

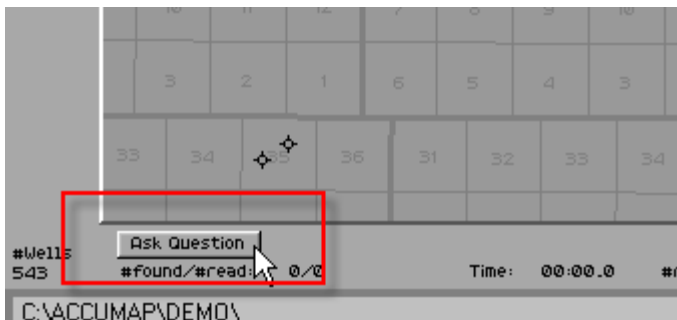


## AccuMap® Land Export

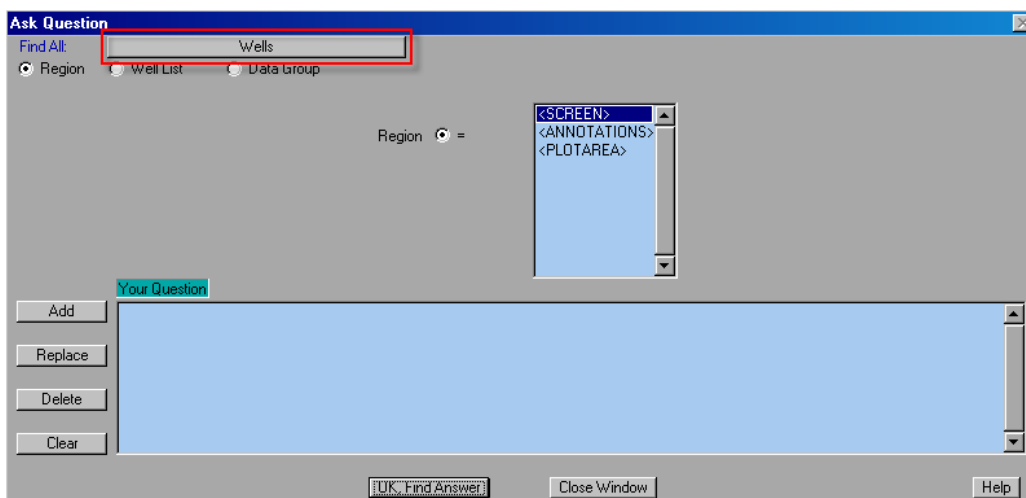
This workflow document looks at how to export land using AccuMap's Export Manager, starting with some basic methods of creating and saving land lists and then moving into the exports using system and customized user templates.

Basic land list creation can be done either through a query or through creating a point-and-click list. The query method is useful for highlighting leases with specific attributes whereas point-and-click lists are very handy for selecting certain leases already known to have the desired attributes.

The query example will be searching for *BP Canada's lands* (in the example area of Cranberry). To start using the Ask Question tool to create a land list from a query, click on the **Ask Question** button at the bottom of your Detail Map:



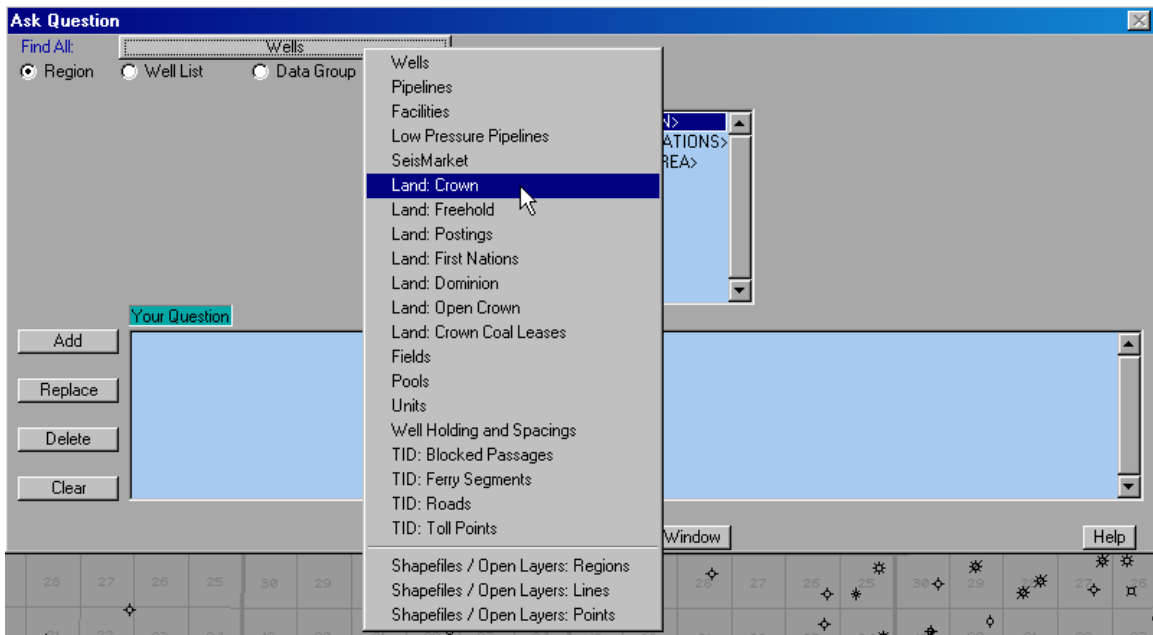
This will open up the Ask Question dialog that looks like this:





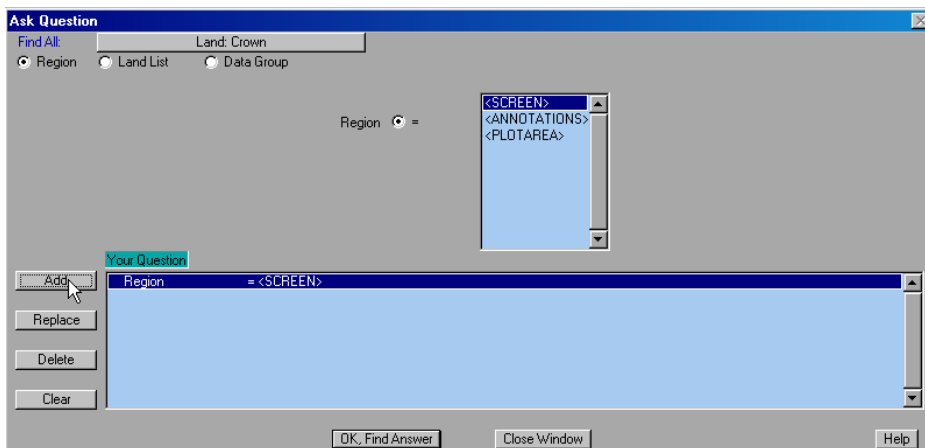
## AccuMap® Land Export

First, click on the **Wells** button next to the **Find All:** heading highlighted in the previous screenshot. It will open a menu that looks like this:



Select the type of land to query against, in this example it will be Crown land, so select **Land: Crown** from the menu.

