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¹Denver, Colorado

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BRANCH OF PETROLEUM GEOLOGY

1992 BIBLIOGRAPHY

- (O) Agena, W.F., Hutchinson-Gove, D.R., Lee, M.W., and Oliver, H.L., 1992, Demultiplexing and archiving the Teledyne-multichannel seismic reflection data set; lines TD-1 through TD-6: U.S. Geological Survey Open-File Report 92-10, 17 p.
- (P) Ahlbrandt, T.S., 1992, Unconventional resources--Are they in our future? *in* Carter, L.M.H., ed., USGS research on energy resources, 1992 Program and abstracts, Eighth V.F. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 1-2.
- (A) Ahlbrandt, T.S., Clayton, J.L., and Schenk, C.J., 1992, Climatic fluctuations--Possible controlling factor in source-rock and reservoir quality of Pennsylvanian cycles in Rocky Mountain basins: Geological Society of America Abstracts with Programs, v. 24, no. 7, p. A31.
- (Ad) Anders, D.E., 1992, Results of chemical analysis of oil in Upper Cretaceous Mesaverde Formation, Pilot Butte area, Wind River Reservation: U.S. Geological Survey Administrative Report prepared for the Bureau of Indian Affairs, 3 p.
- (P) Anders, D.E. Palacas, J.G., and Johnson, R.C., 1992, Thermal maturity of rocks and hydrocarbon deposits, Uinta basin, Utah, *in* Fouch, T.D., Nuccio, V.F., and Chidsey, T.C., eds., Hydrocarbon and mineral resources of the Uinta basin, Utah and Colorado: Utah Geological Association Guidebook 20, p. 53-76.
- (P) Ball, M.M., Clayton, J.L., Ulmishek, G.F., Lillis, P.G., Dolton, G.L., Daws, T.A., Mast, R.F., Warden, Augusta, Keller, Michael, Bogino, Vladamir, and Poznaikovitch, Zinovy, 1992, Petroleum geology and exploration potential of the Pripyat basin, U.S.R.R., *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 2-3.

(P) Published Paper; (O) Open-File Report; (A) Abstract; (M) Map;
(Ad) Administrative Report

- (O) Ball, M.M., Dolton, G.L., Mast, R.F., Charpentier, R.R., Henry, M.E., Robinson, Keith, Wandrey, C.J., Crovelli, R.A., Spencer, C.W., and Butler, W.C., 1992, Hydrocarbon and associated resources, *in* Bartsch-Winkler, S.B., ed., Mineral and energy resources of the BLM Roswell Resource Area, east-central New Mexico: U.S. Geological Survey Open-File Report 92-261. p. 129-148.

- (A) Barker, C.E., 1992, Calibration of the vitrinite reflectance geothermometer using an improved resolution of the peak temperature from reequilibrated fluid inclusions in burial, geothermal and contact metamorphic environments [abs.]: International Committee for Coal and Organic Petrology/The Society of Organic Petrology (ICCP/TSOP), Proceedings, p. 8-9.

- (P) Barker, C.E., 1992, Sample temperatures reached during cathodoluminescence observations--Preliminary measurement using reequilibrated fluid inclusions in calcite: Society for Luminescence Microscopy and Spectroscopy Newsletter, v. 4, no. 1, p. 3.

- (P) Barker, C.E., 1992, New plastic material for mounting polished coal pellets or slides: The Society for Organic Petrology Newsletter, v. 9, no. 2, p. 11.

- (A) Barker, C.E., Bone, Y., Duddy, I.R., Marshallsea, S.J., and Green, P.F., 1992, Peak temperature estimated from fluid inclusions and vitrinite reflectance next to a thin dike near San Remo, Victoria, Australia [abs.]: International Committee for Coal and Organic Petrology/The Society of Organic Petrology (ICCP/TSOP), Proceedings, p. 102-104.

- (A) Barker, C.E., Bone, Y., and Dalgarno, C.R., 1992, Contact metamorphism of organic matter in the Buchan Caves Limestone, Buchan Trough, Victoria [abs.]: Eleventh Australian Geology Congress, Ballarat, Victoria, February 1992. [Also, IGCP Project 294 International Symposium, November 8-20, 1991, Auckland, New Zealand].

- (A) Barker, C.E., Bone, Y., and Dalgarno, C.R., 1992, Parameters of time and heat in organic maturation--A case study from the Buchan Limestone: Geological Society of Australia, Abstracts, no. 32, p. 127-128.

- (O) Barker, C.E., and Coury, A.B., comps., 1992, Abstracts of the U.S. Geological Survey, central region; 1992 poster review: U.S. Geological Survey Open-File Report 92-391, 39 p.

- (P) Barker, C.E., Goldstein, R.H., Hatch, J.R., Walton, A.W., and Wojcik, K.M., 1992, Burial history and thermal maturation of Pennsylvanian rocks, Cherokee basin, southeastern Kansas: Oklahoma Geological Survey Circular 93, p. 299-310.

- (A) Barker, C.E. and Pawlewicz, M.J., 1992, An estimate of the minimum number of measurements needed to constrain the mean random vitrinite reflectance of disseminated organic matter [abs.]: International Committee for Coal and Organic Petrology/The Society of Organic Petrology (ICCP/TSOP), Proceedings, p. 10-11.
- (A) Barton, C.C., 1992, Fractal geometry and chaos theory--Their application in the earth sciences [abs.]: CSPG Reservoir, v. 18, no. 4, p. 1-2.
- (A) Barton, C.C., 1992, Fractal nature of hydrocarbon accumulations and price--Implications for resource assessment, exploration and development strategies, and economic forecasting, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 3.
- (A) Bird, K.J., 1992, California's onshore and offshore oil resources--Amount and distribution: American Chemical Society 203 National Meeting, Abstracts of Papers, Part II, no. 107.
- (P) Bird, K.J., 1992, California's onshore and offshore oil resources--Amount and distribution, *in* Aldag, A.W., and Reynolds, J.G., eds., Symposium on exploration, characterization and utilization of California heavy fossil fuel resources: American Chemical Society Symposia Preprints, p. 862-865.
- (A) Bird, K.J., and Collett, T.S., 1992, Sagavanirktok Formation--A new look with seismic data in the Prudhoe Bay-Kuparuk River region, Alaskan North Slope *in* Carter, L.M.H., ed., USGS research on energy resources, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 7.
- (A) Bird, K.J., Howell, D.G., Johnsson, M.J., and Magoon, L.B., 1992, Alaskan North Slope geothermics, geodynamics, and hydrology--Implications for oil and gas, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 8.
- (P) Bird, K.J., Johnsson, M.J., Howell, D.G., and Magoon, L.B., 1992, Thermal maturity mapping in Alaska: U.S. Geological Survey Yearbook Fiscal Year 1991, p. 55-57.
- (P) Bird, K.J., and Molenaar, C.M., 1992, The North Slope foreland basin, Alaska, *in* Macqueen, R.W., and Leckie, D.A., eds., Foreland basins and foldbelts: American Association of Petroleum Geologists Memoir 55, p. 363-393.

