

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/>

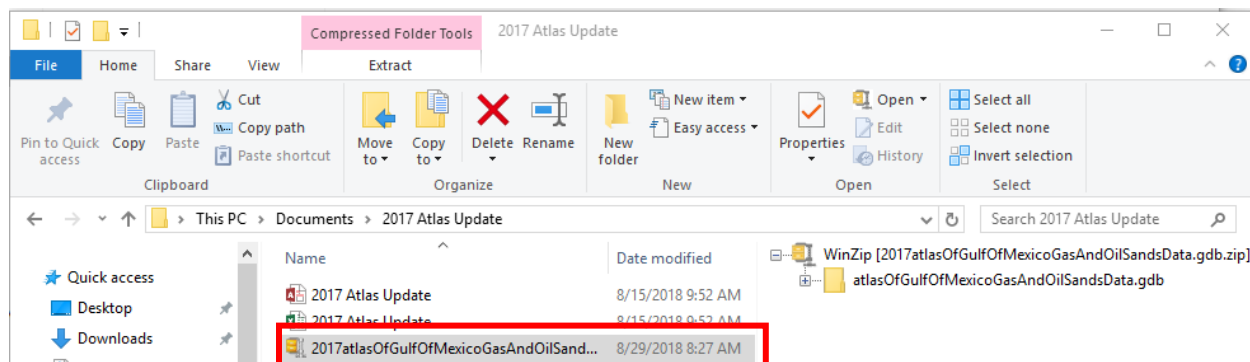
NOTE: The following instructions and examples use 2017 sand data files.

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


2017 Atlas Update.zip

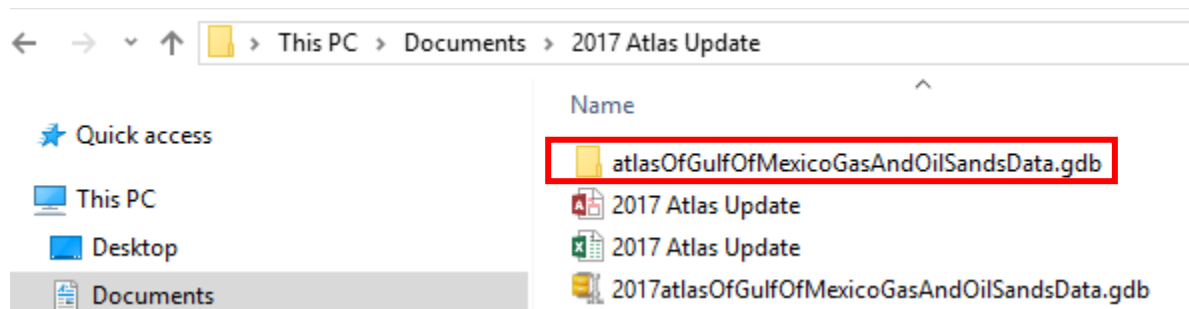
	2017 Atlas Update.accdb Type: Microsoft Access Database	Date modified: 8/15/2018 9:52 AM Size: 53.2 MB → 8.40 MB
	2017 Atlas Update.xlsx Type: Microsoft Excel Worksheet	Date modified: 8/15/2018 9:52 AM Size: 10.9 MB → 10.6 MB
	2017atlasOfGulfOfMexicoGasAndOilSandsData.gdb.zip Type: WinZip File	Date modified: 8/29/2018 8:27 AM Size: 2.30 MB → 2.27 MB

