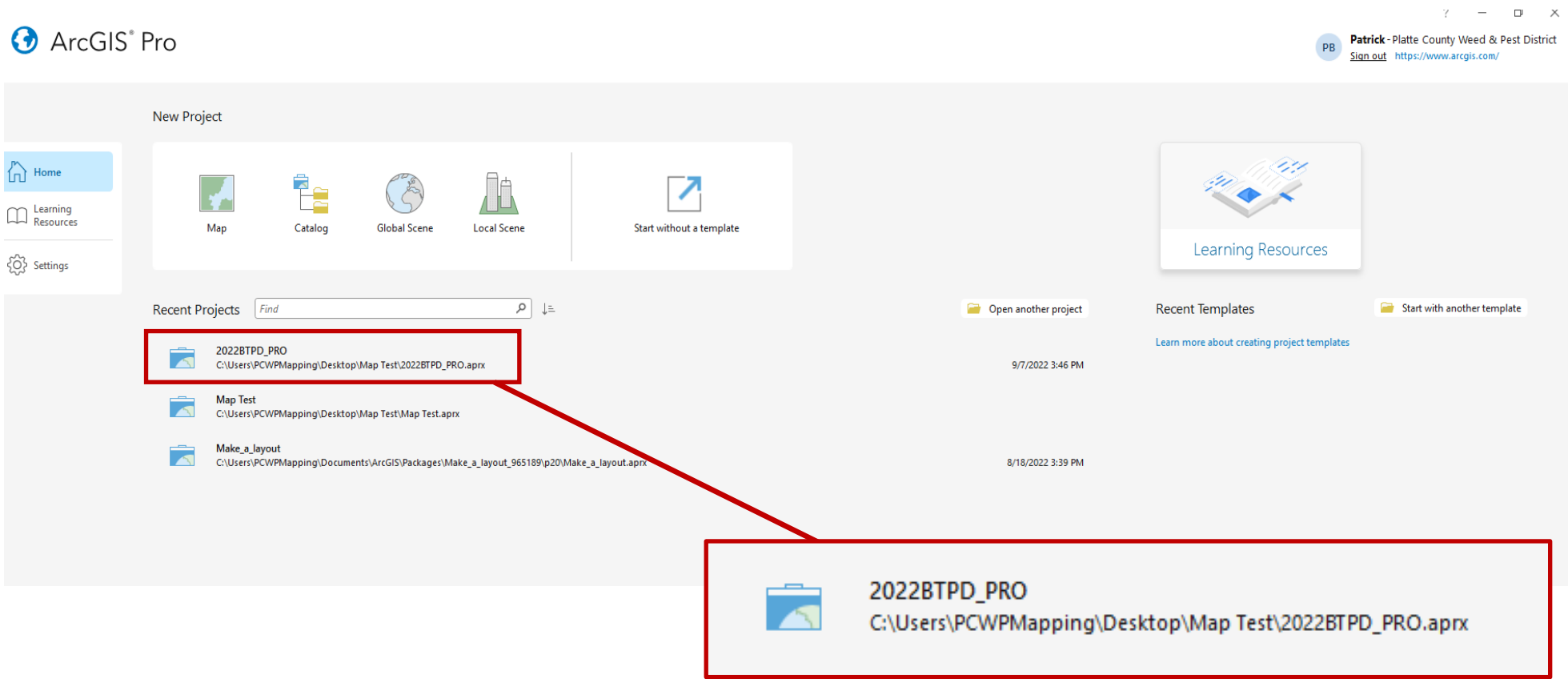
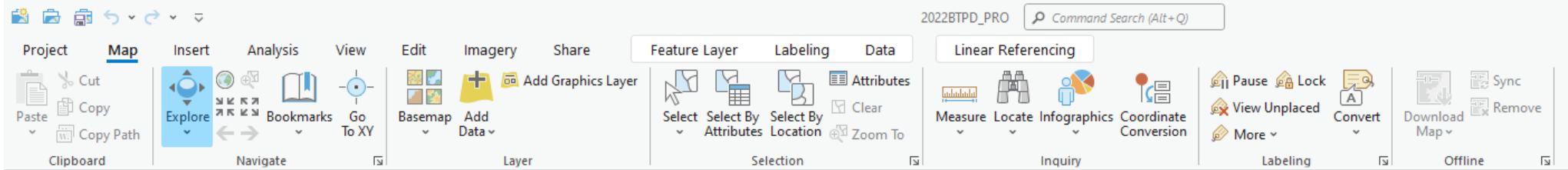


- Open the program and select the project from the “Recent Projects” list.