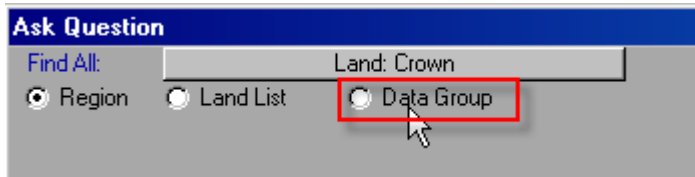
Next, in the **Region** field, select **<SCREEN>** and click on **Add**. The query should look like this:



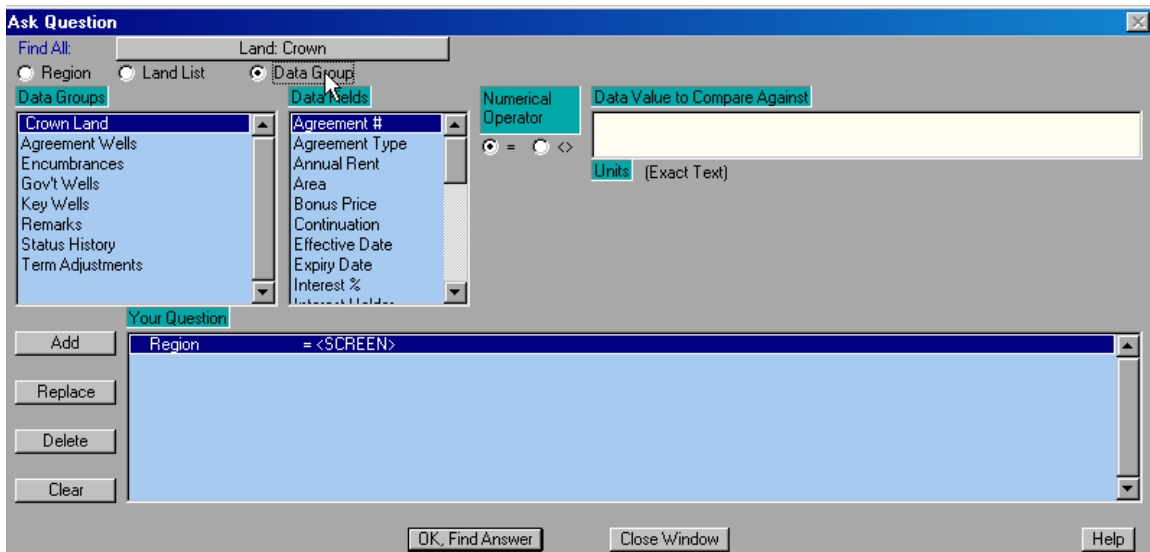


## AccuMap® Land Export

Now click on the **Data Group** radio button at the top of the window:



The Ask Question window will change to display Data Groups, Data Fields and Data Value to Compare Against:

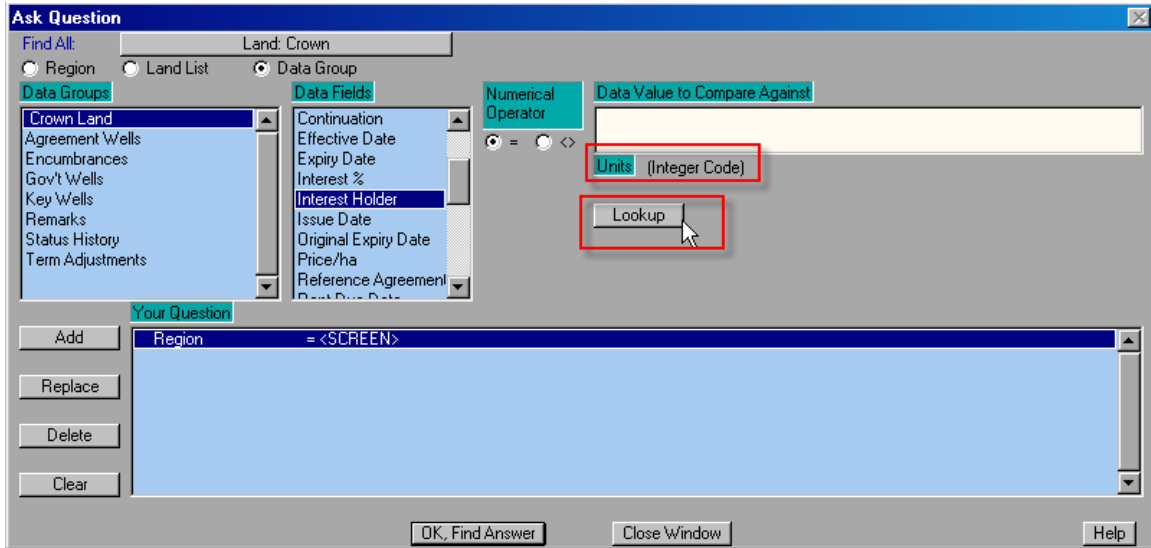


Here is where further criteria can be leveraged to make the query specifically find only leases with certain attributes, in this example *searching for lands belonging to BP Canada*. Depending which Data Group is selected, the Data Fields available to query against will change. Once a Data Field is selected, a Data Value to Compare against may need to be specified.

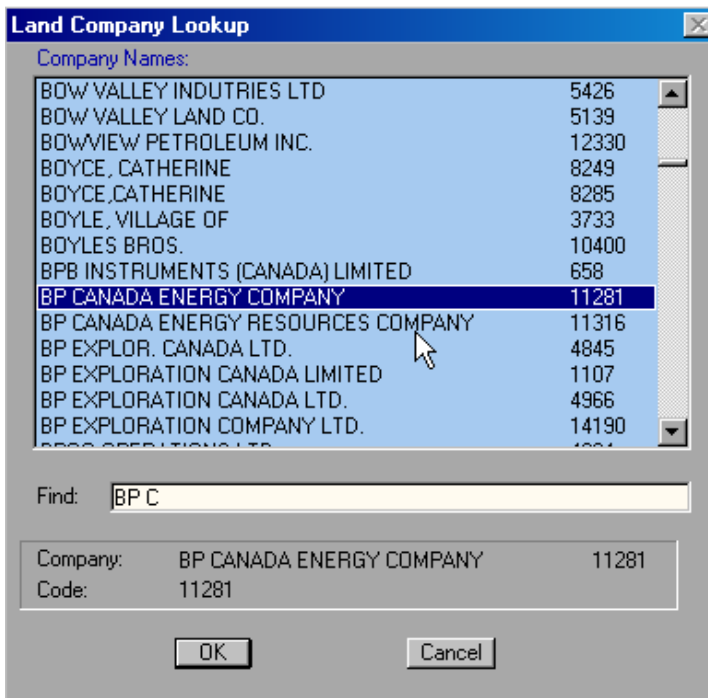
First, to specify BP Canada as an Interest Holder on the land, under the **Crown Land** data group, select **Interest Holder**.



