

# **Ministry of Natural Gas Development**

## **Guide to Oil and Gas Land Plats and Tenure Areas**

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Assistant Deputy Minister  
Upstream Development Division  
May 2016



## Summary of Revisions

<b>Effective date</b>	<b>Section</b>	<b>Description</b>
October 2015	Appendix B	Instructions updated to reflect recent changes to AccuMap
May 2016	Appendix C	Updated to reflect that iMap BC has changed the option to “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](#).

## Guide to Oil and Gas Land Plats and Tenure Areas

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 Oil and Gas Commission (OGC) 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 OGC. 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](mailto:PNGTitles@gov.bc.ca).

### Contact Information

Ministry of Natural Gas Development  
Upstream Development Division  
Tenure and Geoscience Branch

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Facsimile: 250-952-0331

Email: [PNGTitles@gov.bc.ca](mailto:PNGTitles@gov.bc.ca)

#### Mailing Address:

PO Box 9326, Stn Prov Gov't  
Victoria, BC V8W 9N3

#### Location:

6<sup>th</sup> Floor 1810 Blanshard Street  
Victoria BC V8T 4J1

## Appendix A: Download Land Plats

To download the land plats as a Shapefile for use with your own mapping software, go to <https://apps.gov.bc.ca/pub/dwds/addProductsFromExternalApplication.do?productId=0&productId=15080>.

- In the “Area of Interest” box, choose the default “Do not use an AOI”.
- **In the “Projection” 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”.
- Enter your email address in the field provided, accept the “Terms and Conditions” and click “Submit Order”.

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### Data Distribution Service

Welcome Guest

#### Your Order

Your Order id: 1567638

Show Help

**Find / Add More Products**

**Configurable Products**

Area of Interest: Do not use an AOI

Projection: BC Albers (m) Format: ArcView Shape

Name	% of Max	Info	Remove
Oil and Gas Land Plats	18%	<a href="#">i</a>	<a href="#">x</a>

**Total Order Size: 18% of Max Size**

Enter the email address to which order notifications should be sent

Email Address:

I accept the [Terms and Conditions](#)

**Cancel Order** **Submit Order**

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

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**Government of British Columbia**

**Data Distribution Service** Welcome Guest

**Initiate Download** Your Order id: 1567638

Your download should begin shortly. If it does not, try

[ftp://distribution.data.gov.bc.ca/dwds/BCGW\\_78757263\\_1440610761990\\_4924.zip](ftp://distribution.data.gov.bc.ca/dwds/BCGW_78757263_1440610761990_4924.zip)

**Related Links**

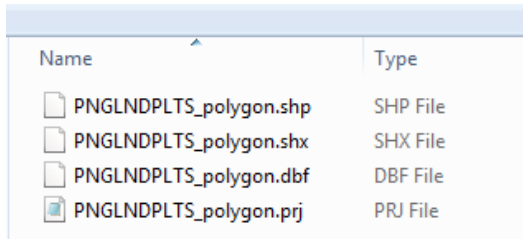
- ▶ [iMapBC Public](#)
- ▶ [iMapBC Secure](#)
- ▶ [DataBC](#)
- ▶ [Discovery Service](#)
- ▶ [WMS](#)
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## Appendix B: Import, View and Query Land Plats in AccuMap

