

# ILRR Quick Reference Guide - Petroleum and Natural Gas Data Reference Guide

Access the ILRR at: [www.ILRR.ca](http://www.ILRR.ca)

## The ILRR is:

A spatially enabled integrated register of over 280 different types of Crown land interests and tenures, regulated uses, land and resource restrictions, and reservations (i.e. parks, mineral reserves).

In addition to the rights and interests, reference layers available in the ILRR include:

- Crown land parcels and private land parcels where available.
- Administrative boundaries including natural resource districts and provincial parks are available in the map viewer.
- Base map information including roads, water features, and map grids.

## Why use the ILRR?

- Access comprehensive current land and resource information in minutes, instead of days or weeks.
- A real time acquirer takes interest information from a variety of natural resource sector Ministries and registers it in the ILRR (target within 30 minutes) allowing you to immediately view and status the interests against other requested and active interests.
- Determine the current ownership status of the land (Crown and private).
- Identify if further research may be necessary, and then use ILRR information to locate records in systems such as the British Columbia Geographic Warehouse (BCGW) for digital spatial data and resource information, GATOR for detailed Land Act and survey information and MyLTSa for information on private land.
- Identify potential land use conflicts.
- Supports:
  - land-use planning and treaty negotiations;
  - inter-agency referral processes;
  - applications for interests on land; and
  - emergency planning and response.
- Faster, more consistent decision making using common information.
- Reduced risk in decision making.
- Quickly generate queries, maps, reports, share reports with others, and get email notification if something changes on a specific interest.

## ILRR Petroleum and Natural Gas Interests Reference Information

### Petroleum and Natural Gas Resources:

The Ministry of Natural Gas Development is committed to promoting the development and exploration of resources in all regions of the Province. The Ministry of Natural Gas Development is responsible for the development and ensure maximum economic benefits to British Columbians from the province's natural gas resources.

The Ministry facilitates B.C.'s thriving, safe, environmentally responsible and competitive natural gas sector to create jobs and economic growth. The Ministry, through the LNG Task Force, provides an overarching framework to ministries and Crown agencies to ensure policies, programs and decisions support the establishment of a thriving, competitive LNG industry that is environmentally and socially responsible.



The Ministry guides the development of recommendations related to energy exports and opening new export markets related to interprovincial pipelines, oil projects and value-added natural gas products to ensure responsible development and maximum economic benefits to British Columbians.

The B.C. Oil and Gas Commission is responsible for management and issuance of all permitting processes for the exploration and extraction of petroleum and natural gas. This includes managing permits for road building, facility siting, storage and drilling activities.

## Contacts: ILRR Support

Toll Free (within BC): 1-866-952-6801  
Within Victoria: 250-952-6801

E-Mail: [NRSApplications@gov.bc.ca](mailto:NRSApplications@gov.bc.ca) (to open a ticket)  
[NRSEnquiries@gov.bc.ca](mailto:NRSEnquiries@gov.bc.ca) (to ask a question)

## Contacts: Petroleum and Natural Gas Development

For business questions regarding specific Petroleum and Natural Gas interests displayed in the ILRR contact Ministry of Natural Gas Development:

- Ministry of Natural Gas Development: <http://www2.gov.bc.ca/gov/content/industry/natural-gas-oil>
- B.C. Oil and Gas Commission: <http://www.bcogc.ca/>

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## Petroleum and Natural Gas Interests in the ILRR

The following interests can be found in the ILRR. There are over 280 interest types in the ILRR and the list provided is just a sample of what is available.

