

David L. Carr

Professional Summary

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Professional Preparation

Academic Background

M.A. Geology, The University of Texas at Austin, 1983

B.S. Geology, Colorado State University, Fort Collins, 1980

Professional Appointments

Present Position: Research Scientist Associate, Bureau of Economic Geology, The University of Texas at Austin (August 2007 - Present). Responsible for initiating regional analysis of Gulf of Mexico sandstone reservoirs in Corpus Christi Bay area.

Senior Geologist, Brigham Exploration Company, Austin, Texas (August 2006 - July 2007). Co-leader of the geological side of Brigham's Powder River Basin (Wyoming) exploration/exploitation team.

Senior Geologist, Matador Resources Company, Dallas, Texas (April 2004 - July 2006). Joined start-up exploration company as prospect generator on Upper Gulf Coast team with focus on Hackberry and Yegua trends centered on Orange County, Texas.

Geoscience Consultant, Austin, Texas (1995 - 2004). Involved in a wide variety of e & p projects that included log analysis, depositional systems and sequence stratigraphy, structural analysis and mapping, seismic interpretation, recommending drilling locations, training and technology transfer, including oral presentations and written reports.

Research Scientist Associate, Bureau of Economic Geology, The University of Texas at Austin (1993 - 1995). Worked on multidisciplinary team performing a detailed reservoir characterization of the Boonsville Bend Conglomerate (Atoka) beneath a 30 mi² 3-D seismic survey. Coordinated many of the geological/technical aspects of the project with industry partners and subcontractors under a GRI-DOE contract to produce methodologies that increased gas reserves in mature fields.

Geoscience Consultant, Denver, Colorado (1990 - 1993). Involved in a variety of coalbed methane and gas-storage reservoir characterization projects that included log analysis, depositional systems and sequence stratigraphy, structural analysis and mapping, oral presentations and written reports.

Exploration geologist, Tenneco Oil Co., Englewood, Colorado (1986 - 1989). Exploration and production tasks in Rocky Mountain basins.

Geologist, Amoco Production Company, Denver, Colorado (1986 - 1989). Exploration in the U.S. Mid-continent and Rockies.

Research Scientist, James Cook University, Queensland, Australia (1986 - 1989). Marine sedimentology and seismic stratigraphy of Great Barrier Reef shelf.

Professional Registrations and Certificates

Texas Board of Professional Geoscientists Certified Geologist #6395

Areas of Expertise

Areas of Expertise

Clastic sedimentology

Integrated reservoir characterization

Underground gas storage

Awards

Awards and Honorary Societies

2012 BEG Publication Award: BEG Report of Investigations No. 275, 2012

Co-author, A.I. Levorsen Memorial Award, Southwest Section AAPG, 2001

Presentations

Invited Presentations

Wolfberry and Wolfbone Resource Assessment: Outcrop and Core to Geocellular Models and Economic Outlooks: presented to West Texas Geological Society, presented at 2018 West Texas Geological Society Fall Symposium: A Decade of Shale, Midland, Tex., September 26-27, 2018.

Advances in Obtaining Optimum Well Results in Permian Basin Tight Oil Resource Plays: presented to American Business Conferences, presented at Permian Basin Frac Design & New Completions Technologies 2018, Houston, Tex., July 19-20, 2018.

Resource Assessment, Data, Analytics in Making Better Decisions: presented to American Business Conferences, presented at Horizontal Drilling Efficiency Congress, Houston, Tex., May 16-17, 2018.

Presentations

Poster: An integrated approach to basin-scale resource assessment of unconventional reservoirs: presented to Society of Exploration Geophysicists (SEG) / American Association of Petroleum Geologists (AAPG), presented at Image'23, Houston, Tex., August 25-September 1, 2023.

Initial Reservoir Pressure and Fluid PVT Properties Evaluation to be used for Fluid in Place Estimation - Midland Basin: presented to Bureau of Economic Geology, The University of Texas at Austin, presented at TORA Spring Sponsors Meeting, Bureau of Economic Geology, Austin, Tex., June 15, 2022.

Pennsylvanian-Leonardian Stratigraphic Architecture and Deformation History During and Post Late Paleozoic Orogenesis, East Delaware Basin, West Texas: presented at The American Association of Petroleum Geologists 2020 Annual Convention and Exhibition, Houston, Tex. (virtual), September 29-October 1, 2020.