- (A) Blank, H.R., and Grow, J.A., 1992, Gravity and aeromagnetic interpretation of structure in Railroad Valley and the Grant Range, east-central Nevada, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 8-10.
- (A) Bredehoeft, J.D., Wesley, J.B., and Fouch, T.D., 1992, Origin of fluid pressure, fracture generation, and the movement of fluids in the Uinta basin, Utah, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey 1074, p. 13.
- (P) Brocculeri, Thomas, Underwood, M.B., and Howell, D.G., 1992, Petrography and provenance of sandstones from the Nation River Formation (Devonian) and the Step Conglomerate (Permian), Kandik region, east-central Alaska, *in* Bradley, D.C., and Dusel-Bacon, Cynthia, eds., Geologic studies in Alaska by the U.S. Geological Survey, 1991: U.S. Geological Survey Bulletin 2041, p. 116-124.
- (P) Burruss, R.C., Ging, T.C., Eppinger, R.G., and Samson, I.M., 1992, Laser-excited fluorescence of rare earth elements in fluorite--Initial observations with a Raman microprobe: *Geochimica et Cosmochimica Acta*, v. 56, p. 2713-2723.
- (O) Burruss, R.C., Richardson, C.K., Grossman, J.N., and Goldhaber, M.B., 1992, Regional and microscale zonation of rare earth elements in fluorite of the Illinois-Kentucky fluorspar district [abs.], *in* Goldhaber, M.B., and Eidel, J.J., eds., Mineral resources of the Illinois Basin in the context of basin evolution: U.S. Geological Survey Open-File Report 92-1, p. 6.
- (O) Butler, W.C., 1992, Elevation data for the Precambrian surface in the central and southern Colorado Plateau and vicinity: U.S. Geological Survey Open-File Report 92-194, 69 p.
- (A) Cavaroc, V.V., Flores, R.M., Nichols, D.J., and Perry, W.J., Jr., 1992, Paleocene tectono-facies relationships between the Hanna, Carbon and Cooper Lake basins, Wyoming [abs.]: *American Association of Petroleum Geologists Bulletin*, v. 76, no. 8, p. 1319.
- (O) Charpentier, R.R., and Sandberg, C.A., 1992, A Devonian/Carboniferous conodont database--Documentation and user's manual: U.S. Geological Survey Open-File Report 92-273-A, 61 p.; Open-File Report 92-273-B, two 3 1/2 inch DS/DD diskettes.

- (M) Church, S.E., Riehle, J.R., and Magoon, L.B., 1992, Mineral and energy resource assessment maps of the Mount Katmai, Natnek and western Afognak quadrangles, Alaska: U.S. Geological Survey Miscellaneous Field Studies Maps MF-2021-F.
- (P) Clarke, J.W., and Kleshchev, Konstantin, 1992, Dauletabad-Donmez field--Commonwealth of Independent States (former USSR) Amu-Dar'ya Basin, Turkmenistan/Uzbekistan, *in* Foster, N.H., and Beaumont, E.A., comps., Stratigraphic traps III: American Association of Petroleum Geologists, Treatise of Petroleum Geology, Atlas of Oil and Gas Fields, p. 285-300.
- (A) Clayton, J.L., 1992, A new approach to oil-source rock correlation--extraction of oil phase from source rocks [abs.]: American Association of Petroleum Geologists 1992 Annual Convention Program, p. 20.
- (P) Clayton, J.L., 1992, Role of microbial processes in petroleum systems, *in* Magoon, L.B., ed., Petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 16-19.
- (A) Clayton, J.L., Rice, D.D., and Stanton, R.W., 1992, Geochemical and geological controls on generation and accumulation of oil and gas from coal beds, Rocky Mountains, U.S.A. [abs.]: American Association of Petroleum Geologists 1992 Annual Convention Program, p. 83.
- (P) Clayton, J.L., Warden, Augusta, Daws, T.A., Michael, G.E., Dawson, M.P., and Lillis, P.G., 1992, Organic geochemistry of black shales, marlstones, and oils of Middle Pennsylvanian rocks from the northern Denver and southeastern Powder River basins, Nebraska, and Wyoming: U.S. Geological Survey Bulletin 1917-K, 44 p.
- (A) Cobban, W.A., Merewether, E.A., Fouch, T.D., and Obradovich, J.D., 1992, Interpretations of some Late Cretaceous shorelines in the Rocky Mountain region: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 18.
- (A) Cole, R.B., and Stanley, R.G., 1992, Alluvial-fan and lacustrine fan-delta sedimentation in west-central California during the middle Tertiary transition from subduction to transform tectonics: Geological Society of America Abstracts with Programs, v. 24, no. 7, p. A51-A52.
- (P) Collett, T.S., 1992, Potential of gas hydrates outlined: Oil and Gas Journal, v. 90, no. 25, p. 84-87.

- (A) Collett, T.S., 1992, Natural gas hydrates--A proven resource, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 14-15.
- (O) Collett, T.S., 1992, Well log evaluation of natural gas hydrates: U.S. Geological Survey Open-File Report 92-381, 31 p.
- (P) Collett, T.S., Bird, K.J., Burruss, R.C., and Lee, M.W., 1992, Gas hydrate reservoir characteristics and economics, *in* Malone, R.D., Shoemaker, H.D., and Byrer, C.W., eds., Proceedings of the natural gas research and development contractor review meeting: Morgantown, W. Va., U.S. Department of Energy, Office of Fossil Energy, Morgantown Energy Technology Center, p. 191-201. [Available from the National Technical Information Service, 5285 Port Royal Rd., Springfield VA 22161, as document DOE/METC-92/6125.]
- (A) Collett, T.S., Bird, K.J., Burruss, R.C., and Lee, M.W., 1992, Gas hydrate reservoir characteristics and economics, *in* Natural gas research and development contractors review meeting--Agenda and abstracts: Morgantown, W. Va., U.S. Department of Energy, Office of Fossil Energy, Morgantown Energy Technology Center, Abstract 4.1.
- (A) Collett, T.S., and Kvenvolden, K.A., 1992, Isotopic characterization of the methane within the gas-hydrate-bearing rock units of northern Alaska, U.S.A.: All-Russia Petroleum Scientific-Research Geological-Exploration Institute (VNIGRI) International Symposium "Unconventional Hydrocarbon Sources, Problems of Exploration and Production," Abstracts, v. 2, p. 57-58.
- (A) Corner, H.J., Davis, L.E., Dyman, T.S., and Haley, J.C., 1992, Stratigraphy, petrology, and provenance of the Upper Cretaceous Beaverhead Group, McKnight Canyon, SW Montana: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 20.
- (P) Crovelli, R.A., 1992, Probabilistic methodology for estimation of undiscovered petroleum resources in play analysis of the United States: *Nonrenewable Resources*, v. 1, no. 2, p. 153-162.
- (A) Crovelli, R.A., 1992, Probabilistic fractals applied in petroleum resource assessment [abs.]: *Operations Research Society of America/The Institute of Management Sciences Bulletin* no. 34, p. 1.
- (A) Crovelli, R.A., 1992, Fractal property of petroleum accumulations--Technically and economically recoverable size distributions: Program of Abstracts for "Fractals in Engineering" Colloquium, Montreal, Quebec, Canada, p. 78.

- (O) Crovelli, R.A., 1992, Glossary of terms for chaos, fractals, and dynamics: U.S. Geological Survey Open-File Report 92-19 , 32 p.
- (P) Crovelli, R.A. and Balay, R.H., 1992, A microcomputer program to generate lognormal probability distribution graphs for petroleum resource assessment, *in* Roberts, C.A., ed., GeoTech '92 Proceedings: Denver GeoTech, Inc., p. 58-72.
- (O) Crovelli, R.A. and Balay, R.H., 1992, APRAS--Analytic petroleum resource appraisal system--Microcomputer programs for play analysis using a field-size model: U.S. Geological Survey Open-File Report 92-21A, 28 p., and 92-21B (1 - 5 1/4" disk).
- (O) Crovelli, R.A. and Balay, R.H., 1992, A microcomputer program to generate lognormal probability distribution graphs for petroleum resource assessment, *in* Barker C.E., and Coury, A.B., comps., Abstracts of the U.S. Geological Survey, Central Region, 1992 Poster Review: U.S. Geological Survey Open-File Report 92-391, p. 16.
- (A) Crysdale, B.L., Nuccio, V.F., and Barker, C.E., 1992, Thermal history of selected areas in the Paradox basin, Utah and Colorado [abs.]: Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1257.
- (A) Crysdale, B.L., Schenk, C.J., and Meyer, R.F., 1992, Tar sands and heavy oils--Resources, recovery, and realism, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstract, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 15-16.
- (A) Cunningham, K.I., and Takahashi, K.I., 1992, Evidence for petroleum-assisted speleogenesis, Lechuguilla Cave, Carlsbad Cavern National Park, New Mexico, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and energy resources: U.S. Geological Survey Circular 1074, p. 16-17.
- (A) Davis, L.E., and Dyman, T.S., 1992, Bannock Peak Limestone (Upper Mississippian to Middle Pennsylvanian) designated as a new basal formation of the Oquirrh Group in southeast Idaho: Geological Society of America Abstracts with Programs, v. 24, no. 7, p. A359.
- (A) Dillon, W.P., and Ahlbrandt, T.S., 1992, Hydrate detection, *in* Natural gas research and development contractors review meeting--Agenda and abstracts: Morgantown, W. Va., U.S. Department of Energy, Office of Fossil Energy, Morgantown Energy Technology Center, Abstract 4.4.

