

Ministry of Energy, Mines and Low Carbon Innovation

Guide to Oil and Gas Land Plats and Tenure Areas

December 2023



Ministry of
Energy, Mines and
Low Carbon Innovation

Summary of revisions

Effective date	Section	Description
December 2023	All	Organizational and housekeeping updates.
October 2019	Appendix A	Instructions updated to reflect recent changes to the BC Data catalogue
August 2017	All	Ministry name change.
October 2015	Appendix B	Instructions updated to reflect recent changes to AccuMap.
May 2016	Appendix C	Updated to reflect that iMapBC has changed the option from “Add Data BC Layers” to “Add Provincial Layers”.

The information in this guide is for your convenience and guidance and is not a replacement for the legislation or regulations. You can access the legislation and regulations online through [BC Laws](#).

Introduction

The oil and gas land plats (land plats) illustrate pools of oil and gas that the ministry recognizes as having been delimited through the exploration and development work of industry. The land plats display the location of a pool in terms of the geographical spacing areas it covers and the name of the geological formation in which the pool has been delimited. The tenure areas are the outlines of the oil and gas fields in which the land plats are found.

The land plats represent an important part of the petroleum and natural gas lease continuation process in British Columbia. A spacing area in a lease is eligible for continuation if it is covered by a pool shown in the land plats.

Note: The oil and gas pools published by the BC Energy Regulator (regulator) are **not** used for tenure continuation purposes. Although they are similar, the land plats published by the ministry are different in detail than the oil and gas pools published by the regulator. This is due to the incorporation of complex well, geophysical, geological and engineering information provided to the ministry as part of lease continuation applications.

Accessing land plats

The ministry updates and publishes the land plats on a monthly basis as the ministry recognizes new pools and adjusts the boundaries of existing pools based on new geological information it receives.

- Appendix A provides instructions on how to download the land plats as a shapefile for use with your own mapping software.
- Appendix B provides instructions on how to import the land plats into AccuMap.
- Appendix C provides instructions on how to view the land plats online using iMapBC.

If you wish to receive an email notification each month when the ministry updates the land plats, please let us know by sending an email to PNGTitles@gov.bc.ca.

Contact information

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Appendix A: Download land plats

- To download the land plats as a shapefile for use with your own mapping software, go to <https://catalogue.data.gov.bc.ca/dataset/oil-and-gas-land-plats>
- Link must be opened in a supported browser; these include Edge, Chrome, Firefox, Opera or Safari.
- Once the Oil and Gas Land Plats page opens, click on BC Geographic Warehouse Custom Download link to access the shapefile.

The screenshot shows the 'Oil and Gas Land Plats' dataset page on the British Columbia Data Catalogue. The page includes a header with the BC logo and 'Data Catalogue' title, and navigation links like 'Log In', 'Search', and 'Menu'. Below the header, there are navigation options: 'Back to Datasets list', 'Scroll to Bottom', 'Groups', 'Contact Data Expert', and 'Share'. The main content area is divided into two columns. The left column contains the dataset title 'Oil and Gas Land Plats' with a 'PUBLISHED' badge, followed by 'Published By' (Tenure and Resource Stewardship), 'Description' (Land Plats illustrate in map view the oil or gas Spacing Areas delimited in a pool, and names the geological formation in which the pool is recognised...), 'Licence' (Open Government Licence - British Columbia), and 'Contacts' (Name: Sara McPhail, Email: sara.mcphail@gov.bc.ca, Organization: Tenure and Resource Stewardship, Role: Point of Contact). The right column is titled 'Data and Resources' and lists three items: 'BC Geographic Warehouse Custom Download multiple' with an 'Access/Download View' link circled in red, 'WMS getCapabilities request wms' with 'Access/Download View' links, and 'KML Network Link - Possible Known Issues kml' with 'Access/Download View' links.

Data Download pop-up window:

Data Download - Google Chrome

apps.gov.bc.ca/pub/dwds-ofi/jsp/dwds_pow_current_order.jsp?publicUrl=https%3A%2F%2Fapps.gov.bc.ca%2Fpub%2F...

