

## **ALLEN C. BARRON, P.E.**

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**MARTIAL STATUS: Married**

**EDUCATION:** Bachelor of Science, Chemical Engineering (Petroleum Engineering Option)  
University of Houston, 1968

### **PROFESSIONAL ASSOCIATIONS:**

**Registered/Licensed Professional Engineer State of Texas, No. 49284**

National Society of Professional Engineers / Texas Society of Professional Engineers / Society of Petroleum Engineers / Society of Petroleum Evaluation Engineers (Past member Board of Directors)/ American Association of Petroleum Geologists / Houston Producers Forum / Houston Energy Finance Group / Independent Petroleum Association of America / Member: University of Houston Petroleum Engineering Department Advisory Board

### **PROFESSIONAL EXPERIENCE:**

#### **GRAVES & CO. CONSULTING, LLC**

**Executive Vice President: June 2018 to Present**

Mr. Barron joined the Graves & Co. Consulting firm to assist in the development of the consulting practice affiliated with the Graves & Co. due diligence firm, by re-establishing relationships with companies seeking reservoir engineering and geoscience evaluation analyses, encompassing the full range of services that he had offered and supervised throughout his entire professional career.

#### **RESERVE ANALYSTS ASSOCIATES, INC.**

**Owner: May 2017 to Present**

At the time of the sale of the assets of Ralph E. Davis Associates, Inc. to the Opportune firm, the stock ownership of the Davis firm remained with the previous owners who changed the name of the company to Reserve Analysts Associates, Inc., in order to maintain a presence for post-closing business such as regulatory filings and to pursue collections from certain delinquent clients. Allen Barron remained as the sole owner of the company as it continues to collect from previous clients settling accounts under long term agreements.

#### **RALPH E. DAVIS ASSOCIATES, LLC, an OPPORTUNE LLP COMPANY**

**Chairman: April 2017 to May 2017**

Mr. Barron was asked to serve as Chairman of the firm after a new President of the company was named in early May 2017. However, after the parent company, Opportune, made known their intention to take the consulting firm in a new direction, Mr. Barron left his position with the company.

**President: February 2015 To March 2017**

Mr. Barron served as President of the company since its merger into Opportune LP, a financial, accounting and engineering consulting firm to the energy industry. He continued to be responsible for

the reservoir engineering – geoscience consulting services group and participated in the integration of the group’s technical abilities into the Opportune organization.

Since entering the consulting field over thirty-eight years ago Mr. Barron continues to participate in the preparation of reserve evaluation studies and reserve audits for public and private companies for the purpose of reserve certification filings in foreign countries, domestic regulatory filings, financial disclosures and corporate strategic planning. He not only oversaw reserve evaluation projects performed within the firm but also directly participated in their preparation and presentation to client personnel, boards and regulatory agencies.

**RALPH E. DAVIS ASSOCIATES, INC.**

**President: March 2001 To February 2015**

Mr. Barron was responsible for the financial success, development and expansion of the organization while involved in reservoir evaluation of both conventional and unconventional reservoirs, field development studies and evaluation of assets for acquisition by client companies. He prepared evaluations of asset divestiture packages and served as an expert witness in litigation proceedings and presented seminars on classification of reserves under various professional and securities exchange directives and made presentations in industry conferences.

**Vice President: October 1993 To February 2001**

Responsible for economic analysis of oil and gas producing assets related to acquisition analysis of domestic and international properties, field development plans and reserve certifications for annual reports, financial and governmental filings. Represent clients in litigation as expert witness related to oil and gas in local, state and federal court in matters of gas including drainage, loss of reserves and economic value of assets.

**GOLDEN COMPANIES: November 1984 To October 1993**

Subsidiaries: H. J. Gruy & Company, Golden Engineering, Inc

**H.J. GRUY AND COMPANY:**

**President: February 1992 to October 1993**

In February 1992 the Reservoir Group of Golden Engineering, Inc. became the subsidiary, H. J. Gruy and Company. Named President of the company, responsible for the financial success, development and expansion of the organization. Involved in day-to-day reservoir evaluation projects, engineering analyses, general staffing requirements, and continued development of the company's domestic and international markets.