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



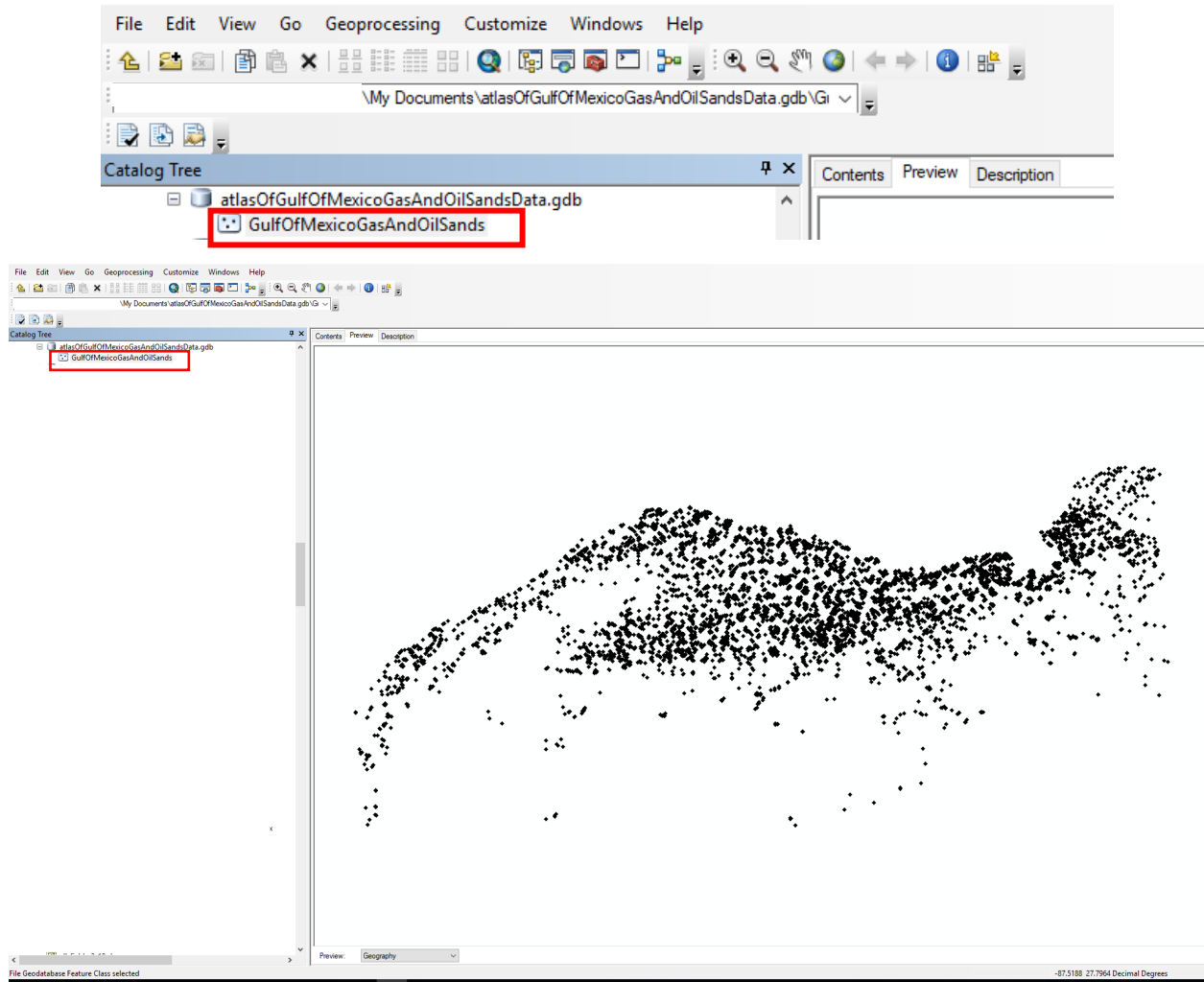
2017atlasOfGulfOfMexicoGasAndOilSandsData.gdb.zip

	atlasOfGulfOfMexicoGasAndOilSandsData.gdb Type: Folder	Date modified: 8/27/2018 1:12 PM
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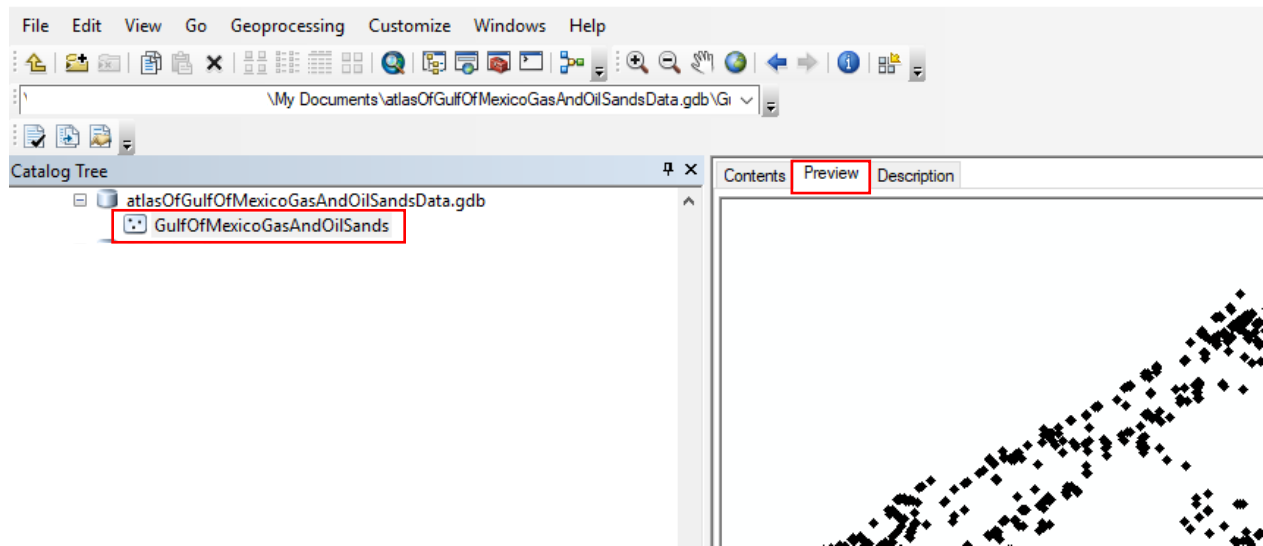