### Save the Land Plats Shapefiles for AccuMap

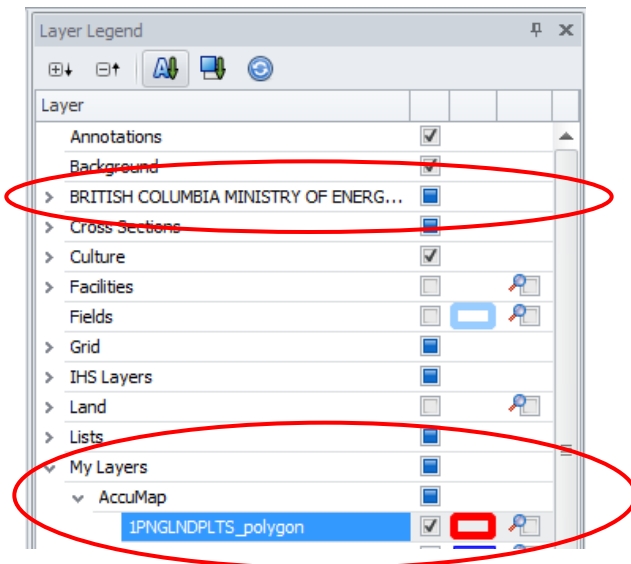
- Once you have downloaded the file using the instructions in Appendix A, unzip it and find the four shapefiles (.dbf, .prj, .shp, .shx) in the 'PNGLNDPLTS' folder. Copy the four files into your shared AccuMap folder, which may look something like this:  
**Z:\AccuMap\Shared**, OR into your personal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



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

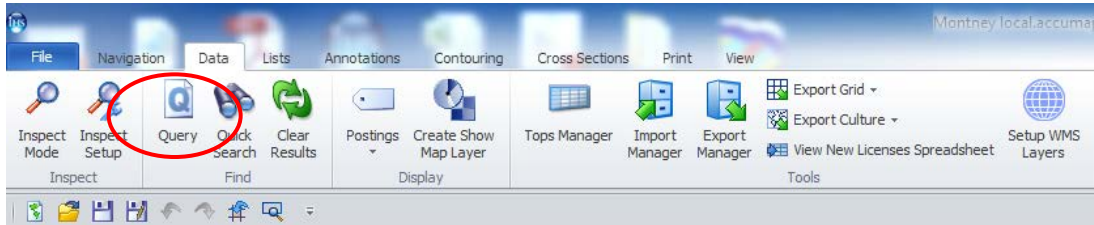
### Open AccuMap and Click the Land Plats (PNGLNDPLTS\_polygon) Layer

- The PNG\_LNDPLTS\_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)