## AccuMap® Land Export



Notice that beneath the Data Value to Compare Against field, beside the **Units** label, it indicates it is looking for an **Integer Code**, meaning it is looking for a numerical ID code. Whenever AccuMap is looking for an ID number, a **Lookup** button will be provided. Clicking on the **Lookup** button will open a Lookup table:





## AccuMap® Land Export

In the **Find** field, as the name of a company is typed in, the results above will automatically change to reflect the input. A couple of tips about the Lookup:

- To select multiple entries, left click on each additional entry to select (no SHIFT or CONTROL key is required)
- To de-select an entry, left click on the entry to de-select it (no SHIFT or CONTROL key is required)

In this example, all of the entries for BP have been selected:

BP CANADA ENERGY COMPANY	11281
BP CANADA ENERGY RESOURCES COMPANY	11316
BP EXPLOR. CANADA LTD.	4845
BP EXPLORATION CANADA LIMITED	1107
BP EXPLORATION CANADA LTD.	4966
BP EXPLORATION COMPANY LTD.	14190

Click on **OK** to add those entries to the Data Value to Compare Against. Notice how each of the ID numbers is separated by a comma:

Data Value to Compare Against  
11281,11316,4845,1107,4966,14190

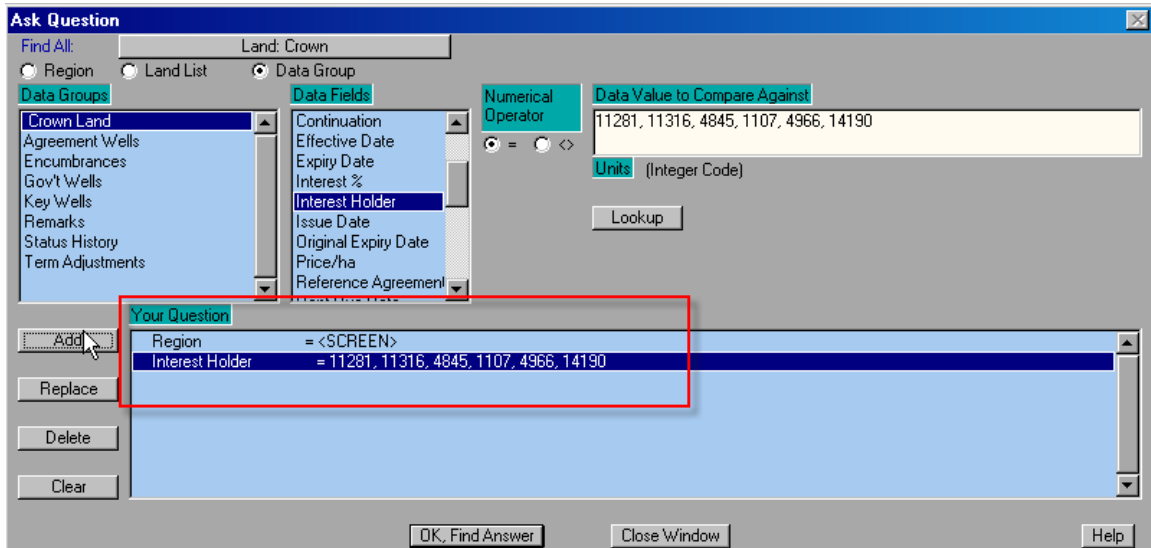
Units (Integer Code)

Lookup



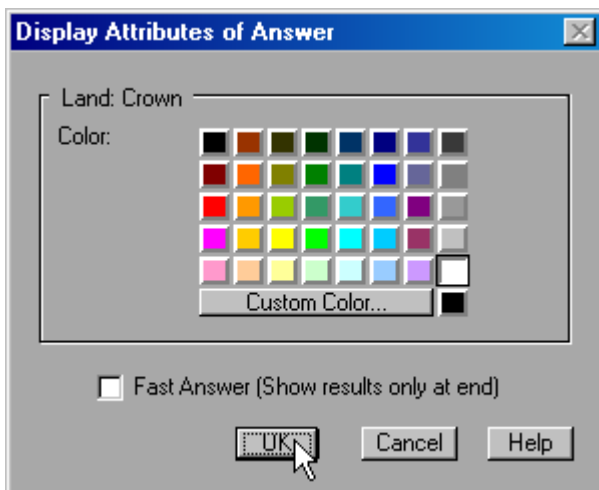
## AccuMap® Land Export

Click on **Add** to add that criteria to the query. The Ask Question window will now look like this:



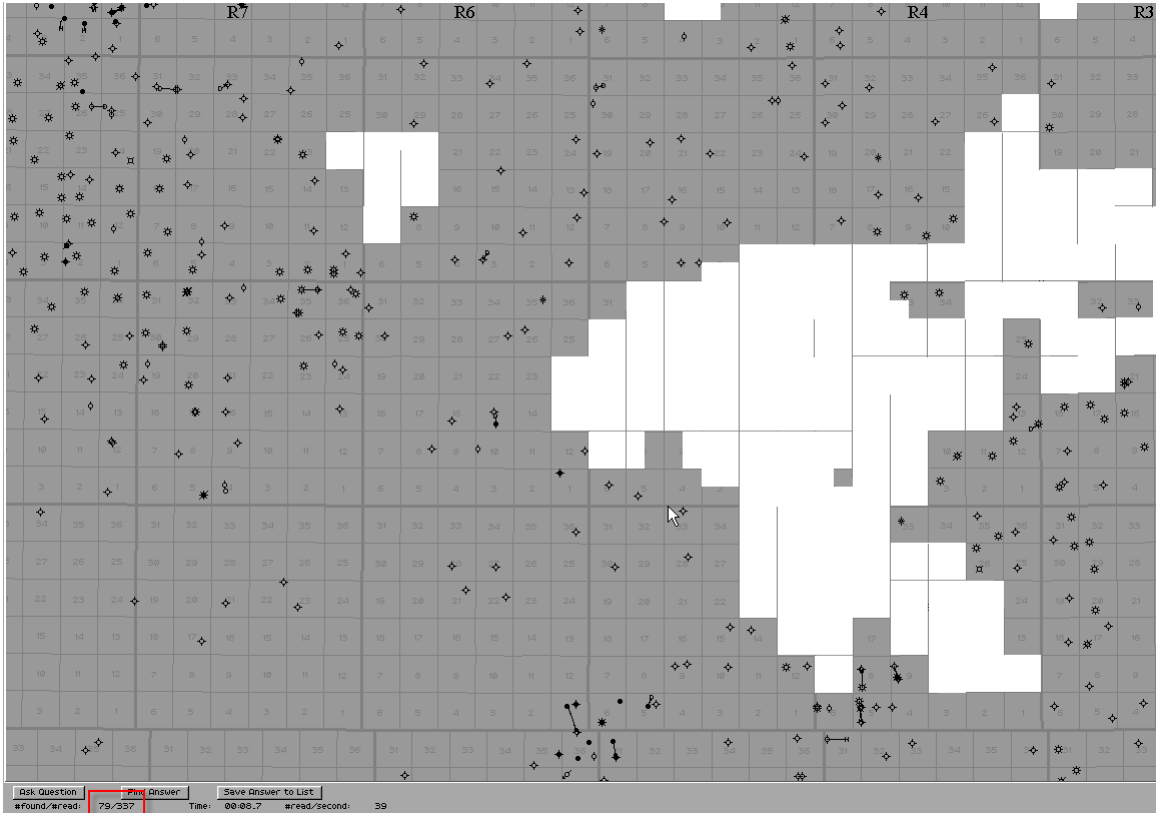
So right now, the query is going to search for all of the leased Crown land results on screen that have an interest holder matching any of the BP Canada ID numbers. Click on **OK, Find Answer** to start the query.

