Sahara PVT Reservoi Reservoir Visualization, Analysis & Management Software

ENe

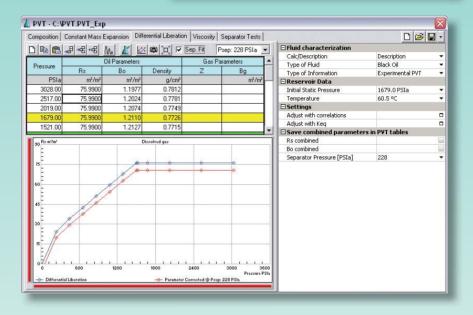
PVT analyses have been developed in order to obtain the different parameters needed to describe the fluids behavior under different pressure, temperature and composition conditions. They are laboratory experiments that intend to represent the behavior and processes taking place during reservoir exploitation.

Sahara's PVT Tool allows different ways to obtain PVT parameters depending on fluid type.

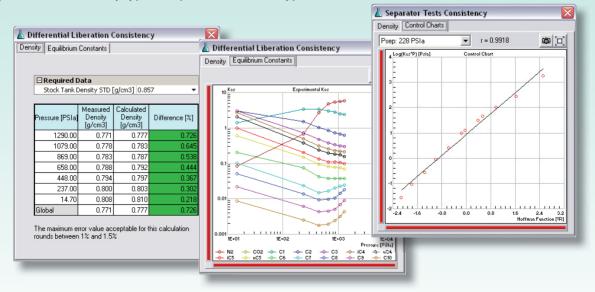
Type of Fluid	Type of Information		
	Experimental	Correlation	External data
Black Oil	\checkmark	\checkmark	\checkmark
Volatile Oil	\checkmark		
Dry Gas		\checkmark	✓
Wet Gas		\checkmark	✓
Condensate Gas	\checkmark	\checkmark	✓
Water		\checkmark	\checkmark

Experimental PVT

Load Black Oil, Gas Condensate and Volatile Oil experimental **PVTanalysis**.

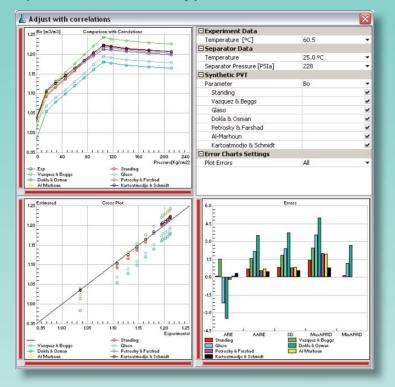


Analyze and validate every type of experiment for each type of fluid.





Source PVT Image: Construction of the second s

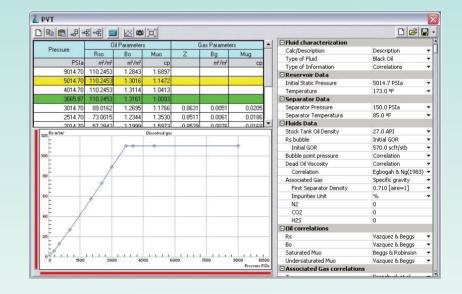


Compare PVT experimental parameters with almost every published correlation⁽¹⁾.

Generate PVT tables using the experimental data or after adjusting a thermodynamic simulator.

Correlations

Generate PVT tables for Black Oil, Dry, Wet and Condensate Gas and Water. Sahara proposes a wide variety of correlations for each type of fluid. Check correlations list at Sahara's PVT Manual.



External Data

Enter PVT tables from any source in order to use them in other Sahara tools.

(1) We can add any correlation you need!!!



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