

BOEM

BUREAU OF OCEAN ENERGY MANAGEMENT

Gulf of Mexico

OUTER CONTINENTAL SHELF REGION
JANUARY 2015

Catalog of Public Information Requests

Data Files
and Maps



PUBLIC INFORMATION CATALOG Overview



Thank you for visiting the Bureau of Ocean Energy Management (BOEM) Public Information catalog. As part of BOEM's mission of managing the nation's offshore energy in a safe and responsible manner, our bureau has generated and compiled vast amounts of oil and gas data. This valuable information is available to the public.

BOEM continues to improve accessibility to this data, available in print format (at an economical cost) and through the BOEM website (at no cost) in ASCII or PDF file formats. The catalog will allow users to query information about data that is archived at www.boem.gov as well as for supplemental information.

BOEM welcomes public input on how to make this catalog better and encourages everyone to help the bureau identify high-value datasets to add to the catalog. For more information, contact the BOEM Public Information Office at 1-800-200-GULF (4853), 504-736-2476 or gulfpublicinfo@boem.gov.

The Bureau of Safety and Environmental Enforcement (BSEE) offers a similar catalog. Contact BSEE at 504-736-2519, gulfpublicinfo@bsee.gov or by visiting www.bsee.gov.

HOW TO ORDER FROM THIS CATALOG

Placing an Order

Requesters must submit request through the Public Information Office online PI Ordering System. Payment for all products and services must be made using a major credit card.

Bureau of Ocean Energy Management
Gulf of Mexico OCS Region
Attention: Public Affairs Office (GM217G)
1201 Elmwood Park Boulevard
New Orleans, Louisiana 70123-2394
Phone: 504-736-2519 or 1-800-200-GULF
Fax: 504-731-7802

Contact us through
a written request:

GulfPublicInfo@BOEM.gov

Ordering ASCII Files Your FTP Site or CD

BOEM Data attributes:

ASCII fixed format (no space between fields)

Files will be compressed using (WINZIP) is needed to extract data files.

Record layout and file description will accompany data files.

Some ASCII files and PDF files are available for downloading free on the Internet and are identified (*) individually in this catalog. To download the ASCII Summary File Layout and Description, click on the file name.

See: Gulf of Mexico Region click on Data Center than the subject of your choice.

