

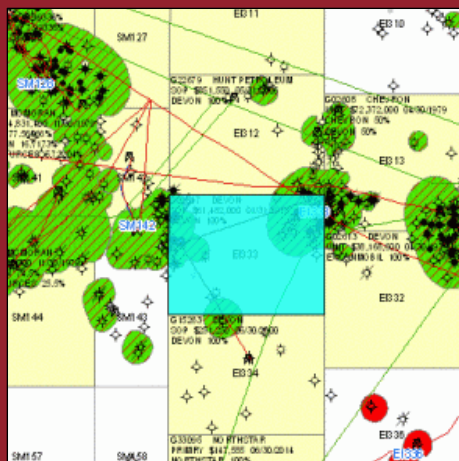


June 2009 Monthly Newsletter
Searching for Data in GOM³ and GOMsmart

A wealth of data is provided within GOM³. Although GOM³ processes or connects to virtually everything the MMS releases, it can be difficult to find exactly where the data is located. To access the data, there are a number of tools built into GOM³ and GOMsmart to locate data.

In ArcGIS, there are a number of tools available to search for data. The ESA Query Wizard (located under GOM-Cubed→ESA Tools→Cartographic) combines Select by Attributes (to highlight data) and Definition Query (to restrict data) functionality. The tool makes it possible to analyze data within the map. For instance, once wells are loaded in ArcMap, the Query Wizard is used to display only those wells which have produced in water depths greater than 1000 feet.

The ArcGIS toolbar contains two other tools for searching and loading data, both located under GOM-Cubed→ESA Tools→Search. The Name Index displays all fields, discoveries and prospects which have a nickname. Clicking on a name loads the data and zooms to the chosen hydrocarbon accumulation. The ESA Search Tool is used to discover if certain data exists anywhere in GOM³'s collection of datasets. The tool can search column headers or drill down through each record of a table.



For example, searching column headers for *pressure* will return a list which includes pipelines, fields and sands, all of which can be added to the map or 3-D scene.

GOMsmart searches for data by block. The Name Index button, on the upper right of the main page, changes the display to the block that corresponds to the chosen field, discovery or prospect. Because discoveries and prospects are researched and added by ESA and not the MMS, links to a webpage displaying where the information is gathered will appear when a discovery or prospect is chosen. The Search button, also on the upper right, allows for searching of the key datasets of GOMsmart. Searches for field names, such as SS032, or API numbers will change the display to the appropriate block where the data can be found.

GOMsmart's interactive map features a Find tool to quickly locate a block anywhere in the Gulf. The Find tool appears in the toolbar above the map as binoculars. After clicking the button, the block number is entered and the block will appear in the results window, just to the left of the map. Right-clicking on the result will allow you to zoom or pan to the location of the block. The highlighted block can also be removed by right-clicking on the result. The Find tool is the quickest way to move from block to block within the map.

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Western Lease Sale 210
August 19, 2009

GOM³ Calendar
User Conference
October 22, 2009

GIS-Support Conference
October 22, 2009

