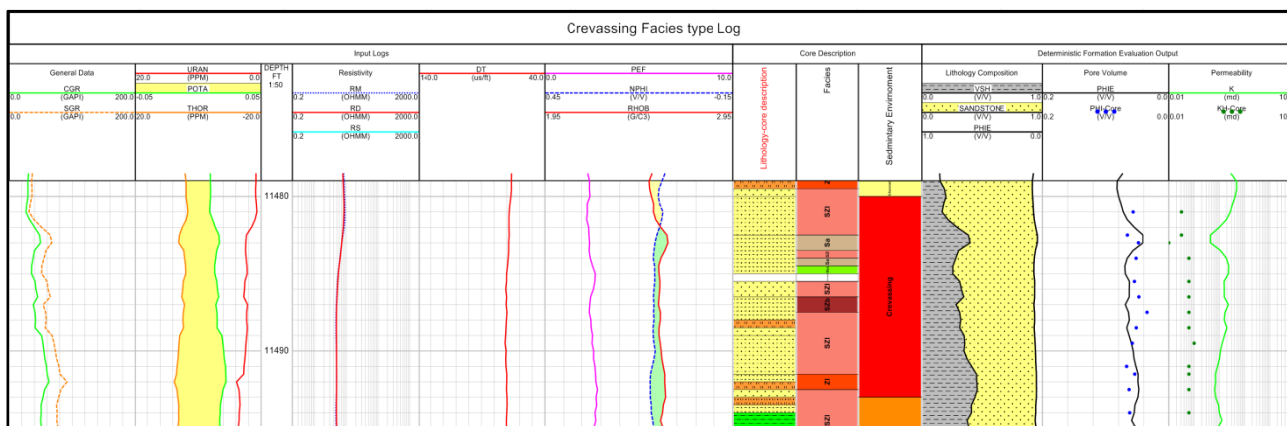


Fig. 2-3 Crevassing Facies Log Response

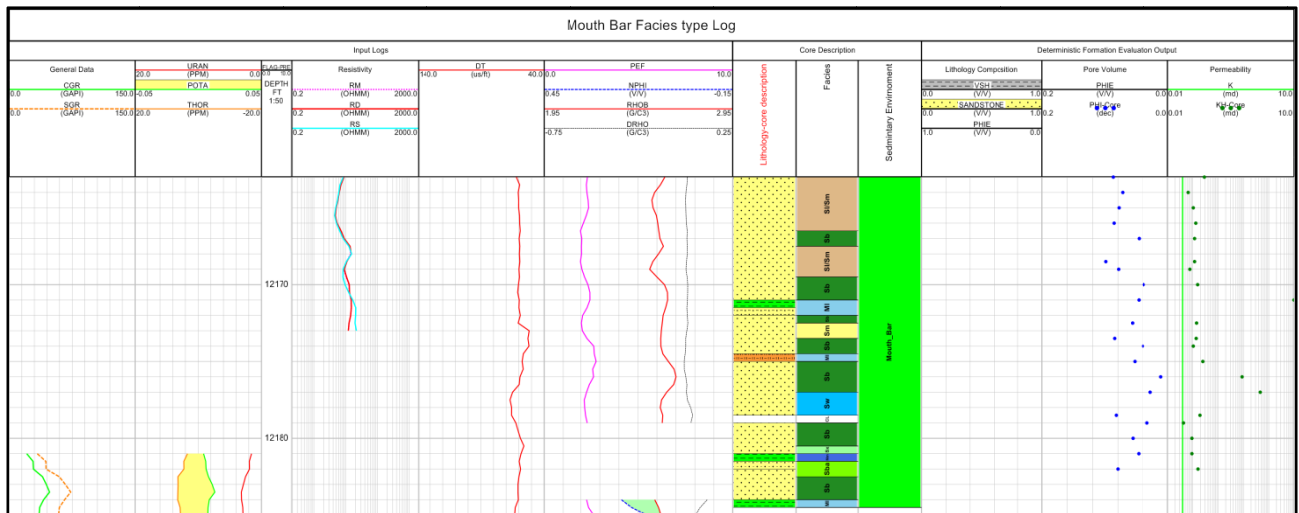


Fig. 2-4 Mouth Bar Facies Log Response

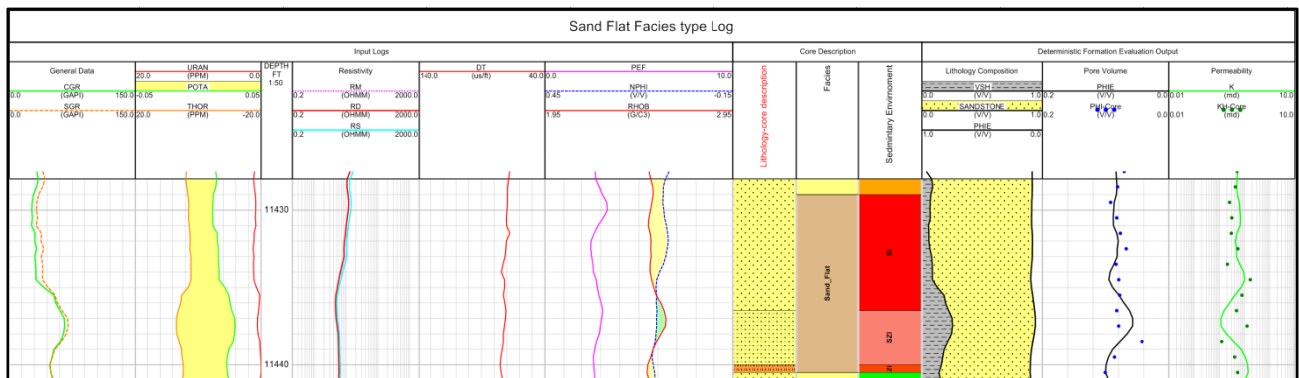


Fig. 2-5 Sand Flat Facies Log Response

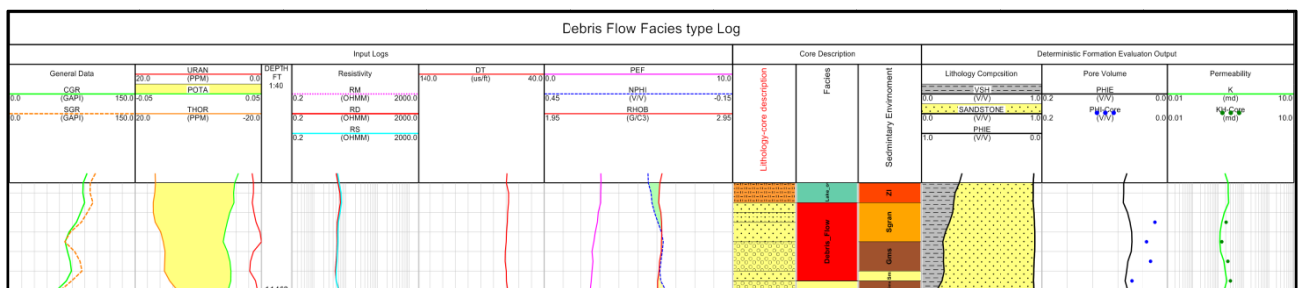


Fig. 2-6 Debris Flow Facies Log Response

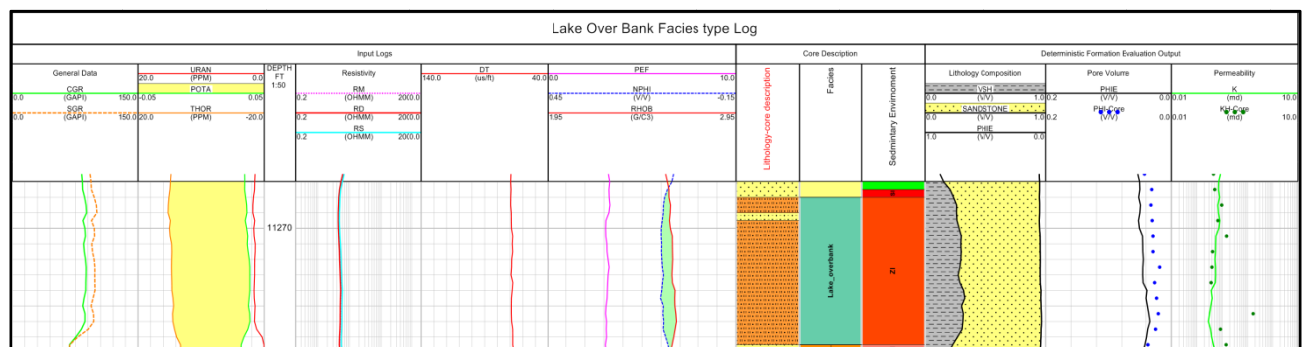


Fig. 2-7 Lake Over Bank Facies Log Response

APPENDIX 2:

QUANTITATIVE WELL-LOG

ANALYSIS

CROSS-PLOTS

1 PARAMETERS CROSS-PLOTS

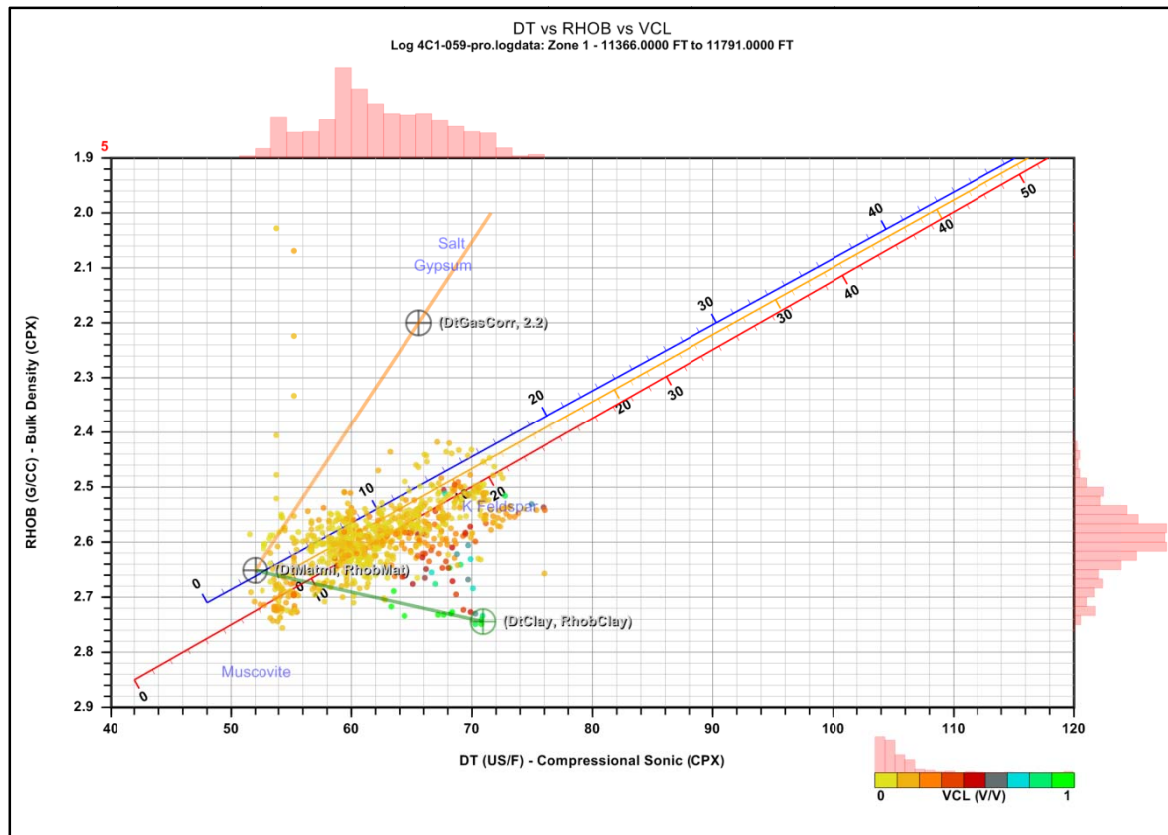


Fig. 1-1 Interpretation Parameters well: 4C1

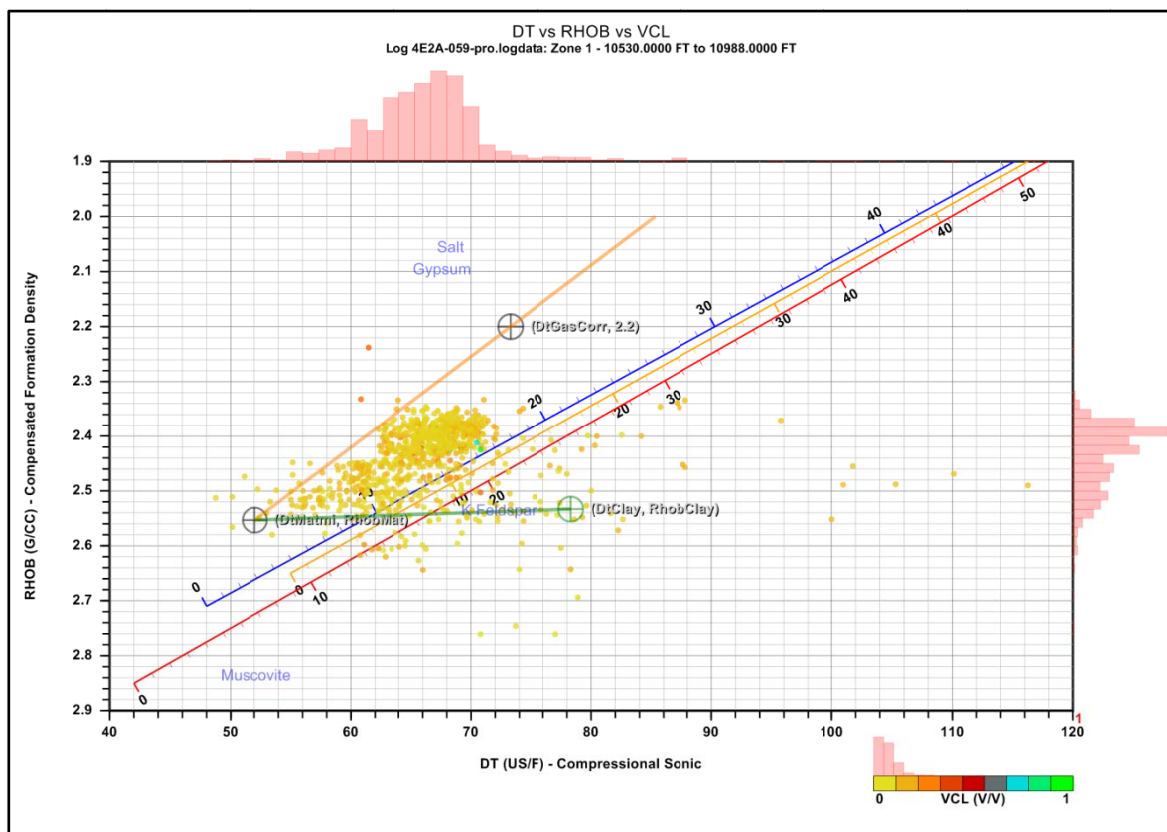


Fig. 1-2 Interpretation Parameters well: 4E2A