Previewing the Sand Data Feature and Viewing the Associated Metadata

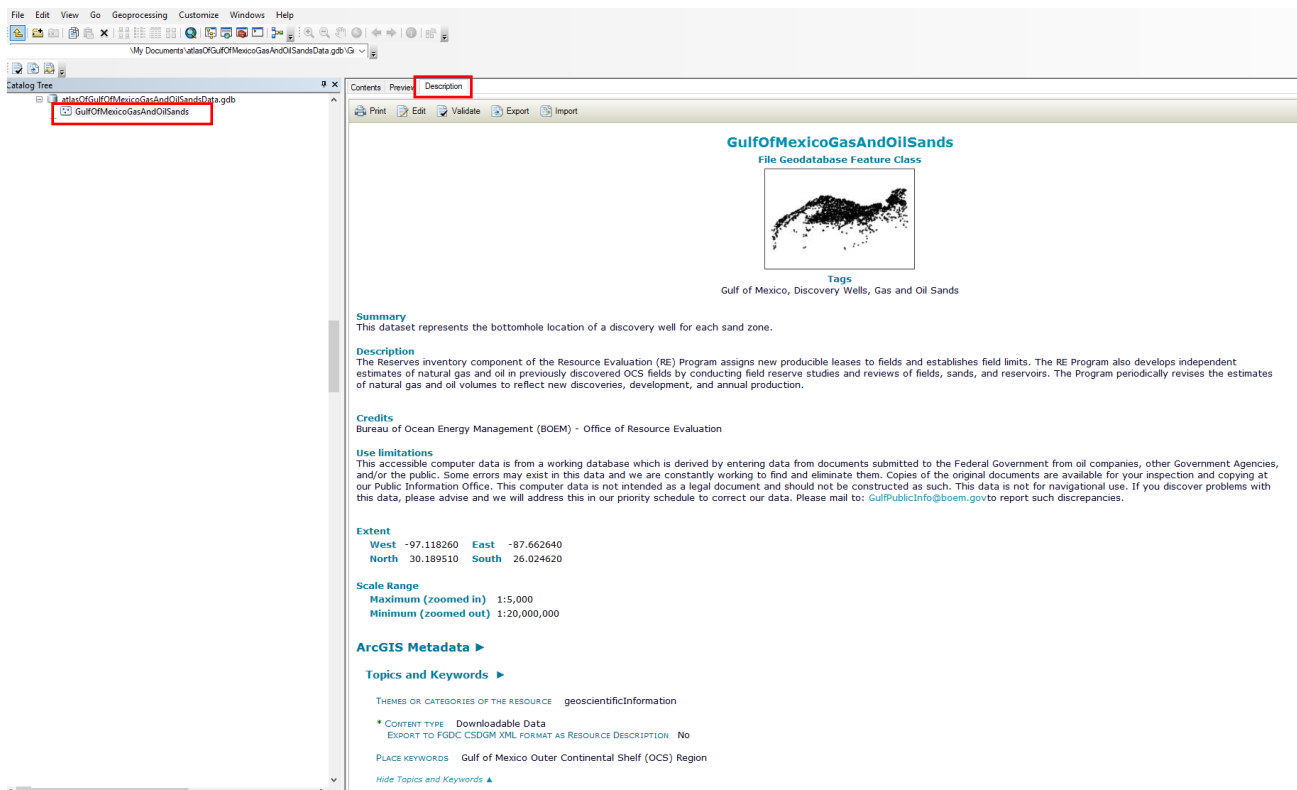
To preview the file or to view associated metadata, launch ArcCatalog.



