

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

In the Matter of the Application of QWEST
CORPORATION

Docket No. UT-021120

Regarding the Sale and Transfer of Qwest Dex
to Dex Holdings LLC, a nonaffiliate

CURRICULUM VITAE OF

JOSEPH P. KALT

ON BEHALF OF

DEX HOLDINGS LLC

APRIL 17, 2003

JOSEPH PEGGS KALT

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PROFESSIONAL EXPERIENCE

John F. Kennedy School of Government, Harvard University, Cambridge, MA
Ford Foundation Professor of International Political Economy, 1992 - present

Areas of specialization include Industrial Organization, Economics of Antitrust and Regulation, Natural Resource Economics, Public Choice and Political Economy, Microeconomic Theory.

Member, Standing Committee on Higher Degrees in Political Economy and Government, 2002 - present

Faculty Chair, Interfaculty Initiative, Harvard University Native American Program, 2000 - present

Co-Director, The Harvard Project on American Indian Economic Development, 1987 - present

Chair, Economics and Quantitative Methods Cluster, 1995 - 2000

Professor of Political Economy, 1986 - 1992

Faculty Chair and Academic Dean for Research, 1992 - 1994

Chairman, Environment and Natural Resources Program, Center for Science and International Affairs, 1990 - 1994

Chairman of Degree Programs, 1990 - 1992

Chairman of Ph.D. Programs, 1989 - 1990

Assistant Director for Natural Resources, Energy and Environmental Policy Center, 1985 - 1990

Co-Director, Harvard Study on the Future of Natural Gas Policy (with Frank C. Schuller), Energy and Environmental Policy Center, John F. Kennedy School of Government, 1984-86

Department of Economics, Harvard University, Cambridge, MA

Associate Professor of Economics, 1983 - 1986

Assistant Professor of Economics, 1980 - 1983

Instructor in Economics, 1978 - 1980

Taught Economics of Antitrust and Regulation, Intermediate Microeconomics, and Principles of Economics.

President's Council of Economic Advisers, Washington DC
Junior Staff Economist, 1974 - 75

Analyzed federal energy, environmental, transportation, and tax policies.

EDUCATION

University of California, Los Angeles

Ph.D. in Economics, 1980

Dissertation: "Federal Control of Petroleum Prices: A Case Study of the Theory of Regulation"

M.A. in Economics, 1977

Stanford University, Stanford, CA

B.A. in Economics, 1973

TESTIMONY

Amerada Hess Corporation

First Judicial District, State of New Mexico, County of Santa Fe, Patrick H. Lyons, Commissioner of Public Lands of the State of New Mexico, Trustee, v. Amerada Hess Corporation. Second Supplemental Expert Report, April 7, 2003.

Department of Defense Jet Fuel Contract Litigation, *In the United States Court of Federal Claims*, declarations in various individual cases, December 2002-present.

SDDS, Inc.

In the Circuit Court, Sixth Judicial District, SDDS, Inc., v. State of South Dakota.

Affidavit in Support of Motion in Limine, December 23, 2002; Affidavit, January 17, 2003; Expert Report, February 24, 2003.

Mardi Gras Transportation System Inc.

United States of America, Before the Federal Energy Regulatory Commission, Caesar Oil Pipeline Company, LLC. Affidavit, December 5, 2002.

United States of America, Before the Federal Energy Regulatory Commission, Proteus Oil Pipeline Company, LLC. Affidavit, December 5, 2002.

Powerex Corp.

Before the American Arbitration Association, In the Matter of an International Commercial Arbitration Between Powerex Corp., formerly British Columbia Power Exchange Corporation, and Alcan Inc., formerly Alcan Aluminum Limited. Expert Report, November 20, 2002; Oral Testimony, December 12, 2002.

Texaco Inc., Texaco Exploration and Production Inc., Texaco Trading and Transportation Inc.
In the District Court, 19th Judicial District, Parish of East Baton Rouge, LA, State of Louisiana and Secretary of the Department of Revenue and Taxation v. Texaco Inc.; State of Louisiana and Secretary of the Department of Revenue and Taxation v. Texaco Exploration and Production Inc.; State of Louisiana and Secretary of the Department of Revenue and Taxation v. Texaco Trading and Transportation Inc. Expert Report, November 11, 2002.

Ticketmaster Corporation

United States District Court, Central District of California, Tickets.com, Inc., v. Ticketmaster Corporation and Ticketmaster-Online Citysearch, Inc. Rebuttal Expert Report, November 8, 2002; Deposition, November 20, 2002.

The Burlington Northern & Santa Fe Railway Company

In the United States District Court for the Western District of Texas, Austin Division, South Orient Railroad Company, Ltd., v. The Burlington Northern & Santa Fe Railway Company and Union Pacific Railway Company. Expert Witness Report, October 30, 2002; Deposition, November 15, 2002.

El Paso Merchant Energy, L.P.

United States of America before the Federal Energy Regulatory Commission, Public Utilities Commission of the State of California, California Electricity Oversight Board v. Sellers of Long-Term Contracts to the California Department of Water Resources, Sellers of Energy and Capacity Under Long-Term Contracts with the California Department of Water Resources. Prepared Direct Testimony, October 17, 2002; Rebuttal Testimony November 14, 2002; Deposition, November 24, 2002; Oral Testimony, December 10, 2002; Prepared Reply Testimony, March 20, 2003.

