

SUMMARY OF THE INVENTION

[0004a] According to an aspect of the present invention, there is provided a method for displaying wells and their respective status on an electronic map, which comprises: selecting a geographical area on the electronic map and a time frame using at least one of a graphical user interface and default settings; selecting a preferred well activity using the geographical user interface or the default settings, each well including a time-dependent well activity and a geographical location on the electronic map; processing the selected time frame and the selected preferred well activity on a computer processor to identify each well with a time-dependent well activity within the selected time frame that matches the preferred well activity; and displaying only the identified well(s) with a geographical location within the selected geographical area, and each respective time-dependent well activity on the electronic map.

[0004b] According to another aspect of the present invention, there is provided a non-transitory program carrier device tangibly carrying computer executable instructions for displaying wells and their respective status on an electronic map, the instructions being executable to implement: selecting a geographical area on the electronic map and a time frame using at least one of a graphical user interface and default settings; selecting a preferred well activity using the geographical user interface or the default settings, each well including a time-dependent well activity and a geographical location on the electronic map; processing the selected time frame and the selected preferred well activity to identify each well with a time-dependent well activity within the selected time frame that matches the preferred well activity; and displaying only the identified well(s) with a geographical location within the selected geographical area, and each respective time-dependent well activity on the electronic map.

[0004c] According to another aspect of the present invention, there is provided a non-transitory program carrier device tangibly carrying computer executable instructions for displaying wells and their respective status on an electronic map, the instructions being executable to implement: selecting a geographical area on the electronic map and a time frame; selecting a preferred well activity, each well including a time-dependent well activity and a geographical location on the electronic map; processing the selected time frame and the selected preferred well activity to identify each well with a time-dependent well activity within the selected time frame that matches the preferred well activity; and displaying only the identified well(s) with a geographical location within the selected geographical area, and each respective time-dependent well activity on the electronic map.