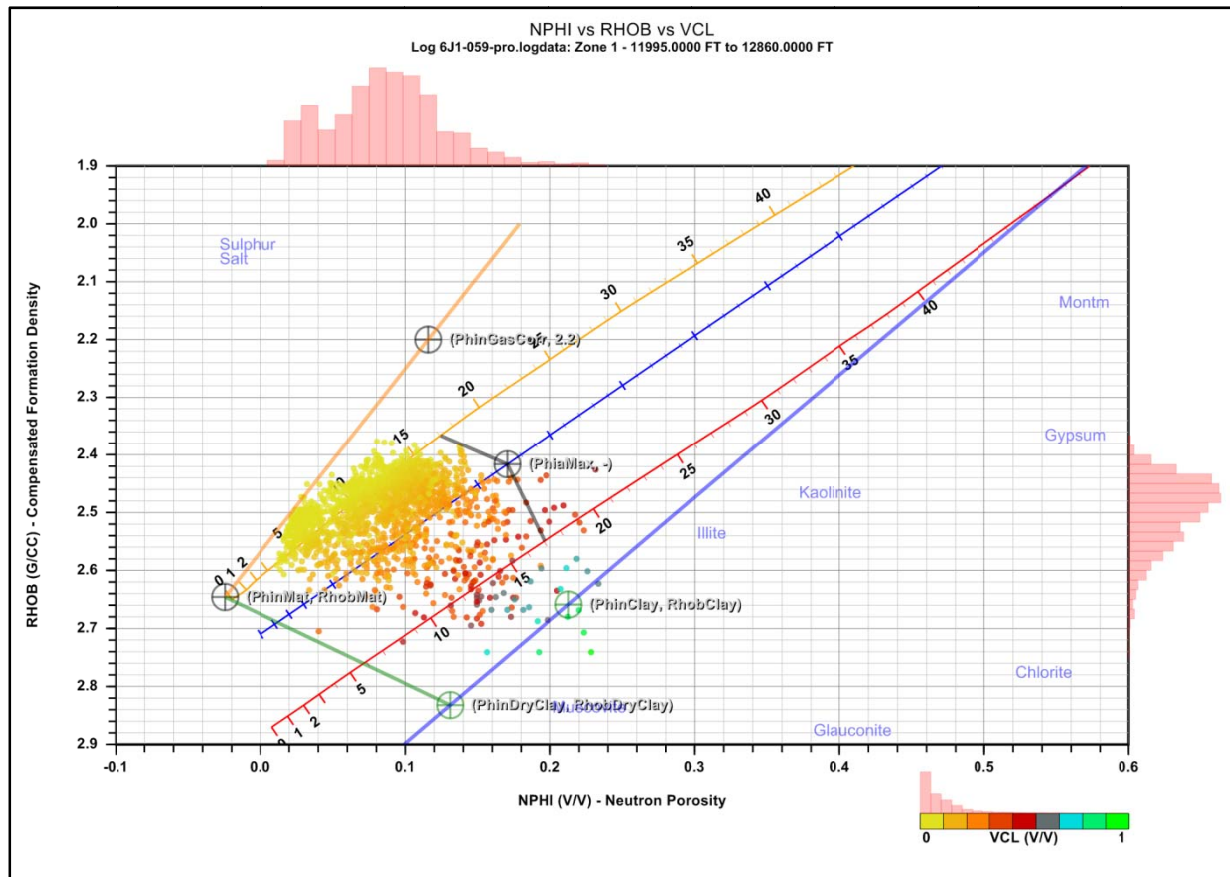


Fig. 1-3 Interpretation Parameters well: 6J1

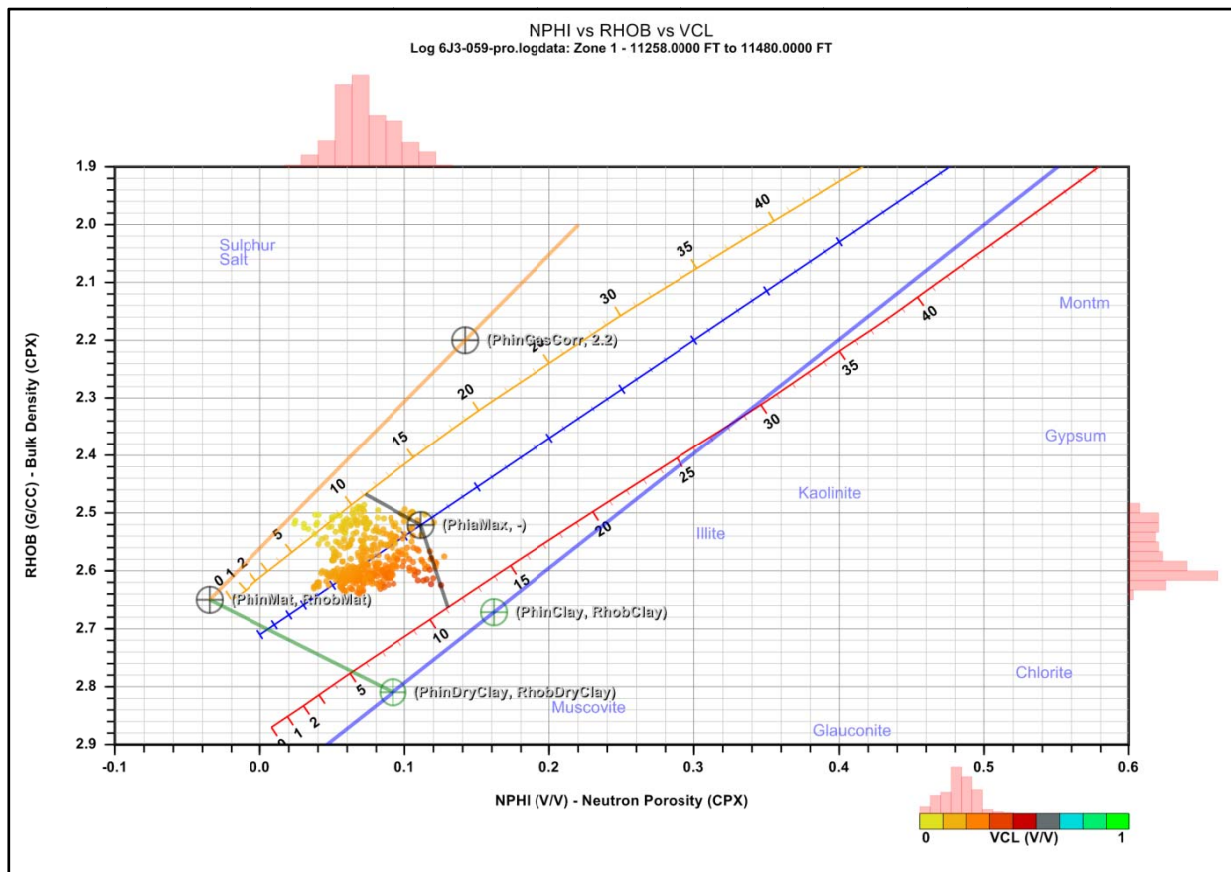


Fig. 1-4 Interpretation Parameters well: 6J3

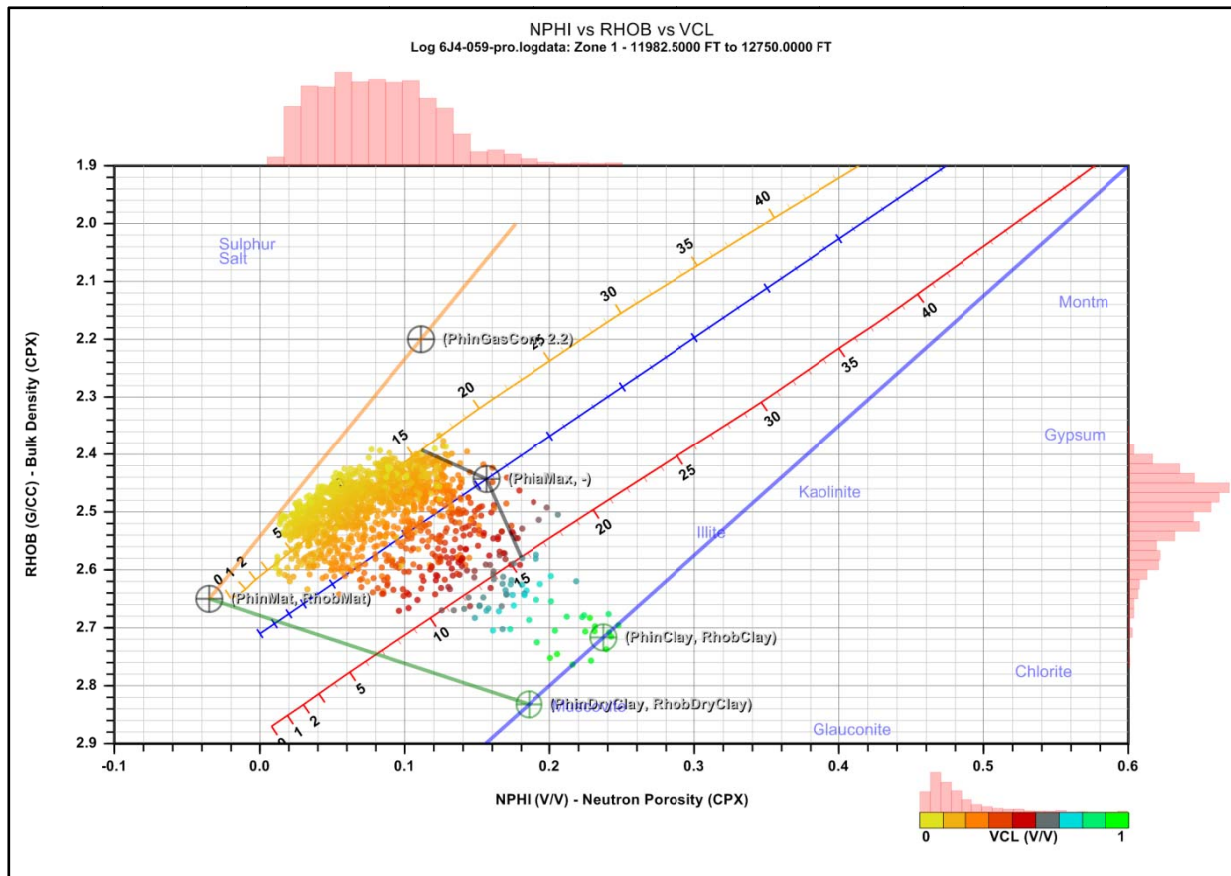