Activities of a Professional Nature

Professional Societies

American Association of Petroleum Geologists

Society of Exploration Geophysicists

Society of Independent Professional Earth Scientists

Publications

Peer Reviewed Journal Articles

Carr, D. L., Wallace, K. J., Yang, C., and Nicholson, A. J., 2016, CO₂ capacity sectors in Miocene strata of the offshore Texas State Waters: *GCAGS Journal*, v. 5, p. 130-140.

Carr, D. L., Wallace, K. J., Yang, C., and Nicholson, A. J., 2016, CO₂ sequestration capacity sectors in Miocene strata of the Offshore Texas State Waters: *Gulf Coast Association of Geological Societies Journal*, v. 5, p. 130-140.

Wallace, K. J., Meckel, T., Carr, D. L., Treviño, R. H., and Yang, C., 2014, Regional CO₂ sequestration capacity assessment for the coastal and offshore Texas Miocene interval: *Greenhouse Gases Science and Technology*, v. 4, p. 53-65, <http://doi.org/10.1002/ghg.1380>

Hentz, T. F., Ambrose, W. A., and Carr, D. L., 2012, Reservoir systems of the Pennsylvanian lower Atoka Group (Bend Conglomerate), northern Fort Worth Basin, Texas: high-resolution facies distribution, structural controls on sedimentation, and production trends: *AAPG Bulletin*, v. 96, no. 7, p. 1301-1332.

Ambrose, W. A., Hentz, T. F., Carr, D. L., and Sprowl, J., 2011, Oil- and gas-production plays and trends in the Pennsylvanian Marmaton Group and Cleveland Formation, Anadarko Basin, North Texas and western Oklahoma, in Ambrose, W. A., ed., *Sequence stratigraphy, depositional systems, and hydrocarbon play analysis of the Pennsylvanian Cleveland Formation and Marmaton Group, Anadarko Basin, North Texas and western Oklahoma: The University of Texas at Austin, Bureau of Economic Geology, Report of Investigations No. 275*, p. 67-98.

Hardage, B. A., Carr, D. L., Lancaster, D. E., Simmons, J. L., Jr., Elphick, R. Y., Pendleton, V. M., and Johns, R. A., 2001, 3-D seismic evidence of the effects of carbonate karst collapse on overlying clastic stratigraphy and reservoir compartmentalization, in Graebner, R., Hardage, B., and Schneider, W., eds., *3-D seismic exploration: Tulsa, Society of Exploration Geophysicists, SEG Geophysics Reprint Series*, p. 673-687.

Bryant, I., Carr, D. L., Cirelli, P., Drinkwater, N., McCormick, D., Tilke, J., and Thurmond, J., 2000, Use of 3-D digital analogues as templates in reservoir modeling: *Petroleum Geoscience*, v. 6, p. 195-201.

Hardage, B. A., Carr, D. L., Lancaster, D. E., Simmons, J. L., Jr., Elphick, R. Y., Pendleton, V. M., and Johns, R. A., 1996, 3-D seismic evidence of the effects of carbonate karst collapse on overlying clastic stratigraphy and reservoir compartmentalization: *Geophysics*, v. 61, no. 5, p. 1336-1350.

Hardage, B. A., Carr, D. L., Lancaster, D. E., Simmons, J. L., Jr., Hamilton, D. S., Elphick, R. Y., Oliver, K. L., and Johns, R. A., 1996, 3-D seismic imaging and seismic attribute analysis of genetic sequences deposited in low-accommodation conditions: *Geophysics*, v. 61, no. 5, p. 1351-1362.

Lancaster, D. E., Hardage, B. A., Carr, D. L., Hamilton, D. S., Elphick, R. Y., and Fate, T., 1996, Integrated applications for infield reserve growth in Mid-continent gas reservoirs, Boonsville field, Fort Worth Basin, Texas: *Society of Petroleum Engineers, Paper No. 35629*, 11 p.

Carr, D. L., and Scott, A. J., 1990, Late Pennsylvanian storm dominated shelf sand ridges, Sacramento Mountains, New Mexico: *Journal of Sedimentary Petrology*, v. 60, p. 592-607.

Carr, D. L., 1985, Depositional trends in upper Paleozoic terrigenous clastic rocks, Sacramento Mountains, New Mexico: *The Mountain Geologist*, v. 22, p. 17-27.