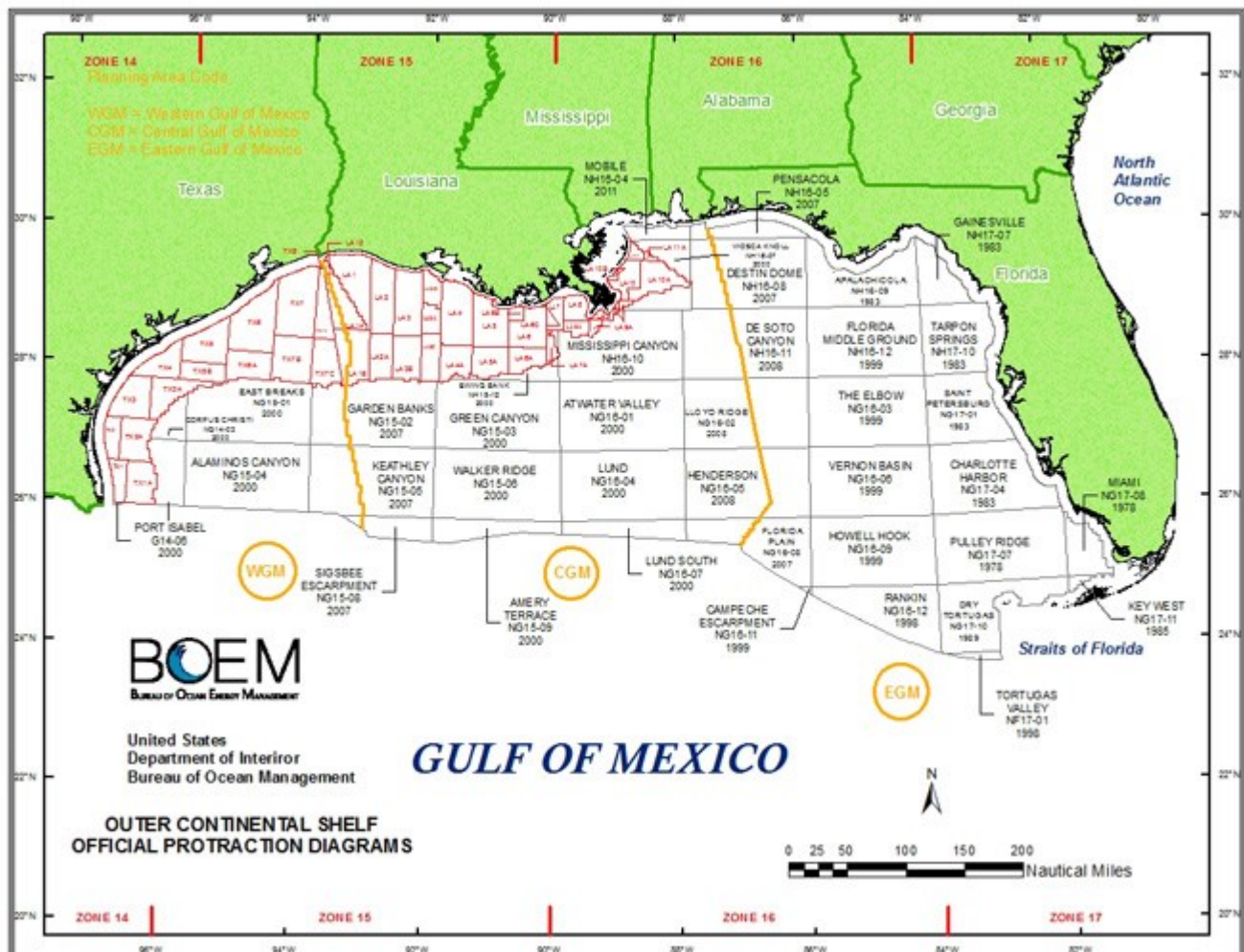
Internet files are scheduled on a daily, weekly and monthly basis. If an update has not completed after 24 hours of the stated schedule, an email should be sent to GulfPublicInfo@BOEM.gov providing the webpage address for further investigation.

Please note: North American 1927 Datum is used by the Gulf of Mexico OCS Region in computations of all geographic coordinates.

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Acreage Listing of Leases — PDF — \$80

Includes the lease number, sale number, effective date, initial period, expiration of primary term, relinquished or termination date, unit of measure, initial and present acreage. Last page includes grand totals for number of leases listed, total hectares, and total acres. A selected time frame may be specified.

Sorted by Lease Number

Request Number

All leases (1947—present)

CAT1015

Includes owner’s name, total number of leases, and total acreage held. The report includes the grand totals for active leases, acreage held and rank of ownership.

Sorted by Lessees/Owners

Request Number

Alphabetical order by lessees

CAT1020*

Company List with Addresses — PDF — \$80

Includes the company name, addresses, company codes, qualifying and termination dates, and regions in which the company is qualified. Bond information held by each company may be listed as an optional request.

<u>Output Option</u>	<u>Sorted by Request Number</u>	<u>Sorted by Request Number</u>
All Companies	Company Name	Company Code
All Regions	CAT1070*	CAT1080*
Gulf of Mexico OCS Region	CAT1071*	CAT1081*
Active Companies	Company Name	Company Code
All Regions	CAT1075*	CAT1085*
Gulf of Mexico OCS Region	CAT1076*	CAT1086*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Company List for All Companies, All Regions — ASCII File — \$80

Includes a list of all company names with addresses, company codes, bond information, and respective OCS Regions.

<u>Output Option</u>	<u>Request Number</u>
By Company Name	CAT1110*
By Company Code	CAT1111

Lease Activity Report — PDF — \$80

Includes the lease number, effective date, first and last spud date, total boreholes, total completions, qualification method and date, lease status, date of first production, and the date the initial platform was set and approved. Output is in lease number order and may specify for all or active leases or for one district.

