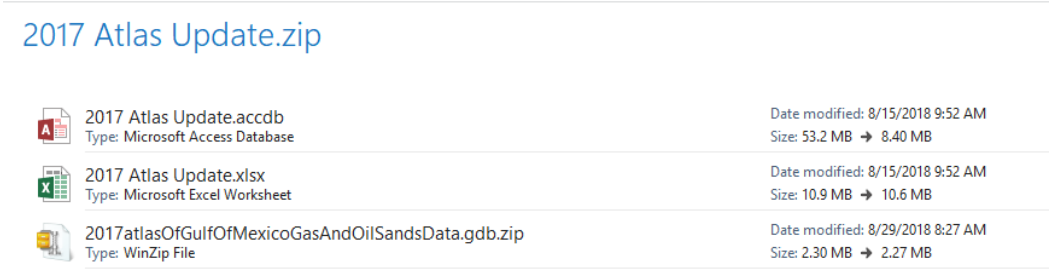
Accessing 2020atlasOfGulfOfMexicoGasAndOilSandsData.gdb

This document will guide the user through:

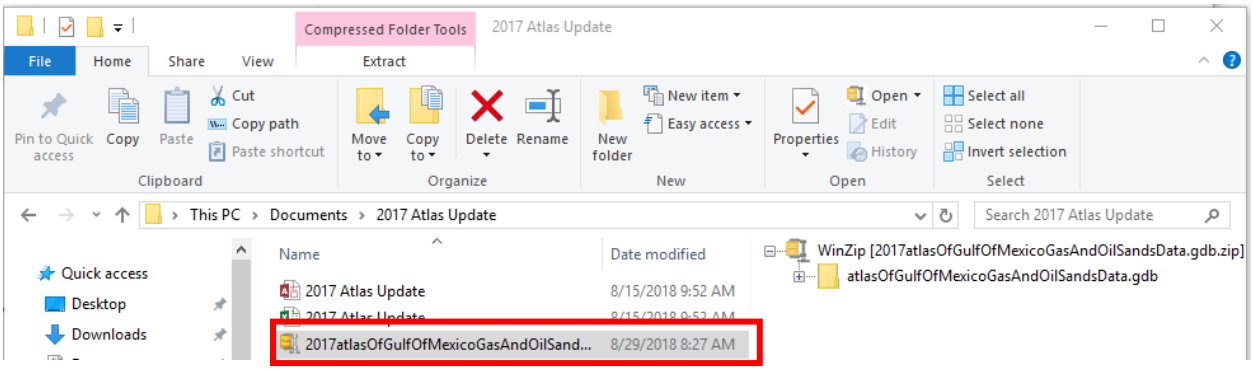
- Previewing the Sand Data Feature and viewing the associated metadata using ArcCatalog
- Importing the Sand Data Feature into ArcMap
- Downloading and adding shapefiles available from https://marinecadastre.gov/

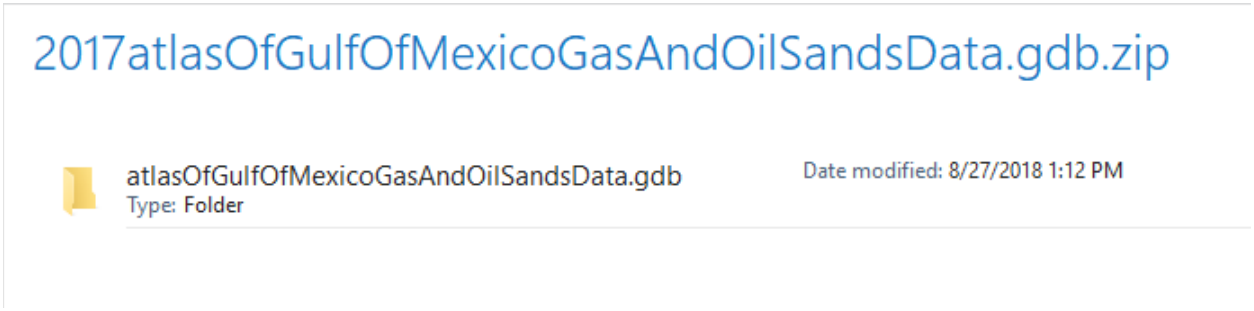
NOTE: The following instructions and examples use 2017 sand data files.

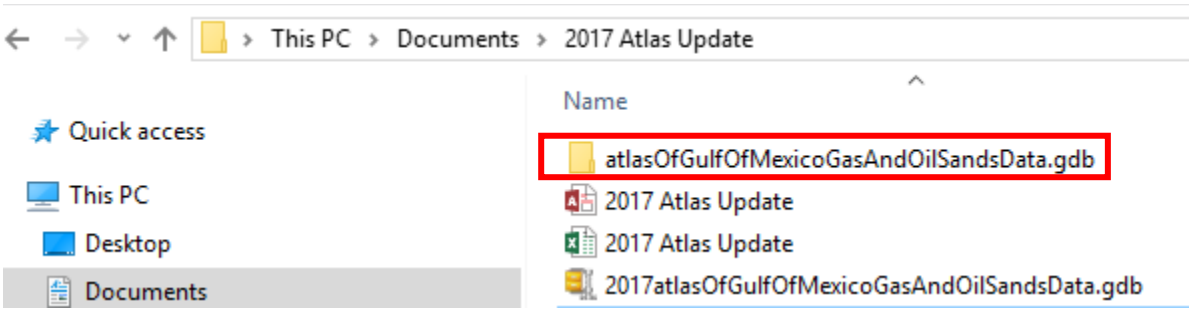
After downloading the 2017 Atlas Update, unzip the folder (by double-clicking on the file to open WinZip).



