

Accessing 2019atlasOfGulfOfMexicoGasAndOilSandsData.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/>

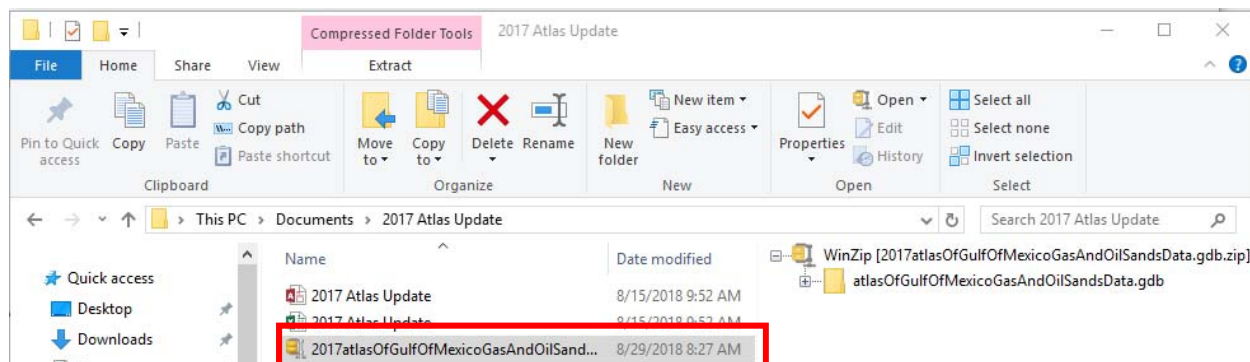
NOTE: 2017 sand data files were used for the following instructions and examples.

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


2017 Atlas Update.zip

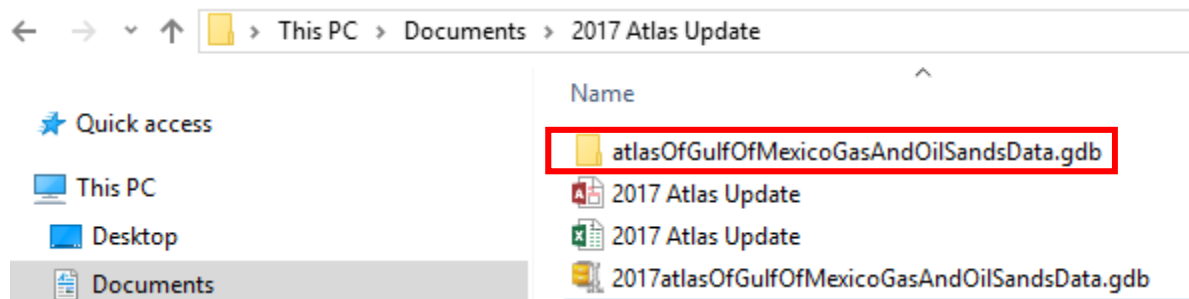
	2017 Atlas Update.accdb Type: Microsoft Access Database	Date modified: 8/15/2018 9:52 AM Size: 53.2 MB → 8.40 MB
	2017 Atlas Update.xlsx Type: Microsoft Excel Worksheet	Date modified: 8/15/2018 9:52 AM Size: 10.9 MB → 10.6 MB
	2017atlasOfGulfOfMexicoGasAndOilSandsData.gdb.zip Type: WinZip File	Date modified: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