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

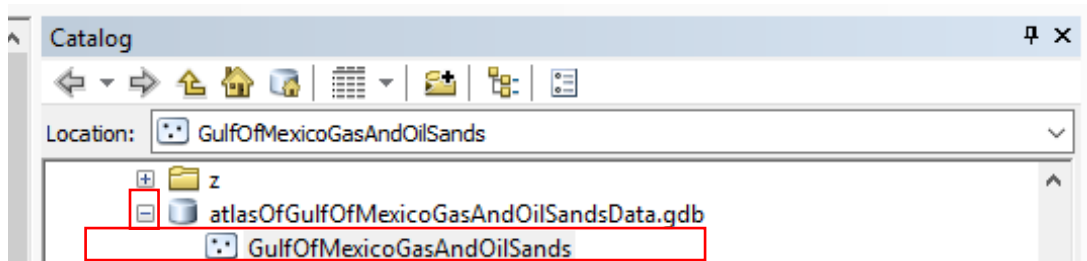


Select the Description tab to view metadata associated with the file.

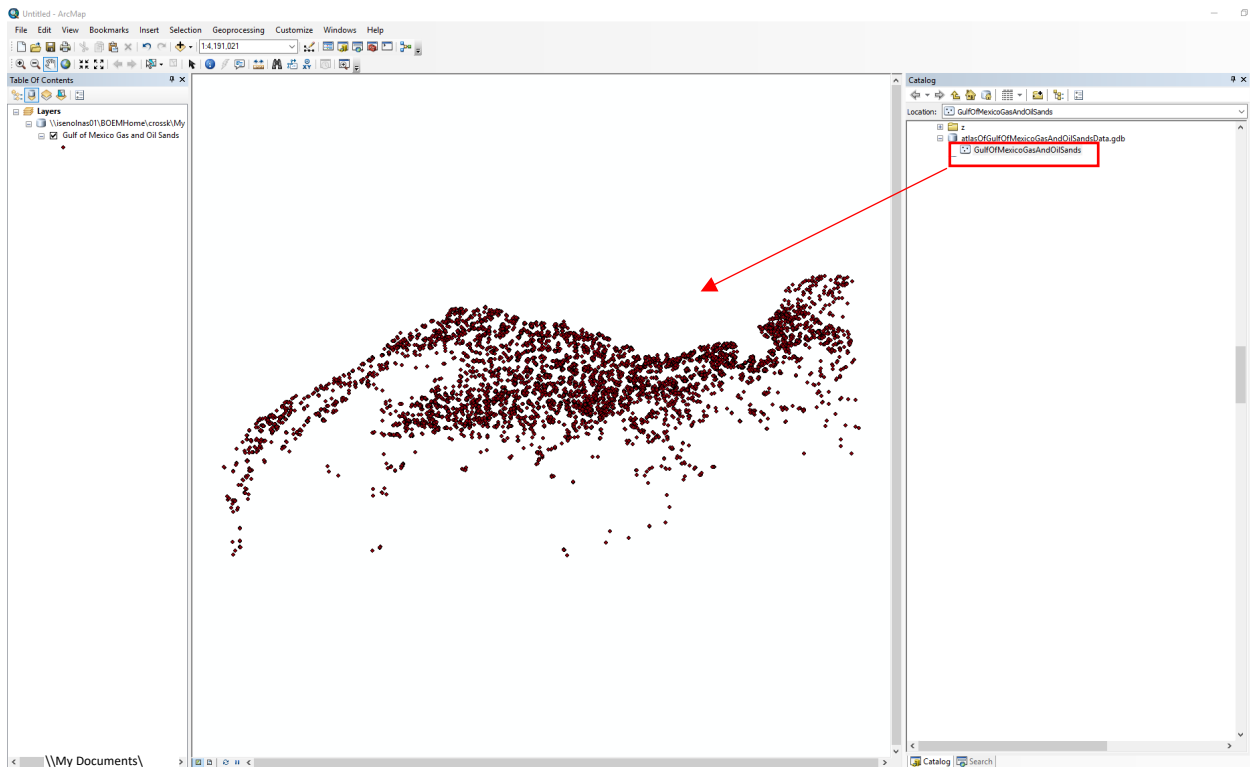


Importing the Sand Data Feature into ArcMap

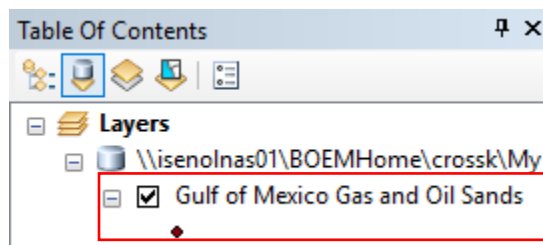
Next, Open ArcGIS ArcMap. Using ArcCatalog, navigate to the unzipped folder and expand the atlasOfGulfOfMexicoGasAndOilSandsData.gdb geodatabase.