Next, unzip the geodatabase file 2017atlasOfGulfOfMexicoGasAndOilSandsData.gdb.zip.

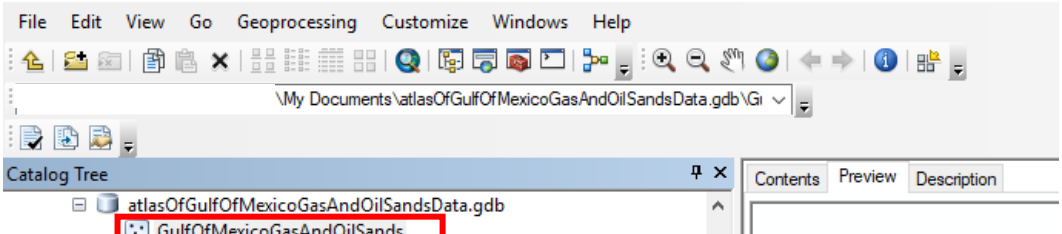


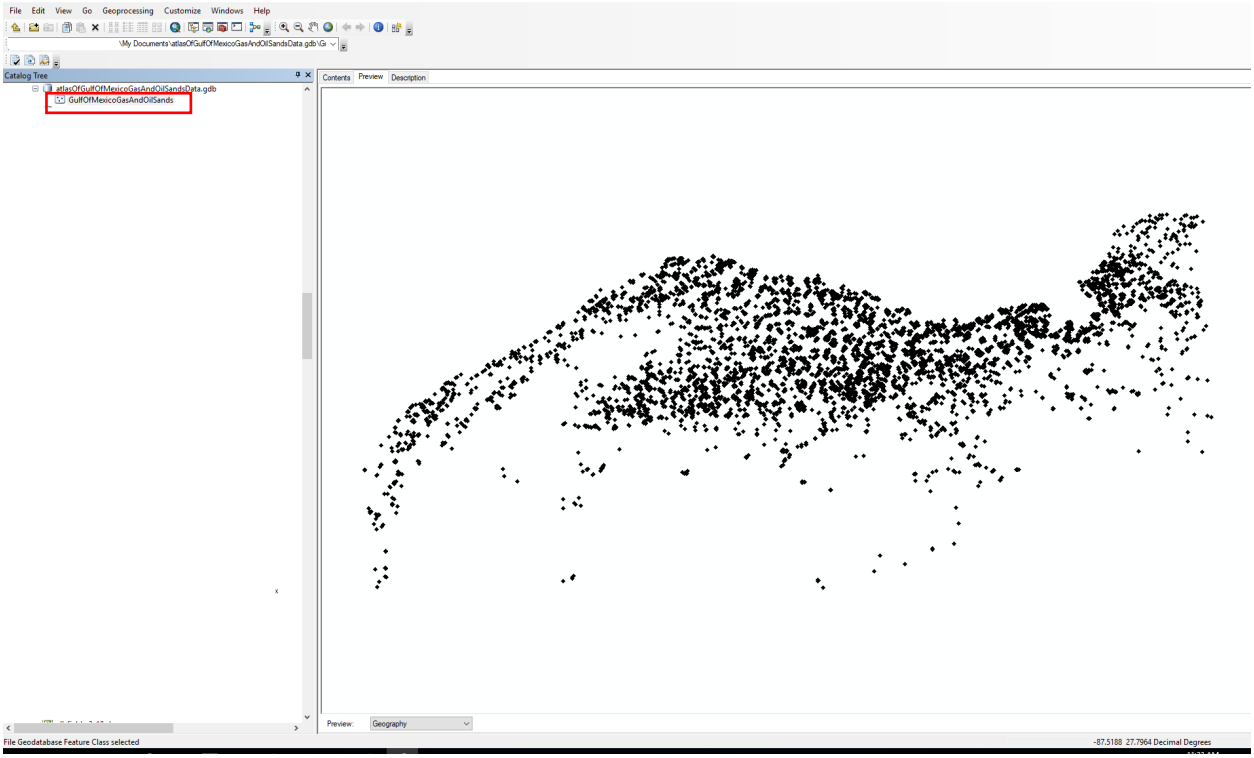




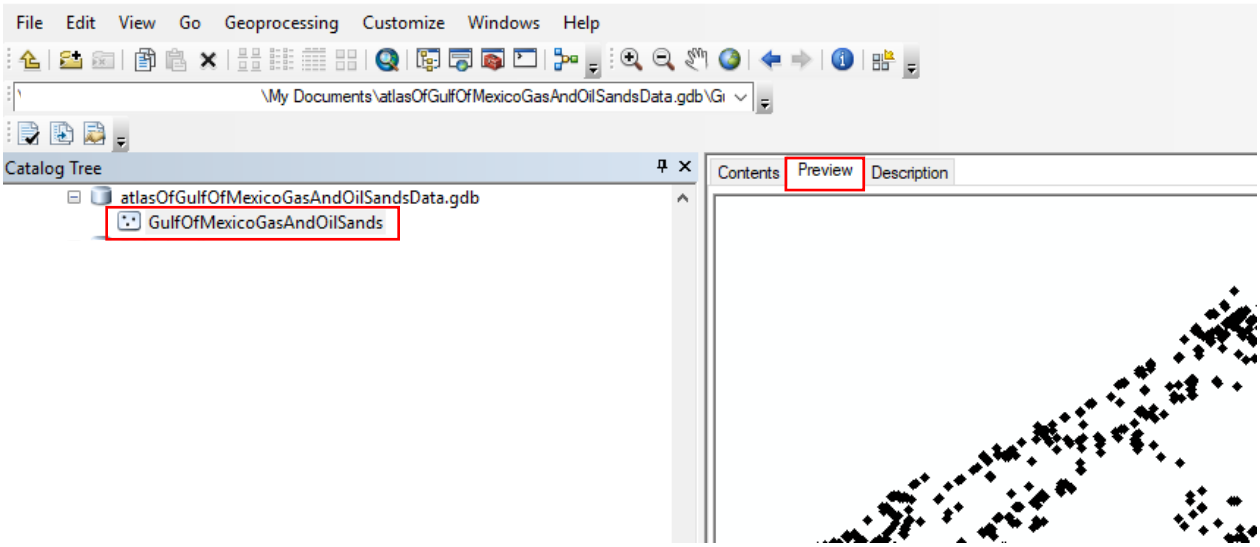
Previewing the Sand Data Feature and Viewing the Associated Metadata