Expanded the company's involvement in international evaluation projects in Argentina, Bolivia, Turkmenistan and Russia. Served on the Board of Directors of the Interamerican Chamber of Commerce in Houston and maintained international contacts for the Golden Companies in Latin America, at the World Bank, International Finance Corporation, U. S. Trade and Development and other financial and business agencies.

**GOLDEN ENGINEERING, INC.**

**Sr. Vice President/Corporate Development: June 1990 to February 1992**

Responsibility included new business development for all subsidiary groups and development of near and long-term goals or objectives for the corporation. Developed crossover activities

within the organization and coordinated the marketing efforts for all groups in printed materials, advertising and trade show exhibitions. Directly involved in expanding of international services and established the company's first international office in Latin America.

Traveled extensively in developing business relationships in the areas of reservoir engineering, environmental analysis and impact assessment, and the areas of natural gas storage and engineering design. Business contacts were developed in Washington, D.C. with various governmental energy agencies, the World Bank and other international organizations. Additional contacts have been made and increased over the years in the New York investment and banking communities.

**GOLDEN ENGINEERING, INC.**

**Sr. Vice President/General Manager: November 1984 to June 1990**

Direct supervision of the reservoir engineering group within Golden Engineering, Inc. In addition to administrative duties and concerns for business development, staffing and profitability, directly involved in project supervision, field studies and general reservoir engineering analysis in various studies. Projects included domestic and international reservoir studies and sales presentations, expert witness testimony and preparation of governmental and financial reports for client companies.

**ALLEN C. BARRON & ASSOCIATES, INC.**

**President: April 1981 to November 1984-** Prepared evaluations of oil and gas properties including determination of recoverable reserves, both as to future worth and the current discounted value of the reserves. Evaluations of both future drilling prospects and producing properties for use in annual reports and governmental filings, determination of value in either the sale or acquisition of properties, and for investment consideration by corporate and individual accounts. Testified as an expert witness in civil trials concerning oil and gas properties.

**RALPH E. DAVIS ASSOCIATES, INC.**

**Reservoir Engineer: August 1978 to April 1981-** Evaluated oil and gas properties throughout the United States and Western Canada for determination of reserves and discounted future net income attributable to client's interest position. Prepared subsurface maps and performed reservoir studies on various offshore Gulf Coast Fields. Reports prepared for both privately held and public-owned companies, for inclusion in internal reporting and various governmental filings.

**HOUSTON PIPELINE COMPANY**

**Manager, Special Projects: December 1971 to August 1978-** Prepared studies related to fuel requirements of industrial customers and overall impact of rising gas prices to energy consumption by various sectors of the Texas economy. Reported on availability of non-conventional gas supplies and the implied impact on company's natural gas transmission operations and sales.

**Coordinator, Special Projects** - Performed reserve and property evaluations for either corporate acquisition or merger activity. Also evaluated undeveloped acreage for oil and gas exploration and mineral mining. Responsible for evaluation of mining project in Central Colorado. Project involved evaluation through identification of mineral veins, coring activity including analysis, and determination of overall viability of potential gold and silver mine.

**Reservoir Engineer to Senior Reservoir Engineer** - Evaluated producing oil and gas properties as to the recoverable reserves and deliverability for inclusion in gas transmission system. Evaluated undrilled acreage for joint venture operations and prepared reports for governmental filings.

#### **AMOCO PRODUCTION COMPANY**

**Petroleum Engineer: June 1968 to December 1971**- Prepared well workover programs; designed systems for installation of artificial lift equipment; designed an expansion to a salt water disposal system and prepared deliverability studies on various producing fields. Prepared completion programs and equipment designs for drilling wells.

