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CORRECTION

Correction to: Lithology and fluid discrimination using rock physics-based modified upper Hashin–Shtrikman bound: an example from onshore Niger Delta Basin

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In the original publication of the article, Table 2 and some of the figures (Figs. 8, 9) were incorrectly published, this has been corrected in this paper.

Table 2 Average values of some of the petrophysical parameters estimated

Well name	Gross interval (G)	Net reservoir (N)	N/G	φ_{av} (v/v)	Ave. φ_{eff} (v/v)	Sw_{av} (v/v)	Vsh_{av} (v/v)	Reservoir deposits	Fluid type	Reservoir quality
A	379.50	243.25	0.64	0.224	0.219	0.087	0.020	Distributary channel fill	Gas/brine	Very good
C	375.30	285.25	0.76	0.237	0.199	0.032	0.160	Shelf edge delta	?	Very good
D	528.50	306.50	0.58	0.233	0.220	0.112	0.052	Distributary channel fill	Gas/brine	Very good

The original article can be found online at https://doi.org/10.1007/s13202-020-01073-2.

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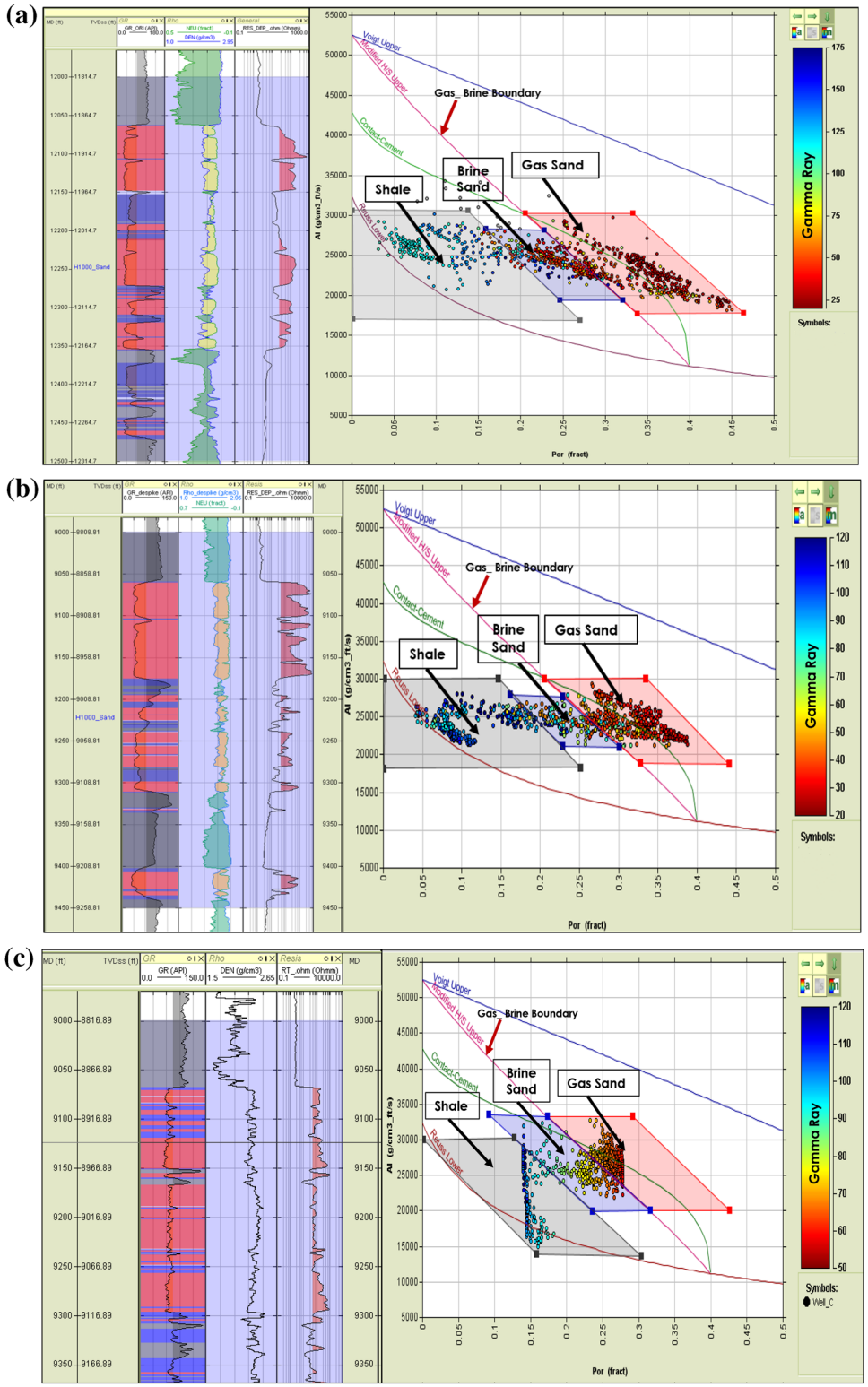