- (P) Dillon, W.P., and Ahlbrandt, T.S., 1992, Hydrate detection, *in* Malone, R.D., Shoemaker, H.D., and Byrer, C.W., Proceedings of the natural gas research and development contractors review meeting: Morgantown, W. Va., U.S. Department of Energy, Office of Fossil Energy, Morgantown Energy Technology Center, p. 224-237. [Available from the National Technical Information Service, 5285 Port Royal Rd., Springfield, VA 22161, as document DOE/METC-92-6125.]
- (A) Dillon, W.P., Mast, R.F., Fehlhaber, Kristen, and Lee, M.W., 1992, Gas hydrates in deep ocean sediments, offshore southeastern United States--A future resource? *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 18-21.
- (A) Dolton, G.L., Mast, R.F., and Crovelli, R.A., 1992, Undiscovered oil and gas resources of Federal lands and waters, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 21-22.
- (P) Doveton, J.H., and Prensky, S.E., 1992, Geological applications of wireline logs--A synopsis of developments and trends: *The Log Analyst*, v. 33, no. 3, p. 286-303.
- (A) Dubiel, R.F., Good, S.C., and Schenk, C.J., 1992, Fluvial architecture and reservoir heterogeneity--Triassic and Tertiary examples from the Colorado Plateau *in* Carter, L.M.H., ed., USGS research on energy resources, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 24.
- (P) Dyman, T.S., and Ethridge, F.G., 1992, SEPM meets on Mesozoic: *Geotimes*, v. 37, no. 12, p. 6.
- (Ad) Dyman, T.S., Schmoker, J.W., Spencer, C.W., Perry, W.J., Jr., Price, L.C., Palacas, J.G., Dolton, G.L., Burruss, R.C., Keighin, C.W., Hester, T.C., Wandrey, C.J., Nielsen, D.T., Obuch, R.C., and Baird, J.K., 1992, Geologic controls and resource potential of natural gas in deep sedimentary basins in the United States: U.S. Geological Survey Administrative Report prepared for the Gas Research Institute, Contract No. 5090-260-2040, 59 p.
- (A) Edgar, T.N., and Clayton, J.L., 1992, Origin of the Challenger Knoll oil, Gulf of Mexico, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 24-26.

- (A) Fehlhaber, Kristen, Dillon, W.P., and Lee, M.W., 1992, Estimation of gas hydrate concentrations using seismic methods, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 26-27.

- (P) Flores, R.M. and Keighin, C.W., 1992, Facies and stratigraphic framework of the Lower Member of the Fort Union Formation (Paleocene), Shotgun Butte area, Wind River basin, Wyoming, *in* Sundell, K.A., and Anderson, R.C., eds., Road log volume for Rediscover the Rockies: Wyoming Geological Association, p. 48-52.

- (A) Flores, R.M., Keighin, C.W., and Keefer, W.R., 1992, Paleodepositional dip perspective of Fort Union Sandstone architecture, western Wind River basin, Wyoming [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1258.

- (P) Flores, R.M., Keighin, C.W., and Nichols, D.J., 1992, Sedimentology, conglomerate petrology, and palynostratigraphy of the Fort Union Formation (Paleocene), Castle Gardens, Wind River basin, *in* Sundell, K.A., and Anderson, T.C., eds., Road log volume for Rediscover the Rockies: Wyoming Geological Association, p. 21-27.

- (O) Foote, R.Q., Massingill, L.M., Wells, R.H., Dolton, G.L., and Ball, M.M., 1992, Geologic framework for petroleum assessment of the Western Gulf basin, Province 112: U.S. Geological Survey Open-File Report 89-450-B, 34 p.

- (A) Fouch, T.D., Dyman, T.S., Molenaar, C.M., Ethridge, F.G., and Weimer, R.J., 1992, Western Interior Cretaceous Project (WIK)--Stratigraphic transects and basin compendium: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 26-27.

- (P) Fouch, T.D., Nuccio, V.F., and Chidsey, T.C., Jr., eds., 1992, Hydrocarbon and mineral resources of the Uinta Basin, Utah and Colorado: Utah Geological Association Guidebook 20, 363 p.

- (P) Fouch, T.D., Nuccio, V.F., Osmond, J.C., MacMillan, Logan, Cashion, W.C., and Wandrey, C.J., 1992, Oil and gas in uppermost Cretaceous and Tertiary rock, Uinta basin, Utah, *in* Fouch, T.D., Nuccio, V.F., and Chidsey, T.C., Jr., eds., Hydrocarbon and mineral resources of the Uinta basin, Utah and Colorado: Utah Geological Association Guidebook 20, p. 9-47.

- (P) Fouch, T.D., Nuccio, V.F., and Rice, D.D., 1992, Review of geologic controls on natural gas in Cretaceous and Tertiary tight-sandstone reservoirs, Uinta basin, Utah and Colorado, *in* Malone, R.D., Shoemaker, H.D., and Byrer, C.W., eds, Proceedings of the natural gas research and development contractors review meeting: Morgantown, W. Va., U.S. Department of Energy, Office of Fossil Energy, and Morgantown Energy Technology Center, p. 59-75. [Available from the National Technical Information Service, 5285 Port Royal Rd., Springfield, VA 22161.]
- (A) Fouch, T.D., and Pitman, J.K., 1992, Tectonic and climate changes expressed as sedimentary and geochemical cycles--Paleogene lake systems, Utah and Colorado--Implications for petroleum source and reservoir rocks, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 29-30.
- (A) Fouch, T.D., Wandrey, C.J., Pitman, J.K., Nuccio, V.F., Schmoker, J.W., Rice, D.D., Johnson, R.C., and Dolton, G.L., 1992, Natural gas accumulations in low-permeability Tertiary and Cretaceous (Campanian and Maastrichtian) rock, Uinta Basin, Utah, *in* Natural gas research development contractors review meeting--Agenda and abstracts: Morgantown, W. Va., U.S. Department of Energy, Office of Fossil Energy, Morgantown Energy Technology Center, Abstract 1.4.
- (P) Franczyk, K.J., Fouch, T.D., Johnson, R.C., and Molenaar, C.M., 1992, Cretaceous and Tertiary paleogeographic reconstructions for the Uinta-Piceance study area: U.S. Geological Survey Bulletin, 1787-Q, 37 p.
- (A) Franczyk, K.J., Fouch, T.D., Johnson, R.C., Molenaar, C.M., and Cobban, W.A., 1992, Late Cretaceous and early Tertiary evolution of the Uinta and Piceance basins (northeastern Utah and northwestern Colorado) and associated development of hydrocarbons, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 31.
- (P) Franczyk, K.J., Fouch, T.D., Johnson, R.C., Molenaar, C.M., and Cobban, W.C., 1992, Cretaceous and Tertiary paleogeographic reconstructions for the Uinta-Piceance basin study area, Colorado and Utah: U.S. Geological Survey Bulletin 1787-Q, 37 p.
- (A) Freeman, D.H., Lewan, M.D., and Majeed, B.S., 1992, Simulating natural maturation of vanadyl porphyrins in Woodford Shale by hydrous pyrolysis: American Chemical Society Fuel Chemistry Division Book of Abstracts, Abstract 122.