Petroleum & Natural Gas Act Interests	Drilling licences	Drilling Licences convey the exclusive right to drill oil/gas wells in a defined area. Parts of permits and drilling licences may be converted to leases if all obligations are met - the remaining rights revert to the province. All rights revert to the province if commitments are unmet. Holders are obligated to perform exploratory or development work. However, approval to carry out the work is not included - the Oil and Gas Commission must approve each specific activity.
	Natural Gas leases	Natural Gas leases allow production, in addition to providing exclusive drilling rights. Although provincial tenure agreements contain obligations to conduct exploratory or development work, approval to carry out the work is not included. Each activity, such as a geophysical survey or drilling a well, must have specific approval from the Oil and Gas Commission.
	Oil and gas pipeline temporary permit	All temporary permits are issued for a period of two years to facilitate access or authorization to use Crown land for the purpose of constructing Oil and Gas Pipelines.
	Petroleum & Natural Gas leases	Petroleum and Natural Gas leases allow production, in addition to providing exclusive drilling rights. Although provincial tenure agreements contain obligations to conduct exploratory or development work, approval to carry out the work is not included. Each activity, such as a geophysical survey or drilling a well, must have specific approval from the Oil and Gas Commission.
	Petroleum & Natural Gas permits	Petroleum and Natural Gas permits carry an obligation to conduct exploration. Parts of permits and drilling licences may be converted to leases if all obligations have been met. The remainder of the rights revert to the province. If the tenure holder does not meet the commitments, all rights revert to the province.
	Petroleum leases	Petroleum leases allow production, in addition to providing exclusive drilling rights. Although provincial tenure agreements contain obligations to conduct exploratory or development work, approval to carry out the work is not included. Each activity, such as a geophysical survey or drilling a well, must have specific approval from the Oil and Gas Commission.
Other Petroleum & Natural Gas Interests	Oil and gas facility temporary permit	All temporary permits are issued for a period of two years to facilitate access or authorization to use Crown land for the purpose of constructing Oil and Gas Facilities.
	Oil and gas other temporary permits	All temporary permits are issued for a period of two years to facilitate access or authorization to use Crown land for the purpose of construction.
	Permit (Oil and Gas)	Oil and Gas Permits carry an obligation to conduct exploration. Parts of permits and drilling licences may be converted to leases if all obligations have been met. The remainder of the rights revert to the province. If the tenure holder does not meet the commitments, all rights revert to the province. Although provincial tenure agreements contain obligations to conduct exploratory or development work, approval to carry out the work is not included. Each activity, such as a geophysical survey or drilling a well, must have specific approval from the Oil and Gas Commission.
	Petroleum Development Road Temporary Permit	All Temporary Permits are issued for a period of two years to facilitate access or authorization to use Crown land for the purpose of constructing Oil and Gas Facilities.
	Test Hole	A well drilled to shallow depths for evaluation purposes. A person must not begin to drill or drill a test hole except under a subsisting test hole authorization under the <i>Petroleum and Natural Gas Act</i> .
	Underground storage lease	The holder of a petroleum or natural gas permit, drilling licence or lease or an exploration licence granted under section 126 may apply to the minister for a lease of a storage reservoir that is owned by the government.
	Well authority	Wellsites are typically small land areas about one hectare in size that contain at least one oil or gas well. A person must not begin to drill, or drill or operate, a well except under a subsisting well authorization.

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## ILRR Main Menu

Once the user logs into the ILRR the user will see the ILRR Main Menu. The main menu shows all of the functions available to the user to search for interests and rights in the ILRR application.

When working in the ILRR application, the left side of the page always displays your ILRR menu functions.

These options allow the user to jump to the different functions for accessing ILRR information or allow the user to return to the ILRR Main Menu.

ILRR Main Menu	
Select one of the following items to continue.	
<a href="#">Map Inquiry</a>	Select an area of interest using an interactive map tool and generate a status report.
<a href="#">Query Interest Record</a>	Search for interests using an ILRR Interest Identifier or Agency Record Identifier and generate a status report.
<a href="#">Survey Parcel Search</a>	Search for survey parcels using legal description parameters.
<a href="#">Custom Status</a>	Build a custom status query to identify all interests that meet a set of parameters such as Interest Type, Holder, Size, Status and Location.
<a href="#">My Queries and Notifications</a>	Save and share queries to generate status reports.
<a href="#">Public Reports</a>	Generate a conflict and/or constraint report based on an ILRR Interest location, area of interest, shapefile or Geomark URL.
<a href="#">Business Reports</a>	Access Line of Business Reports.

A new **Public Report** has been added that presents a listing of interests over a particular area. This report will be useful to public users for tracking new authorizations / applications.