Fig. 1-5 Interpretation Parameters well: 6J4

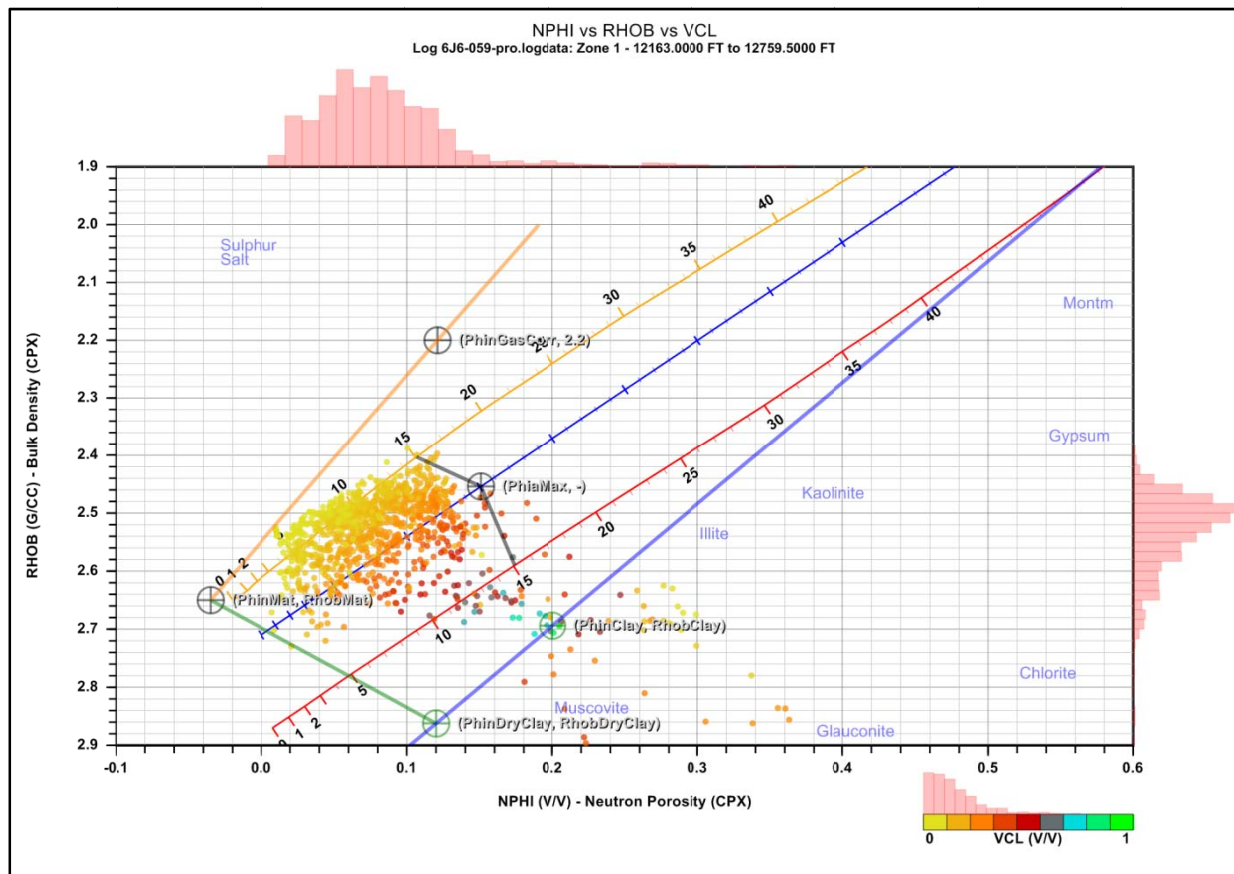


Fig. 1-6 Interpretation Parameters well: 6J6

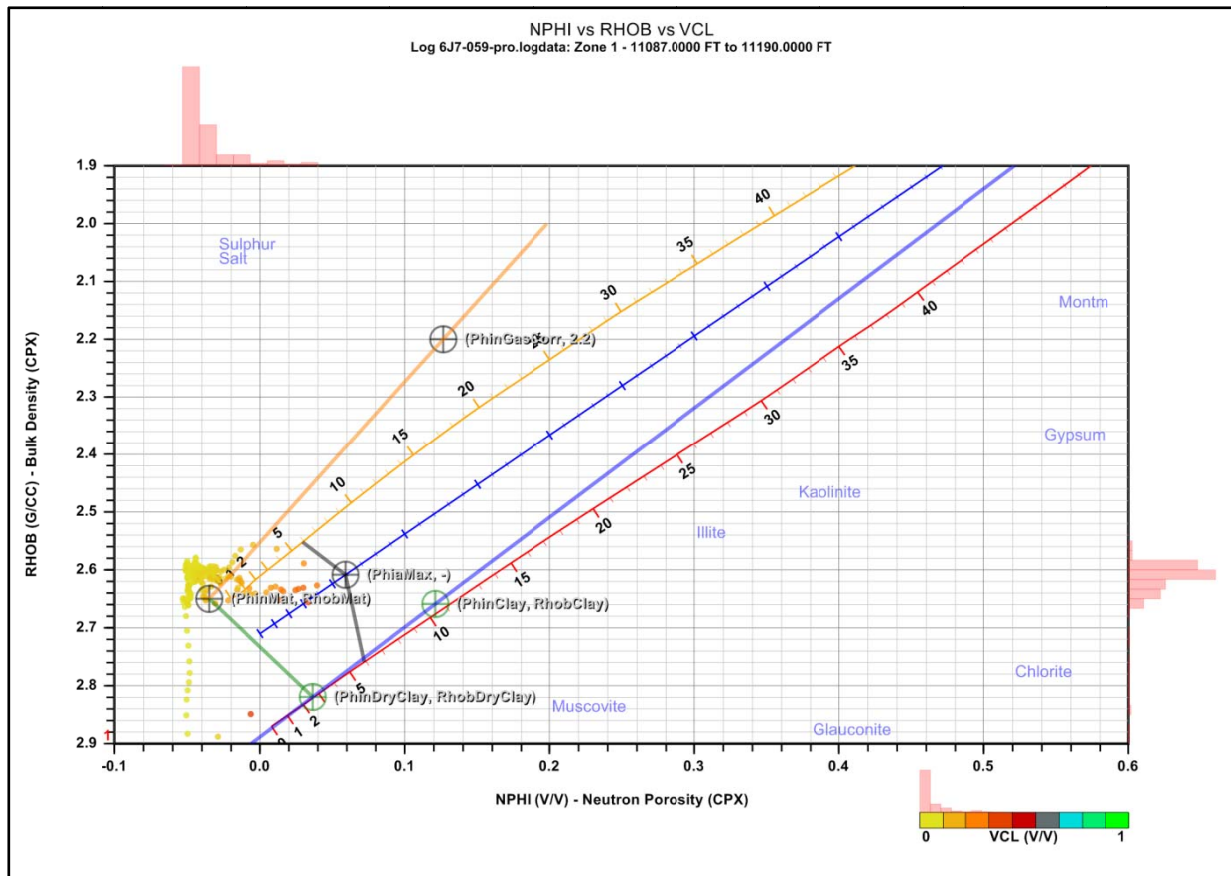


Fig. 1-7 Interpretation Parameters well: 6J7

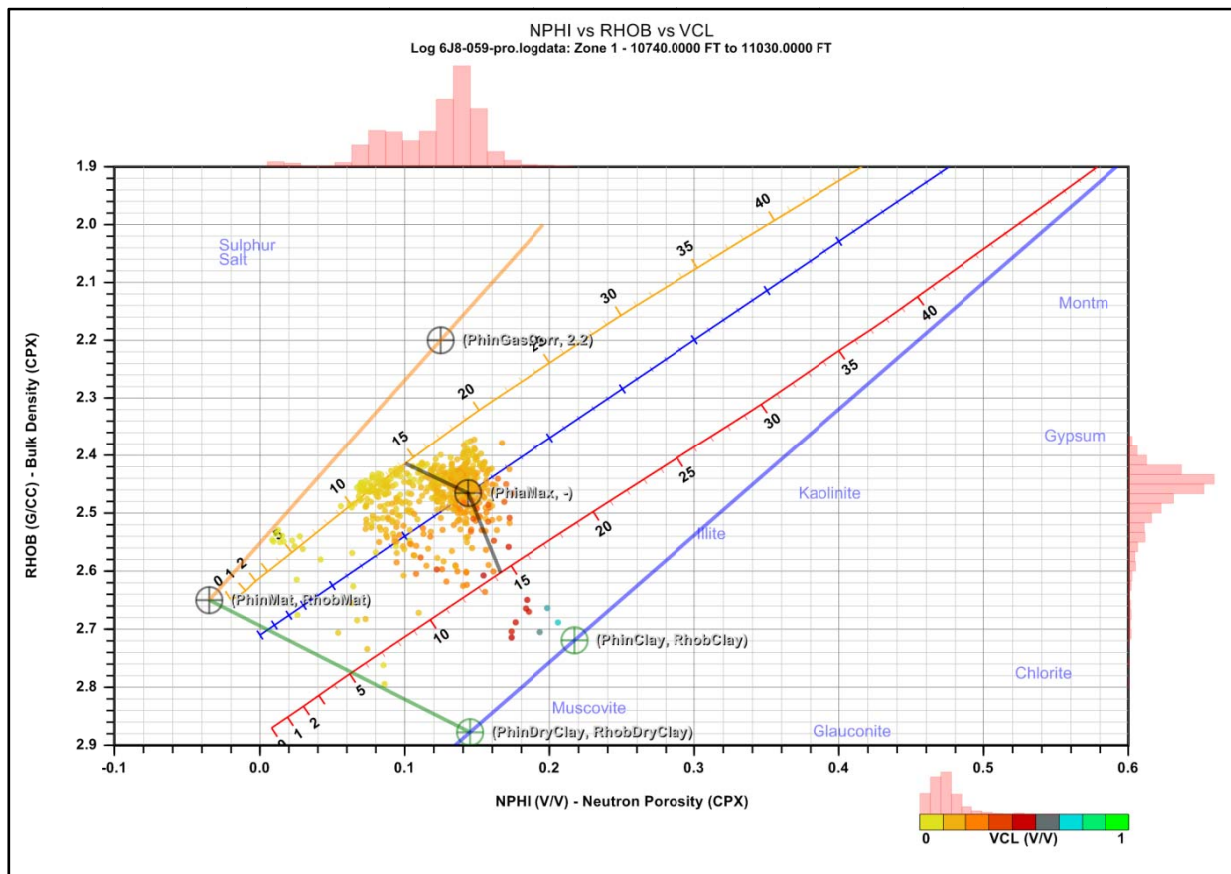