- (A) Freeman, D.H., Majeed, B.S., and Lewan, M.D., 1992, Soret band porphyrin structure index, easily measured via 3rd derivative UV/VIS spectroscopy: American Chemical Society Geochemistry Division Book of Abstracts, Abstract 57.
- (P) Gautier, D.L., 1992, Oil and gas resources of the United States--The 1995 assessment: U.S. Geological Survey, Public Issues in Energy and Marine Geology, 2 p.
- (P) Güven, Necip, and Pollastro, R.M., eds., 1992, Clay-water interface and its rheological implications: The Clay Minerals Society, CMS Workshop Lectures, v. 4, 243 p.
- (A) Haley, J.C., Dyman, T.S., and Perry, W.J., Jr., 1992, Measured sections and paleotectonic interpretation of upper Frontier Formation and lower Beaverhead Group, Lima Peaks area, southwest Montana: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 28.
- (A) Hester, T.C., and Schmoker, J.W., 1992, Anadarko basin reservoir and non-reservoir sandstones--A comparison of porosity trends, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, 33-34.
- (P) Hester, T.C., Schmoker, J.W., and Sahl, H.L., 1992, Structural controls on sediment distribution and thermal maturation of the Woodford Shale, Anadarko basin, Oklahoma, *in* Johnson, K.S., and Cardott, B.J., eds., Source rocks in the southern midcontinent, 1990 Symposium: Oklahoma Geological Survey Circular 93, p. 321-326.
- (P) Hester, T.C., Schmoker, J.W., and Sahl, H.L., 1992, Tectonic controls on deposition and source-rock properties of the Woodford Shale, Anadarko basin, Oklahoma--Loading, subsidence, and forebulge development, *in* Thorman, C.H., ed., Application of structural geology to mineral and energy resources of the central and western United States: U.S. Geological Survey Bulletin 2012, p. B1-B11.
- (A) Higley, D.K., 1992, Geochemical evidence for marine transgressive deposition of the Sussex "B" Sandstone, Upper Cretaceous Cody Shale, Powder River basin, Wyoming: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 32.
- (A) Higley, D.K., 1992, Influence of paragenesis and sedimentologic heterogeneity on porosity preservation and enhancement in the Upper Cretaceous Sussex Sandstone, House Creek Field, Wyoming [abs.]: Society of Economic Paleontologists and Mineralogists Newsletter, v. 16, no. 1, p. 1.

- (P) Higley, D.K., 1992, Petrology and reservoir paragenesis in the Sussex "B" sandstone of the Upper Cretaceous Cody Shale, House Creek and Porcupine fields, Powder River basin, Wyoming: U.S. Geological Survey Bulletin 1917-G, p. G1-G16.
- (M) Higley, D.K., 1992, Map showing wells drilled to depths $\geq 10,000$ feet in the north-central Gulf Coast region: U.S. Geological Survey Oil and Gas Investigations Map OM-224-A, scale 1:1,000,000.
- (M) Higley, D.K., 1992, Map showing wells drilled to depths $\geq 20,000$ feet in the north-central Gulf Coast region: U.S. Geological Survey Oil and Gas Investigations Map OM-224-C, scale 1:1,000,000.
- (M) Higley, D.K., 1992, Map showing wells drilled to depths $\geq 15,000$ feet in the north-central Gulf Coast region: U.S. Geological Survey Oil and Gas Investigations Map OM-224-B, scale 1:1,000,000.
- (A) Higley, D.K., 1992, Effects of sedimentologic and petrologic heterogeneity on reservoir properties of the Upper Cretaceous Sussex Sandstone in the House Creek Field, Powder River basin, Wyoming, *in* Barker, C.E., and Coury, A.B., comps., Abstracts of the U.S. Geological Survey, central region, poster review: U.S. Geological Survey Open-File Report 92-391, p. 32.
- (P) Higley, D.K., Gautier, D.L., and Pawlewicz, M.J., 1992, Influence of regional heat flow variation on thermal maturity of the Lower Cretaceous Muddy ("J") Sandstone, Denver basin, Colorado *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 66-69.
- (A) Higley, D.K. and Vaughan, D.K., 1992, Distribution of porosity in three dimensions within the Upper Cretaceous Sussex Sandstone, House Creek field, Wyoming [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1260.
- (A) Howell, D.G., 1992, Collisional tectonics and the global generation of oil and gas, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 36-37.
- (P) Howell, D.G., Bird, K.J., and Cunningham, R., 1992, Compressional tectonics point to more gas reserves: World Oil, v. 213, no. 6, p. 117-120.

- (P) Howell, D.G., Bird, K.J., Lu, Huaifu, and Johnsson, M.J., 1992, Tectonics and petroleum potential of the Brooks Range fold and thrust belt--A progress report, *in* Bradley, D.C., and Ford, A.B., eds., *Geologic studies in Alaska by the U.S. Geological Survey during 1990: U.S. Geological Survey Bulletin* 1999, p. 112-126.
- (P) Howell, D.G., Johnsson, M.J., Underwood, M.B., Lu, Huaifu, and Hillhouse, J., 1992, Tectonic evolution of the Kandik region, east-central Alaska--Preliminary interpretations, *in* Bradley, D.C., and Ford, A.B., eds., *Geologic studies in Alaska by the U.S. Geological Survey during 1990: U.S. Geological Survey Bulletin* 1999, p. 127-140.
- (A) Hutchinson, D.R., Golmshtok, A.J., Moore, T.C., Lee, M.W., Scholz, C.A., and Klitgord, K.D., 1992, Seismic reflection studies of Lake Baikal, U.S.S.R., *in* Carter, L.M.H., *USGS research on energy resources, 1992, Program and abstracts*, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p 37.
- (O) Hutchinson, D.R., Lee, M.W., Agena, W.F., Golmshtok, A.J., Moskalenko, V., Karapetov, K., Coleman, D., and Akentiev, L., 1992, Processing of Lake Baikal marine multichannel seismic reflection data: U.S. Geological Survey Open-File Report 92-243, 58 p.
- (P) Hutchinson, D.R., Lee, M.W., Behrendt, J.C., Cannon, W.F., and Green, A.G., 1992, Variations in the reflectivity of the Moho transition zone beneath the Midcontinent Rift system of North America--Results from true-amplitude analysis of GLIMPCE data: *Journal of Geophysical Research, B, Solid Earth and Planets*, v. 97, no. 4, p. 4721-4737.
- (O) Hutchinson, D.R., Taylor, D.J., and Zihlman, F.N., 1992, National energy research seismic library--Multichannel seismic-reflection data from the U.S. North Atlantic Continental Margin, Montana and New Mexico: U.S. Geological Survey Open-File Report 92-289, 1 CD-ROM disk.
- (P) Isaacs, C.M., 1992, Data report--Uranium, thorium, and other trace elements in strip samples from Cores 128-798B-13H through 15H *in* Tamaki, K., Suyehiro, K., Allan, J., and others, eds., *Proceedings of the Ocean Drilling Program (ODP), Scientific Results: College Station, Texas, Ocean Drilling Program*, v. 127/128, pt. 2, p. 1367-1372.
- (A) Isaacs, C.M., 1992, Petroleum geology research in the Santa Maria Province, California, *in* Carter, L.M.H., ed., *USGS research on energy resources, 1992, Program and abstracts*, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 39.

- (O) Isaacs, C.M., 1992, Petroleum geology of the Santa Maria basin assessment province, California, for the 1987 national assessment of undiscovered oil and gas resources: U.S. Geological Survey Open-File Report 89-450-C, 43 p.
- (O) Isaacs, C.M., 1992, Petroleum geology of the central coastal basins assessment province, California, for the 1987 national assessment of undiscovered oil and gas resources: U.S. Geological Survey Open-File Report 89-450-D, 49 p.
- (O) Isaacs, C.M., 1992, Preface to preliminary geology reports for the Cooperative Monterey Organic Geochemistry Study, Santa Maria and Santa Barbara-Ventura basins, California: U.S. Geological Survey Open-File Report 92-539-A, 6 p.
- (O) Isaacs, C.M., 1992, Preliminary geologic background for rock samples from Naples Beach and Lions Head in the Cooperative Monterey Organic Geochemistry Study, Santa Maria and Santa Barbara-Ventura basins, California: U.S. Geological Survey Open-File Report 92-539-B, 37 p.
- (O) Isaacs, C.M., 1992, Geology handbook for the Cooperative Monterey Organic Geochemistry Study, Santa Maria and Santa Barbara-Ventura basins, California: U.S. Geological Survey Open-File Report 92-539-E, 35 p.
- (O) Isaacs, C.M., 1992, Preliminary petroleum geology background and well data for oil samples in the Cooperative Monterey Organic Geochemistry Study, Santa Maria and Santa Barbara-Ventura basins, California: U.S. Geological Survey Open-File Report 92-539-F, 40 p.
- (O) Isaacs, C.M., Pollastro, R.M., Arends, R.G., Barron, J.A., Cotton, M.L., Filewicz, M.V., Flower, B.P., and Piper, D.Z., 1992, Preliminary data on rock samples (KG-1 to KG-24) in the Cooperative Monterey Organic Geochemistry Study, Santa Maria and Santa Barbara-Ventura basins, California: U.S. Geological Survey Open-File Report 92-539-C, 29 p.
- (O) Isaacs, C.M., Tomson, J.H., Lewan, M.D., Arends, R.G., Cotton, M.L., and Filewicz, M.V., 1992, Preliminary correlation and age of rock samples (KG-1 to KG-24) in the Cooperative Monterey Organic Geochemistry Study, Santa Maria and Santa Barbara-Ventura Basins, California: U.S. Geological Survey Open-File Report 92-539-D, 12 p.
- (Ad) Johnson, R.C., Clark, A.C., Barker, C.E., Pawlewicz, M.J., Crysdale, B.L., Higley, D.K., Szmajter, R., and Finn, T.M., 1992, Coalbed methane potential of the Upper Cretaceous Mesaverde and Meeteetse Formations, Wind River Reservation, Wyoming: U.S. Geological Survey Administrative Report prepared for the Shoshone and Arapaho Tribes and the Bureau of Indian Affairs, 39 p.