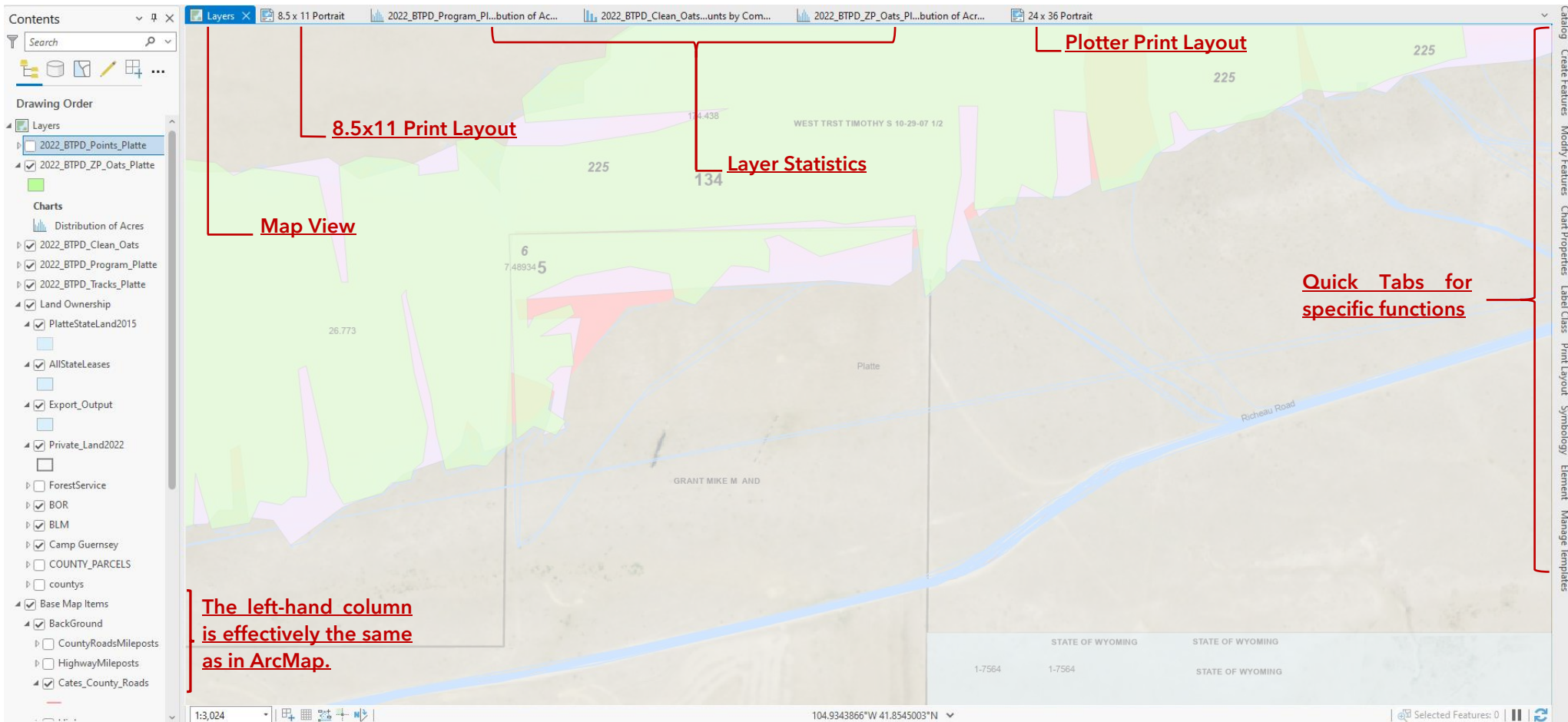


2022BTPD_PRO is the map I've been working out of this season. Most functions are intuitive if you know what you're trying to accomplish based on ArcMap. Otherwise, I should have most items already pre-set and ready to go. [This is explained as later.]

ARCGIS PRO CHEAT SHEETS



- The ribbon at the top of the screen seems kind of intimidating at first, but once you get used to it, it's quite helpful. You will mainly use the “Map” tab; specifically, the sections labeled “Navigate” and “Selection”.



