

# EUREKA for WINDOWS™

**Hey ARCHIMEDES, Your Software is Here! The world's best Oil and Gas ECONOMICS and EVALUATION Software looks even better - in Windows™**

**\$750.00**

**WITH EUREKA** you can project future oil and gas production from one well or thousand of wells - each with different decline rates, ownerships, oil and gas prices, operating costs, and other economic factors. You can determine future cash flow before and after income tax and then combine the results, for any or all the wells, on a printout that even your banker will like. Best of all, **EUREKA** does this now on Windows.

**Who should use EUREKA?** Oil and gas producers, engineers, royalty owners, bankers, investors, students, financial analysts, accountants -- in short -- anyone who needs accurate and flexible analysis of oil and gas properties. **EUREKA** was designed to provide maximum capacity and efficiency with ease of operation and data management.

## What can you do with EUREKA?

- |   |   |   |  |
|---|---|---|--|
| T | Enter production schedules for up to 4 product streams - Oil, Gas, Condensate, and Product                  | T | Use Lookup files for input of common data in multiple evaluations  |
| T | Specify separate ownership interest for each production stream  | T | Input operating costs as \$/Bbl., \$/well/month, \$/MCF, percent of sales, and/or \$/month   |
| T | Calculate ownership participation for working, net profits, or royalty interests                            | T | Input production, severance and ad valorem taxes as \$/Bbl., \$/MCF, or percent of sales, or specific dollar amounts               |
| T | Calculate up to three reversion points on net operating revenue, time, or date                              | T | Define maximum or minimum limits for product prices and operating costs  |
| T | Schedule data input (production, prices, costs, taxes) using any combination of the following methods:      | T | Cost escalation can be tied to Price escalation cap  |
|   | .... Constant   | T | Enter salvage (Abandonment) costs for fixed date or at economic limit  |
|   | .... Exponential Decline  | T | Input tangible and intangible investments, geological and geophysical costs, leasehold costs, net acquisition costs, and G&A costs |
|   | .... Harmonic Decline   |   |  |
|   | .... Hyperbolic Decline   |   |  |
|   | .... Incremental  |   |  |
|   | .... Percentage   |   |  |
|   | .... Monthly Scheduled Values   |   |  |
|   | .... Annually Scheduled Values  |   |  |
| T | Input product streams explicitly or as a ratio of primary streams (GOR, Condensate Yield, or Product Yield) | T | You determine production start date  |
|   |   | T | Calculate evaluations for any effective (ASOF) date  |

T	Input or calculate loan principal and interest payments	T	Escalate or de-escalate input values using "ESCALATE" method
T	Calculate or enter loan principal and interest directly	T	Calculate cash flow: . . . . undiscounted and discounted . . . . for any user specified discount rate.
T	Calculate economics Before Federal Income Tax (BFIT) and After Federal Income Tax (AFIT)	T	Calculate present value cash flow profile with up to 5 user selected discount rates for BFIT or AFIT cash flow
T	AFIT features include: . . . . Depletion (Percentage, Cost, or Optimum) . . . . Depreciation (Declining Balance, or Straight Line) . . . . Amortization of Intangibles . . . . Investment Tax Credit . . . . Separate State and Federal tax rates and calculations . . . . Section 29 Gas Credits . . . . Half-year convention for Accelerated Depreciation and Amortization . . . . Unused DD&A at economic limit can be treated as a NOL or capital loss . . . . NOL can be carried forward . . . . NOL's not carried forward can be used to generate a negative tax at economic limit . . . . Alternate Minimum Tax estimator	T	Calculate Risk Weighted Summaries for expected value analysis
		T	Calculate Internal Rate-of-Return, Payout, and Profitability Index for BFIT and AFIT cash flow
		T	Calculate incremental economics to compare mutually exclusive projects
		T	Input or calculate oil and gas fuel used on lease as deduction from produced oil or gas
		T	Use optional second economic limit for cash flows that are initially negative
		T	Use a comprehensive Help directory to answer questions
T	Adjust input data by selected factors using "SCALE" method	T	Calculate on a Calendar year or Fiscal year Basis
		T	Complete User Manual

## How does EUREKA Work?

**EUREKA** is easy to use, designed for simple installation, and is structured for easy, logical data entry.

**EUREKA** uses a keyword driven, free-format system for data entry. You enter only the data you need.

**EUREKA** is a complete Windows™ application with all the look and feel of many other Windows™ applications such as word processing and spreadsheet software. HELP provides access to the complete User's Manual during application.