- (A) Johnson, R.C., and Rice, D.D., 1992, Chemical and isotopic compositions of natural gases in the Wind River basin, Wyoming [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1261.
- (P) Johnsson, M.J., 1992, Chemical weathering controls on sand composition: San Diego, Academic Press, Encyclopedia of Earth System Science, v. 1, p. 455-466.
- (A) Keighin, C.W., Flores, R.M., and Nichols, D.J., 1992, Comparison of Fort Union reservoir types in outcrop and in nearby abandoned oil fields, southern Wind River basin, Wyoming [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1261.
- (A) Keighin, C.W., and Schenk, C.J., 1992, Application of the ARC/INFO Geographic Information System to geologic investigations of the Norphlet Formation, Alabama and Mississippi, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 41.
- (A) Keller, M.A., Isaacs, C.M., and Stanley, R.G., 1992, The Santa Maria Province project, California, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 41-42.
- (O) Kingston, John, 1992, The undiscovered oil and gas of Antarctica: U.S. Geological Survey Open-File Report 91-597, 77 p.
- (P) Klemme, H.D. and Ulmishek, G.F., 1992, Effective petroleum source rocks of the world--Stratigraphic distribution and controlling depositional factors--Reply: American Association of Petroleum Geologists Bulletin, v. 76, no. 10, p. 1636.
- (A) Law, B.E., 1992, Geologic attributes of coalbed methane accumulations in the United States: All-Russia Petroleum Scientific-Research Geological-Exploration Institute (VNIGRI) International Symposium "Unconventional Hydrocarbon Sources, Problems of Exploration and Production, Abstracts, v. 2, p. 24-25.
- (A) Law, B.E., 1992, Paleofluid flow paths--Evidence from thermal maturity mapping, Greater Green River basin, Wyoming and Utah [abs.]: American Association of Petroleum Geologists 1992 Annual Convention Program, p. 73.

- (P) Law, B.E., 1992, Thermal maturity patterns of Cretaceous and Tertiary rocks, San Juan basin, Colorado and New Mexico: Geological Society of America Bulletin, v. 104, p. 192-207.
- (P) Law, B.E., 1992, Coalbed methane, *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 20-21.
- (A) Law, B.E., Shah, S.H.A., and Malik, M.A., 1992, Abnormally high formation pressures, Potwar Plateau, Pakistan [abs.]: American Association of Petroleum Geologists 1992 Annual Convention Program, p. 73.
- (O) Lee, M.W., Dillon, W.P., and Hutchinson, D.R., 1992, Estimating the amount of gas hydrate in marine sediments in the Blake Ridge area, southeastern Atlantic margin: U.S. Geological Survey Open-File Report 92-275, 24 p.
- (P) Lee, M.W. and Hutchinson, D.R., 1992, Limitations of quantitative analysis of deep crustal seismic reflection data--Examples from GLIMPCE: Journal of Geophysical Research, B, Solid Earth and Planets, v. 97, no. 4, p. 4705-4719.
- (O) Lee, M.W., Hutchinson, D.R., Dillon, W.P., Miller, J.J., Agena, W.F., and Swift, B.A., 1992, A method of estimating the amount of in situ gas hydrates in deep marine sediments: U.S. Geological Survey Open-File Report 92-276, 29 p.
- (A) Lewan, M.D., 1992, Water as a source of hydrogen and oxygen in petroleum formation by hydrous pyrolysis: American Chemical Society Book of Abstracts, Abstract 91.
- (P) Lewan, M.D., 1992, Water as a source of hydrogen and oxygen in petroleum formation by hydrous pyrolysis: American Chemical Society, Fuel Chemistry Division Preprints, v. 37, no. 4, p. 1643-1649.
- (A) Lewan, M.D., 1992, Nomenclature for pyrolysis experiments involving H₂O: American Chemical Society, Fuel Chemistry Division Book of Abstracts, Abstract 70.
- (P) Lewan, M.D., 1992, Primary oil migration and expulsion as determined by hydrous pyrolysis: New York, John Wiley and Sons, Proceedings of the 13th World Petroleum Congress, p. 215-223.
- (P) Lewan, M.D., 1992, A concise historical and current perspective on the kinetics of natural oil generation *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 12-15.

- (A) Lewan, M.D., 1992, Role of water in petroleum formation, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 46-47.
- (O) Lewan, M.D., 1992, Reconnaissance study of source rock potential of the Vaca Muerta Formation in the Zapala and Loncopue areas, Argentina: U.S. Geological Survey Open-File Report 92-436, 13 p.
- (P) Lillis, P.G., 1992, Biomarkers as thermal maturity indicators, *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 49-52.
- (A) Lund, Karen, Beard, L.S., Snee, L.W., and Perry, W.J., Jr., 1992, Thermochronologic constraints on relation between extensional geometry of the Northern Grant Range and oil occurrences in Railroad Valley, east-central Nevada, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 47.
- (P) Magoon, L.B., ed., 1992, The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, 98 p.
- (A) Magoon, L.B., 1992, The petroleum system--Status of research and methods, 1992 [abs.]: U.S. Geological Survey Bulletin 2007, p. 2.
- (P) Magoon, L.B., 1992, Identified petroleum systems within the United States--1992, *in* Magoon, L.B., ed., The petroleum systems--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 2-11.
- (P) Magoon, L.B., and Anders, D.E., 1992, Oil-to-source-rock correlation using carbon-isotopic data and biological marker compounds, Cook Inlet-Alaska Peninsula, Alaska, *in* Moldowan, J.M., Albrecht, P., and Philip, R.P., eds., Biological markers in sediments and petroleum--A tribute to Wolfgang K. Seifert: Englewood Cliffs, N.J., Prentice Hall, p. 241-274.
- (P) McLean, Hugh, and Stanley, R.G., 1992, Reconnaissance sandstone petrology and provenance of the Cantwell Formation, central Alaska, *in* Bradley, D.C., and Ford, A.B., eds., Geologic studies in Alaska by the U.S. Geological Survey, 1990: U.S. Geological Survey Bulletin 1999, p. 170-179.
- (O) Miller, J.J., Agena, W.F., and Lee, M.W., 1992, Reprocessing of reflection seismic lines R111 and R102, Risha Gas Field, Jordan: U.S. Geological Survey Open-File Report 92-680, 32 p.

