Comparison Tables for Programs Used for the Economic Evaluation of Oil and Gas Production Proposals.   **Part of a Study and Thesis by Abel Dos Ramos, candidate for the degree of Petroleum Engineer at Universidad Central de Venezuela, March 2006**

	Your assesment	Group 1			Group 2						Group 3			
		ARIES	QUICKLOOK	TOOL KIT	MICA	OGRE	PETRO$2	PHDWin	PROPHET	TCW	PEEP	PETROVR	QUE$TOR	TERAS
OPTIONS FOR THE USER														
The user can customize the format of graphics		X	X	X	√	√	√	√	?	X	√	?	?	?
The user can modify the decline curve on the graph		√	X	X	√	√	√	√	√	X	√	?	√	?
The user can personalize the standard format of the reports		X	X	X	√	√	√	√	√	X	√	?	√	√
It provides a help panel of easy access		?	?	?	?	?	√	?	√	?	√	?	√	?
It allows to import data of public databases		√	X	?	√	√	?	√	√	X	√	?	?	X
It provides a database of easy access		√	X	X	√	√	?	√	?	√	√	√	√	√
It provides a graphic interface for easy data entry		√	X	X	√	√	√	√	√	X	√	√	√	?
It allows data import and export to Excel		?	√	√	√	√	√	√	?	√	√	√	√	X
It allows the software to be upgraded through Internet		X	X	X	√	X	X	X	X	X	X	X	X	X
It allows to keep the data in a portfolio in Internet		X	X	X	√	X	X	X	X	X	X	X	X	X
PREDICTION / CALCULATION OPTIONS														
It allows the prediction the production		?	√	√	√	√	√	√	√	√	√	√	√	?
It allows to calculate fluid properties		?	X	√	√	√	?	√	?	?	?	?	√	?
It allows to calculate the volume of petroleum and gas in place		?	X	√	√	√	?	√	√	?	√	?	√	?
It allows to establish scaling of prices, expenses and interests		?	√	?	√	?	√	√	?	X	√	√	√	?
It allows to calculate the Fair Value of the Market of a property		X	X	?	√	?	X	?	?	X	?	?	?	?
It provides several calculations of correlations		X	X	√	√	X	X	X	X	X	X	X	X	?
OPTIONS OF ANALYSIS / DECISION MAKING														
It allows to carry out Sensibility Analysis		X	X	X	?	√	√	X	?	√	√	√	√	?
It allows to apply Monte Carlo simulation		?	?	?	?	√	?	?	√	?	√	√	√	√
It allows to carry out Risk Analysis		X	X	X	√	√	√	√	√	√	√	√	√	?
It allows to analyze adjustment of Production curve		X	X	X	√	√	√	√	√	√	√	√	√	?
It allows to carry out analysis of the Decline curve		√	X	X	√	√	√	√	√	√	√	√	√	?
It allows to carry out analysis of Cash Flow before and after Taxes		?	?	?	√	?	√	?	?	√	√	?	√	?
It allows to carry out analysis of Decision Trees		?	?	?	√	?	√	?	?	?	?	√	√	√
It allows to manage a Portfolio of Investments		X	X	X	√	X	X	X	X	√	√	√	√	√
It allows to analyze different Scenarios ("What-if... ")		?	√	X	?	√	√	?	√	√	√	√	√	√
It allows to establish the level of the focus of the evaluation		X	X	X	X	X	X	X	X	X	√	√	√	√
TECHNICAL / DESIGN OPTIONS														
It allows the design or sizes of equipment		X	X	√	X	X	X	?	X	X	?	?	√	X
It allows to determine the production rate		√	X	√	√	√	?	?	?	√	?	√	√	?
It allows to determine pressure decline		√	X	√	√	√	?	?	?	?	√	?	√	√
It allows the design or sizes of facilities		X	X	X	X	X	X	?	X	X	?	?	X	√
It allows to determine the Minimum Flow of Gas for the artificial lift		?	X	√	√	?	X	?	?	X	?	√	√	X
ECONOMIC / LEGAL / FISCAL OPTIONS														
It allows to calculate the Net Present Value (NPV)		√	√	√	√	√	√	√	√	√	√	√	√	√
It allows to calculate the Internal Rate of Return (RoR)		√	√	√	√	√	√	√	√	√	√	√	√	√
It allows to calculate the Cash Flow before and after Taxes		?	√	√	√	√	√	√	√	√	√	?	√	√
It allows to make combinations of Economic Indicators		?	X	X	√	?	√	?	?	?	?	?	?	√
It allows to model the Fiscal Regime		X	X	√	√	√	√	√	√	?	X	√	√	√
It allows to store the models as inputs for future uses		X	X	√	√	√	√	X	?	√	√	√	√	√
It allows to establish the conditions of Service Contracts		X	X	X	X	X	√	X	X	X	√	√	√	√
It allows to establish the conditions of Shared Profits Contracts		X	X	X	X	X	√	X	X	X	√	√	√	√
GRAPHICS / REPORT OPTIONS														
It shows results in graphic type Claws		?	X	X	X	?	√	?	?	X	?	√	√	?
It shows results in graphic type Profile of NPV		√	X	X	√	?	√	?	√	X	√	√	√	?
It shows results in graphic type Histogram		?	X	X	X	?	√	√	?	X	√	√	√	?
It allows to modify the Decline Curve in the screen		√	X	X	√	√	√	√	√	√	√	√	√	?
It allows to visualize and to personalize the reports of results in screen		X	X	X	√	√	√	√	?	X	√	√	√	√
It allows to personalize the format of graphics and reports		X	X	X	√	√	√	√	√	X	√	√	√	√
It allows to obtain the best foreseen adjustment to the Production Data		√	√	X	√	√	√	√	?	√	√	√	√	?
It allows to create reports on a monthly and yearly base		√	√	√	√	√	√	?	√	√	√	?	√	?
It allows to store the reports in spreadsheet format		X	√	√	√	√	√	√	√	X	√	√	√	X
It allows to store the reports in different formats (PDF, HTML, etc)		X	X	X	X	X	X	√	X	√	√	X	?	X
The data shown in a decline curve can be seen on any plane (e.g., Appraised vs. Accumulated Production)		?	X	?	√	√	√	√	√	X	?	?	?	?
Editions made to data in a graph are upgraded automatically in linked graphics		?	X	X	√	√	X	?	?	X	?	?	?	?
It allows to export the graphics to the clipboard and to link them to other files		?	X	X	√	√	X	√	?	X	?	√	√	?
It allows to keep the reports personalized as inputs for future use		?	X	X	√	√	√	?	√	X	√	√	√	√

Please complete the following information:

1. Price schedule and or fees for use of software to the public / to academic institutions.

2. Distributors / representatives

3. Technical support

4. Other related products

5. Additional Comment: