

RÉSUMÉ OF JONATHAN E. ELLIS

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Professional Summary

1988 to 2015

Mr. Ellis is an industry consultant on the marketing, pricing and valuation of oil, natural gas and natural gas liquids products and properties. Mr. Ellis joined Willis, Graves & Associates, Inc. as a Senior Consultant in 1988. He became President of the firm in 1999. His consulting engagements deal with product sales, the valuation of oil, natural gas and natural gas liquids at various sales points, contract negotiations, including mineral leases and commodity sales, revenue audits, regulatory compliance and utility rates. His commercial clients include producers, pipelines, mineral owners, utilities and end users. Mr. Ellis specializes in applied research techniques for establishing product and service values, and compliance with contractual and regulatory provisions.

1987-1988

Prior to his employment with Willis, Graves & Associates, Inc., Mr. Ellis served as the director of natural gas consulting for the Enerpro division of Planmetrics Inc. of Chicago Illinois. As a director of consulting services, Mr. Ellis was responsible for the oil and gas practice of the firm. Mr. Ellis was active in consulting engagements involving royalty owners, producers, pipelines and local distribution companies. During this period, the majority of Mr. Ellis' assignments involved directing revenue audits for producer clients and conducting price research.

1982-1987

Prior to the acquisition of Enerpro by Planmetrics in August 1987, Mr. Ellis was a principal and Vice President of Enerpro Inc. From the formation of the firm in 1982 until its acquisition, Mr. Ellis was responsible for developing and performing consulting services for royalty owners, producers and purchasers of natural gas and oil. In that time Mr. Ellis worked with numerous oil and gas companies to solve marketing, contract administration and revenue accounting problems.

1980-1982

Prior to joining in the formation of Enerpro, Mr. Ellis was employed as an associate by the Resource Analysis and Management Group of Oklahoma City. As an associate of the RAM Group, Mr. Ellis was responsible for auditing payments received by producers under purchase contracts with pipelines, conducting determinations of contract price under favored nations price provisions and assisting clients in compliance with NGPA regulations and FERC Orders relating to gas pricing.

1979-1980

Mr. Ellis was engaged by the United States Department of State, Agency for International Development, Mission to Honduras to conduct field research and prepare a strategic analysis relating to the energy needs of the rural population and its relationship to forest resource utilization. The report developed an econometric model for evaluating resource utilization, with a complete treatment of the literature on forest management problems in developing nations, which was published as a Masters Thesis.

Education and Professional Affiliations

Mr. Ellis earned a BA from the University of Texas at Austin in 1978 with a major in government and economics and a strong concentration in statistical analysis. Mr. Ellis earned his MPA from the Lyndon B. Johnson School of Public Affairs, also at the University of Texas, where he concentrated on economics and applied research methods. Mr. Ellis is a member of the Texas Independent Producers and Royalty Owners Association (TIPRO). Mr. Ellis has been a member of the TIPRO Task Force on Revenue Auditing Issues.

Commercial Consulting Projects in Oil, Gas and Energy

Mr. Ellis' is frequently engaged as a consultant in commercial projects related to markets, market pricing and value determinations in the energy sector. Representative commercial projects utilizing Mr. Ellis practical expertise as a business consultant have included work for the following clients:

- BHP South Texas – market price analysis of condensate, natural gas liquids and natural gas for finance group.
- City of Long Beach – audit of the operations of TOPKO and review of oil and gas pricing in the Wilmington Field.
- Crawford Oil Company – crude oil marketing in the Delaware Basin.
- Gardner Wynne Energy Partnership – evaluation of joint interest values in oil and natural gas operations.
- Hanlon Gas Processing – natural gas and natural gas liquids marketing for Eastland and surrounding counties in Texas.
- HighMount Texas Midstream – analysis of upstream and midstream rates and operations for natural gas fields in Texas.
- The Cartwright Ranch – review of royalty values for oil, natural gas and uranium in South Texas.
- City of Los Angeles – review of fuel procurement policies for natural gas, purchased power, coal and renewable energy.
- Donegal Royalty Group – mineral lease provision review for acreage positions in the Marcellus Shale area of Pennsylvania.
- Gunn Oil Company – condensate and NGL marketing and market analysis for Cottle County, Texas production.
- The Henderson-Wessendorff Foundation – mineral royalty management and revenue analysis for Eagle Ford Shale production of oil, gas and natural gas liquids.
- Investors Royalty Inc. –review of operating and royalty values from mineral leases in the Barnett Shale area.

