

March 2014

Bibliography of Caney Shale

Brian J. Cardott
Oklahoma Geological Survey

- Adigwe, E.N., 2012, Nitrogen isotopes as indicators of depositional environments: case of the Caney and Woodford shales in the Arkoma Basin, Oklahoma, USA: Stillwater, Oklahoma State University, unpublished M.S. thesis.
- Andrews, R.D., 2003, Cromwell play in southeastern Oklahoma: OGS Special Publication 2003-2, 87 p. (describes False Caney)
- Andrews, R.D., 2007, Stratigraphy, production, and reservoir characteristics of the Caney Shale in southern Oklahoma: *Shale Shaker*, v. 58, p. 9-25.
- Andrews, R.D., 2012, My favorite outcrop—Caney Shale along the south flank of the Arbuckle Mountains, Oklahoma: *Shale Shaker*, v. 62, p. 273-276.
- Barrick, J.E., J.N. Haywa-Branch, and D.J. Over, 1990, Stop 6: Woodford Shale (Late Devonian-Early Mississippian), pre-Weldon Shale, Weldon Limestone, and basal Caney Shale (Mississippian); Hass G section, *in* S.M. Ritter, ed., Early and middle Paleozoic conodont biostratigraphy of the Arbuckle Mountains, southern Oklahoma: OGS Guidebook 27, p. 23-25.
- Boardman, D., and J. Puckette, 2006, Stratigraphy and paleontology of the Upper Mississippian Barnett Shale of Texas and Caney Shale of southern Oklahoma: OGS Open-File Report 6-2006, 86 p.
- Cardott, B.J., 1994, Thermal maturity of surface samples from the Frontal and Central belts, Ouachita Mountains, Oklahoma, *in* N.H. Suneson and L.A. Hemish, eds., Geology and resources of the eastern Ouachita Mountains Frontal belt and southeastern Arkoma basin, Oklahoma: OGS Guidebook 29, p. 271-276. (Caney Shale, samples 32-34, p. 273)
- Cardott, B.J., 2005, Overview of unconventional energy resources of Oklahoma, *in* B.J. Cardott, ed., Unconventional energy resources in the southern Midcontinent, 2004 symposium: Oklahoma Geological Survey Circular 110, p. 7-18.
- Champlin, S.C., 1958, The problem of the Welden, Sycamore and lower Caney in the eastern Arbuckle Mountains: Proceedings of the Oklahoma Academy of Science, p. 120-124. http://digital.library.okstate.edu/OAS/oas_pdf/v39/p120_124.pdf
- Craig, L.C., and C.W. Connor, eds., 1979, Paleotectonic investigations of the Mississippian System in the United States: U.S. Geological Survey Professional Paper 1010, 559 p.
- Elias, M.K., 1956, Upper Mississippian and Lower Pennsylvanian formations of south-central Oklahoma: AAPG Petroleum Geology of Southern Oklahoma, v. 1, p. 56-134.
- Elias, M.K., and C.C. Branson, 1959, Type section of the Caney Shale: OGS Circular 52, 24 p.
- Frezon, S.E., and L. Jordan, 1979, Oklahoma, *in* L.C. Craig and C.W. Connor, eds., Paleotectonic investigations of the Mississippian System in the United States: U.S. Geological Survey Professional Paper 1010, p. 146-159.
- Girty, G.H., 1909, The fauna of the Caney Shale of Oklahoma: U.S. Geological Survey Bulletin 377, 106 p.
- Ham, W.E., 1973, Regional geology of the Arbuckle Mountains, Oklahoma: Oklahoma Geological Survey Special Publication 73-3, 61 p. (Caney Shale, p. 9)