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



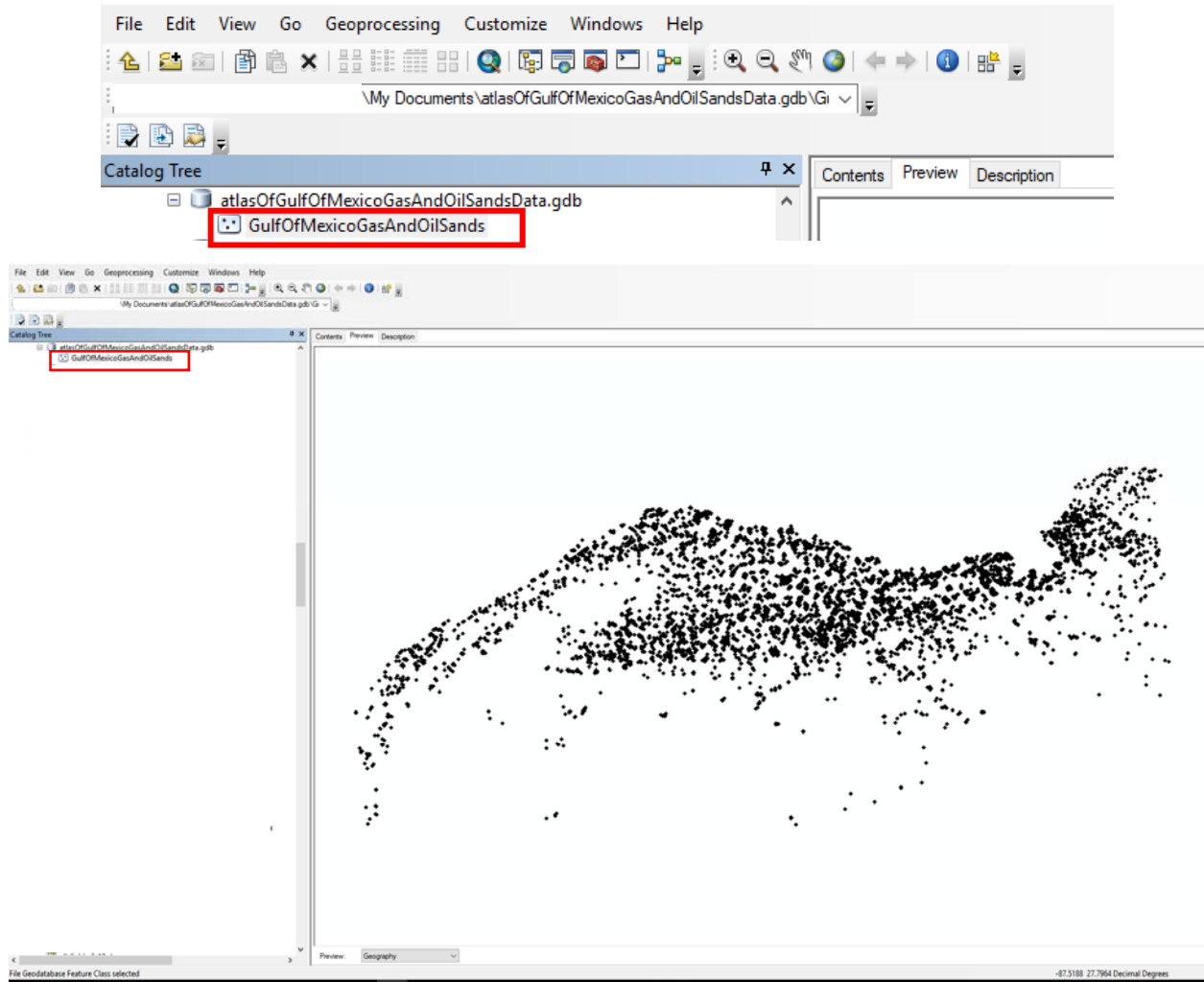
2017atlasOfGulfOfMexicoGasAndOilSandsData.gdb.zip

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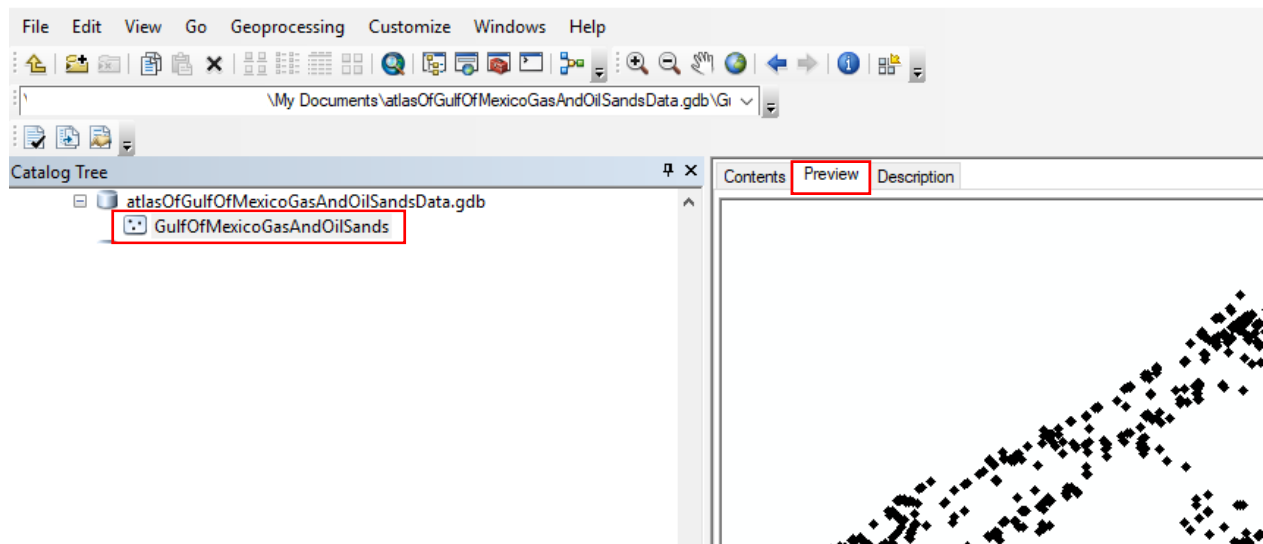