Fig. 1-8 Interpretation Parameters well: 6J8

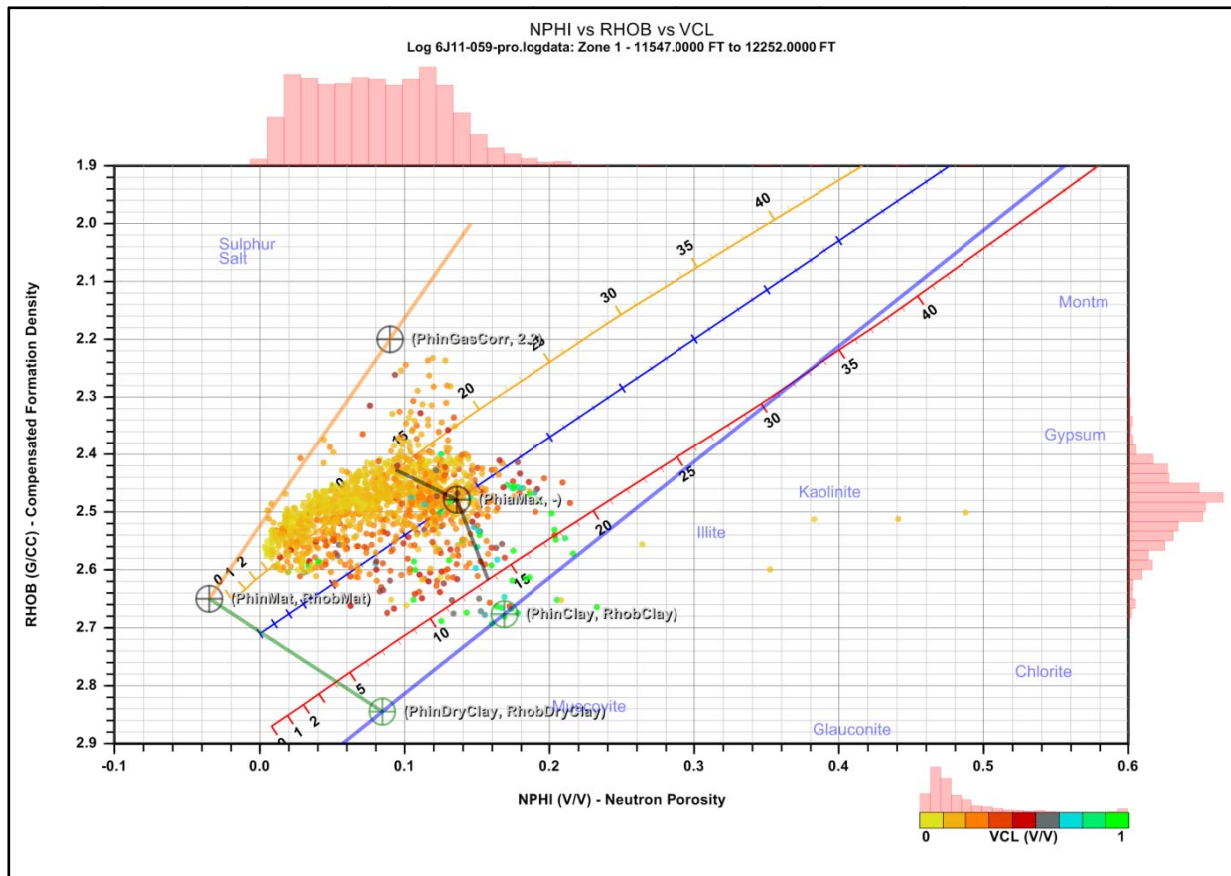


Fig. 1-9 Interpretation Parameters well: 6J11

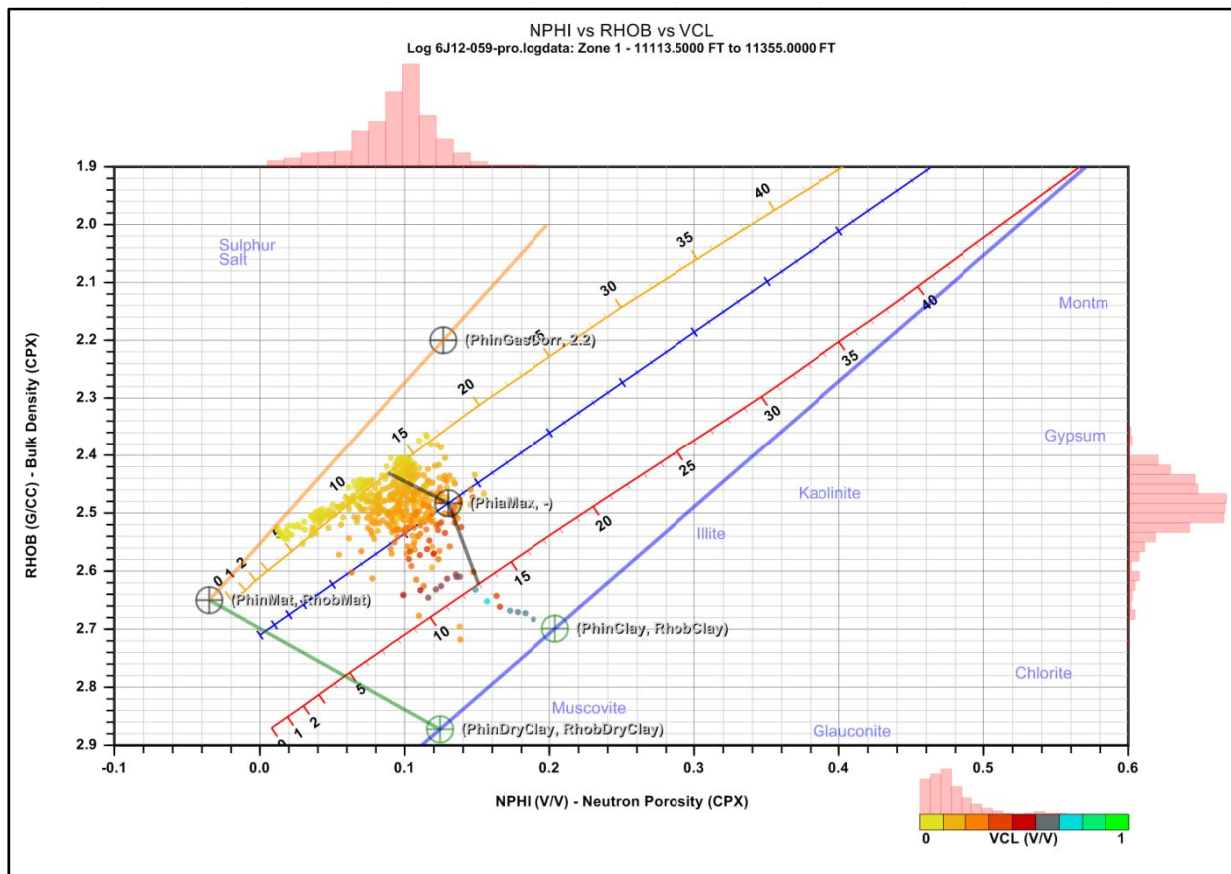


Fig. 1-10 Interpretation Parameters well: 6J12