To preview the file or to view associated metadata, launch ArcCatalog.

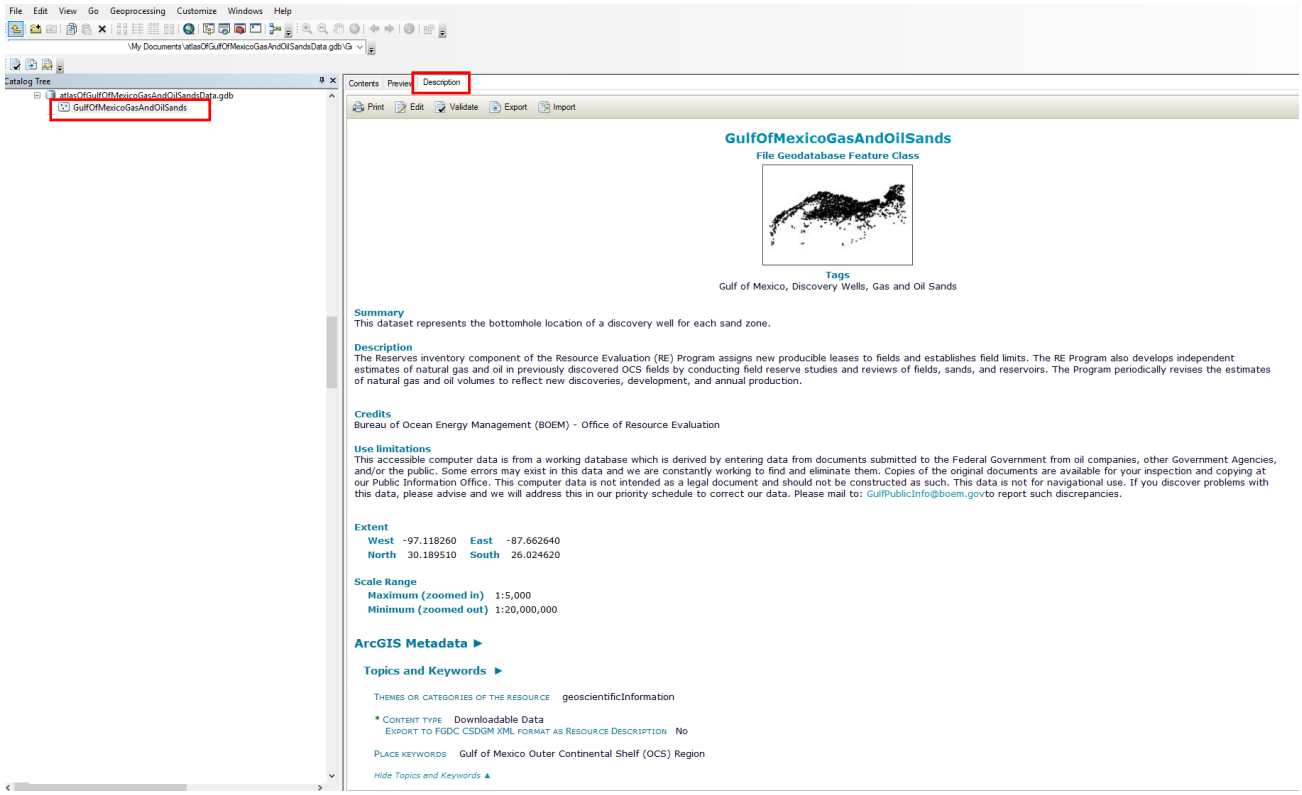




Select the Preview tab for a quick spatial view of the data.

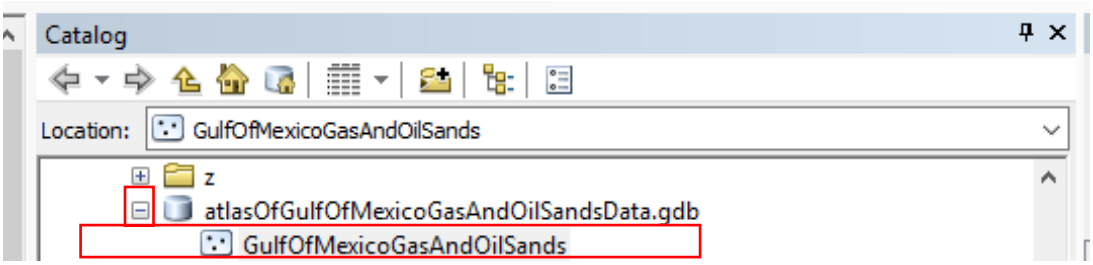


Select the Description tab to view metadata associated with the file.

