

**Bibliography of Oklahoma Solid Hydrocarbons**

**Brian J. Cardott**  
**Oklahoma Geological Survey**

- Abraham, H., 1960, *Asphalts and allied substances* (sixth edition, 5 volumes): New York, Van Nostrand Company, Inc.
- Beach, J.O., 1945, Oklahoma asphaltite deposits: Oklahoma Geological Survey, *The Hopper*, v. 5, p. 51-60.
- Beach, J.O., 1947, Asphaltite of the Ouachita Mountains: *Proceedings of the Oklahoma Academy of Science*, v. 27, p. 91-92.
- Burrough, H.C., 1960, Surface geology of the Jumbo quadrangle, Pushmataha County, Oklahoma: Norman, University of Oklahoma, unpublished M.S. thesis, 131 p.
- Campbell, J.A., 1990, Stop 11, Waldrop Ranch grahamite deposit, *in* N.H. Suneson, J.A. Campbell, and M.J. Tilford, eds., *Geology and resources of the frontal belt of the western Ouachita Mountains, Oklahoma*: Oklahoma Geological Survey, Special Publication 90-1, p. 67-70.
- Cardott, B.J., N.H. Suneson, and C.A. Ferguson, 1989, The Page impsonite mine, Le Flore County, Oklahoma: Oklahoma Geological Survey, *Oklahoma Geology Notes*, v. 49, p. 32-39.
- Cardott, B.J., 1991, Organic petrology of epi-impsonite at Page, Oklahoma, U.S.A.: *Organic Geochemistry*, v. 17, p. 185-191.
- Cardott, B.J., T.E. Ruble, and N.H. Suneson, 1993, Nature of migrabitumen and their relation to regional thermal maturity, Ouachita Mountains, Oklahoma, *in* F. Goodarzi and R.W. Macqueen, eds., *Geochemistry and petrology of bitumen with respect to hydrocarbon generation and mineralization: Energy Sources*, v. 15, p. 239-267.
- Crane, W.R., 1906, Asphaltic coals in the Indian Territory—forms of the deposits—methods of prospecting and mining: *Mines and Minerals*, v. 26, p. 252-255.
- Curiale, J.A., and W.E. Harrison, 1981, Correlation of oil and asphaltite in Ouachita Mountain region of Oklahoma: *AAPG Bulletin*, v. 65, p. 2426-2432.
- Curiale, J.A., 1982, Economic geology of Pushmataha County, geochemical analyses of hydrocarbon occurrences in Pushmataha County, *in* W.D. Pitt, R.O. Fay, L.R. Wilson, and J.A. Curiale, *Geology of Pushmataha County, Oklahoma*: Eastern New Mexico University Studies in Natural Sciences, Special Publication 2, p. 58-60.
- Curiale, J.A., 1983, Petroleum occurrences and source-rock potential of the Ouachita Mountains, southeastern Oklahoma: Oklahoma Geological Survey, *Bulletin* 135, 65 p.
- Curiale, J.A., W.E. Harrison, and G. Smith, 1983, Sterane distribution of solid bitumen pyrolyzates. Changes with biodegradation of crude oil in the Ouachita Mountains, Oklahoma: *Geochimica et Cosmochimica Acta*, v. 47, p. 517-523.
- Curiale, J.A., W.E. Harrison, and G. Smith, 1984, Hydrocarbon occurrences in the Frontal and Central Ouachita Mountains, Oklahoma, *in* J.G. Borger, II, ed., *Technical Proceedings of the 1981 AAPG Mid-Continent Regional Meeting*: Oklahoma City Geological Society, p. 90-115.