Peer Reviewed Book Chapters

Carr, D. L., and Rhatigan, C. H., 2017, Chapter 6: Field-scale example of a potential CO₂ sequestration site in Miocene sandstone reservoirs, Brazos Block 440-L Field, in Trevino, R. H. and Meckel, T. A., eds., *Geological CO₂ sequestration atlas of Miocene strata, offshore Texas state waters: Austin, Tex., Bureau of Economic Geology, Report of Investigations, no. 283*, p. 47-56, <http://doi.org/10.23867/RI0283D>.

Carr, D. L., Wallace, K. J., Nicholson, A. J., and Yang, C., 2017, Chapter 5: Regional CO₂ static capacity estimate, offshore Miocene saline aquifers, Texas state waters, in Trevino, R. H. and Meckel, T. A., eds., Geological CO₂ sequestration atlas of Miocene strata, offshore Texas state waters: Austin, Tex., Bureau of Economic Geology, Report of Investigations, no. 283, p. 37-46, <http://doi.org/10.23867/RI0283D>.

Lu, J., Carr, D. L., Treviño, R. H., Rhatigan, J.-L. T., and Fifariz, R., 2017, Chapter 3: Evaluation of lower Miocene confining units for CO₂ storage, offshore Texas state waters, northern Gulf of Mexico, USA, in Trevino, R. H. and Meckel, T. A., Geological CO₂ sequestration atlas of Miocene strata, offshore Texas state waters: Austin, Tex., Bureau of Economic Geology, Report of Investigations, no. 283, p. 14-25, <http://doi.org/10.23867/RI0283D>.

Oldenburg, C. M., Nicot, J.-P., Jordan, P. D., Zhang, Y., Pan, L., Houseworth, J. E., Meckel, T., Carr, D. L., and Bryant, S. L., 2015, Chapter 32: Health, safety, and environmental risk assessment of geologic carbon sequestration: Overview of the certification framework, example application, and selected special studies 2010-2014, in Karl F. Gerdes, ed., Carbon dioxide capture for storage in deep geologic formations--Results from the CO₂ Capture Project, Volume 4: CCS Technology Development and Demonstration Results (2009-2014): UK, CPL Press, p. 569-592.

Non Peer Reviewed Journal Articles

Nicot, J.-P., Meckel, T., Carr, D. A., and Oldenburg, C.M., 2014, Impact of induced seismic events on seal integrity, Texas Gulf Coast: Energy Procedia, 12th International Conference on Greenhouse Gas Control Technologies, v. 63, p. 4807-4815, <http://doi.org/10.1016/j.egypro.2014.11.511>.

Meckel, T., Treviño, R. H., Carr, D. L., Nicholson, A. J., and Wallace, K., 2012, Offshore CCS in the northern Gulf of Mexico and the significance of regional structural compartmentalization: Energy Procedia, 11th International Conference on Greenhouse Gas Control Technologies, v. 37, p. 4526-4532, <http://doi.org/10.1016/j.egypro.2013.06.359>.

Carr, D. L., 2009, Old hard rock, in Laubach, S. E., and Tinker, S. W., eds., 2009, Earth's art: celebrating the Centennial of the Bureau of Economic Geology, 1909-2009: The University of Texas at Austin, Bureau of Economic Geology, p. 90-91.

Bonnaffe, Florence, Hammes, Ursula, Carr, D. L., and Brown, L. F., Jr., 2008, High-resolution sequence stratigraphic correlations of the Oligocene Frio Formation in south Texas, in Gulf Coast Association of Geological Societies Transactions, v. 58, p. 125-142.

Carr, D. L., Elphick, R. Y., Johns, R. A., and Foulk, L. S., 1997, High-resolution reservoir characterization of Midcontinent sandstones using wireline resistivity imaging, Boonsville (Bend Conglomerate) Gas Field, Fort Worth Basin, Texas: The Log Analyst, v. 38, p. 54-70.

Elphick, R. Y., Carr, D. L., Johns, R. A., and Lancaster, D., 1996, A deterministic method for calculating facies from wireline logs: The Log Analyst, v. 37, no. 2, p. 14-25.