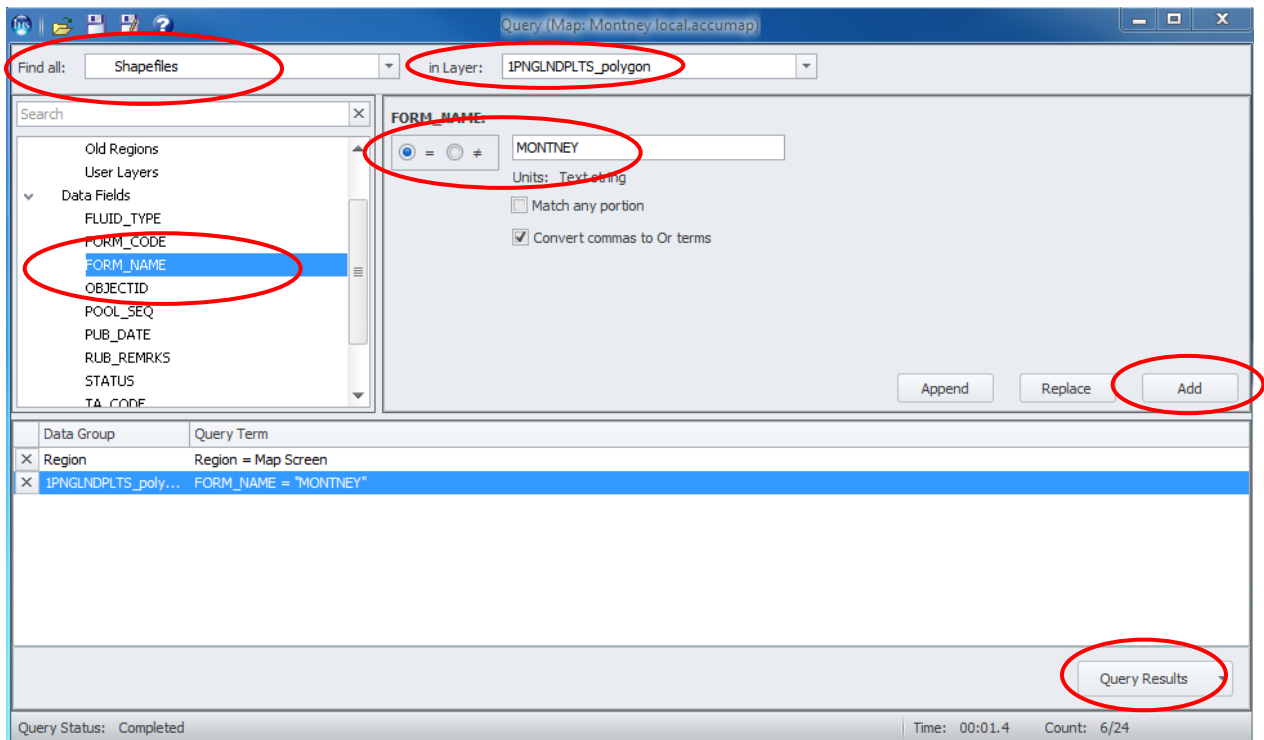


## Query the Land Plats Layer (e.g. Display all the Montney land plats)

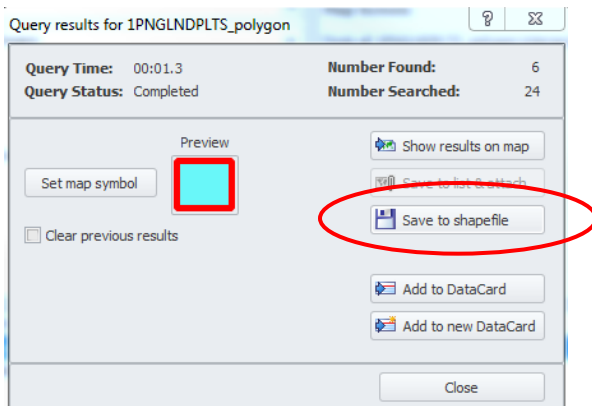
- Choose the 'Query' button on the 'Data Tab'.



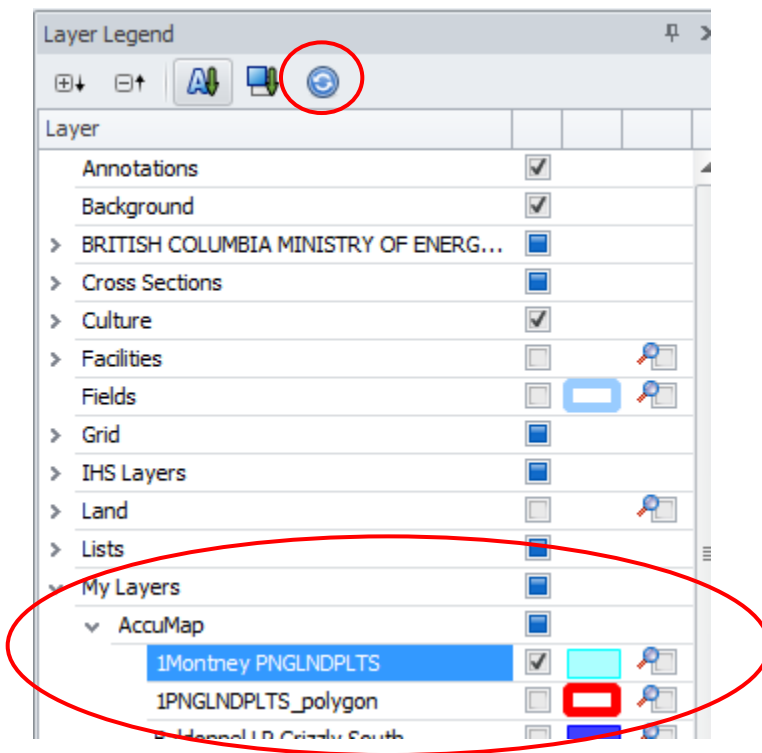
- In the 'Find all:' box choose 'Shapefiles' and in the 'in Layer:' box choose 'PNGLNDPLTS\_polygon'.
- Under 'Data Fields', select 'FORM\_NAME'. Click the '=' button and type 'MONTNEY'.
- Click the buttons 'Add' and 'Query Results'.