Previewing the Sand Data Feature and Viewing the Associated Metadata

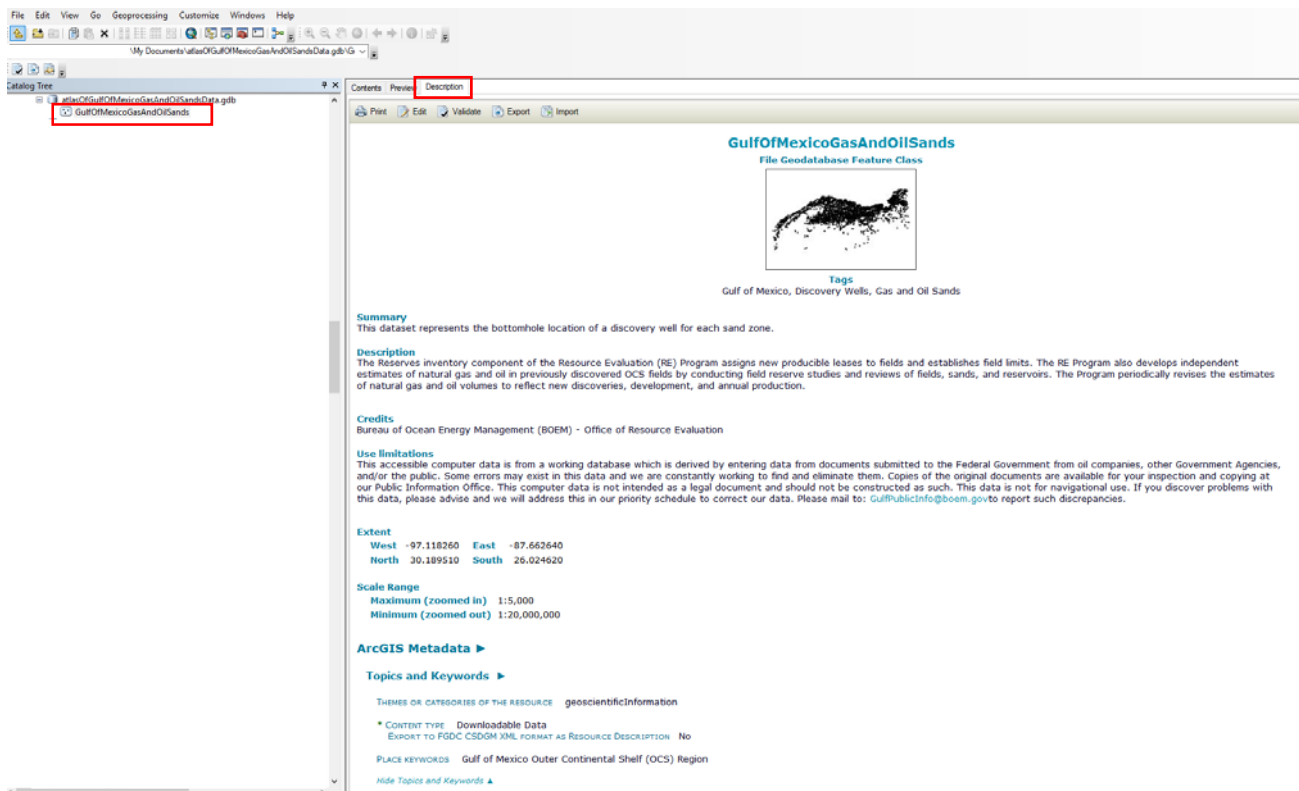
To preview the file or to view associated metadata, launch ArcCatalog.