Data Download Current Order

Order Details

Coordinate System

BC Albers (m) ▾

Format

ArcView Shape ▾

Area of Interest

None ▾

% of Max

5%

Included Layers

Layer Name	Filter Type	% of Max
Oil and Gas Land Plats	No Filter	5%

Email address where order notifications will be sent.

yourname@youraddress.ext

I agree to the [Terms and Conditions](#)

Submit Order

- After you click access/download, a data download pop-up window will open. You may have to configure your browser to allow the Data Catalogue site (gov.bc.ca) to open pop-up windows.
- In the “Coordinate System” box, choose either “BC Albers (m)” or “Geographic Long/Lat (dd)” depending on the software you will be using. If you are using AccuMap, you should select “Geographic Long/Lat (dd)”.
- In the “Format” box, choose “ArcView Shape”.
- In the “Area of Interest” box, leave as the default none.
- Enter your email address in the field provided, accept the “Terms and Conditions” and click “Submit Order”.

- You should quickly receive a confirmation email followed by a second email containing a link to initiate the download. Click the download link in the second email and you will be taken to a web page like the one below. If the download does not begin shortly, click the link on the web page.

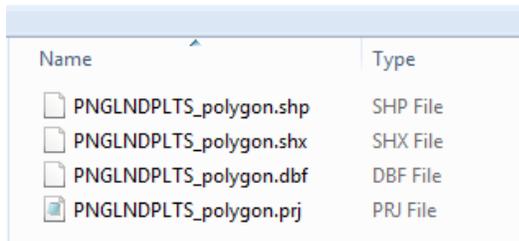


The screenshot shows a web page with a dark blue header containing the British Columbia logo and the text "BRITISH COLUMBIA". Below the header, the page content is white. On the left side, there is a grey vertical bar. The main content area has the heading "Initiate Download" in bold. Below the heading, it says "Order ID 2273667". A line of text follows: "Your download should begin shortly. If it does not, [click here](#)". The text "click here" is highlighted in yellow and circled in red.

Appendix B: Import, view and query land plats in AccuMap

Save the Land Plats Shapefiles for AccuMap

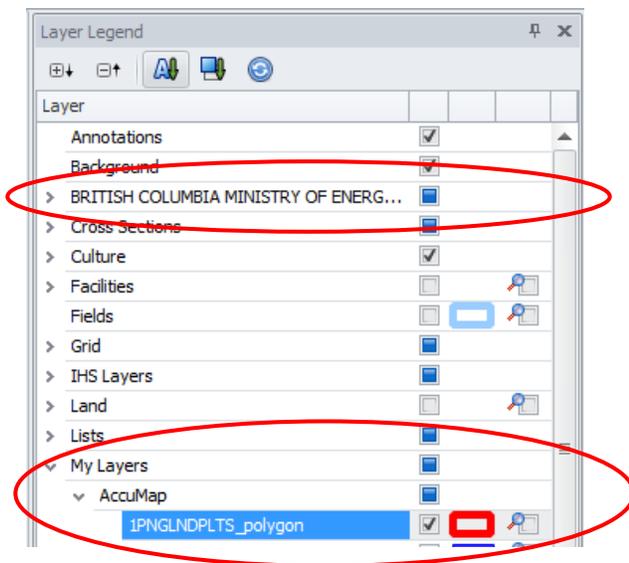
- Once you have downloaded the file using the instructions in Appendix A, unzip it and find the four shapefiles (.dbf, .prj, .shp, .shx) in the 'PNGLNDPLTS' folder. Copy the four files into your shared AccuMap folder, which may look something like this: **Z:\AccuMap\Shared**, OR into your personal AccuMap folder, which may look like this: **C:\AccuMap\Maps**.