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.



OBJECTID *	SHAPE *	Sand name	Sand sequence number	Assessed	Sand discovery date	Sand discovery date high	Sand discovery year	Sand di
1	Point	1761_BA001A_6500_1M	2	Y	9/2/1970	9/2/1970	1970	
2	Point	1761_BA001A_6500_2M	3	Y	9/2/1970	9/2/1970	1970	
3	Point	1761_BA001A_6500_3M	4	Y	9/2/1970	9/2/1970	1970	
4	Point	1761_BA001A_6500_5M	5	Y	4/4/1973	4/4/1973	1973	
5	Point	1761_BA001A_6500_6M	6	Y	9/2/1970	9/2/1970	1970	
6	Point	9971_BA001A_8300_1M	8	Y	9/2/1970	9/2/1970	1970	
7	Point	9971_BA001A_8300_2M	9	Y	9/2/1970	9/2/1970	1970	
8	Point	9971_BA001A_8300_3M	10	Y	9/2/1970	9/2/1970	1970	
9	Point	9971_BA002A_UPPER_B2	13	Y	8/17/1989	8/17/1989	1989	
10	Point	9971_BA007A_BIGHUM1	15	Y	9/14/1983	5/25/1997	1983	
11	Point	9971_BA007A_BIGHUM2	16	Y	7/27/1981	7/27/1981	1981	
12	Point	9971_BA007A_BIGHUM3A	17	Y	7/27/1981	7/27/1981	1981	
13	Point	9971_BA007A_BIGHUM3B	18	Y	7/27/1981	7/27/1981	1981	
14	Point	1761_BA017A_7000	20	Y	10/6/1979	10/6/1979	1979	
15	Point	1961_BA017A_MF1	21	Y	10/7/1974	6/18/1983	1974	
16	Point	1961_BA017A_MF1A	296	Y	10/7/1974	6/18/1983	1974	
17	Point	1961_BA017A_MF1B	431	Y	5/29/1978	6/18/1983	1978	
18	Point	1961_BA017A_MF1C	491	Y	10/29/1980	6/18/1983	1980	
19	Point	9971_BA020A_T	520	Y	11/12/1978	11/12/1978	1978	
20	Point	9971_BA021A_TEXWB	522	Y	6/9/1991	12/23/1995	1991	
21	Point	9971_BA021A_TEXWC	523	Y	6/9/1991	12/23/1995	1991	
22	Point	9971_BA022A_BH4A	525	Y	11/5/1979	5/4/1990	1979	
23	Point	9971_BA022A_BH4B					1982	
24	Point	9971_BA022A_BH4D					1983	
25	Point	9971_BA022A_M	598	Y	11/14/1982	1/27/1983	1982	

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

Identify

Identify from: <Top-most layer>

Gulf of Mexico Gas and Oil Sands

- 9992_KC875_PL_2
- 9992_KC875_PL_3
- 9992_KC875_UM_1
- 9992_KC875_UM_2
- 9992_KC875_PL_4

Location: -92.056376 26.117577 Decimal Degrees

Field	Value
Sand sequence number	420831
Assessed	Y
Sand discovery date	11/22/2009
Sand discovery date high	3/23/2013
Sand discovery year	2009
Sand discovery year high	2013
Field name	KC875
Discovery well API	608084001800
Field class	PDP
Field status	A
Field structure code	E
Field primary trap code	B
Field discovery date	1/23/2010
Field secondary trap code	Q
EIA identification number	972875
Field discovery year	2010
Play number	9992
Sand name	PL_2
Play name	PLU-LL_X2
Chronozone	PLU-LL
Pool name	9992_KC875
Play type	X2
Sand type	B
Original oil	2650364
Water depth	7106

Identified 5 features

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)

MarineCadastre.gov

Data Maps Uses Tools News About

Data Registry

The MarineCadastre.gov Data Registry provides direct access to data currently available through MarineCadastre.gov. Filter the data by provider, thematic category, geographic region, and service type. If you are looking for a data set that is currently not available on MarineCadastre.gov, please email us.