Hardage, B. A., Carr, D. L., and Simmons, J. L., Jr., 1996, Integration of sequence stratigraphy and 3-D seismic imaging in low-accommodation basins, in Pacht, J. A., Sheriff, R. E., and Perkins, B. F., eds., Stratigraphic analysis utilizing advanced geophysical, wireline and borehole technology for petroleum exploration and production: GCSSEPM Foundation 17th Annual Research Conference, Gulf Coast Section, Society of Economic Paleontologists and Mineralogists, p. 125-131.

Hardage, B. A., Carr, D. L., and Simmons, J. L., Jr., 1995, 3-D seismic impact on integrated team study of Midcontinent gas reservoirs, in MESA Technology Conference: Boulder, Green Mountain Geophysics, Inc., p. 1-4.

Levey, R. A., Tyler, Noel, Hardage, B. A., Carr, D. L., Ruthven, C. L., Lancaster, D. E., Elphick, R. Y., and Ballard, J. R., 1994, Secondary natural gas recovery: targeted technology applications for infield reserve growth in Midcontinent sandstone: In Focus--Tight Gas Sands, v.

10, no. 1, p. 39-42.

Kelso, B. S., Leel, W. G., Jr., and Carr, D. L., 1991, Coalbed methane resource and producibility potential of the Rock Springs Formation, Great Divide Basin, Sweetwater County, Wyoming, in Coalbed Methane of Western North America, Rocky Mountain Association of Geologists, 1991 Field Conference Guidebook, p. 201-208.

Pulich, W. J., Jr., White, W. A., Castiglione, Marie, and Zimmerman, R. J., 1991, Status of submerged vegetation in the Galveston Bay system, in Shipley, F. S., and Kiesling, R. W., eds., Proceedings: Galveston Bay characterization workshop: The Galveston Bay National Estuary Program, Publication GBNEP-6: p. 127-132.

Non Peer Reviewed Book Chapters

Carr, D. L., 2017, Appendix A: Regional cross sections, Miocene strata of the offshore Texas state waters, in Trevino, R. H., and Meckel, T. A., eds., Geological CO₂ sequestration atlas for Miocene strata offshore Texas state waters: Austin, Tex., Bureau of Economic Geology, Report of Investigations, no. 283, <http://doi.org/10.23867/RI0283D>.

Guidebooks

Brown, L. F., Jr., Ambrose, W. A., Hentz, T. F., and Carr, D. L., 2018, Guidebook to the Pennsylvanian System of North-Central Texas: Bureau of Economic Geology, Jackson School of Geosciences and the Austin Geological Society, Field Trip Guidebook, 49 p.

Brown, L. F., Jr., Ambrose, W. A., and Carr, D. L., 2009, Supplement to Guidebook 14: The University of Texas at Austin 34 p. + figs.

Contract Reports

Treviño, R. H., Meckel, T., Carr, D. L., Yang, C., Lu, J., Mickler, P., Wallace, K. J., Nicholson, A. J., Bangs, N. L., Hornbach, M. J., Mulcahy, F. J., and Martinez, N., 2015, Gulf of Mexico Miocene CO₂ site characterization mega transect: Final report (revised) prepared for U.S. Department of Energy National Energy Technology Laboratory and Texas General Land Office, under contract no. DE-FE0001941 and GLO contract no. 10-205-000-4100, 583 p.

Ambrose, W. A., Smith, D. C., Cutright, B. L., Scanlon, B. R., Reedy, R. C., Elliott, B. A., Paine, J. G., Foss, M. M., Tremblay, T. A., Wolaver, B. D., Loucks, R. G., Frébourg, G., Hentz, T. F., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., E. L. Frost, III, Hamlin, H. S., Nance, H. S., Duncan, I. J., Hammes, U., Rogers, H., Clift, S. J., Sivil, J. E., Zhang, T., Reed, R. M., Baumgardner, R. W., Jr., Eastwood, R., Breton, C., Rowe, H. D., Carr, D. L., Dunlap, D. B., Gale, J. F. W., and Peng, S., 2014, State of Texas Advanced Resource Recovery (STARR) progress report: Bureau of Economic Geology, Biennium prepared for Texas State Comptroller of Public Accounts, 90 p.

Nuñez-López, V., Hovorka, S. D., Carr, D. L., Sun, A. Y., and Smyth, R. C., 2014, Above-zone monitoring plan report for the West Ranch CO₂ EOR oilfield: Final Report prepared for NRG Energy Company, Petra Nova LLC, under contract no. 4501477652, 17 p.

