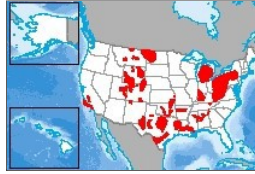


Tight Oil and Shale Gas Plays in the U.S.



Tags

Energy map tight oil shale gas plays resources

Summary

General areas for shale plays in the U.S. Source: U.S. Energy Information Administration based on data from various published studies. Updated March 2019.

Description

There is no description for this item.

Credits

There are no credits for this item.

Use limitations

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Extent

West -121.147890 East -74.826925
North 49.000000 South 27.489075

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 Tight Oil and Shale Gas Plays in the U.S.

PRESENTATION FORMATS * digital map

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 10.6.1.9270

ARC GIS ITEM PROPERTIES

* NAME shale_gas_plays_v3
* SIZE 0.000
* LOCATION
* ACCESS PROTOCOL Local Area Network

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -121.147890

* EAST LONGITUDE -74.826925

* NORTH LATITUDE 49.000000

* SOUTH LATITUDE 27.489075

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -13486121.425480

* EAST LONGITUDE -8329695.219351

* SOUTH LATITUDE 3184709.218441

* NORTH LATITUDE 6274861.393837

* EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

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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 -21940362.558060005
Y ORIGIN -30241100
XY SCALE 144381166.92744523
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 8.8(9.3.1.2)

Spatial Data Properties

VECTOR
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only
GEOMETRIC OBJECTS
FEATURE CLASS NAME shale_gas_plays_v3
* OBJECT TYPE composite
* OBJECT COUNT 49

ARCGIS FEATURE CLASS PROPERTIES
FEATURE CLASS NAME shale_gas_plays_v3
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 49
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Distribution

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

Fields

DETAILS FOR OBJECT shale_gas_plays_v3
* TYPE Feature Class
* ROW COUNT 49
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 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 Basin
* ALIAS Basin
* DATA TYPE String
* WIDTH 20
* PRECISION 0
* SCALE 0

Field **Lithology**
* ALIAS **Lithology**
* DATA TYPE **String**
* WIDTH **150**
* PRECISION **0**
* SCALE **0**

Field **Shale_play**
* ALIAS **Shale_play**
* DATA TYPE **String**
* WIDTH **30**
* PRECISION **0**
* SCALE **0**

Field **Area_sq_mi**
* ALIAS **Area_sq_mi**
* DATA TYPE **Double**
* WIDTH **8**
* PRECISION **0**
* SCALE **0**

Field **Age_shale**
* ALIAS **Age_shale**
* DATA TYPE **String**
* WIDTH **20**
* PRECISION **0**
* SCALE **0**

Field **Shape_Area**
* ALIAS **Shape_Area**
* DATA TYPE **Double**
* WIDTH **8**
* PRECISION **0**
* SCALE **0**
* FIELD DESCRIPTION
Area of feature in internal units squared.

* DESCRIPTION SOURCE
Esri

* DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

Field **Shape_Leng**
* ALIAS **Shape_Leng**
* DATA TYPE **Double**
* WIDTH **8**
* PRECISION **0**
* SCALE **0**

Field **Shape_Length**
* ALIAS **Shape_Length**
* DATA TYPE **Double**
* WIDTH **8**
* PRECISION **0**
* SCALE **0**
* FIELD DESCRIPTION
Length of feature in internal units.

* DESCRIPTION SOURCE
Esri

* DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

Field **Area_sq_km**
* ALIAS **Area_sq_km**
* DATA TYPE **Double**
* 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 **2019-05-17**

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 **2019-05-15 15:15:30**
LAST MODIFIED IN ARCGIS FOR THE ITEM **2019-05-17 15:28:09**

AUTOMATIC UPDATES

HAVE BEEN PERFORMED **Yes**
LAST UPDATE **2019-05-17 15:27:49**

Thumbnail and Enclosures

THUMBNAIL
THUMBNAIL TYPE **JPG**