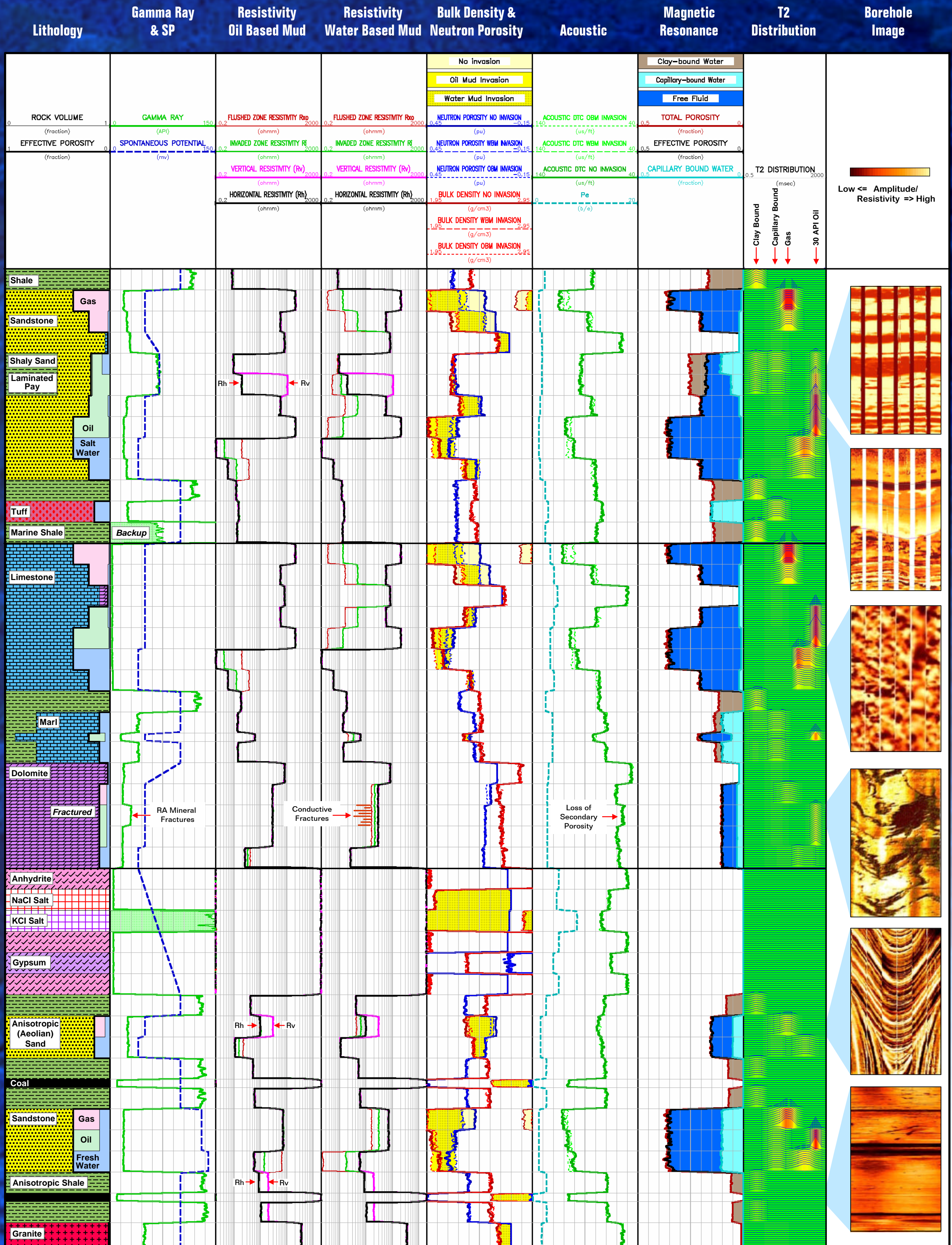


# Atlas of Log Responses



General Log Matrix Responses

Lithology	GR	Density	Neutron	Acoustic	Resistivity	PE
Sandstone	Low (Unless RA min)	2.65	-4	53	High	1.81
Limestone	Low	2.71	0	47.5	High	5.08
Shale	High	2.2-2.7 (water content)	High (water content)	50-150 (water content)	low (water content)	1-5
Dolomite	Low (higher if U)	2.87	+4	43	High	3.14
Anhydrite	V.Low	2.98	-1	50	V.High	5.06
Salt	Low (Unless K salt)	2.03 (1.87)	-3 (-2)	67 (74)	V.High	4.65
Water	0	1-1.1 (salt & temp)	100	180-190	0 - infinite (salt & temp)	0.36 (var)
Oil	0	0.6-1.0 (temp)	70-100 (H2 index)	210-240 (api)	V.High	Low
Gas	0	0.2-0.5 (pressure)	10-50 (H2 index)	-1000	V.High	Low

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**Baker Atlas INTEQ**  
 FORMATION EVALUATION

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