<u>Output Option</u>	<u>Request Number</u>
Active Leases	CAT1175*

Lease Data — PDF — \$80

Includes the lease number, area/block, tract ID number, serial type, sale number, expected term date, bid type, effective date, expiration of primary term, expired, relinquished and termination date, API state and county code, district code, planning area code, distance to shore, number of platforms, section number, map number, high and low water depth, official lease status code and date, acres, hectares, initial and present surface acreage, rent, unit, royalty rate, bonus for lease and dollar per unit.

<u>Output Option</u>	<u>Request Number</u>
Active Leases	CAT1220
All Leases	CAT1221*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Lease Data — ASCII File — \$80

Includes the lease number, serial type, sale number, expected expiration date, API state and county code, tract ID number, effective date, initial period, expired, relinquished and termination date, royalty method code and rate, initial and current surface acreage, rent per acre and hectare amount, lease bonus amount, bonus per acre/hectare amount, low and high water depth, unit of measure flag, planning area code, intersect state linecode, district code, official lease status code and date, suspension expiration date and type, qualifying well name, method code, date, field discovery type code and flag, distance to shore, platform count, first platform approved date, first platform set date, section number, 8g state code and acreage, map OPD number, suspension effective date, first production date, and area block code.

<u>Output Option</u>	<u>Request Number</u>
Active Leases	CAT1240
All Leases	CAT1241*

Lease Descriptions — ASCII File — \$80

Includes the lease number, area and block, protraction area name and number, description of leases having multiple blocks or portion of a block.

<u>Output Option</u>	<u>Request Number</u>
All Leases	CAT1280

Lease List — ASCII File — \$80

Includes the lease number, district code, appeal flag, mineral type code, area and block, indication of a partial or multi-block lease, lease status, lease status date, Order 4 determination, a flag indicating a change of operator and lease status from the previous month.

<u>Output Option</u>	<u>Request Number</u>
All Leases	CAT1300*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Lease Owner Information — PDF — \$80

Includes the lease number, unit of measure, lease area, aliquot and aliquot portion, percent ownership and lessee net portion. The summary report includes the lease and percent ownership held by each lessee. The detailed report includes the lease acreage. The summary or the detailed report can be requested.

<u>Output Option</u>	<u>Sorted By</u>	<u>Request Number</u>
Active or All Companies	Lessee	CAT1350*
Active or All Companies	Company Name & Number	CAT1360*

Includes the lease number, approval date, time of assignment, effect date of assignment, aliquot grouping flag, lessee name and code, percent ownership, designated operator name, and date of designation. For leases where the original lessee is not available, the lease will include the first available lessees in those requests for first available lessees. Leases prior to lease number 2000 do not show the original owner.

<u>Output Option</u>	<u>Sorted By</u>	<u>Request Number</u>
Active or All Leases	Original Lessees	CAT1370
	Current Lessees	CAT1371*

Includes the lease number, approval date and time of assignment, aliquot grouping flag, lessee code, designated operator, date of designation, effective date of assignment, lease assignment status code, and percent ownership. For leases where the original lessee is not available, the lease will include the first available lessees. Leaser prior to lease number 2000 do not show the original owner.

<u>Output Option</u>	<u>Sorted By</u>	<u>Request Number</u>
All Leases	Original Lessees	CAT1380
All Leases	Current Lessees	CAT1381*
Active Leases	Original Lessees	CAT1382
Active Leases	Current Lessees	CAT1383

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Lease Owner Information — ASCII — \$80

Includes the lease number, approval date and time of assignment, aliquot grouping flag, lessee code, designated operator, date of designation, effective date of assignment, lease assignment status code, and percent ownership. For leases where the original lessee is not available, the lease will include the first available lessees. Leases prior to lease number 2000 do not show the original owner.

<u>Output Option</u>	<u>Sorted By</u>	<u>Request Number</u>
All Leases	Original Lessees	CAT1380
All Leases	Current Lessees	CAT1381*
Active Leases	Original Lessees	CAT1382
Active Leases	Current Lessees	CAT1383

Lease Owner Information — Historical— ASCII — \$80

Lease number, assignment approval date, assignment effective date, assignment status code, owner aliquot code, company number, company status date, lease designation date, assignment percentage, lease designated date, operator number, operator start date, company name.