There are certain functions from ArcMap that I still hope to be able to find/wish to use but can't seem to find them in ArcGIS Pro. i.e., the plus/minus magnifier. That's not to say those things don't exist, I just haven't found them yet.

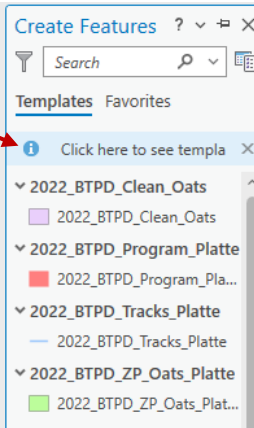
Drawing a Polygon:

1. In the right-hand column, I have set up several tabs to help with several different tasks. Like in ArcMap, first you will choose "Create Features".

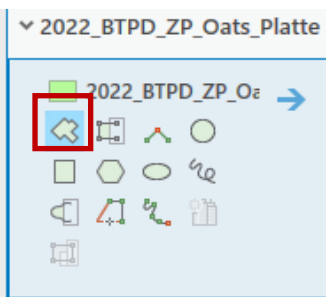
Create Features

Disregard this prompt.

2. Choose the shape file that you wish to work out of. For this example, we will use "2022_BTPD_ZP_Oats_Platte"



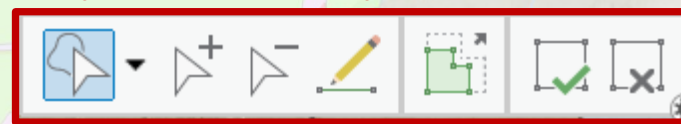
3. Select the first option from the drop-down menu and draw your polygon like you would in ArcMap.



There seems to be no directional scrolling bars at the bottom or the right side. I just scroll in and out with my mouse to move around while building the polygon.

This is a very handy tab for any editing you may need to do after you've created your polygon.

I really like the ease of use if you need to Edit Vertices:



Cancel

Finish

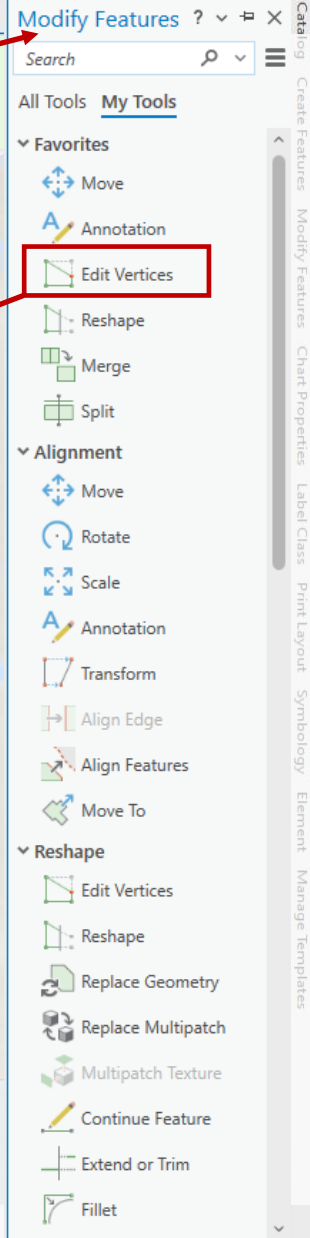
Stretch Proportionally

Continue Feature

Remove Point

Add Point

Lasso Shape



If you need to edit a point *while drawing* the polygon, Ctrl+Z will delete the last action, just like in MSWord. *Caution*, if you already complete the polygon, Ctrl+Z will delete the entire shape.

2022BTPD_PRO - ArcGIS Pro

2022_BTPD_Tracks_Platte 2022_BTPD_ZP_Oats_Platte X

Field: Add Calculate Selection: Select By Attributes Zoom To Switch Clear Delete

	FID	Shape *	Id	Date	Examiner	Landowner	Acres	Comment
1	0	Polygon	0	9/6/2022	Adam	AM Cattle	14	
2	1	Polygon	0	9/6/2022	Adam	AM Cattle	56	
3	2	Polygon	0	9/6/2022	Adam	Killion Buffy	1	
4	3	Polygon	0	9/6/2022	Adam	Wardell Joannette	2	
5	4	Polygon	0	9/6/2022	Adam	Wardell Joannette	6	
6	5	Polygon	0	<Null>			0	

Attribute Tables:

1.

To edit information within the attribute table, you can just click within the cell you want to edit and freely type.