- The King Ranch – analysis of index price options for use in an oil and gas mineral lease covering production in South Texas.
- McClymond Oil and Gas – crude oil marketing for Stephens and surrounding counties in Texas.
- Sage Energy – natural gas and crude oil marketing of equity production in Texas.
- Southern Methodist University – mineral lease provision and values review and consultation for acreage in Texas.
- Ute Indian Tribe – evaluation of in-kind royalty alternatives and natural gas processing assets in the Uinta Basin.
- LLE Oil and Gas – mineral royalty management and scouting reports in the Eagle Ford Shale area.
- The Methodist Hospital – review of natural gas markets, prices, and billing practices.
- Sealy and Smith Foundation for the John Sealy Hospital – review of royalty values from lease operations in Texas.
- Texas General Land Office – review of mineral lease histories after industry restructuring.
- W & T Offshore – evaluation of royalty values and settlement options for offshore operations.

Expert Consulting Engagements

Mr. Ellis' knowledge of custom and practice in the industry and his regulatory experience has led to his engagement in the following matters over the course of his career:

-----2004-2014-----

- BB&T, et al. v. Cabot Oil and Gas Corp., et al. - litigation involving revenue accounting and the market value of natural gas at the lease. (Deposition)
- Coates, et al. v. Coastal - litigation involving royalty accounting and the market value of natural gas as defined in a mineral lease.
- Crawford County Oil v. Plains Marketing - litigation involving crude oil pricing and terms under a crude oil sales contract. (Deposition)
- Martinez, et al. v. Noble Energy Inc. et al. - litigation involving royalty payments and market value for natural gas, liquids and other oil under the terms of the mineral lease.
- McCall, et al v. Exxon - litigation involving gas prices and reasonably prudent marketing.
- Moye, et al. v. Exxon - class certification litigation involving royalty payments for natural gas, liquids and other minerals under the terms of the mineral lease. (Deposition and Trial)

-----2004-2014 (Cont)-----

- Farrar, et al. v. Mobil Oil Corporation – markets and market prices in the Hugoton Field, Kansas. Related case: Jimmie Hershey v. Exxon Mobil Corporation.
- City of Fort Worth v TXU energy Services - mediation involving the value of natural gas from a non-conventional renewable resource project.
- Haley, et al. v. Exxon - litigation involving gas prices and reasonably prudent marketing. (Deposition and Trial)
- Heritage Resources, Inc. v. Gibson, Dunn & Crutcher, LLP. - litigation involving damage calculations related to natural gas production and sales values. (Deposition)
- Howell Petroleum Corporation v. Williston Basin Interstate Pipeline Company - litigation involving the market value of natural gas storage and the market price for natural gas in a commercial dispute over gas storage rights.
- HRF Exploration v. CESI, et al. - litigation involving market prices and performance under a marketing agreement for natural gas production.
- Jarvis Christian College, et al. v. ExxonMobil Corp. - litigation involving natural gas, natural gas liquids and oil the market value at the lease.
- Johnson, et al. v. Shell - litigation involving oil prices, oil contracts and the market value of oil at the lease.
- MRA Northeast, L.P. et al. v. Ballard Exploration, et al. - litigation involving the value of natural gas production under a joint operating agreement.
- Paz Energy LLC v. DFW International Airport Boars, et al. - litigation involving natural gas marketing and values under the terms of a mineral lease.
- Pine Mountain Oil and Gas, Inc. v. Equitable Production Company - litigation involving gas gathering rates in an Appalachian production area.
- Ruiz, et al. v. ExxonMobil Corp. - litigation involving royalty payments for natural gas under market value and reasonable prudent operator valuations under the terms of a State of Texas mineral lease.
- Skotty, et al. v. Petrohawk, et al. – litigation over market value and proper calculation of royalty under Texas mineral lease.
- Slattery Co., Inc. v. Chesapeake Louisiana LP et al. – litigation over market value and the proper calculation of royalty under a Louisiana mineral lease. (Deposition)
- Stack v. Transco, et al. - litigation involving the resolution of gas balances between working interest owners under a joint operating agreement.
- Texas Osage Royalty Pool, Inc. v. Anadarko Petroleum Corporation, et al. - litigation involving the market value of oil and the treatment of natural gas under the mineral lease. (Deposition)