ExxonMobil

United States Department of the Interior, Board of Land Appeals, Appeal of July 2, 2001 Decision; Request for Value Determination Regarding the Arm's-Length Nature of a Gas Sales Contract. Affidavit, October 8, 2002.

El Paso Merchant Energy, L.P.

United States of America, Before the Federal Energy Regulatory Commission, PacifiCorp v. Reliant Energy Services, Inc., Morgan Stanley Capital Group Inc., Williams Energy Marketing & Trading Company, El Paso Merchant Energy L.P. Prepared Direct Testimony, October 8, 2002; Prepared Rebuttal Testimony, November 26, 2002; Deposition, December 5, 2002; Oral Testimony, December 18, 2002.

Oxy USA, Inc.

In the Twenty-Sixth Judicial District, District Court, Stevens County, Kansas, Civil Department, Opal Littell, Cherry Rider, and Bonnie Beelman vs. Oxy USA, Inc. Expert Witness Report, October 7, 2002; Expert Witness Rebuttal Report, October 29, 2002; Oral Testimony, April 8, 2003.

Shell Western E & P Inc., Shell Gas Trading Company, and Shell Oil Company

United States District Court, 112th Judicial District, Crockett County, TX, Minnie S. Hobbs Estate, et al., v. Shell Western E & P Inc., Shell Gas Trading Company, and Shell Oil Company. Expert Report, August 28, 2002; Deposition, December 14, 2002.

Conoco Inc. and Phillips Petroleum Company

United States District Court for the Northern District of Oklahoma, Transeuro Amertrans Worldwide Moving and Relocations Limited vs. Conoco Inc. and Phillips Petroleum Company. Affidavit, August 21, 2002; Oral Testimony, September 17, 2002.

Conoco Inc., Amoco Production Company, and Amoco Energy Trading Corp.

United States District Court for the District of New Mexico, Elliott Industries Limited Partnership v. Conoco Inc., Amoco Production Company, and Amoco Energy Trading Corp. Expert Report, July 1, 2002; Affidavit, July 6, 2002; Deposition, August 13, 2002.

El Paso Merchant Energy, L.P. and Calpine Energy Services, L.P.

United States of America, Before the Federal Energy Regulatory Commission, Nevada Power Company and Sierra Pacific Power Company v. Duke Energy Trading and Marketing, L.L.C., Enron Power Marketing, Inc., El Paso Merchant Energy, L.P., American Electric Power Services Corp.; Nevada Power Company v. Morgan Stanley Capital Group Inc., Calpine Energy Services, L.P., Mirant Americas Energy Marketing, L.P., Reliant Energy Services, Inc., BP Energy Company, Allegheny Energy Supply Company, L.L.C.; Southern California Water Company v. Mirant Americas Energy Marketing, L.P.; Public Utility District No. 1, Snohomish County, Washington, v. Morgan Stanley Capital Group Inc. Prepared Direct Testimony, June 28, 2002; Prepared Answering Testimony, August 27, 2002; Deposition, September 24, 2002.

CFM International, Inc.

United States District Court for the Central District of California, Western Division, Aviation Upgrade Technologies, Inc., v. The Boeing Company, CFM International, Inc., and Rolls Royce plc. Expert Report, June 28, 2002.

Elkem Metals Company and CC Metals & Alloys, Inc.

Before the United States International Trade Commission, Ferrosilicon from Brazil, China, Kazakhstan, Russia, Ukraine, and Venezuela, Remand Proceedings. Affidavit, May 23, 2002; Oral Testimony, June 6, 2002.

Amoco Production Company

In the District Court, La Plata County, Colorado, Richard Parry, Linda Parry, Evelyn L. Payne and David Groblebe, et al., v. Amoco Production Company. Expert Report, May 1, 2002; Oral Testimony, August 29, 2002.

Chevron U.S.A., Conoco, and Murphy Exploration & Production Company

In the United States Court of Federal Claims, Chevron U.S.A., Inc.; Conoco Inc.; and Murphy Exploration & Production Company v. United States of America. Expert Report, May 1, 2002.

British Columbia Lumber Trade Council and the Province of British Columbia

In the Matter of Certain Softwood Lumber Products from Canada (C-122-839), International Trade Administration, U.S. Department of Commerce. "Log Export Restraints, Price 'Gaps,' and the Transmission of Softwood Log Price Effects Across Canada," December 12, 2001; "Response to Reports of Stoner and Mercurio Dated January 2002," January 16, 2002.

American Quarter Horse Association

In the 251st District Court, Potter County, Texas, Kay Floyd, et al., v. American Quarter Horse Association. Affidavit, October 30, 2001; Expert Report, February 1, 2002.

Amoco Production Company, Amerada Hess Corporation, Shell Western E&P, Inc., Shell Land & Energy Co.