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

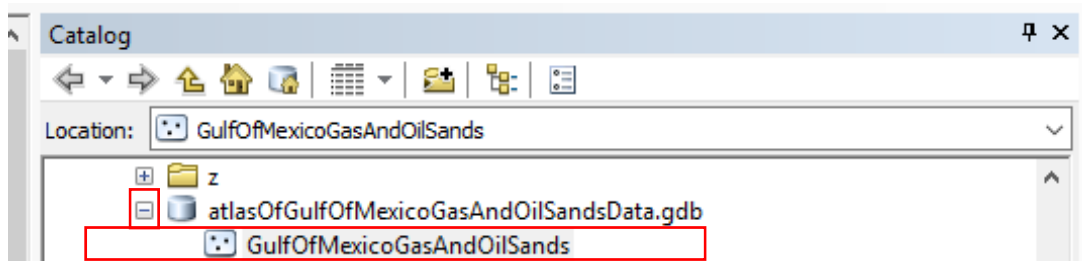


Select the Description tab to view metadata associated with the file.

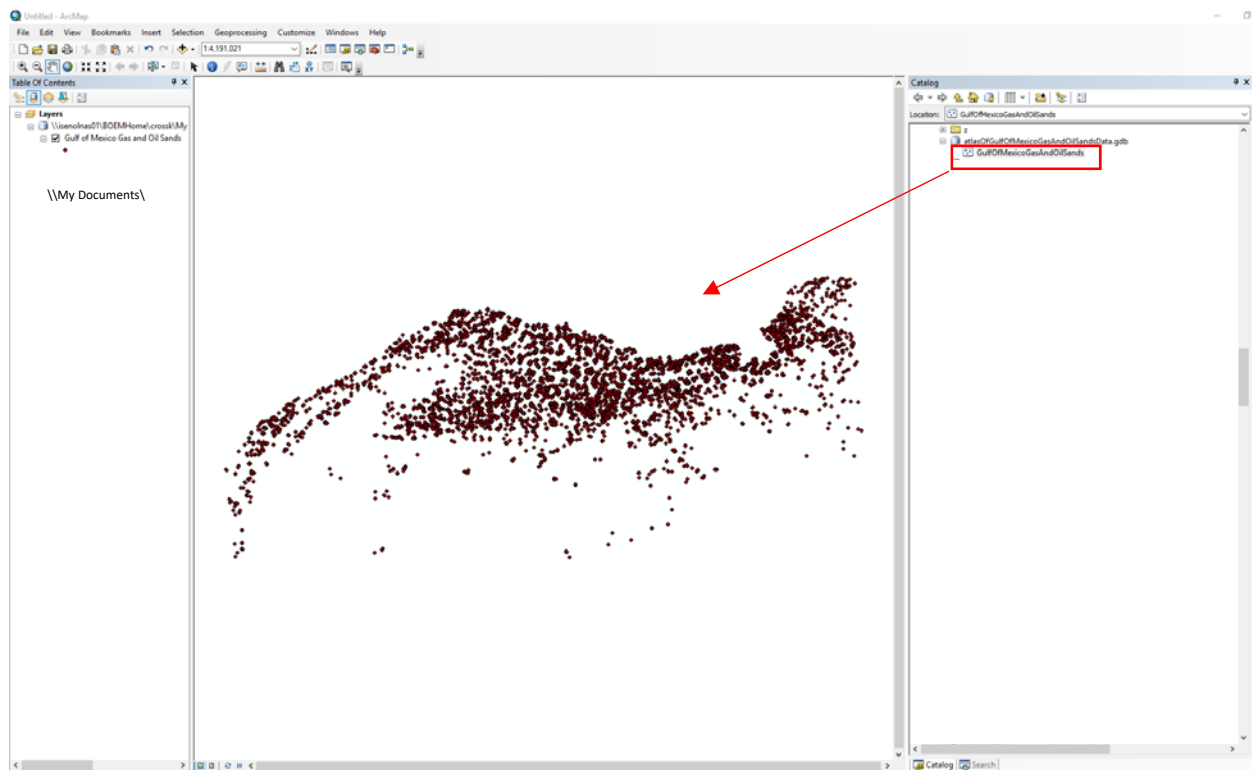


Importing the Sand Data Feature into ArcMap

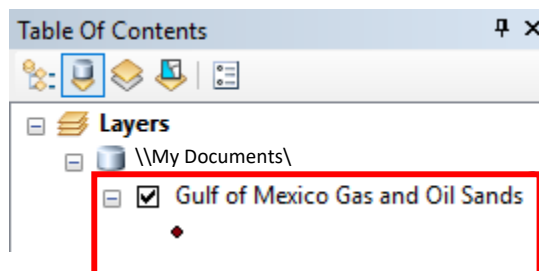
Next, Open ArcGIS ArcMap. Using ArcCatalog, navigate to the unzipped folder and expand the atlasOfGulfOfMexicoGasAndOilSandsData.gdb geodatabase.



