

Table 1. Publications access table – Hyperlinks to USGS shale gas assessment publications and web pages

Gas Shale	Age	Province	USGS National Oil and Gas Assessment Publications			USGS National Oil and Gas Assessment Website	
Antrim Shale	Late Devonian	Michigan Basin		Assessment of Undiscovered Oil and Gas Resources of the U.S. Portion of the Michigan Basin, 2004 (Swezey and others, 2005)		Undiscovered Oil and Gas Resources Underlying the U.S. Portions of the Great Lakes, 2005 (Coleman and others, 2006)	Michigan Basin
Appalachian Devonian shales	Middle Devonian to Mississippian	Appalachian Basin		Assessment of Undiscovered Oil and Gas Resources of the Appalachian Basin Province, 2002 (Milici and others, 2003)		Assessment of Appalachian Basin Oil and Gas Resources: Devonian Shale-Middle and Upper Paleozoic Total Petroleum System (Milici and Swezey, 2006)	Appalachian Basin
Barnett Shale	Mississippian	Bend Arch–Fort Worth Basin		Assessment of Undiscovered Oil and Gas Resources of the Bend Arch-Fort Worth Basin Province of North-Central Texas and Southwestern Oklahoma, 2003 (Pollastro and others, 2004b)		Total Petroleum System Assessment of Undiscovered Resources in the Giant Barnett Shale Continuous (unconventional) Gas Accumulation, Fort Worth Basin, Texas (Pollastro, R.M., 2007)	Bend Arch-Fort Worth Basin
		Permian Basin		Assessment of Undiscovered Oil and Gas Resources of the Permian Basin Province of West Texas and Southeast New Mexico, 2007 (Schenk and others, 2008)			Permian Basin
Brookian Shale	Cretaceous	Northern Alaska		Assessment of Potential Oil and Gas Resources in Source Rocks of the Alaska North Slope, 2012 (Houseknecht and others, 2012).			Alaska North Slope
Cane Creek Shale	Pennsylvanian	Paradox Basin		Assessment of Undiscovered Oil and Gas Resources in the Paradox Basin Province, Utah, Colorado, New Mexico, and Arizona, 2011 (Whidden and others, 2012)			Paradox Basin
Caney Shale	Mississippian	Arkoma Basin		Assessment of Undiscovered Natural Gas Resources of the Arkoma Basin Province and Geologically Related Areas (Houseknecht and others, 2010)			Arkoma Basin
Chattanooga Shale	Late Devonian, Early Mississippian						
Eagle Ford Shale	Cretaceous	Gulf Coast Mesozoic		Assessment of Undiscovered Oil and Gas Resources in Jurassic and Cretaceous Strata of the Gulf Coast, 2010 (Dubiel and others, 2011)		Assessment of Undiscovered Oil and Gas Resources in Conventional and Continuous Petroleum Systems in the Upper Cretaceous Eagle Ford Group, U.S. Gulf Coast Region, 2011 (Dubiel and others, 2012)	Gulf Coast Basins
Fayetteville Shale	Mississippian	Arkoma Basin		Assessment of Undiscovered Natural Gas Resources of the Arkoma Basin Province and Geologically Related Areas (Houseknecht and others, 2010)			Arkoma Basin
informal Gothic, Hovenweep and Chimney Rock shales	Pennsylvanian	Paradox Basin		Assessment of Undiscovered Oil and Gas Resources in the Paradox Basin Province, Utah, Colorado, New Mexico, and Arizona, 2011 (Whidden and others, 2012)			Paradox Basin
Haynesville shale (also known informally as the Haynesville/Bossier)	Late Jurassic	Gulf Coast Mesozoic		Assessment of Undiscovered Oil and Gas Resources in Jurassic and Cretaceous Strata of the Gulf Coast, 2010 (Dubiel and others, 2011)			Gulf Coast Basins
Marcellus Shale	Middle Devonian	Appalachian Basin		Assessment of Undiscovered Oil and Gas Resources of the Devonian Marcellus Shale of the Appalachian Basin Province, 2011 (Coleman and others, 2011)		U.S. Geological Survey Information Relevant to the U.S. Geological Survey Assessment of the Middle Devonian Marcellus Shale of the Appalachian Basin Province, 2011 (USGS Marcellus Shale Assessment Team, 2011)	Appalachian Basin
New Albany Shale	Late Devonian, Early Mississippian	Illinois Basin		Assessment of Undiscovered Oil and Gas Resources of the Illinois Basin, 2007 (Swezey and others, 2007)			Illinois Basin
Niobrara Chalk (Marl, Shale)	Late Cretaceous	Denver Basin		2002 USGS Assessment of Oil and Gas Resource Potential of the Denver Basin Province of Colorado, Kansas, Nebraska, South Dakota, and Wyoming (Higley and others, 2003)		Petroleum Systems and Assessment of Undiscovered Oil and Gas in the Denver Basin Province, Colorado, Kansas, Nebraska, South Dakota, and Wyoming—USGS Province 39 (Higley, 2007)	Denver Basin
Pearsall Shale	Early Cretaceous	Gulf Coast Mesozoic		Assessment of Undiscovered Oil and Gas Resources in Jurassic and Cretaceous Strata of the Gulf Coast, 2010 (Dubiel and others, 2011)			Gulf Coast Basins
Shublik Shale	Triassic	Northern Alaska		Assessment of Potential Oil and Gas Resources in Source Rocks of the Alaska North Slope, 2012 (Houseknecht and others, 2012).			Alaska North Slope
Thirteen Finger Limestone-Atoka Shale	Pennsylvanian	Anadarko Basin		Assessment of Undiscovered Oil and Gas Resources of the Anadarko Basin Province of Oklahoma, Kansas, Texas, and Colorado, 2010 (Higley and others, 2011)		Undiscovered Petroleum Resources for the Woodford Shale and Thirteen Finger Limestone-Atoka Shale Assessment Units, Anadarko Basin (Higley, 2011)	Anadarko Basin
Utica Shale	Late Ordovician	Appalachian Basin		Assessment of Undiscovered Oil and Gas Resources of the Ordovician Utica Shale of the Appalachian Basin Province, 2012 (Kirschbaum and others, 2012)		Assessment of Appalachian Basin Oil and Gas Resources: Utica-Lower Paleozoic Total Petroleum System (Ryder, 2008)	Appalachian Basin
Woodford Shale	Late Devonian-Early Mississippian	Arkoma Basin		Assessment of Undiscovered Natural Gas Resources of the Arkoma Basin Province and Geologically Related Areas (Houseknecht and others, 2010)			Arkoma Basin
		Anadarko Basin		Assessment of Undiscovered Oil and Gas Resources of the Anadarko Basin Province of Oklahoma, Kansas, Texas, and Colorado, 2010 (Higley and others, 2011)		Undiscovered Petroleum Resources for the Woodford Shale and Thirteen Finger Limestone-Atoka Shale Assessment Units, Anadarko Basin (Higley, 2011)	Anadarko Basin
		Permian Basin		Assessment of Undiscovered Oil and Gas Resources of the Permian Basin Province of West Texas and Southeast New Mexico, 2007 (Schenk and others, 2008)			Permian Basin