First Judicial District, State of New Mexico, County of Santa Fe, Ray Powell, Commissioner of Public Lands of the State of New Mexico, Trustee, v. Amoco Production Company, Amerada Hess Corporation, Shell Western E&P, Inc., and Shell Land & Energy Co. Expert Report, September 21, 2001; Deposition, November 7, 2001; Supplemental Expert Report, January 31, 2002.

Shell Oil Company

Montana Sixteenth Judicial District Court, Fallon County, Fidelity Oil Company v. Shell Western E & P, Inc., and Shell Oil Company. Expert Report, September 7, 2001.

Anne E. Meyer and Mary E. Hauf, et al., v. Shell Western E & P, Inc., and Shell Oil Company. Rebuttal Report, September 7, 2001.

Fran Fox Trust, et al., v. Shell Western E & P, Inc., and Shell Oil Company. Rebuttal Report, September 7, 2001.

Marvel Lowrance and S-W Company v. Shell Western E & P, Inc., and Shell Oil Company. Rebuttal Report, September 7, 2001.

El Paso Merchant Energy, L.P.

United States of America before the Federal Energy Regulatory Commission, Public Utilities Commission of the State of California v. El Paso Natural Gas Company, El Paso Merchant-Gas, L.P., and El Paso Merchant Energy Company. Prepared Direct Testimony, May 8, 2001; Oral Testimony, May 29-30, Oral Rebuttal Testimony, June 6-8, 2001; Oral Surrebuttal Testimony, June 19, 2001; Prepared Rebuttal Testimony, March 11, 2002; Oral Testimony, March 26-27, 2002.

Teléfonos de Mexico

In the United States District Court for the Western District of Texas, San Antonio Division, Access Telecom, Inc., v. MCI Telecommunications Corp., MCI International, Inc., SBC Communications, Inc., SBC International, Inc., SBC International Latin America, Inc., and Teléfonos de Mexico. Expert Report, January 22, 2001; Supplement to the Expert Report, February 14, 2001; Deposition, February 22, 2001.

Compaq Computer Corporation

In the United States District Court for the Eastern District of Texas, Beaumont Division, Charles Thurmond, Hal LaPray, Tracy D. Wilson, Jr., and Alisha Seale Owens vs. Compaq Computer Corporation. Opinion, December 15, 2000; Deposition, January 4, 2001.

American Airlines

In the Matter of the United States Department of Justice v. AMR Corporation. Expert Report, October 11, 2000; Deposition, October 31-November 1, 2000; Supplemental Expert Report, November 16, 2000; Revised Supplemental and Rebuttal Expert Report, December 4, 2000; Deposition, December 14-15, 2000; Declaration, January 5, 2001; Declaration, March 14, 2001.

Tosco Corporation

In the United States District Court for the District of Hawaii, Carl L. Anzai, Attorney General, for the State of Hawaii, As Parens Patriae for the Natural Persons Residing in Hawaii, and on behalf of the State of Hawaii, its Political Subdivisions and Governmental Agencies, vs. Chevron Corporation, et al. Expert Report, October 23, 2000; Deposition, January 8-9, 2001; Supplemental Report, April 16, 2001; Deposition, April 24, 2001.

Phillips Petroleum Company, GPM Gas Corporation, Phillips Gas Marketing Company, Phillips Gas Company, and GPM Gas Trading Company

In the District Court of Fort Bend, Texas, 268th Judicial District, Kathryn Aylor Bowden, Beulah Poorman Vick, Omer F. Poorman, and Monte Cluck vs. Phillips Petroleum Company, GPM Gas Corporation, Phillips Gas Marketing Company, Phillips Gas Company, and GPM Gas Trading Company. Deposition, August 1, 2000; Oral Testimony at class certification hearing, September 8, 2000.

Exxon Corporation, Shell Oil Company, and Union Oil Company of California

In the United States District Court for the Eastern District of Texas, Lufkin Division, J. Benjamin Johnson, Jr., and John M. Martineck, Relators, Bringing this Action on Behalf of the United States of America, vs. Shell Oil Company, et al. Expert Report on behalf of Exxon Corporation, June 16, 2000.

In the United States District Court for the Eastern District of Texas, Lufkin Division, United States of America ex rel. J. Benjamin Johnson, Jr., and John M. Martineck vs. Shell Oil Company, et al. Expert Reports on behalf of Shell Oil Company and Union Oil Company of California, June 16, 2000; deposition on behalf of Shell Oil Company, August 8-11, 2000.

Exxon Company, U.S.A.

Before the Hearing Officer of the Taxation and Revenue Department of the State of New Mexico, In the Matter of Protest to Assessment No. EX-001. Expert Report, April 17, 2000.

Government of Canada

In the Matter of an Arbitration Under Chapter Eleven of the North American Free Trade Agreement: Between Pope & Talbot, Inc., and The Government of Canada. Affidavit, March 27, 2000; Second Affidavit, April 17, 2000; Oral Testimony, May 2, 2000.

BP Amoco, PLC, and Atlantic Richfield Company

In the United States District Court for the Northern District of California, San Francisco Division, Federal Trade Commission vs. BP Amoco, PLC, and Atlantic Richfield Company. Expert Report, March 1, 2000; Deposition, March 7, 2000.

