

FAQs For BC Total Production Report

What is the purpose of the BC Total Production Report?

The “BC Total Production Report” includes all monthly volumetric products from each producing non-confidential well completion event, reported historically to the Ministry of Finance and since October 2018 via the PETRINEX reporting system. Historic published production including plant liquid volume reports are based on “field measurement”, BCS-1 and BCS-2 monthly report of raw gas, oil, condensate and water. The “BC Total Production Report” includes “plant products” on the BC-08 form; marketable gas, ethane, propane, butane and pentane plus.

This Report provides a comprehensive data view of “rich gas” production by providing all by-product volumes except for sulphur. In some cases, due to facilities linkages, condensate is only reported as plant pentanes plus volume. The addition of field condensate and plant pentane provides a total condensate volume for the well event.

Plant volumes are reported two months following the production month. Hence the last reported month for a well event will show no plant volumes until the following month.

The user of this report should be aware that plant volumes are of different vintages depending if the volumes are pre or post Petrinex implementation. All volumes provided in this report are as received by the Ministry of Finance. Any variability seen in month-to-month data is not the responsibility of the BC government as the data is reported by the operator on a monthly basis. See the statement at bottom.

What is the definition of each column in the BC Total Production Report?

General well information:

WA Number	<ul style="list-style-type: none">Well permit (license) number.
Completion Event	<ul style="list-style-type: none">Numeric completion event of the well, specific to a formation. Production volumes are allocated to a completion event.
UWI	<ul style="list-style-type: none">Unique Well Identifier, a 16-digit identification of a well completion event which includes the location identification. In a horizontal well, it is the toe (bottom-hole) of the well.
Area code	<ul style="list-style-type: none">A specific number assigned to the field in which the well is located https://www.bcogc.ca/industry-zone/petroleum-geology-data
Formation Code	<ul style="list-style-type: none">A specific number assigned to the formation being produced from https://www.bcogc.ca/industry-zone/petroleum-geology-data
Well Area Name	<ul style="list-style-type: none">The name of the field specified in the well name. For a well completed in a large unconventional Regional Field, this provides a more specific reference location.
Operator abbreviation	<ul style="list-style-type: none">Current well permit holder.

Well Production Data:

Production Days	<ul style="list-style-type: none">• Determined from total production hours per month divided by 24 hours per day.
Raw gas, oil, field condensate and water production	<ul style="list-style-type: none">• Volumes are metered in the field. The reported volumes are reported through to Petrinex the month following the production month.• Units are e³m³ for gas and m³ for condensate and water.

Plant Processed Volume:

Ethane, Propane, Butane & Pentene plus volumes	<ul style="list-style-type: none">• Plant-processed volumes that are allocated back to the well level by using the heating value of the inlet plant gas-stream along with the well gas, hydrocarbon liquid or oil analysis.• The actual reported NGL volumes (ethane, butane and propane) may vary significantly from the theoretical values determined from the gas and hydrocarbon liquid analysis, due to the plant recovery efficiency for a specific compound. Most plants, depending if it is a shallow or deep cut facility, do not or only partially extract the lighter components from the gas stream. The remaining lighter components are accounted for in the gas stream through a higher heating value at the plant outlet.• The plant volumes are reported to the Ministry of Finance two months following the production month.• Volume fluctuation between EMPR and OGC: Volume fluctuations are caused in part by where royalties are charged. For example, royalties may be charged at the plant inlet stream based on a higher gas heating value, or after plant processing is complete, on plant by-products and gas stream. The difference between these points of sale accounts in part for the differences seen mainly in the ethane, propane and butane volumes. Pentane plus volume differentials account mainly for the volume from the wells that are held confidential.• Units are m³ for all plant volumes reported.
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Disclaimer Statement:

Operator may adjust production data for up to 72 months resulting that volumes may vary from month to month. This data is provided for information only and though the Commission enforces measurement requirements the OGC is not responsible for the accuracy of the data.