-----2004-2014 (Cont)-----

- Johnson, et al. v. Anadarko Petroleum Corp. et al. - litigation involving proceeds received and reasonable prudent operator standards for marketing natural gas.
- Jordan v. Midpar - litigation involving the market value of natural gas under a mineral lease.
- Kinder Morgan. V. City of El Paso - litigation involving the application of franchise taxes to the special marketing affiliate of an intrastate pipeline.
- Lakota Resources v. Pathex Petroleum - litigation involving natural gas marketing and values under the terms of a joint operating agreement. (Deposition and Trial)
- Russell v. Panhandle Producing, et al. - litigation involving the interpretation of economic provisions in a first sale contract.
- Transwestern Petroleum, Inc. v. United States Gypsum Company - litigation involving the market value of natural gas leases in Utah.
- Walsh and Watts, Inc. v. Atlantic Richfield Company - litigation involving the market value of crude oil under a sales agreement. (Deposition)
- Williams v. Texas Gas Transmission - litigation involving the value of a mineral interest in a natural gas storage operation.
- Wright v. Chevron, USA et al. - litigation involving natural gas processing and the value of payments to the MMS under applicable lease and regulatory provisions.
- Wesley West Minerals, LTD, Inc. et al. v. Sandridge Energy, Inc., et al. – litigation over the value of carbon dioxide and natural gas under mineral leases in West Texas.

-----2000-2003-----

- Amarillo National Bank v. Pioneer Natural Resources, USA - litigation involving revenue accounting and the market value of natural gas at the lease.
- Deas, et al. v. Exxon, et al. - class certification litigation involving royalty payments and market value under the terms of the mineral lease. (Deposition)
- Exxon Company v. The United States – litigation involving the representative market or field price of natural gas at the wellhead. (Deposition and Trial)
- KCS v. Tennessee Gas Pipeline – litigation involving contract price and market value (Deposition) Related cases: Lenape v. Tennessee and Yzaguirre, et al. v. KCS.
- Lopez v. Mobil Producing Texas & New Mexico, et al. - litigation involving the marketing of natural gas under the mineral lease. (Deposition)
- Mustang, et. al v. Colorado Interstate Gas – arbitration involving the determination of a market price under a sales contract.
- Panhandle v. Phoenix - litigation involving natural gas marketing.
- Yzaguirre, et al. v. KCS Resources – litigation involving the market value of natural gas under a Texas mineral lease.