Fig. 8 **a** AI–Porosity plot for Well D showing lithology distribution and fluid type distribution. Red colour shade = gas sands, blue colour shade = brine sands, and grey colour shade = shale. Insert colour bar-Gamma ray. *Note* The gas–brine boundary is the modified upper Hashin–Shtrikman bound line. **b** AI–Porosity plot for Well A showing lithology distribution and fluid type distribution. Red colour shade = gas sands, blue colour shade = brine sands, and grey colour shade = shale. Insert colour bar-Gamma ray. *Note* The gas–brine boundary is the modified upper Hashin–Shtrikman bound line. **c** AI–Porosity plot for Well C showing lithology distribution and fluid type distribution. Red colour shade = gas sands, blue colour shade = brine sands, and grey colour shade = shale. Insert colour bar-Gamma ray. *Note* The gas–brine boundary is the Hashin-Shtrikman bound line

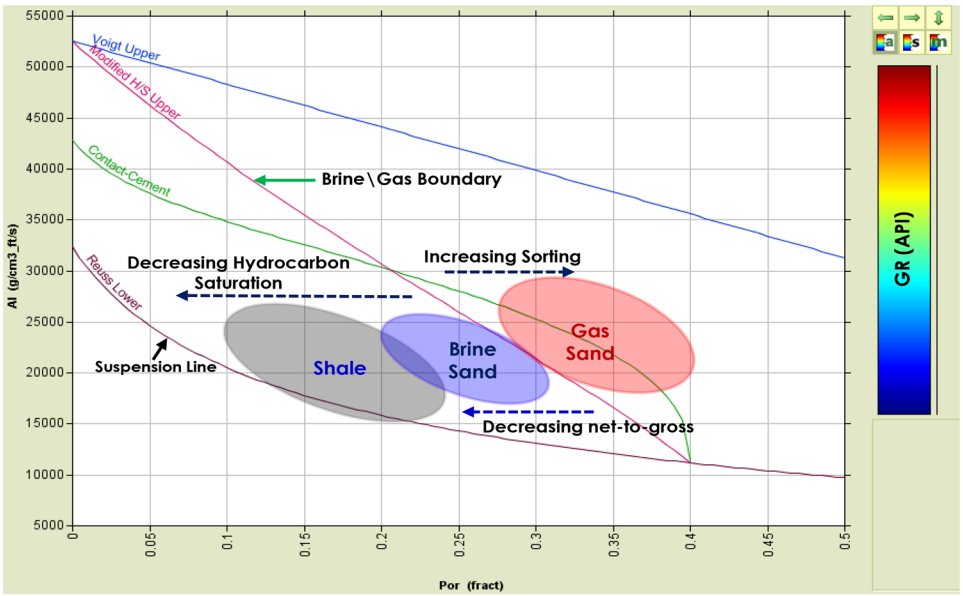

Fig. 9 A conceptual rock physics template model applicable for the study area showing lithologies and fluids as well as porosity trend lines