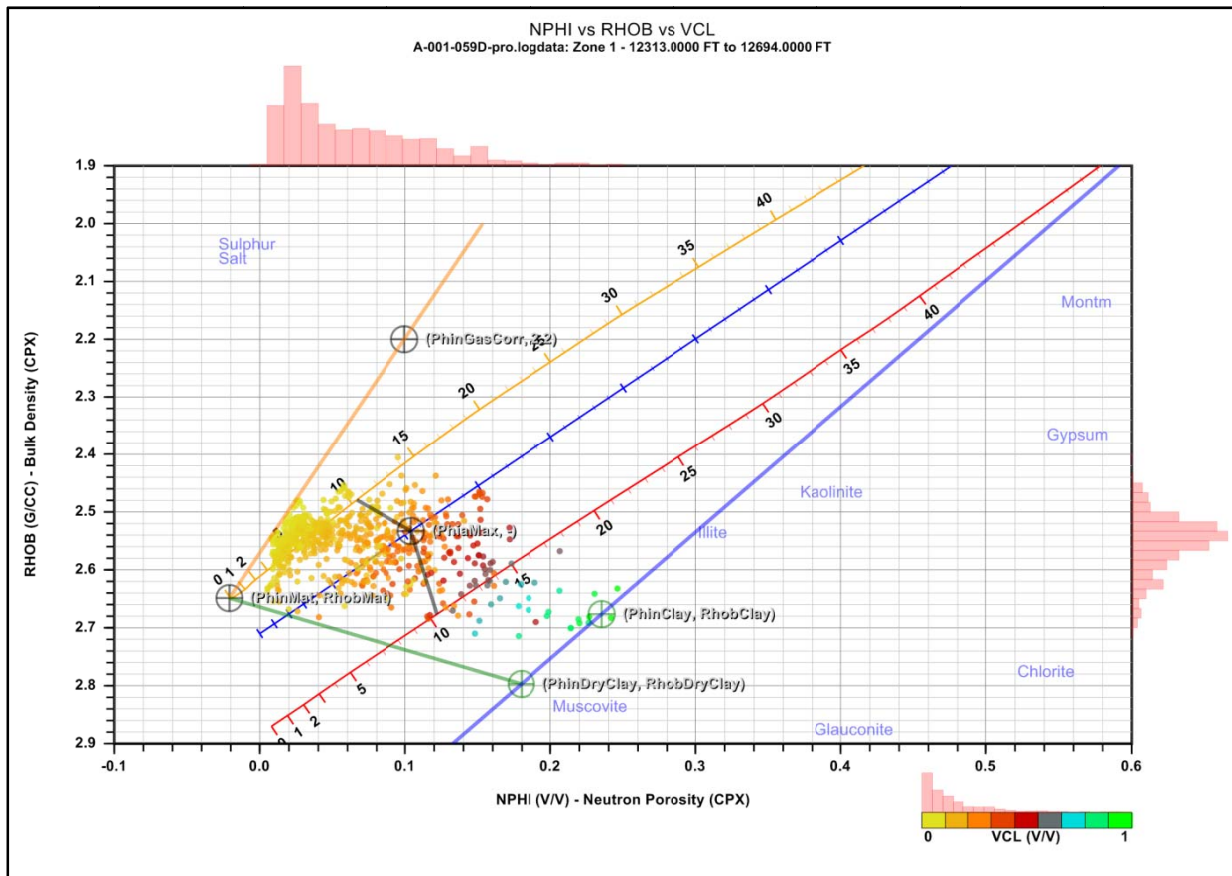


Fig. 1-11 Interpretation Parameters well: A1

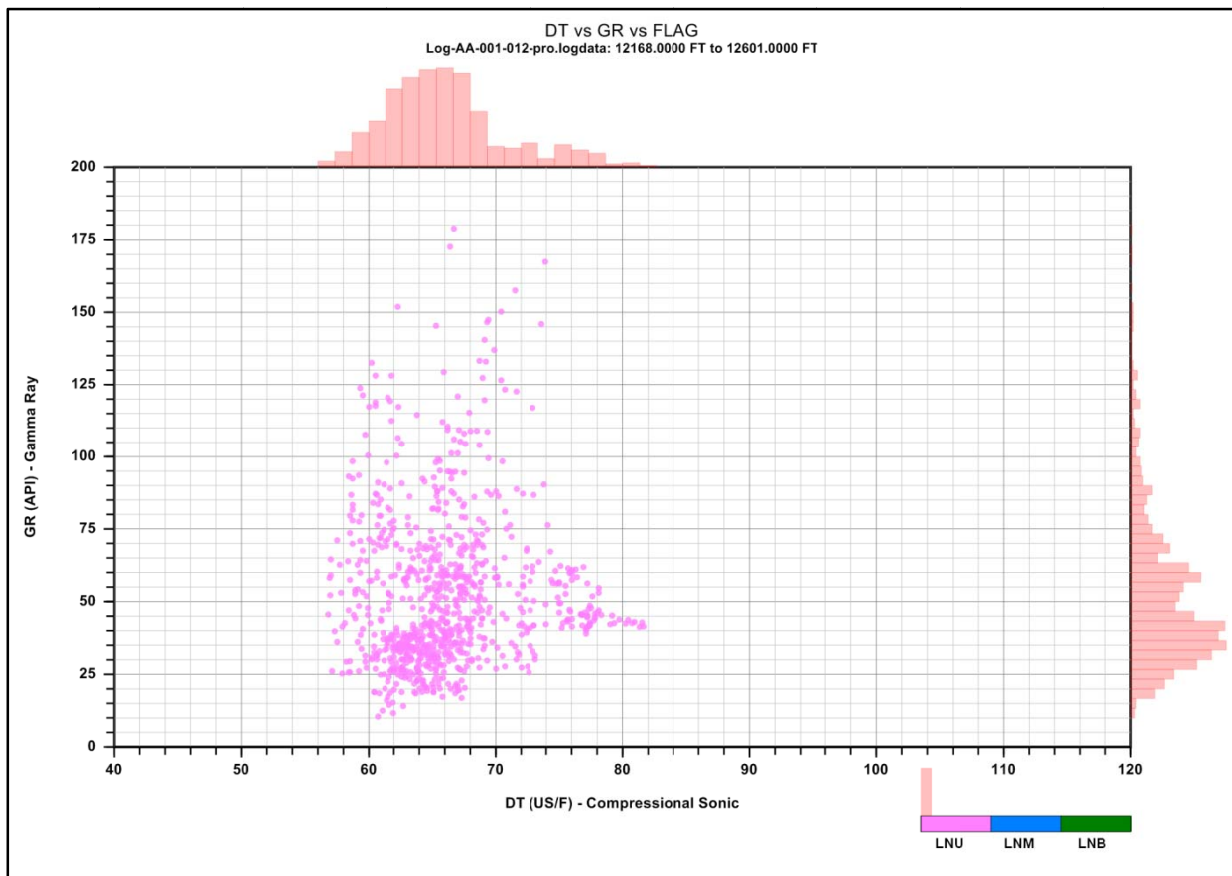


Fig. 1-12 Interpretation Parameters well: 2A1

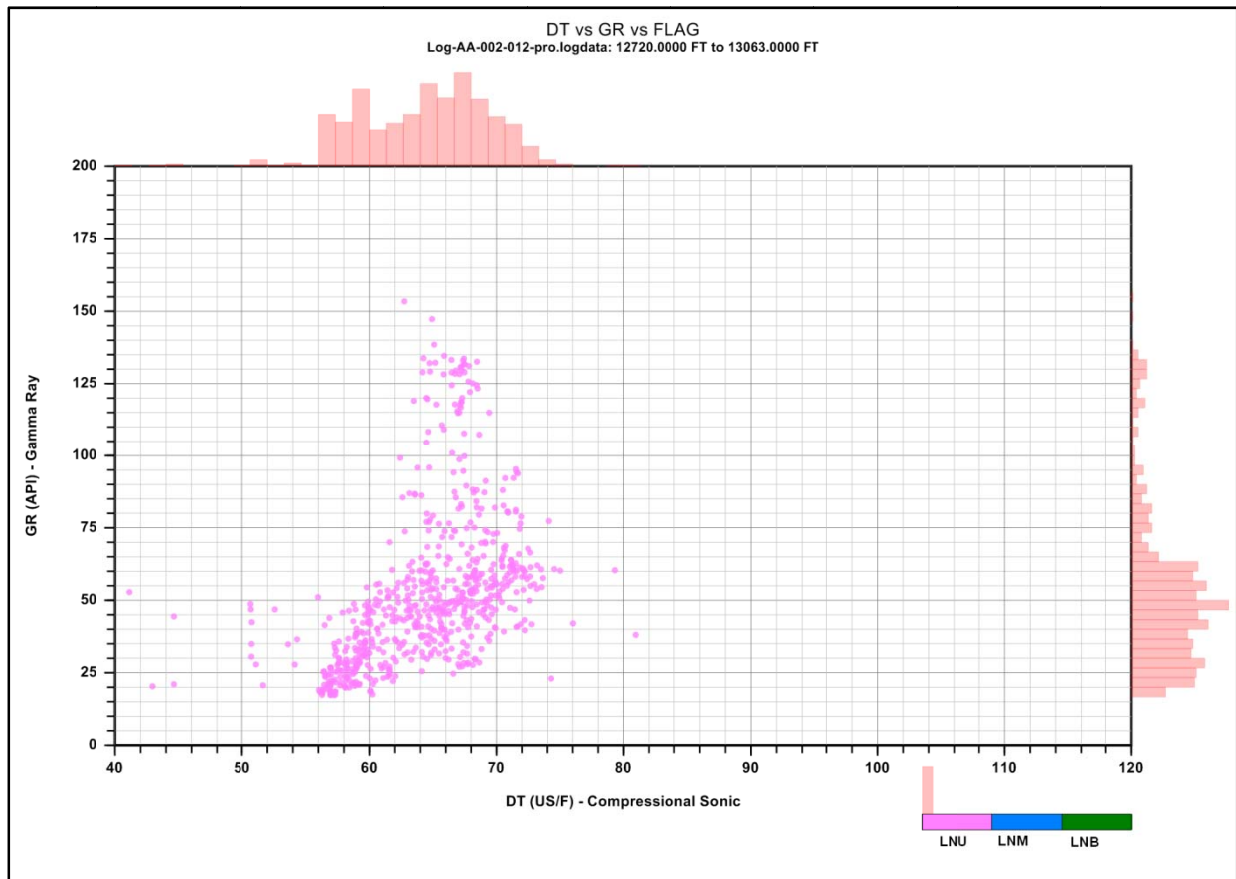