- Curiale, J.A., 1986, Origin of solid bitumens, with emphasis on biological marker results: *Organic Geochemistry*, v. 10, p. 559-580.
- Curiale, J.A., 1988, Biological markers in grahamites and pyrobitumens, *in* T.F. Yen and J.M. Moldowan, eds., *Geochemical biomarkers*: New York, Harwood Academic Publishers, p. 1-24.
- Curiale, J.A., 1993, Occurrence and significance of metals in solid bitumens: an organic geochemical approach, *in* J. Parnell, H. Kucha, and P. Landais, eds., *Bitumens in ore deposits*: New York, Springer-Verlag, p. 461-474.
- Eldridge, G.H., 1901, The asphalt and bituminous rock deposits of the United States: U.S. Geological Survey 22<sup>nd</sup> Annual Report, Part 1, p. 209-464.
- Fay, R.O., 1982, Asphaltite deposits in Pushmataha County, *in* W.D. Pitt, R.O. Fay, L.R. Wilson, and J.A. Curiale, *Geology of Pushmataha County, Oklahoma*: Eastern New Mexico University Studies in Natural Sciences, Special Publication 2, p. 46-58.
- Fay, R.O., 1985, Ouachita Mountains field trip: Oklahoma City Geological Society Shale Shaker, v. 35, no. 3, p. 64-73.
- Finkelman, R.B., and B.J. Cardott, 1993, Trace-element content of solid hydrocarbons from Oklahoma: Oklahoma Geological Survey, Oklahoma Geology Notes, v. 53, p. 136-143.
- Ham, W.E., 1956, Asphaltite in the Ouachita Mountains: Oklahoma Geological Survey, Mineral Report 30, 12 p.
- Hendricks, T.A., M.M. Knechtel, and J. Bridge, 1937, Geology of Black Knob Ridge, Oklahoma: AAPG Bulletin, v. 21, p. 1-29.
- Honess, C.W., 1923, Geology of the southern Ouachita Mountains of Oklahoma, part 2: Oklahoma Geological Survey Bulletin 32, 76 p. (asphaltite, p. 51-52)
- Howell, J.V., and P.L. Lyons, 1959, Oil and gas possibilities of the Ouachita province, *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. 57-61.
- Hunt, J.M., 1979, *Petroleum geochemistry and geology*: San Francisco, W.H. Freeman Co., 617 p.
- Hutchison, L.L., 1911, Preliminary report on the rock asphalt, asphaltite, petroleum and natural gas in Oklahoma: Oklahoma Geological Survey, Bulletin 2, 256 p.
- Jacob, H., 1975, Mikroskopphotometrische analyse naturlicher fester erdolbitumina, *in* B. Alpern, ed., *Petrographie de la matiere organique des sediments, relations avec la paleotemperature et le potentiel petrolier*: Paris, Editions du Centre National de la Recherche Scientifique, p. 103-113.
- Jacob, H., and H. Wehner, 1981, Mikroskopphotometrische analyse disperser festbitumina in sedimenten: Deutsche Gesellschaft fur Mineralogiewissenschaft und Kohlechemie, DGMK-Projekt 232, 257 p.
- Jacob, H., 1985, Disperse solid bitumens as an indicator for migration and maturity in prospecting for oil and gas: *Erdol & Kohle Erdgas Petrochemie*, v. 38, p. 365.
- Jacob, H., 1989, Classification, structure, genesis and practical importance of natural solid oil bitumen ("migrabitumen"): *International Journal of Coal Geology*, v. 11, p. 65-79.

- Jacob, H., 1993, Nomenclature, classification, characterization, and genesis of natural solid bitumen (migrabitumen), *in* J. Parnell, H. Kucha, and P. Landais, eds., Bitumens in ore deposits: New York, Springer-Verlag, p. 11-27.
- Johnson, R.H., Jr., 1959, Geology of Medicine Springs area, Pushmataha County, Oklahoma, *in* Petroleum geology of southern Oklahoma, v. 2: AAPG, p. 287-301.
- Jordan, L., 1964, Petroleum-impregnated rocks and asphaltite deposits of Oklahoma: Oklahoma Geological Survey Map GM-8.
- Krivanek, C.M., 1962, Aerial geology of Lane NE quadrangle, Pushmataha and Atoka Counties, Oklahoma: Oklahoma City Geological Society Shale Shaker, v. 12, no. 7, p. 2-21. (University of Oklahoma M.S. thesis, 1961)
- Landis, C.R., and J.R. Castano, 1994, Maturation and bulk chemical properties of a suite of solid hydrocarbons: Organic Geochemistry, v. 22, p. 137-149.
- McCollough, E.L., 1954, The geology of the Finley area, Pushmataha County, Oklahoma: Norman, University of Oklahoma, unpublished M.S. thesis, 48 p.
- Ruble, T.E., and R.P. Philp, 1992, A reevaluation of the geochemical characteristics of solid bitumens from the Ouachita Mountains, Oklahoma: Oklahoma Geological Survey, Circular 93, p. 337-342.
- Ruble, T.E., M.D. Lewan, and B.J. Cardott, 1999, Uinta basin solid hydrocarbons: new data and new insights: TSOP Newsletter, v. 16, no. 3, p. 13-16.
- Shannon, C.W., 1914, Mineral resources of Oklahoma and statistics of production from 1901 to 1914: Oklahoma Geological Survey Bulletin 22, part 2, p. 57-142. (uses of grahamite in Oklahoma, p. 100-102)
- Shead, A.C., 1929, Chemical analyses of Oklahoma mineral raw materials: Oklahoma Geological Survey Bulletin 14, 138 p. (chemical analyses of asphaltites, p. 32-33, 93)
- Taff, J.A., 1899, An albertite-like asphalt in the Choctaw Nation, Indian Territory: American Journal of Science, 4<sup>th</sup> Series, v. 8, p. 219-224.
- Taff, J.A., 1909, Grahamite deposits of southeastern Oklahoma, *in* C.W. Hayes and W. Lindgren, Contributions to economic geology 1908: U.S. Geological Survey, Bulletin 380, p. 286-297.