The next step is to select how those results will be highlighted on the map; in this example, white has been selected. Click on **OK** to proceed.



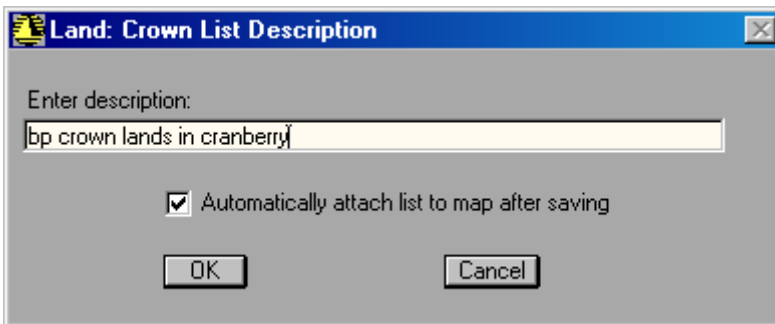


## AccuMap® Land Export



Here, all of the leased Crown land that belongs to BP Canada has been highlighted in white. At the bottom of the screen, it indicates that of the 337 leases on screen, 79 of them match the terms of the query.

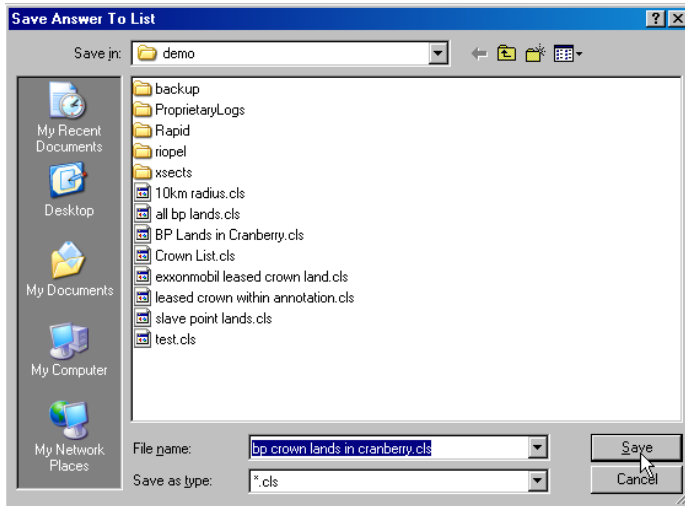
The next step is to save these results to a list – click on the **Save Answer to List** button. It will prompt for a description to be entered:



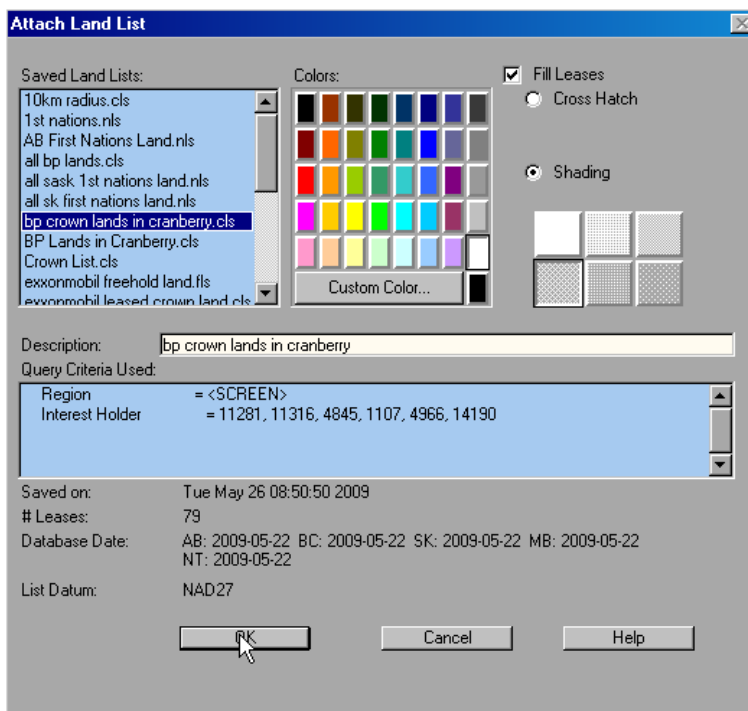


## AccuMap® Land Export

Click **OK** to proceed and confirm the list name by clicking on **Save**.