## Survey Parcel Search

The Survey Parcel Search function allows a user to quickly locate a Survey Parcel Type based on a private land Parcel Identifier (PID), a Crown Parcel ID Number (PIN), a Title Number (JUROL or BC Assessment Roll Number), or based on the legal description.

The only difference between the Survey Parcel Search and the Legal Description Search within the Custom Status option is the Survey Parcel Search only allows the user to view the results of the search, where the Legal Description Search allows you to view the results AND select a survey parcel to be used as the AOI or location parameter in a Custom Status Query.

To avoid confusion and to help you identify where you are in the ILRR system, the Survey Parcel Search screens are labeled: Survey Parcel Search, whereas the same screens in a Custom Status are labeled: Custom Status.

## Map Inquiry

The Map Inquiry function utilizes the map viewer to determine existing rights and interests for a specific location. Using the map viewer you can spatially query interests, produce maps, or select an "area of interest" for a land status query.

The map viewer will also show you if there are any pending interests, requests, or restrictions for the area you are viewing.

Some map inquiry functions include:

- Access to information on over 280 different interests.
- The ability to turn on or off any specific layer such as an administrative boundary, survey parcel, or roads (i.e. personalize the layers that you are looking at).
- Enable clients to 'drill-down' and generate a list of interests at that point.
- The ability to import a shape file , select a polygon , or draw a polygon to create an AOI (area of interest) then accept the AOI and generate a status report.
- Access to information on private land (PID, JUROL, or legal description).
- Enable clients to print with your customized map view.

Functions described on the next page



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## Query Interest Record

The Query Interest Record function allows the user to quickly locate a specific interest, record, or group of records based on a known ILRR Interest Identifier or Agency Record Identifier.

Example workflow:

- 1a. Select the **ILRR Interest Identifier** option and enter the ILRR Interest Identifier (example 296186), or
- 1b. Select **Agency Record Identifier** and then from the options presented select **Petroleum Tenures** (example Title Number 47047) or **Oil and Gas Applications** (example OGC number 9625730) and enter the appropriate interest identifiers.
2. Select the preferred display options in the **Generate Report Display Options** screen and click **Next** to display the **Report Results** screen.
3. In the **Report Results** screen you have the option to view the selected interest in the **Map Viewer**, use the selected interest to **Create Status Report**, or use the selected interest to **Create Overlay Report**.

1 Interest Record(s) found.

Indicates that the list may be sorted by this column by clicking on the column header.

Select	ILRR Interest Identifier	Issuing Agency	Business Identifier	Status	Type	Responsible Agency
<input type="checkbox"/>	296186	MEM	Title #: 47047	INACTIVE	PNG-LS	MEMPR

Printer Version

- Map Viewer
- Create Status Report
- Create Overlay Report

Click the **ILRR Interest Identifier** link to view the interest details

<b>Interest</b>			
ILRR Interest Identifier:	296186	Interest Status:	INACTIVE
Issuing Agency Identifier:	5	Sensitive Record:	N
Interest Type:	PETROLEUM AND NATURAL GAS LEASE		
DPR Registry Name:	OIL AND GAS REGISTRY		
DPS System ID:	PETROLEUM TITLES ONLINE		
Interest Description:			
Issuing Agency Description:	Ministry of Energy and Mines		
Issuing Agency Interest ID:	47047		
Responsible Agency Description:	Ministry of Energy, Mines and Petroleum Resources		
Interest Area in Hectares:	267	Area Calculated:	N
Conditions and Restrictions:	ACCESS AND WELLSITE CONSTRUCTION RESTRICTIONS MAY APPLY TO PROTECT: HIGH TIMBER VALUES POTENTIAL FOR ARCHAEOLOGICAL RESOURCES EXISTS; OVERVIEW ASSESSMENT MAY BE REQUIRED.		
Interest Date:	1996/10/23	Request Date:	1996/10/23
Term Start Date:	1996/10/23	Term End Date:	2006/10/23
Term Duration:	10	Term Duration Units:	YEARS
Term Details:			
<b>Business Keys</b>			
Title #	47047		

Select the Interest and click **Create Status Report** to generate a Status Report for the Interest. There were 28 interests within 1000 meters of interest Title number 47047 returned in the Status Report

28 Interest Record(s) found.

Indicates that the list may be sorted by this column by clicking on the column header.