	<u>Request Number</u>
All Lease (1947 — present)	CAT1384
History of Operator Designated Partners (PBDEGOPR)	CAT1385

Lease Remarks — ASCII — \$80

Includes information within the lease’s history when there is a change of the designated operator, or company name, and unit contract number.

<u>Request Number</u>
CAT1435

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Lease Statistics (Oil and Gas) — ASCII — \$80

Includes statistical information for each lease, lease number, well name, spud date, completion date, total boreholes count, date when file was last recalculated, first production date, statistics pertaining to borehole and completion counts for oil and gas, borehole counts for exploratory, development, and pending application to drill, drilling activity, inactive, plugged, and abandoned wells, total wells completed, and completion counts for active and shut-in wells, well injection, and capacity.

Request Number

CAT1465

Field Name Master List — ASCII — \$80

Includes statistical information for each lease, lease number, well name, spud date, completion date, total boreholes count, date when file was last recalculated, first production date, statistics pertaining to borehole and completion counts for oil and gas, borehole counts for exploratory, development, and pending application to drill, drilling activity, inactive, plugged, and abandoned wells, total wells completed, and completion counts for active and shut-in wells, well injection, and capacity.

<u>Output Option</u>	<u>Sorted By</u>	<u>Request Number</u>
	Field	CAT6160
All Leases	Expired	CAT6161
	Active	CAT6162
	Field	CAT6163
Active Leases	Expired	CAT6164
	Active	CAT6165

NOTE: The following files are not used for mapping. For mapping information see the 8000 series. The coordinate values were derived using the North American Datum (NAD) of 1927.

Lease Polygons — \$80

Contains information that defines composite polygons for all leases in the GOM.

<u>Output Option</u>	<u>Request Number</u>
Lease polygons (longitude and latitude) of all leases	CAT7401
Lease polygons (x/y coordinates and longitude and latitude) of all leases	CAT7405

Contains information that defines those lease polygons that are not whole block areas.

<u>Output Option</u>	<u>Request Number</u>
Lease polygons (x/y coordinates) of all leases	CAT7403

Block Polygons — \$80

Contains information that defines the Federal lease blocks for the Gulf of Mexico Region.

<u>Output Option</u>	<u>Request Number</u>
Block polygons (x/y coordinates and longitude and latitude)	CAT7421

Data may be obtained in one of three formats: **ArcInfo**, **ASCII**, or **DXF**.

The **ArcInfo** data can only be imported into a UNIX version of ArcInfo.

The **ASCII** data is provided for UNIX systems other than ArcInfo.

The **DXF** data is provided for users using PC-type mapping software (AutoCadd, MapInfo).

The **DXF** data includes no topology; the DTA files only contain label information for the data set.

Please specify if you want DXF files.

The TIMS database consists of two separate databases: **attribute and spatial** databases.

The **attribute database** is a TIMS database and contains all automated data information identified as necessary for the offshore industry.

The **spatial database** is a combination of the ARCINFO and FINDER databases, and contains all the coordinates and topology information for geographic features.

The attribute and spatial databases are interconnected through the use of common data elements in both databases. The attribute information provided with the spatial dataset is used to make the link between the spatial dataset. Included are extra fields used by the BOEM to label the features of the dataset. All data in the mapping files are made up of straight-line segments. If an arc existed in the original data, it has been replaced with a series of straight lines that imitate the arc. The Gulf of Mexico OCS Region mapping data, dumps and file coordinates are stored in longitude and latitude format. If the official x and y coordinates format are needed, the TIMS data dump must be purchased.