- Choose the 'Save to Shapefile' Button.



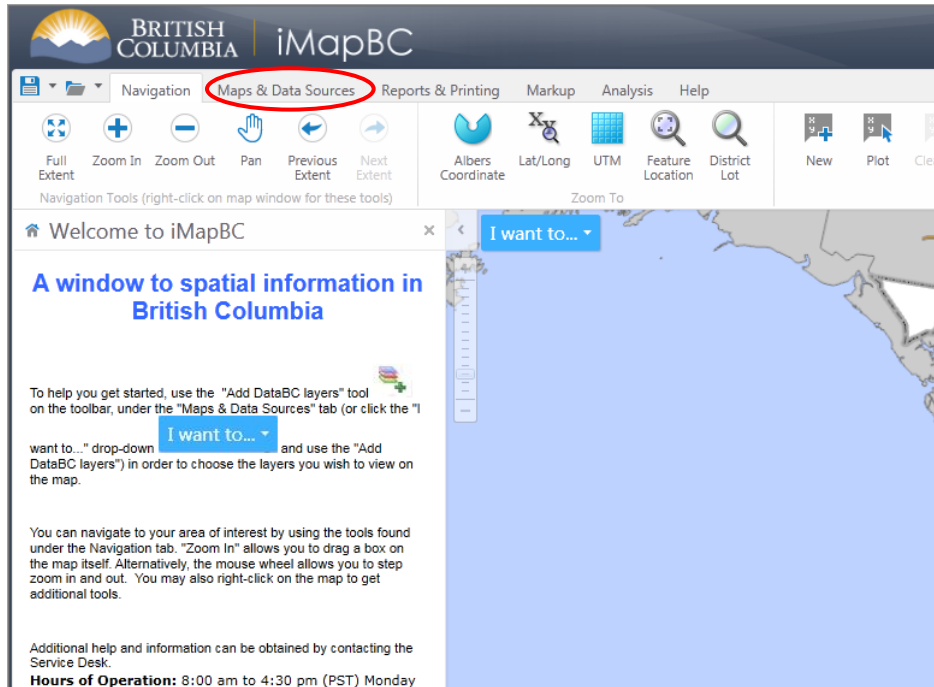
- Save in C:\AccuMap and then click on the '1Montney PNGLNDPLTS' Layer in the 'Layer Legend'. If it does not appear, click the refresh arrows.