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.



Gulf of Mexico Gas and Oil Sands									
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	580	Y	1/13/1982	1/27/1983	1982		
24	Point	9971_BA022A_BH4D	597	Y	11/7/1983	1/21/2004	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.

Untitled - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

1:4,191,021

Table Of Contents

Layers

- My Documents\
 - Gulf of Mexico Gas and Oil Sands

Identify

Identify from: <Top-most layer>

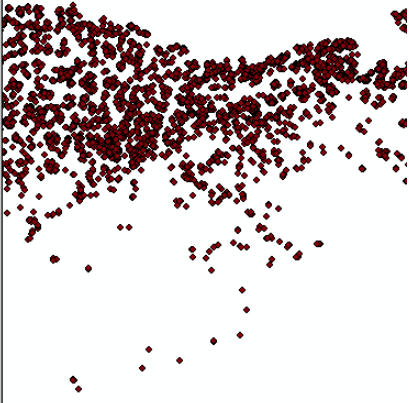
Gulf of Mexico Gas and Oil Sands

- 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
Planning area	CGM
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

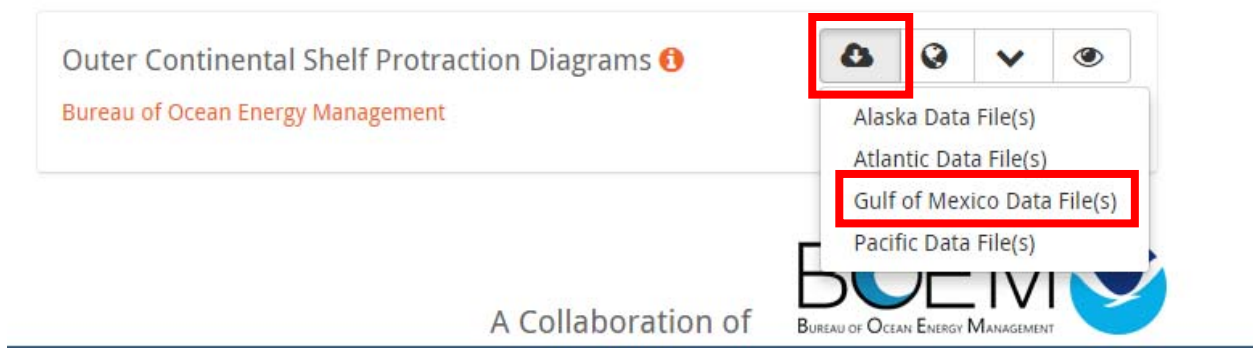
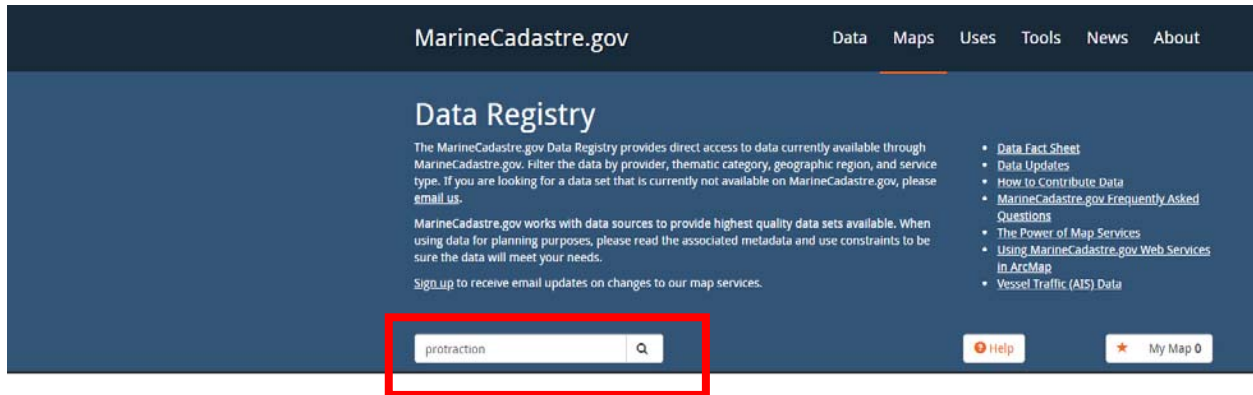