-----1992-1999-----

- 89 Ranch Partners. v. Oryx – litigation involving royalty value of oil.
- Beamon v. El Paso, et. al - litigation involving the natural gas balancing and overriding royalty interests in a unitized production area.
- BHP v. Texaco - litigation involving natural gas balancing in the Madden Deep Unit.
- Brannon, et. al v. BHP - litigation involving take or pay settlements between working interest owners.
- Briggs v. Sonat - litigation involving natural gas index pricing and overriding royalty payments in an east Texas production area.
- Briscoe v. Hughes - litigation involving the market value of natural gas under a mineral lease.
- CASHCO v. ARCO - litigation involving the determination of contract prices for natural gas. (Deposition)
- Champlin v. Clajon – litigation involving natural gas contract and market prices.
- Coastal Oil and Gas v. de Los Santos et al. - litigation involving the market value of natural gas under a mineral lease. (Deposition)
- Frost National Bank v. Oryx, et al. - litigation involving crude oil and condensate values.
- Garcia, et al. v. Oryx, et al. – litigation involving gas processing and the provisions of a mineral lease.
- Garza Energy Trust v. Coastal Oil & Gas, et al. - litigation involving gas and oil values under the terms of the mineral lease. (Deposition and Trial)
- Gates v. Marathon, et al. – litigation involving the market value of natural gas under a mineral lease.
- Hales, et al. v. SEECO, et al. - litigation involving gas prices and utility rates in the Arkom Basin production area. (Deposition and Trial)
- Lenape Resources Corp. v. Tennessee – litigation involving price calculations in a long-term purchase contract for natural gas. (Deposition)
- Rathmuller v. Shell Oil Company - litigation involving the market value of natural gas at the lease and the payment of royalties. (Deposition and Trial)
- SASA Minerals Trust v. Coastal Oil and Gas, et al. - litigation involving the market value of natural gas under a mineral lease.
- Shurley, et al. v. Quinoco – litigation involving royalty payments under a mineral lease related to contract reformation. (Deposition and Trial)

-----1992-1999 (Cont)-----

- Cunningham, et al. v. Winn Dulce - litigation involving take or pay settlements between working interest and mineral owners.
- Davidson Ranch, et al. v. UPRC, et al. - litigation involving royalty payments and market value under the terms of the mineral lease. (Deposition)
- Day, et al. v. Grace Petroleum – litigation involving take or pay settlements.
- El Peyote et. al v. Forrest Oil Company, et al. - litigation involving the market value of natural gas under a mineral lease. (Deposition)
- Exxon v. Intratex - litigation involving contract price, production and levels of assignments between affiliated companies.
- Fox v. Columbia Gas Transmission – litigation involving the determination of contract prices.
- State of Texas v. Amoco, et al. - litigation involving the market value of oil at the mineral lease.
- Terry Companies v. TransAmerica - litigation involving natural gas revenue accounting and valuation issues for natural gas.
- Toon, et al. v. Exxon - litigation involving prudent marketing standards and the determination of market value under the mineral lease. (Deposition and Trial)
- Turner. v. Esperanza - litigation involving the value of oil under a joint operating agreement. (Deposition)
- Vastar Resources v. Southern Natural Gas Company – arbitration involving contract price mechanisms and custom and practice in the amendment of gas contract provisions.
- Westico Energy v. Gulf Energy Pipeline - litigation involving contract price determinations.

-----1985-1991-----

- Adobe et al. v. Columbia Gas Transmission – arbitration involving the market value of natural gas produced in southern Louisiana. (Hearing)
- Allstate, et al. v. Southwestern Gas Pipeline – litigation involving contract price, take or pay and “economic out” provisions of gas sales contracts.
- Bay Pipeline v. Valero Energy Corporation – litigation involving contract price and take or pay issues. (Deposition)
- La Rosa Exploration v. United Texas Gas Transmission - litigation involving the correct operation of a favored nations pricing provision.
- Lively Energy and Development v. Lone Star Gas Company - litigation involving contract price and take or pay. (Deposition)
- Louisiana Gas Systems v. Tee Oil and Gas - litigation involving contract take or pay obligations.