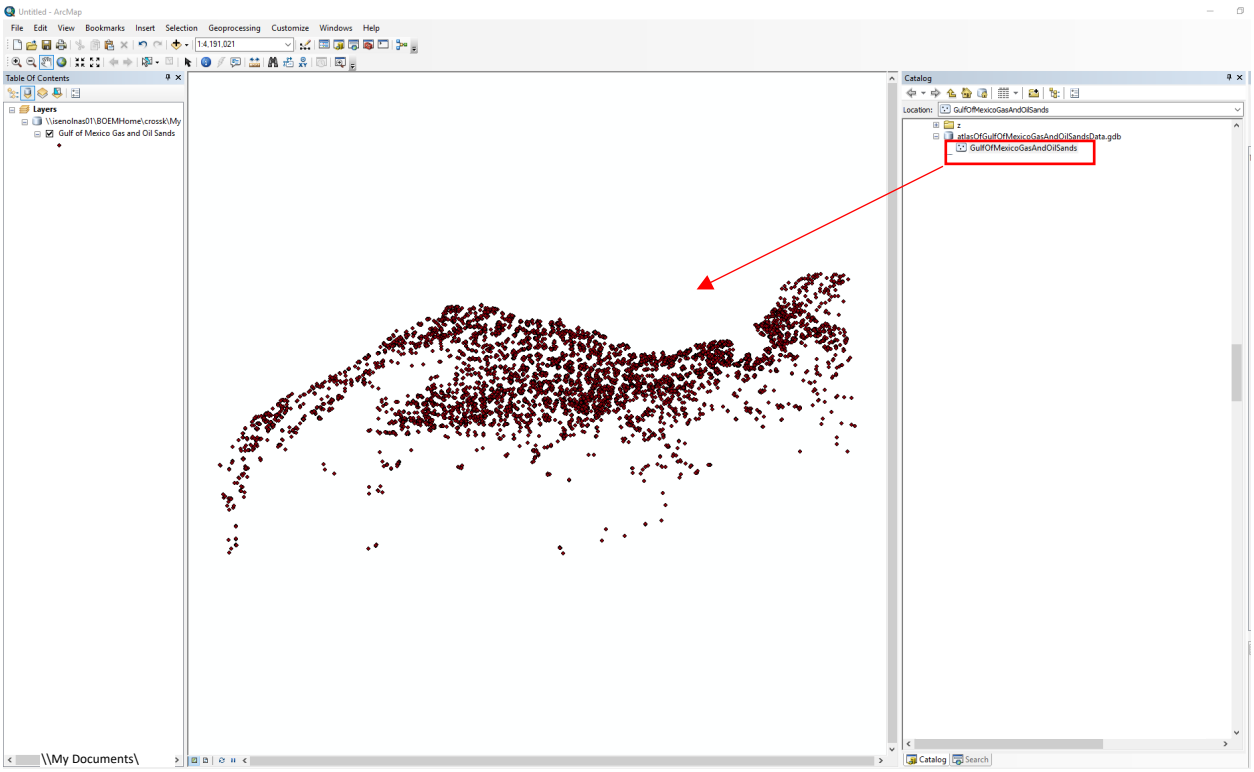


Importing the Sand Data Feature into ArcMap

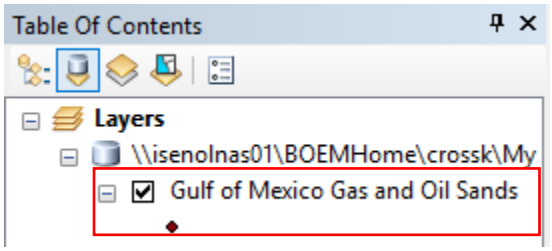
Next, Open ArcGIS ArcMap. Using ArcCatalog, navigate to the unzipped folder and expand the atlasOfGulfOfMexicoGasAndOilSandsData.gdb geodatabase.