Fig. 1-13 Interpretation Parameters well: 2A2

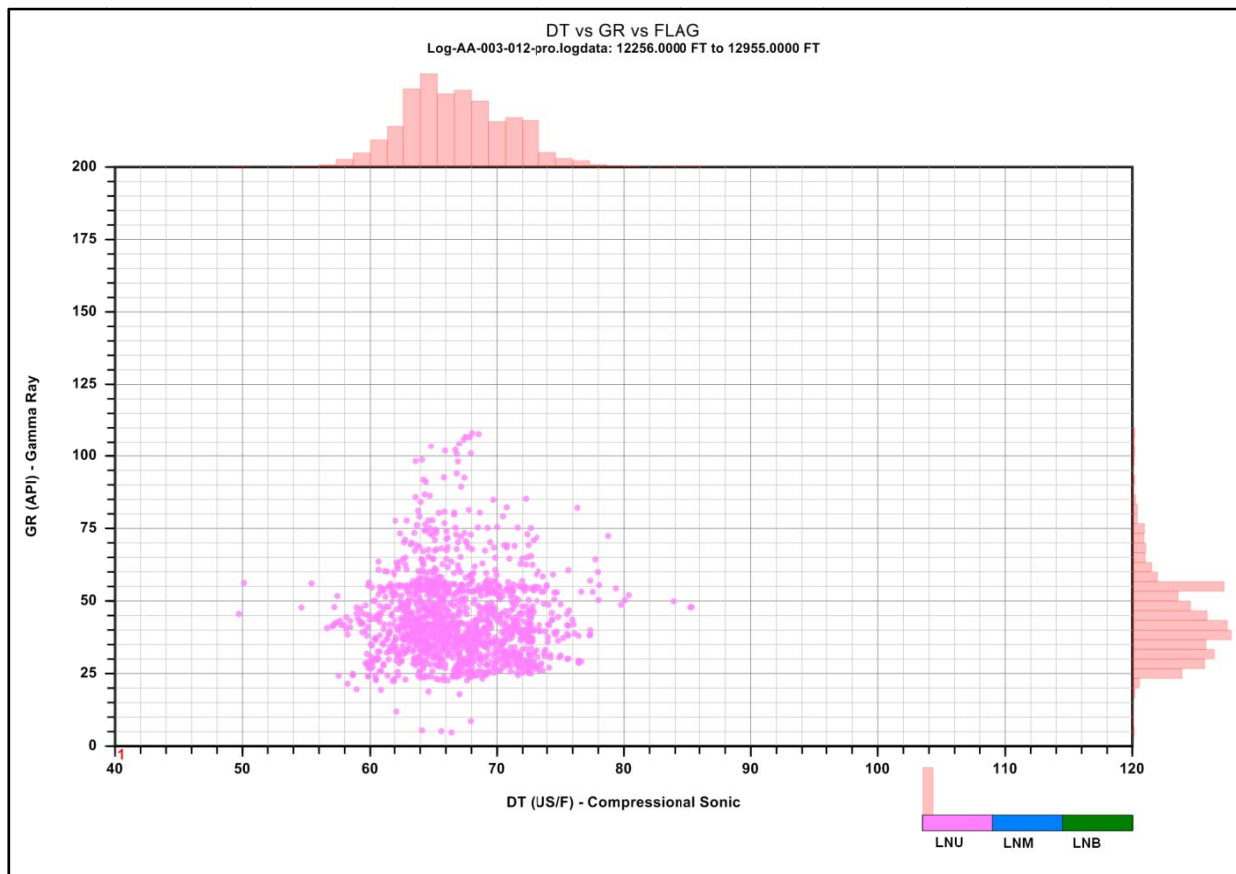


Fig. 1-14 Interpretation Parameters well: 2A3

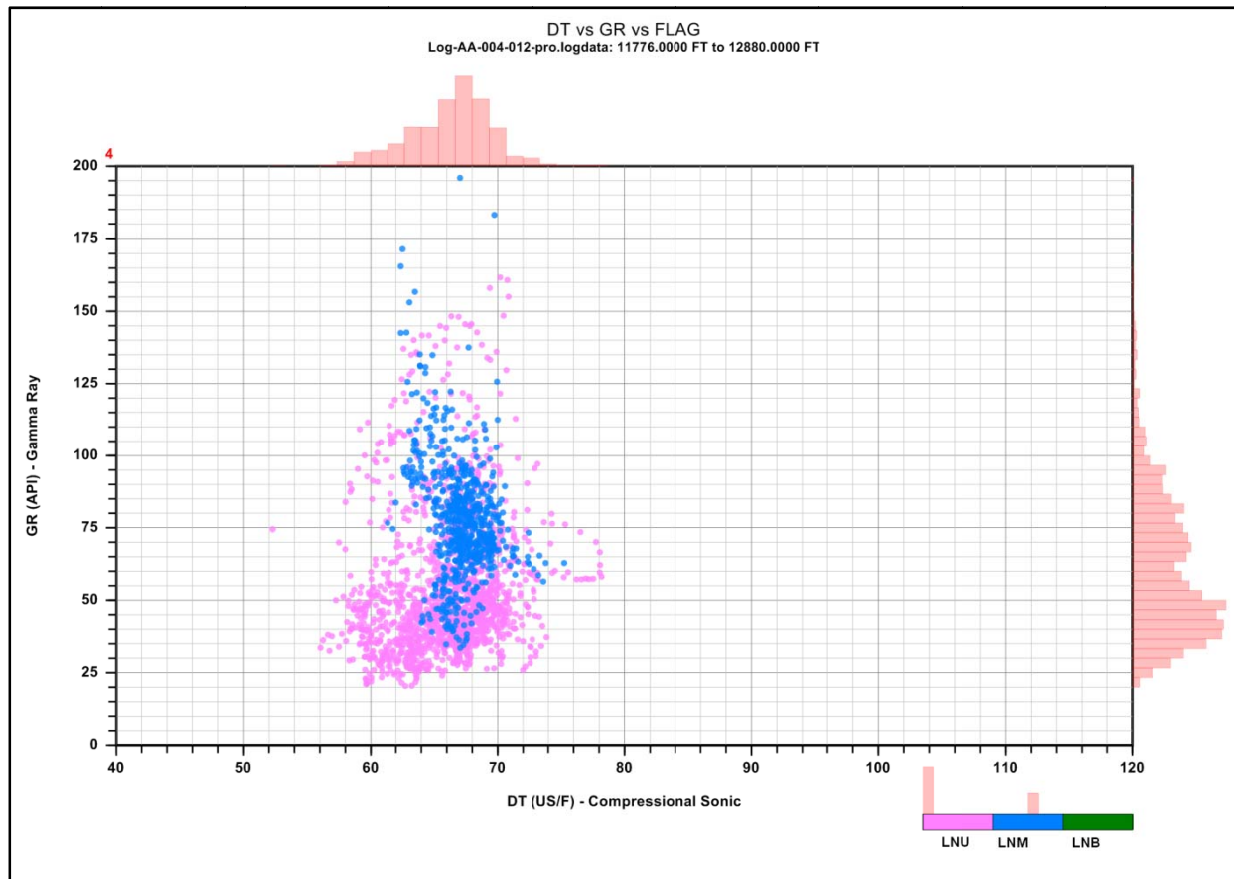


Fig. 1-15 Interpretation Parameters well: 2A4

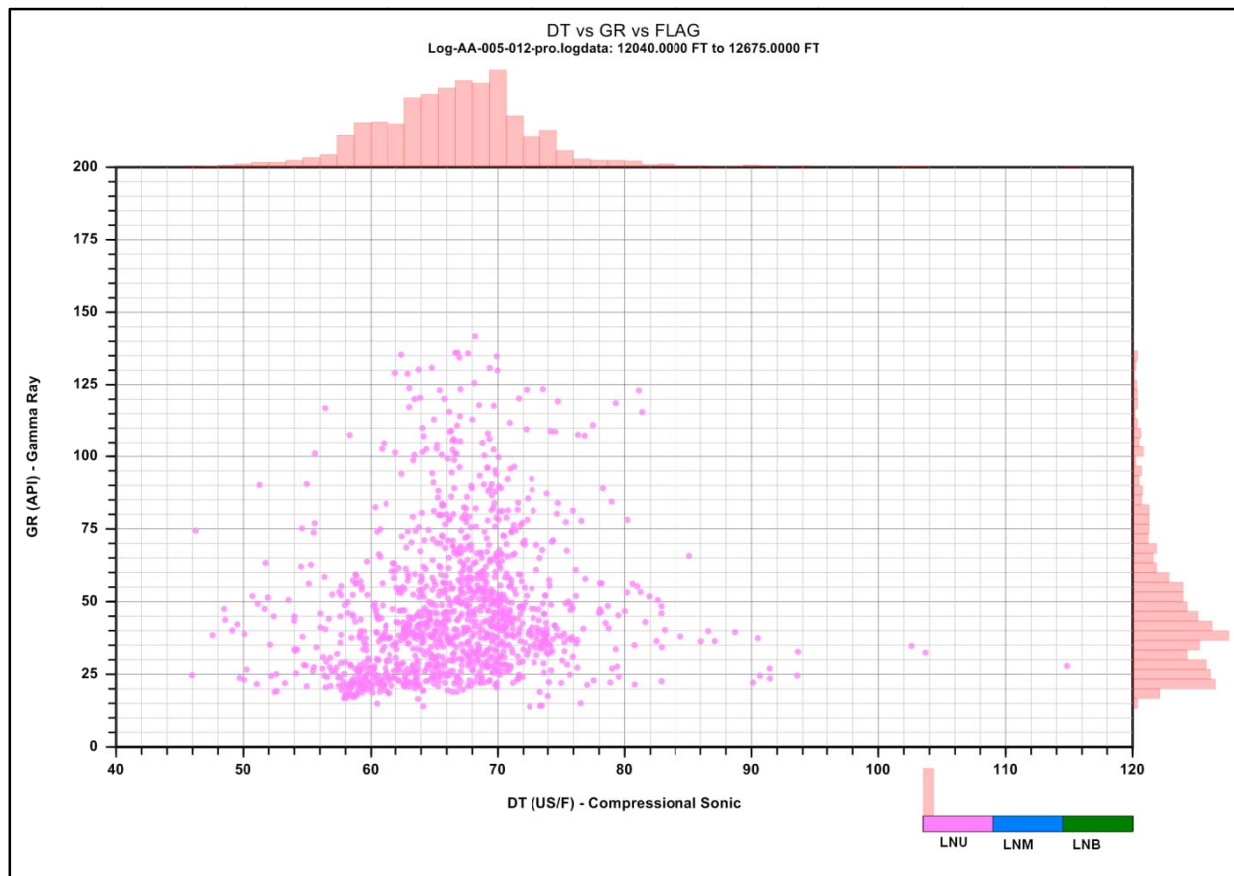


