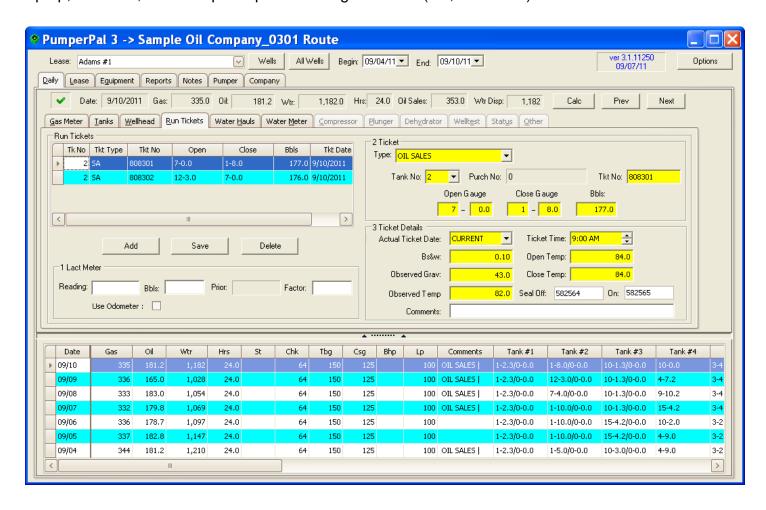
# **PumperPal**

## Field Data Collection and Reporting Software

**PumperPal** is a simple to use data collection and reporting system used to assist field personnel with production reporting. PumperPal will allow field personnel to enter daily production data on site. After the data is collected, reports can be viewed on screen, printed, or emailed. The system runs on a laptop, net book, or desktop computer running Windows (XP, Vista or 7).



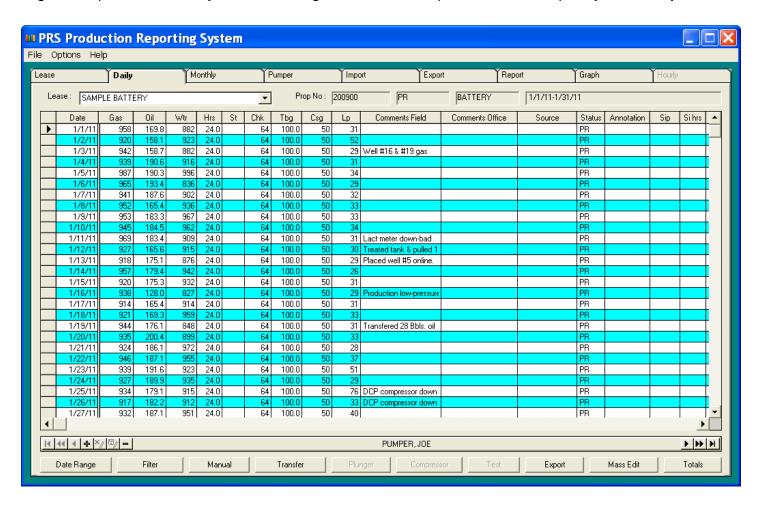
### Other Features Include:

- PumperPal's reporting and validation makes the pumper more accurate and efficient.
- Data is transferred over the internet for analysis and reporting.
- Previous 7 days data and calculated production are shown at bottom of screen.
- Previous day information is brought forward to eliminate repetitive data entry.
- Dropdowns are provided for input fields such as downtime reasons to keep typing to a minimum.
- PumperPal is a reporting system, not just a data collector.
- Quickly generates reports for on screen viewing, printing, or emailing a PDF document.
- Creates single day, multiple day or monthly gauge reports.
- PumperPal may be used alone or interface with the PRS Production Reporting System.

## **PRS**

## **Production Reporting System**

**PRS** is a windows application which reports daily and monthly oil and gas production. The office component of Carroll Engineering's oil and gas production system, PRS is used by petroleum engineers, production analysts and management to review production data quickly and easily.



### Other Features Include:

- A simple tab based user interface logically organizes the program and makes it easy to use.
  Data is presented in a spreadsheet style format to easily view and edit.
- Filters can be set so that only the leases in an individual users area of responsibility is shown when the program is started. The default reporting criteria is on the filtered leases only.
- Variance reports allow user defined groups, sorting, variance calculation methods and limits.
- Advanced graphing allows the plotting of several daily or monthly items using up to six axes with two line graphs with one above the other. Graphs can be easily exported to the windows clipboard and pasted into other windows applications.
- Lease, daily, and monthly data can be exported to an Excel spreadsheet. A range of daily or monthly data can be exported to each row.