



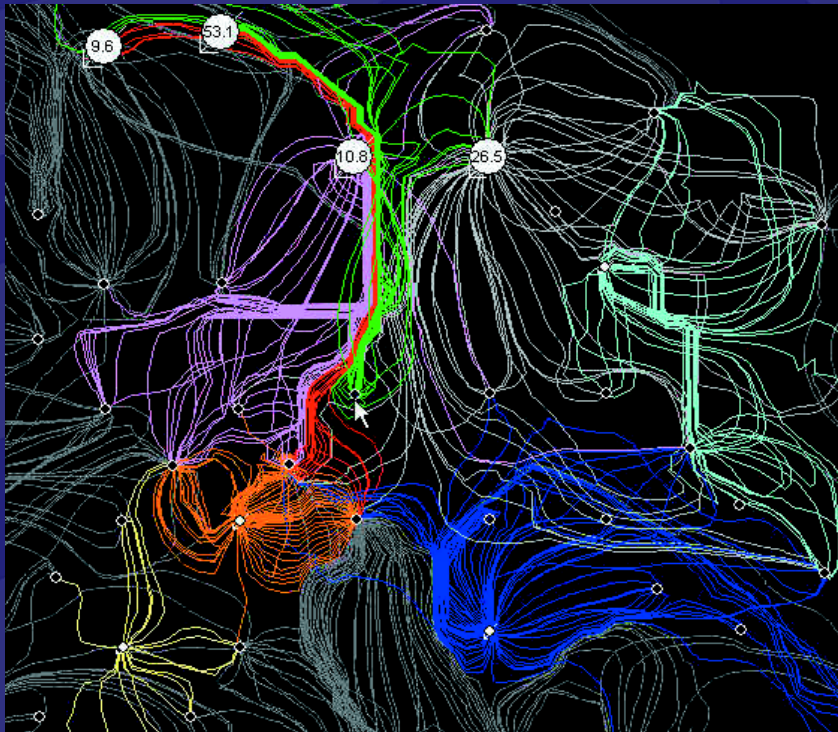
# ResAssist™

For Windows™



## UNDERSTAND YOUR WATERFLOOD

*ResAssist+3DSL is an affordable and easy-to-use PC-based streamline simulator package that is ideal for simulating oil reservoirs undergoing waterflood. ResAssist makes data import easy and the streamline simulation results can be displayed with the touch of a button.*



### Explanation

1. Flow from each injector is color-coded.
2. Patterns are influenced by heterogeneity and offset injectors.
3. Well highlighted by cursor receives all of its support from injectors to the north, not south.
4. Numbers represent amount of support from each injector to producer highlighted by cursor.
5. Nearest injectors aren't necessarily the strongest contributors.

## ADVANTAGES

- Ease of use.
- Reduced cycle times (run times 10-20 times faster).
- Simulations studies in 1/5 to 1/2 the time.
- Rapid “what-if” scenario screening.
- Unique and informative reservoir flow information.
- Excellent for locating infill drilling locations.
- Evaluation of detailed geological models.
- Full field 500+ well modeling.
- Improved reservoir management capability.
- Easy import of production data.
- Able to view dynamic drainage along streamlines.

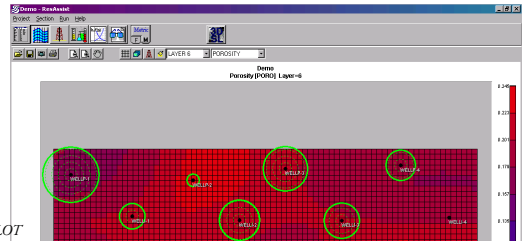
## QUICK AND EASY DATA QC:

- Imports a variety of data formats.
- Automated error tracking
- View wells in field through time
- Easy to view and edit well data
- Grid modification is fast and easy
- Calculate VRR instantly

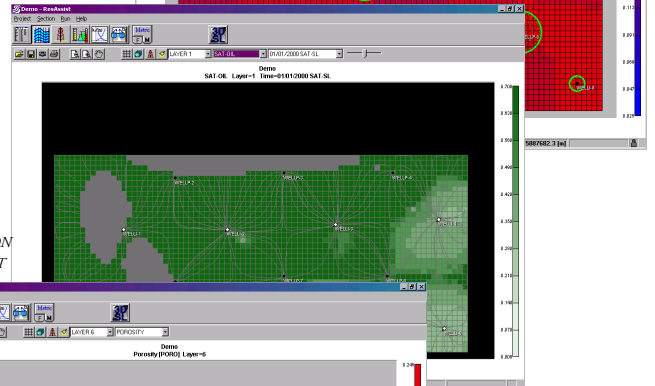
## POST-PROCESSOR FEATURES:

