Waterfield Energy Software Version 6.0 Release Notes

Technical Requirements

- Linux VMs: Redhat 7
- Windows VMs : Windows 2012 or 2016
- SQL Database: SQL Server 2012 or 2014, Enterprise or Standard Edition
- Cognos: Version 11

Browser Requirements

- Internet Explorer 11
- Google Chrome

Major Features

- Continued Expansion of the Waterfield Upstream ERP Suite
  Including: Land, Revenue, Joint Interest Billing, Owner Netting, & Integrated Financial Accounting
- Continued Enhancement of the Waterfield Financial Accounting Module
  Including multiple Bank & Check write Interfaces, OpenInvoice Integration, a User Definable External Interface, and Full AR-AP-JE Integration with Waterfield's Product Suite
- Created a new 'Flash' Messaging system throughout the application, that provides additional detail with a user friendly presentation
- The Previously Allocated Volume Load and the Daily Gas Analysis Load have been ported to the Waterfield Performance Engine, with 50-75x reduction in run-times.
- Added Division Order LOI Mass Update Functionality
  Fields include Type, Contract (Owner Agreement), Burden Group, Suspense Code, & Tax Exempt Type
- On Contracts (Owner Agreements), Meter (Well) Overrides, added the ability to override specific fees (Include/Exclude functionality)
- Added the ability to View Nominations & the ability to select Monthly vs Daily on the Asset Builder
- Introduced Dynamic Drop-Downs, which eliminates the need to 'Refresh Drop-Downs' after updating Code Tables, while still maintaining superior UI performance
- Added Importers throughout the Application *(please see the last page of this document for the inventory of Importers available as-is)*
- Added Two new State Tax Modules: Kentucky & West Virginia

WATERFIELD ENERGY

Waterfield Energy Software Version 6.0 Release Notes

General Items

- Continued improvements to our Grid & Dialog pop-up technology for superior performance throughout the application
- Added the following fields to the BA Role Mass Update functionality: Role Type, Delivery Method, Report Type, Contract Type
- Setting the Asset Type of Upstream vs Midstream will drive the appearance of certain items, specifically Contracts vs Owner Agreements
- Added the ability to Close All Notifications with a single click
- Added Reusable Implementation Tools for JIB, Financial Accounting, and DO to purge setup data
- General Application improvements and bug fixes

Allocation

- Added the ability to run both Daily & Monthly allocation within the same asset
- Added the ability to use Formulas on Calculation Summaries
- Added the ability to allocate specific products and usages from a source meter to various target meters based on a tiered/rank system
- Enhanced the allocation strategy 'common' to use conversion factors in combination with MOL% when determining a basis for allocation
- Added Error Messaging to Data Prep for a Meter using itself as Analysis Meter
- Added a Warning message when attempting to end-date meters with Volumes

Valuation

- Interest Units are now configurable to calculate both Tract and Well level results (contract fixed/split, value, tax), allowing for expanded capabilities in calculating tax exemptions or reduced rates for individual Wells. These informational Well level results are flagged as such to prevent accidental usage in Revenue and Reporting. The Tax process has additional logic to flag certain records meeting State specific reporting criteria. The Oklahoma Tax formatter recognizes these Tract and Well level results, correctly selecting those Wells that need to be reported separately while adjusting the Unit level reporting appropriately.
- Added the ability to Upload Value Manual Adjustments

Waterfield Energy Software Version 6.0 Release Notes

Division Order

- Optimized DO Transfers to execute significantly faster
- Added confirmation prompts to Division Orders, Owner Transfers, Owner Suspense, Owner Releases, and Mass DO Processes for submit, approve, reject (return), and discard/cancel functions
- Added confirmation dialog when removing DO Assets from DOs
- Enhanced owner queue copy functionality to allow an "as of" date to be specified
- Added a new column to the Cycles to Aggregate grid – "Ownership As Of" - that enables users to specify on a DO/Lifecycle level the date of ownership that is to be aggregated

Disbursements & Revenue

- Added new Purchase Reference functionality: The purchaser reference can be used to track inputs from multiple plant statements through PAVs all the way out to journal. The purchaser reference will also be used to simplify the setup by product and usage.
- Expanded Burden Functionality: Enabled Burdens to be reversed in disbursements; BI owners are taken into account when generating burden; Added Value Source of Burden to DO Journal Components; Burden owner amounts (those generated when features.do_burden_wi) are generated at the most granular level (e.g. each royalty owner amount generate its own set of burden owner amounts attributable to the burdened owners)
- Enhanced Backup/Withholding to work with Payment Cycles for BAs
- Added a configuration setting to open the Owner Amounts grid empty until filtered to boost performance for very large data set
- Expanded and enhanced Escheatment & Due Diligence functionality
- Added CSV export to the Owner Transfer Log (Note: Waterfield recommends using CSV exports for all exports application wide with >10k rows)

Waterfield Energy Software Version 6.0 Release Notes

Inventory

- Inventory Adjustments can now be retained in a production month similarly to volumes/PDA%/etc
- Added the ability to track liquids inventory (product/usage based) on a daily and monthly basis & value inventory at a fixed rate monthly and assign inventory calculations to a "house" account and take these values and move them into AR/AP and Journal via formulas
- Added a checkbox "Use Prior Inventory" which will allows users to access the prior month product/usage inventory results, from the inventory table, for use asset calculations

Transportation & Gathering

- Added Joint Tariff as a new Tariff Type, with additional functionality for capturing rates (if a joint tariff type is selected, then the fields for total tariff, operator rate and partner rate are available to be populated)
- Added the ability to Upload/Delete Documents for CAW (Customer Activity Website) users
- Cashout: Added a Formula option to both Basis and Threshold to allow for greater customization of Cashout Terms (user can still set a fixed value for each)
- Converted the Nomination List page and Confirmations pages to our newest Grid technology

Importers

- Division Order Importer: Added the Ability to upload new lifecycles (with associated LOIs and burden groups) and the ability to replace and reload new cycles, LOIs, & burden groups.
- Chart of Accounts
- Meters
- Wells
- Meters to Groups
- Business Associates
- Roles
- Contract Headers
- Common Point Fixed Allocations
- Cost Centers
- AFE Headers
- AFE Projects
- JOA Wells
- Cost Allocations