Flexible Allocation Schemes

- Allocations are setup and managed by a Production Analyst; each Production Analyst can manage their properties/areas independently of other Production Analysts.
- Facilities define allocation points to which wells, tanks, lact meters and other allocation data is setup.
- The allocation system provides for user-defined products and dispositions to accommodate complex allocation and regulatory reporting requirements. Any product and disposition (sales, production or injection) can be entered to and allocated from a facility or entered at a well level.
- Allocations are based on theoretical volumes; theoretical volumes are calculated for each day in the period based on each well test and downtime entered.
- Special Well Allocation allows you to override the system allocation process with a defined percentage or volume for a well by product and disposition.
- Allocation process can be run for all facilities or selected facilities for a Production Analyst for a period or range of periods. After allocation process is run, no changes can be made to files used by allocation until reversal process is run. Facilities must be reversed, changes made and allocation run again. This ensures that files used for allocation are in sync with allocated data.
- Run and LACT tickets are automatically adjusted for temperature, gravity and bs&w.
- EPA can use pricing setup in Revenue to price individual sales tickets for purchased volumes.
- Multi-tier oil sales allocations for LACT facilities.
Inventoried Product Allocations

• Manages the complexity of tracking inventories at a lease, tank and well level.
• Tank sales are calculated and allocated back to wells using the first-in-first-out method.
• Effective-dated tank strappings can use fractional or decimal tables.

System Integration

• Allocated well data is used by the Production Regulatory Reporting (PRR) and State Tax Reporting (STR) modules.
• Allocated well data also integrates with the Responsibility Reporting and Property Analysis modules for LOS and other reporting.
• “Create Well Sales History” process compares allocated EPA to allocated Revenue sales volumes.
• “Create Sales Allocations” process creates sales allocation percentages by well by product for Revenue.
• The EPA module can also be used with Oil First Purchaser to create General Sales Ledger items for Revenue.
• The Gas Accounting module can update EPA with measured or allocated product volumes.
• The EPA module is also tightly integrated with our Daily Production module, which provides for daily allocated production data.
• The EPA/DP integration maximizes single-point data entry.

3rd Party Integration

• Pre-defined Excalibur Data Interchange (EDI) jobs bring in either allocated (allocated well production) or unallocated (sales, production, gauges, well test and downtime) data from 3rd party systems including IHS Field Direct, Merrick Pro Count, PRAMS and Production Access.
• Monthly allocated production data can also be integrated with our Access-based Engineering Interface application using uniODBC.

Reporting

• Extensive reporting for setup, transactional and allocated data, including:
  ◦ Operator’s Monthly Report for Owners
  ◦ Multi-Well Facility Percentage Report for Purchasers
  ◦ Comparison of EPA to Revenue allocated sales volumes