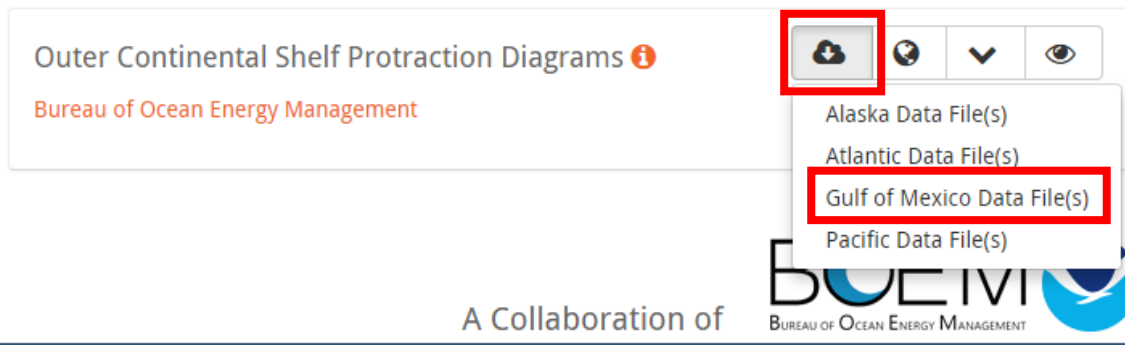
MarineCadastre.gov works with data sources to provide highest quality data sets available. When using data for planning purposes, please read the associated metadata and use constraints to be sure the data will meet your needs.

Sign up to receive email updates on changes to our map services.





- Data Fact Sheet
- Data Updates
- How to Contribute Data
- MarineCadastre.gov Frequently Asked Questions
- The Power of Map Services
- Using MarineCadastre.gov Web Services in ArcMap
- Vessel Traffic (AIS) Data

protraction

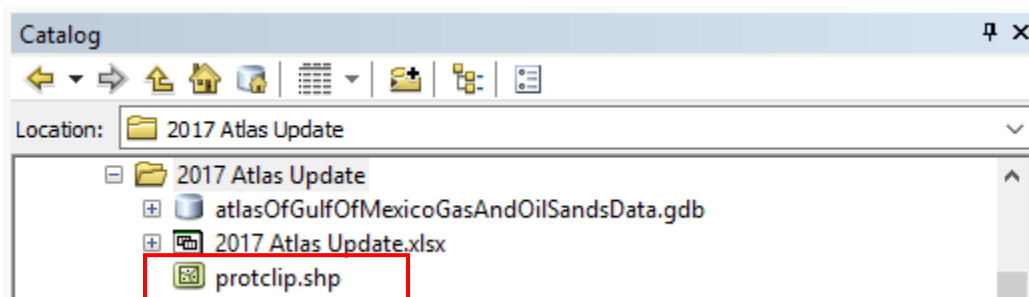
Help My Map 0

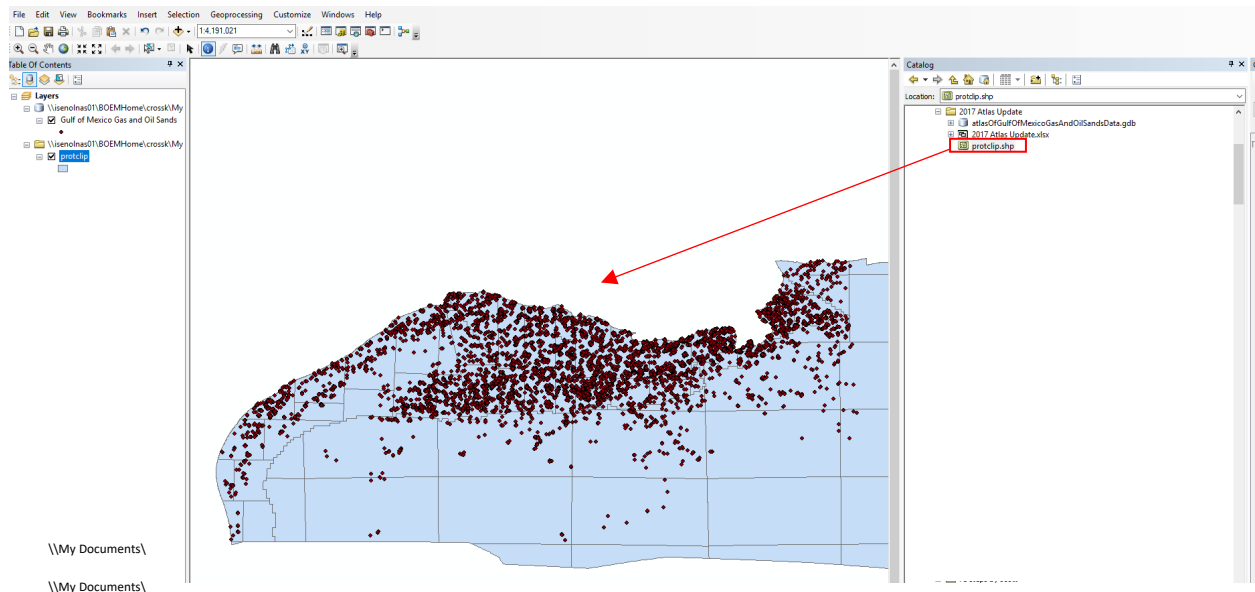


Save and unzip downloaded file.