Disregard this prompt, or any others that might show.

3.

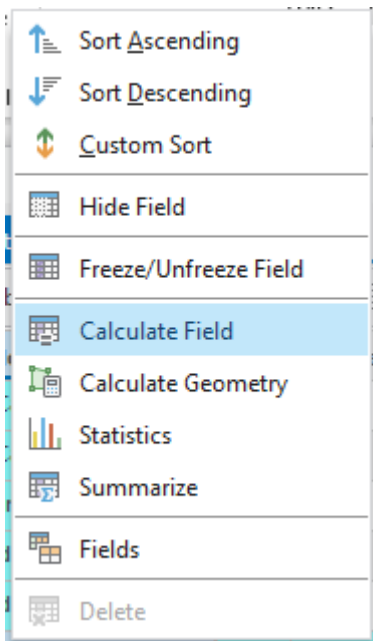
Your screen will look like this. It is like ArcMap, but a little bit easier.

a.) Here is where you select the field you wish to edit.

b.) Here is where you enter your information. Everything, including *Date* is entered using quotations. If it is in red, the equation is good.

2.

If you have a large amount to edit at once, you can right click and select "Calculate Field", the same as in ArcMap.



Instead of closing the Calculate Field toolbox each time, you can click "Apply", and then change the "Field Name" using the drop-down, just like in section a.). Repeat this as many times as needed.

Once all your fields are edited, click "OK" to finalize, and close!

Calculate Field

This tool modifies the Input Table

Input Table: 2022_BTPD_ZP_Oats_Platte

Field Name (Existing or New): Landowner

Expression Type: Python 3

Expression:

Fields: FID, Shape, Id, Date, Examiner, Landowner, Acres

Helpers: .as_integer_ratio(), .capitalize(), .center(), .conjugate(), .count(), .decode(), .denominator()

Insert Values: *

Landowner = "West Tim"

Code Block:

Enable Undo ☐

Apply OK

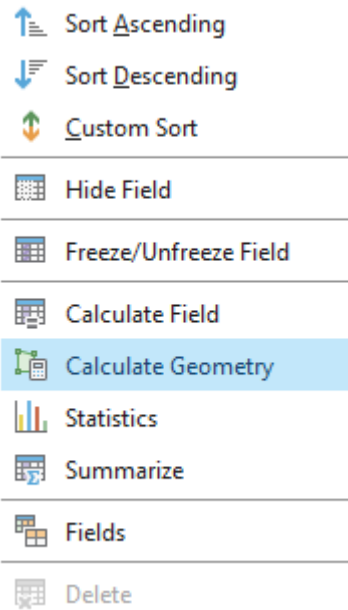


There is no "Editor" function. Everything is already in an open edit state.

Calculating Geometry in Attribute Tables:

1.

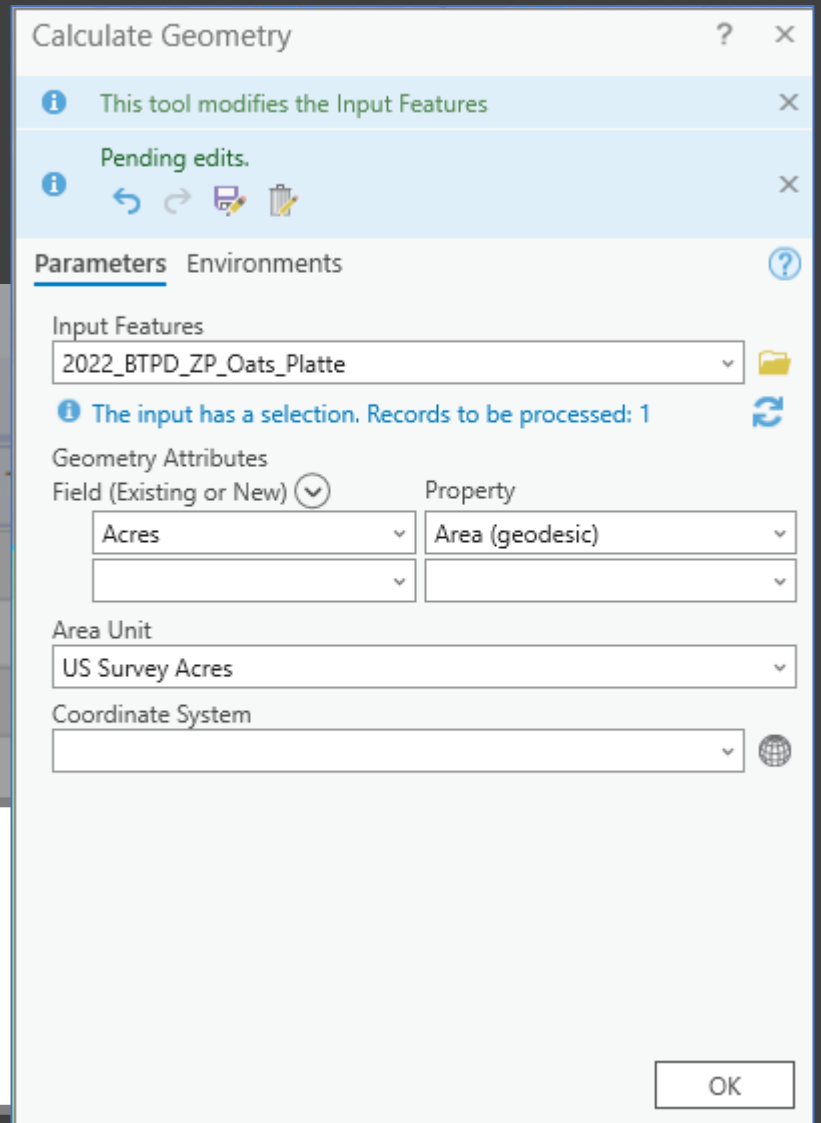
Right Click
and select
"Calculate
Geometry".