Fig. 1-16 Interpretation Parameters well: 2A5

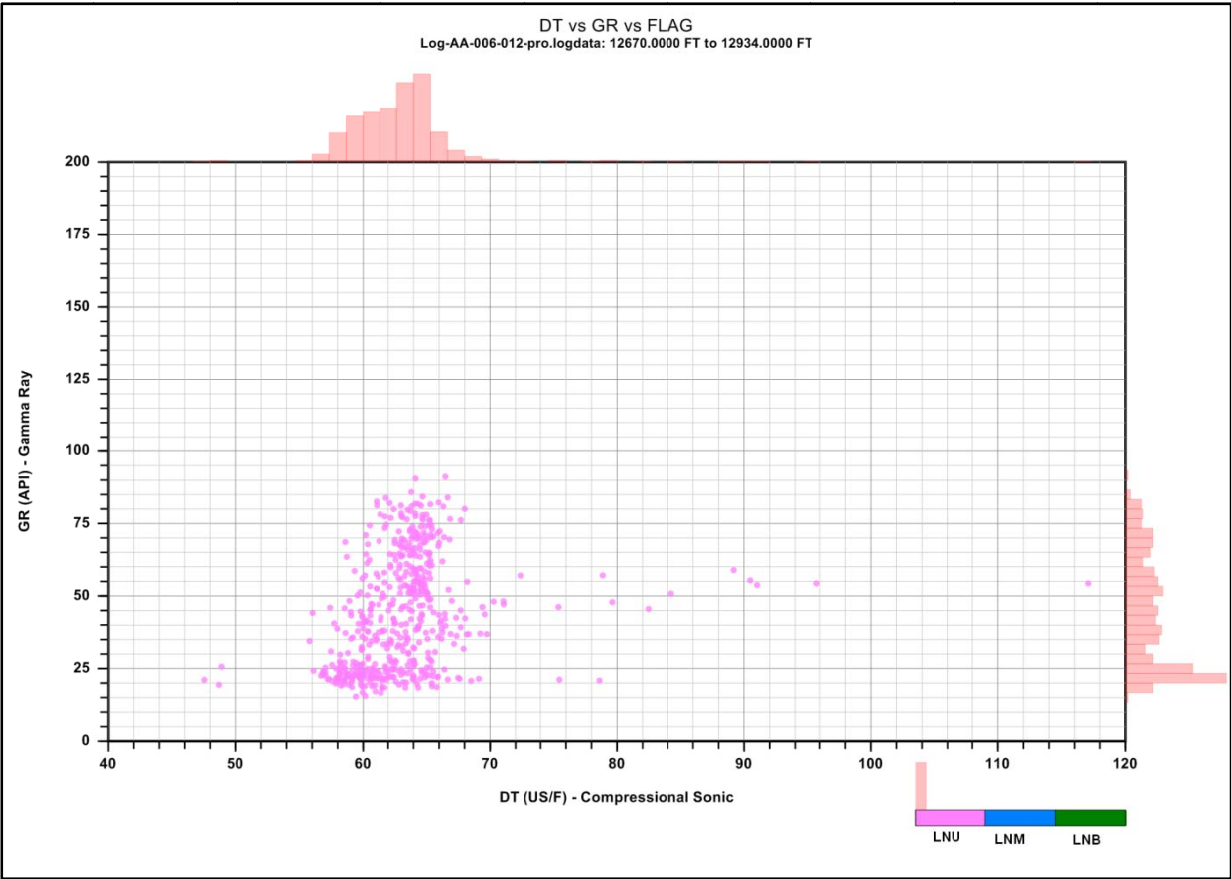


Fig. 1-17 Interpretation Parameters well: 2A6

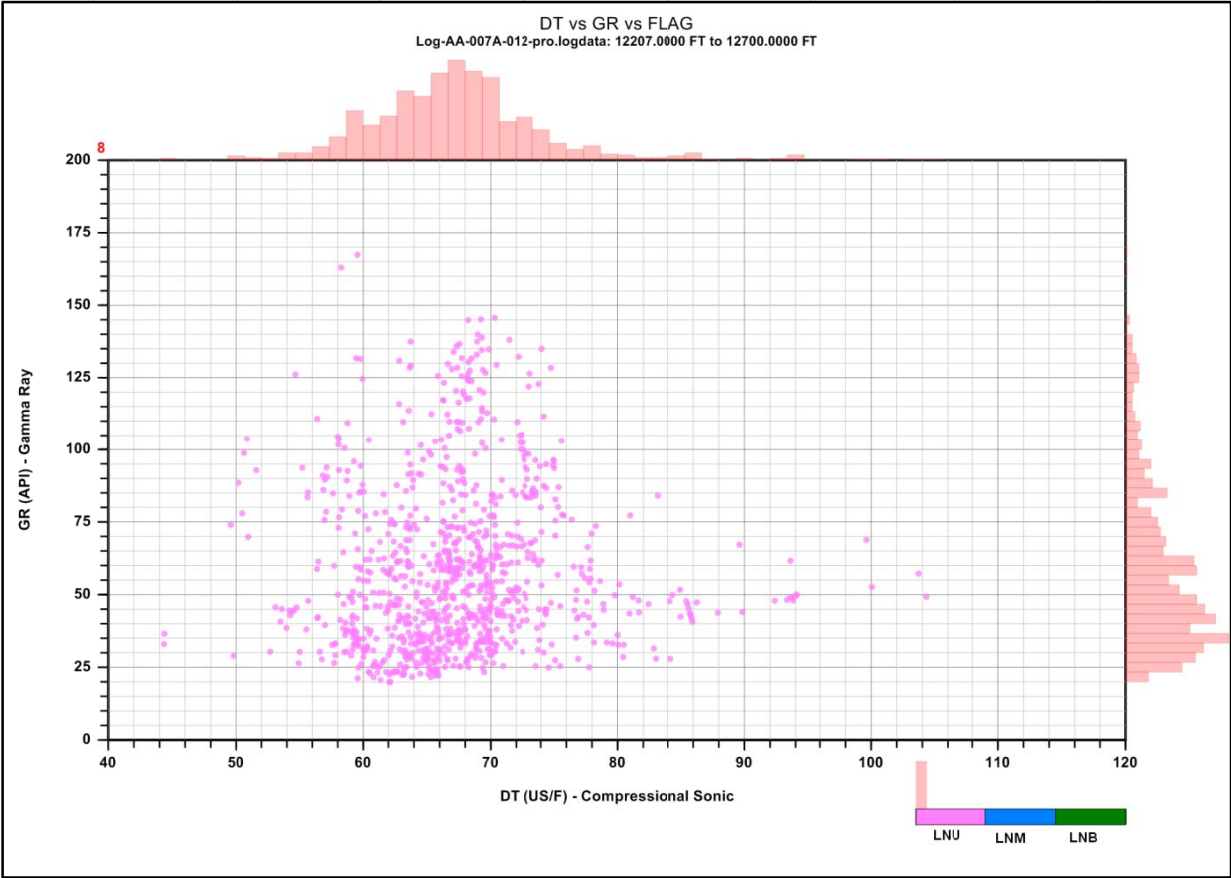


Fig. 1-18 Interpretation Parameters well: 2A7A