Burlington Northern Santa Fe

Before the Surface Transportation Board, STB Ex Parte No. 582, Public Views on Major Rail Consolidations. Statement (with Amy Bertin Candell), February 29, 2000.

Before the Surface Transportation Board, STB Ex Parte No. 582 (Sub-No. 1), Public Views on Major Rail Consolidations. Verified Statement (with José A. Gómez-Ibáñez), November 17, 2000; Verified Rebuttal Statement (with José A. Gómez-Ibáñez), January 11, 2001.

Te Ohu Kai Moana (Treaty of Waitangi Fisheries Commission)

In the High Court of New Zealand, Auckland Registry, between Te Waka Hi Ika O Te Arawa and Anor, and Treaty of Waitangi Fisheries Commission and ORs; between Te Runanganui O Te Upoko o Te Ika and ORS, and Treaty of Waitangi Fisheries Commission and ORS (Defendants); between Ryder and ORS, and Treaty of Waitangi Fisheries Commission and ORS; between Te Kotahitanga O Te Arawa Waka and ORS, and Treaty of Waitangi Fisheries Commission and ORS. Affidavit, February 4, 2000.

American Petroleum Institute

Before the United States of America Department of the Interior Minerals Management Service, Further Supplementary Proposed Rule for Establishing Oil Value for Royalty Due on Federal Leases. Declaration (with Kenneth W. Grant), January 31, 2000.

Amoco Production Company and Amoco Energy Trading Corporation

In the First Judicial District Court, County of Santa Fe, State of New Mexico, The Florance Limited Company, The M.J. Florance Trust No. 2, and The Florence A. Florance Trust vs. Amoco Production Co. and Amoco Energy Trading Corporation. Expert Report, December 15, 1999; Deposition, January 11-12, 2000.

Reliant Technologies, Inc.

In the U.S. District Court, Northern District of California/Oakland Division, Reliant Technologies, Inc., vs. Laser Industries, Ltd., and Sharplan Lasers, Inc. Expert Report, October 15, 1999; Deposition, December 2-3, 1999.

El Paso Natural Gas Company

In the District Court of Dallas County, Texas, Transamerican Natural Gas Corporation vs. El Paso Natural Gas Company, Meridian Oil, Inc., Burlington Resources Inc., Richard M. Bressler, Travis H. Petty, William A. Wise, Oscar S. Wyatt, The Coastal Corporation, and Coastal Oil and Gas Corporation. Expert Report, September 24, 1999; Deposition, September 28, 1999; Affidavit, November 19, 1999.

Exxon Corporation

Before the Superior Court, State of California, Los Angeles, In the Matter of the People of the State of California, City of Long Beach, et al., v. Exxon Corporation, et al. Deposition, May 11-12, 19, 1999; Oral Testimony, July 22-23, 26-29, 1999.

AIMCOR, American Alloys, Inc., Elkem Metals Company, and SKW Metals & Alloys, Inc.

Before the United States International Trade Commission, In the Matter of Ferrosilicon from Brazil, China, Kazakhstan, Russia, Ukraine, and Venezuela. Oral Testimony, April 13, 1999.

El Paso Energy Corporation and El Paso Tennessee Pipeline Co.

EPEC Gas Latin America, Inc., and EPEC Baja California Corporation, Plaintiffs, v. Intratec S.A. de C.V. and Intratec Resource Co., L.L.C., Defendants and Third Party Plaintiffs, v. El Paso Energy Corporation and El Paso Tennessee Pipeline Co., Third Party Defendants. Expert Report, March 26, 1999.

Bass Enterprises Production Company

Bass Enterprises Production Company, et al., v. United States of America, Assessment of Bass Enterprises Production Company's and Enron Oil and Gas Company's Economic Losses Arising from the Temporary Taking of Oil and Gas Lease. Expert Report, March 19, 1999; Deposition, May 13, 1999; Oral Testimony, October 24-25, 2000; Supplemental Expert Report, June 11, 2001; Deposition, June 30, 2001; Oral Testimony, July 23-24, 2001.

Government of Canada

Before the Arbitration Panel Convened Pursuant to Article V of the Softwood Lumber Agreement Between The Government of Canada and The Government of the United States of America, Canada-United States Softwood Lumber Agreement: In the Matter of British Columbia's June 1, 1998 Stumpage Reduction. Economic Report, March 12, 1999.

Elkem Metals Company, L.P. and Elkem ASA

In the United States District Court for the Western District of Pennsylvania, Bethlehem Steel Corporation vs. Elkem Metals Company, L.P., and Elkem ASA. Expert Report, December 9, 1998; Deposition, March 26-27, 1999.

Shell Oil Company and Shell Western E&P, Inc., Mobil Producing Texas and New Mexico, Inc., and Cortez Pipeline Company

In the United States District Court, District of Colorado, United States Government and CO₂ Claims Coalition, LLC, vs. Shell Oil Company and Shell Western E&P, Inc., Mobil Producing Texas and New Mexico, Inc., and Cortez Pipeline Company. Expert Report, November 23, 1998; Deposition, January 11-12, 1999; Affidavit, January 21, 1999;

Supplemental Expert Report, April 30, 1999; Second Supplemental Expert Report, March 30, 2001.