2.

Click "OK".

All the other information is
preset for you. It will
always calculate the same
unless you manually
change something.



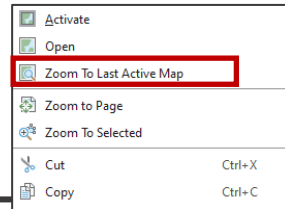
This step is very simple and works much like in ArcMap.

Printing a Map:

1. Select the "8.5 x 11 Portrait" tab from the top row.

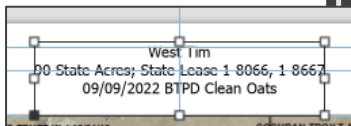


2. Right click within the map and select "Zoom To Last Active Map"

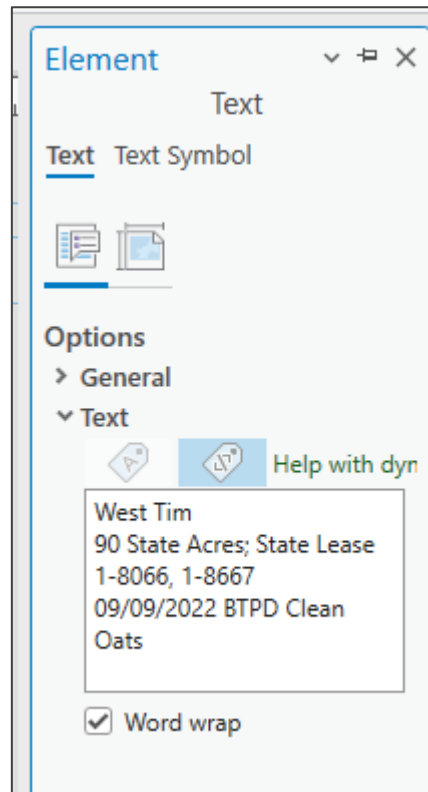


3. This is where things tend to get a bit tricky. Because I haven't found how to use the magnifier zoom selection tool, I have to toggle back and forth between "layout" and "8.5 x 11 Portrait". You will find that if you center the view within "layout" and zoom in just a little closer than you think you need to, then repeat step 2, you will get the best possible print range.

4. To edit the header information, you will select the header at the top of the page and then select the "element" tab in the left-hand column.

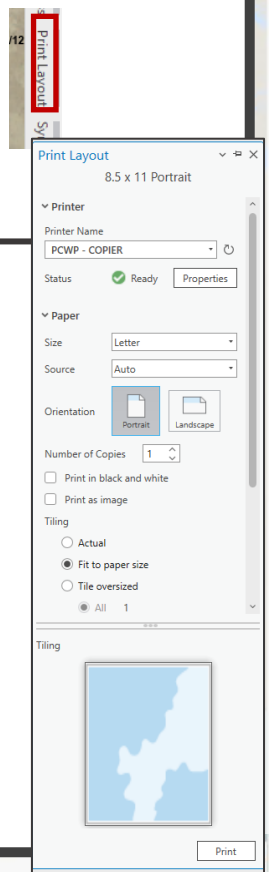



5. Here you can change any information you'd like, then just click away, or click the pushpin twice. After that I take a moment to center the information using the blue guides, because I'm crazy.