- (P) Miller, L.D., Barton, C.C., Fredericksen, R.S., and Bressler, J.R., 1992, Structural evolution of the Alaska Juneau lode gold deposit, southeastern Alaska: *Canadian Journal of Earth Sciences*, v. 29, no. 5, p. 865-878.
- (A) Molenaar, C.M., 1992, Stratigraphic cross sections of the Gallup Sandstone and associated strata around the San Juan basin, northwestern New Mexico: *Society for Sedimentary Geology 1992 Theme Meeting, Abstracts*, p. 49.
- (O) Molenaar, C.M., and Baird, J.K., 1992, Regional stratigraphic cross sections of Upper Cretaceous rocks across the San Juan basin, northwestern New Mexico and southwestern Colorado: *U.S. Geological Survey Open-File Report 92-257*, 3 oversize sheets.
- (P) Molenaar, C.M., and Wilson, B.W., 1992, Stratigraphic cross section of Cretaceous rocks along the north flank of the Uinta basin, *in* Fouch, T.D., Nuccio, V.F., and Chidsey, T.C., Jr., eds., *Hydrocarbon and mineral resources of the Uinta basin, Utah and Colorado*: Salt Lake City, Utah, Utah Geological Association Guidebook 20, p. 49-52.
- (O) Moore, T.E., Wallace, W.K., Bird, K.J., Karl, S.M., Mull, C.G., and Dillon, J.T., 1992, Stratigraphy, structure, and geologic synthesis of northern Alaska: *U.S. Geological Survey Open-File Report 92-330*, 183 p., 1 over-size sheet, scale 1:2,500,000.
- (A) Moore, T.E., Wallace, W.K., Bird, K.J., Karl, S.M., and Mull, C.G., 1992, Development of the Ellesmerian Continental Margin and the Brookian orogeny, Alaska--A DNAG perspective *in* Carter, L.M.H., ed., *USGS research on energy resources, 1992, Program and abstracts*, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: *U.S. Geological Survey Circular 1074*, p. 51-52.
- (P) Mussared, W. and Barker, C.E., 1992, A method for mounting small coal grains for polishing: *The Society of Organic Petrology Newsletter*, v. 9, no. 2, p. 11.
- (A) Nuccio, V.F., Crysdale, B.L., and Barker, C.E., 1992, Thermal maturity and petroleum generation history of Pennsylvanian source rocks, Paradox Basin, Utah and Colorado [abs.]: *American Association of Petroleum Geology Bulletin*, v. 76, no. 8, p. 1265-1266.
- (P) Nuccio, V.F., and Fouch, T.D., 1992, Thermal maturity of the Mesaverde Group, Uinta basin Utah, *in* Magoon, L.B., ed., *The petroleum system--Status of research and methods, 1992*: *U.S. Geological Survey Bulletin 2007*, p. 70-78.

- (A) Nuccio, V.F., Schmoker, J.W., and Fouch, T.D., 1992, Controls on gas generation and production, tight sandstone reservoirs, Uinta Basin, Utah, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 54-57.
- (P) Nuccio, V.F., Schmoker, J.W., and Fouch, T.D., 1992, Thermal maturity, porosity, and lithofacies relationships applied to gas generation and production in Tertiary and Cretaceous low-permeability (tight) sandstones, Uinta basin, Utah, *in* Fouch T.D., Nuccio, V.F., and Chidsey, T.C., Jr., eds., Hydrocarbon and mineral resources of the Uinta Basin, Utah and Colorado: Utah Geological Association Guidebook 20, p. 77-94.
- (P) Palacas, J.G., 1992, Can carbonates be source rocks for commercial petroleum deposits?, *in* Johnson, K.J., and Cardott, B.J., eds., Source rocks in the southern midcontinent, 1990 Symposium: Oklahoma Geological Survey Circular 93, p. 256-266.
- (A) Palacas, J.G., Flores, R.M., Keighin, C.W., and Anders, D.E., 1992, Characterization and source of oil impregnating a sandstone in the Fort Union Formation, Castle Garden Area, Wind River basin, Wyoming [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1267.
- (Ad) Palacas, J.G., Lillis, P.G., and Daws, T.A., 1992, Geochemical analysis of possible Precambrian source rocks, Midcontinent Rift System, northeast Kansas: U.S. Geological Survey Administrative Report prepared for the Kansas Geological Survey, 6 p.
- (P) Pawlewicz, M.J., and King, J.D., 1992, Vitrinite and solid bitumen reflectance--Some correlations and applications *in* Magoon L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 58-60.
- (A) Pawlewicz, M.J., and Palacas, J.G., 1992, Petrography and reflectance of vitrinite-like particles in Precambrian rocks, USA and former USSR [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 5, p. 770.
- (A) Pawlewicz, M.J., and Palacas, J.G., 1992, Organic petrography and Rock-Eval studies of organic matter in Precambrian rocks, U.S.A. and U.S.S.R., *in* Carter, L.M.H., ed., USGS research and energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 58-59.
- (A) Perry, W.J., Jr., 1992, Structure of the northern Pancake Range, Nye County Nevada--A progress report: Geological Society of America Abstracts with Programs, v. 24, no. 6, p. 57.

- (P) Perry, W.J., Jr., Nichols, D.J., Dyman, T.S., and Haley, C.J., 1992, Sequential Laramide deformation of the Rocky Mountain foreland of southwestern Montana, Wyoming, and north-central Colorado, *in* Thorman C.H., ed., Application of structural geology to mineral and energy resources of the central and western United States: U.S. Geological Survey Bulletin 1012, p. C1-C13.
- (A) Peterson, Fred, and Schenk, C.J., 1992, Architectural analysis of eolian sandstones--The Lower Jurassic Nugget Sandstone of northeastern Utah, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 59.
- (P) Peterson, J.A., 1992, Aneth Field, U.S.A., Paradox basin, Utah, *in* Foster, N.H., and Beaumont, E.A., comp., Stratigraphic traps III: American Association of Petroleum Geologists Treatise on Petroleum Geology, Atlas of oil and gas fields, p. 41-82.
- (A) Pollastro, R.M., 1992, Natural fractures, composition, cyclicity, and diagenesis in chalk of the Niobrara Formation, Berthoud field, Colorado: Program and Abstracts, Horizontal Drilling Symposium--Domestic and International Case Studies, Rocky Mountain Association of Geologists, p. 111.
- (P) Pollastro, R.M., 1992, Natural fractures, composition, cyclicity, and diagenesis of the Upper Cretaceous Niobrara Formation, Berthoud Field, Colorado, *in* Schmoker, J.W., Coalson, E.B., and Brown, C.A., eds., Geological studies relevant to horizontal drilling-Examples from western North America: Rocky Mountain Association of Petroleum Geologists, p. 243-255.
- (P) Pollastro, R.M., 1992, Clay minerals as geothermometers--Indicators of thermal maturity for hydrocarbon exploration *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 61-65.
- (A) Pollastro, R.M., 1992, Relation of natural fractures to composition and cyclicity in chalk of the Niobrara Formation, Berthoud field, Colorado, *in* Carter, L.M.H., ed., USGS research on energy resources, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 59-60.
- (A) Pollastro, R.M. and Bohor, B.F., 1992, The K/T boundary claystone in the Western Interior--Origin and paragenesis: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 54.

- (A) Pollastro, R.M., and Schenk, C.J., 1992, Petrologic and mineralogic characterization of tar-sand reservoirs near Sunnyside, Utah, U.S.A.-- Implications for stimulation and recovery: All-Russia Petroleum Scientific-Research Geological-Exploration Institute (VNIGRI) International Symposium "Unconventional Hydrocarbons Sources, Problems of Exploration and Production," Abstracts, v. 1, p. 117-118.
- (A) Potter, C.J., Grow, J.A., Lund, Karen, and Perry, W.J., Jr., 1992, The regional context of Railroad Valley oil fields--An integrated geological and geophysical transect, east-central Nevada, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Circular 1074, p. 60-62.
- (A) Powers, R.B., 1992, Mesozoic exploration plays of the Western Interior, United States: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 54.
- (P) Prensky, S.E., 1992, Changing of the Guard: Editorial, *The Log Analyst*, v. 33, no. 3, p. 42A.
- (P) Prensky, S.E., 1992, Preparation of illustrations--Publication versus oral presentation: *The Log Analyst*, v. 33, no. 2, p. 22A-24A.
- (P) Prensky, S.E., 1992, Whither SPWLA??: Editorial: *The Log Analyst*, v. 33, no. 2, p. 8A-9A.
- (P) Prensky, S.E., 1992, Borehole breakouts and in-situ measurements of stress regimes: *The Log Analyst*, v. 33, no. 3, p. 304-312.
- (P) Prensky, S.E., 1992, Temperature measurements in boreholes--An overview of engineering and scientific applications: *The Log Analyst*, v. 33, no. 3, p. 313-333.
- (P) Prensky, S.E., 1992, Bibliography of well-log applications annual; update, October 1, 1991 to September 30, 1992: *The Log Analyst*, v. 33, no. 6, p. 520-558.
- (O) Prensky, S.E., 1992, Bibliography of well-log application; cumulative edition, to September 30, 1992: U.S. Geological Survey Open-File Report 92-390-A, Macintosh version formatted in Microsoft Word 5.0; and Open-File 92-390-B, IBM-PC or compatible version formatted in WordPerfect, version 5.1.