American Alloys, Inc., Globe Metallurgical, Inc. and Minerais U.S. Inc.

In re Industrial Silicon Antitrust Litigation: Civil No. 95-2104, before the United States District Court, Western District of Pennsylvania. Oral Testimony, November 2, 1998.

Group of Oil Company Defendants

In re: Lease Oil Antitrust Litigation No. II, MDL No. 1206, before the United States District Court, Southern District of Texas, Corpus Christi Division. Deposition, September 28, October 15, 1998; Affidavit, October 8, 1998.

Rockwell International Corporation and Rockwell Collins, Inc.

In the United States District Court for the District of Arizona, Universal Avionics Systems Corporation, an Arizona corporation, v. Rockwell International Corporation, a Delaware corporation; Rockwell Collins, Inc., a Delaware corporation. Expert Report, September 15, 1998; Second Expert Report, November 18, 1998; Supplement to September 15, 1998, Expert Report, July 30, 1999; Supplement to November 18, 1998, Amended Second Expert Report, July 30, 1999; Deposition, September 22-23, 1999.

American Alloys, Inc., Globe Metallurgical, Inc., Minerais U.S. Inc., and SKW Metals and Alloys, Inc.

In re Industrial Silicon Antitrust Litigation: Civil No. 95-2104, before the United States District Court, Western District of Pennsylvania. Daubert Testimony, September 14, 1998.

Texaco, Inc.

In the Matter of Texaco Inc., et al., v. Duhe, et al., Before the United District Court for the Western District of Louisiana. Expert Report (with Kenneth Grant), June 30, 1999.

In the matter of John M. Duhe, Jr., et al. v. Texaco Inc., et al., Before the 16th Judicial District Court, Parish of Iberia, State of Louisiana. Oral Testimony, March 2, 1999.

In the Matter of Long, et al., v. Texaco, Inc., et al., Before the United States District Court for the Middle District of Louisiana. Expert Report (with Kenneth Grant), August 14, 1998; Deposition, October 2-3, 1998.

Honeywell, Inc.

In the matter of Litton Systems, Inc., v. Honeywell Inc., before the United States District Court, Central District of California, Case No. CV-90-4823 MPR (EX), Report on Assessment of Litton's Antitrust Damages, August 3, 1998; Deposition, August 24-26, 1998; Oral Testimony, December 2-4, 1998.

North West Shelf Gas Project

In the Matter of an Arbitration Between Western Power Corporation and Woodside Petroleum Development Pty. Ltd. (ACN 006 325 631), et al. First Statement, May 6, 1998; Second Statement, May 15, 1998; Third Statement, July 22, 1998; Oral Testimony, July 22-28, 1998.

Northern Natural Gas Company

United States of America before the Federal Energy Regulatory Commission, In the Matter of Northern Natural Gas Company. Prepared Direct Testimony, May 1, 1998.

Association of American Railroads

Market Dominance Determinations—Product and Geographic Competition, Before the Surface Transportation Board. Joint Verified Statement (with Robert D. Willig), May 29, 1998; Reply Verified Statement (with Robert D. Willig), June 29, 1998.

Review of Rail Access and Competition Issues, Before the Surface Transportation Board. Joint Verified Statement (with David Reishus), March 26, 1998; Oral Testimony, April 3, 1998.

Exxon Corporation and Affiliated Companies

In the United States Tax Court, Exxon Corporation and Affiliated Companies v. Commissioner of Internal Revenue. Rebuttal Report, February 19, 1998.

Exxon Company

Before the United States of America Department of the Interior Minerals Management Service, Review of the Federal Royalties Owed on Crude Oil Produced from Federal Leases in California. Affidavit, February 17, 1998.

Elkem Metals Company, L.P.

In Re Industrial Silicon Antitrust Litigation and Related Cases, In the United States District Court for the Western District of Pennsylvania. Expert Report, January 9, 1998; Deposition, February 5-6, 1998.

TransCanada Gas Services Limited

Paladin Associates, Inc., et al., v. Montana Power Company, et al., In the United States District Court for the District of Montana. Expert Report, November 19, 1997; Expert Rebuttal Report, December 22, 1997; Deposition, January, 1998; Affidavit May 19, 1998.

Koch Pipeline Company, L.P.

In the Matter of CF Industries, Inc. v. Koch Pipeline Company, L.P., Before the Surface Transportation Board. Verified Statement (with Amy B. Candell), November 10, 1997;

Deposition, December 12, 1997; Reply Verified Statement, January 9, 1998; Rebuttal Verified Statement, February 23, 1998.

Phillips Petroleum Company

In the Matter of Canyon Oil & Gas Co. v. Phillips Petroleum Company, Before the United States District Court. Expert Report (with Kenneth Grant), September 30, 1997.

Union Oil Company of California and Shell Oil Company

Review of the Federal Royalties Owed on Crude Oil Produced from Federal Leases in California. Expert Report, June 30, 1997; Supplemental Report, July 28, 2000.

CSX Corporation and CSX Transportation, Inc., Norfolk Southern Corporation and Norfolk Southern Railway Company

Before the Surface Transportation Board. Direct Testimony June 12, 1997; Rebuttal Verified Statement, December 15, 1997.