Name	Type
PNLNDPLTS_polygon.shp	SHP File
PNLNDPLTS_polygon.shx	SHX File
PNLNDPLTS_polygon.dbf	DBF File
PNLNDPLTS_polygon.prj	PRJ File

Open AccuMap and click the Land Plats (PNLNDPLTS_polygon) Layer

- The PNLNDPLTS_polygon layer will be found either under your company folder structure (if saved here Z:\AccuMap\Shared) or under My Layers → AccuMap (if saved here: C:\AccuMap\Maps)

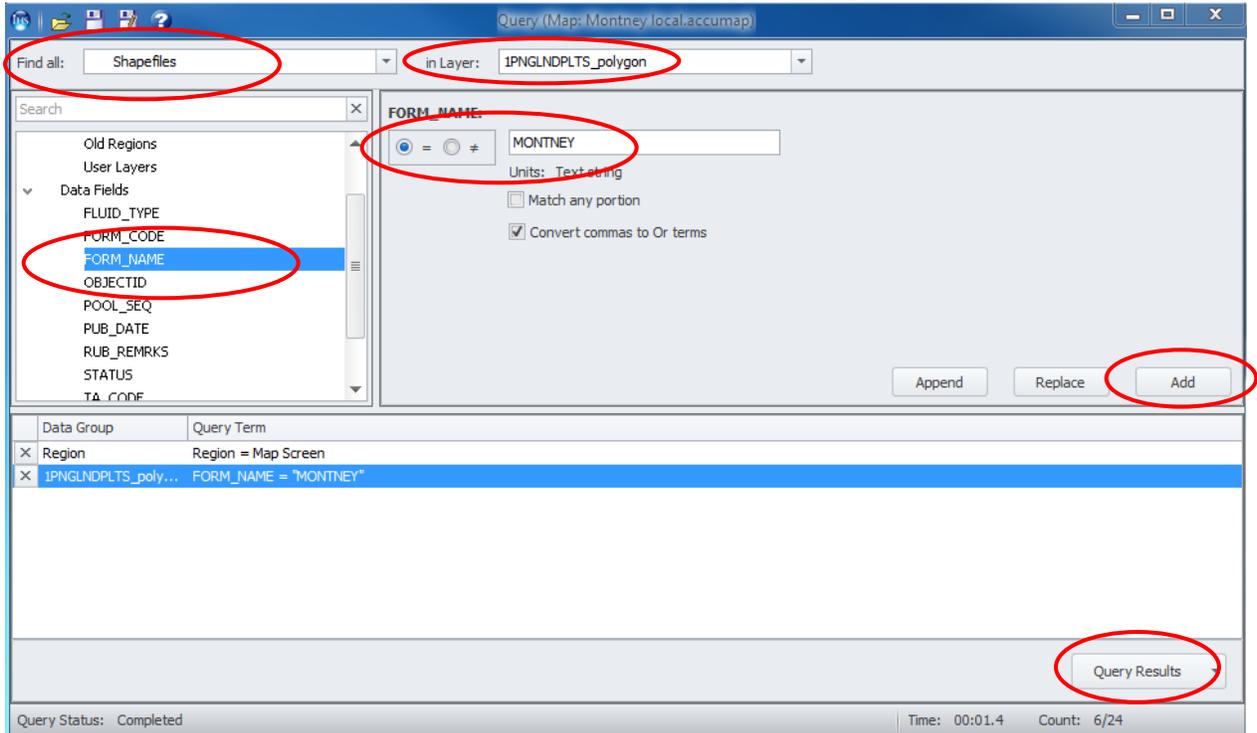


Query the Land Plats Layer (e.g., Display all the Montney land plats)

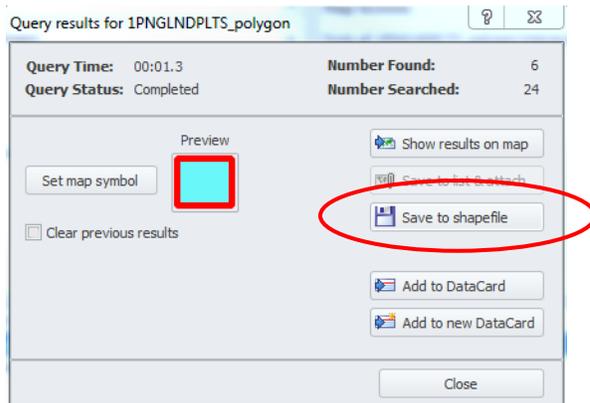
- Choose the 'Query' button on the 'Data Tab'.