-----1985-1991 (Cont)-----

- BHP Petroleum, North Americas v. Houston Pipeline Company - litigation involving the correct calculation of principle refunds and interest under FERC Order 399.
- Crystal Oil and Gas Company v. Arapaho Petroleum - litigation involving revenue accounting for severance tax reimbursement under a percentage of proceeds residue gas contract. (Hearing)
- Davis, et al. v. El Paso Natural Gas - litigation involving revenue accounting for royalties under the mineral lease.
- Ergon Exploration v. Texas Gas Transmission - litigation involving contract price determination. (Deposition)
- Forrest Oil Corporation v. Columbia Gas Transmission – litigation involving take or pay deficiencies.
- Frey, et al. v. Amoco - litigation involving royalty payments related to natural gas balancing and contract settlements. (Deposition and Trial)
- Fritz, et al. v. Amoco - litigation involving contract prices and price ceilings.
- Gene Murrell v. Transwestern Pipeline – arbitration involving natural gas contract quantities and contract prices.
- HPC Exploration v. Texas Gas Transmission – arbitration to establish contract prices. (Hearing)
- Martin Arcadian Gas Company v. Compadres Oil & Gas. - litigation involving a gas brokering agreement. (Deposition & Trial)
- Mesa Petroleum v. Kansas Power and Light – arbitration involving the market value of natural gas in the Hugoton field. (Hearing)
- Mesa Petroleum v. Texas Eastern Gas Transmission – arbitration involving the market value of natural gas in offshore production areas. (Hearing)
- Mitchell Energy v. Esperanza Energy Corporation – litigation involving the operation of a favored nations pricing provision. (Deposition and Trial)
- Mobil Producing v. Midcon/NGPL – arbitration involving the operation of a most favored nations pricing provision. (Deposition)
- New Bremen Corporation v. Columbia Gas Transmission – arbitration involving contract price determinations. (Hearing)
- Newmont Oil and Gas Bremen Corporation v. Columbia Gas Transmission – arbitration involving contract price. (Hearing)
- Regan Houston, et al. v. Century Energy – litigation involving royalty payments and the correct treatment of gathering fees in royalty calculation.
- Southwestern Gas Pipeline v. Sunbelt Exploration – litigation involving contract price and the proper treatment of tax reimbursement. (Deposition)

-----1985-1991 (Cont)-----

- J. C. Thompson v. Producers Gas Company and Intratex Gas Company - litigation involving contract price and take or pay.
- Jones-O'Brien v. Columbia Gas Transmission – arbitration to establish contract prices. (Hearing)
- King Ranch v. Exxon – arbitration involving the market value of natural gas at the wellhead under mineral leases.
- Texas General Land Office v. Belco Exploration – administrative hearing before the General Land Office to determine the market value of natural gas under a State of Texas lease.
- Union Natural Gas Company v. Baylor Health Center - litigation involving custom and practice in the establishment of natural gas brokering fees. (Deposition and Trial)
- Winn Dulce Oil and Gas v. Northern Natural Gas - litigation involving the operation of a favored nations price provision and contract take or pay obligations.

Publications and Seminar Presentations

- Forest Resource Management in Developing Nations; The University of Texas, 1980.
- Toward a Solar America: An Institutional Assessment of On-site Solar Technologies; The University of Texas, 1980.
- Implementation of FERC Order 399; seminar presentation at various conferences sponsored by the Texas Independent Producers and Royalty Owners Association, 1984.
- Natural Gas Producer Prices; monthly periodical reporting natural gas prices and contract activity, Federal Programs Advisory Service, 1984-1987.
- Natural Gas Marketwire; daily wire service reporting natural gas spot market prices and contract activity, Belvoir Publications, 1987-1988.
- Competition in the Natural Gas Industry: The Producers View; seminar paper presented at the 15th Annual National Utilities Conference, 1987.
- Systems Design and Operation; seminar presentation for the "Natural Gas Accounting in an Open Access and Spot Market Environment" conferences sponsored by Executive Enterprises, 1988.
- Revenue Analysis for Decision Support: Projections and Sensitivity Analysis; seminar presentation for the "Natural Gas Audit Briefing" conferences sponsored by Executive Enterprises, 1988.
- Severance Tax Marketing Cost Deductions and Refunds; Texas Independent Producers and Royalty Owners Association Monograph Series, 1989.