Nicot, J. -P., Meckel, T. A., Carr, D. L., Costley, R., Zeidouni, M., Oldenburg, C. M., Fifariz, R., and Osmond, J., 2013, Critical Topics in Geologic Carbon Sequestration. Topic 1.1.1: Induced Seismicity and Topic 2.1.1: Storage Capacity: The University of Texas at Austin, Bureau of Economic Geology, contract report prepared for CO₂ Capture Project (CCP) Phase III, 35 p.

Carr, D. L., Brown, T. O., Zahid, K., and Hovorka, S. D., 2012, Permian Basin CO₂ sequestration potential of Permian strata, Permian Basin, West Texas: The University of Texas at Austin, Bureau of Economic Geology, status report prepared for USGS-Capacity COTSA, 13 p.

Carr, D. L., Treviño, R. H., Meckel, T., Breton, C., Yang, C., and Miller, Erin, 2011, Secarb "early" test, task 15: evaluation of offshore transport and storage of CO₂: unpublished preliminary report prepared for U.S. Dept. of Energy, National Energy Technology Lab, under

contract no. DE-FC26-05NT42590, 19 p.

Hardage, B. A., Carr, D. L., Finley, R. J., Lancaster, D. E., Elphick, R. Y., and Ballard, J. R., 1995, Secondary natural gas recovery: targeted applications for infield reserve growth in Midcontinent reservoirs, Boonsville field, Fort Worth Basin, Texas: The University of Texas at Austin, Bureau of Economic Geology, topical report prepared for Gas Research Institute, under contract no. 5093-212-2630, report no. GRI-95, variously paginated [600 p.], 2 vols.

Hardage, B. A., Carr, D. L., Finley, R. J., Lancaster, D. E., Elphick, R. Y., and Ballard, J. R., 1995, Secondary natural gas recovery: targeted applications for infield reserve growth in Midcontinent reservoirs, Boonsville field, Fort Worth Basin, Texas: The University of Texas at Austin, Bureau of Economic Geology, topical report the U.S. Department of Energy, under contract no. DE-FG21-88MC25031, report no. 0454.1 and 2, variously paginated [600 p.], 2 vols.

Course Notes

Hardage, B. A., Carr, D. L., Lancaster, D. E., and Elphick, R. Y., 1995, Using new concepts and modern technologies to evaluate Bend Conglomerate reservoirs: The University of Texas at Austin, Bureau of Economic Geology, short course prepared on behalf of the Gas Research Institute, U.S. Department of Energy, and the State of Texas, unpaginated.

Published Reports

Ambrose, W. A., Rogers, H., Smith, D. C., Scanlon, B. R., Paine, J. G., Nicot, J.-P., Young, M. H., Loucks, R. G., Hentz, T. F., Reed, R. M., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Flaig, P. P., Zhang, J., Hattori, K., Roberts, A., Zeng, H., DeJarnett, B. B., Radjef, E., Periwai, P., Peng, S., Duncan, I. J., Ren, B., Jensen, J., Male, F., Dommissie, R., Eastwood, R., Carr, D. L., Zhang, T., Ko, L., Larson, T., Lawton, T., Covault, J., Sylvester, Z., Goodman, E., Calle, A., Smye, K. G., Pelletier, I., Dunlap, D. B., Lambert, J., and Sivil, J. E., 2021, State of Texas Advanced Resource Recovery (STARR) 2018-2020 biennium report: The University of Texas at Austin, Bureau of Economic Geology 44 p.

Ambrose, W. A., Smith, D. C., Hentz, T. F., Loucks, R. G., Reed, R. M., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Hamlin, H. S., Duncan, I. J., Carr, D. L., Ko, L., Peng, S., Jensen, J., Rogers, H., Clift, S. J., Sivil, J. E., Zhang, T., Eastwood, R., and Brooks, D. L., 2019, State of Texas Advanced Resource Recovery (STARR) progress report: The University of Texas at Austin, Bureau of Economic Geology 43 p.

