science for a changing world 145° 140° U.S. Department of the Interior U.S. Geological Survey Map of Assessed Continuous (Unconventional) Oil Resources in the United States, 2014 U.S. Geological Survey National Assessment of Oil and Gas Resources Team, and Laura R.H. Biewick, compiler 2015 Southwestern Wyoming Province Hanna Basin Niobrara Continuous-Oil AU UNITED STATES Niobrara Continuous-Oil AU 0 10 20 MILES Denver **Paradox Basin Province Cane Creek** Shale-Oll AU **Uinta-Piceance Basin Province** Deep Uinta Overpressured Continuous-Oil AU 0 10 20 MILES Gothic, Chimney Rock, Hovenweep Shale-Oil AU 0 20 40 MILES 0 20 40 KILOMETERS PACIFIC OCEAN **Northern Alaska Province** Shublik Continuous-Oil AU Kingak Continuous-Oil AU Brookian Continuous-Oil AU 0 20 40 MILES 0 20 40 KILOMETERS <u>175° 170° 165° 160° 155° 150° 145° 140° 135°</u> Northern Alaska Province 0.94 BBO ` -Alaska Albers Equal Area Conic Projection Central Meridian: -154.0 Standard Parallel 1: 55.0 Standard Parallel 2: 65.0

Latitude of origin: 50.0 Datum: North American Datum

130°

Shaded relief from U.S. Geological Survey, The National Map, published 2007 at *http://nationalmap.gov/* Bathymetry from ETOPO1, NOAA Technical Memorandum NESDIS NGDC–24 (Amante and Eakins, 2009)

125°

0 50 100 MILES

115°

0 50 100 KILOMETERS

Albers Equal Area Conic Projection, Central Meridian: -96.0 Standard Parallel 1: 29.5, Standard Parallel 2: 45.5 Latitude of origin: 23.0 Datum: North American Datum 1983

120°



Abstract

The U.S. Geological Survey (USGS) conducts quantitative assessments of potential oil and gas resources of the onshore United States and associated coastal State waters. Since 2000, the USGS has completed assessments of continuous (unconventional) resources in the United States based on geologic studies and analysis of well-production data and has compiled digital maps of the assessment units classified into four categories: shale gas, tight gas, coalbed gas, and shale oil or tight oil (continuous oil). This is the fourth digital map product in a series of USGS

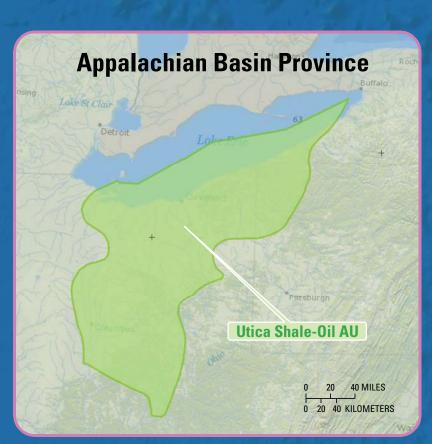
unconventional oil and gas resource maps; its focus being shale-oil or tight-oil (continuous-oil) assessments. The map plate included in this report can be printed in hardcopy form or downloaded in a Geographic Information System (GIS) data package, which includes an ArcGIS ArcMap document (.mxd), geodatabase (.gdb), and a published map file (.pmf). Supporting geologic studies of total petroleum systems and assessment units, as well as studies of the methodology used in the assessment of continuous-oil resources in the United States, are listed with hyperlinks in table 1.

Access to Report

This entire publication is available online at the USGS web site: http:/pubs.usgs.gov/dds/dds-069/dds-069-jj/ or http://dx.doi.org/10.3133/ds69jj and on CD-ROM by contacting: eteamdisks@usgs.gov.

Access to Assessment Results

Comprehensive geologic studies, supporting data, and reports on the methodology used in assessing undiscovered oil and gas resources in the United States are available at the USGS Central Energy Resources Science Center website: http://energy.usgs.gov/OilGas/AssessmentsData/NationalOilGasAssessment.aspx Project Chief: Christopher J. Schenk



Explanation

Mean Continuous-Oil Resource Estimates— Undiscovered, technically recoverable billion barrels of oil (BBO)

Continuous (unconventional) oil assessment units-

background.

75°

Merged on contiguous U.S. map. On inset maps, outlined and labeled with green text on a light green

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70°

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