

## **CARL D. RICHARD**

Senior Vice President

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### **EDUCATION**

B.S. Petroleum Engineering, University of Southwest Louisiana, 1984  
B.S. Electrical Engineering Technology, Nicholls State University, 1979

### **RELEVANT AREAS OF EXPERTISE**

**International and North American Experience:** Petroleum and petrophysical engineer experienced in petrophysics; reservoir engineering; economic analysis of oil and gas fields; Fair Market Value determinations; and acquisition and divestiture evaluations. Knowledge of both deterministic and probabilistic methods of analysis. Provide reserve reports and economics for clients. Significant involvement with clients' buying and selling major oil and gas assets. Provide expertise in support of initial public offerings of oil companies. International experience includes major oil and gas field engineering and petrophysical evaluations in Russia (Western Siberia, Volga-Urals, and Arctic); Ukraine; Kazakhstan; Latin America, offshore West Africa, Australia (North West Shelf, Bass Straits, Timor Sea). United States experience includes the Gulf of Mexico offshore; Rocky Mountain onshore; Mid-continent; Barnett Shale and coal bed gas fields; and Alaska North Slope (Prudhoe Bay).

### **EXPERIENCE**

1997 – Present     **Miller and Lents, Ltd. - Houston, Texas**

2004     Senior Vice President  
2001     Vice President  
1997     Consulting Engineer

Responsible for oil and gas reserves evaluations and economic determinations of domestic and international projects, both onshore and offshore, for numerous clients, including oil companies, private individuals, and banks.

1985 – 1997     **Mitchell Energy Corporation**

1995-1997 – Staff Petroleum Engineer, Petrophysical Section Leader - Supervised the engineering group responsible for the acquisition and interpretation of all corporate well logs; conducted field studies; edited log data for 3D geophysical applications; managed the corporate digital log library and petrophysical software.

1987-1995 – Senior Reservoir Engineer - Performed economic and reserve evaluations of all projects requiring capital expenditures in Midland District; performed reserve determinations using material balance, volumetric, and decline analysis; reservoir performance predictions; performed pressure transient analysis, simulation studies, and log analysis.

1985-1987 – Petrophysical Engineer - Was responsible for acquisition and interpretation of well logs in the Fort Worth Basin of North Texas.

1979 – 1981     Shell Oil Company – Western E&P, New Orleans, Louisiana

Engineering Technician, Senior Engineering Assistant - Was responsible for the acquisition, quality control, and the preliminary analysis of open hole logs data associated with exploration and development wells.

**PROFESSIONAL ORGANIZATIONS**

Member - Society of Petroleum Engineers, Inc.  
Member - Society of Professional Well Log Analysts

**PROFESSIONAL REGISTRATIONS**

Registered Professional Engineer, State of Texas (#92467)

**OTHER**

Nationality:	American
Language Skills:	English
Years with Firm:	Since 1997
Software Skills:	Proficient in economic, probabilistic, and petroleum engineering software, and well log software, including Aries™ and @Risk™, and software from companies such as Fekete and Petcom.