Ambrose, W. A., Smith, D. C., Hentz, T. F., Loucks, R. G., Reed, R. M., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Hamlin, H. S., Duncan, I. J., Carr, D. L., Ko, L., Peng, S., Rogers, H., Clift, S. J., Sivil, J. E., Zhang, T., Eastwood, R., and Brooks, D. L., 2018, State of Texas Advanced Resource Recovery (STARR) interim report: Bureau of Economic Geology, The University of Texas at Austin, 26 p.

Ambrose, W. A., Smith, D. C., Young, M. H., Scanlon, B. R., Reedy, R. C., Collins, E. W., Elliott, B. A., Wolaver, B. D., Paine, J. G., Hentz, T. F., Frébourg, G., Loucks, R. G., Reed, R. M., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Duncan, I. J., Rogers, H., Clift, S. J., Foss, M. M., Sivil, J. E., Zhang, T., Baumgardner, R. W., Jr., Eastwood, R., Breton, C., Brooks, D. L., Rowe, H. D., Carr, D. L., Dunlap, D. B., Gale, J. F. W., He, Y., Ko, L., Phelps, R., and Peng, S., 2016, State of Texas Advanced Resource Recovery (STARR) progress report: Bureau of Economic Geology, Biennium prepared for Texas State Comptroller of Public Accounts: 82 p.

Ambrose, W. A., Smith, D. C., Cutright, B. L., Scanlon, B. R., Reedy, R. C., Elliott, B. A., Paine, J. G., Foss, M. M., Tremblay, T. A., Wolaver, B. D., Loucks, R. G., Frébourg, G., Hentz, T. F., Ogiesoba, O. C., Olariu, M. I., Fu, Q., Zeng, H., Frost, E. L., III, Hamlin, H. S., Nance, H. S., Duncan, I. J., Hammes, U., Rogers, H., III, Clift, S. J., Sivil, J. E., Zhang, X., Reed, R. M., Baumgardner, R. W., Jr., Eastwood, R., Breton, C., Brooks, D. L., Rowe, H. D., Carr, D. L., Dunlap, D. B., Gale, J. F. W., and Peng, S., 2014, State of Texas Advanced Resource Recovery progress report and CD-ROM: Bureau of Economic Geology, The University of Texas at

Austin, 90 p.

Hardage, B. A., Simmons, J. L., Jr., Lancaster, D. E., Elphick, R. Y., Edson, Rick, and Carr, D. L., 1996, Boonsville 3-D seismic data set: a technology transfer product generated as part of the Secondary Gas Recovery Project: The University of Texas at Austin, Bureau of Economic Geology, supported by the Gas Research Institute, U.S. Department of Energy, and the State of Texas, GRI-96/0182, 40 p. + 2 disks, 1 tape.

Workshop Workbooks

Flaig, P. P., Hattori, K., Ambrose, W. A., Fu, Q., DeJarnett, B. B., Ko, L., Radjef, E., Carr, D. L., Hasiotis, S., Ogiesoba, O. C., and Moscardelli, L., 2021, Core Workshop: Mixed Carbonate-Siliciclastic Reservoir Systems of the Strawn Group: Focus - Upper Strawn, King and Stonewall Counties, Texas: STARR.

Brown, L. F., Jr., Ambrose, W. A., and Carr, D. L., 2010, Supplement to Guidebook 14: The University of Texas at Austin, Bureau of Economic Geology, 34 p.

Carr, D. L., Hentz, T. F., Ambrose, W. A., Ambrose, W. A., Potter, E., and Clift, S. J., 2009, Sequence stratigraphy, depositional systems, and production trends in the Atoka Series and Mid-Pennsylvanian Cleveland and Marmaton Formations, western Anadarko Basin: core workshop: The University of Texas at Austin, Bureau of Economic Geology, Workshop Workbook, No. SW0019, variously paginated.

Published Abstracts

Fairhurst, B., Ikonnikova, S., Dommissie, R., Hamlin, H. S., Carr, D. L., Eastwood, R., Gherabati, A., Male, F., Browning, J., Gülen, G., del Carpio Neyra, V., Vankov, E., and Yurchenko, I., 2018, Wolfberry and Wolfbone resource assessment: outcrop and core to geocellular models and economic outlooks (abs.): West Texas Geological Society, Fall Symposium: A Decade of Shale, v. 18, p. 23-24.