Error Checking -- **EUREKA** checks all data input for invalid or inconsistent entries. **EUREKA** allows you to make a check run on new data entries so that mistakes can be immediately corrected and retested.

## How does EUREKA report evaluations?

The **EUREKA** system allows maximum flexibility of reporting by providing the following features:

T	Run and Summarize up to any number of evaluations limited only by the memory in your computer	T	Create and Save Report Settings with User selected output columns, headings, titles, discount rates, ASOF dates, etc
T	Run Additive Summaries, Incremental Summaries, or Risk Weighted Summaries	T	Print Payout, Profitability Index and Internal Rate of Return
T	Customize reports with titles, sub-titles, headings	T	Print Beginning, Ending, and Average product prices
T	Crete and save RunLists of evaluations that are run frequently	T	Choose a 20-column full page output or a 10-column Bottom-Line Summary Output
T	On-Screen Browse allows a preview of completed evaluations before printing	T	Bottom-Line Summaries can be sorted in descending order or as selected in a specified order.
T	Print data files, individual evaluations, and/or Summaries of one or more evaluations	T	Choose from over 200 output columns including columns to report. <ul style="list-style-type: none"><li>● Data Input</li><li>● % of Preview Column</li><li>● Cumulative</li></ul>
T	Print Cumulative Remaining, and Ultimate Production		
T	Print Present Value Profile (BFIT and AFIT)		
T	Print Internal Rate-of-Return (BFIT and AFIT)		

## Are You Currently Using DOS EUREKA?

EUREKA for Windows™ is a new program. You do not have to have DOS EUREKA installed in order to install EUREKA for Windows. It does not overwrite your DOS EUREKA program files. You can help remove DOS EUREKA at your convenience.

EUREKA for Windows can convert your DOS evaluation files for use in the Windows version and will do so without destroying your DOS files. However, backing up is always a good idea.

EUREKA for Windows™ is copy protected using a Rainbow Scribe "bitlock". If you have DOS EUREKA 5.13 then you already have a bitlock and EUREKA for Windows™ will use the same bitlock. If you have an earlier version of DOS EUREKA we will have to include a bitlock with your order - therefore we have to know whether you have 5.13 or not.

Windows is a Trademark of Microsoft Corporation. EUREKA for Windows is Copyright 1999 by JHH Software Development.

## How to Order EUREKA for Windows™

**New Purchasers:** The price for of EUREKA for Windows is \$750.00. Simply fill in the order form below and indicate your payment form. Please enclose check payable to: Richard J. Miller & Associates, Inc. Discounts for multiple orders; Please call to discuss.

**Current EUREKA Users:** Current Users of EUREKA version 5.13 may upgrade to EUREKA for Windows for an upgrade fee of \$125.00. Users of all earlier versions of DOS EUREKA will receive a 20% discount from the \$750 retail price (\$600). Please, fill in the order form below and mail. No phone orders please.

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### ORDER FORM

NEW ORDER \_\_\_\_\_  
UPGRADE from 5.13 \_\_\_\_\_  
from 5.12 or earlier \_\_\_\_\_

Make check Payable to and mail to:

Richard J. Miller & Associates, Inc.  
16152 Beach Blvd., Ste.107  
Huntington Beach, CA 92647  
(714) 375-2791

DOS EUREKA Serial Number \_\_\_\_\_ (Must be provided)

Shipping: Normal shipment is via First Class mail. If you require another method please provide your UPS, Federal Express, DHL, or other billing number and a street address.

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

E-MAIL \_\_\_\_\_