



Interstate Oil & Gas Compact Commission

Welcome

**Energy Resources, Research & Technology
Committee**

Chair: Scott Dawson

Vice Chair: Tom Williams





Regulatory Adaption To New Technologies

In today's regulatory environment, technologies are changing so rapidly, regulators are having to keep their rules in alignment with the new technologies.

Regulators are conducting more hearings, having to do more research, rulemaking and rule changes in order to keep up.



Energy Resources, Research & Technology

A national forum, the Energy Resources, Research and Technology (**ERRT**) Committee debates, studies and develops positions on economic, technical, research and safety issues that confront domestic oil and natural gas production.



**IOGCC's ERRT project to enhance latest technology transfer
and promote universal use...**

- The Interstate Oil and Gas Compact Commission's (IOGCC) Energy Resources, Research and Technology Committee is continuing our project that is facilitating knowledge transfer between key technical organizations and state and provincial regulators.
- Sharing and informing with the most up-to-date, impartial and reliable (peer reviewed) information is critical to regulators and industry, across the board, to develop and use the most practical and efficient regulations possible.



Early project success demonstrated at last year's IOGCC Annual Conference in Idaho...

- Several excellent presentations were hosted last year during the ERRT's session.
- The topics were well aligned with some of the key issues that regulators had earlier identified in the first ERRT sponsored survey that asked regulators to identify 5 key issues for their jurisdictions and why.
- We were very pleased that a number of participants offered their praise for the quality, timeliness and relevance of the information presented. The main topics addressed leak detection, frac hits and plugging wells more securely.



Project developments since the 2018 IOGCC Annual Conference...

- Another survey was submitted to member states and provinces this year with the intent to update key issues as well as many comments from the CSPRO.
- The Committee has refined its project's structured process to efficiently make this easy, annual and iterative.
- We have secured a commitment from Schlumberger to provide an intern to aid us all in building an even more comprehensive information repository and a user-friendly search tool that can be used by interested regulators.



Activities over the next 4-5 months...

- Beginning in mid May, we plan to commence populating the information repository with the most up-to-date and relevant information available to include (but not necessarily limited to) papers, white papers, guides, bulletins, best practices etc.
- A search tool will also be built that is easy-to-use, accessible and secure.
- We plan to roll out all this at the IOGCC Annual Conference for all member state and province regulators to be held August 25-27 in Medora, ND. A comprehensive, to-the-point presentation will be made....hopefully by then the intern and committee will have largely done the work.



What we ask of Orgs and Associations?...

- **IOGCC and its ERRT Committee have a simple ask.**

After we have delivered to you the key issues, please identify within your organization a single point of contact that can help our intern retrieve relevant and up-to-date information sets for our search tool's information repository. The manner by which this is most easily done is your call, based upon how your data is organized and stored. As said earlier, we expect this effort to begin around the middle of May.



For your information, the current key issues relate to:

Air (methane quantification and monitoring and flaring reduction),

Plugging (how to best ensure no long-term leakage),

Orphan Wells (identification and disposition),

Well Operations (hydraulic fracturing, SIMOPS and servicing high pressure wells). Of course, a much more detailed and easy to understand explanation of each issue will be provided to you and your point of contact.

To summarize...



- We are thankful for the help we've had in the past and look forward to expanding and improving this product for regulators and industry. The project's first phase has been successful in many ways.
- We will very much appreciate your help and support for this very important project in 2019 and beyond.
- The IOGCC will be pleased and honored to recognize you and your organization's contributions and efforts at its Annual Conference August 25-27 in a variety of ways.

Thank you very much for your time and consideration...any questions?



THANK YOU

The ERRT would like to thank the following organizations for their enthusiasm and dedicated help with this important effort:

API

SCHLUMBERGER

SEG

SPE

AAPG

AGI

NETL

IADC

State and Provincial Regulators

All the Individuals who helped support the ERRT Committee





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- Input from regulators and organizations in the process
- What is the best way to populate the database to make it user friendly?
- Any other ideas or considerations that should be included in the process?