

Oil and Natural Gas Wells



Tags

Oil, Natural Gas, OCS, Wells

Summary

This data set contains surface locations for OCS oil and gas wells.

Description

Surface borehole drilled into the ocean floor within the Outer Continental Shelf for purposes of mineral exploration and mining. A database of well boreholes is maintained by BSEE. Oil and Natural Gas Wells were downloaded from the Marine Cadastre National Viewer (<http://marinecadastre.gov/nationalviewer/>) on 12/15/16 for Alaska, the Atlantic, the Pacific, and the Gulf of Mexico. These datasets were then merged together.

Credits

Bureau of Safety and Environmental Enforcement

Use limitations

There are no access and use limitations for this item.

Extent

West -178.292420 **East** -67.208840
North 71.853906 **South** 25.946713

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata

Topics and Keywords

* CONTENT TYPE Downloadable Data

Citation

TITLE Oil and Natural Gas Wells
PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY
ORGANIZATION'S NAME Bureau of Safety and Environmental Enforcement
CONTACT'S ROLE originator

Resource Details

DATASET LANGUAGES * English (UNITED STATES)
SPATIAL REPRESENTATION TYPE * vector
* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322
CREDITS

Bureau of Safety and Environmental Enforcement

Extents

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -178.292420
* EAST LONGITUDE -67.208840

* NORTH LATITUDE 71.853906
* SOUTH LATITUDE 25.946713
* EXTENT CONTAINS THE RESOURCE Yes
EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -19847421.360200
* EAST LONGITUDE -7481653.845600
* SOUTH LATITUDE 2992482.615800
* NORTH LATITUDE 11700761.561000
* EXTENT CONTAINS THE RESOURCE Yes

Spatial Reference

ARCGIS COORDINATE SYSTEM
* TYPE Projected
* GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
* PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
* COORDINATE REFERENCE DETAILS
PROJECTED COORDINATE SYSTEM
WELL-KNOWN IDENTIFIER 102100
X ORIGIN -20037700
Y ORIGIN -30241100
XY SCALE 10000
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 3857
WELL-KNOWN TEXT PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS
["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID
["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER
["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER
["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]
REFERENCE SYSTEM IDENTIFIER
* VALUE 3857
* CODESPACE EPSG
* VERSION 8.2.6

Spatial Data Properties

VECTOR
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only
GEOMETRIC OBJECTS
FEATURE CLASS NAME marine_oil_gas_wells
* OBJECT TYPE point
* OBJECT COUNT 54521
ARCGIS FEATURE CLASS PROPERTIES
FEATURE CLASS NAME marine_oil_gas_wells
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 54521
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Distribution

DISTRIBUTION FORMAT
* NAME File Geodatabase Feature Class
TRANSFER OPTIONS
* TRANSFER SIZE 0.000

Fields

DETAILS FOR OBJECT marine_oil_gas_wells
* TYPE Feature Class
* ROW COUNT 54521
FIELD OBJECTID
* ALIAS OBJECTID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0

- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.
- * DESCRIPTION SOURCE
Esri
- * DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

FIELD API_Number

- * ALIAS API_Number
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
The unique 12 character number assigned to each wellbore.
- DESCRIPTION SOURCE
BSEE

FIELD Operator

- * ALIAS Operator
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Well Operator
- DESCRIPTION SOURCE
BSEE

FIELD Well_Name

- * ALIAS Well_Name
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Well Name
- DESCRIPTION SOURCE
BSEE

FIELD Type_Code_

- * ALIAS Type_Code_
- * DATA TYPE String
- * WIDTH 30
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Well Type
- DESCRIPTION SOURCE
BSEE

FIELD Depth

- * ALIAS Depth
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
The water depth in feet at the wellbore surface location.
- DESCRIPTION SOURCE
BSEE

FIELD Shape

- * ALIAS Shape
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.
- * DESCRIPTION SOURCE
Esri
- * DESCRIPTION OF VALUES
Coordinates defining the features.

FIELD Spud2

* ALIAS Spud2
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Date when the wellbore was spudded.

DESCRIPTION SOURCE

BSEE

FIELD Well_No_

* ALIAS Well_No_
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Well Number

DESCRIPTION SOURCE

BSEE

FIELD Status_Des

* ALIAS Status_Des
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Well Status

DESCRIPTION SOURCE

BSEE

FIELD Completion

* ALIAS Completion
* DATA TYPE Date
* WIDTH 8
* PRECISION 0
* SCALE 0

Metadata Details

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2017-01-03

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

METADATA STYLE FGDC CSDGM Metadata

CREATED IN ARCGIS FOR THE ITEM 2016-12-15 11:14:37

LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-01-03 10:58:40

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2017-01-03 10:54:23