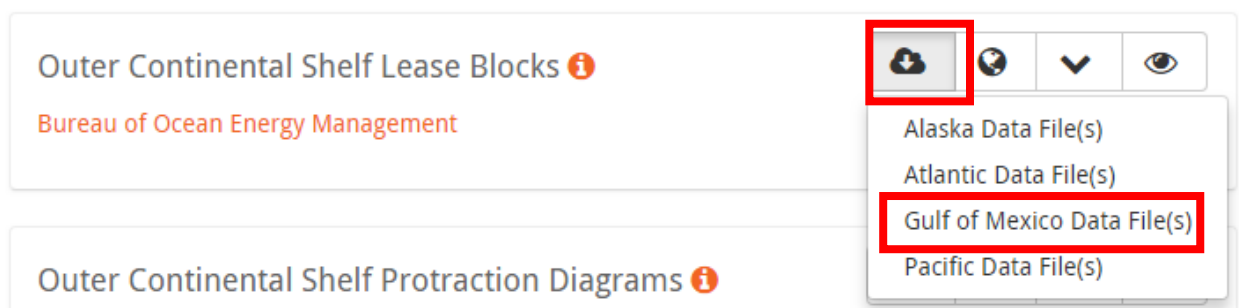
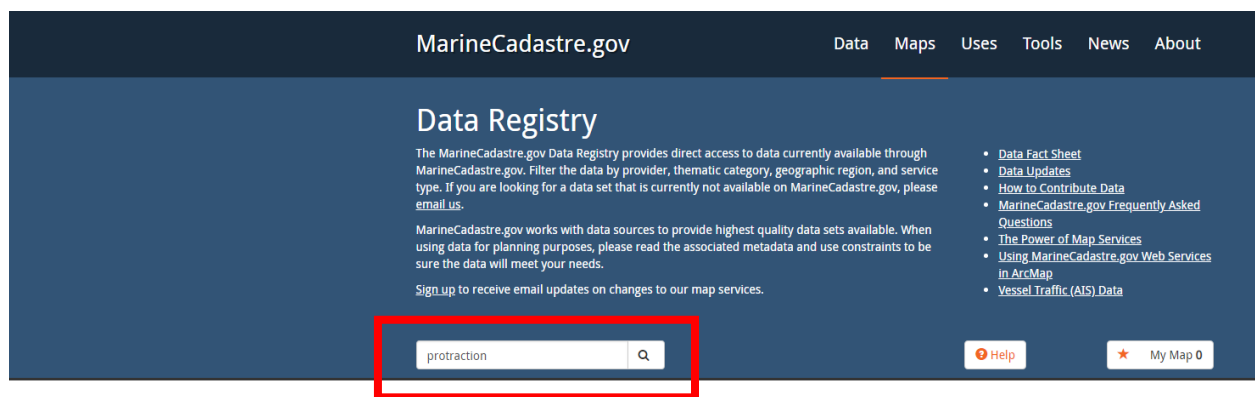
protclip.zip		
	protclip.dbf Type: DBF File	Date modified: 7/1/2015 4:45 PM Size: 22.9 KB → 3.97 KB
	protclip.prj Type: PRJ File	Date modified: 7/1/2015 4:45 PM Size: 168 bytes → 137 bytes
	protclip.shp Type: SHP File	Date modified: 7/1/2015 4:45 PM Size: 1.94 MB → 1.41 MB
	protclip.shx Type: SHX File	Date modified: 7/1/2015 4:45 PM Size: 876 bytes → 618 bytes

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)

