

Age	Formation	Description	Environment	Petroleum
Pleistocene	Erin	Medium to fine grained sands and clays	Most recent sequence; transitional marine in west to shelf slope in east	Gas/condensate
Late Pliocene	Palmiste	Thick medium to fine grained sands; some clay and silt beds; basal clays coarsening upwards to interbedded clays and fine grained sands	Continuation of third sequence; unconformity between Palmiste and Mayaro; to west transitional to non-marine environment; deep marine environment to east	Gas/condensate Oil
Early Pliocene	Mayaro	Fine grained sands, interbedded with silts and clays; passing into shale	Third sequence; stable shelf, non-marine to transitional-marine environment; environment shifts to pro-delta moving from west to east	Oil
	Upper Gros Morne	Sand	Transitional-marine to non-marine environment; reservoir	Oil
	Middle Gros Morne	Gray silts and thin sands	Second regressive sequence; middle to outer shelf conditions	Oil
	Lower Gros Morne	Deep marine shale coarsening upward to shallow-marine sand	First deposits of the Orinoco delta; first coarsening upward sequence	Oil
Late Miocene	Lower Cruse	Clay	Marine Conditions before growth of the Orinoco Delta into the basin	Probable Source