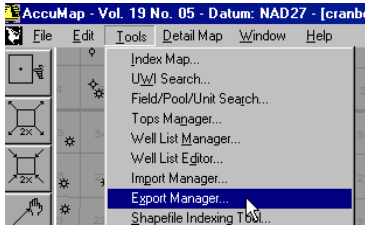
Last, confirm how the list is to be displayed on the map and click on **OK**:





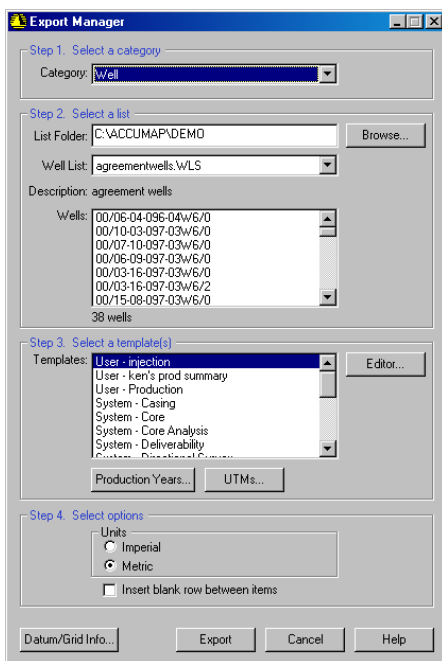
## AccuMap® Land Export

The **Export Manager** in AccuMap is the tool which allows users to export data from their lists out to Microsoft Excel®. The Export Manager is accessed under the **Tools** menu and then selecting **Export Manager**:



The Export Manager is broken down into 4 steps:

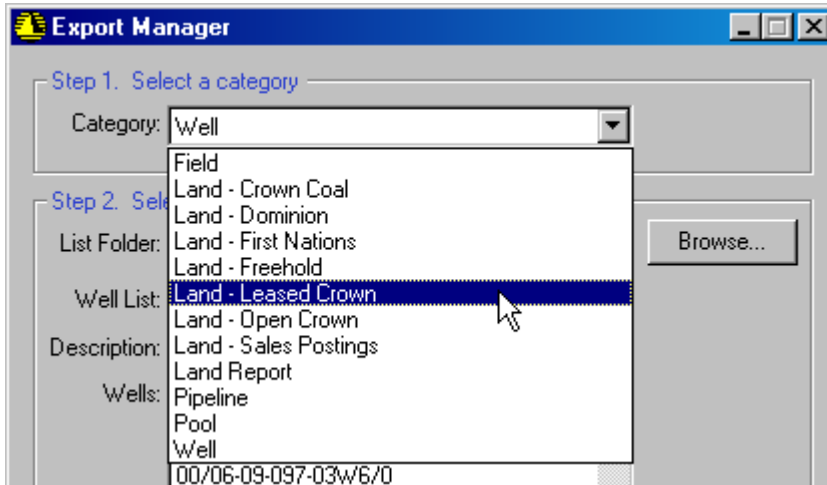
- 1) Select the type of list to export (i.e. wells, pipelines, Land – Leased Crown, Land – Open Crown, Land – Freehold, etc.)
- 2) Select which list to export
- 3) Select which template to use on the export (the template determines which data comes out in the export)
- 4) Select the units for the exported data (Imperial or Metric)



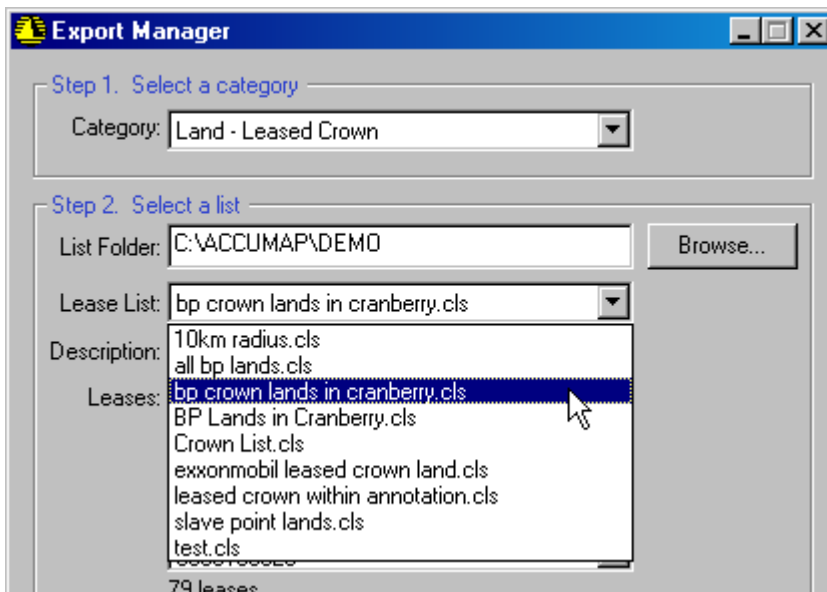


## AccuMap® Land Export

To export the leased Crown land list that was just saved, in Step 1, select **Land – Leased Crown**:



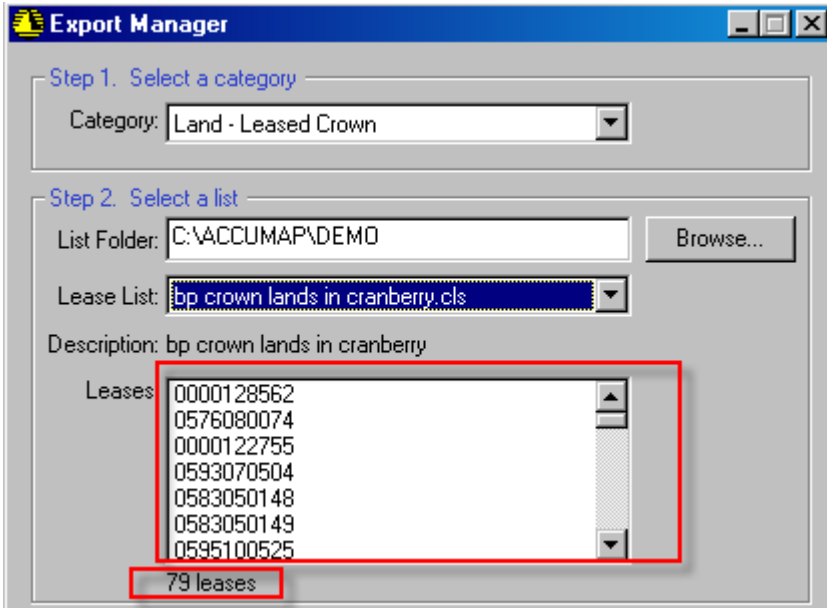
In Step 2, select **bp crown lands in cranberry.wls** from the dropdown:



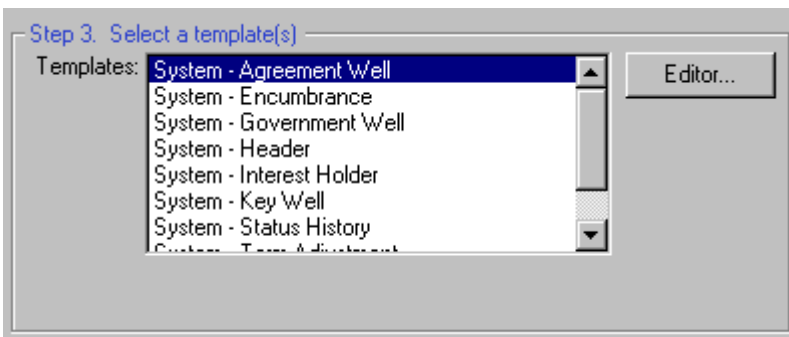
Once that list is selected, note that it lists the leases in the window below as well as the total number of leases (in this example, 79).



