

PETROLEUM TOOLBOX

The Oil & Gas Industry Standard

The Most Comprehensive Suite of Industry Standard Reservoir, Production, & Economic Applications Available on the Market Today

Over 133 Highly Secure Database Driven Applications In One Integrated Engineering Suite

- Calculate fluid properties.
- Calculate oil and gas in place and recoverables
- Calculate abandonment pressures for gas wells.
- Predict fluid loading problems in gas wells.
- Predict future well performance from reservoir properties.
- Calculate changes in gas rates in well evaluations.
- Forecast oil production
- Design and size pumping units, gas lift systems, and submersible pumps.
- Make log calculations
- Calculate pressure drops
- Perform well economics.
- Make waterflood calculations.

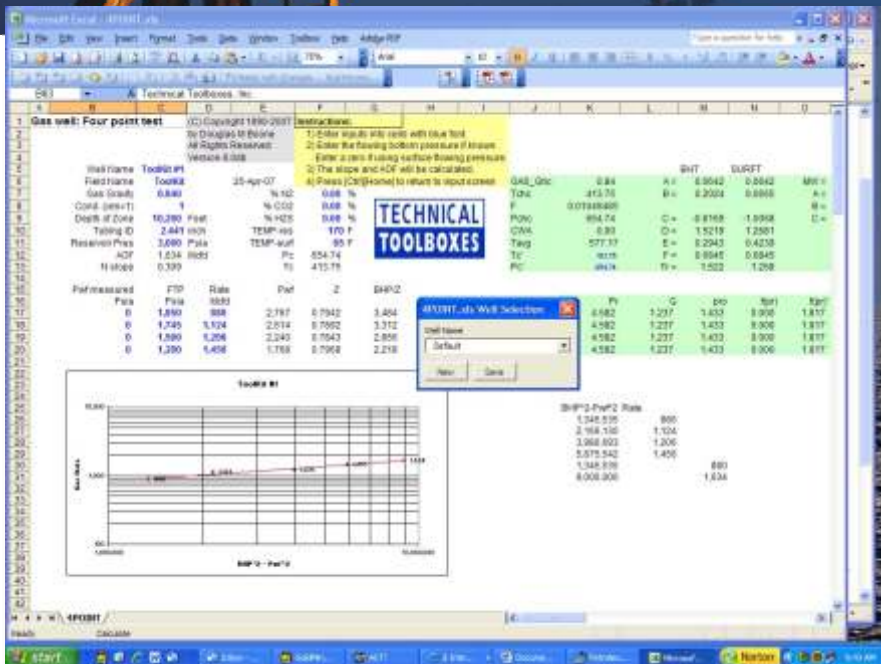
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PETROLEUM TOOLBOX[®]

The Oil & Gas Industry Standard

For over 20 years the Petroleum Toolkit[®] series has been a standard in the oil and gas industry. The Petroleum Toolkit series has been enhanced with additional applications and packaged into one comprehensive "Toolbox" compatible with today's PC operating systems (i.e. Microsoft Vista Compliant). The NEW **Petroleum Toolbox**[®] now contains over 130 highly secure database driven applications developed for the oil and gas production professional and is designed to perform day-to-day calculations required for managing oil & gas producing assets.

The **Petroleum Toolbox** programs are grouped as reservoir, production, economic and RP-97 (i.e. API recommended Practice 1997) related programs and contain the following general programs:

RESERVOIR (67 programs)

- Log Calculations for water saturations, salinity, porosity and resistivity.
- Pressure Build-ups and related reservoir calculations
- Gas, Fluid, and Formation Properties
- Volumetric and Material Balance Calculations
- Production Calculations
- Four Point Calculations
- Darcy Flow Calculations
- Inflow Calculations
- Bottom hole and Pressure Drop Calculations
- Waterflood Calculations
- Quick Economics
- Other Misc. Reservoir Calculations

PRODUCTION (36 programs)

- Gas Lift Design
- Rod Pumping Design
- Other Artificial Lift Programs
- Electrical Submersible Pump Design
- Gas Flow Calculations
- Inflow Calculations - Oil Wells
- Tubing Design
- Oil Well Flow Calculations
- Miscellaneous Production Programs

ECONOMIC (10 programs)

- Economic models for oil and gas properties
- Oil well life calculations
- Economic limit calculations
- Present worth profiles
- RORs, payouts, and print annual cash flow reports.

RP-97 (20 programs)

- Calculates rheology parameters and friction pressure losses
- Determine the required salt water solutions for completion or work over fluids.
- Darcy flow equation for a horizontal well.
- Effective wellbore radius and skin factor calculation for a horizontal well.
- Calculates fluid displacement and pressure losses when pumping mud or cement.
- Calculates inflow performance of oil/gas wells
- Vertical flow correlation for gas wells.
- Steady-state productivity of a horizontal oil well
- Vertical three-phase flow correlation for oil wells.
- Calculates flow rate, water holdup, slip velocity, water rate and oil rate from production logging survey.
- Calculates and plots oil well choke performance.

VALUE & BENEFITS

- Over 133 individual industry referenced programs
- Comprehensive documentation
- Easy to use spreadsheet interface
- Field proven & Field Tested
- Secure form modification
- Requires little to no training
- Covers most day-to-day required calculations
- Ideal for new hires & experienced personnel alike
- Standardization improves productivity & efficiency