6. Close the program and click yes to all prompts. If you don't, you will waste paper, because the polygon won't print. If you think you're fast enough to get ahead of it, you're not. HA HA

7. Open the program up again and click the "Print" or "Print Layout" tab on the left-hand side. (Sometimes the name changes...)



8. All you should have to do here is click "print" unless you want more copies or something like that. It's fairly self-explanatory and I've preset everything.

Downloading GPS:

The actual download process using DNR is, of course, the same.

However, while doing so, you'll want to have the map closed.

In-between each GPS download, I open the map, name the new track, and then save and close again. This is slightly tedious, but I don't know how else to get the new data. Simply closing and re-opening the attribute table does not work.

I typically leave the Tracks attribute table sorted in reverse FID order so that the new track is at the top, and I don't break the attribute table out of the map. That's just to save a little time.

2022_BTDP_Tracks_Platte

Field: Calculate Selection: Select By Attributes Zoom In Switch Clear Delete Copy																	
	FID	type	tident	ident	Date	time	Examiner	Landowner	comment	Shape *	Latitude	Longitude	y_proj	x_proj	new_trk	new_seg	display
1	0	TRACK	Current Track: 17 AUG 2	T1	8/17/2022	2022/08/17 13:05:01	Adam	Bard Ranch Company	Mapping	Polyline ZM	41.982356	-104.891054	41.982356	-104.891054			
2	1	TRACK	Current Track: 17 AUG 2	T1	8/17/2022	2022/08/17 13:03:58	John	Bard Ranch Company	Mapping	Polyline ZM	41.982418	-104.891019	41.982418	-104.891019			
3	2	TRACK	Current Track: 18 AUG 2	T1	8/18/2022	2022/08/18 16:47:14	Adam	Bard Ranch Company	Mapping	Polyline ZM	41.982159	-104.891092	41.982159	-104.891092			
4	3	TRACK	Current Track: 18 AUG 2	T1	8/18/2022	2022/08/18 16:46:26	John	Bard Ranch Company	Mapping	Polyline ZM	41.982426	-104.890943	41.982426	-104.890943			
5	4	TRACK	Current Track: 18 AUG 2	T1	8/18/2022	2022/08/18 15:54:22	Trisha	MR Angus, Graves Jos...	Mapping	Polyline ZM	41.954385	-104.974552	41.954385	-104.974552			
6	5	TRACK	Current Track: 18 AUG 2	T1	8/18/2022	2022/08/18 15:57:03	Ainsley	MR Angus, Graves Jos...	Mapping	Polyline ZM	41.954202	-104.975316	41.954202	-104.975316			
7	6	TRACK	Current Track: 19 AUG 2	T1	8/19/2022	2022/08/19 15:14:43	Trisha	Rietz Jamie	Mapping	Polyline ZM	42.029667	-105.204588	42.029667	-105.204588			
8	7	TRACK	Current Track: 19 AUG 2	T1	8/19/2022	2022/08/19 17:04:47	Trisha	Wyohoma, Johnson R...	Mapping	Polyline ZM	42.35305	-105.026758	42.35305	-105.026758			
9	8	TRACK	Current Track: 19 AUG 2	T1	8/19/2022	2022/08/19 15:11:03	Ainsley	Rietz Jamie	Mapping	Polyline ZM	42.029683	-105.204617	42.029683	-105.204617			

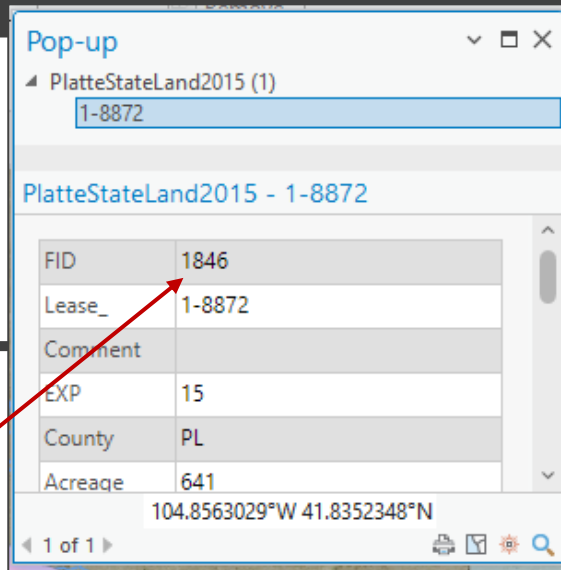
To break the table away from the map just grab the tab and move it where you want it!