## AccuMap® Land Export



In Step 3, this is where a user can select which template is to be used upon export; the template determines what data ends up in the Excel export. There are a variety of system templates, in this example, **System – Agreement Well** is selected. Note the **Editor** button – it can be used to create export templates from scratch or to customize existing templates.

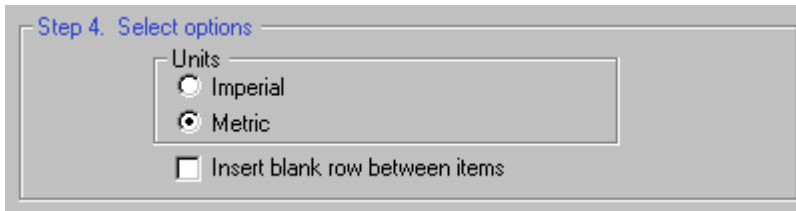




## AccuMap® Land Export

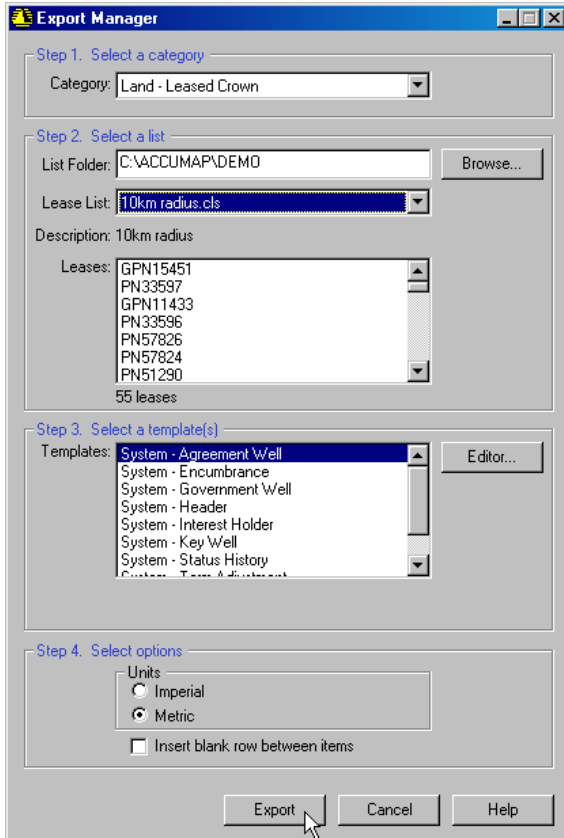
Next, choose which units (if applicable) the data being exported will use, either Imperial or Metric.

**Metric** is selected in this example.



Note that there is also an option to insert a blank row between items. This can be useful when viewing large blocks of data as a blank row will separate each unique item (or lease in this example) however this limits Excel's® ability to filter or sort results.

The Export Manager window will now look like this:

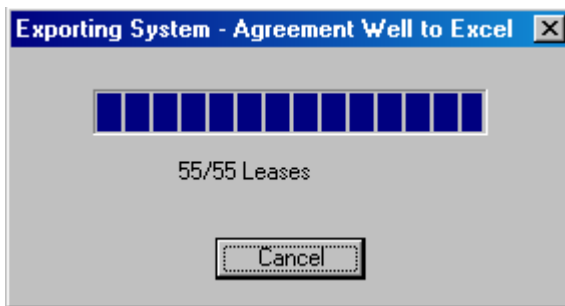




## AccuMap® Land Export

Lastly, click on the **Export** button to begin the export.

While the export is being conducted, a progress bar indicating current export progress will appear:



Here is a snippet of the export:

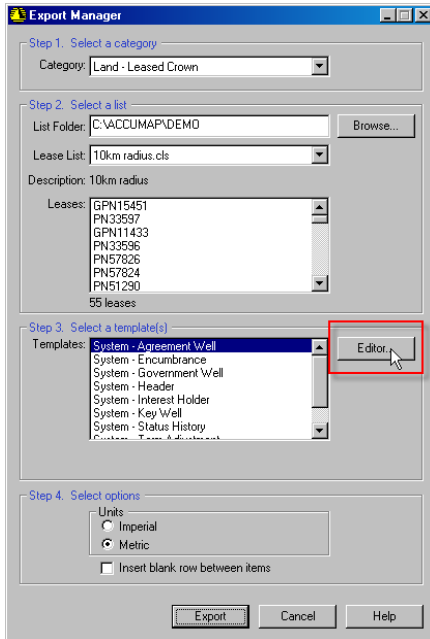
	A	B	C	D
1	<i>IHS</i>	<i>System - Agreement Well (Leased Crown)</i>	<i>Datum: NAD27 (ATS 2.6 Grid)</i>	
2	<i>Agreement Number</i>	<i>Current Expiry Date</i>	<i>Tract Number</i>	<i>Agreement UWI</i>
3	GPN15451	1983-03-31	1	41/16-16-063-25W3/0
4	PN33597	2000-03-31	1	31/11-24-062-24W3/0
5	GPN11433	See Cont.	1	21/13-18-063-23W3/0
6	PN33596	2000-03-31	1	31/06-13-062-24W3/0
7	PN33596	2000-03-31	1	31/07-14-062-24W3/0
8	PN33596	2000-03-31	1	31/07-14-062-24W3/2
9	PN57826	2012-03-31	1	41/05-35-062-24W3/0
10	PN57824	2012-03-31	1	31/07-26-062-24W3/0
11	PN51290	2008-03-31	1	41/14-23-062-24W3/0
12	PN51288	2008-03-31	1	11/14-11-062-24W3/0
13	GPN12914	See Cont.	1	01/06-24-063-24W3/0
14	GPN12914	See Cont.	1	01/14-24-063-24W3/0

At the top, it indicates both the template used (System – Agreement Well) as well as indicating the type of land list in parentheses, in this example, Leased Crown. This spreadsheet can now be saved, sorted, specific data filtered for, etc.