5, 8 & 10 Year Lease Lines — Free Online

Consists of lease term lines that depict the 5, 8, & 10 year lease term areas.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8205*
ASCII Format	8316*
DXF Format	8425*
SHP Format	Shapefile*

8g Line — Free Online

Contains information that delineates the limit of the 8(g) Zone.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8206*
ASCII Format	8317*
DXF Format	8426*
SHP Format	Shapefile*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Active Lease Polygons — Free Online

Contains all active lease polygons including whole block leases.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8200*
ASCII Format	8300*
DXF Format	8400*
SHP Format	Shapefile*

Block Polygons — Free Online

Contains information that defines the Federal lease blocks for the GOM OCS Region.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8201*
ASCII Format	8311*
DXF Format	8421*
SHP Format	Shapefile*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Block Polygons Clipped — Free Online

Contains information on all Federal lease blocks and defines the Federal lease blocks clipped along the Federal/State boundary for the Gulf of Mexico OCS Region. Blocks or a portion of blocks on the state side of the Federal/State boundary are not included. Contains information on all Federal lease blocks and defines the Federal lease blocks clipped along the Federal/State boundary for the Gulf of Mexico OCS Region. Blocks or a portion of blocks on the state side of the Federal/State boundary are not included.

Output Option

ArcInfo Format	8210*
ASCII Format	8310*
DXF Format	8410*
SHP Format	Shapefile*

Continental Shelf Boundary (CSB) including EEZ — Free Online

Contains information that delineates the Exclusive Economic Zone Boundary.

Output Option

Request Number

ArcInfo Format	8220*
ASCII Format	8323*
DXF Format	8432*
SHP Format	Shapefile*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

District Boundaries — Free Online

Contains the outlines of the districts for the GOM Region.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8203*
ASCII Format	8314*
DXF Format	8423*
SHP Format	Shapefile*

Federal/State Boundary — Free Online

Contains information that delineates the State Seaward Boundary

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8204_*
ASCII Format	8315_*
DXF Format	8424_*
SHP Format	Shapefile*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Pipelines — Free Online

Contains information that defines a composite polygon of the areas for the GOM Region. This file is based on the OCS Marine Survey Group Official Protraction Diagram (OPD). Each offshore area is defined with an API Number corresponding to those in the API Bulletin Number D12A.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8219*
ASCII Format	8321*
DXF Format	8430*
SHP Format	Shapefile*

Platforms — Free Online

Defines the surface delineation of the units in the GOM.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8211*
ASCII Format	N/A
DXF Format	8431*
SHP Format	Shapefile*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Protraction Polygons — Free Online

Contains information that defines a composite polygon of the areas for the GOM Region. This file is based on the OCS Marine Survey Group Official Protraction Diagram (OPD). Each offshore area is defined with an API Number corresponding to those in the API Bulletin Number D12A.

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8207*
ASCII Format	8318*
DXF Format	8427*
SHP Format	Shapefile*

Protraction Polygons Clipped — Free Online

Contains information as above and defines the Federal protraction clipped along the Federal/State boundary for the Gulf of Mexico OCS Region. No information on the state side of the Federal/State boundaries are included

<u>Output Option</u>	<u>Request Number</u>
ArcInfo Format	8208*
ASCII Format	8319*
DXF Format	8428*
SHP Format	Shapefile*

*Lists are available for free on BOEM website in ASCII or PDF format at www.boem.gov

Block Maps

All blocks are based on the Universal Transverse Mercator Grid System, zone 16 with x origin = 1,640, 416.67 feet. (500,000 international meters) at 87 degrees west longitude, and y origin = 0 feet at 0 degrees latitude. The boundaries of the regular blocks are 15,840 feet on a side and contain 5,760 acres. Map displays the Gulf of Mexico Region's Central, Eastern and Western Planning Areas for Louisiana and Texas. (Protractions by UTM Codes) The new updates reflect the new planning area lines.

Official Protraction Diagram (digital format) on CD — \$15

For use in Acrobat and ArcInfo

CD Contents: Acroread
 OPD-GRAS
 OPD-PDFS
 Map Content – PDF
 Non-Digital PDF
 Readme.TXT

**Maps by Planning Area
available online in PDF format
Central , Western, Eastern**

<http://www.boem.gov/Official-Protraction-Diagrams/>

Lease Maps

Lease Development Map (paper format) — \$350

Scale 1 inch = 46,171 feet
Size = 11 feet 6 inches x 5 feet

Map displays Lessee name, all GOM lease blocks, active leases, protractions, coastline, EEZ line, Fairway, 8g line, state, county, streams and national parks. (This map is updated after each lease sale.)