Downloading and Adding Other Available Features to ArcMap

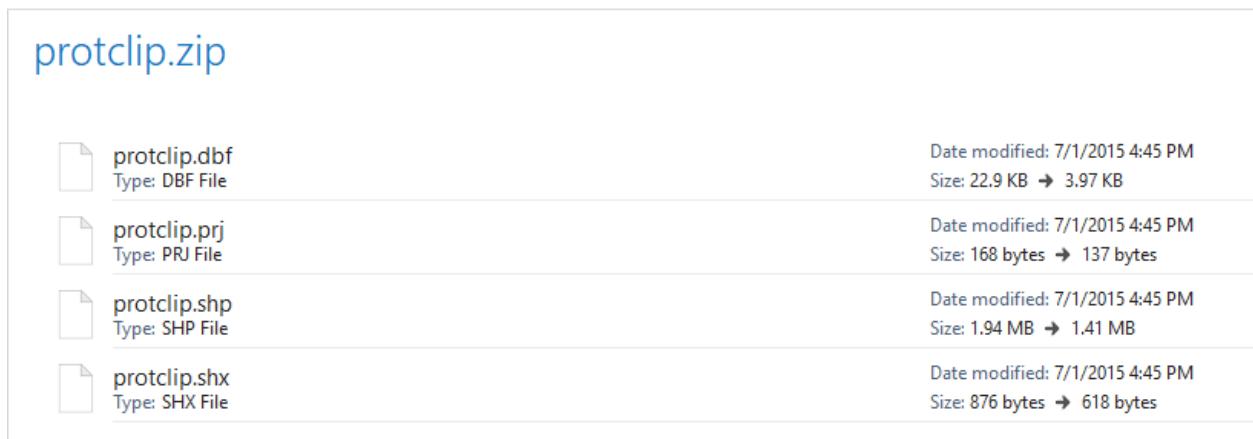
Features such as Protractions and Blocks are available for download at:

<https://marinecadastre.gov/data/>

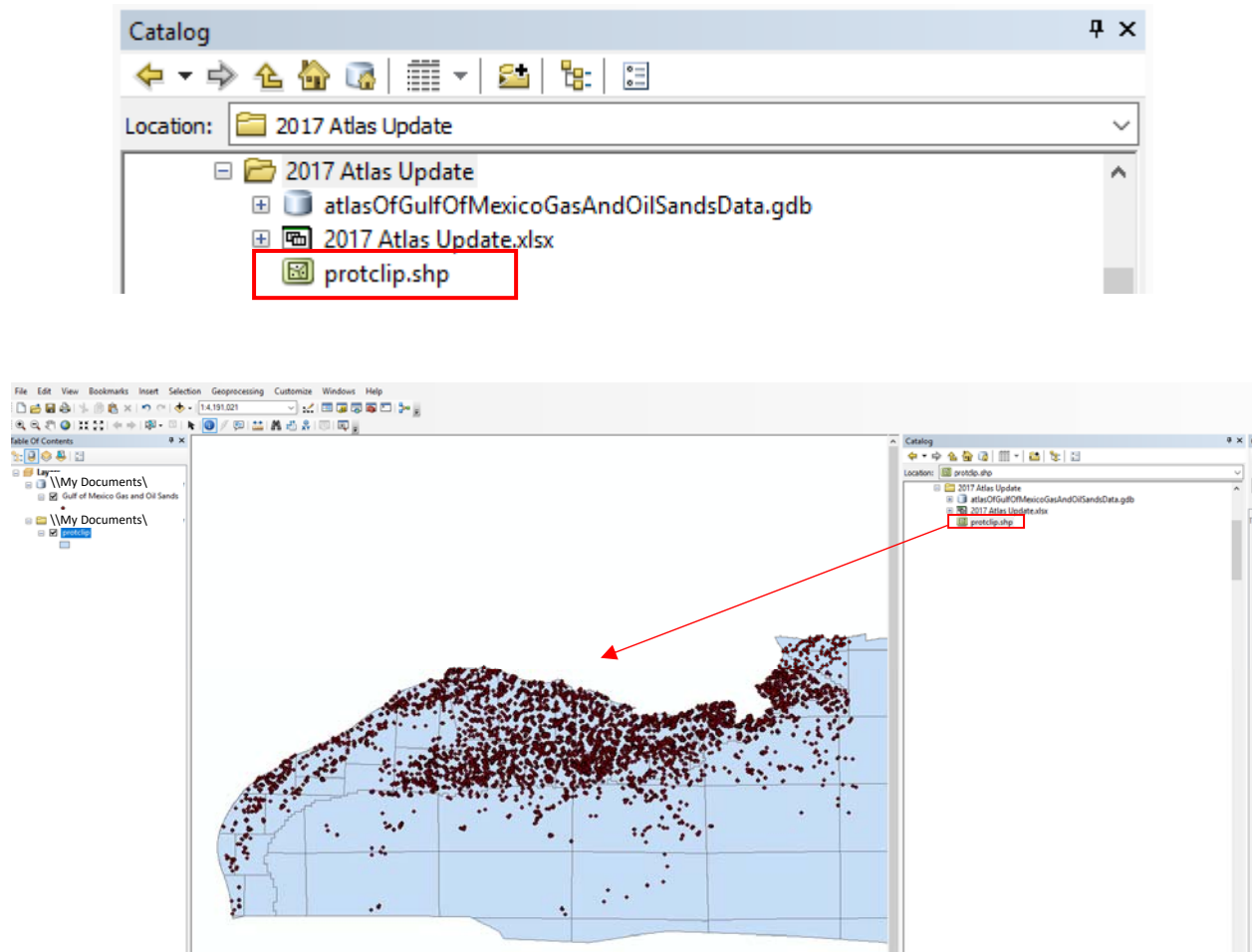
A search on “protraction” will return results for both Protraction Areas and Blocks. (see below)