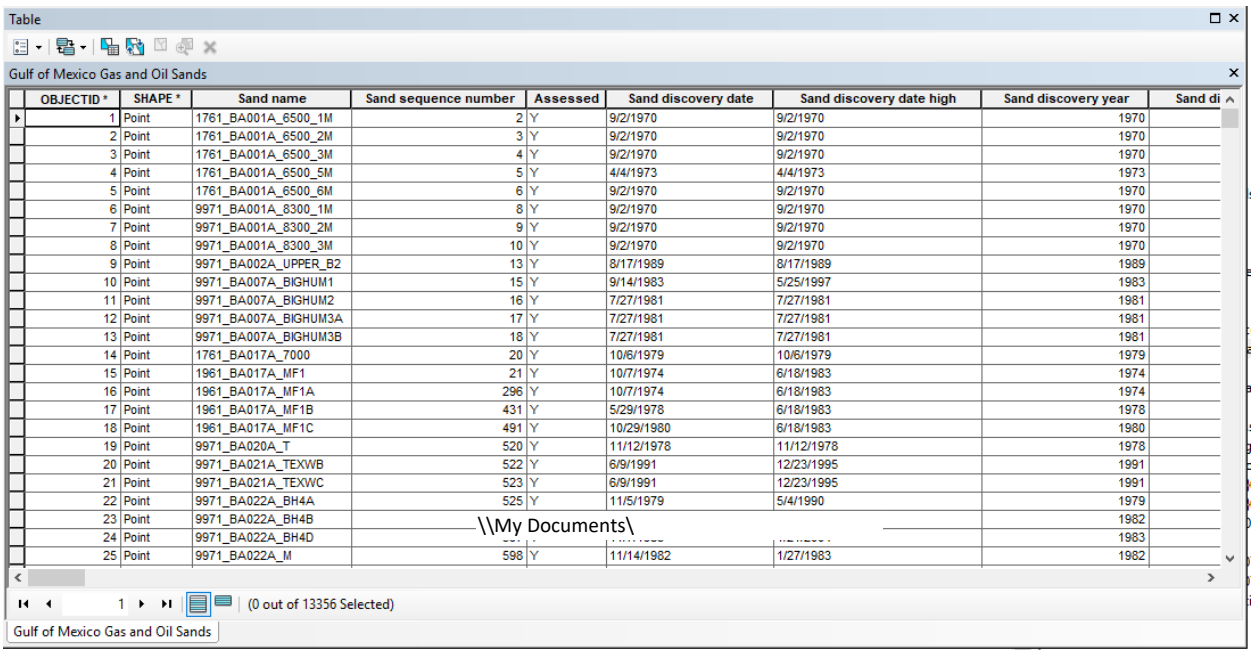


Drag and drop the GulfOfMexicoGasAndOilSands point feature into the map.

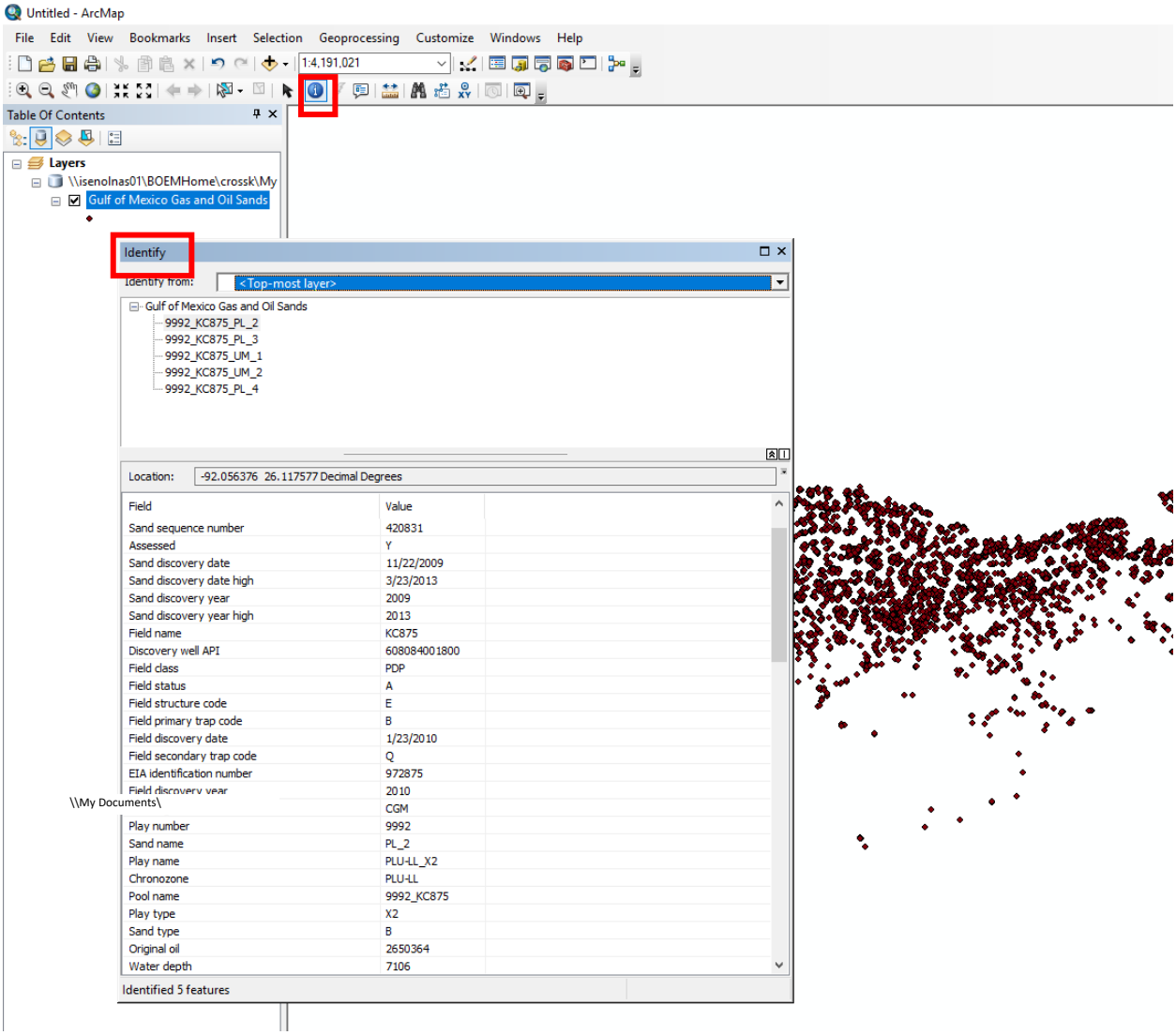


You can now right click on Gulf of Mexico Gas and Oil Sands in the table of contents and select “Open Attribute Table” to view sand data associated with the discovery wells for each sand.





The user can also use the Identify Tool to view the information in the attribute table for a particular well.