Williams Production Company et al.

San Juan 1990-A, L.P., K&W Gas Partners, L.P., Map 1992-A Partners, L.P. and the Board of Trustees of Leland Stanford Junior University v. Williams Production Company and John Doe, in the First Judicial District, County of Santa Fe, State of New Mexico. Affidavit, August 29, 1997.

San Juan 1990-A, L.P., K&W Gas Partners, L.P., Map 1992-A Partners, L.P. and the Board of Trustees of Leland Stanford Junior University v. El Paso Production Company, Meridian Oil Inc., and John Doe, in the First Judicial District, County of Santa Fe, State of New Mexico. Second Affidavit, February 7, 2000.

Pro Se Testimony

In the Matter of United States of America, Department of the Interior, Minerals Management Service, Establishing Oil Value for Royalty Due on Federal Leases, and on Sale of Federal Royalty Oil. Comments, May 27, 1997; Supplemental Comments (with Kenneth W. Grant), August 4, 1997.

Group of Oil Company Defendants

In the Matter of Doris Feerer, et al. v. Amoco Production Company, et al., In the United States District Court for the District of New Mexico. Expert Report, May 5, 1997; Supplemental Expert Report, July 14, 1997; Deposition, December 4-5, 1997.

Pennsylvania Power & Light Company

Before the Pennsylvania Public Utilities Commission. Direct Testimony, April 1, 1997; Rebuttal Testimony, August 1997.

Honeywell, Inc.

In the Matter of Litton Systems, Inc., v. Honeywell Inc., before the United States District Court, Central District of California, Case No. CV-90-0093 MRP, Preliminary Expert Report, March 7, 1997.

Crow Indian Tribe

Rose v. Adams in the Crow Tribal Court, Montana, Report Concerning the Crow Tribe Resort Tax (with David Reishus), November 27, 1996; Testimony, January 23, 1997; Surrebuttal Report (with David Reishus), February 25, 1997; Report (with David Reishus), March 31, 2000.

Exxon Corporation

In the Matter of Allapattah Services, Inc., et al. v. Exxon Corporation, U.S. District Court for the Southern District of Florida. Affidavit, November 25, 1996; Expert Report, January 22, 1997; Deposition, September 22 and November 11, 1998; Expert Report, April 15, 1999; Deposition, May 3-4, 1999; Affidavit, May 16, 1999; Affidavit, June 6, 1999; Deposition, July 12, 1999; Daubert Testimony, July 15-17, 1999; Oral Testimony, August 24-25, 1999; Oral Testimony, February 6, 7, 8, 12, 2001.

Public Service Company of New Hampshire

Testimony on market power and antitrust issues before the New Hampshire Public Utilities Commission, January 21, 1997.

Group of Oil Company Defendants

In the Matter of Carl Engwall, et al. v. Amerada Hess Corp., et al., Fifth Judicial District Court, County of Chaves, State of New Mexico. Deposition, November 1-2, December 6, 1996; Testimony in class certification proceeding, January 16-17, 1997.

Fond du Lac Band of Chippewa Indians

In the Matter of Fond du Lac Band of Chippewa Indians, et al. v. Arne Carlson, et al., U.S. District Court, District of Minnesota, Fourth Division. Report, December 4, 1996; Supplemental Report, December 20, 1996.

Group of Oil Company Defendants

In the Matter of Laura Kershaw, et al. v. Amoco Production Co., et al., District Court of Seminole County, State of Oklahoma. Deposition, November 5 and December 6, 1996.

Northeast Utilities

Direct Testimony before the State of New Hampshire Public Utilities Commission, Electric Industry Restructuring (with Adam B. Jaffe), October 18, 1996.

Pro Se Testimony

United States of America before the Federal Energy Regulatory Commission Alternatives to Traditional Cost-of-Service Ratemaking for Natural Gas Pipelines, Regulation of Negotiated Transportation Services of Natural Gas Pipelines (with Adam B. Jaffe), May 30, 1996.

Burlington Northern Santa Fe

Before the Surface Transportation Board In the Matter of Union Pacific Corp., Union Pacific RR Co. and Missouri Pacific RR. Co. -- Control and Merger -- Southern Pacific Rail Corp., Southern Pacific Trans. Co., St. Louis Southwestern RW, Co. SPCSL Corp., and the Denver and Rio Grande Western Corp. Verified Statement, April 27, 1996; Deposition, May 14, 1996. Merger Oversight Proceeding, Verified Statement, July 8, 1998; Verified Statement, October 16, 1998.

Exxon Corporation

Before the Department of Revenue, State of Alaska, In the Matter of Exxon Corporation & Affiliated Companies. Rebuttal Report, April 29, 1996; Deposition, May 21, 1996; Pre-filed Expert Testimony, August 26, 1996; Hearing Testimony, March 10-11, 1997.

Burlington Northern Railroad Company

Before the Surface Transportation Board In the Matter of Burlington Railroad Company -- Crossing Compensation -- Omaha Public Power District. Verified Statement, April 1996.