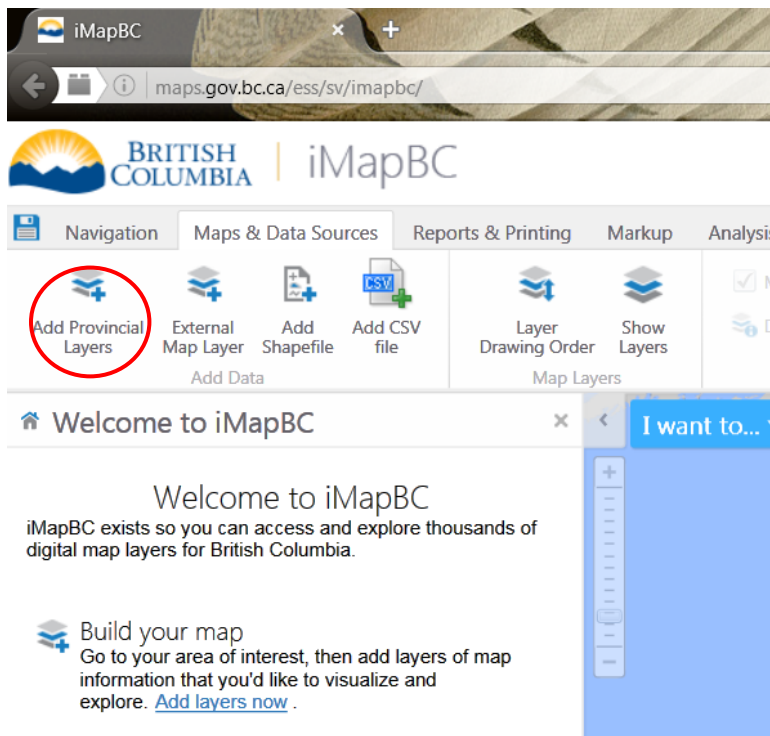


## Appendix C: View Land Plats Online through iMapBC

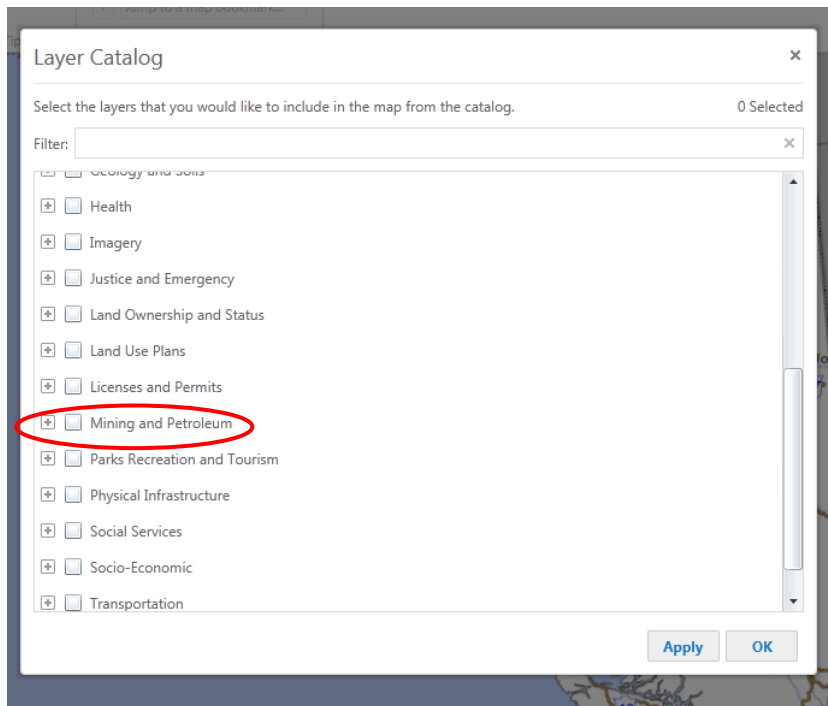
- To view the Land Plats online, go to <http://maps.gov.bc.ca/ess/sv/imapbc/> and choose the “Maps and Data Sources” tab at the top of the page.



- Click “Add Provincial Layers”.