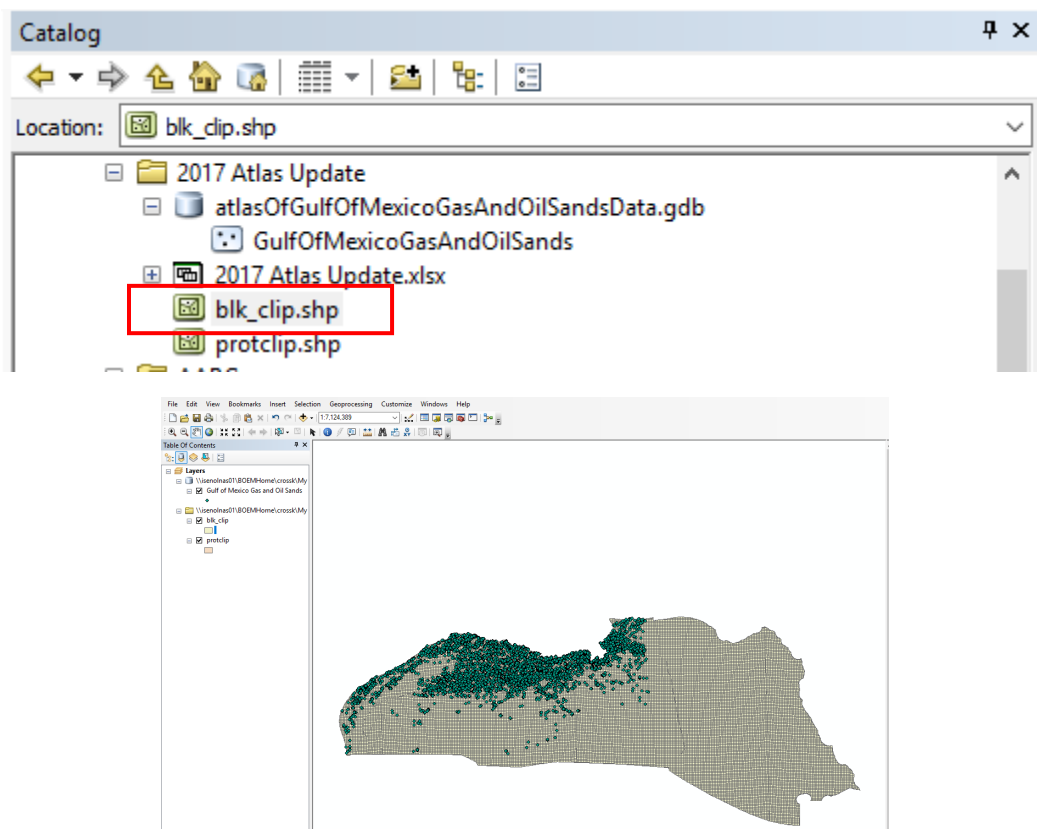


Save and unzip downloaded file.

blk_clip.zip

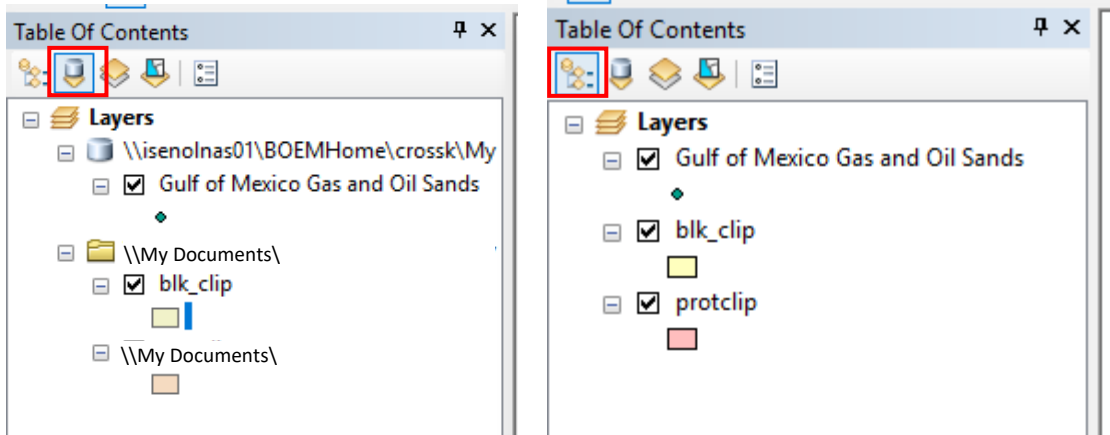
 blk_clip.dbf Type: DBF File	Date modified: 7/1/2015 4:44 PM Size: 3.28 MB → 666 KB
 blk_clip.prj Type: PRJ File	Date modified: 7/1/2015 4:44 PM Size: 168 bytes → 137 bytes
 blk_clip.shp Type: SHP File	Date modified: 7/1/2015 4:44 PM Size: 5.67 MB → 2.53 MB
 blk_clip.shx Type: SHX File	Date modified: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