Select	ILRR Interest Identifier	Issuing Agency	Business Identifier	Status	Type	Responsible Agency
<input type="checkbox"/>	176699	LWBC	Disp Trans SID : 821452 DOCUMENT NUMBER : 028044 FILE NUMBER : 8013929	ACTIVE	MISCELL-RN	MAL
<input type="checkbox"/>	175159	LWBC	Disp Trans SID : 285553 DOCUMENT NUMBER : 84854 FILE NUMBER : 800897	ACTIVE	ENVNCR-RN	MAL
<input type="checkbox"/>	169900	LWBC	Disp Trans SID : 288531 DOCUMENT NUMBER : 88028 FILE NUMBER : 800296	ACTIVE	AGRICUL-RN	MAL
<input type="checkbox"/>	652698	LWBC	Disp Trans SID : 285262 DOCUMENT NUMBER : 804290 FILE NUMBER : 8000736	INACTIVE	AGRICUL-LS	MAL
<input type="checkbox"/>	35588	LWBC	Disp Trans SID : 285265 DOCUMENT NUMBER : 2834/1299 FILE NUMBER : 8000737	ACTIVE	AGRICUL-CG	MAL
<input type="checkbox"/>	652699	LWBC	Disp Trans SID : 285275 DOCUMENT NUMBER : 804290	INACTIVE	AGRICUL-LS	MAL

This report may contain information of a confidential and sensitive nature. Please protect the information accordingly.

Select All Clear All Back Close

Printer Version

- Map Viewer
- Create Status Report
- Create Overlay Report
- Display Conflicting Interest

## Custom Status

Users can create a custom status query by selecting parameters to be defined from the left navigation menu, completing the parameter screen(s), and submitting the results. This query allows you to run a report using seven different parameters. You can define one or more of the parameters to refine your query and result set. The results of a successful query provide statusers, decision makers, and land planners with information to conduct preliminary status, identify potential conflicts and to make decisions on where rights can be issued or identify where restrictions are needed.

To create a custom status query:

1. Select **Custom Status** from the ILRR Menu on the left.
2. From the left navigation menu, select the applicable parameters for your custom status by clicking the parameter. The user can select as many or as few parameters for their custom search. Each of these parameters, are describe on the below.

### Interest Type

Allows the user to choose which interest type(s) to be included in the query. These are categorized by the layer's folder shown in the map viewer.

### Interest Agency

Allows the user to choose which interest responsible Ministry to be included in the query. These are the Ministries responsible for the interest which host the interest granting agencies.

### Location

Allows the user to choose which location(s) you want included in the query. This can be a known feature, such as using the Legal Description Search which allows the user to search by parcel type (Primary, Crown Subdivision, Land Title subdivision or right-of-way), or to use the Map Viewer to create an AOI.

### Term or Other Dates

Allows the user to choose the term or date(s) to be included in the query. This can be the Requested Date, the Term Start Date, the Term End Date, and/or the Interest Date.

### Interest Holder

Allows the user to choose which interest holder(s) to be included in the query.

### Interest Status

Allows the user to choose the interest status (request, active, inactive, obsolete, or suspended) to be included in the query.

### Interest Size

Allows the user to choose the interest size to be included in the query.

Custom Status Parameter Summary screen shows all the selected and defined parameters and those which have been set to default.

With **Save Query** you can create a notification under the My Queries and Notifications button that ILRR will monitor any changes that occur within the record set defined by the query. You must click the **Submit** button before clicking the **Save Query** button.

If you wish to create an Overlay Report, in the right navigation menu, click the **Create Overlay Report**.

Click the **Submit** button to generate your report. If you receive an error when submitting, your query may not be adhering to the Query Validation Criteria.

The Query Validation Criteria can be found at [http://geobc.gov.bc.ca/rrr/ilrr/ilrr\\_faq.html](http://geobc.gov.bc.ca/rrr/ilrr/ilrr_faq.html)

If you wish to reset one or any of the parameters, select the **Reset** button beside the parameter name(s). You can also reset all of the parameters by selecting the **Reset All** button at the bottom of the screen.