



Learning Aid: SK Public Data - Well to Facility Link Download



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Change Log

Date	Section	Changes
March, 2022	Throughout Document	Cleanup and re-format of document
January, 2022		Initial Release



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The goal of this document is to provide information on the Saskatchewan well to facility link downloads via the Petrinex Saskatchewan Public Data page.

Introduction

Saskatchewan well to facility link information referenced in this document can be accessed by the public through the Saskatchewan Public Data Access link on the Petrinex web site.

The current status of all the Saskatchewan well to facility links in Petrinex as of the file creation date will be included in the downloadable files.

Note: If users require an Alberta well to facility link output file, they are required to access the [Alberta Public Data Access](#) link on the Petrinex web site.

Scheduling and Timing

The Saskatchewan well to facility link information files are created nightly and available for public downloading the next morning.

Downloads

This data download is available from the Saskatchewan Public Data Access web page in Comma-Separated Value (CSV) and Extensible Markup Language (XML) formats. Select the desired report, choose a file format and click the “Download” button to obtain the download.

Petrinex functionality allows users to request this report using a separate API address rather than the “download” process. Your report request should follow the following criteria:

<https://www.petrinex.gov.ab.ca/publicdata/API/Files/{Jurisdiction}/Infra/{FileName}/{FileFormat}>

Examples:

<https://www.petrinex.gov.ab.ca/publicdata/API/Files/SK/Infra/Well%20to%20Facility%20Link/CSV>

<https://www.petrinex.gov.ab.ca/publicdata/API/Files/SK/Infra/Well%20to%20Facility%20Link/XML>

Note: The report results will be the same no matter which of the request processes you use.

Users downloading reports for personal use should request the CSV format. This format can be imported to and exported from programs that store data in tables, such as Microsoft



Excel. For further information on creating an excel spreadsheet from CSV see the section below titled “Open and Save CSV Document as Excel Spreadsheet”.

Users downloading the data to upload into other systems should request the XML format. This format shares both the format and the data using standard ASCII text. An XML format is similar to HTML.



Data Fields

Data Element Name	Data Type	Length	Description	Data Protection
Well ID	String	20	Province/State, Node Type and Unique identifier for the well.	
Well Province/State	String	2	Province/State for the well	
Well Type	String	2	Type for the well (always WI)	
Well Identifier	String	20	Unique identifier for the well assigned by the AER to a licensed wellbore.	
Well Location Exception	String	2	The DLS Location Exception designation for the location of a well.	
Well Legal Subdivision	String	2	The DLS Legal Subdivision designation for the location of a well.	
Well Section	String	2	The DLS Section designation for the location of a well.	
Well Township	String	3	The DLS Township designation for the location of a well.	
Well Range	String	2	The DLS Range designation for the location of a well.	
Well Meridian	String	2	The DLS Meridian designation for the location of a well.	
Well Event Sequence	String	1	The DLS Event Sequence designation for the location of a well.	
Well Name	String	66	In SK this field will be blank.	
Well Status Fluid	String	12	Abbreviation of the primary fluid produced by the well event	
Well Status Mode	String	12	Abbreviation of the mode of operation for the well event, this can include flowing, pumping, suspended, abandoned, etc.	
Well Status Type	String	12	Abbreviation of the purpose of the well event such as production, injection etc.	
Well Status Structure	String	12	Abbreviation of the structure. If the well is capable of production from more than one zone, each well	



Data Element Name	Data Type	Length	Description	Data Protection
			event will be assigned a structure code indicating that more than one zone has been completed or whether those zones have been commingled.	
Well Status Fluid Code	String	2	The code of the primary fluid produced by the well event	
Well Status Mode Code	String	2	The code of the mode of operation for the well event, this can include flowing, pumping, suspended, abandoned, etc.	
Well Status Type Code	String	2	The code of the purpose of the well event such as production, injection etc.	
Well Status Structure Code	String	2	A code for the structure. If the well is capable of production from more than one zone, each well event will be assigned a structure code indicating that more than one zone has been completed or whether those zones have been commingled.	
Well Status Start Date	Date	10	Date (YYYY-MM-DD) Well Status was effective	
Linked Facility ID	String	20	Current linked Facility ID	
Linked Facility Province/State	String	2	Province/State for linked Facility	
Linked Facility Type	String	2	Type for linked Facility	
Linked Facility Identifier	String	20	Unique identifier for linked Facility	
Linked Facility Name	String	60	Name of the current linked facility	
Linked Facility SubType	String	3	Current linked Facility sub type number	
Linked Facility SubType Desc	String	60	Current linked Facility sub type description	
Linked Start Date	Date	10	Date (YYYY-MM-DD) well to facility link started	
Linked Facility Operator BA ID	String	20	BA ID of the current facility operator	



Open and Save Document as Excel Spreadsheet

If you have selected the Well to Facility Link Report and your download format is CSV, you should save your report to an appropriate folder. Click the “arrow” beside the “Save As” option to save this report to the selected folder.



Note: The file that you save will be a zipped file (.zip). When you click on the file name it will open the zip file and present the requested report(s) which you will need to save to a folder you have access to.

When you open your csv report, you will notice that all of the preceding zero’s in any of the data has been lost. Example BA Code 00123 would show as 123, Facility Identifier 0000123 would show as 123. You need to create a worksheet in text in order to sort and filter your report as necessary.

- a. Open a new Excel worksheet, and click on **Data** to import your saved report into this new worksheet.
- b. Click **From Text** to open the Import Text file window
- c. Highlight the document that you previously saved and click **Import**.
- d. This opens the Text Import Wizard:
 1. Click the radio button – **Delimited** and click **Next**
 2. Change the radio button under Delimiters from Tab to **Comma** and click **Next**.
 3. You will want to change all of the columns to be Text rather than General. To do this – Hold down the Shift Key and using the scroll bar on the bottom bring it as far to the right as you can. This will highlight all of the columns.
 4. Click the radio button **Text**
 5. Click **Finish**
 6. You are now asked where you want to put the data? Click the radio button – **Existing Worksheet** and click **OK**.
 7. Save the new worksheet as a .XLSX or .XLS file.



Glossary Terms

PUBLIC DATA: Also known as “non-operator data” refers to Petrinex data available to non-operators in Petrinex.