Pennzoil Company

Lazy Oil Co., et al. v. Witco Corporation, et al. Expert Report, January 29, 1996; Deposition, March 1996.

Yavapai-Prescott Indian Tribe

Yavapai-Prescott Indian Tribe v. Harold Scott (Director of Revenue, State of Arizona), et al. Declaration, June 27, 1995; Second Declaration, August 10, 1995.

State of Michigan

Before the Court of Claims, State of Michigan, Carnagel Oil Associates, et al., v. State of Michigan, The Department of Natural Resources, et al; Miller Brothers, et al., v. State of Michigan, The Department of Natural Resources, et al. Deposition, May 30, 1995.

Northeast Utilities

Before the Massachusetts Department of Public Utilities, In the Matter of Electric Industry Restructuring (rulemaking proceeding). Testimony, April and June 1995.

Burlington Northern Railroad Company

Before the Interstate Commerce Commission In the Matter of Burlington Northern Railroad Company -- Control and Merger -- The Atchison, Topeka and Santa Fe Railway Company, Washington, DC. Verified Statements, October 1994 and April/May 1995.

Northern Natural Gas Pipeline Co.

United States of America before the Federal Energy Regulatory Commission In the Matter of Northern Natural Gas Pipeline Co. (rate filing). Filed Testimony, March 1995.

Houston Lighting and Power Company

Before the Public Utility Commission of Texas, In the Matter of Houston Lighting and Power Company (rate proceeding). Filed Testimony, September, December 1994, and February 1995.

Esso Standard Oil Company (Puerto Rico)

Esso Standard Oil Company (Puerto Rico), et al. v. Department of Consumer Affairs, Commonwealth of Puerto Rico in Federal District Court, Puerto Rico. Deposition, April, 1994. Testimony, July-August, 1994.

Atlantic Richfield Corp., Exxon U.S.A., Inc., and British Petroleum, Inc.

In the Superior Court for the State of Alaska, First Judicial District at Juneau, In the Matter of ANS Royalty Litigation, Report on Economic Analysis of the Fuel Gas Supply, June 6, 1994. Deposition, October 1994.

Governments of British Columbia and Canada

In the Matter of Certain Softwood Products from Canada, International Trade Administration, United States Department of Commerce, Report for the First Administrative Review. Filed Statement, April 12, 1994.

Southwestern Public Service Company

United States of America before the Federal Energy Regulatory Commission, In the Matter of El Paso Electric Company and Central and South West Services, Inc. Affidavit, February 25, 1994.

Mojave Pipeline Company

United States of America before the Federal Energy Regulatory Commission, In the Matter of Mojave Pipeline Company, Economic Analysis of Public Policy with Respect to Mojave Pipeline Company's Proposed Expansion. Filed Testimony, January 1994.

ARCO Pipe Line Company, Four Corners Pipe Line Company, and ARCO Transportation Alaska, Inc.

United States of America before the Federal Energy Regulatory Commission, In the Matter of Market-Based Ratemaking for Oil Pipelines, Comments in Response to Notice of Inquiry. Statement, January 1994.

Exxon

In Re: Columbia Gas Transmission Corporation, Claims Quantification Proceedings, U.S. Bankruptcy Court. Testimony, July 1993, October 1993.

SAGASCO Holdings Ltd.

Federal Court of Australia, In the Matter of Santos Ltd. acquisition of SAGASCO Holdings Ltd. Filed Testimony, August 1993.

El Paso Natural Gas Company

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“The Wealth of American Indian Nations: Culture and Institutions,” Federal Reserve Bank of Boston, December 11, 2002.

“The Roots of California’s Energy Crisis: Law, Policy, Politics, and Economics,” Regulation Seminar, Center for Business and Government, Kennedy School, Harvard University, November 7, 2002.

“Public Policy Foundations of Nation Building in Indian Country,” National Symposium on Legal Foundations of American Indian Self-Governance,” Mashantucket Pequot Nation, February 9, 2001.

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Keynote Address, “Sovereignty and American Indian Economic Development,” Arizona Town Hall, Grand Canyon, AZ, October 1994.

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“Cultural Evolution and Constitutional Public Choice: Institutional Diversity and Economic Performance on American Indian Reservations,” Festschrift in Honor of Armen A. Alchian, Western Economic Association, Vancouver, BC, July 1994.

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“Property Rights and American Indian Economic Development,” Pacific Research Institute Conference, Alexandria, VA, May 1987.

“The Development of Private Property Markets in Wilderness Recreation: An Assessment of the Policy of Self-Determination by American Indians,” Political Economy Research Center Conference, Big Sky, MT, December 4-7, 1985.

“Lessons from the U.S. Experience with Energy Price Regulation,” International Association of Energy Economists Delegation to the People's Republic of China, Beijing and Shanghai, PRC, June 1985.

“The Impact of Domestic Regulation on the International Competitiveness of American Industry,” Harvard/NEC Conference on International Competition, Ft. Lauderdale, FL, March 7-9, 1985.

“The Welfare and Competitive Effects of Natural Gas Pricing,” American Economic Association Annual Meetings, December 1984.

“The Ideological Behavior of Legislators,” Stanford University Conference on the Political Economy of Public Policy, March 1984.

