

Christopher Zahm

Publications

July 31, 2008

Business address: The University of Texas at Austin
Bureau of Economic Geology
P.O. Box X, University Station
Austin, Texas 78714-8924
(512) 471-3159

E-mail address: chris.zahm@beg.utexas.edu

Publications

Guidebooks

- Kerans, Charles, Bellian, J. A., Phelps, R. M., and Zahm, C., 2007, Cretaceous reservoir heterogeneity styles: facies to fractures: The University of Texas at Austin, Bureau of Economic Geology RCRL Field Trip Guidebook, 135 p.
- Zahm, C., Hennings, P. H., Ersley, E. A., and Hurley, N. F., 2001, Beyond the cross-section: 3D deformation of classic foreland structures, Wyoming, *in* AAPG 2001 Annual Meeting: American Association of Petroleum Geologists Field Trip Guidebook, 146 p.

Articles

- Zahm, C. K., Marrett, R., and Sharp, J. M., Jr., 1998, Prediction of regional groundwater flow and permeability anisotropy using fractured outcrop exposures, Edwards aquifer, central Texas, *in*: Brahana, J. V., Eckstein Y., Ongley L. K., Schneider, R., Moore J. E., eds., Proceedings, Joint meeting of the XXVIII Congress of the International Association of Hydrogeologists and the Annual Meeting of the American Institute of Hydrologists, v. 28, p. 697-705.

Abstracts

- Hennings, P. H., Pujasmadi, H., Alley, H., Zahm, C., Reid, R., and Lozada, T., 2006, Relationship between active deformation, stress heterogeneity, and fracture permeability in the Suban gas field of South Sumatra, Indonesia (abs.), *in* American Association of Petroleum Geologists International Conference, Perth Australia.
- Hennings, P. H., Krieger, F. W., Sanner, D., Zahm, C., Reid, R., and Lozada, T., 2006, Bayu-Undan-modeling permeability enhancement in fault damage zones (abs.), *in* American Association of Petroleum Geologists International Conference, Perth Australia.
- Zahm, C., Bellian, J. A., and Hennings, P. H., 2006, Impact of carbonate stratigraphy on fracture development in fault damage zones, central Texas (abs.): American Association of Petroleum Geologists Annual Convention, v. 15, p. 119.
- Zahm, C., Hennings, P. H., and Enderlin, M., 2005, Fracture prediction in fault damage zones using elastic dislocation models: a carbonate outcrop example from central Texas (abs.), *in* International American Association of Petroleum Geologists Meeting, Paris, France.
- Hurley, N. F., Zahm, C., Raba'a, A., and Karadavut, A., 2004, Fractured reservoir modeling in a foreland-basin anticline: From outcrop to flow simulation (abs.), *in* American Association of Petroleum Geologists Hedberg Research Conference— Carbonate Reservoir Characterization and Simulation: From Facies to Flow Units, El Paso, p. 24.
- Meng, H.-Z., Sonnenfeld, M., Uland, M., Canter, K. L., Wingate, T. P., Bush, J., Kosco, K., Simon, M., Pluim, S., Tupman, B., Zahm, L., Zahm, C., and Caldwell, D. H., 2003, Construction and

- Validation of an Integrated 3D Reservoir Characterization Geomodel for Reservoir Management at Seminole San Andres Unit (abs.), *in* CEED C02 Forum, Midland, Texas.
- Zahm, C., Hennings, P. H., Raba'a, A., Hurley, N. F., and Ersley, E. A., 2003, The use of 3D strain in outcrop to predict subsurface reservoir compartmentalization, southern Bighorn basin, Wyoming (abs.), Annual AAPG-SEPM Meeting, Salt Lake City, p.A187
- Zahm, C., 2001, Deformation in ductile strata: implications for reservoir compartmentalization within foreland structures (ext. abs.), *in* Kluth, C., ed., RMAG-PTTC Structural Traps and Fractured Reservoirs of the Rocky Mountain Region, extended abstracts, p. 38–44.
- Ersley, E. A., Hennings, P. H., and Zahm, C., 2001, Kinematics and structural closure of basement-involved anticlines in the central Rocky Mountains Petroleum Province (abs.), *in* American Association of Petroleum Geologists Annual International Convention, Denver, p. A58
- Gardner, M. H., Sunkanto, J., Zahm, C., Anderson, D., and Borer, J. M., 2001, The beheading of a rift: Stratigraphic and structural evidence for oblique right-lateral offset of the Asri and Sunda Basins, Sunda Shelf, Indonesia (abs.), *in* American Association of Petroleum Geologists Annual International Convention, Denver, p. A70
- Zahm, C., and Hennings, P. H., 2000, Kinematics of tear faulting in structurally attenuated strata, Thermopolis Anticline, Wyoming (abs.), *in* Geological Society of America Abstracts with Programs, Reno, Nevada, p. 415.
- Zahm, C., 2000, Tear faulting as a result of forelimb attenuation, Thermopolis anticline, Wyoming (abs.): American Association of Petroleum Geologists Bulletin, v. 84, no. 11, p.1798.
- Zahm, C., 1999, Mechanics of tear faulting in anticlinal folds, southern Bighorn basin, Wyoming (ext. abs.): American Association of Petroleum Geologists Bulletin, v. 83, no. 11, pg. 1899-1900.
- Halihan, T., Zahm, C. K., Tsoflias, G., Mace, R., and Sharp, J. M., Jr., 1998, Current research at the University of Texas at Austin (abs.), *in* Conference on Hydrogeologic Issues, Adelaide, Australia, p. 17.
- Zahm, C., and Marrett, R., 1998, Regional permeability estimates from fracture apertures in outcrop, Edwards Aquifer, Central Texas (abs.), *in* Muldoon, M. A., and Bradbury, K., eds., SEPM Conference on Fluid Flow in Carbonates, Door County, Wisconsin, p. 36.
- Zahm, C. K., and Sharp, J. M., Jr., 1998, Fracture roughness from stream loss, Edwards aquifer, central Texas (abs.): Geological Society of America Abstracts with Programs, Toronto, Canada, p. 222.