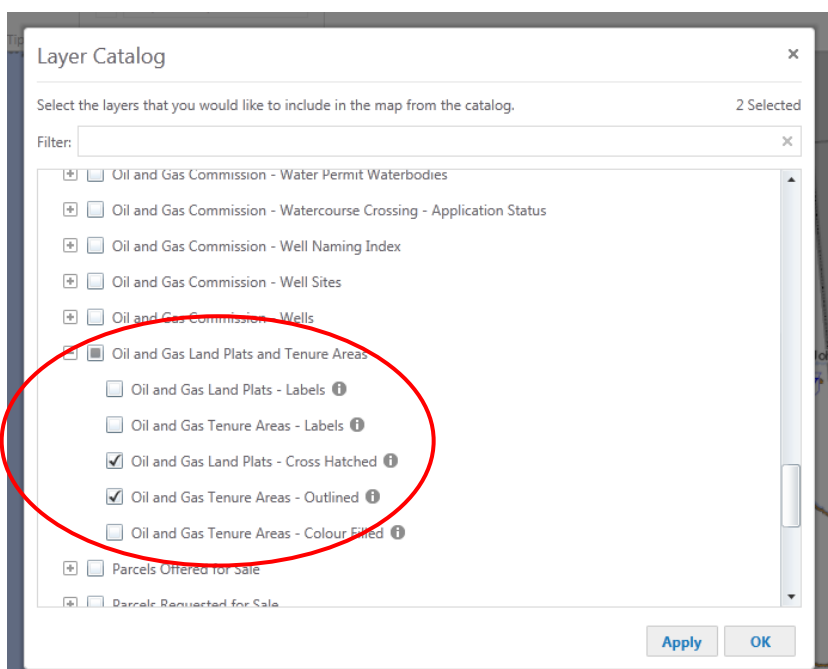


- Click to expand the “Mining and Petroleum” folder.

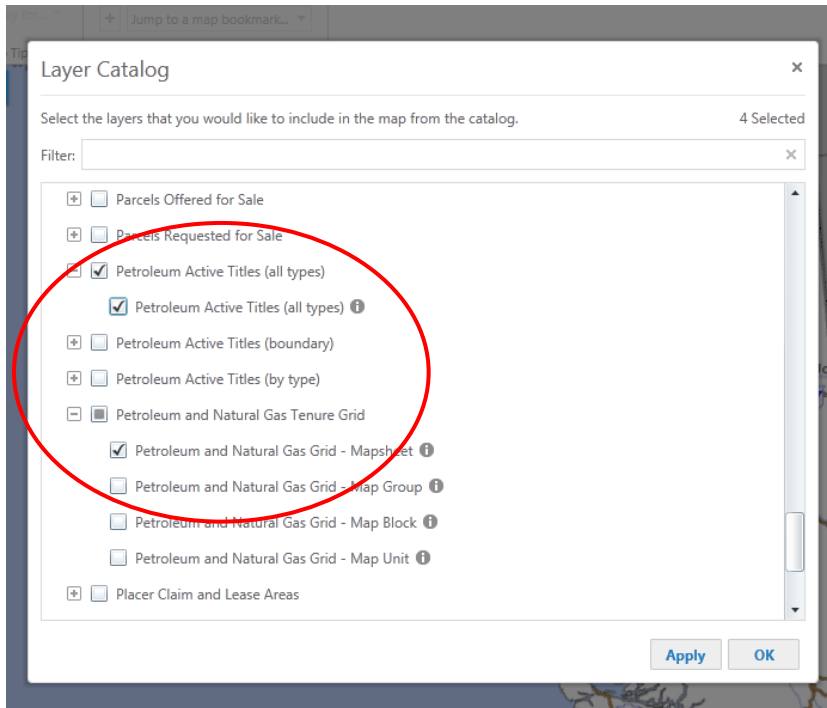


- In the Mining and Petroleum folder, click to expand “Oil and Gas Land Plats and Tenure Areas”. Then select “Oil and Gas Land Plats – Cross Hatched” and “Oil and Gas Tenure Areas – Outlined” from the list of options.