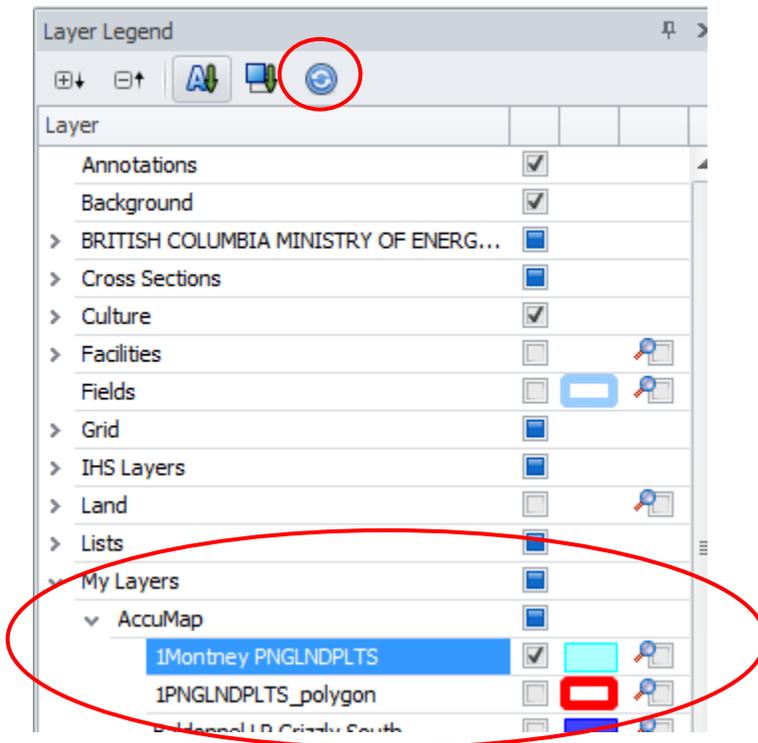
- In the 'Find all:' box choose 'Shapefiles' and in the 'in Layer:' box choose 'PNGLNDPLTS_polygon'.
- Under 'Data Fields', select 'FORM_NAME'. Click the '=' button and type 'MONTNEY'.
- Click the buttons 'Add' and 'Query Results'.



- Choose the 'Save to shapefile' Button.



- Save in C:\AccuMap and then click on the '1Montney PNGLNDPLTS' Layer in the 'Layer Legend'. If it does not appear, click the refresh arrows.



Appendix C: View land plats online through iMapBC

- To view the land plats online, go to <https://www2.gov.bc.ca/gov/content/data/geographic-data-services/web-based-mapping/imapbc> and select “Launch iMapBC”.
 - Click the “Data Sources” tab at the top of the page.
 - Click “Add Provincial Layers”.
 - Scroll down the list of layers and click to expand the “Mining and Petroleum” folder.
 - In the “Mining and Petroleum” folder, click to expand “Oil and Gas Land Plats and Tenure Areas”. Then select “Oil and Gas Land Plats – Cross Hatched” and “Oil and Gas Tenure Areas – Outlined” from the list of options.
- Note:** You may notice “Oil and Gas Commission – Oil and Gas Pools” in the Layer Catalog. These pools are **not** the same as the oil and gas land plats and are **not** used for tenure continuation purposes.
- You may wish to add additional layers from the list, such as “Petroleum and Natural Gas Tenure Grid” and “Petroleum Active Titles”.
 - Click “OK” to close the Layer Catalog Window.
 - A list of the layers you chose will appear in the left frame of your screen. From the list, you can select or deselect layers to turn them off or on. A greyed-out item on the list indicates the layer is not available at the current scale. Zoom in to view the layers.
 - For more information on using iMapBC, click on the “Help” tab within your map, or go to <https://www2.gov.bc.ca/gov/content/data/geographic-data-services/web-based-mapping/imapbc> to access additional reference material.