Topics for discussion

- What is Petrinex?

- How does Industry use Petrinex?

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PETRINEX
CANADA'S PETROLEUM INFORMATION NETWORK

What is Petrinex?

Petrinex is a collaborative government-industry organization that facilitates efficient, standardized, secure and accurate management of information essential to the operation of the royalty, regulatory and commercial needs of the petroleum sector for Petrinex's multiple stakeholders.

Provincial

DOE — ALBERTA DEPARTMENT OF ENERGY (2002)

AER — ALBERTA ENERGY REGULATOR (2002)

SK GOV — SASKATCHEWAN MINISTRY OF ENERGY AND RESOURCES (2012)

BC GOV — BC MINISTRIES OF FINANCE, & ENERGY, MINES AND LOW CARBON INNOVATION (2018)

BC OGC — BC OIL AND GAS COMMISSION (2018)

MB GOV — MB MINISTRY OF AGRICULTURE AND RESOURCE DEVELOPMENT (2019)

Federal

IOGC — INDIAN OIL AND GAS CANADA (2018)

STC — STATISTICS CANADA (2012)

Industry

CAPP — CANADIAN ASSOCIATION OF PETROLEUM PRODUCERS (2002)

EPAC — EXPLORERS & PRODUCERS ASSOCIATION OF CANADA (2002)

How does Industry use Petrinex?

Industry uses Petrinex as the vehicle for reporting to and receiving Oil and Gas information from the various jurisdictions such as:

Infrastructure data.
> Wells and Facilities - status, ID etc.
> Business Associates (BAs) including:
>> Operators,
>> Non Operators.

Monthly data
> Volumetric – i.e. production, injection, movement, inventories.
> Pipeline Split – for crown and partner purposes.
> Product Valuation – for crown and partner purposes.
> Invoices and Statements – delivery to BAs their crown royalty invoices, etc.

Annual data
> Allowable Cost Claims – Crown royalty reductions.

Petrinex ensures the data is secure by getting an annual outside security review done. Currently this review is done by SOC 3 Service Organization Controls Audit. See the link below for information on this audit and the most recent report.

https://www.petrinex.ca/overview/Pages/SOC3.aspx

How detailed is the Volumetric data?

Each active well and facility must report detailed information for all applicable products. The edit rules for Volumetric reporting in Petrinex can be found using the link below:

https://www.petrinex.ca/LC/Documents/Vol_Subs_edits.pdf

These rules detail the data that is reported for Volumetric reporting in the various Jurisdictions.

When is this data available?

Monthly and annual data is subject to reporting deadlines for submissions as per the Petrinex Monthly Reporting Calendars.

Monthly and annual data in Petrinex is not complete until the deadline for the data type has been reached. Infrastructure data is updated as needed (in real time) and not subject to calendar deadlines.

See the link below for the Petrinex Reporting Calendars. The Calendars are specific to each Jurisdiction.

https://www.petrinex.ca/Calendars/Pages/default.aspx

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Industry's perspective on Privacy issues

Who can see the data in Petrinex?

The Oil and Gas business is competitive, complicated and expensive. Industry has significant concerns about who has access to their volumetric data.

Industry has identified specifically two types of data that should not be available to everyone.

1. Confidential and/or experimental information.
   - New areas are being developed and/or evaluated.
     - Land sale prices can be impacted.
   - New technologies are being used to increase production.
     - Non participants could determine how successful new technologies have been.

2. Commercially sensitive information.
   - Competition exists between profit making facilities. i.e. terminals, waste plants.
     - Identification of clients/customers would be possible.

Industry's perspective on Privacy issues

Who can see the data in Petrinex? Cont'd

Due to Industry's concerns, access varies depending on who is requesting the information and whether the information is considered confidential or commercially sensitive.

Access has been divided into 3 groups, the Public, Government participants or Industry.

The Public can access:

Infrastructure and Volumetric data determined to be non-confidential nor commercially sensitive is available to the Public using the Public Data area on the Petrinex website for Alberta (currently) and Saskatchewan (March 2022).

Use the link below to access the Public data area of Petrinex.

https://www.petrinex.ca/PD/Pages/default.aspx

Industry's perspective on Privacy issues - cont'd

The Public continued:

Volumetric data related to the following AB facilities are not currently available:

Custom Treaters (CT).
Terminals (TM).
Meter Stations (MS).
Refineries (RF).
Pipelines (PL).
Fractionation Gas Plants (GP- Subtype 407) w/specialized status "fractionation plant".
Waste Plants (WP).
Mineable Oil Sands (OS).

These facility types have been determined by Industry to be commercially sensitive and thus Industry is not comfortable with the Public seeing this data. More details around which data is not available in a Tip about the "Security Blanket". Use the link below to access the Security blanket Tip.

https://www.petrinex.ca/Tips/Documents/T119_Security_Blanket_2008_changes.pdf

Industry's perspective on Privacy issues - cont'd

Government Participants Access

Each Provincial Jurisdiction has access to on-line queries, reports and extracts of the Industry reported information required for Regulatory and Royalty Calculation data within their own Jurisdiction. However they do not have access to data in other Jurisdictions or Industry-only reporting items.

IOGC has access to on-line queries, reports and extracts of the Industry reported information required for Regulatory and Royalty Calculation data related to IOGC wells-of-interest only.

Statistics Canada receives extracted data (sent automatically) of specific sets of data. They do not have access to on-line queries or reports.

Industry's perspective on Privacy issues - cont'd

Industry Access

Industry access to Volumetric data is also restricted depending on whether the BA is the operator or non-operator of the requested facility.

Facility Operators - have access to on-line queries, reports and extracts for all of the facilities they operate. Since they submitted the data they can see all of the reported information. *Note 1*

Non-Operators (with Petrinex user IDs) - have access to on-line queries, reports and extracts for all of the facilities that are not experimental or commercially sensitive. The data available to non-operators is the same as the data available to the Public. *Note 2*

Note 1: If the facility being queried is experimental or contains confidential wells then only users at the operating BA with security access permission to confidential and/or experimental data. Without this security access messages will appear or the confidential data (i.e. hours) will be displayed as ***.

Note 2: The facility operator can name another BA (a non-operator) on a distribution list which grants that named BA access to all the data at the applicable facility.

Thank you and Contact Information

Thank you for your time and attention.

Contact Information:

Ann Hagedorn

Petrinex - Industry Coordinator

(403) 297-3618

Ann.Hagedorn@gov.ab.ca

Hagedorn & Associates Ltd - Industry Production Accounting Consultant

(403) 607-8696

AnnHagedorn@shaw.ca