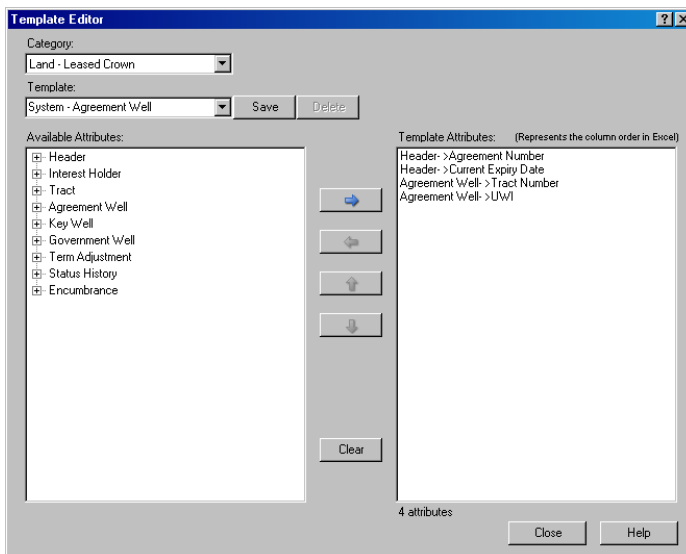


## AccuMap® Land Export

While there are a wide variety of system templates, there is also the ability to customize the content that is being exported from AccuMap using the **Editor** button that was previously mentioned in Step 3 of the Export Manager.



This example will cover *adding Interest Holder details to the Agreement Well template*. Clicking on the **Editor** button will open the Template Editor:

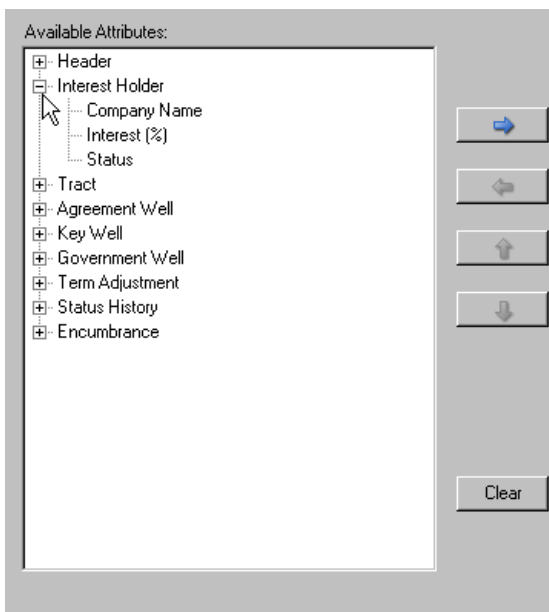





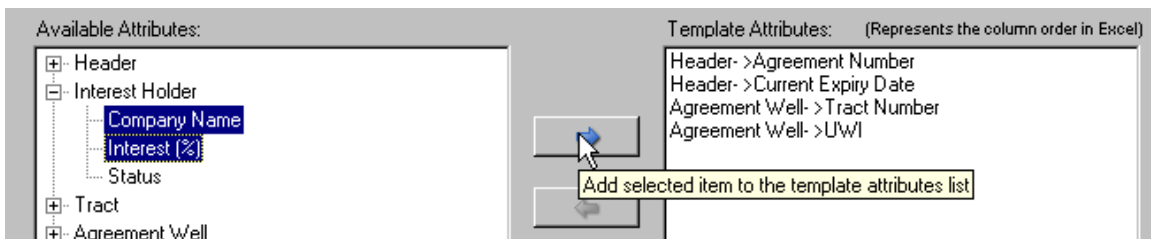
## AccuMap® Land Export

The Template Editor shows the available attributes for export on the left, and the currently selected attributes for export on the right. Any entry that shows a (+) beside it in the Available Attributes means it is a category that can either be selected as a whole or that can be expanded and individual attributes added.

Clicking on the (+) beside Interest Holder expands the group like this:

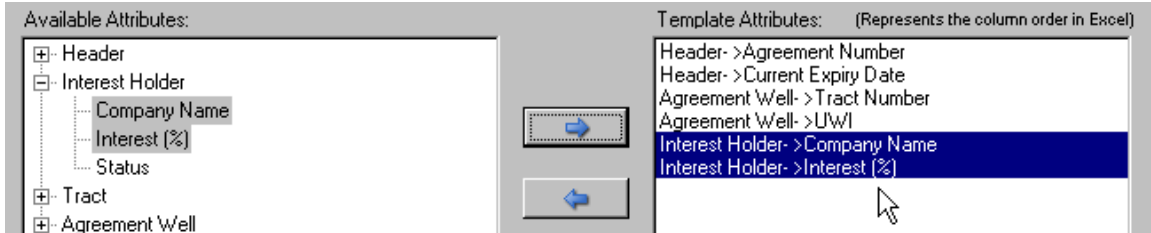


If Interest Holder is highlighted and the  is clicked, it will add all three of those attributes to the export template. Alternately, they can be added individually or in multiples by selecting them using the SHIFT or CONTROL key. In this example, **Company Name** and **Interest (%)** are being added:

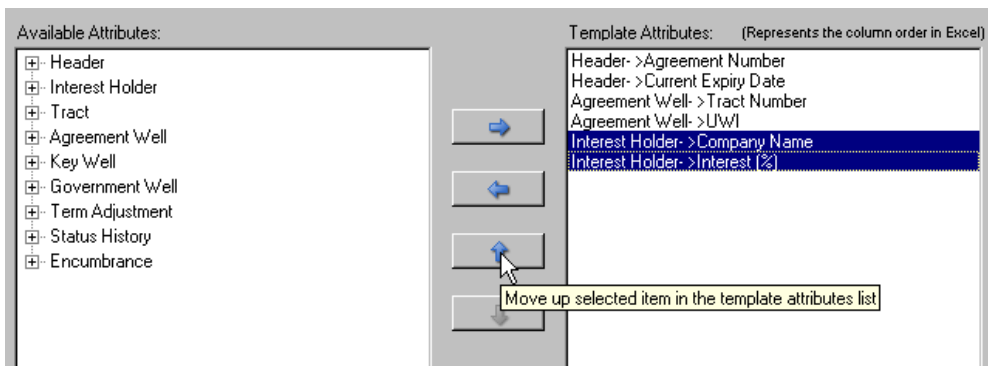




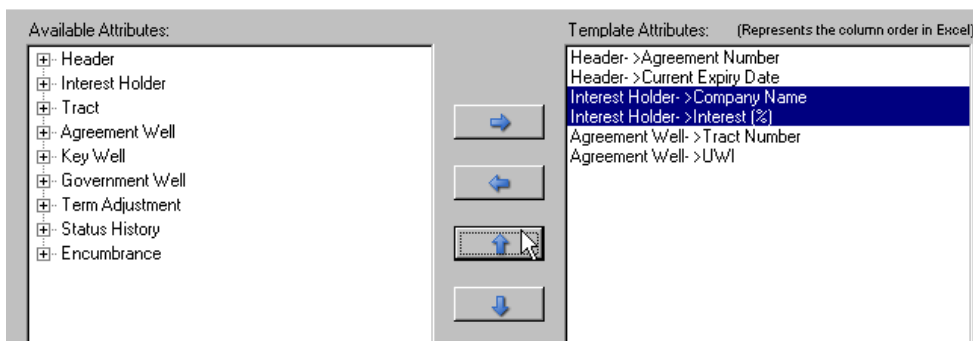
## AccuMap® Land Export




Using the Up/Down arrows, the order of the data columns can be changed:



In this example, the Up arrow is used twice in order to place the Interest Holder and Interest (%) in front of the Tract Number and UWI (the Down arrow can be used in identical fashion):



Note that there is also a  button that is used to remove items from the template. They can be individually selected or in multiples using the SHIFT or CONTROL key.