- Bubble Plot
- Saturation Plot
- Production Stamp Plot
- Production/Injection Plot
- Streamline Plot
- Injection Efficiency Plots

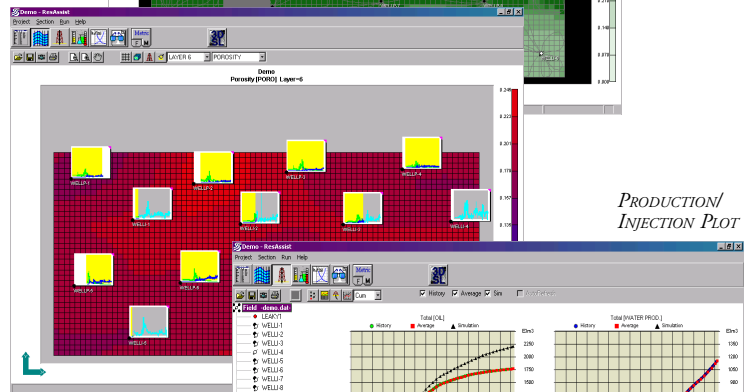
BUBBLE PLOT



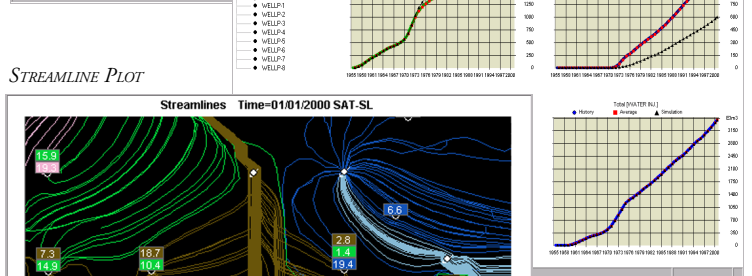
SATURATION PLOT



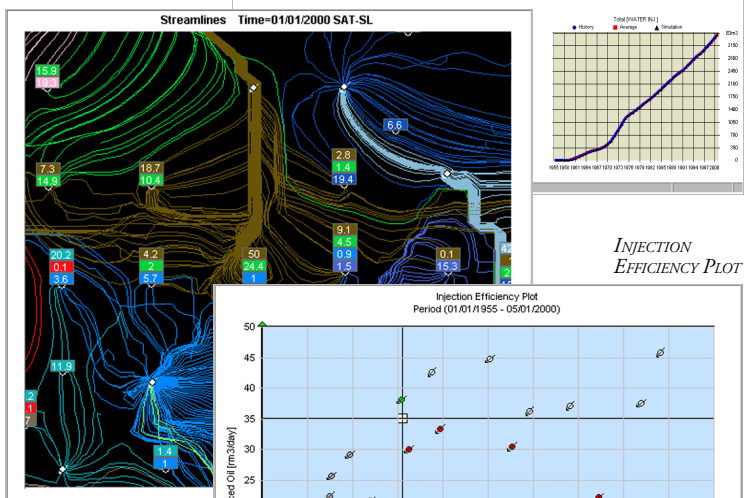
PRODUCTION STAMP PLOT



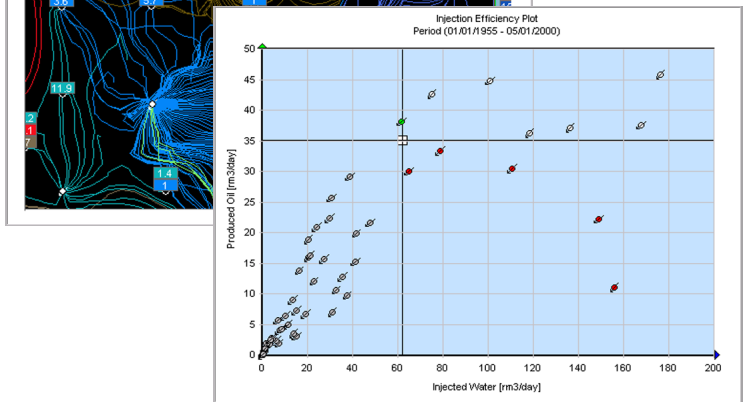
PRODUCTION/ INJECTION PLOT



STREAMLINE PLOT



INJECTION EFFICIENCY PLOT



ResAssist™ is a trademark of Epic Consulting Services Ltd.  
3dsi® and Streamsim® are registered trademarks of  
Streamsim Technologies, Inc.



## Contact Epic to Find Out More!

#2000, 540 - 5th Avenue SW, Calgary, Alberta, Canada T2P 0M2  
Ph: (403) 213-4200 • Fax: (403) 213-4298  
Email: ResAssist@epiccs.com  
Call us toll free from the U.S.A.: 1-888-844-2728