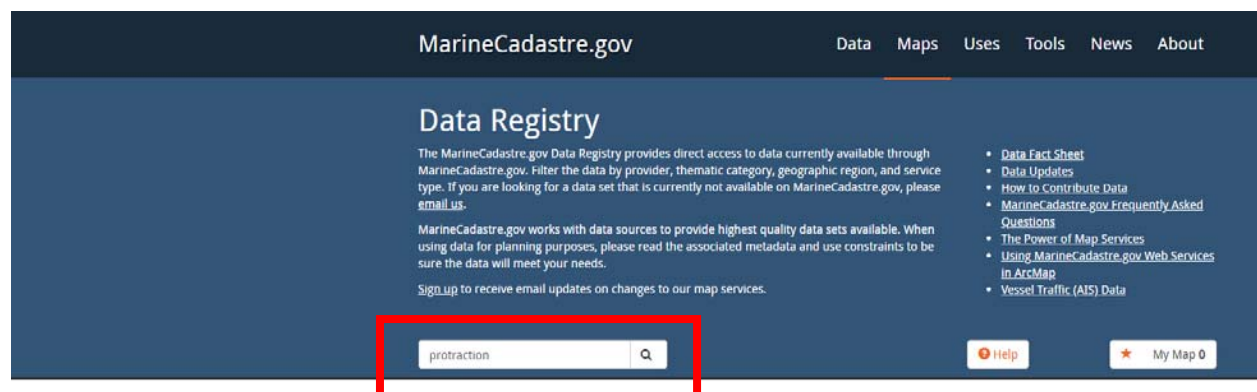
Save and unzip downloaded file.

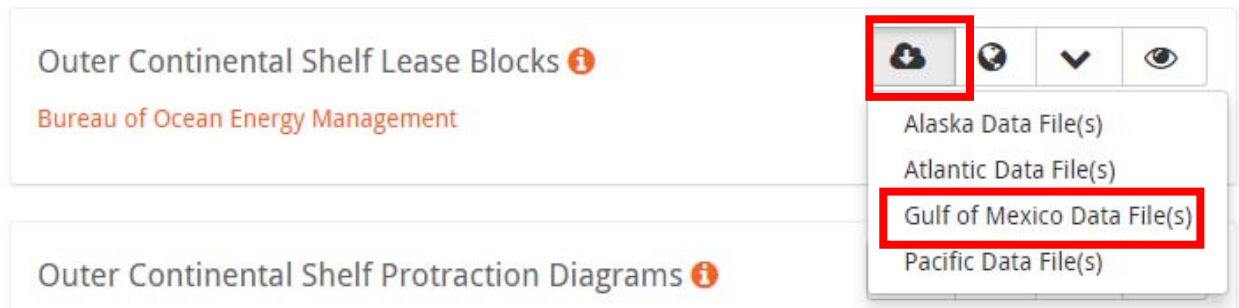


From ArcCatalog, drag and drop shapefile into ArcMap.