## AccuMap® Land Export

At the top of the Template Editor, a name for this customized template can be entered:

The screenshot shows the 'Template Editor' window. The 'Category' dropdown is set to 'Land - Leased Crown'. The 'Template' dropdown is set to 'System - Agreement Well' and is highlighted with a red box. To the right of the dropdown are 'Save' and 'Delete' buttons.

The screenshot shows the 'Template Editor' window. The 'Category' dropdown is set to 'Land - Leased Crown'. The 'Template' dropdown is set to 'Agreement Wells and Interest Holders' and is highlighted with a red box. To the right of the dropdown are 'Save' and 'Delete' buttons. Below the dropdown, the text 'Available Attributes:' is visible, followed by a partially visible 'Temp' label.

Click on **Save** to save this customized template:

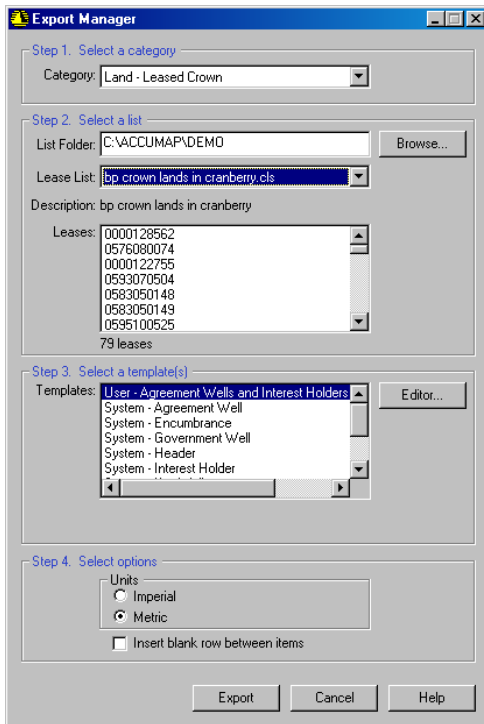
The screenshot shows the 'Template Editor' window. The 'Category' dropdown is set to 'Land - Leased Crown'. The 'Template' dropdown is set to 'User - Agreement Wells and Interest' and is highlighted with a red box. The 'Save' button is highlighted with a dashed border, and a mouse cursor is pointing at it. To the right of the dropdown are 'Save' and 'Delete' buttons. Below the dropdown, the text 'Available Attributes:' is visible, followed by a partially visible 'Header' label.

Note that once Save is clicked, **User** is appended to the template name, allowing it to be differentiated from the System templates. Click on **Close** to exit the Template Editor.



## AccuMap® Land Export

The User – Agreement Wells and Interest holders now appears in Step 3’s list of templates to choose from.



Click on **Export** to see the results when using the new User template:

	A	B	C	D	E	F	G
1	IHS	Agreement Wells and Interest Holders (Leased Crown)	Datum: NAD27 (ATS 2.6 Grid)				
2	Agreement Number	Current Expiry Date	Company	Interest (%)	Tract Number	Agreement UWI	
3	0000128562	See Cont.	BP CANADA ENERGY COMPANY	58.33	1 00/11-18-096-05W6/0		
4	0000128562	See Cont.	BP CANADA ENERGY RESOURCES COMPANY	41.67	1 00/09-19-096-05W6/0		
5	0576080074	See Cont.	BP CANADA ENERGY RESOURCES COMPANY	71.88	1 00/11-21-095-02W6/0		
6	0576080074	See Cont.	BONAVISTA PETROLEUM LTD.	22.12			
7	0576080074	See Cont.	BP CANADA ENERGY COMPANY	6.00			
8	0000122755	See Cont.	BP CANADA ENERGY RESOURCES COMPANY	50.00	1 00/10-09-095-02W6/0		
9	0000122755	See Cont.	ENERMARK INC.	50.00	1 00/10-16-095-02W6/0		
10	0000122755	See Cont.			1 00/15-17-095-02W6/0		
11	0000122755	See Cont.			1 00/06-22-095-02W6/0		
12	0593070504	See Cont.	BP CANADA ENERGY COMPANY	100.00	1 00/04-12-095-04W6/0		
13	0583050148	See Cont.	BP CANADA ENERGY COMPANY	100.00	1 00/06-15-095-04W6/0		
14	0576080074	See Cont.	BP CANADA ENERGY COMPANY	100.00	1 00/11-21-095-02W6/0		

Notice the order of the data columns and that the Company and Interest (%) now appear in the export, placed before the Tract Number and Agreement UWI as specified in the template.

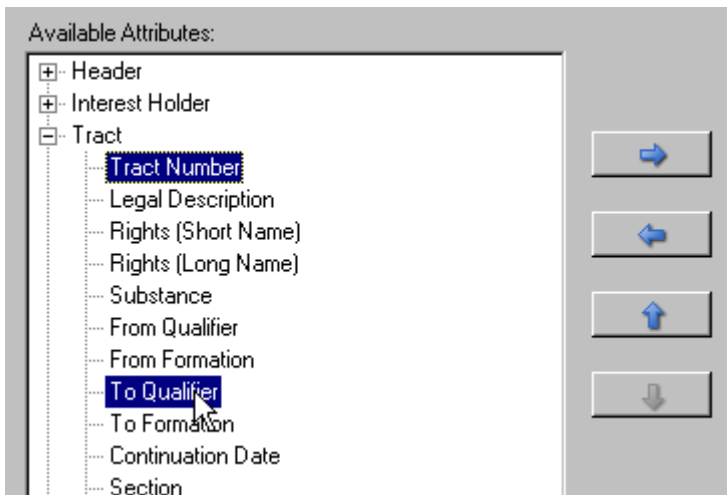


## AccuMap® Land Export

There is one final thing to note about using custom User templates in the land export – if an attribute that depends on another is added to a template, both are automatically added to ensure that the export results make sense.

For example:

Under Tract, if any of the attributes are selected, Tract Number is also selected:



Or, under Agreement Well, if UWI is selected, Tract Number is automatically selected:



This ensures that the exported data is not only customized to what a user needs but also remains relevant and concise.

**For more information on tying well data to land data, read the [Land Export – Tying Wells to Land](#) document which will expand on the examples discussed above.**