- (O) Prensky, S.E., 1992, Bibliography of well-log applications; annual update--October 1, 1991 to September 30, 1992: U.S. Geological Survey Open-File Report 92-579-A, 125 p.; Open-File Report 92-579-B, 3 1/2 disk, Macintosh version formatted in Microsoft Word, version 5.0; and Open-File Report 92-579-C, IBM-PC or compatible version formatted in WordPerfect, version 5.1.
- (A) Price, L.C., 1992, Huge indigenous oil in mature source rocks--Beyond elephants?, *in* Carter, L.M.H., ed., USGS research on energy resources, Program and abstracts; Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 63.
- (O) Price, L.C., 1992, Considerations of oil origin at Caillou Island and elsewhere in the Gulf Coast: U.S. Geological Survey Open-File Report 91-307, 55 p.
- (P) Price, L.C., and Clayton, J.L., 1992, Extraction of whole versus ground source rocks--Fundamental petroleum geochemical applications including oil-source rock correlation: *Geochimica et Cosmochimica Acta*, v. 56, no. 3, p. 1213-1222.
- (P) Price, L.C., and LeFever, J.A., 1992, Does Bakken horizontal drilling imply a high oil-resource base in fractured shales? *in* Schmoker, J.W., Coalson, E.B., and Brown, C.A., eds., Geological studies relevant to horizontal drilling--Examples from western North America: Rocky Mountain Association of Geologists, p. 199-214.
- (P) Price, L.C., and Wenger, L.M., 1992, The influence of pressure on petroleum generation and maturation as suggested by aqueous pyrolysis, *in* Advances in organic geochemistry, 1991: *Organic Geochemistry*, v. 19, no. 1-3, p. 141-159.
- (P) Rice, D.D., 1992, Controls, habitat, and resource potential of ancient bacterial gas, *in* Vially, Roland, ed., Bacterial gas: Paris, Editions Technip, p. 91-118.
- (A) Rice, D.D., Clayton, J.L., Flores, R.M., Law, B.E., and Stanton, R.W., 1992, Some geologic controls of coalbed gas generation, accumulation, and production, western United States *in* Carter, L.M.H., ed., Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 64.
- (P) Rice, D.D., Fouch, T.D., and Johnson, R.C., 1992, Influence of source rock type, thermal maturity, and migration on composition and distribution of natural gases, Uinta basin, Utah, *in* Fouch, T.D., Nuccio, V.F., and Chidsey, T.C., Jr., eds., Hydrocarbon and mineral resources of the Uinta basin, Utah and Colorado: Utah Geological Association Guidebook 20, p. 95-110.

- (P) Rice, D.D., Schenk, C.J., Schmoker, J.W., Fox, J.E., Clayton, J.L., Dyman, T.S., Higley, D.K., Keighin, C.W., Law, B.E., and Pollastro, R.M., 1992, Potential for deep natural gas resources in Eastern Gulf of Mexico, *in* Rodney, D.M., Shoemaker, H.D., and Byrer, C.W., eds., Proceedings of the 1992 natural gas research and development contractors review meeting: Morgantown, W. Va., U.S. Department of Energy, Office of Fossil Energy, and Morgantown Technology Center, p. 151-166. [Available from National Technical Information Service, 5285 Port Royal Rd., Springfield, VA 22161, as Document DOE/METC-92/6125].
- (P) Robbins, S.L., and Grow, J.A., 1992, Implications of gravity and seismic reflection data for Laramide mountain ranges and basins of Wyoming and southern Montana, *in* Thorman, C.H., ed., Application of structural geology to mineral and energy resources of the central and western United States: U.S. Geological Survey Bulletin 2012, p. E1-E20.
- (A) Robbins, S.L., and Grow, J.A., 1992, Isostatic residual gravity mapping of Wyoming, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 65-66.
- (A) Roberts, S.B., Ellis, M.S., Flores, R.M., Nichols, D.J., Perry, W.J., Jr., and Stricker, G.D., 1992, Paleocene paleogeography, tectonics, and coal distribution in the Rocky Mountains region--An overview, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Circular 1074, p. 66-67.
- (P) Rowan, L.C., Pawlewicz, M.J., and Jones, O.D., 1992, Mapping thermal maturity in the Chainman Shale, near Eureka, Nevada, with Landsat Thematic Mapper images: American Association of Petroleum Geologists Bulletin, v. 76, no. 7, p. 1008-1023.
- (A) Ryder, R.T., Burruss, R.C., and Hatch, J.R., 1992, Geochemistry and origin of oil in Cambrian and Ordovician reservoirs, Ohio, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 68-69.
- (A) Schenk, C.J., 1992, Geologic factors influencing recovery of tar from the Nugget Sandstone (Jurassic) Whiterocks, Uintah County, Utah: All-Russia Petroleum Scientific-Research Geological-Exploration Institute (VNIGRI) International Symposium "Unconventional Hydrocarbon Sources, Problems of Exploration and Production," Abstracts, v. 1, p. 140-141.

- (P) Schenk, C.J., 1992, Geometry of fluvial point-bar sandstones and application to horizontal drilling, *in* Schmoker, J.W., Coalson, E.B., and Brown, C.A., eds., Geological studies relevant to horizontal drilling--Examples from western North America: Rocky Mountain Association of Geologists, p. 61-66.
- (A) Schenk, C.J., 1992, Algodones depositional system--Modern analog for the Upper Jurassic Norphlet Formation, Mississippi and Alabama, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey 1074, p. 69-70.
- (P) Schenk, C.J., 1992, Stratigraphic correlations between the Eagle Valley evaporite and Minturn Formations, Eagle basin, northwest Colorado, Chapter GG, *in* Evolution of sedimentary basins--Uinta and Piceance basins: U.S. Geological Survey Bulletin 1787, p. GG1-GG8.
- (P) Schenk, C.J., 1992, Facies, permeability, and heterogeneity in sandstone reservoirs, *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 35-39.
- (P) Schenk, C.J., 1992, Approaches to characterizing heterogeneity in carbonate reservoirs, *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 40-43.
- (P) Schenk, C.J., 1992, Mineral transformations in tar sand and heavy oil reservoirs induced by thermal recovery methods, *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 44-48.
- (A) Schenk, C.J., and Schmoker, J.W., 1992, Reservoirs and source rocks of the Upper Jurassic Norphlet Formation, Mississippi and Alabama, *in* Carter, L.M.H., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 70-71.
- (P) Schmoker, J.W., 1992, Introduction, *in* Schmoker, J.W., Coalson, E.B., and Brown, C.A., eds., Geological studies relevant to horizontal drilling--Examples from western North America: Rocky Mountain Association of Geologists, p. 1-2.
- (P) Schmoker, J.W., 1992, Review of book "Structural geology--Special supplement, Middle East well evaluation review," Charnock, Garry, and Gamble, Sean, eds.: The Log Analyst, v. 33, no. 2, p. 192-193.

