National Oil and Gas Gateway

Where Water and Energy Mix - IOGCC & GWPC
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What is the National Oil and Gas Gateway?

National Source for Oil and Gas Data

- The Gateway will be the first publically available website of well level data across the U.S.
- Drawing from the active data systems of the producing States, this consolidated data source will provide a dynamic and timely view of U.S. oil and gas well activity.
- The Gateway will include innovative map designs, simplified filters, and an intuitive interface that will make running sophisticated queries quick and easy.

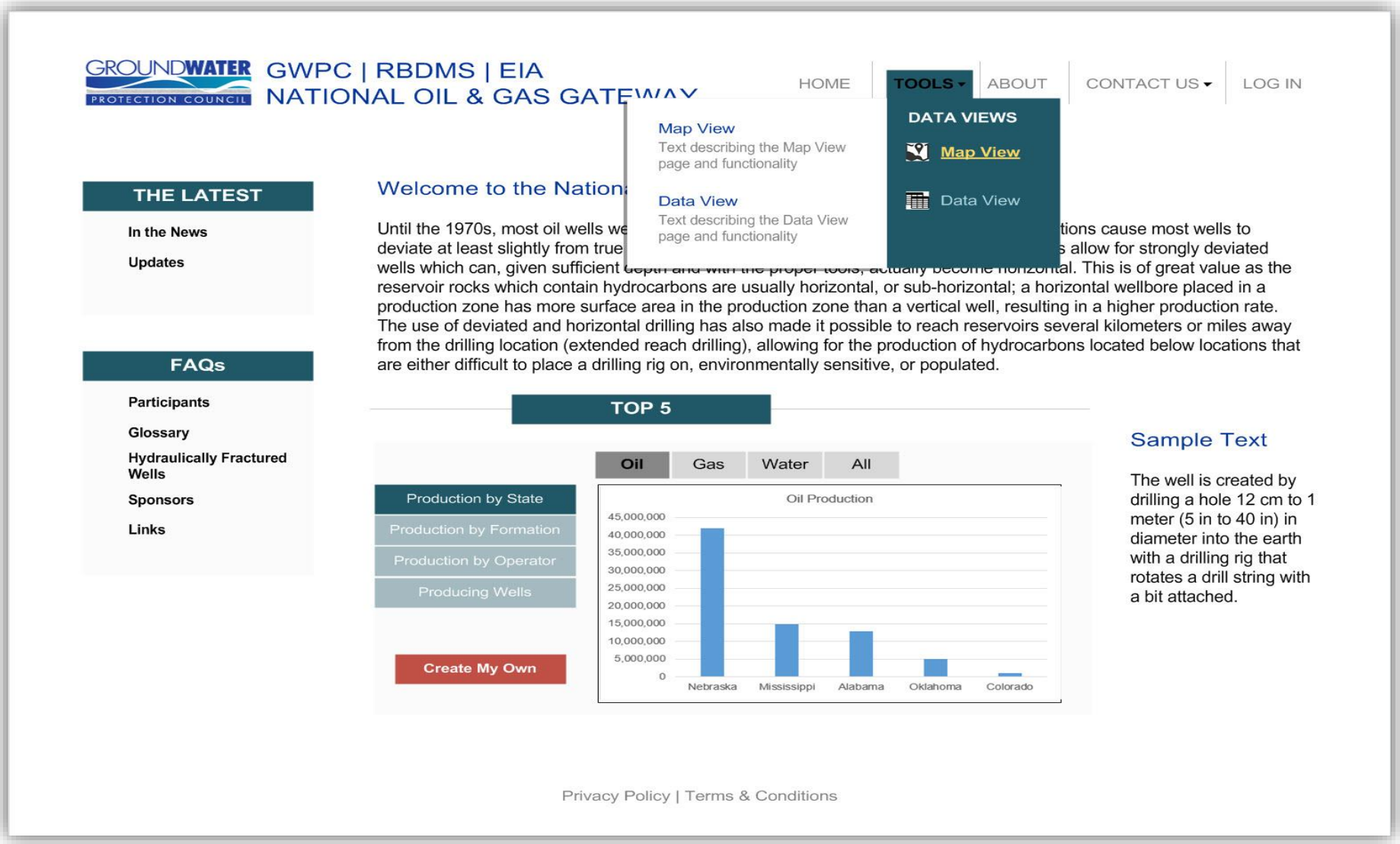
Collaborative Effort

- States and other data providers - source of the data and users of the Gateway for cross-jurisdictional inquiries and map services.
- GWPC - project management and collaborative nucleus of the Gateway.
- DOE - Support of vision and funding.
- EIA - input for developing the dataset and applications, hosts the Gateway and are heavy consumers of state well-level data sets.
- EPA - input for developing the UIC dataset.
- National Energy Technology Lab (NETL) - Funds Gateway and other projects for GWPC and will be heavy consumers of Gateway data.

National Oil and Gas Gateway Benefits

- Provides a robust, transparent portrait of State activity within a national context which is not currently available.
- Easier access to data for viewing intra- and inter-basin activity in adjoining States.
- Minimizes States' staff hours spent responding to external inquiries.
- Invaluable tool for public, industry, government, academic researchers, financial analysts and others who want a simple way to access and analyze well level data across the U.S.
- By streamlining the data gathering process the Gateway will reduce the public resources EIA currently uses to calculate monthly production estimates, market analysis, forecasting, and assessing emerging plays and technology.
- Gateway data will improve the information EIA provides to the public on a weekly, monthly and annual basis.

National Oil and Gas Gateway Website



National Oil and Gas Gateway Features

- Data on Well Identification, Production Data, Completion Information, Geologic Information, Well Test Data, and Underground Injection Control Data
- Refined, intuitive user interface for state well level information
- Administrator Access for States to change data mapping and other settings
- Intuitive Map and Data Functionality
  - Map View: enhanced GIS capabilities
  - Data View: spreadsheet functionality, ability to group by selected data element(s)
- Standard and Advanced Filters
- Wizards for Filters and Downloads
- WellFinder App Integration
  - The Well Finder mobile app will use the data in the Gateway to display basic information on wells based on the user's current location or by selecting areas on a map.
- FracFocus Integration
  - Filtering/displaying wells that have a chemical disclosure reported to FF
  - FF data will only be available for those wells that already exist in Gateway (i.e. the State is a Gateway participant)

State Process to Join the National Oil and Gas Gateway

- View a demonstration of current Gateway.
- Discuss of Data Transfer Options
- Review Gateway Data Dictionary

- Provide a sample data set which includes data elements in the Gateway.
- Data Mapping for Well Status and Well Type will be done by GWPC based on the sample data provided.
- States will review, change and accept the data mapping.

- Extract Agent
- Collect Agent

- Change State data mappings anytime in the Gateway.

Contact GWPC – Paul Jehn (208) 892-1400 or (509) 680-2652 (cell) for more information