If this becomes too overwhelming/complicated, you can always just work out of ArcMap!

Miscellaneous Tips:

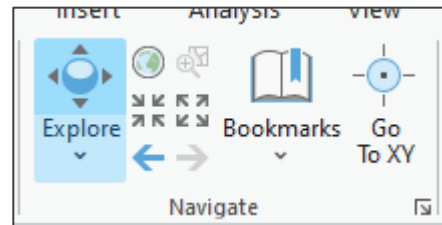
To get the info on any area, just click on it. The top-most layer will come up.



If you need to print a landowner map, I find it's a lot easier most of the time to query by the FID than the Landowner name!

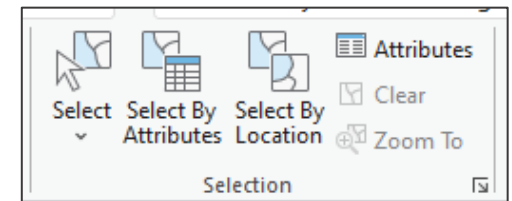
Private_Land2022					
	FID	Query	QueryA	name	Shape *
1	856				Polygon
2	1437				Polygon
3	2652				Polygon
4	3312				Polygon
5	3581				Polygon
6	3633				Polygon

Private_Land2022 has two Query columns, "Query" has a lot of landowners linked together if they have multiple areas. "Query2" is so that you can run a query however you need!

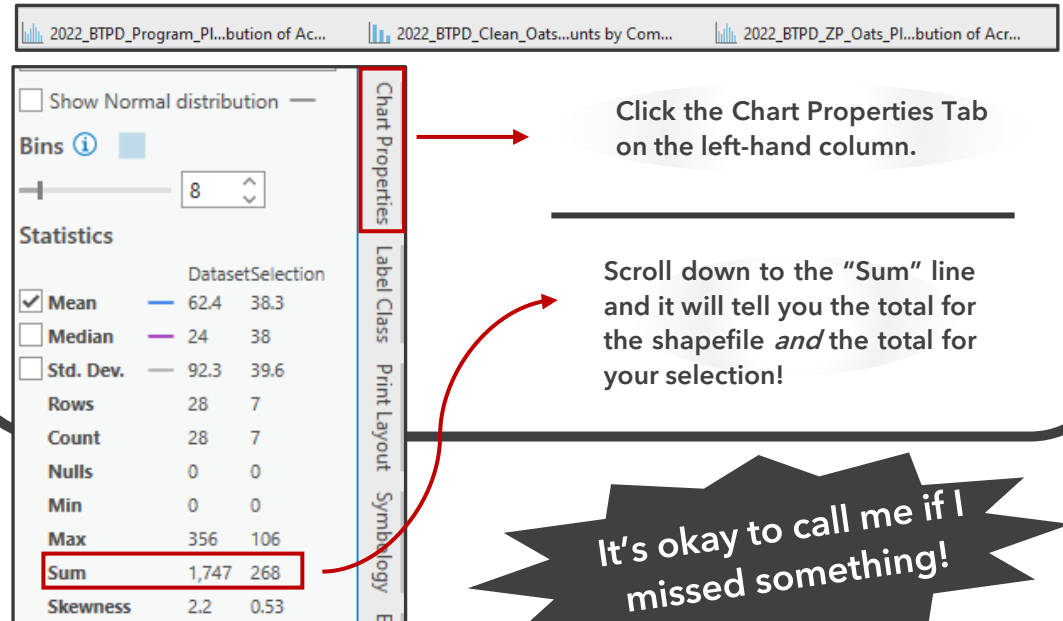


This is where you will get your little hand tool to move around the map with.

These work the same as in ArcMap!



Each polygon shape file has a statistics tab.



Click the Chart Properties Tab on the left-hand column.

Scroll down to the "Sum" line and it will tell you the total for the shapefile *and* the total for your selection!

It's okay to call me if I missed something!



You may figure out how to do things easier or find out how to do stuff that I haven't!