General Purpose Maps

Visual 1—Active Lease and Infrastructure (paper format) — Free

Scale 1 inch = 1,200,000 feet

Size = 4 feet 10 inches x 2 feet 4 inches

<http://www.boem.gov/Visual-1-Active-Leases-and-Infrastructure/>

Map displays active leases, oil and gas structures, pipelines, area boundaries, lease term lines, oil refineries, supply bases, crude oil terminals, and water depth in meters.

Stipulation and Deferred Block Map (paper format) — Free

Note: The coordinate values appearing on these maps were derived using the North American Datum (NAD) of 1927. All maps were prepared from existing data. The Bureau of Ocean Energy Management does not guarantee its accuracy or take responsibility for reliance thereon. The following maps are not to be used for navigational purpose or for federal leasing.

Map is made available with the **Final Notice of Sale Package** for each OCS oil and gas lease sale. Map displays topographic features, military areas, convention royalty payments, and protected species.

Breton Wilderness Class 1 Area Map (paper format) — Free

Scale 1 inch = 760,000 feet

Size = 3 feet 3 inches x 3 feet

Map covers the following Gulf of Mexico Region areas: 200 KM and 100 KM Louisiana, Alabama, Mississippi and Florida. Depicts Breton Wilderness, Buffer Zones, and selected major urban areas.

Hydrogen Sulfide Occurrences in the GOM OCS Region (paper format) — Free

Scale 1 inch = 70,000 feet, ppm=parts per million
Size = 4 feet 10 inches x 2 feet 4 inches

Map displays blocks, states, shaded coastlines, protraction, Fed/State line, H₂S>or=20 ppm, H₂S<20 ppm, and district areas of responsibility.

Bio Stipulation Map Package (paper format) — Free

Map shows the oil and gas leases for the Central and Western Gulf of Mexico. Map depicts the areas affected by the topographic features stipulations, which are routinely applied to leases in the vicinity of certain geographic features. For specific information regarding the stipulations, see the appropriate Notice of Sale.

<http://www.boem.gov/Topographic-Features-Stipulation-Map-Package/>

Paleo

Biostratigraphic Chart of the Gulf of Mexico Region, Jurassic to Quaternary — Free

The BOEM Biostratigraphic Chart contains a list, in order of increasing age, of 600 foraminiferal (planktic and benthic), ostracodal, and nannofossil (namely coccolith) paleobioevents (markers) generally used for correlation of Jurassic to Quaternary wells in the Gulf of Mexico. These paleobioevents may consist of a species extinction (last appearance datum), a species origination (first appearance datum), a faunal or floral increase or an acme. The biostratigraphic markers are placed in their proper chronologic, chronostratigraphic and chronozoneal context as determined by the MMS Resource Evaluation Paleontologic Group. Since 1998 the total number of biostratigraphic markers employed by BOEM in its paleontologic database and in released reports found online at the BOEM website has quadrupled to more than 1200. Its higher-resolution biostratigraphic resolution has aided in more refined geologic mapping and hydrocarbon resource evaluation of the Gulf of Mexico shelf and slope regions. Included in the chart is a paleo bathymetric cross-section showing the marine paleoecological zonation found in the paleontologic reports, as well as an abridged list of related biostratigraphic references.

Digital Mapping Files

Note: The coordinate values appearing on these maps were derived using the North American Datum (NAD) of 1927. All maps were prepared from existing data. The Bureau of Ocean Energy Management does not guarantee its accuracy or take responsibility for reliance thereon. The following maps are not to be used for navigational purpose or for federal leasing.

Digital mapping files available for mapping purposes in Arc Info, ASCII, DXF or SHP format. **(See 8000 series description)**

BOEM

BUREAU OF OCEAN ENERGY MANAGEMENT



Gulf of
Mexico
Region