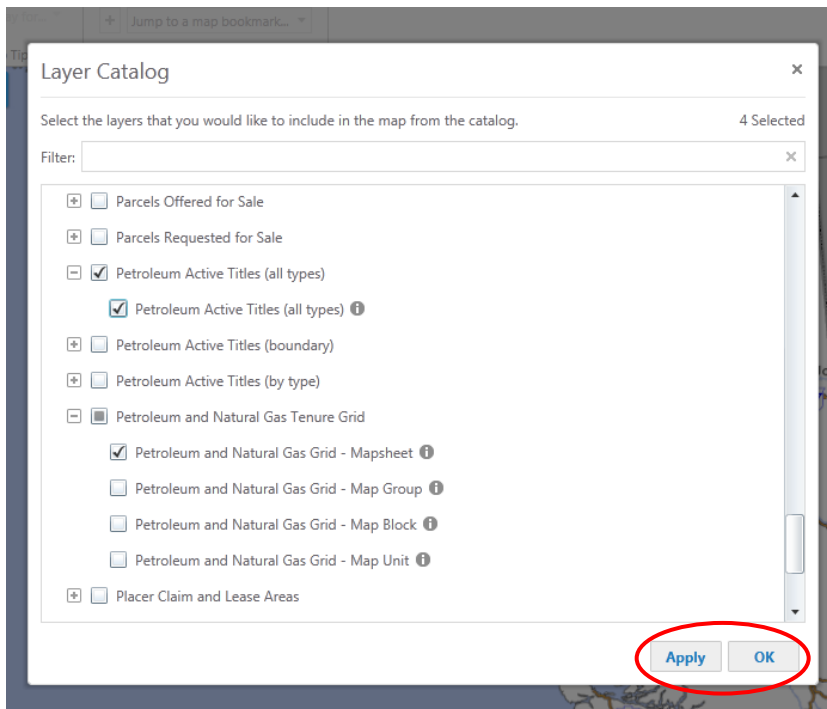
**Note:** You may notice “Oil and Gas Commission – Oil and Gas Pools” in the Layer Catalog. These pools are **not** the same as the Oil and Gas Land Plats and are **not** used for tenure continuation purposes.



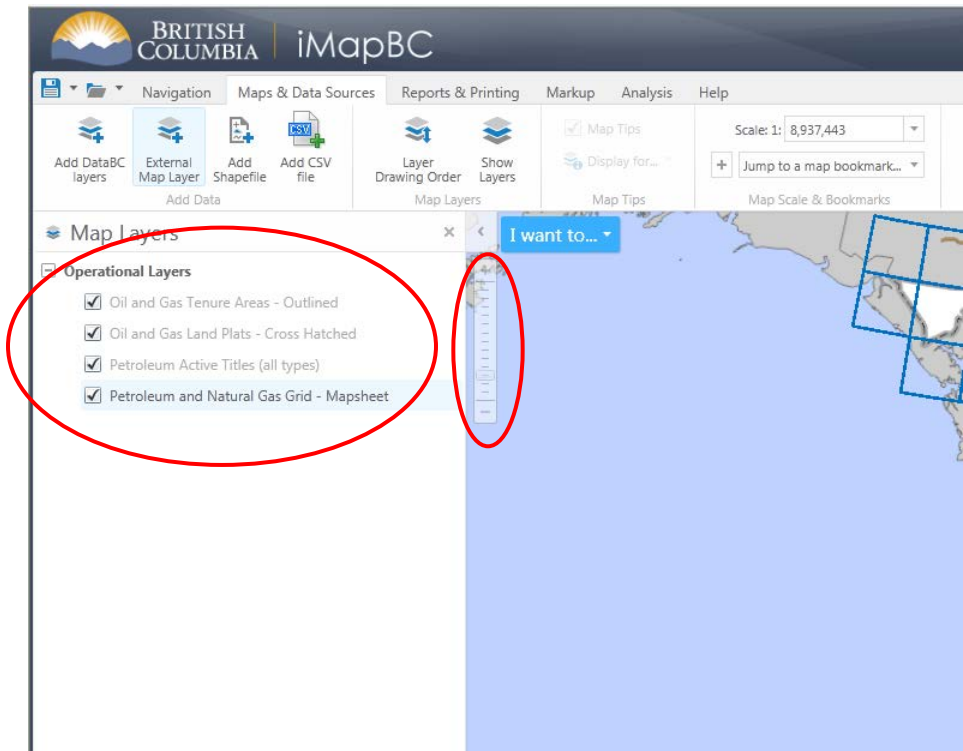
- You may wish to add additional layers, such as “Petroleum and Natural Gas Tenure Grid” and “Petroleum Active Titles”.



- Click “Apply” and then click “OK” to close the Layer Catalog Window.



- A list of the layers you chose will appear in the left frame. 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, go to <http://maps.gov.bc.ca/ess/sv/imapbc/> and select the “Help” tab. You will then see various help options at the top of the page.