“Principal-Agent Slack in the Theory of Bureaucratic Behavior,” Columbia University Center for Law and Economic Studies, 1984.

“The Political Power of the Underground Coal Industry,” FTC Conference on the Strategic Use of Regulation, March 1984.

“Decontrolling Natural Gas Prices: The Intertemporal Implications of Theory,” International Association of Energy Economists Annual Meetings, Houston, TX, November 1981.

“The Role of Government and the Marketplace in the Production and Distribution of Energy,” Brown University Symposium on Energy and Economics, March 1981.

“A Political Pressure Theory of Oil Pricing,” Conference on New Strategies for Managing U.S. Oil Shortages, Yale University, November 1980.

“The Politics of Energy,” Eastern Economic Association Annual Meetings, 1977.

WORKSHOPS PRESENTED

Federal Reserve Bank of Boston; University of Indiana; University of Montana; Oglala Lakota College; University of New Mexico; Columbia University Law School; Department of Economics and John F. Kennedy School of Government, Harvard University; MIT; University of Chicago;

Duke University; University of Rochester; Yale University; Virginia Polytechnic Institute; U.S. Federal Trade Commission; University of Texas; University of Arizona; Federal Reserve Bank of Dallas; U.S. Department of Justice; Rice University; Washington University; University of Michigan; University of Saskatchewan; Montana State University; UCLA; University of Maryland; National Bureau of Economic Research; University of Southern California

OTHER PROFESSIONAL ACTIVITIES

Mediator (with Keith G. Allred), Nez Perce Tribe and the North Central Idaho Jurisdictional Alliance, MOU signed December 2002

Chief Mediator *In the Matter of the White Mountain Apache Tribe v. United States Fish and Wildlife Service*, re: endangered species management authority, May-December, 1994

Steering Committee, National Park Service, 75th Anniversary Symposium, 1991-93

Board of Trustees, Foundation for American Communications, 1989-present

Editorial Board, *Economic Inquiry*, 1988-present

Advisory Committee, Oak Ridge National Laboratory, Energy Division, 1987-1989

Commissioner, President's Aviation Safety Commission, 1987-88

Principal Lecturer in the Program of Economics for Journalists, Foundation for American Communications, teaching economic principles to working journalists in the broadcast and print media, 1979-present

Lecturer in the Economics Institute for Federal Administrative Law Judges, University of Miami School of Law, 1983-1991

Research Fellow, Energy and Environmental Policy Center, John F. Kennedy School of Government, Harvard University, 1981-1987

Editorial Board, MIT Press Series on *Regulation of Economic Activity*, 1984-1992

Research Advisory Committee, American Enterprise Institute, 1979-1985

Editor, *Quarterly Journal of Economics*, 1979-1984

Referee for *American Economic Review*, *Bell Journal of Economics*, *Economic Inquiry*, *Journal of Political Economy*, *Review of Economics and Statistics*, *Science Magazine*, *Journal of Policy Analysis and Management*, *Social Choice and Welfare*, *Quarterly Journal of Economics*, MIT Press, North-Holland Press, Harvard University Press, *American Indian Culture and Research Journal*

TEACHING EXPERIENCE

Native Americans at the New Millennium: Nation Building (University-wide, graduate and undergraduate); Introduction to Environment and Natural Resource Policy (Graduate, Kennedy School of Government); Seminar in Positive Political Economy (Graduate, Kennedy School of Government); Intermediate Microeconomics (Graduate, Kennedy School of Government); Natural Resources and Public Lands Policy (Graduate, Kennedy School of Government); Economics of Regulation and Antitrust (Graduate); Economics of Regulation (Undergraduate); Introduction to Energy and Environmental Policy (Graduate, Kennedy School of Government); Graduate Seminar in Industrial Organization and Regulation; Intermediate Microeconomics (Undergraduate); Principles of Economics (Undergraduate); Seminar in Energy and Environmental Policy (Graduate, Kennedy School of Government)

HONORS AND AWARDS

Allyn Young Prize for Excellence in the Teaching of the Principles of Economics, Harvard University, 1978-79 and 1979-80

Chancellor's Intern Fellowship in Economics, 9/73 to 7/78, one of two awarded in 1973, University of California, Los Angeles

Smith-Richardson Dissertation Fellowship in Political Economy, Foundation for Research in Economics and Education, 6/77 to 9/77, UCLA

Summer Research Fellowship, UCLA Foundation, 6/76 to 9/76

Dissertation Fellowship, Hoover Institution, Stanford University, 9/77 to 6/78

Four years of undergraduate academic scholarships, 1969-1973; graduated with University Distinction and Departmental Honors, Stanford University

Research funding sources have included: The National Science Foundation; USAID (IRIS Foundation); Pew Charitable Trust; Christian A. Johnson Family Endeavor; The Ford Foundation; The Northwest Area Foundation; the U.S. Department of Energy; the Research Center for Managerial Economics and Public Policy, UCLA Graduate School of Management; the MIT Energy Laboratory; Harvard's Energy and Environmental Policy Center; the Political Economy Research Center; the Center for Economic Policy Research, Stanford University; the Federal Trade Commission; and Resources for the Future