- (A) Schmoker, J.W., 1992, Empirical porosity prediction to reduce exploration risk-- Examples from the J sandstone (Denver basin) and Mesaverde Group (Uinta and Piceance basins) [abs.]: *The Outcrop*, Rocky Mountain Association of Geologists, v. 4, no. 7, p. 4-5.
- (P) Schmoker, J.W., 1992, Porosity, *in* Magoon, L.B., ed., *The petroleum system-- Status of research and methods*, 1992: U.S. Geological Survey Bulletin 2007, p. 32-34.
- (A) Schmoker, J.W., 1992, Geologically oriented overview of horizontal drilling in the United States, *in* Carter, L.M.H., ed., *USGS research on energy resources*, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 71.
- (P) Schmoker, J.W., Coalson, E.B., and Brown, C.A., eds., 1992, *Geological studies relevant to horizontal drilling--Examples from western North America*: Rocky Mountain Association of Geologists, 234 p.
- (P) Schmoker, J.W., Nuccio, V.F., and Pitman, J.K., 1992, Porosity trends in predominantly nonmarine sandstone of the Upper Cretaceous Mesaverde Group, Uinta and Piceance basins, Utah and Colorado, *in* Fouch, T.D., Nuccio, V.F., and Chidsey, T.C., eds., *Hydrocarbon and mineral resources of the Uinta basin, Utah and Colorado*: Utah Geological Association Guidebook 20, p. 111-121.
- (P) Shelton, K.L., Underwood, M.B., Bergeld, Deborah, and Howell, D.G., 1992, Isotopic variations in calcite veins from the Kandik region of east-central Alaska, *in* Bradley, D.C., and Dusel-Bacon, Cynthia, eds., *Geologic studies in Alaska by the U.S. Geological Survey*, 1991: U.S. Geological Survey Bulletin 2041, p. 213-221.
- (A) Spencer, C.W., 1992, Unconventional low-permeability gas reservoirs in the western United States--Unique characteristics and resource potential: All-Russia Petroleum Scientific-Research Geological-Exploration Institute, International Symposium "Unconventional Hydrocarbon Sources, Problems of Exploration and Production," Abstracts, v. 2, p. 211-213.
- (P) Spencer, C.W., Lorenz, J.C., and Brown, C.A., 1992, Tight-gas reservoir exploitation using horizontal and slant-hole drilling, *in* Schmoker, J.W., Coalson, E.B., and Brown, C.A., eds., *Geological studies relevant to horizontal drilling--Examples from Western North America*: Rocky Mountain Association of Geologists, p. 33-36.

- (P) Stanley, R.G., Flores, R.M., and Wiley, T.J., 1992, Fluvial facies architecture in the Tertiary Usibelli Group of Suntrana, central Alaska, *in* Bradley, D.C., and Ford, A.B., eds., Geological studies in Alaska by the U.S. Geological Survey, 1990: U.S. Geological Survey Bulletin 1999, p. 204-211.
- (A) Stanley, R.G., Johnson, S.Y., Cole, R.B., Mason, M.A., Swisher, C.C., III, Thornton, M.L. Filewicz, M.V., Vork, D.R., Tuttle, M.L., and Obradovich, J.D., 1992, Origin of the Santa Maria basin, California *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 73.
- (O) Stanley, R.G., Valin, Z.C., and Pawlewicz, M.J., 1992, Rock-Eval pyrolysis and vitrinite reflectance results from outcrop samples of the Rincon Shale (lower Miocene) collected at the Tajiguas Landfill, Santa Barbara County, California: U.S. Geological Survey Open-File Report 92-571, 27 p.
- (A) Swift, B.A., Dillon, W.P., Poag, C.W., and Lee, M.W., 1992, Structural and stratigraphic transect across the Florida Platform, eastern Gulf of Mexico to western Atlantic Ocean [abs.]: EOS Transaction, American Geophysical Union, v. 73, no. 14, p. 289.
- (P) Swinchatt, J.P., and Howell, D.G., 1992, Xinjiang, China; between two mountains: *Earth*, v. 1, no. 5, p. 20-29.
- (A) Takahashi, K.I. and Higley, D.K., 1992, Animated drilling histories and petroleum assessment models for Mesozoic plays of the Western Interior Basin: Society for Sedimentary Geology 1992 Theme Meeting, Abstracts, p. 63.
- (A) Takahashi, K.I., Higley, D.K., and Mast, R.F., 1992, Interactive computer display of petroleum exploration and undiscovered resource potential of the United States, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 73-74.
- (P) Taylor, D.J., 1992, NERSL-National Energy Research Seismic Library, *in* Magoon, L.B., ed., The petroleum system--Status of research and methods, 1992: U.S. Geological Survey Bulletin 2007, p. 79-80.
- (A) Taylor, D.J. and Zihlman, F.N., 1992, NERSL--National Energy Research Seismic Library, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 74-75.

- (A) Tennyson, M.E., 1992, Preliminary 1:100,000-scale geologic map of Santa Maria 30' x 60' quadrangle, central coastal California--Progress toward a digital compilation, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 75-76.
- (O) Tennyson, M.E., comp., 1992, Preliminary geologic map of Santa Maria 30' by 60' quadrangle, California: U.S. Geological Survey Open-File Report 92-189, 9 p, 2 over-size sheets, scale 1:100,000.
- (A) Thorez, J., Bossiroy, D., Flores, R.M., and Keighin, C.W., 1992, Clay paragenesis and petrology of sandstone reservoirs, Fuller Reservoir Field, Wind River Basin, Wyoming [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 8, p. 1269.
- (A) Tuttle, M.L., Dean, W.E., Stanton, Mark, Collister, James, Harrison, Wendy, Fouch, T.D., Pitman, Janet, Hanesand, Trond, and Telnaes, Nils, 1992, Multifaceted studies of a lacustrine source rock--The Paleogene Green River Formation, Colorado, Utah, and Wyoming, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 76-78.
- (A) Ulmishek, G.F., 1992, Major frontier exploration plays in petroleum basins of the U.S.S.R., *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 77-79.
- (A) Ulmishek, G.F., and Klemme, H.D., 1992, Worldwide distribution of petroleum source rocks: American Association of Petroleum Geologists/Institut Francais de Petrole International Research Meeting, Paris, France, Abstracts p. 16.
- (P) Ulmishek, G.F., and Klemme, H.D., 1992, Areal and spatial distribution and effectiveness of world's petroleum source rocks: New York, John Wiley and Sons, Proceedings of the Thirteenth World Petroleum Congress, Reprint, p. 121-136.
- (P) Underwood, M.B., Brucculeri, Thomas, Bergfeld, Deborah, Howell, D.G., and Pawlewicz, M.J., 1992, Statistical comparison between illite crystallinity and vitrinite reflectance, Kandik region of east-central Alaska, *in* Bradley, D.C., and Dusel-Bacon, Cynthia. eds., Geologic studies in Alaska by the U.S. Geological Survey, 1991: U.S. Geological Survey Bulletin 2041, p. 222-237.

- (O) Valin, Z.C., and Collett, T.S., 1992, Molecular and isotopic analyses of the hydrocarbon gases within gas hydrate-bearing rock units of the Prudhoe Bay-Kuparuk River area in northern Alaska: U.S. Geological Survey Open-File Report 92-299, 90 p.
- (Ad) Wandrey, C.J., 1992, Geochemical analysis request procedure (GARP version 2): U.S. Geological Survey Administrative Report, 27 p.
- (P) Wenrich, K.J., and Palacas, J.G., 1992, Organic matter and uranium in solution-collapse breccia pipes of northern Arizona and San Rafael Swell, Utah *in* Dickinson, K.A., ed., Short papers of the U.S. Geological Survey uranium workshop, 1990: U.S. Geological Survey Circular 1069, p. 36-50.
- (A) Whidden, K.J., Lund, S.P., Bottjer, D.J., Champion, D.E., and Howell, D.G., 1992, Relationship of the Central Salinian Block, the Surobispo Terrane, and the Sierra Nevada in the Late Cretaceous based on paleomagnetic evidence [abs.]: American Association of Petroleum Geologists Bulletin, v. 76, no. 3, p. 432.
- (A) Whitney, Gene, and Lewan, M.D., 1992, Diagenesis in a bottle--Experimental strategies for studying thermal maturity in clays and organic matter, *in* Carter, L.M.H., ed., USGS research on energy resources, 1992, Program and abstracts, Eighth V.E. McKelvey Forum on Mineral and Energy Resources: U.S. Geological Survey Circular 1074, p. 81.
- (P) Yakushev, V.S., and Collett, T.S., 1992, Gas hydrates in arctic regions--Risk to drilling and production: Second International Society Offshore and Polar Engineering Conference, Proceedings, v. 1, p. 669-673.
- (O) Zihlman, F.N., 1992, PLOTSEGY V1.01--A DOS graphics program to display SEG-Y disk-image seismic data: U.S. Geological Survey Open-File Report 92-349-A, 17 p; Open-File Report 92-349-B, 4 diskettes.