- Harris, R.W., Jr., 1971, Palynology of the Sand Branch Member of the Caney Shale Formation (Mississippian) of southern Oklahoma: Norman, University of Oklahoma, unpublished PhD dissertation 216 p.
- Hendrick, S.J., 1992, Vitrinite reflectance and deep Arbuckle maturation at Wilburton field, Latimer County, Oklahoma, *in* K.S. Johnson and B.J. Cardott, eds., Source rocks in the southern Midcontinent, 1990 symposium: OGS Circular 93, p. 176-184.
- Huffman, G.G., T.A. Hart, L.J. Olson, J.D. Currier, and R.W. Ganser, 1978, Geology and mineral resources of Bryan County, Oklahoma: Oklahoma Geological Survey Bulletin 126, 113 p. (Caney Shale, p. 56)
- Huffman, G.G., K.F. Bridges, R.W. Ganser, A.M. Holtzman, Jr., and M.L. Merritt, 1987, Geology and mineral resources of Marshall County, Oklahoma: Oklahoma Geological Survey Bulletin 142, 126 p. (Caney Shale, p. 58)+
- Jacobi, D., J. Breig, B. LeCompte, M. Kopal, G. Hursan, F. Mendez, S. Bliven, and J. Longo, 2009, Effective geochemical and geomechanical characterization of shale gas reservoirs from the wellbore environment: Caney and the Woodford Shale: Society of Petroleum Engineers, Annual Technical Conference and Exhibition, SPE 124231, 20 p.
- Kamann, P.J., 2006, Surface-to-subsurface correlation and lithostratigraphic framework of the Caney Shale (including the "Mayes" Formation) in Atoka, Coal, Hughes, Johnston, Pittsburg, and Pontotoc Counties, Oklahoma: Stillwater, Oklahoma, Oklahoma State University, unpublished M.S. thesis, 259 p.
- Kleehammer, R.S., 1991, Conodont biostratigraphy of Late Mississippian shale sequences, south-central Oklahoma: Norman, University of Oklahoma, unpublished M.S. thesis, 135 p.
- Laudon, R.B., 1958, Chesterian and Morrowan rocks in the McAlester Basin of Oklahoma; OGS Circular 46, 30 p.
- Laudon, R.B., 1959, Some age relationships of Chesterian and Morrowan rocks in eastern Oklahoma, *in* L.M. Cline, W.J. Hilseweck, and D.E. Feray, eds., The geology of the Ouachita Mountains, a symposium: Dallas Geological Society and Ardmore Geological Society, p. 122-129.
- Magoon, A.M., 2011, Sequence stratigraphic framework of the Caney Shale, Arkoma Basin southeastern Oklahoma: Norman, University of Oklahoma, unpublished M.S. thesis, 97 p.
- Maughan, T.J., 2006, Gas occurrences in the Caney Shale, McIntosh County, Oklahoma: Norman, OK, University of Oklahoma, unpublished M.S. thesis, 85 p.
- Maughan, T.J., and D. Deming, 2006, Gas occurrence in the Caney Shale, part 1: OCGS Shale Shaker, v. 57, p. 77-89.
- Maughan, T.J., and D. Deming, 2006, Gas occurrence in the Caney Shale, part 2, conclusion: OCGS Shale Shaker, v. 57, p. 119-135.
- Miser, H.D., and C.W. Honess, 1927, Age relationship of the Carboniferous rocks of the Ouachita Mountains of Oklahoma and Arkansas: Oklahoma Geological Survey Bulletin 44, 28 p. (Caney Shale, p. 11-12, 14, 17-18, 23-27)
- Monaghan, P.T., 1985, The stratigraphy of the Mississippian-Pennsylvanian shale sequence of southern Oklahoma: Waco, Baylor University, unpublished B.S. thesis, 52 p.
- Orgren, A.H., 1979, Lithostratigraphy and depositional environments of the Pitkin Limestone and Fayetteville Shale (Chesterian) in portions of Wagoner, Cherokee, and Muskogee Counties, Oklahoma: Norman, University of Oklahoma, unpublished M.S. thesis, 144 p.

- Quan, T.M., E.N. Adegwe, N. Riedinger, and J. Puckette, 2013, Evaluating nitrogen isotopes as proxies for depositional environmental conditions in shales: Comparing Caney and Woodford shales in the Arkoma Basin, Oklahoma: *Chemical Geology*, v. 360-361, p. 231-240.
- Schad, S.T., 2004, Hydrocarbon potential of the Caney Shale in southeastern Oklahoma: Tulsa, OK, University of Tulsa, unpublished M.S. thesis, 576 p.
- Schulte, D., R.L. Neman, and D. Johnston, 1989, Concretions in the Delaware Creek Formation: *Shale Shaker*, v. 39, p. 120.
- Schwartzapfel, J.A., 1990, Biostratigraphic investigations of Late Paleozoic (Upper Devonian to Mississippian) radiolaria within the Arbuckle Mountains and Ardmore Basin of south-central Oklahoma: Dallas, Texas, unpublished PhD dissertation, University of Texas, 475 p.
- Steele, K.F., and G.C. Lamb, 1977, Geochemistry of the Fayetteville Shale, northwestern Arkansas: *Oklahoma Geology Notes*, v. 37, p. 47-55.
- Sutherland, P.K., 1981, Mississippian and Lower Pennsylvanian stratigraphy in Oklahoma: *OGS Oklahoma Geology Notes*, v. 41, p. 3-22.
- Sutherland, P.K., 1988, Late Mississippian and Pennsylvanian depositional history in the Arkoma basin area, Oklahoma and Arkansas: *GSA Bulletin*, v. 100, p. 1787-1802.
- Tomlinson, C.W., 1959, Best exposures of various strata in Ardmore basin, 1957, in J.W. Mayes, and others, eds., *Petroleum geology of southern Oklahoma*, v. 2: AAPG, p. 302-334. (Caney Shale, p. 324-325)
- Ulrich, E.G., 1927, Fossiliferous boulders in the Ouachita "Caney" Shale and the age of the shale containing them: *Oklahoma Geological Survey Bulletin* 45, 48 p.
- Weber, J.L., 1992, Organic matter content of outcrop samples from the Ouachita Mountains, Oklahoma, in K.S. Johnson and B.J. Cardott, eds., *Source rocks in the southern Midcontinent, 1990 symposium: Oklahoma Geological Survey Circular* 93, p. 347-352.
- Whiteside, J.R., and R.C. Grayson, Jr., 1990, Carboniferous conodont faunas, northern Ouachita Mountains, Oklahoma: *Oklahoma Geological Survey, Special Publication* 90-1, p. 149-167. (Caney Shale, p. 151)
- Zachry, D.L., Jr., 1964, The lithology of the Fayetteville black shale: Fayetteville, University of Arkansas, unpublished M.S. thesis, 81 p.