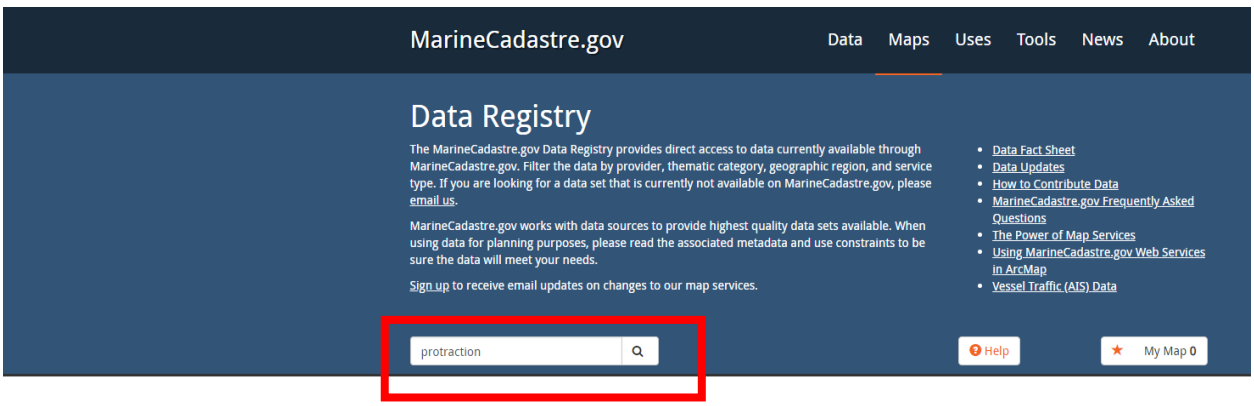


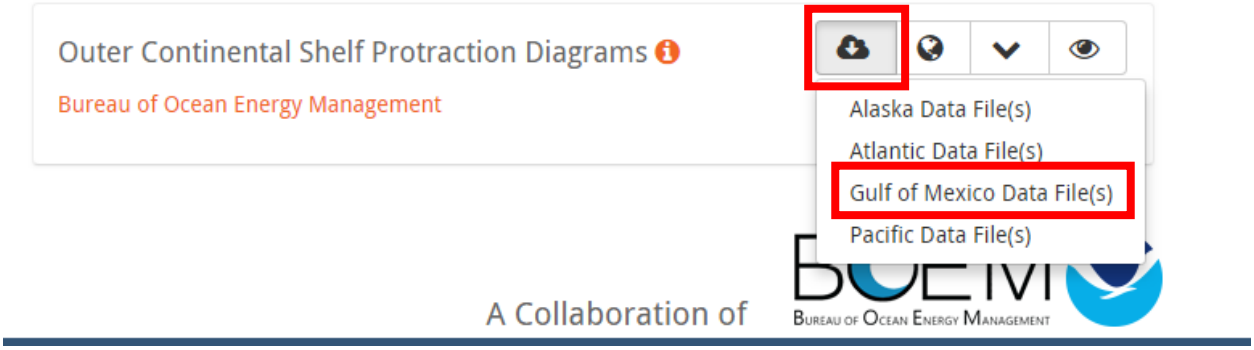
Downloading and Adding Other Available Features to ArcMap

Features such as Protractions and Blocks are available for download at:

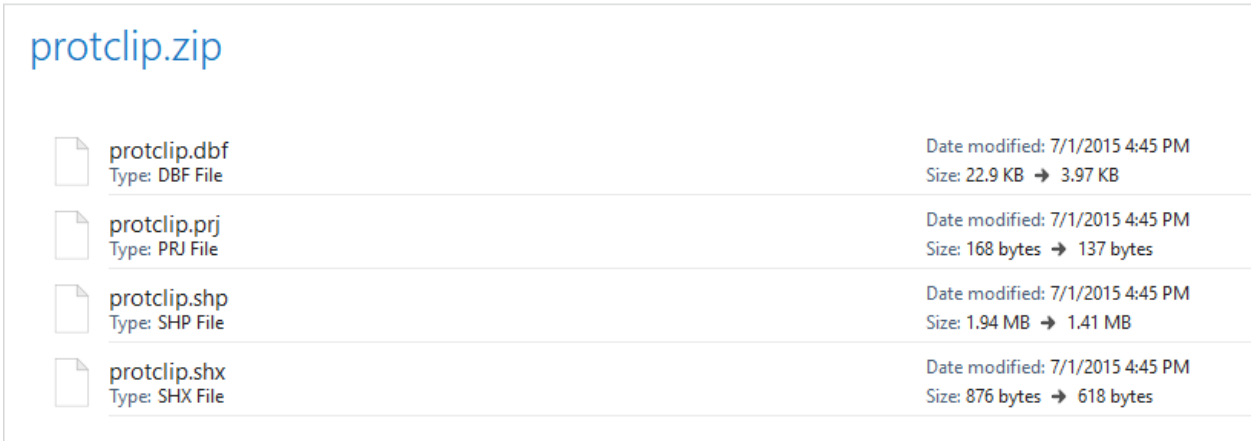
https://marinecadastre.gov/data/

A search on “protraction” will return results for both Protraction Areas and Blocks. (see below)

