

Well Production Data

Detailed CSV Report Layout

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Alberta Energy Regulator
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Detailed CSV Report Layout

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1 Introduction

1.1 Overview

This document describes the file layout and contents of the Well Production Data detailed CSV product. The report provides basic well infrastructure information and volumetric information. The volumetric information can either be ordered as a summary or detailed report.

- Summary report provides annual and cumulative totals by well.
- Detailed report provides monthly and annual totals and ratios by well.

1.2 Problem Resolution

If you encounter problems with this product, please email informationrequest@acr.ca. Please identify the problem as one or more of the following:

- Problems relating to distribution
- Problems relating to data
- Other problems

1.3 Confidentiality

All files and programs are processed to exclude confidential data. Data are made available once they have been released from confidential status.

1.4 Rights

The AER retains the proprietary rights on all data sold.

Subscribers of this product are permitted to use the data file to select and process data for internal or client use and to release to their clients copies of small portions of the file that result from specialized data retrievals. Copying an entire file or a large portion of a file for resale is not permitted.

1.5 Disclaimer

The AER

- Makes no representation, warranties, or guarantees, expressed or implied, for the fitness of the data files with respect to intended use;
- Accepts no responsibility for any inaccuracies, errors, or omissions in the data files;
- Accepts no responsibility for any costs incurred by a company to convert, install, or improve the data files; and
- Makes no guarantee to the continuing availability of any data or the consistency of the format of transferred data.

File Specification

Row 1	Row 2	Definitions
Textbox9	Period of data provided in year range (yyyy to yyyy)	
Textbox2	Activity Type	Appendix 1
Textbox4	Product Type (by Activity Type)	Appendix 2
Row 4	Row 5	Definitions
tbxWellUWI	Well ID	Unique identifier for the well assigned by the AER to a licensed wellbore. This follows the format for Unique Well Identifiers in Alberta as defined by Appendix 2 of AER Directive 59.
tbxWellName	Well Name	The official well name as it appears on the well licence or an amendment thereof.
textbox5	Licence Number	The pipeline licence number.
textbox10	Field /Pool	Legal or common given name of the field. / The name of the pool.
textbox8	Area/Deposit	Unique identifier for the oil sands area. Unique identifier for the oil sands deposit.
textbox11	Operator code	A code which uniquely identifies the business associate that submits production data to the AER via Petrinex. All production data submitted to Petrinex is filed by the operator of the producing or injecting facility.
textbox31	Allowable Type	Describes whether the well is subject to restrictions on the amount of

		production allowed within a month (allowable) and, if so, which type of allowable is used as the basis for allowable surveillance.
textbox35	Recovery Mechanism Type	The recovery mechanism type used for production.
textbox37	Block Number	The number that uniquely identifies a production block within a pool. Blocks are used for administering production allowable.
textbox33	Approval Number	Board Approval Number associated to this production string. Normally this will only be one approval number, but it is possible to have multiple approval numbers due to overlapping schemes. If more than one approval Number exists for the Production String, this attribute will be populated with the text value "Multiple".
textbox19	Well Status	The short description of the well status structure. This indicates if a well is capable of production from more than one zone, if more than one zone has been completed and if these zones have been commingled.
textbox21	Well Status Date	The effective date for the status.
textbox40	Production Status	A freeform description of the production string status that is based on values from the Status Mode and Status Fluid attributes.
		The short description of the well status structure. This indicates if a

		well is capable of production from more than one zone, if more than one zone has been completed and if these zones have been commingled.
textbox16	On Production Date	The date the production string came on production.
tbxWellConf	Well Confidentiality	Indicates that the well is confidential and some data (field, pool, depths, etc.) may only be available internally.
tbxExConf	Experimental confidentiality	Indicates that the reported activity is for an experimental scheme and that this data must be restricted to cleared personnel within the AER.
textbox18	On Injection Date	Date that injection was first reported for the production string.
textbox13	Well Confidentiality Release Date	Date that the current experimental confidential status is terminated.
textbox2	Experimental Confidentiality Effect Date	Date that the current experimental confidential status is effective. Production and injection data reported for dates greater than or equal to this date are flagged with the current experimental confidential status.
textbox3	Well ID	The Unique Sequence used to Identify a given production string on a target. Unique Well Identifier (UWI)
textbox13	Well Name	The official well name as it appears on the well licence or an amendment thereof.
textbox52	Year	The calendar year, unless specified otherwise.
textbox30	Activity Type	The type of volumetric activity reported.

textbox4	Number of Hours	The number of hours for the given activity (Production or Injection) for the well in the time period.
textbox4	Water volume	The volume of the water component within the reported waste stream. Volume is measure in M3.
textbox55	Number of Hours	The number of hours for the given activity (Production or Injection) for the well in the time period.
textbox55	Water volume	The total volume of the water component within the reported waste stream for a given activity. Volume is measure in M3.
textbox1	January	Report category data for the month of January.
textbox57	February	Report category data for the month of February.
textbox43	March	Report category data for the month of March.
textbox44	April	Report category data for the month of April.
textbox45	May	Report category data for the month of May.
textbox31	June	Report category data for the month of June.
textbox32	July	Report category data for the month of July.
textbox33	August	Report category data for the month of August.

textbox19	September	Report category data for the month of September.
textbox20	October	Report category data for the month of October.
textbox21	November	Report category data for the month of November
ID12	December	Report category data for the month of December.

Appendix 1 Activity Type

Activity Type	Comment
All	(includes all Activity Types and all product type by activity type)
Disposition	
Flare	
Injection	
Production	

Appendix 2 Product Types by Activity Type

Disposition	Flare	Injection	Production	Receipt
Acid Gas	Butane Mix	Acid Gas	Brackish Water	Acid Gas
Brackish Water	Butane Spec	Air	Condensate	Brackish Water
Butane Mix	Entrained Gas	Brackish Water	Fresh Water	Butane Mix
Butane Spec	Ethane Mix	Butane Spec	Gas	Butane Spec
Carbon Dioxide	Ethane Spec	Carbon Dioxide	Oil	Carbon Dioxide
Carbon Dioxide Mix	Gas	Condensate	Sulphur	Carbon Dioxide Mix
Condensate	Pentane Mix	Entrained Gas	Synthetic Crude Oil	Condensate
Ethane Mix	Pentane Spec	Ethane	Water	Ethane Mix
Ethane Spec	Propane Mix	Fresh Water		Ethane Spec
Fresh Water	Propane Spec	Gas		Fresh Water
Gas	Sulphur	Nitrogen		Gas
Hexane Mix	Synthetic Crude Oil	Oil		Gas-Water
Hexane Spex		Propane Spec		Hexane Mix

Pentane Spec	Solvent Steam	Hexane Spex
Isobutane Mix	Waste	Isobutane Mix
Isobutane Spec	Water	Isobutane Spec
Isopentane Mix		Isopentane Mix
Lite Mix		Lite Mix
Methane Mix		Methane Mix
Nitrogen		Nitrogen
Normal Butane Mix		Normal Butane Mix
Normal Butane Spec		Normal Butane Spec
Normal Pentane Mix		Normal Pentane Mix
Oil		Oil
Pentane Mix		Pentane Mix
Pentane Spec		Pentane Spec
Propane Mix		Propane Mix
Propane		Propane

Spec	Spec
Solvent	Solvent
Steam	Steam
Sulphur	Sulphur
Sulphur Basepad	Synthetic Crude Oil
Sulphur Block	Waste
Sulphur Molten	Water
Sulphur Slate	
Sulphur Spill	
Synthetic Crude Oil	
Waste	
Water	