Jordan-Leigh, T., Carr, D. L., Meckel, Timothy, and Treviño, R. H., 2013, The Miocene petroleum system, northern Gulf of Mexico Basin: Implications for CO₂ sequestration in offshore Texas State Waters (abs.): in American Association of Petroleum Geologists Annual Convention and Exhibition, Pittsburgh, Pennsylvania, May 19-22, abstracts, CD-ROM.

Meckel, T., Treviño, R. H., Carr, D. L., Nicholson, A., and Wallace, K., 2013, Offshore CCS in the northern Gulf of Mexico and the significance of regional structural compartmentalization (ext. abs.): Energy Procedia, v. 37, p. 4526-4532, <http://doi.org/10.1016/j.egypro.2013.06.359>.

Wallace, K., Meckel, Timothy, Miller, E., Carr, D. L., and Treviño, R. H., 2013, Use of 3-dimensional dynamic modeling of CO₂ injection for comparison to regional static capacity assessments of Miocene sandstone reservoirs in the Texas State Waters, Gulf of Mexico (abs.): in American Association of Petroleum Geologists Annual Convention and Exhibition, Pittsburgh, Pennsylvania, May 19-22, abstracts, CD-ROM.

Meckel, T., Treviño, R. H., Carr, D. L., and Young, M. H., 2011, Gulf of Mexico Miocene CO₂ site characterization mega transect (abs.): presented at the Association of American State Geologists National Meeting, Dubuque, Iowa.

Meckel, Timothy, Carr, D. L., and Treviño, R. H., 2010, An offshore carbon repository in Miocene strata under Texas State Waters, Gulf of Mexico Basin: initial results (abs.): Gulf Coast Association of Geological Societies Transactions, v. 60, p. 815.

Ali, Walaa, Gale, J. F. W., Ruppel, S. C., Carr, D. L., and Loucks, R. G., 2009, Lithofacies, depositional environment, burial history, and calculation of organic richness from wireline logs: a study of the Barnett Shale in the Delaware Basin, Pecos Co., West Texas, and comparison with the Barnett Shale in the Fort Worth Basin (abs.): American Association of Petroleum Geologists Annual Convention, v. 18, p. 8.

Carr, D. L., and Hentz, T. F., 2009, Sequence stratigraphy and organic richness of the Lower

Pennsylvanian Series, northwest Anadarko Basin, Texas and Oklahoma panhandle (abs.): American Association of Petroleum Geologists Annual Convention, v. 18, p. 36.

Hammes, Ursula, and Carr, D. L., 2009, Sequence stratigraphy, depositional environment, and possible extent of the Haynesville Shale, East Texas (abs.): Houston Geological Society Mudrock Conference, Houston, February.

Hammes, Ursula, and Carr, D. L., 2009, Sequence stratigraphy, depositional environments, and production fairways of the Haynesville Shale-Gas play in East Texas (abs.): American Association of Petroleum Geologists Annual Convention, v. 18, p. 85.

Hentz, T. F., Ambrose, W. A., and Carr, D. L., 2009, Sequence stratigraphic and depositional settings of highstand deltaic and lowstand valley-fill deposits of the Middle and Upper Pennsylvanian Cleveland and Marmaton tight-gas sandstones, northwest Anadarko Basin (abs.): American Association of Petroleum Geologists Annual Convention, v. 18, p. 93.

Bonnaffe, Florence, Hammes, Ursula, Carr, D. L., and Brown, L. F., Jr., 2008, High-resolution sequence stratigraphic correlations of the Oligocene Frio Formation in south Texas (abs.), in Gulf Coast Association of Geological Societies.

Hammes, Ursula, Carr, D. L., and Loucks, R. G., 2008, New insights into regional sequence stratigraphic correlations of the Oligocene Frio Formation in South Texas (abs.): AAPG 2008 Annual Convention and Exhibition Abstracts Volume, v. 17, p. 74.

Carr, D. L., Taner, M. T., and Mitchell, J. T., 2000, Using a hybrid seismic attribute to differentiate lithologies and facies in a deltaic system, Texas Gulf Coast, U.S.A. (ext. abs.), American Association of Petroleum Geologists International Conference & Exhibition, Bali, Indonesia, October 15-18

Holtz, M. H., and Carr, D. L., 2000, Reduction of "greenhouse gas" emissions through underground CO₂ sequestration in Texas oil and gas reservoirs (ext. abs.), in American Association of Petroleum Geologists International Conference & Exhibition, Bali, Indonesia, October 15-18

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