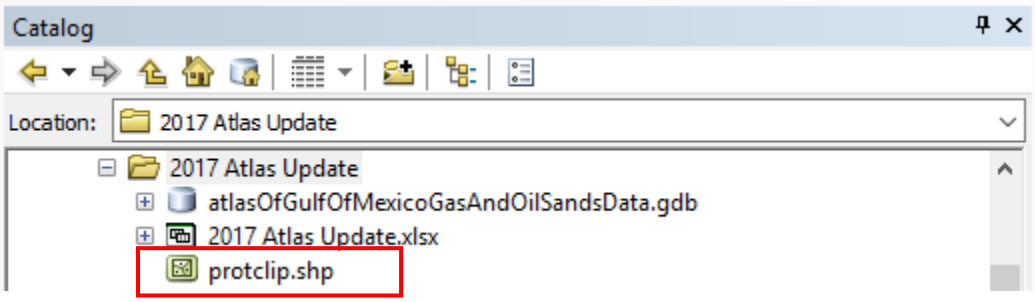


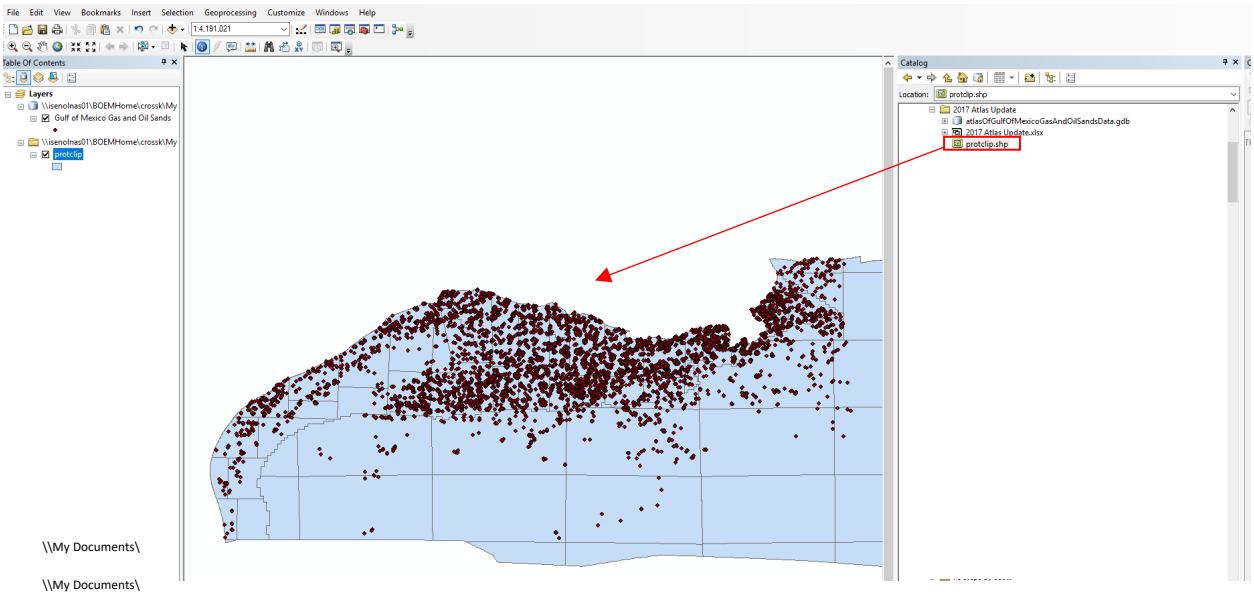


Save and unzip downloaded file.

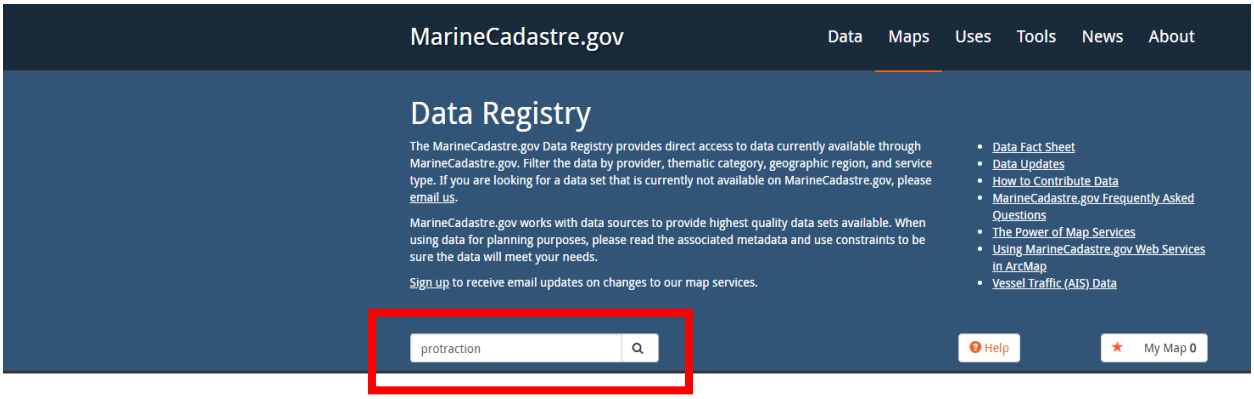


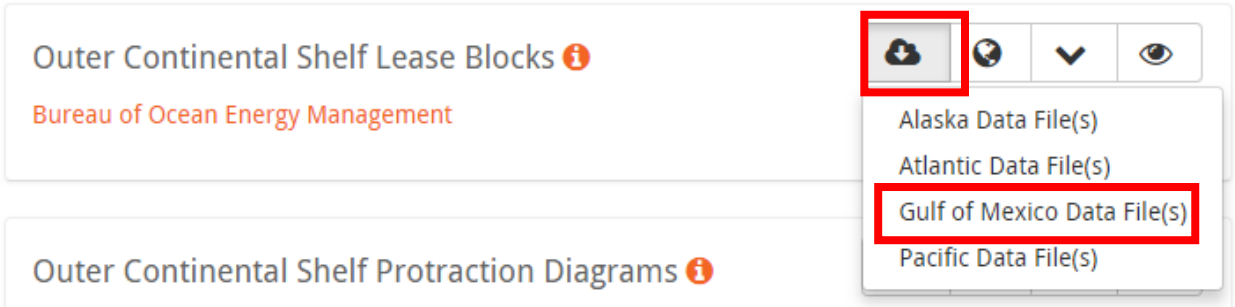
From ArcCatalog, drag and drop shapefile into ArcMap.