- Market Value Research Techniques; seminar presentation for the "Natural Gas Royalty and Working Interest Owners Conference" sponsored by Executive Enterprises, 1989.
- Information Systems to Track Gas Imbalances; seminar presentation for the "Natural Gas Imbalances Conference" sponsored by Executive Enterprises, 1990.
- Gas Balancing Agreements: Addressing Gas Balancing Issues Beyond the Model Operating Agreement; seminar presentation for the "Natural Gas Contracting in the 1990s Conference" sponsored by Executive Enterprises, 1990.
- Valuing Stored Gas for Royalty and Severance Tax Purposes; seminar presentation for the "Natural Gas Storage Conference" sponsored by Executive Enterprises, 1991.
- Natural Gas Accounting Handbook; D. Larry Crumbley, CPA & Virginia A. Nichols, CPA, Editors, Executive Enterprises, Inc. 1991.
- Market Value Research Techniques; seminar presentation for the "Natural Gas Royalty and Working Interest Owners Conference" sponsored by Executive Enterprises, 1991.
- Market Value and the Mineral Lease; seminar presentation for the National Association of Royalty Owners Texas Statewide Convention, 1992.
- Gurus, Wizards and Gadgets in the Gas Patch: Evaluating Gas Balancing Systems; seminar presentation for the "Natural Gas Imbalances Conference" sponsored by Executive Enterprises, 1993.
- Evaluating Gas Balance Management Systems in the Restructured Natural Gas Industry; seminar presentation for the "Natural Gas Imbalances Conference" sponsored by Executive Enterprises, 1995.
- Contracting in Natural Gas - Commodity Price Provisions for the Third Spot Decade; seminar presentation for Gas Mart '96 " sponsored by Natural Gas Intelligence Press, 1996.
- Royalty Valuation: 20th Century Paradigms and 21st Century Markets; seminar presentation for the 46th annual meeting of the American Association of Professional Landmen, 2000.
- Using the Web to Determine the Reasonableness of Payments to Royalty Owners and Non-Operators; seminar presentation for the "6th Annual National Oil and Gas Royalty Conference" sponsored by Professional Development Institute, University of North Texas, 2002.
- Navigating the Web for Royalty Information; seminar presentation for the "8th Annual National Oil and Gas Royalty Conference" sponsored by Professional Development Institute, University of North Texas, 2005.
- Navigating the Web for Royalty Information; seminar presentation for the "9th Annual National Oil and Gas Royalty Conference" sponsored by Professional Development Institute, University of North Texas, 2006.

- Midstream Marketing Resources: Using Public Records and the Internet as Tools in Midstream Marketing; presentation for the 61st Annual Convention of the Texas Independent Producers and Royalty Owners Association, 2007.
- The Wealth of Public Information Available Regarding Oil and Gas Royalties; presentation for the 10th and "11th Annual National Oil and Gas Royalty Conference" sponsored by Professional Development Institute, University of North Texas, 2008 and 2010.
- Drilling Down in the World Wide Web: Online Sources for Mineral Owners; presentation for the 2011 National Oil and Gas Royalty Conference.
- Oil and Gas Litigation Trends: Common Issues for Mineral Owners in Contemporary Markets; presentation for the San Antonio Bar Association, 2012.

Other Associations

Mr. Ellis serves the Boards of Section 501(c)(3) non-profit organizations as a volunteer providing financial and program support for youth sports in Austin neighborhoods. Mr. Ellis is an active Austin Independent School District Partner in Education and a Meals-on-Wheels Volunteer. Mr. Ellis is a licensed soccer coach and holds certificates from the United States Soccer Federation and the National Soccer Coaches Association of America, including the NSCAA National Diploma. He is currently a volunteer in the Texas Collegiate Soccer League where he coaches the St. Edward's University Women's TCSL Soccer Team.