#### **AREAS OF EXPERIENCE:**

**Domestic:** Reservoir engineering experience throughout the major producing basins of the United States including conventional and unconventional plays, including shales and tight sand reservoirs, with the primary focus on the onshore and offshore Gulf of Mexico, Permian Basin, Appalachian and mid-continent areas, Rocky Mountains, southeastern United States and California.

**International:** Reservoir engineering experience in Western Canada. South America including Venezuela in areas of Cumarebo, La Vela, Las Mercedes, Palacio and Guasimito. Argentina, basins of Neuquen, Mendoza, Santa Cruz, Tierra Del Fuego and the Cuyo basin in the Northwest, and in Bolivia, Brazil, Colombia, Ecuador and Peru. Also has experience in Central American countries of Guatemala and Nicaragua, in Germany, Russia, Turkmenistan, Western Africa and Offshore Angola.

**PRESENTATIONS:**

February 2004: San Isabel, Florida: **Coal Industry Forum on Operational Issues:** “Coalbed Methane from Coal Mines, Maximizing an Idle Asset”

July 2004: Hays, Kansas, **Board of Directors of Kansas Natural Gas Corporation:** “Kansas Natural Gas: Its Energy Assets and Positioning Within the Energy Industry”

May 2005, Bismark, North Dakota, **Board of Directors of the Black Hills Corporation:** “Key Responsibilities Related to the Oversight of an Oil and Gas Company”

September 2005, *Financier Worldwide Magazine:* “Market Forces in the Energy & Utilities Sector”, Roundtable Discussion Participant

November 2006, *Financier Worldwide Magazine:* “The Oil, Gas & Energy Sector, Refueling the Energy Sector”, Discussion Participant

June 2008, Santa Fe, New Mexico, **Society of Petroleum Evaluation Engineers Annual Meeting:** “Tight Gas Sands Development – How to Dramatically Improve Recovery Efficiency”

September 2008, Beijing, China: **Sinopec International Exploration & Production Corporation:** “The Petroleum Resources Management System – Classification and Definitions and How to Use Them in the Computing of Oil and Gas Reserves”

May 2009, Houston, Texas: **Platts 4<sup>th</sup> Annual Gas Shale Development Conference:** “Current Economic Considerations in the Shale Plays”

December 2009, *Financier Worldwide Magazine:* “The Oil, Gas & Energy Sector, Outlook for the Energy Sector”, Roundtable Discussion

May 2010: *Financier Worldwide Magazine:* “Consolidation and Expansion in the Global Oil and Sector” – In Depth Discussion Participant

January 2011, *Financier Worldwide Magazine:* “M&A Outlook for the Petroleum Energy Sector”

September 2011, *Financier Worldwide Magazine:* “Mergers and Acquisitions in the Energy & Utilities Sector”

September 2011, Houston, Texas Presentation to **American Society of Appraisers’ 2011 Energy Seminar**, “Reserves, Resources and Fair Market Value”

March 2012: *Business Valuation Resources* Publication; “Arriving at FMV Conclusion for Energy Properties Requires Engineering Expertise”

September 2012: *Financier Worldwide Magazine:* “Faces of M&A, 2012: Market Commentary from Leading M&A Advisers”

June 2013, **ReedSmith Panel III:** “Managing Information Sharing Antitrust Risk”, Pittsburgh, PA

March 2014: *Financier Worldwide Magazine:* “TalkingPoint: M&A in the Energy & Utilities Sector”

December 2014: *Financier Worldwide Magazine*: Roundtable: “Energy & Utilities Sector”

October 2015: *Financier Worldwide Magazine*: “TalkingPoint: Consolidation in the Energy Sector”

February 2016: **Credit Suisse Restructuring Mini Conference**; “Reserve Devaluations of Distressed Properties”

February 2016: *Financier Worldwide Magazine*: “TalkingPoint: us Oil Production – Challenge and Implications”

October 2017: Presentation to **Society of Independent Professional Earth Scientists 2017 Continuing Education Seminar**, “SEC Reserves, Categories and Compliance”