For a shapefile of OCS blocks, the search on “protraction” will return results for both Protraction Areas and Blocks. (see below)



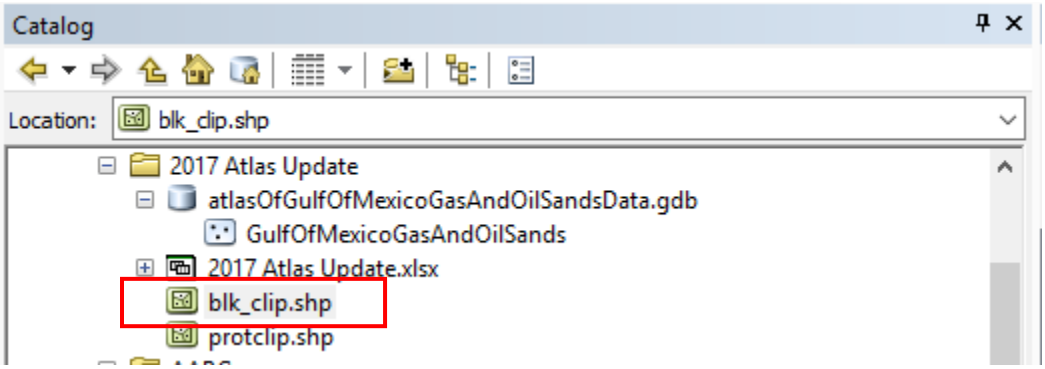


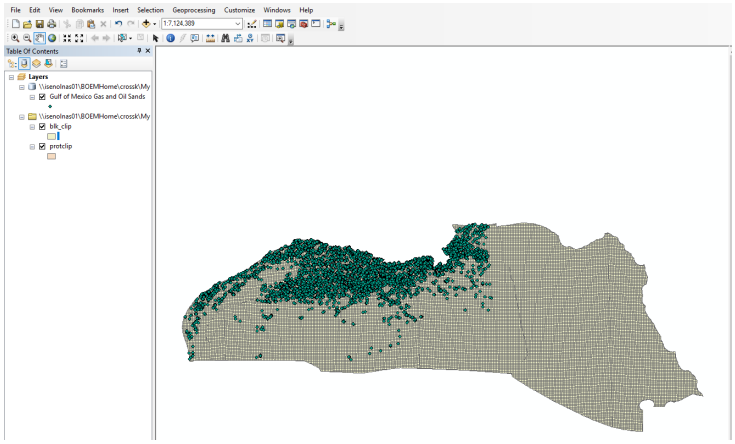
Save and unzip downloaded file.

blk_clip.zip

blk_clip.dbf Type: DBF File	Date modified: 7/1/2015 4:44 PM Size: 3.28 MB → 666 KB
blk_clip.prj Type: PRJ File	Date modified: 7/1/2015 4:44 PM Size: 168 bytes → 137 bytes
blk_clip.shp Type: SHP File	Date modified: 7/1/2015 4:44 PM Size: 5.67 MB → 2.53 MB
blk_clip.shx Type: SHX File	Date modified: 7/1/2015 4:44 PM Size: 228 KB → 60.0 KB

From ArcCatalog, drag and drop shapefile into ArcMap.

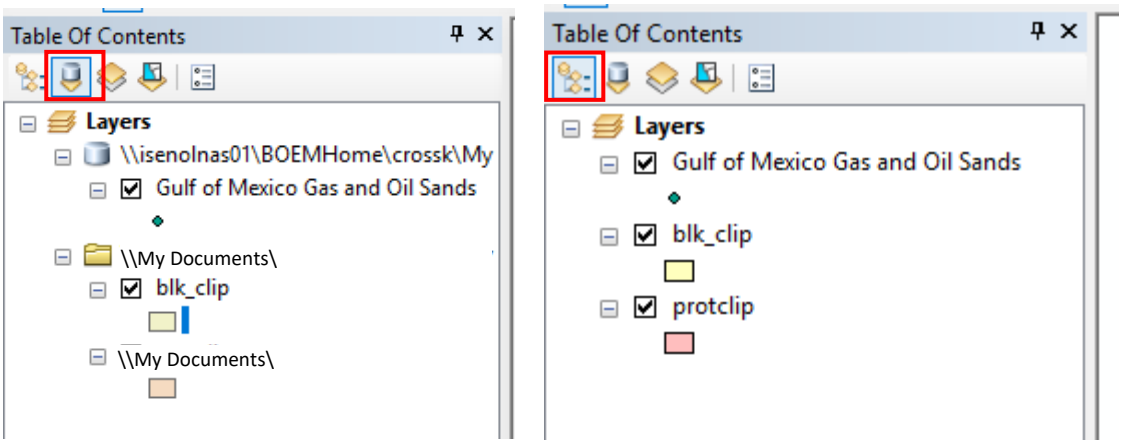




Change from “List by Source” to “List by Drawing Order” to be able to drag features and choose which one is overlain.

\\My Documents\

\\My Documents\



The user can change the appearance of the features by double-clicking on the legend in the Table of Contents.