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



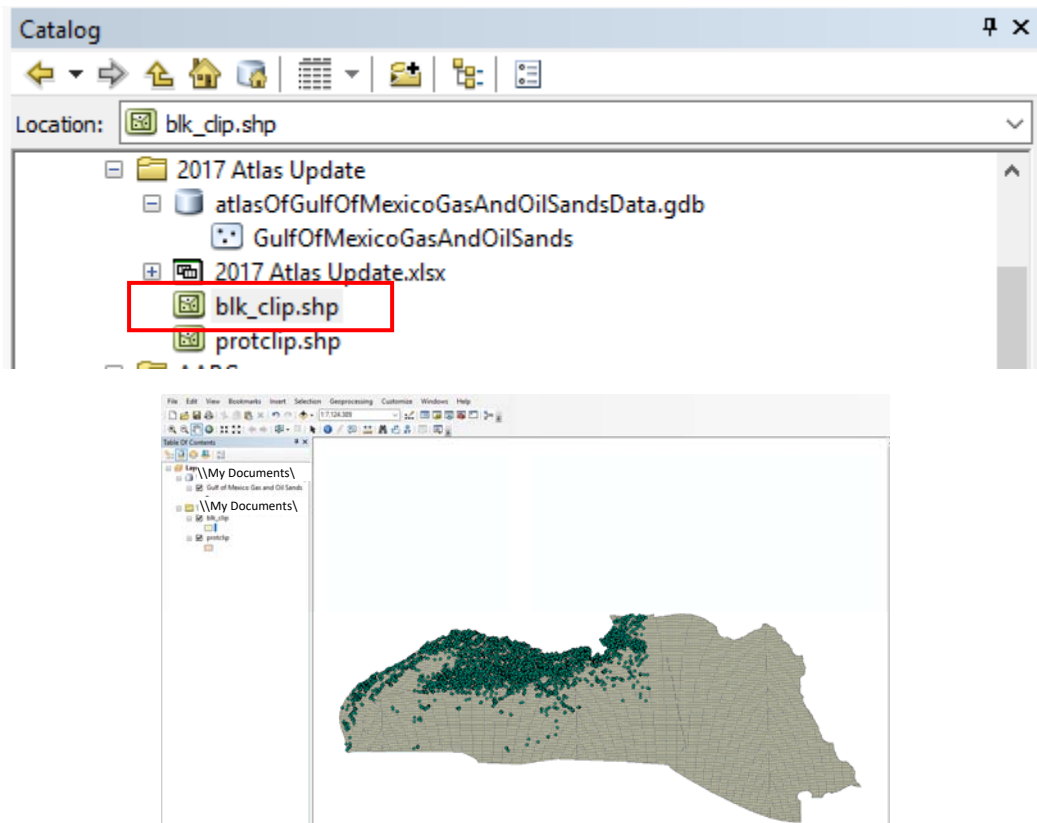


Save and unzip downloaded file.

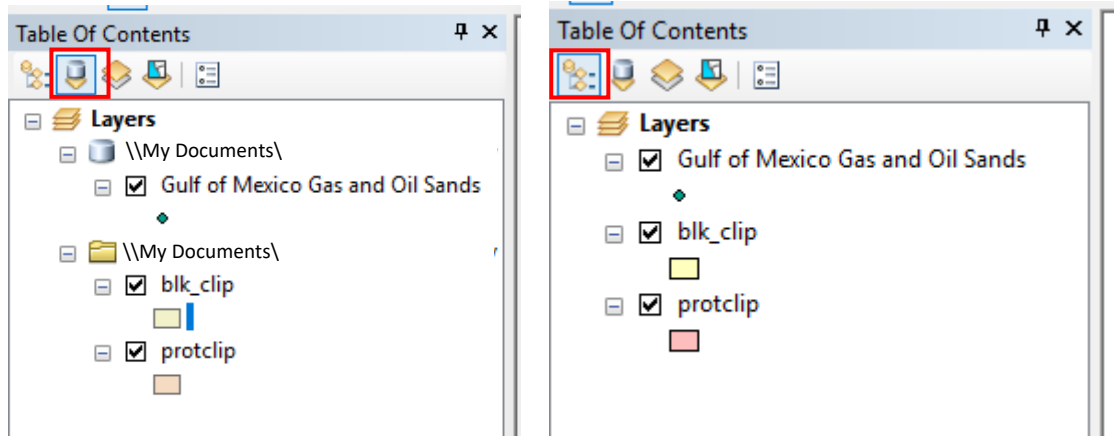
blk_clip.zip

 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.



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

