



# Bradley B Bean PE

Engineering And Software For The Natural Gas Industry

July 2018

## GASWorks 10 - All About Flags

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One of the GASWorks [features](#) we receive the most questions about are flags. For this month's newsletter, we will address that topic.

Flags are used to identify GASWorks features. They are color-coded by the type of feature they identify. Using the default color scheme, blue flags are used to mark pipes, pink flags mark nodes, and green flags mark customers. There are also red flags that can be used to identify "supply nodes" where gas flows into the model, light blue flags that are used to mark User Text features, and magenta flags for marking text in a DXF background file.

Several commands exist for flagging features:

- *Find* commands allow you to search the model for a single feature, like a pipe with a certain Record Number. Only one Find Flag per feature type can be displayed.
- *Flag* commands can flag multiple features that meet specific criteria, such as the ten pipes with the highest pressure drops. These flags remain displayed until they are cleared.
- Each model feature has a general flag command, such as *Flag Pipe*, that lets you mark pipes by selecting them with the mouse.
- The Intersection Flag is placed at nodes, and is used by the *Flag Unbroken Intersections* command, which we will discuss in more detail in a future newsletter.

You can use flags as a way to visualize useful information about a model. Maybe you want to see where the highest usage customers are. Or you can identify areas with low pressure values.

Flags only appear if the associated feature is displayed, so if you want to flag a customer, make sure the *Customer Symbol Display* option is turned on. If you want to display flags beyond the *Display Limit* for the associated feature, select the *Always Display Flags* option on the Graphic Settings screen.

To clear a certain type of flag, use the associated *Clear Flag* command for that feature. If you want to get rid of all the flags in a model, the *Clear All Flags* command will do just that.

If you have not already tried GASWorkS 10, click [here](#) to request a 30-day evaluation copy. To upgrade today, fill out an [order form](#) and return it to [sales@b3pe.com](mailto:sales@b3pe.com).

## 2018 GASCalc & GASWorkS Training



The final scheduled Basic GASCalc 5.0 and GASWorkS 10.0 training courses of 2018 will be held from **September 12 to 14** at the world headquarters in Colorado Springs, Colorado. Seats are still available. To reserve a spot, fill out and submit a [registration form](#).

Visit the [Training Information](#) page of our website for more information, including an [overview](#) of our training courses and details on travel and accommodations.

## B3PE Exhibition Schedule

We will be appearing at the following conferences next month:

- [Southern Gas Association Operating Conference](#), July 30 to August 1, Tampa, Florida.
- [MEA Energy Association Technical & Leadership Summit](#), August 14 to August 16, Rochester, Minnesota

If you are attending one of these conferences, we invite you to visit our booth and learn more about our innovative design and analytic solutions. If not, stay tuned to the newsletter for future announcements of conferences where B3PE will be exhibiting.

## Software Update

Our work doesn't end on release day. Visit our [Updates](#) page to keep your software up-to-date with the latest tweaks and fixes. GASWorkS 10.0 users will find the latest revision posted on **July 16**.



The latest update to GASCalc 5.0 was posted on **April 23**. Development continues on the next version of GASCalc, including new calculations for cathodic protection. Are there any features you would like to see added? What changes would you make to improve the user experience? Let us know at [news@b3pe.com](mailto:news@b3pe.com).

## OurOur Products

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[GASWorkS™](#) - Affordable and robust network modeling.

[GASCalc™](#) - Suite of gas system design and analytical tools.

[StationManager™](#) - Regulator and relief valve station management solution.

[WaterCalc™](#) - Suite of water system design and analytical tools.

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